

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087712.D
 Acq On : 5 Jun 2016 17:20
 Operator : UM/SJ
 Sample : H3362-04MSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Quant Time: Jun 06 03:08:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156831	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	641010	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	319786	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	545218	20.00	ng	0.00
75) Chrysene-d12	14.02	240	406979	20.00	ng	0.00
86) Perylene-d12	15.45	264	334277	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	532260	54.86	ng	0.01
7) Phenol-d6	6.49	99	423523	34.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	852384	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	310057	96.59	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1505601	67.83	ng	0.00
78) Terphenyl-d14	12.97	244	1107805	66.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	58419	12.46	ng	# 21
3) Pyridine	3.27	79	144638	11.67	ng	100
4) n-Nitrosodimethylamine	3.19	42	78017	14.91	ng	100
6) Aniline	6.52	93	272316	15.79	ng	99
8) 2-Chlorophenol	6.65	128	342346	30.66	ng	# 80
9) Benzaldehyde	6.40	77	33846	4.11	ng	86
10) Phenol	6.50	94	183930	13.27	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	372635	37.01	ng	98
12) 1,3-Dichlorobenzene	6.80	146	404849	33.87	ng	100
13) 1,4-Dichlorobenzene	6.88	146	421005	35.10	ng	99
14) 1,2-Dichlorobenzene	7.04	146	394533	35.08	ng	99
15) Benzyl Alcohol	7.00	79	223966	24.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	559711	38.12	ng	97
17) 2-Methylphenol	7.12	107	231564	25.83	ng	98
18) Hexachloroethane	7.38	117	154304	36.79	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	312502	41.12	ng	# 87
20) 3+4-Methylphenols	7.28	107	247453	22.53	ng	# 35
22) Acetophenone	7.28	105	575117	39.61	ng	96
24) Nitrobenzene	7.45	77	474659	42.81	ng	93
25) Isophorone	7.69	82	796020	39.46	ng	99
26) 2-Nitrophenol	7.76	139	225444	43.76	ng	98
27) 2,4-Dimethylphenol	7.80	122	344413	32.26	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	548172	42.84	ng	98
29) 2,4-Dichlorophenol	8.01	162	340439	38.82	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	351532	38.28	ng	99
31) Naphthalene	8.17	128	1147883	36.83	ng	100
32) Benzoic acid	7.88	122	64667	10.04	ng	98
33) 4-Chloroaniline	8.22	127	233235	17.23	ng	98
34) Hexachlorobutadiene	8.30	225	181648	38.05	ng	99
35) Caprolactam	8.59	113	16543	5.74	ng	# 84
36) 4-Chloro-3-methylphenol	8.70	107	316122	34.85	ng	100
37) 2-Methylnaphthalene	8.87	142	838785	40.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	297584	33.77	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	323738	62.45	ng	99

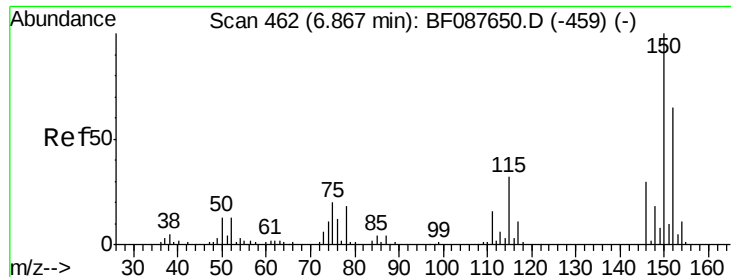
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	253772	38.13	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	206423	33.33	ng #	91
45) 1,1'-Biphenyl	9.32	154	935503	36.05	ng	99
46) 2-Chloronaphthalene	9.35	162	759138	36.75	ng	99
47) 2-Nitroaniline	9.45	65	264289	45.43	ng #	76
48) Acenaphthylene	9.77	152	1258791	39.07	ng	99
49) Dimethylphthalate	9.63	163	838396	36.06	ng	99
50) 2,6-Dinitrotoluene	9.69	165	191086	36.13	ng #	64
51) Acenaphthene	9.94	154	844751	40.75	ng	99
52) 3-Nitroaniline	9.86	138	131481	21.73	ng #	72
53) 2,4-Dinitrophenol	9.96	184	196759	81.87	ng	90
54) Dibenzofuran	10.11	168	1092688	38.72	ng	91
55) 4-Nitrophenol	10.01	139	113732	21.99	ng	94
56) 2,4-Dinitrotoluene	10.09	165	255967	38.00	ng #	63
57) Fluorene	10.46	166	831945	37.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	206105	38.63	ng #	53
59) Diethylphthalate	10.33	149	822662	35.23	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	307762	32.48	ng	96
61) 4-Nitroaniline	10.48	138	222031	38.17	ng	95
62) Azobenzene	10.60	77	870316	37.03	ng	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	142203	46.97	ng #	71
65) n-Nitrosodiphenylamine	10.57	169	778893	43.62	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	233005	43.10	ng #	93
67) Hexachlorobenzene	10.99	284	241869	40.01	ng	93
68) Atrazine	11.10	200	204012	38.57	ng	92
69) Pentachlorophenol	11.19	266	245321	68.29	ng	98
70) Phenanthrene	11.42	178	1237857	41.87	ng	99
71) Anthracene	11.46	178	1043050	35.21	ng	100
72) Carbazole	11.62	167	1220218	43.52	ng	98
73) Di-n-butylphthalate	11.95	149	1209304	40.23	ng	99
74) Fluoranthene	12.59	202	1060964	36.47	ng	98
76) Benzidine	12.72	184	240542	14.99	ng	98
77) Pyrene	12.82	202	1079126	37.24	ng	99
79) Butylbenzylphthalate	13.45	149	582118	47.20	ng	96
80) Benzo(a)anthracene	14.01	228	814799	34.69	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	178391	26.92	ng #	98
82) Chrysene	14.05	228	800308	34.23	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	616385	41.99	ng #	98
84) Di-n-octyl phthalate	14.62	149	1064156	39.00	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	824965	42.69	ng #	100
87) Benzo(b)fluoranthene	15.04	252	808713	37.19	ng #	97
88) Benzo(k)fluoranthene	15.04	252	808713	44.70	ng	98
89) Benzo(a)pyrene	15.39	252	760985	41.63	ng #	94
90) Dibenzo(a,h)anthracene	16.87	278	681538	43.81	ng	98
91) Benzo(g,h,i)perylene	17.27	276	695584	44.32	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

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SP16-JMW0991MSD

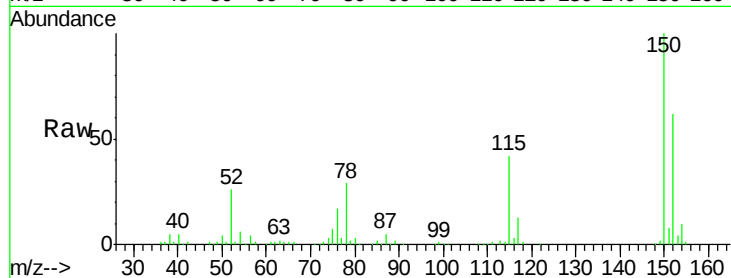
Tgt Ion:152 Resp: 156831

Ion Ratio Lower Upper

152 100

150 160.2 123.8 185.6

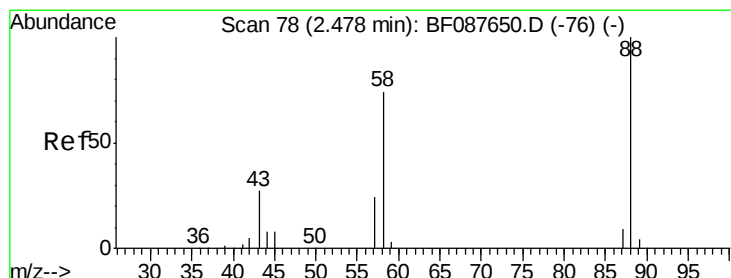
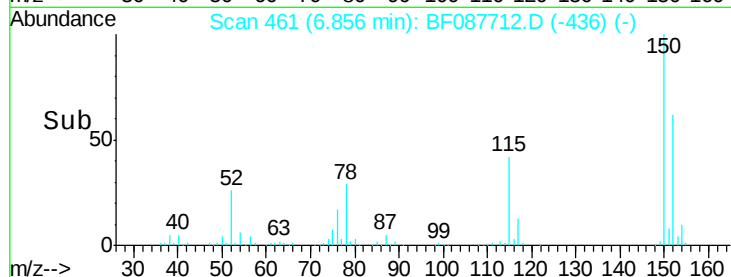
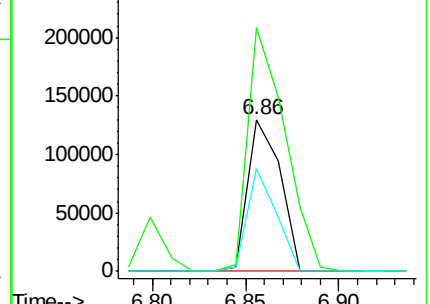
115 68.0 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.46 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.06 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

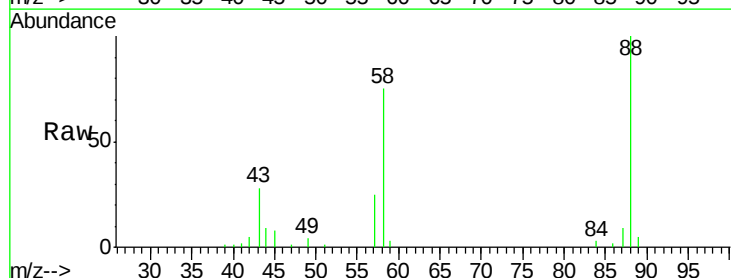
Tgt Ion: 88 Resp: 58419

Ion Ratio Lower Upper

88 100

58 78.6 0.0 0.0#

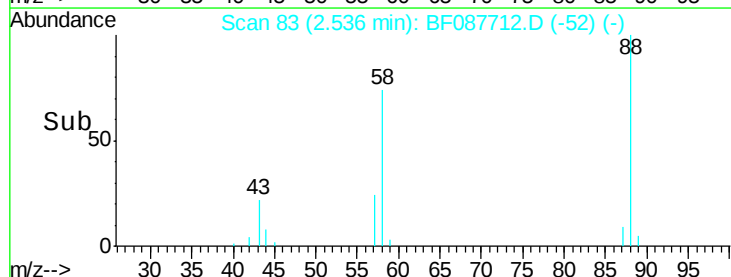
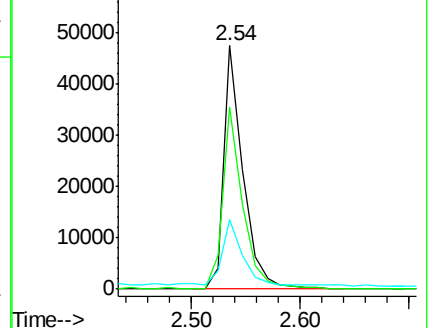
43 30.3 3.4 5.2#

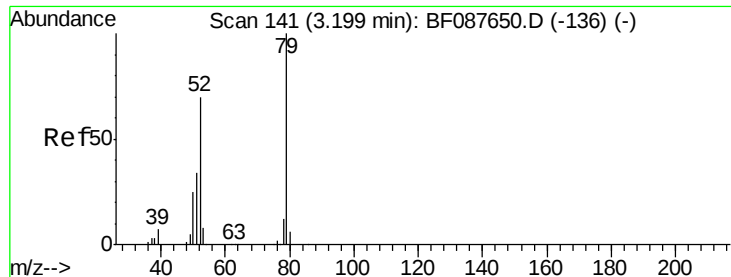


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.67 ng

RT: 3.27 min Scan# 147

Delta R.T. 0.07 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

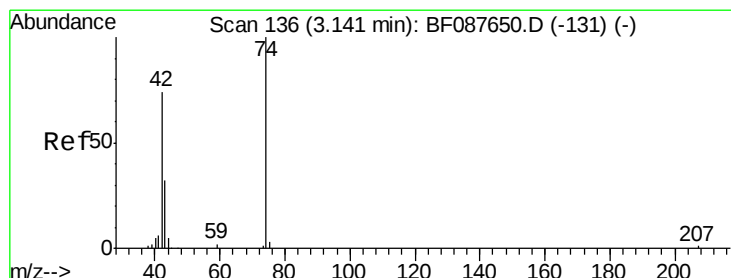
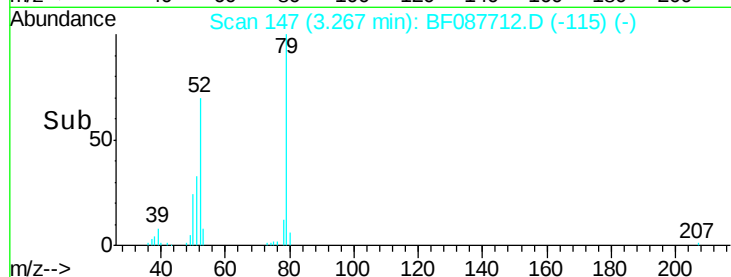
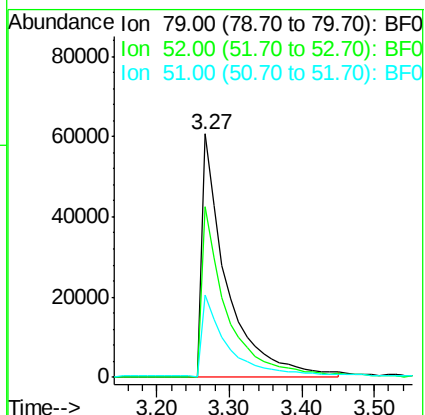
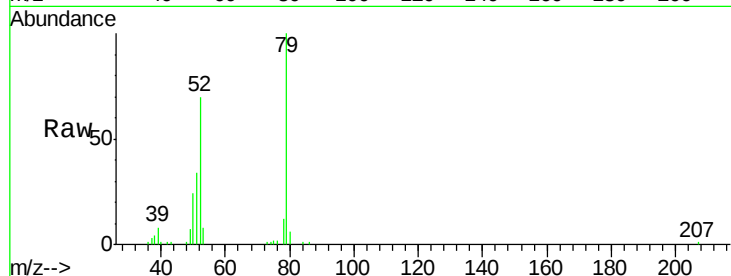
Tgt Ion: 79 Resp: 144638

Ion Ratio Lower Upper

79 100

52 70.0 56.3 84.5

51 34.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 14.91 ng

RT: 3.19 min Scan# 140

Delta R.T. 0.05 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

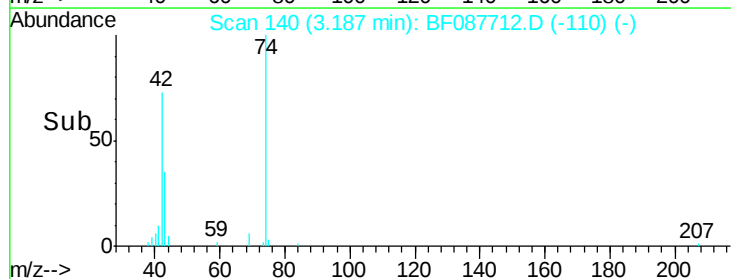
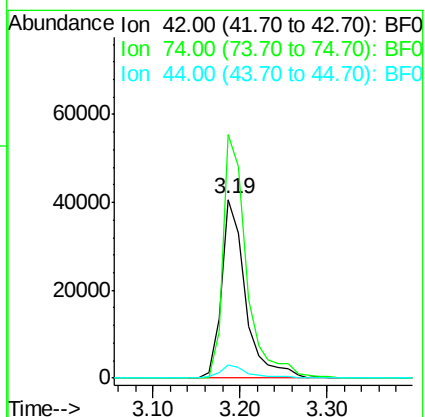
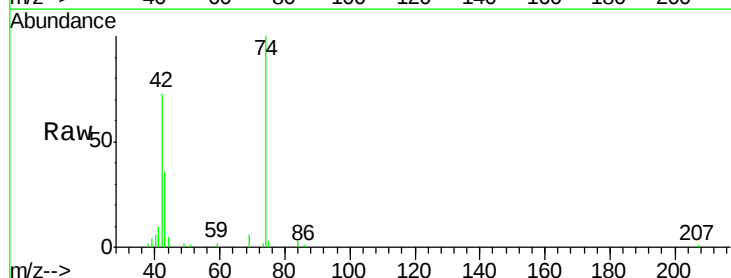
Tgt Ion: 42 Resp: 78017

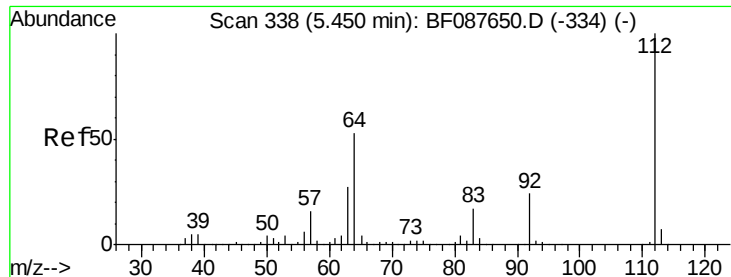
Ion Ratio Lower Upper

42 100

74 136.3 108.6 163.0

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 54.86 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

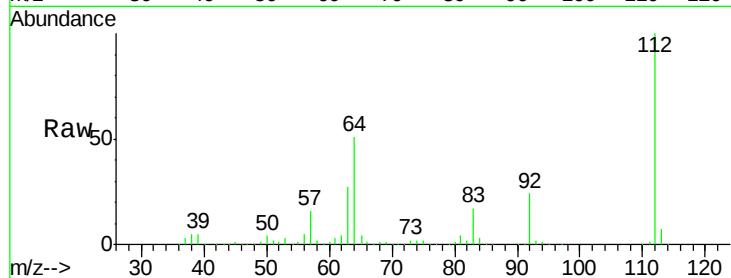
Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

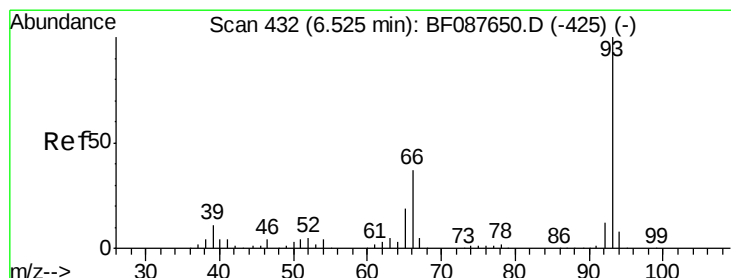
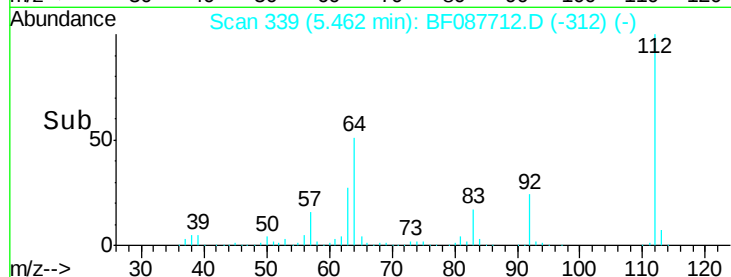
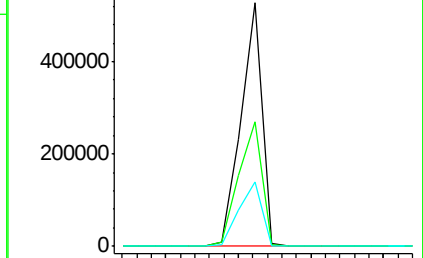
Tgt Ion:	112	Resp:	532260
Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.2	63.2
63	26.7	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.79 ng

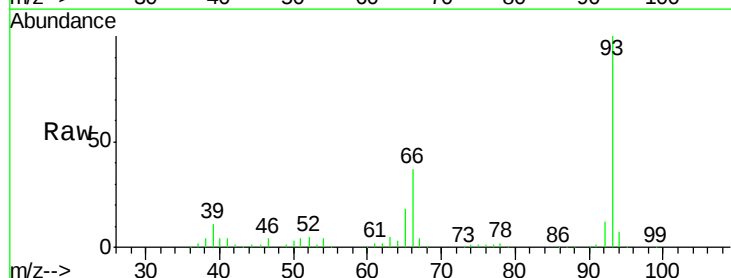
RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

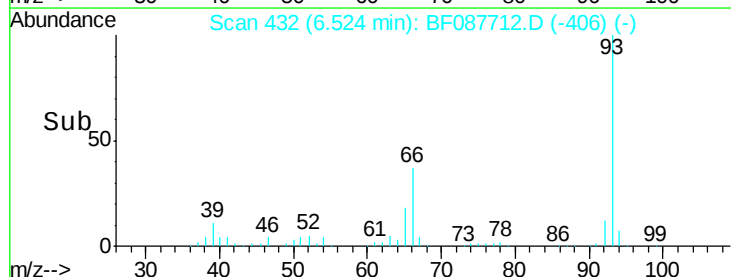
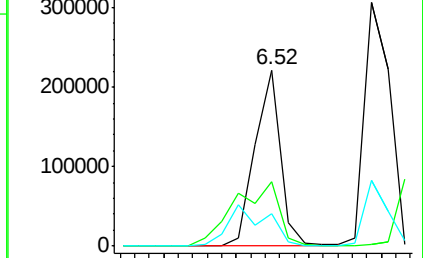
Tgt Ion:	93	Resp:	272316
Ion	Ratio	Lower	Upper
93	100		
66	36.5	29.8	44.8
65	18.2	14.9	22.3

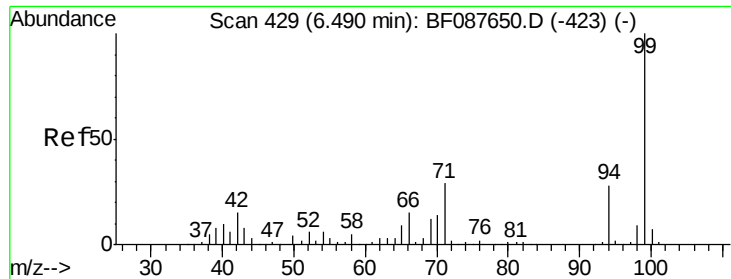


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.80 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087712.D

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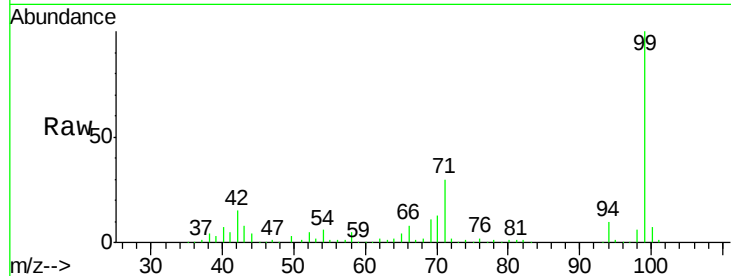
Tgt Ion: 99 Resp: 423523

Ion Ratio Lower Upper

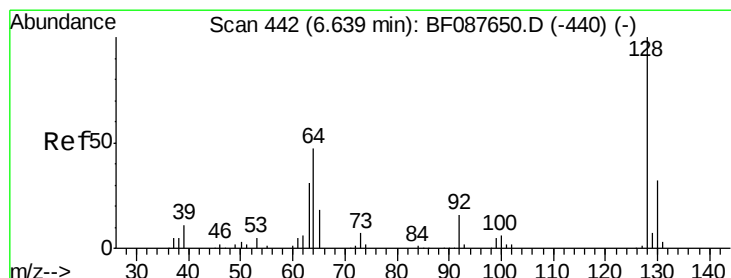
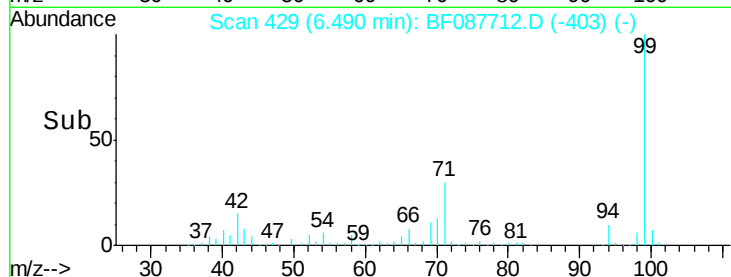
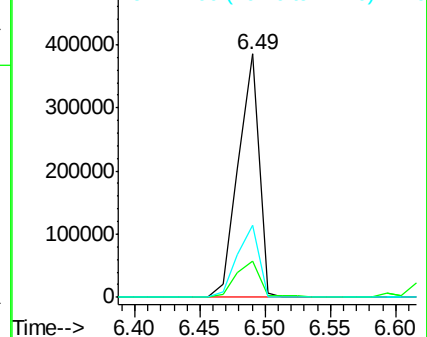
99 100

42 15.1 12.2 18.2

71 29.6 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.66 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

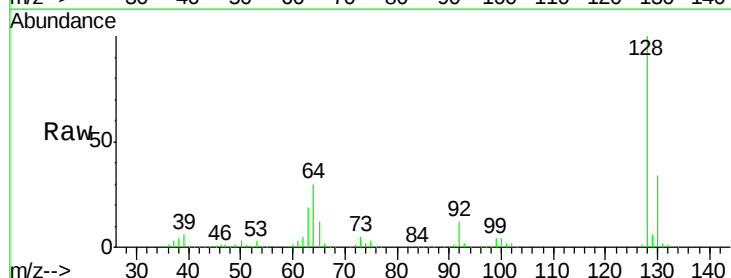
Tgt Ion: 128 Resp: 342346

Ion Ratio Lower Upper

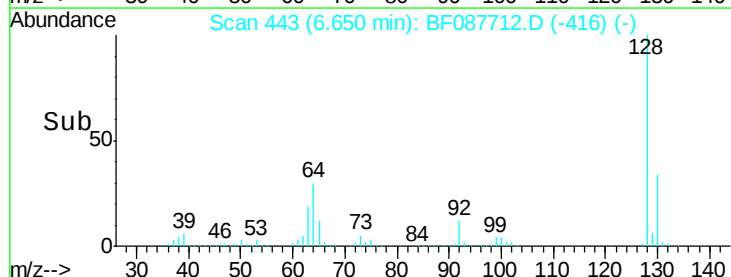
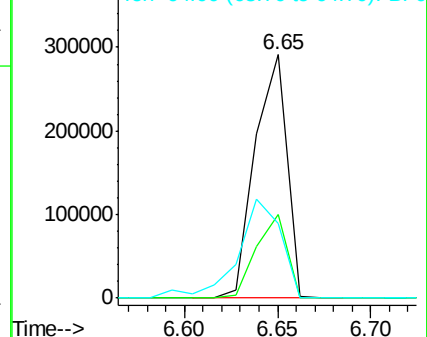
128 100

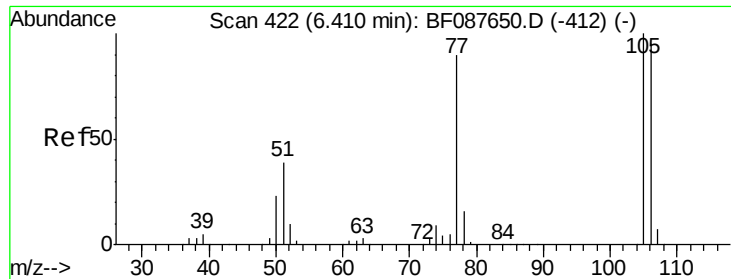
130 34.2 12.0 52.0

64 30.5 30.8 70.8#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

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SP16-JMW0991MSD

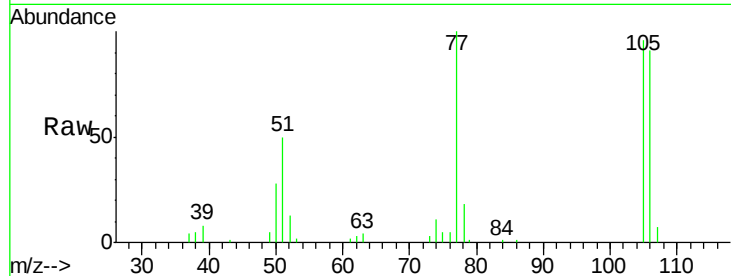
Tgt Ion: 77 Resp: 33846

Ion Ratio Lower Upper

77 100

105 96.3 90.6 130.6

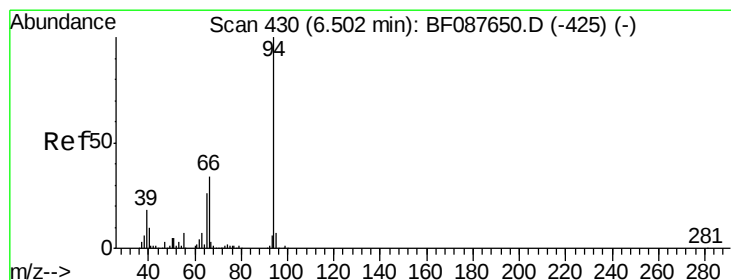
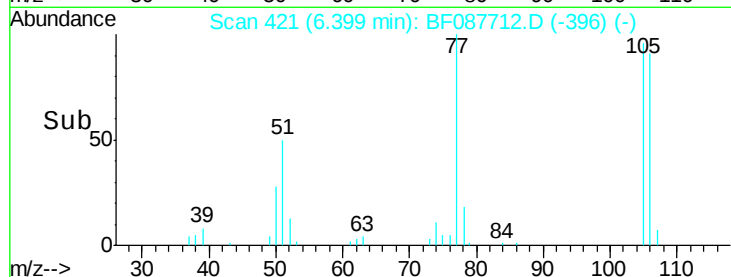
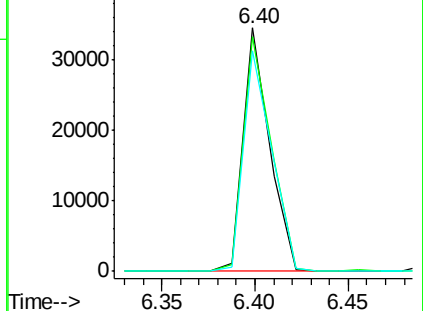
106 90.7 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 13.27 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

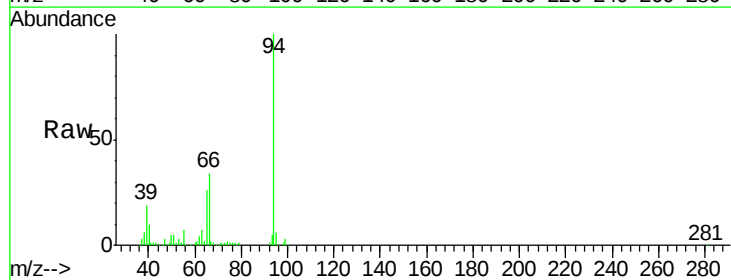
Tgt Ion: 94 Resp: 183930

Ion Ratio Lower Upper

94 100

65 26.1 5.9 45.9

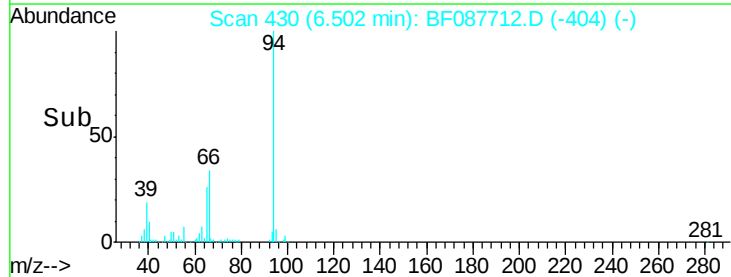
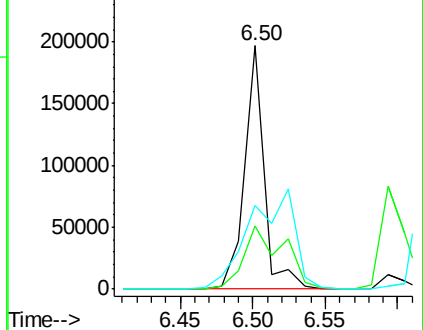
66 34.1 14.0 54.0

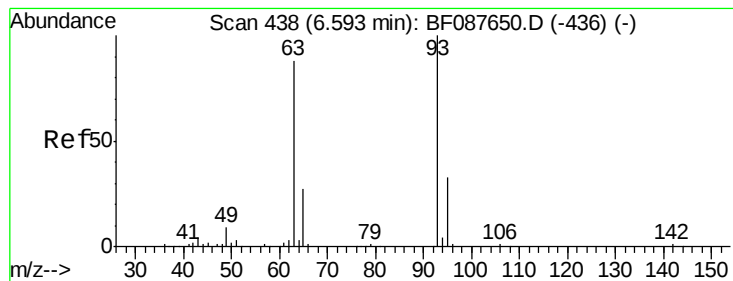


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

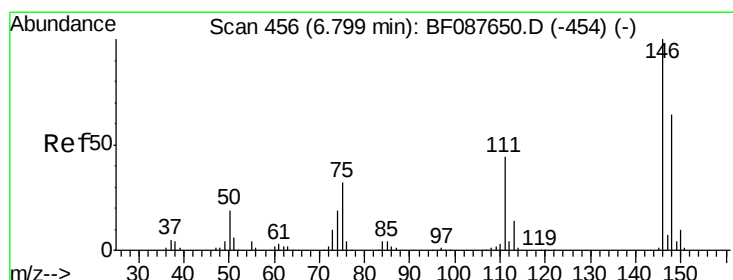
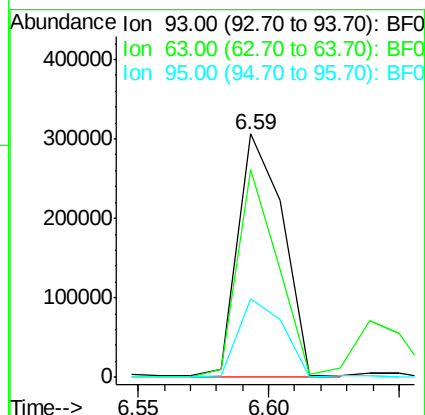
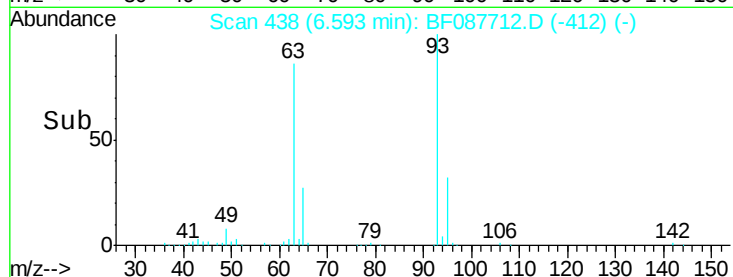
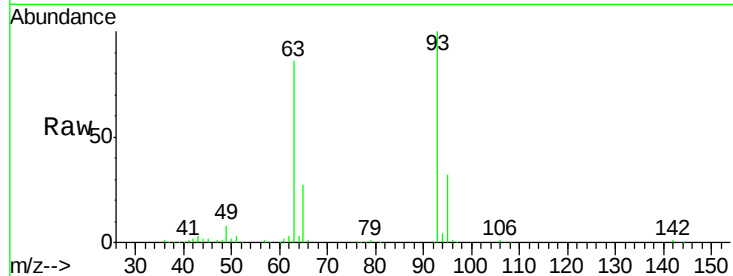




#11
bis(2-Chloroethyl)ether
Concen: 37.01 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

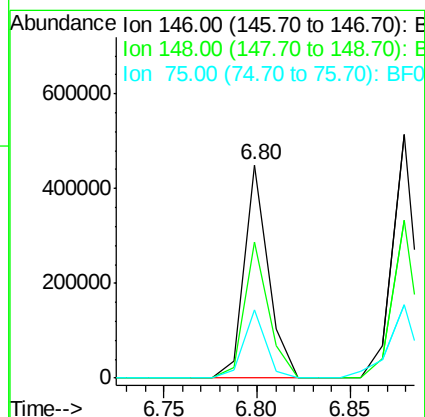
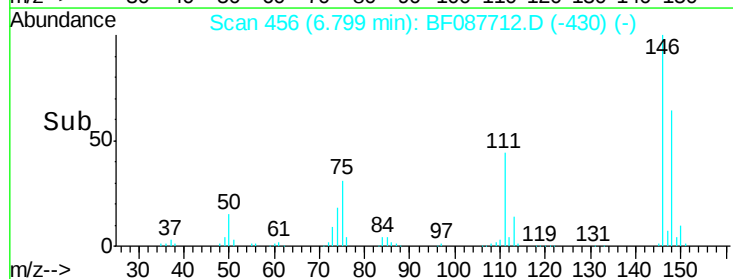
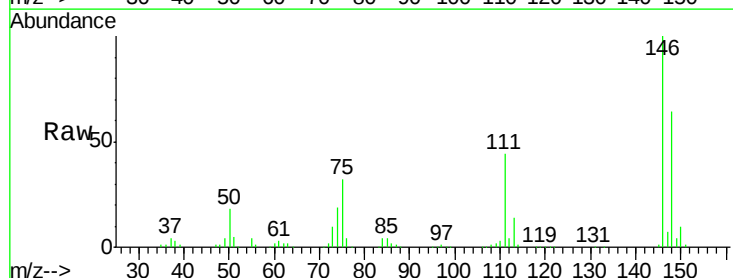
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

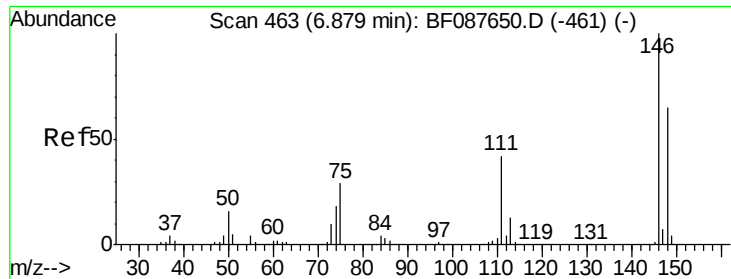
Tgt Ion: 93 Resp: 372635
Ion Ratio Lower Upper
93 100
63 85.6 67.6 107.6
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 33.87 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 146 Resp: 404849
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 31.8 25.6 38.4

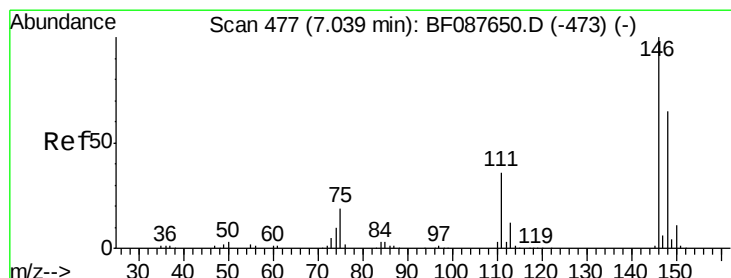
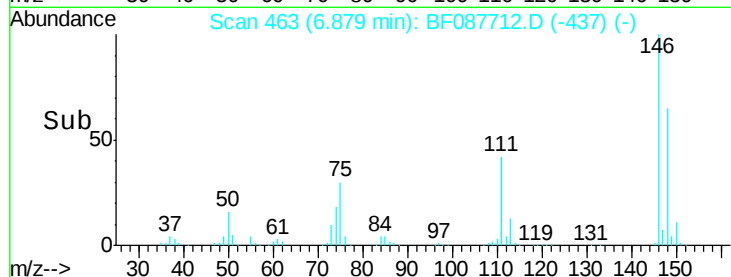
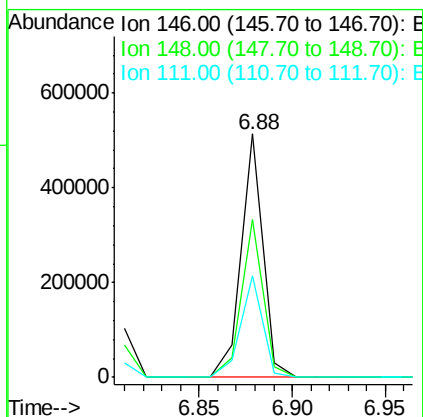
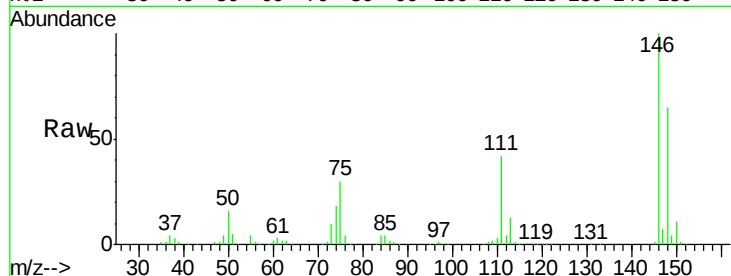




#13
 1,4-Dichlorobenzene
 Concen: 35.10 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

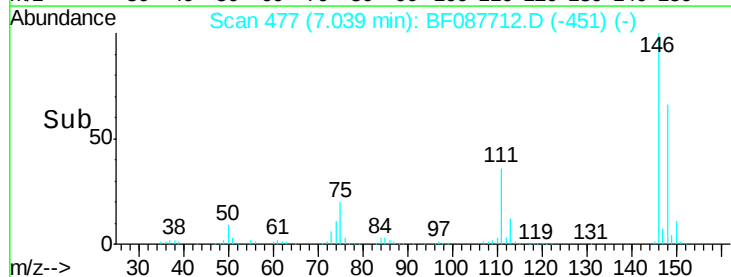
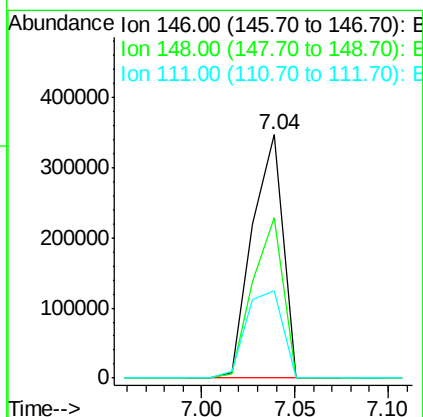
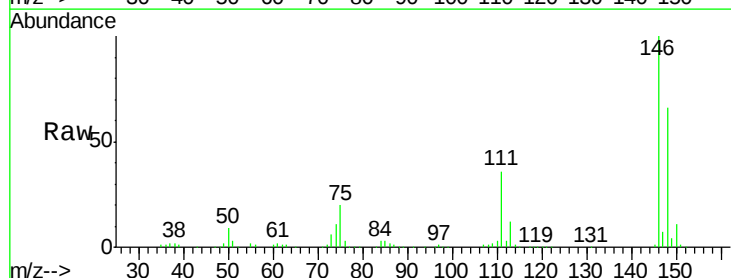
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

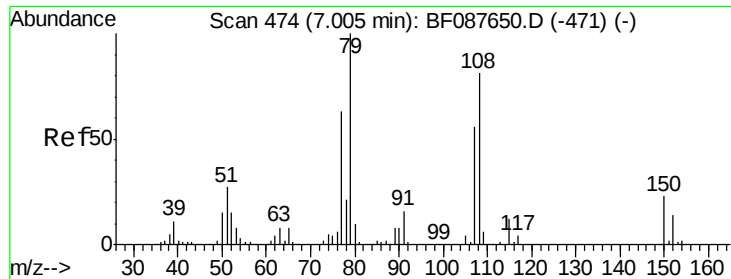
Tgt Ion:146 Resp: 421005
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 41.6 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 35.08 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:146 Resp: 394533
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.3 78.5
 111 36.0 28.7 43.1





#15

Benzyl Alcohol

Concen: 24.91 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

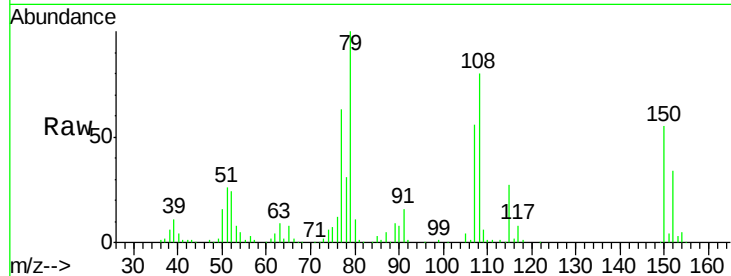
Tgt Ion: 79 Resp: 223966

Ion Ratio Lower Upper

79 100

108 80.2 65.0 97.6

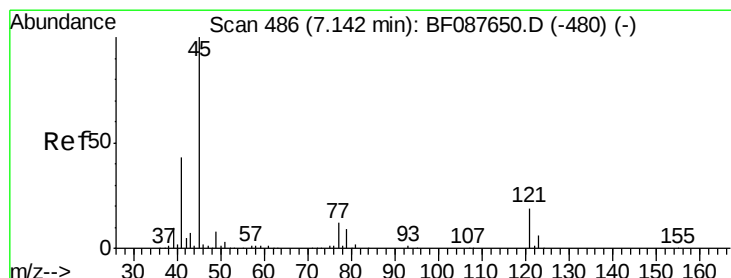
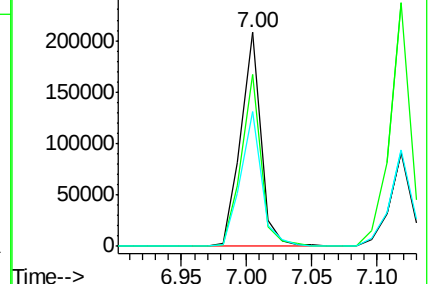
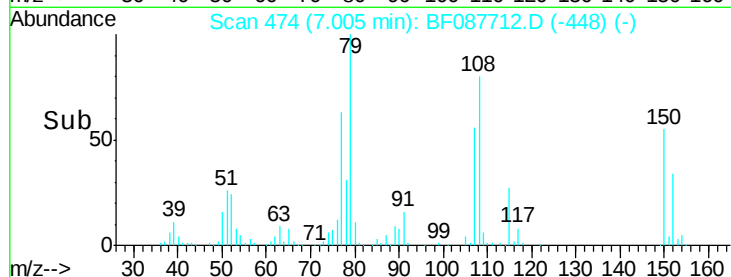
77 63.0 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.12 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

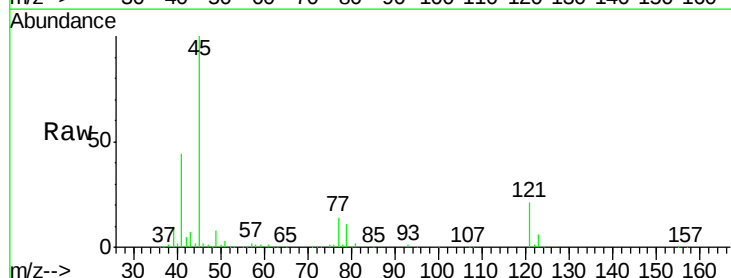
Tgt Ion: 45 Resp: 559711

Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.5

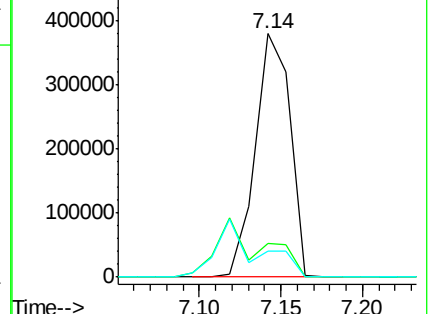
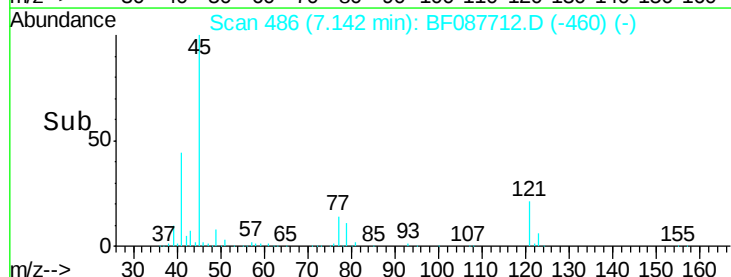
79 10.6 0.0 29.5

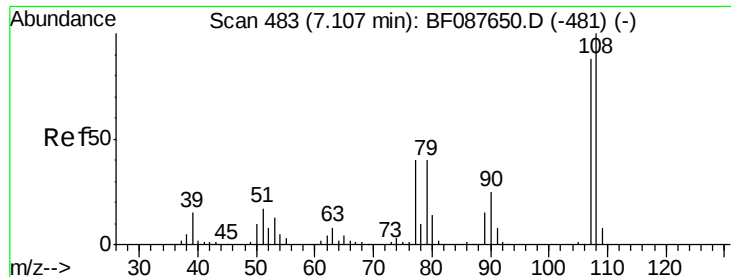


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

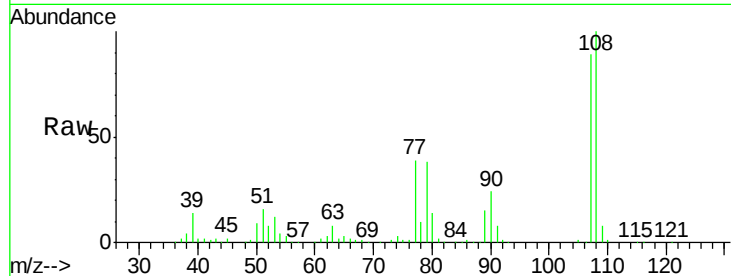




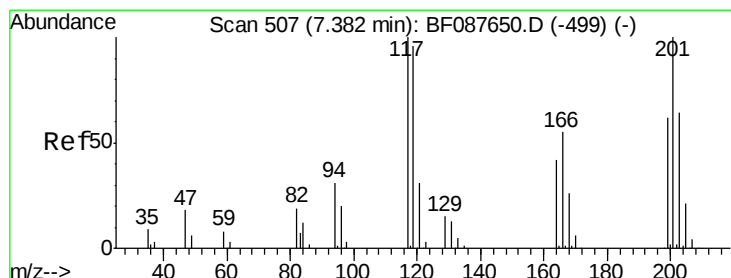
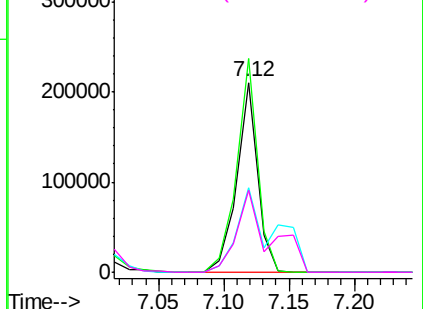
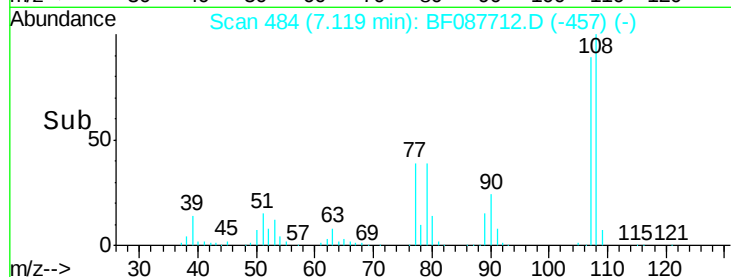
#17
2-Methylphenol
Concen: 25.83 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tgt Ion:107 Resp: 231564
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 44.3 36.6 55.0
79 43.3 36.5 54.7

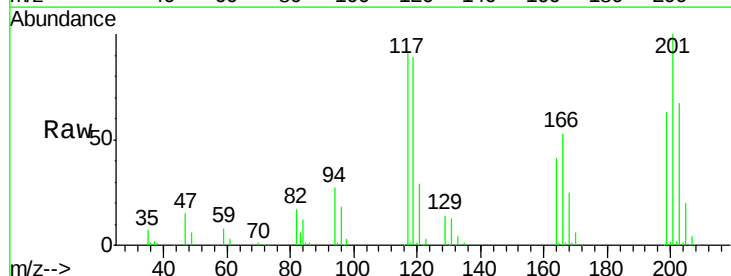


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

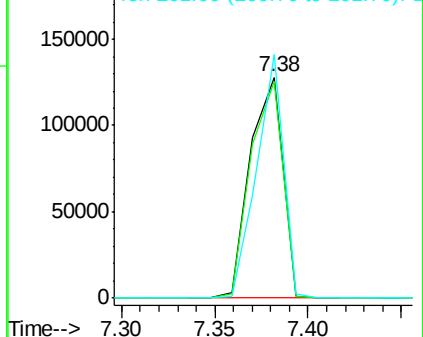
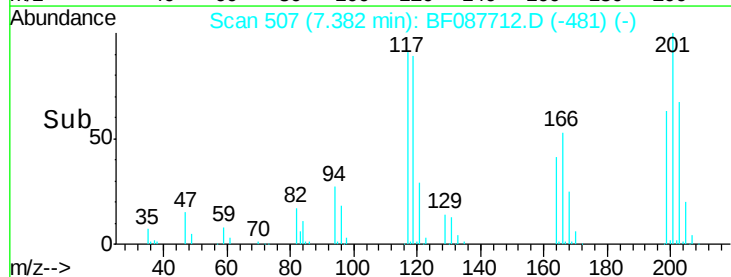


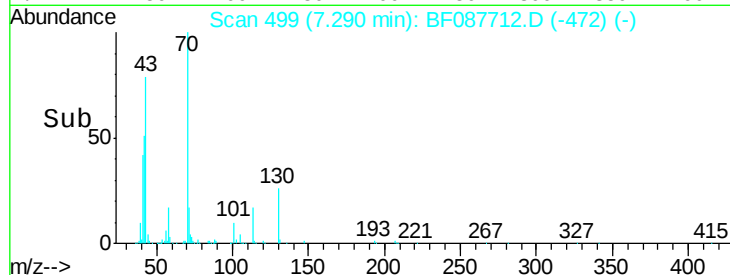
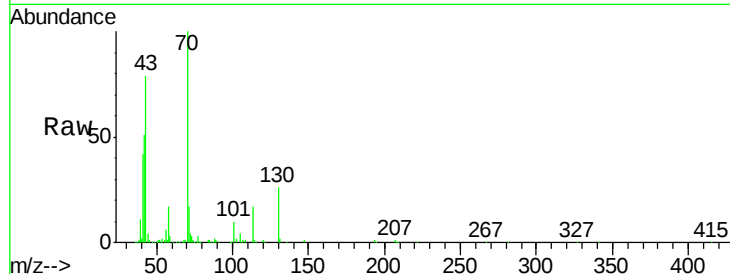
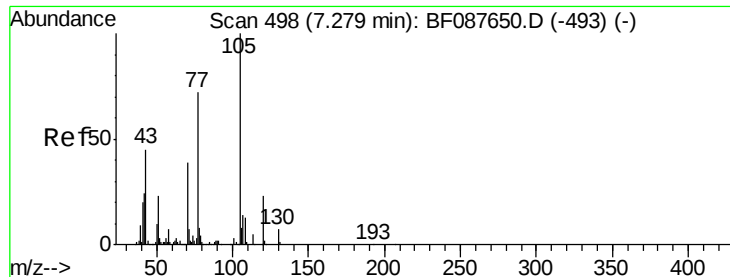
#18
Hexachloroethane
Concen: 36.79 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:117 Resp: 154304
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.2
201 110.3 80.4 120.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

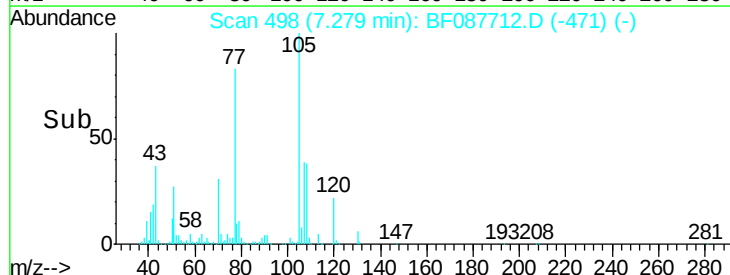
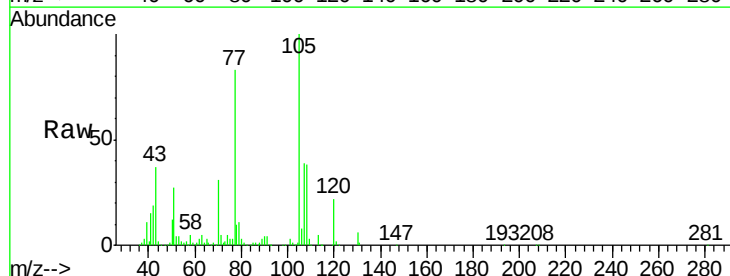
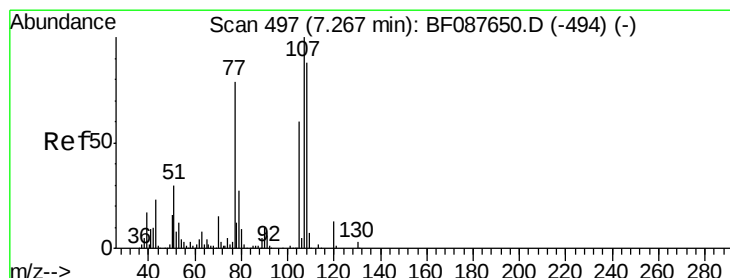
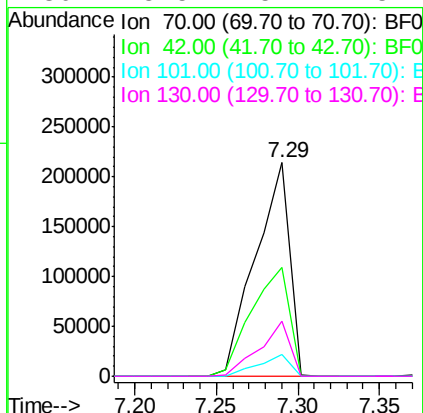




#19
n-Nitroso-di-n-propylamine
Concen: 41.12 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

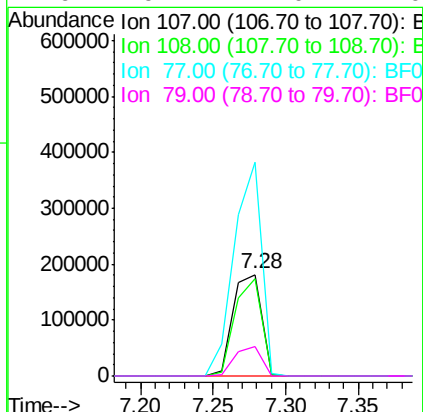
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

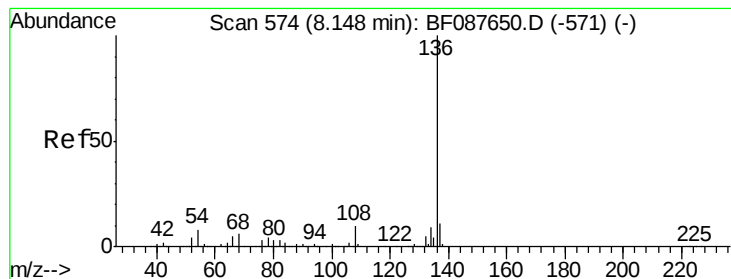
Tgt Ion:	70	Resp:	312502
Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.6	74.4
101	10.4	7.1	10.7
130	25.5	15.4	23.2#



#20
3+4-Methylphenols
Concen: 22.53 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:	107	Resp:	247453
Ion	Ratio	Lower	Upper
107	100		
108	95.2	67.8	107.8
77	210.4	59.3	99.3#
79	29.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tgt Ion:136 Resp: 641010

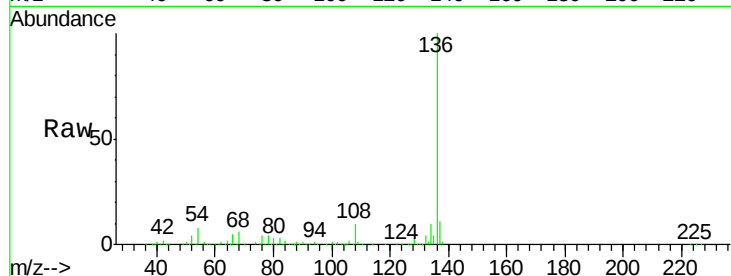
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.4 5.1 7.7

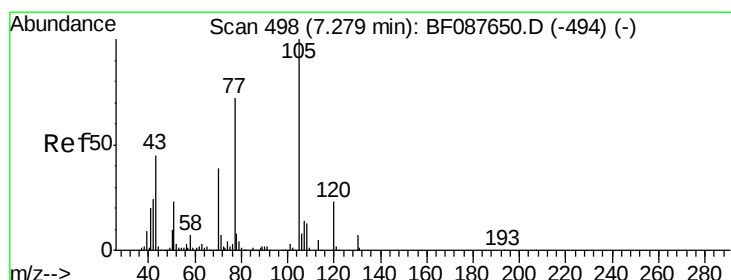
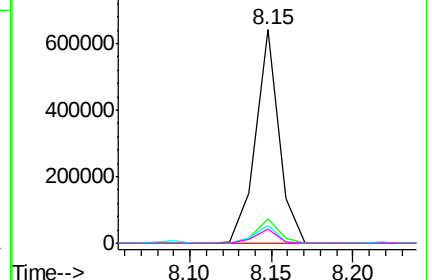
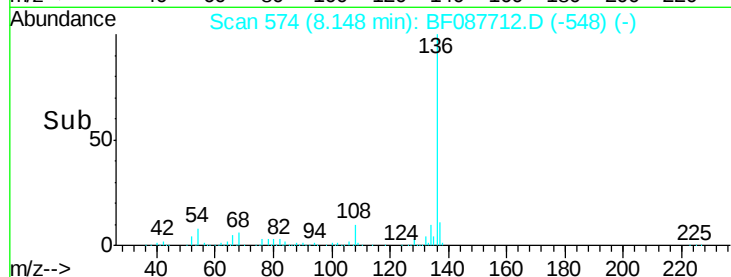


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.61 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Tgt Ion:105 Resp: 575117

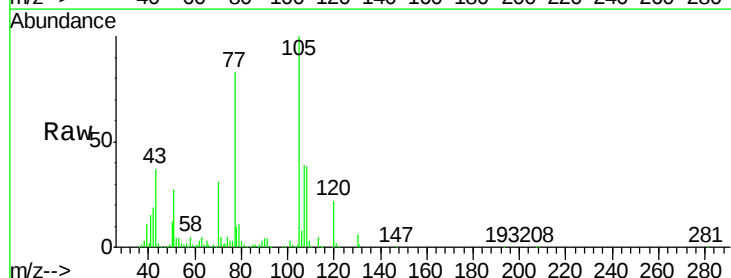
Ion Ratio Lower Upper

105 100

71 5.3 5.3 7.9

51 26.6 18.2 27.4

120 22.3 18.0 27.0

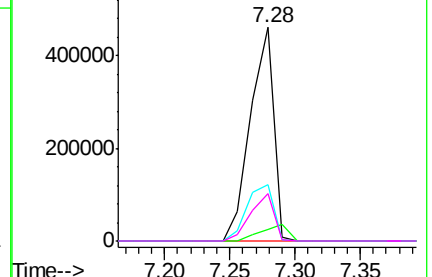
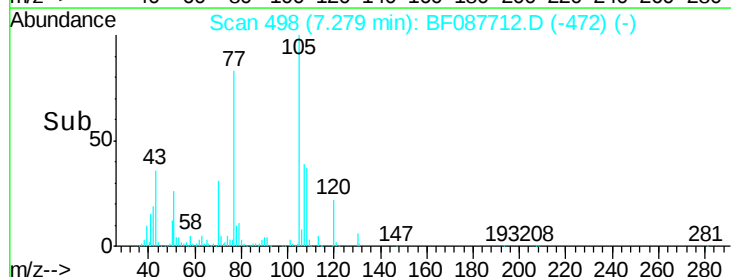


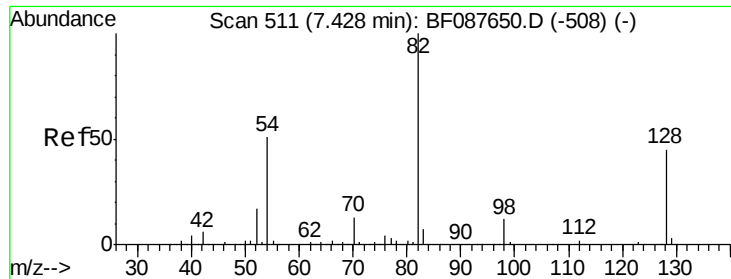
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

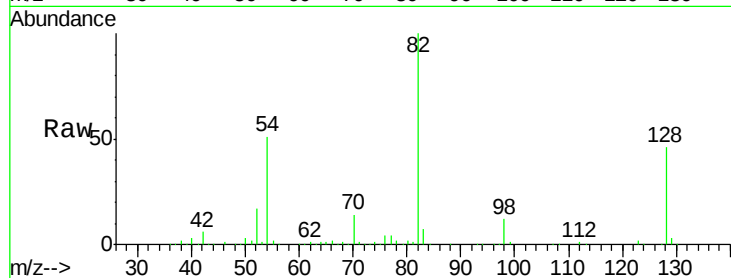




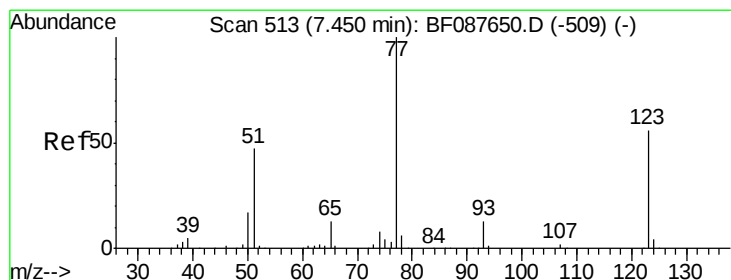
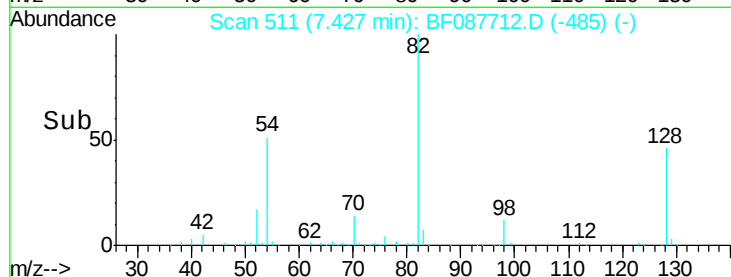
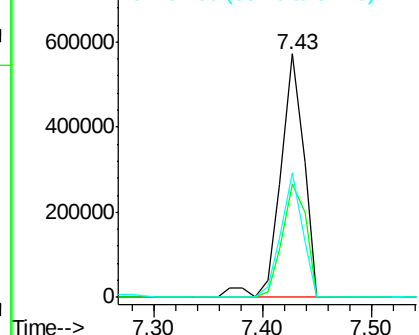
#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion: 82 Resp: 852384
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.9 53.9
 54 51.0 40.9 61.3

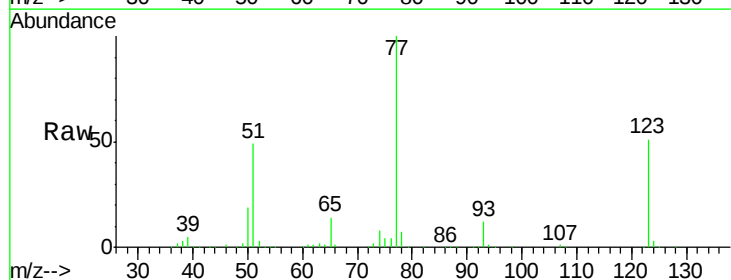


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

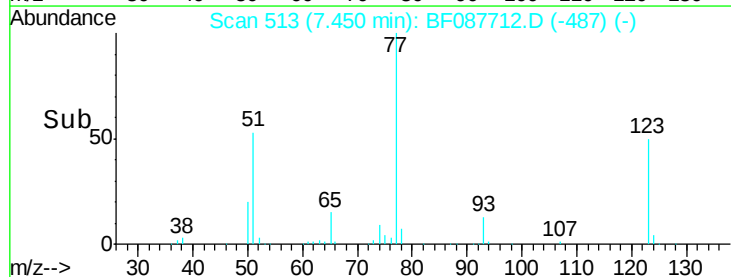
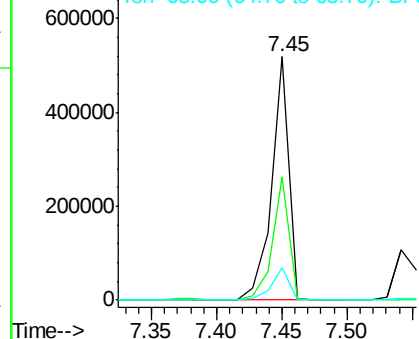


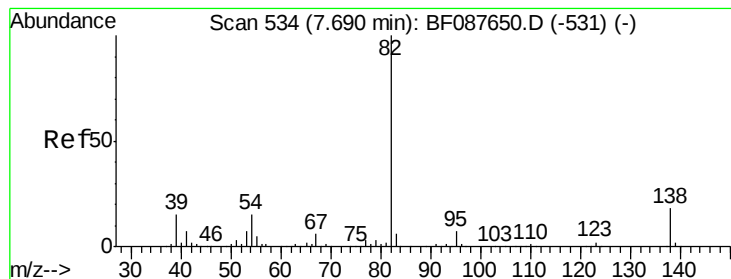
#24
 Nitrobenzene
 Concen: 42.81 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion: 77 Resp: 474659
 Ion Ratio Lower Upper
 77 100
 123 50.7 45.0 67.4
 65 13.5 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.46 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

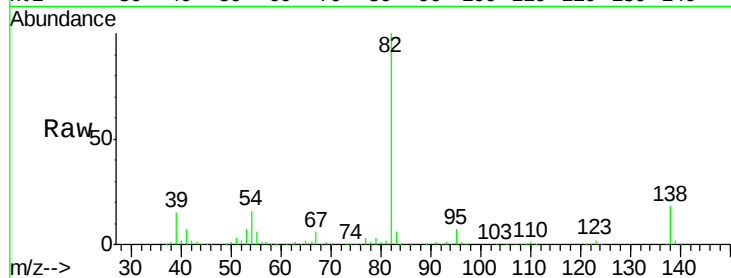
Tgt Ion: 82 Resp: 796020

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

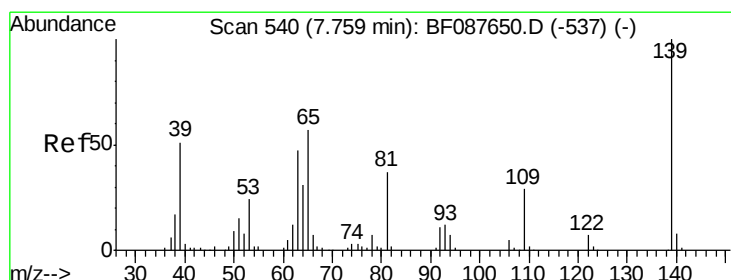
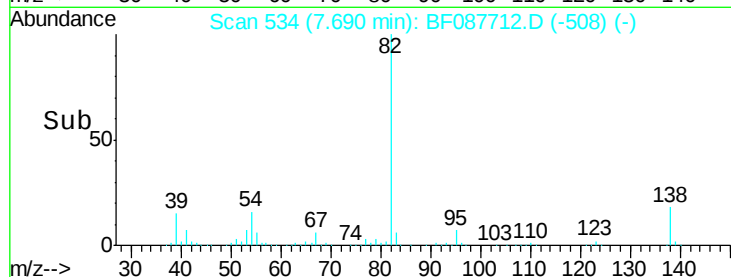
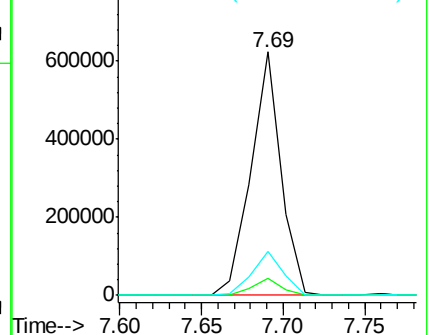
138 17.9 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.76 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

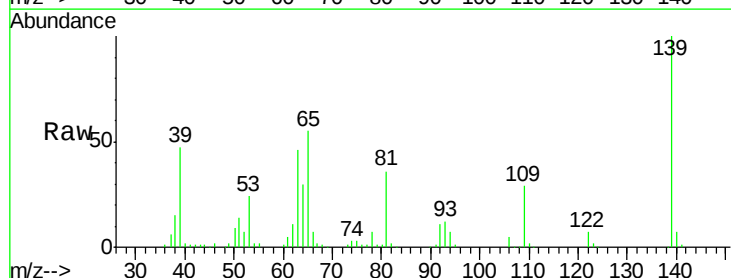
Tgt Ion: 139 Resp: 225444

Ion Ratio Lower Upper

139 100

109 28.9 23.0 34.4

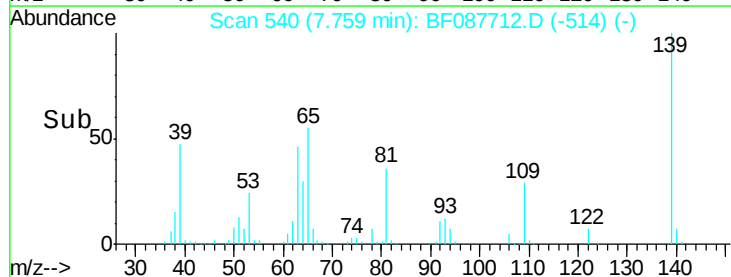
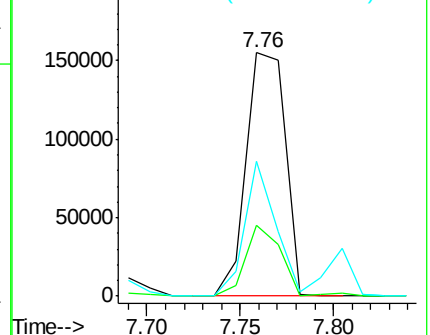
65 55.3 45.8 68.8

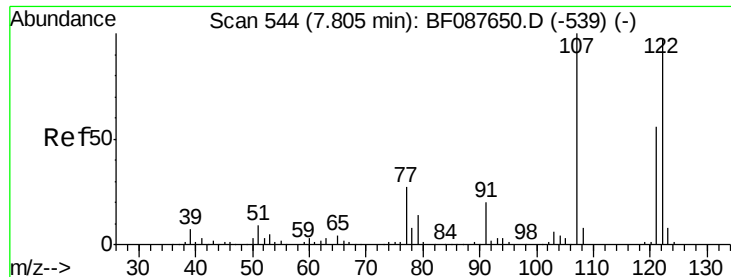


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

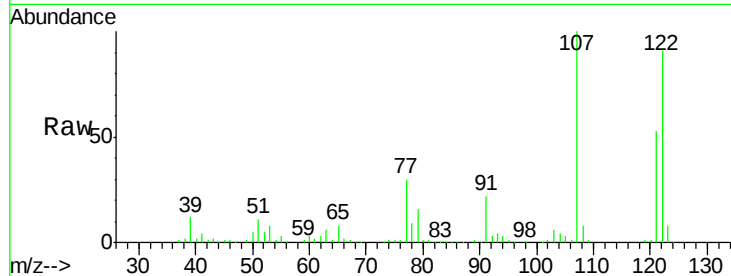




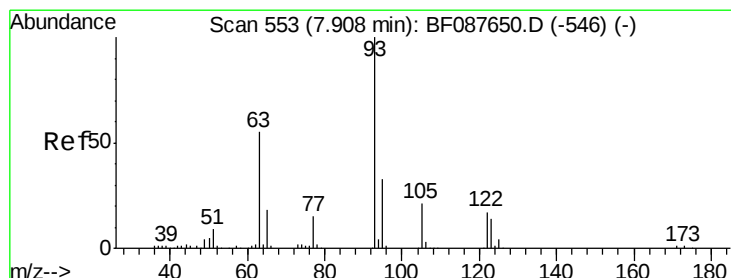
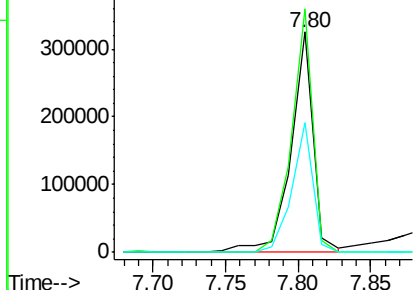
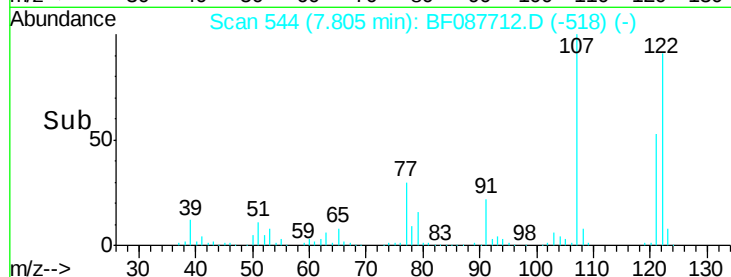
#27
 2,4-Dimethylphenol
 Concen: 32.26 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion: 122 Resp: 344413
 Ion Ratio Lower Upper
 122 100
 107 110.5 82.4 123.6
 121 58.8 46.3 69.5

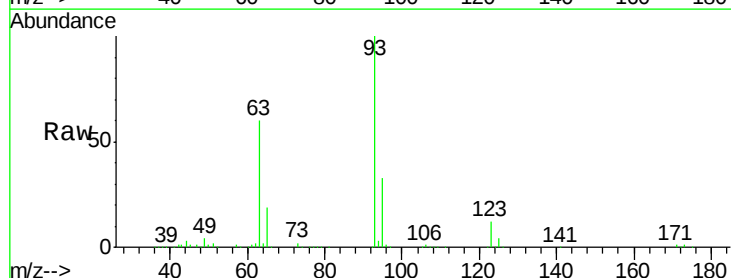


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

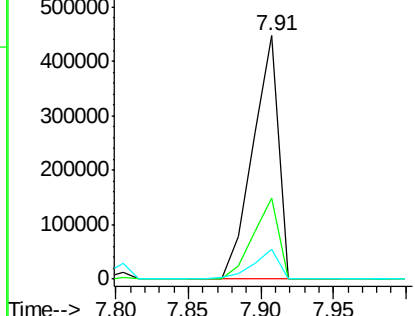
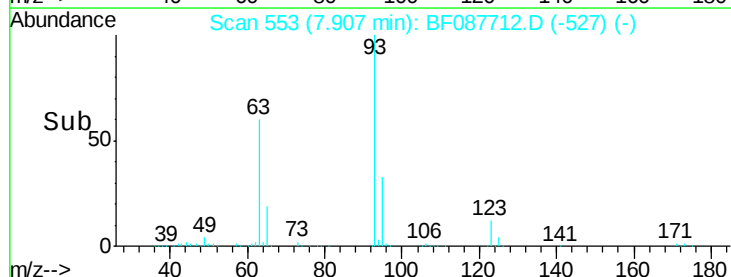


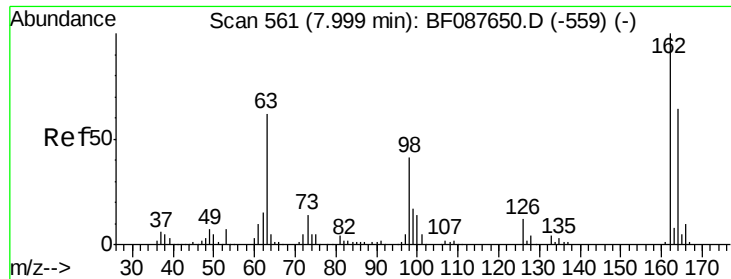
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.84 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion: 93 Resp: 548172
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 12.4 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

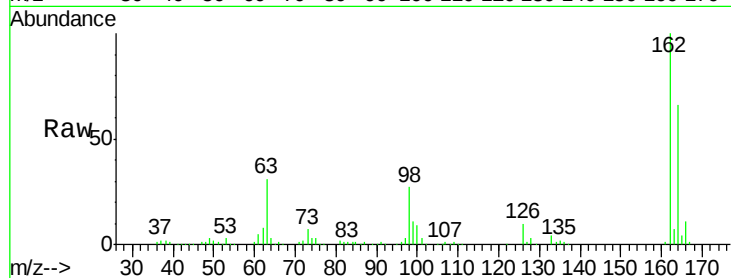




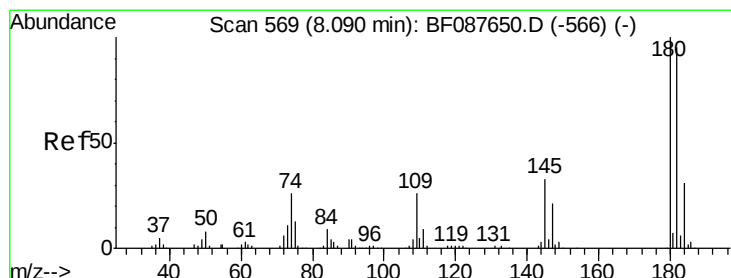
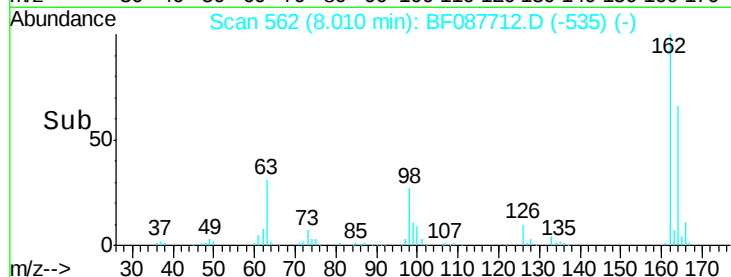
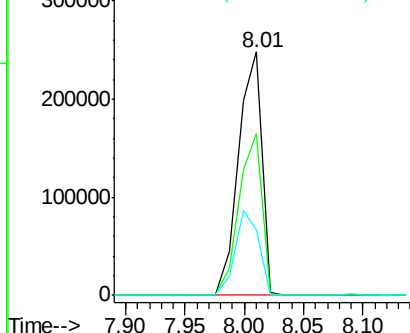
#29
 2,4-Dichlorophenol
 Concen: 38.82 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion:162 Resp: 340439
 Ion Ratio Lower Upper
 162 100
 164 66.4 43.8 83.8
 98 26.8 21.3 61.3

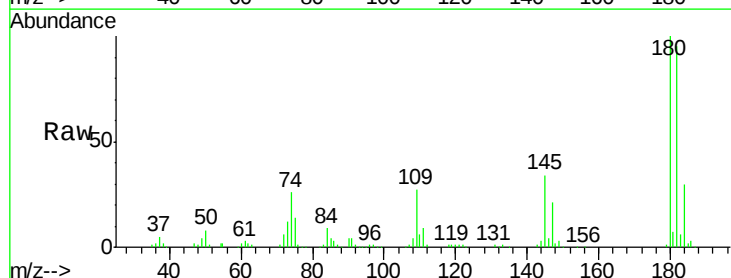


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

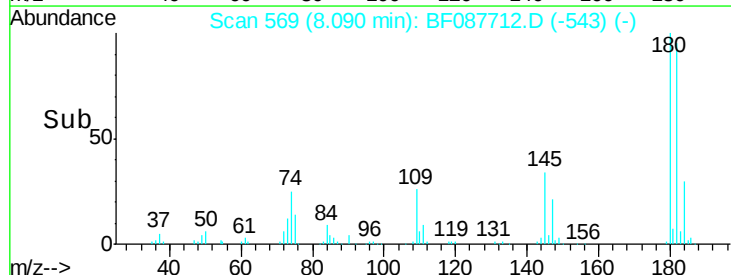
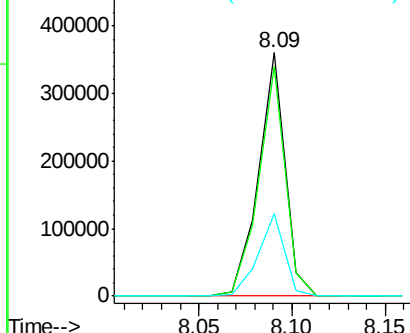


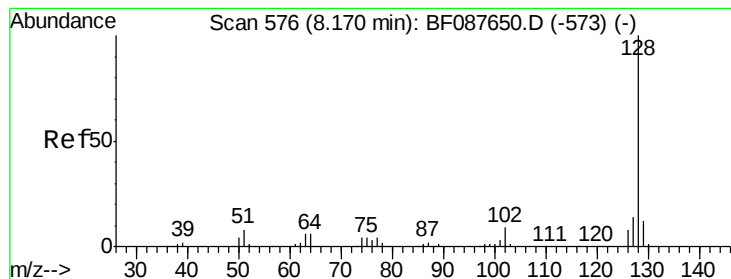
#30
 1,2,4-Trichlorobenzene
 Concen: 38.28 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:180 Resp: 351532
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.0 114.0
 145 33.7 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.83 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

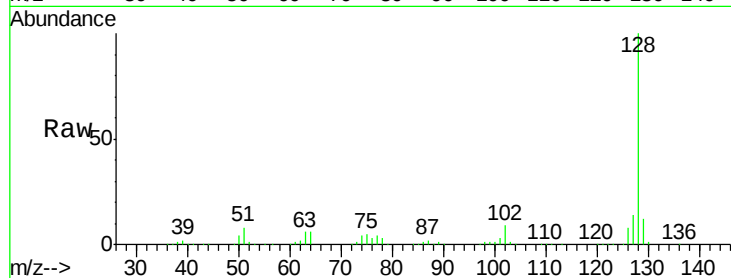
Tgt Ion:128 Resp: 1147883

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

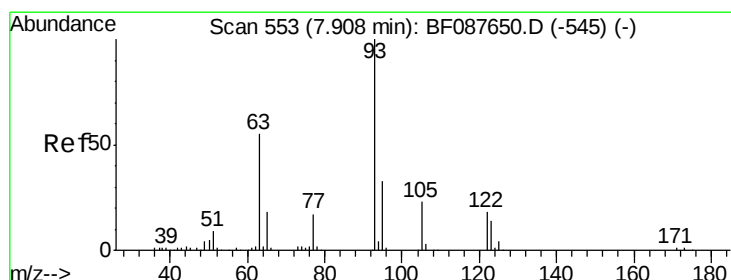
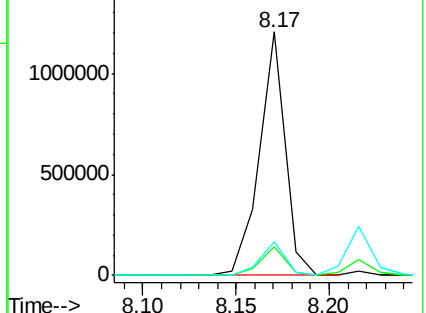
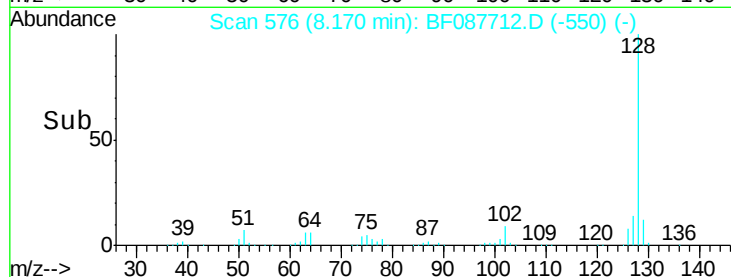
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.04 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

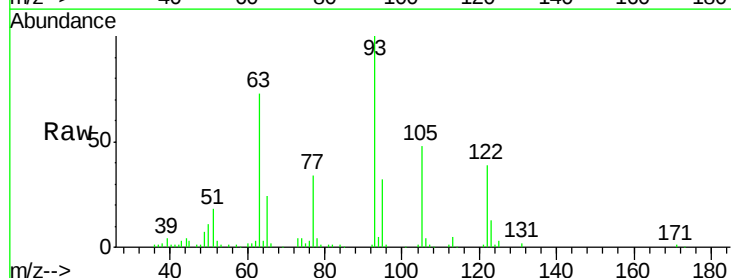
Tgt Ion:122 Resp: 64667

Ion Ratio Lower Upper

122 100

105 121.3 101.6 141.6

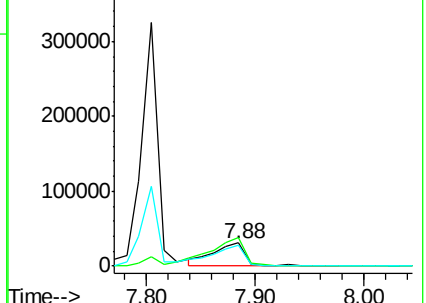
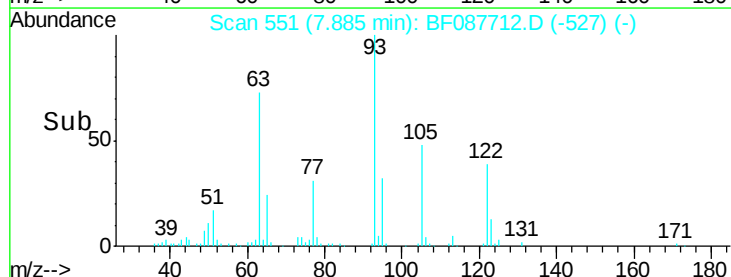
77 87.4 70.6 110.6

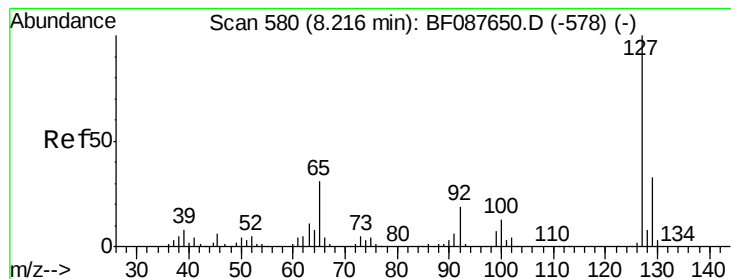


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.23 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tgt Ion:127 Resp: 233235

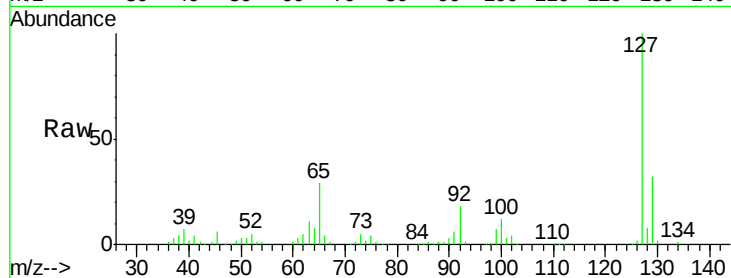
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 28.8 24.7 37.1

92 18.2 15.4 23.0

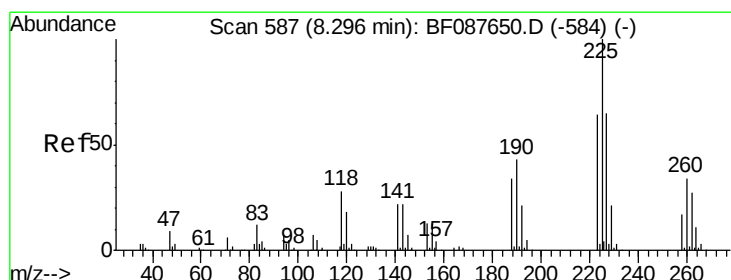
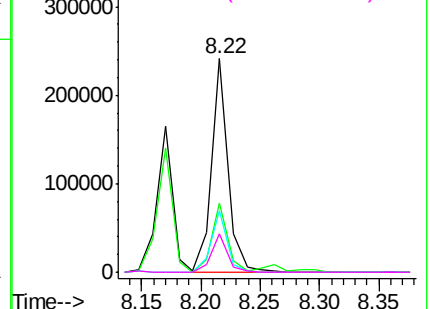
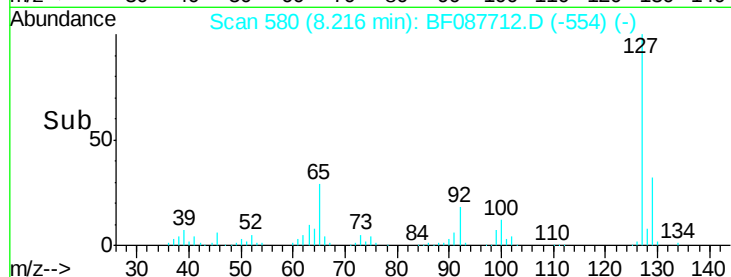


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.05 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

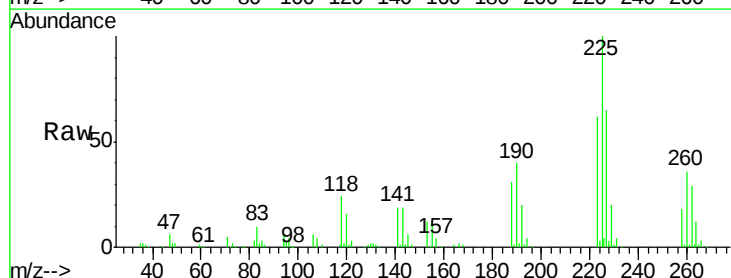
Tgt Ion:225 Resp: 181648

Ion Ratio Lower Upper

225 100

223 61.8 50.9 76.3

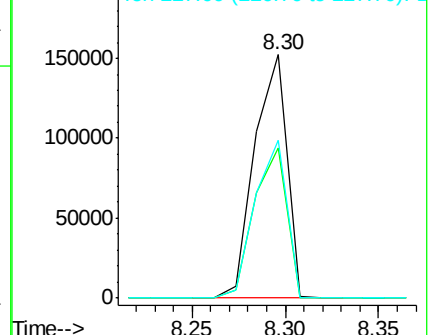
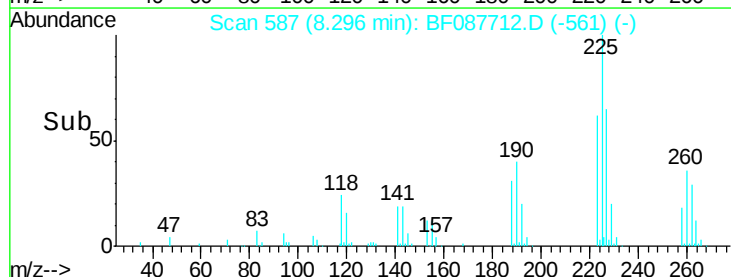
227 65.0 51.9 77.9

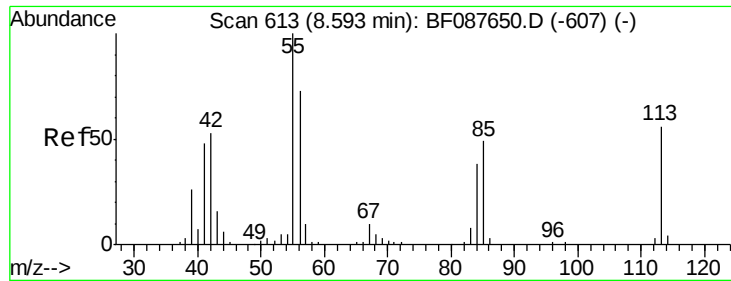


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

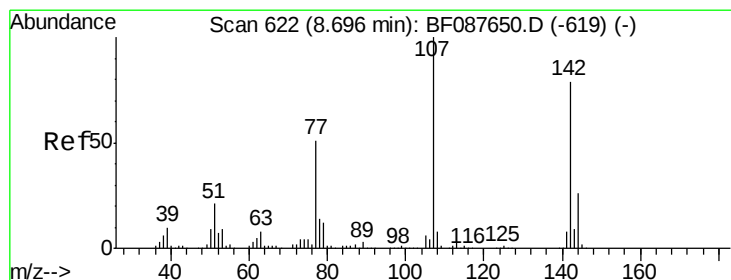
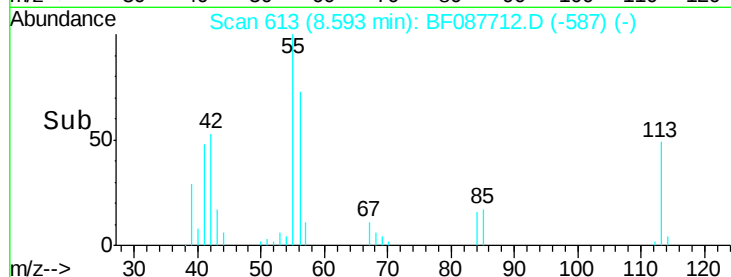
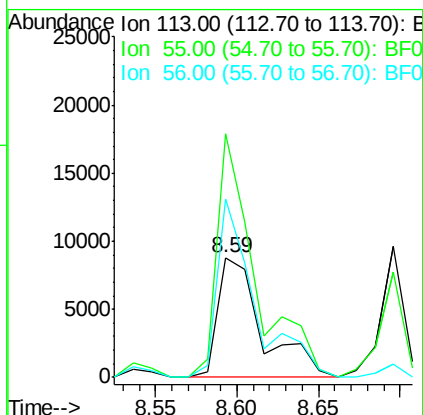
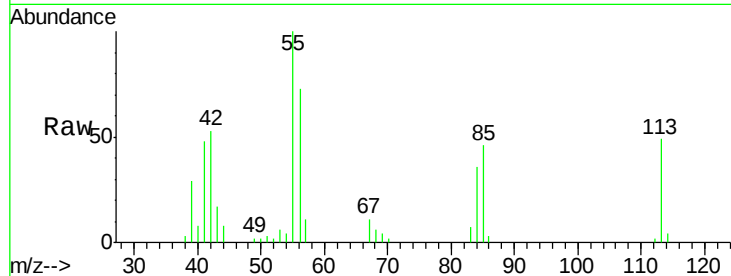




#35
 Caprolactam
 Concen: 5.74 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

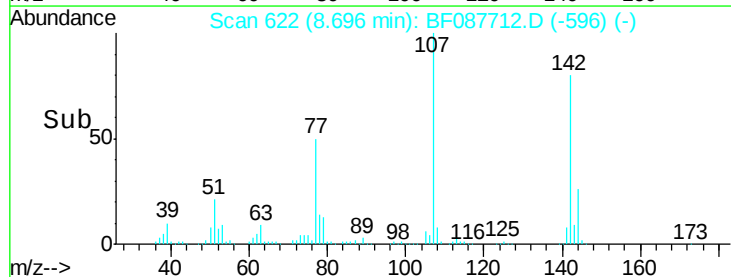
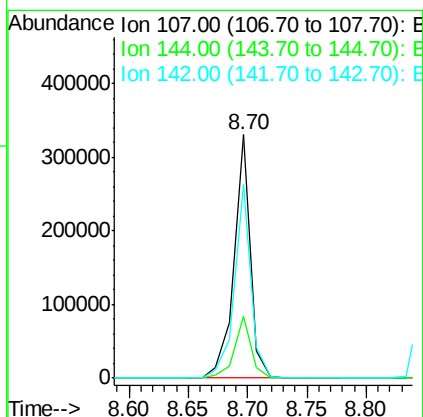
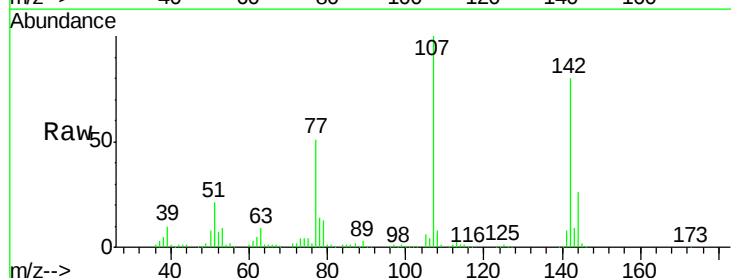
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

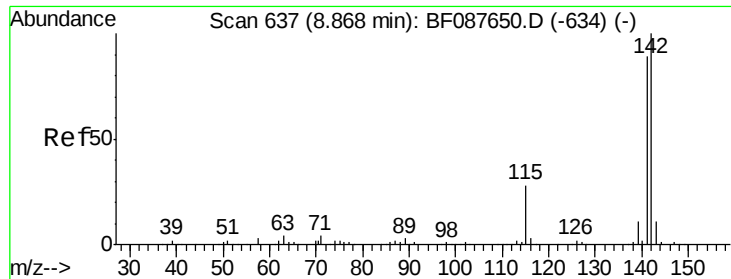
Tgt Ion:113 Resp: 16543
 Ion Ratio Lower Upper
 113 100
 55 202.9 158.6 198.6#
 56 148.2 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.85 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:107 Resp: 316122
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.8 31.2
 142 79.6 63.4 95.2

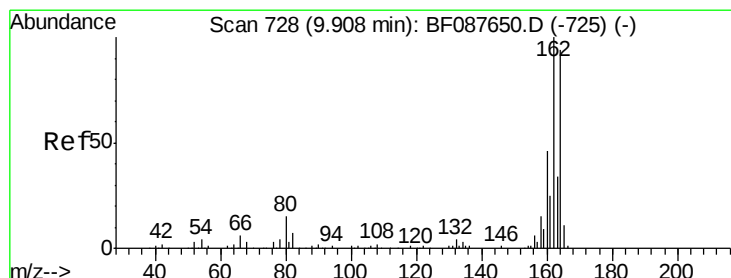
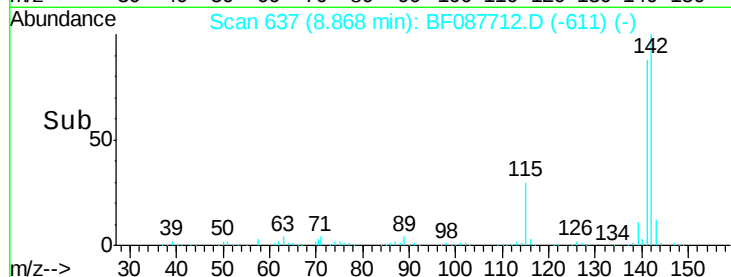
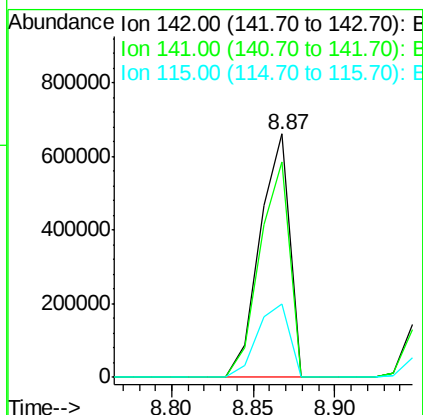
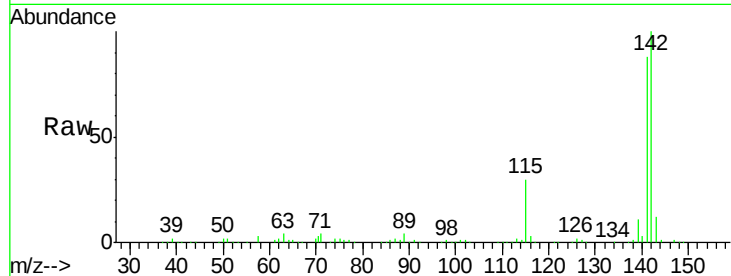




#37
 2-Methylnaphthalene
 Concen: 40.75 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

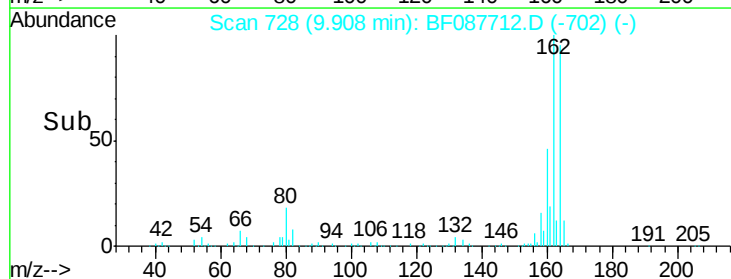
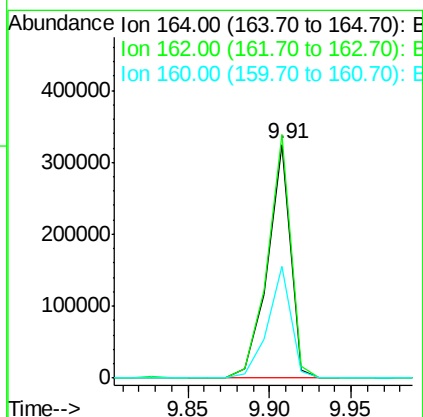
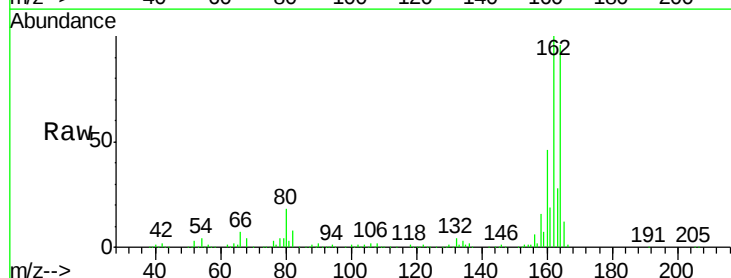
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

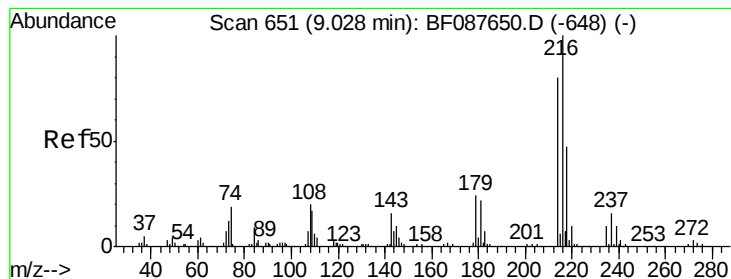
Tgt Ion:142 Resp: 838785
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 30.4 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:164 Resp: 319786
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.4 128.2
 160 47.5 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.77 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tgt Ion:216 Resp: 297584

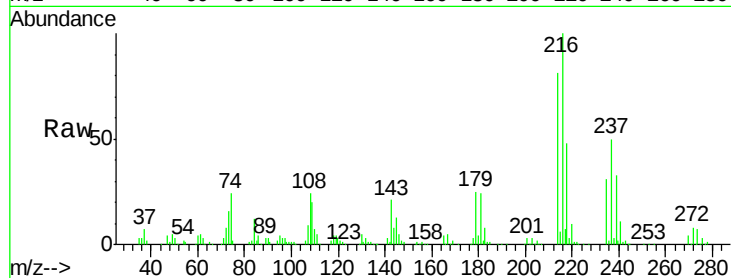
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 22.8 0.0 0.0#

108 24.1 0.5 0.7#

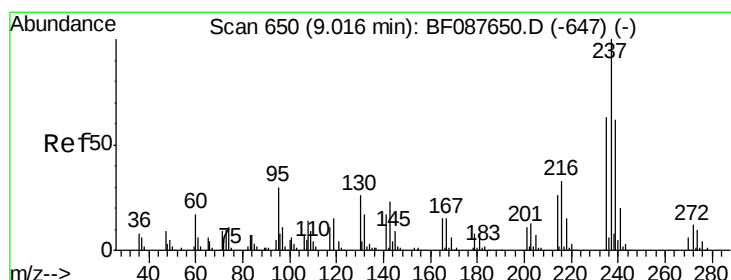
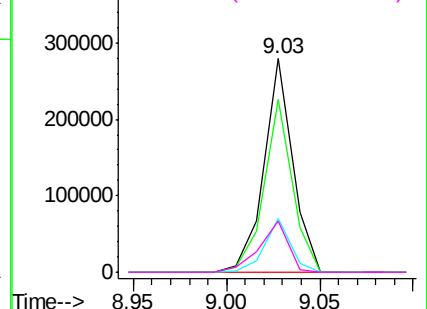
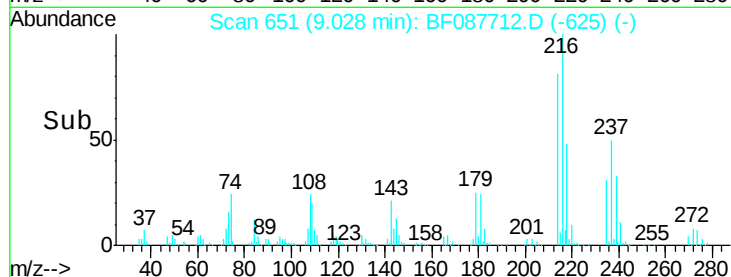


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.45 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

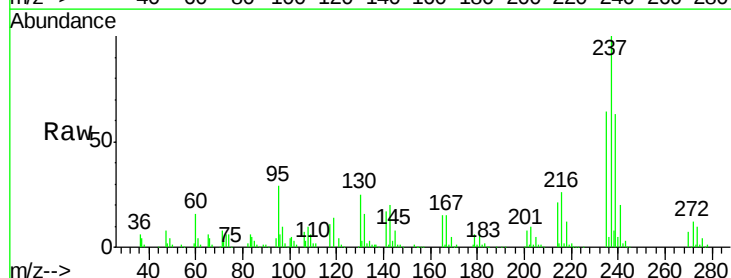
Tgt Ion:237 Resp: 323738

Ion Ratio Lower Upper

237 100

235 64.2 43.4 83.4

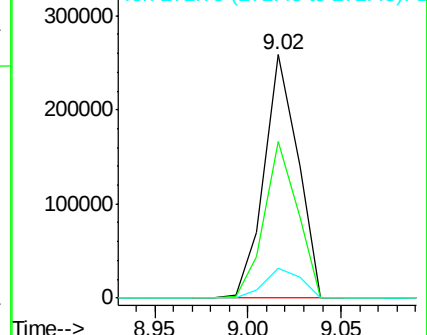
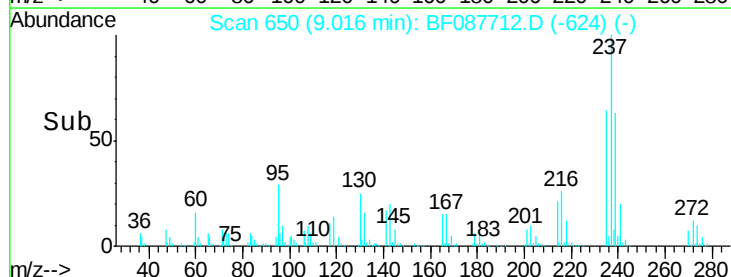
272 12.4 0.0 32.3

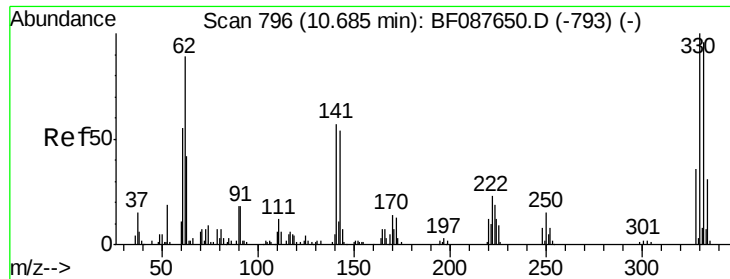


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

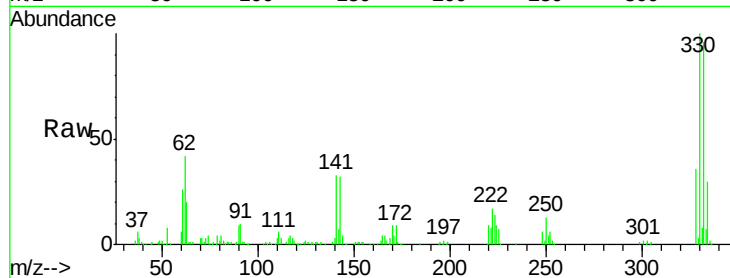




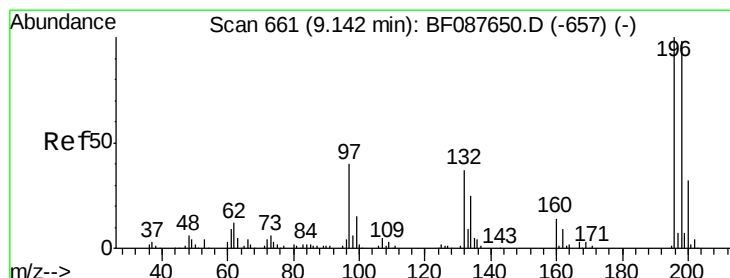
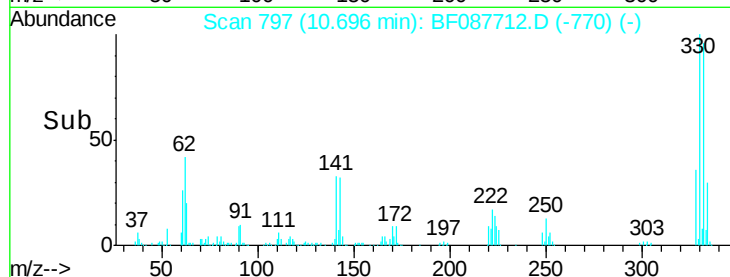
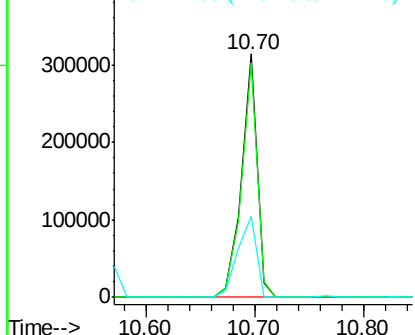
#41
 2,4,6-Tribromophenol
 Concen: 96.59 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion: 330 Resp: 310057
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 40.0 0.0 0.0#

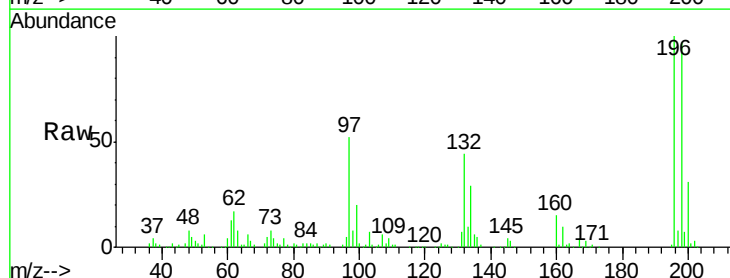


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

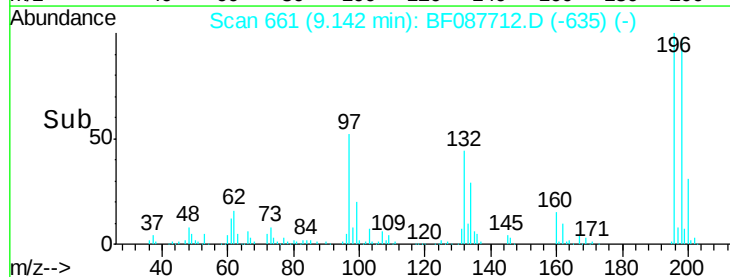
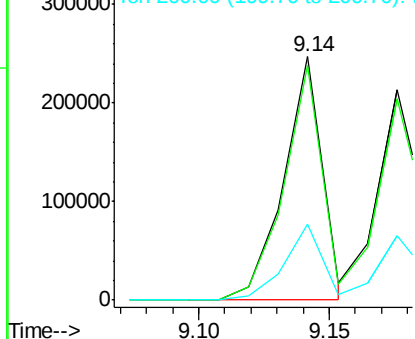


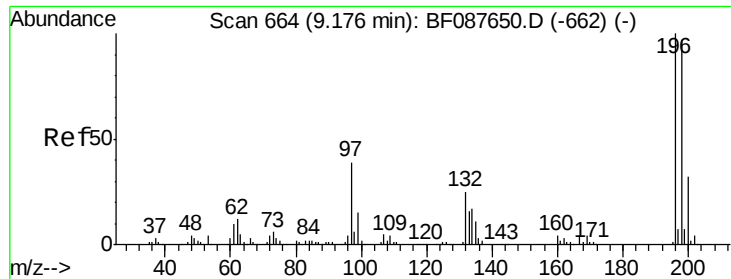
#42
 2,4,6-Trichlorophenol
 Concen: 38.13 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion: 196 Resp: 253772
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.0 117.0
 200 31.3 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

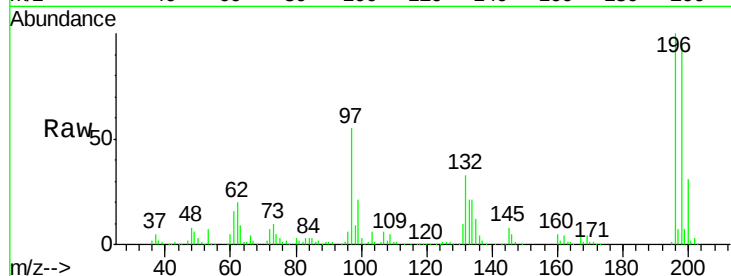




#43
 2,4,5-Trichlorophenol
 Concen: 33.33 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.5	116.3
97	55.4	32.0	48.0#
132	32.6	20.9	31.3#



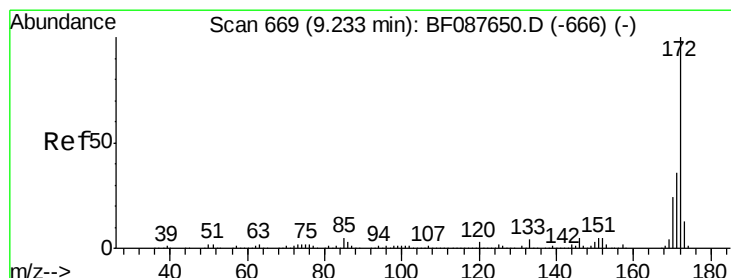
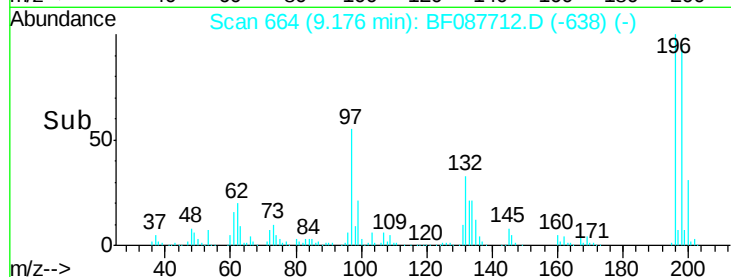
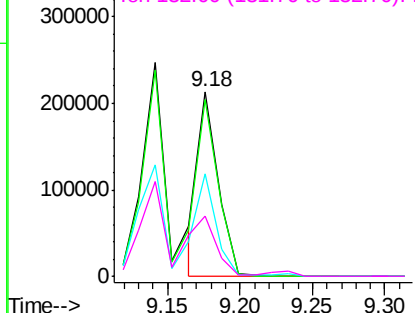
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

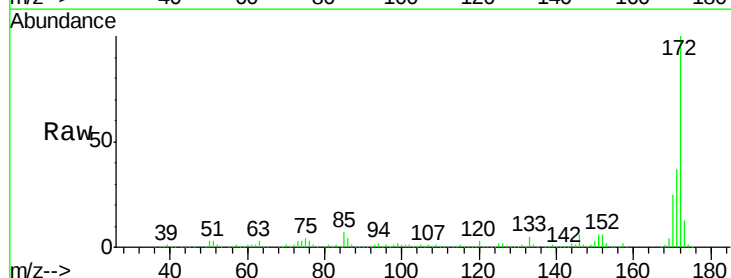
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.83 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	25.0	19.2	28.8

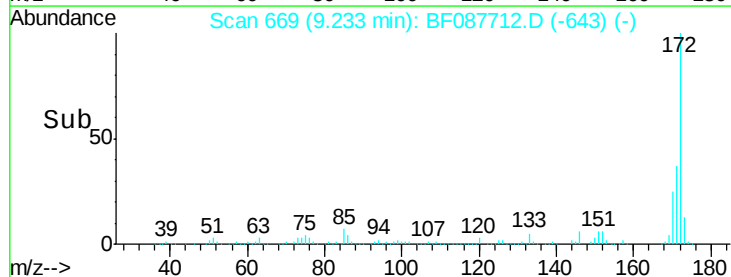
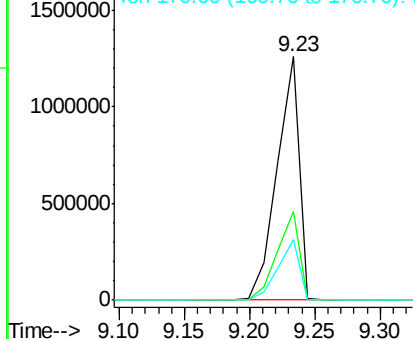


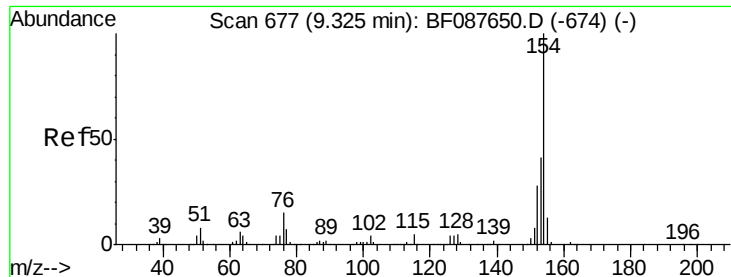
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.05 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

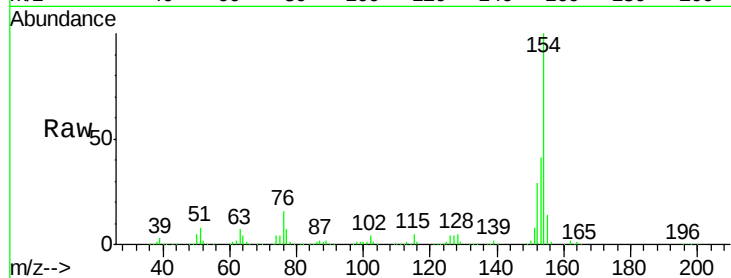
Tgt Ion:154 Resp: 935503

Ion Ratio Lower Upper

154 100

153 41.3 20.6 60.6

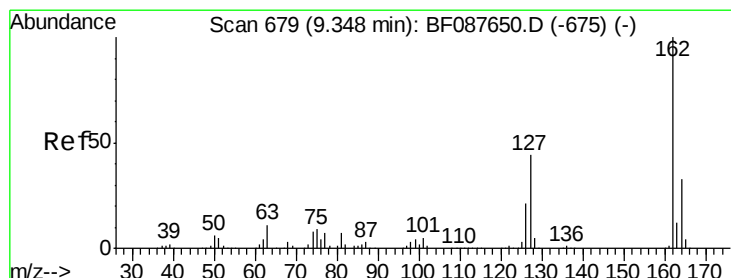
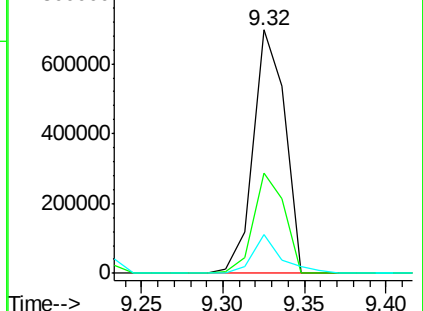
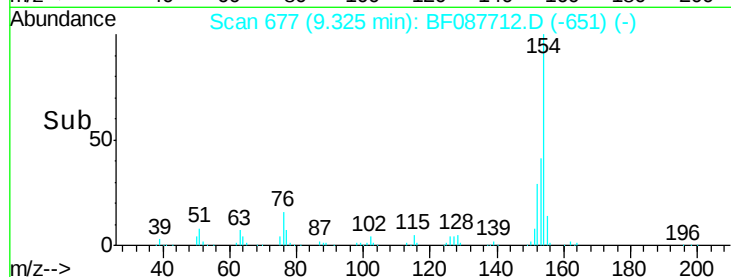
76 15.7 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.75 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

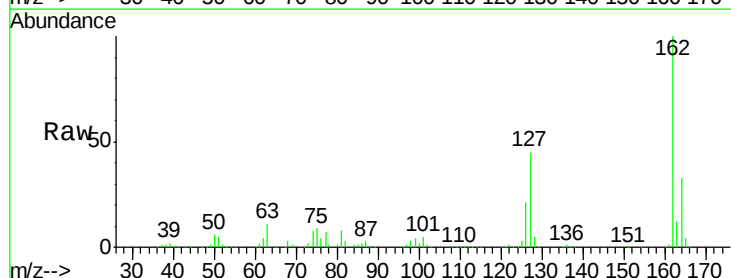
Tgt Ion:162 Resp: 759138

Ion Ratio Lower Upper

162 100

127 44.5 35.2 52.8

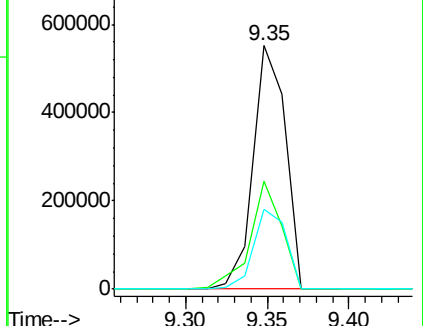
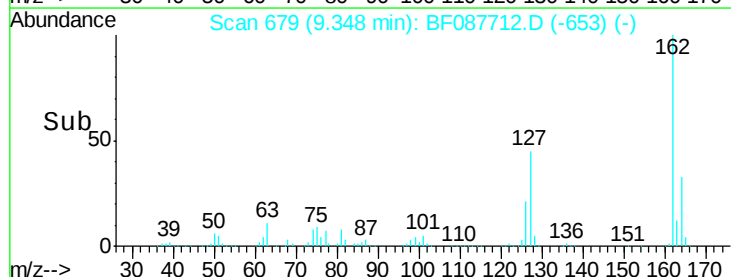
164 33.0 26.6 39.8

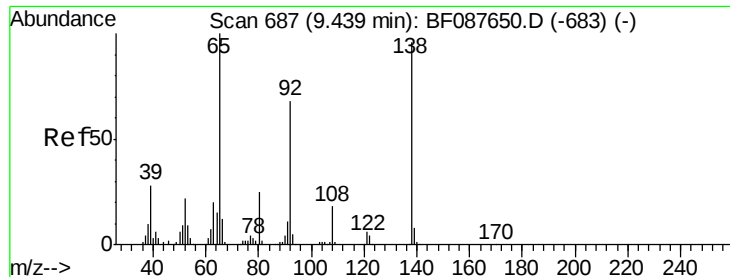


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.43 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

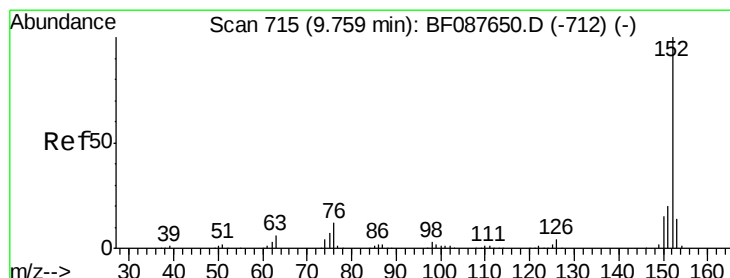
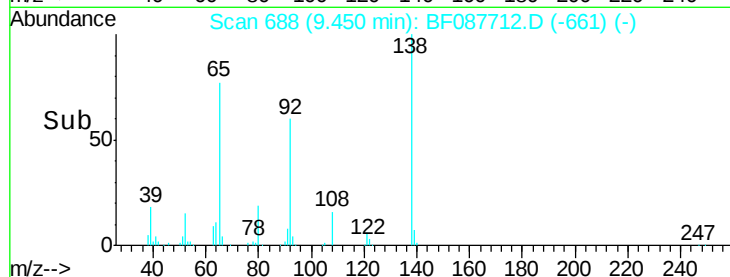
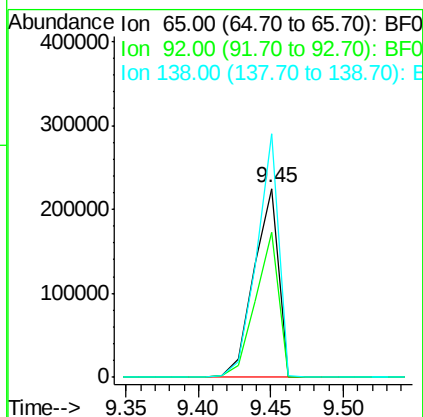
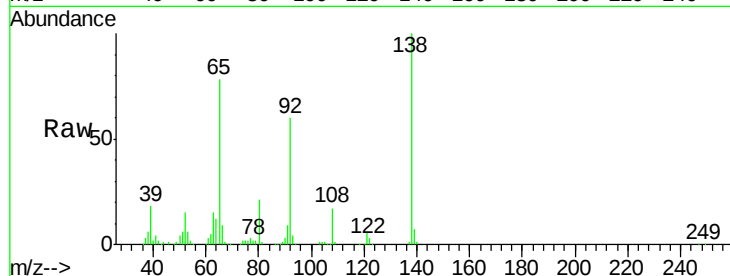
Tgt Ion: 65 Resp: 264289

Ion Ratio Lower Upper

65 100

92 76.9 54.6 82.0

138 128.9 77.0 115.4#



#48

Acenaphthylene

Concen: 39.07 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

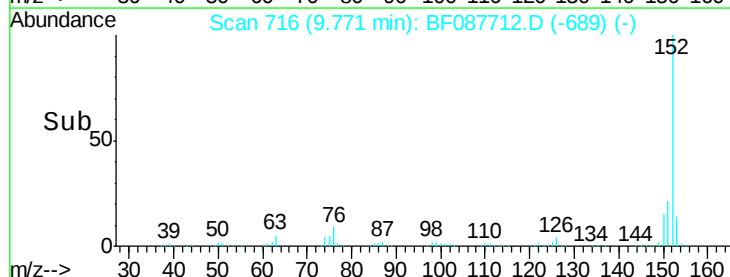
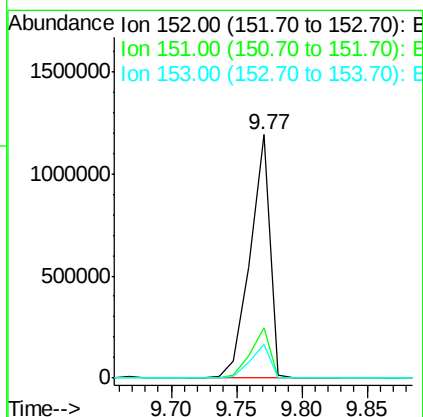
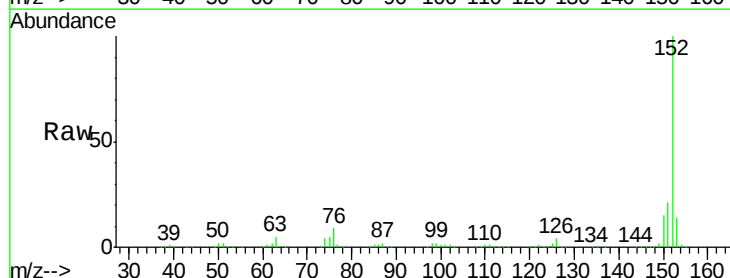
Tgt Ion: 152 Resp: 1258791

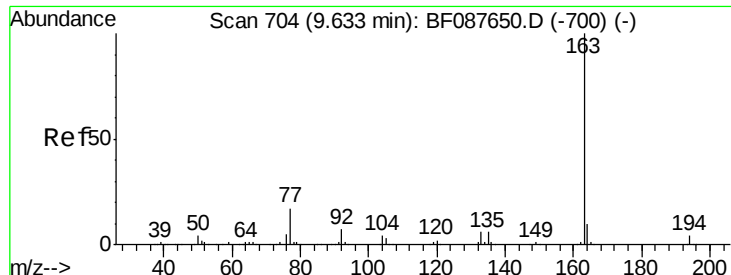
Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

153 13.7 11.0 16.6

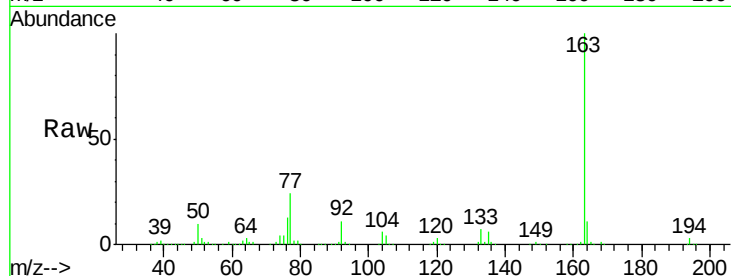




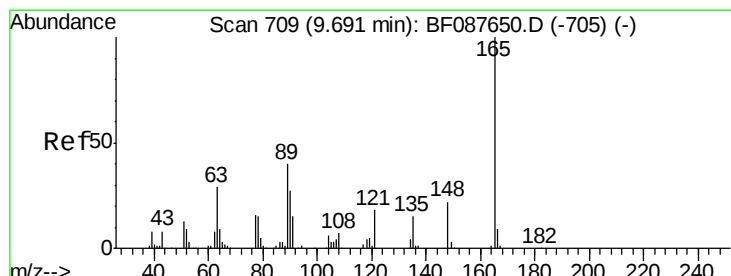
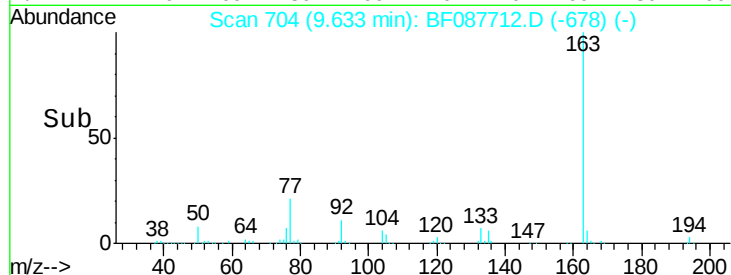
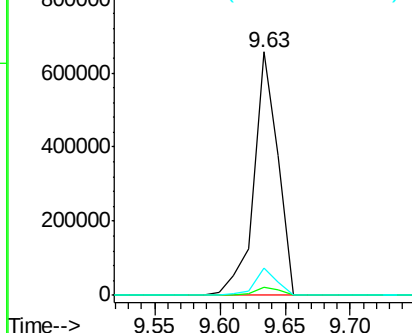
#49
Dimethylphthalate
Concen: 36.06 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tgt Ion:163 Resp: 838396
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 11.0 8.3 12.5

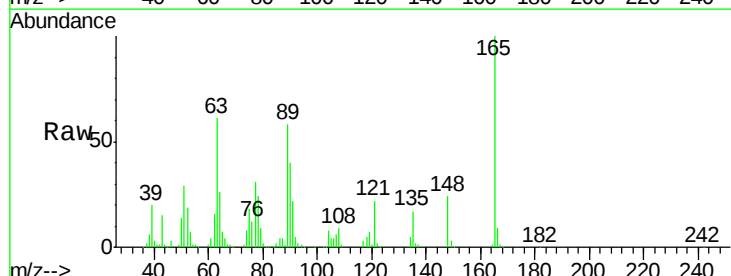


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

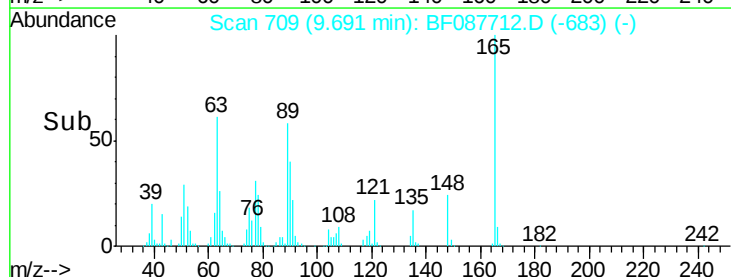
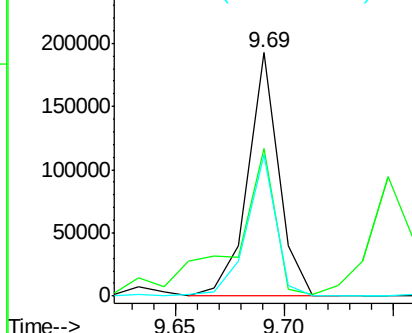


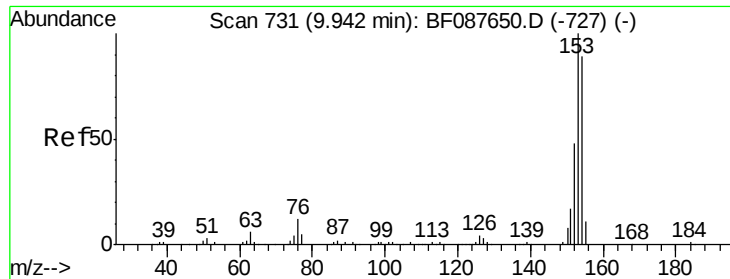
#50
2,6-Dinitrotoluene
Concen: 36.13 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:165 Resp: 191086
Ion Ratio Lower Upper
165 100
63 60.7 28.1 42.1#
89 58.3 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.75 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

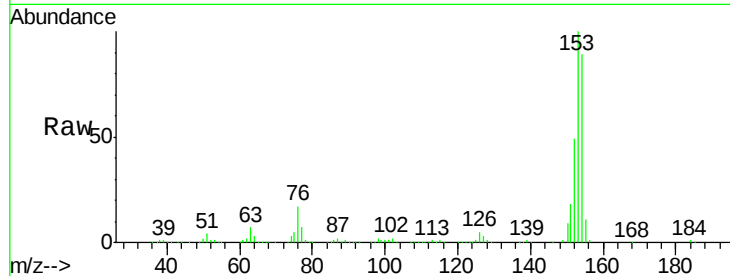
Tgt Ion:154 Resp: 844751

Ion Ratio Lower Upper

154 100

153 112.3 89.5 134.3

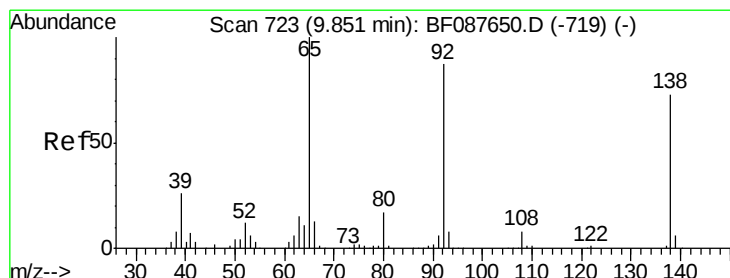
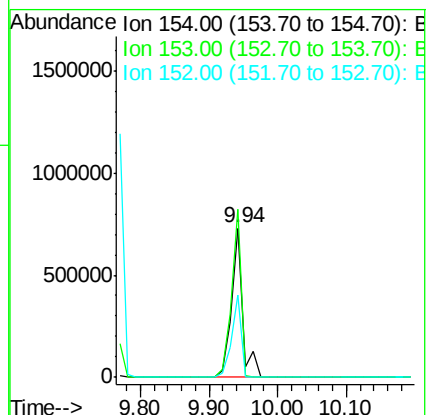
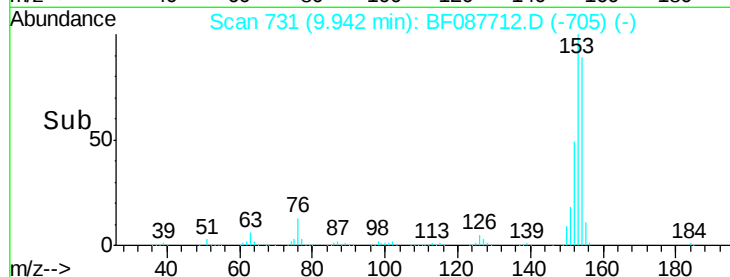
152 54.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.73 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

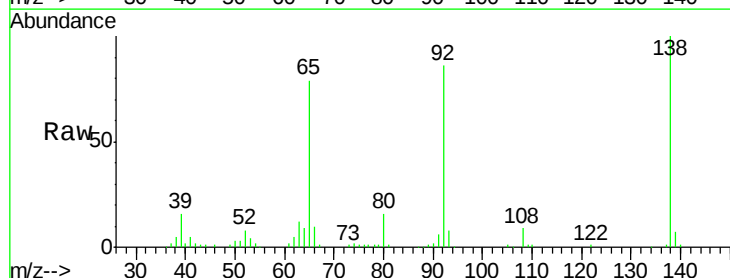
Tgt Ion:138 Resp: 131481

Ion Ratio Lower Upper

138 100

108 8.6 8.5 12.7

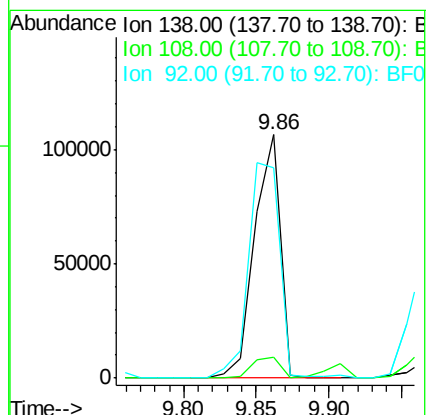
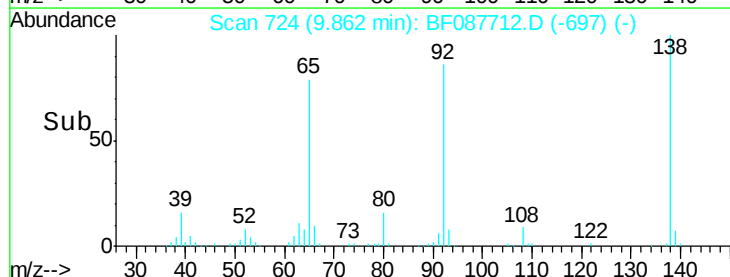
92 86.2 95.7 143.5#

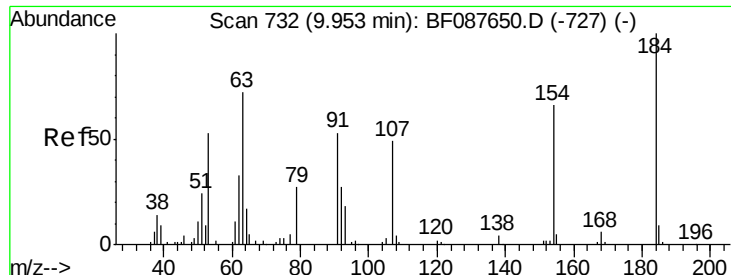


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

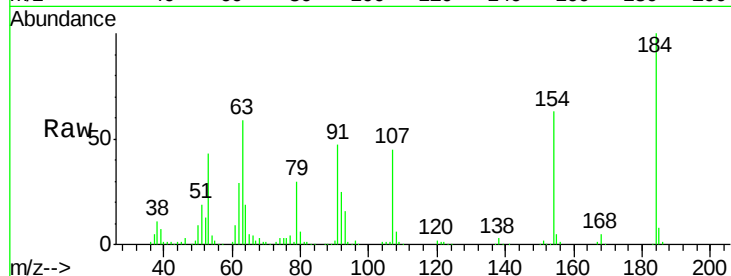




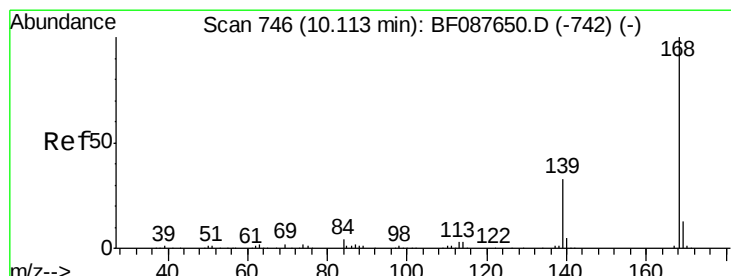
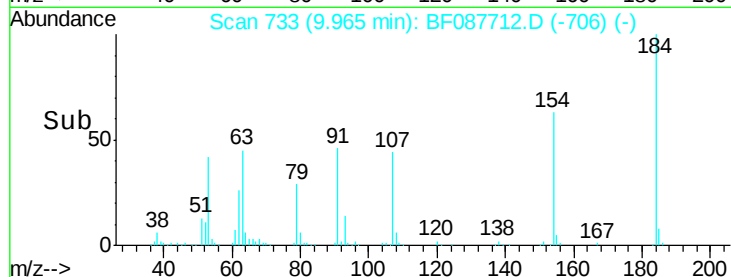
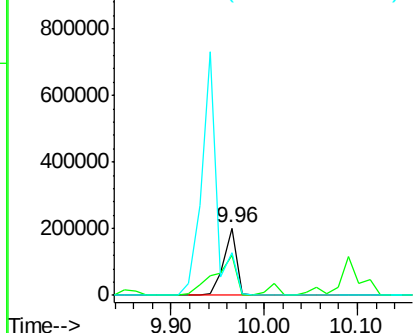
#53
2,4-Dinitrophenol
Concen: 81.87 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tgt Ion:184 Resp: 196759
Ion Ratio Lower Upper
184 100
63 59.2 57.6 86.4
154 63.0 53.5 80.3

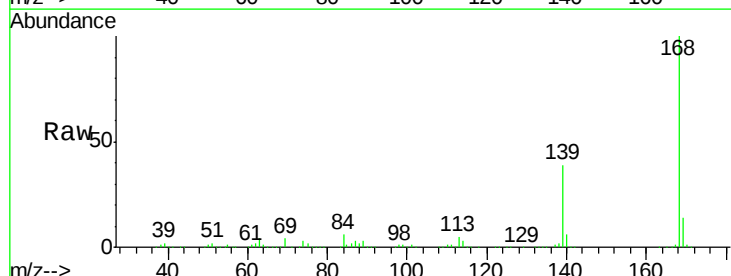


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

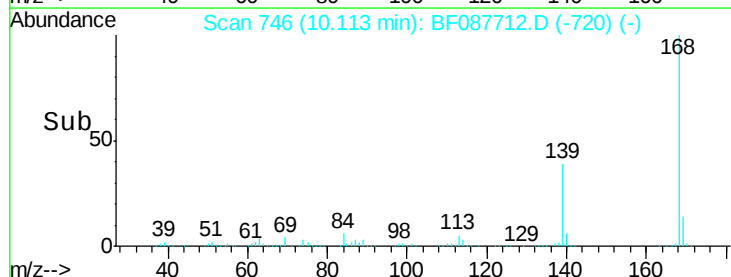
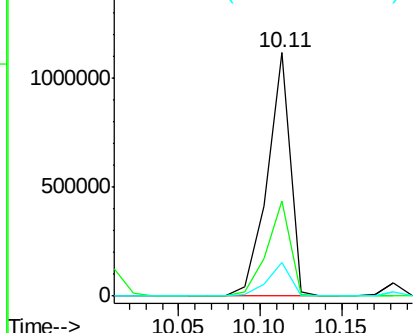


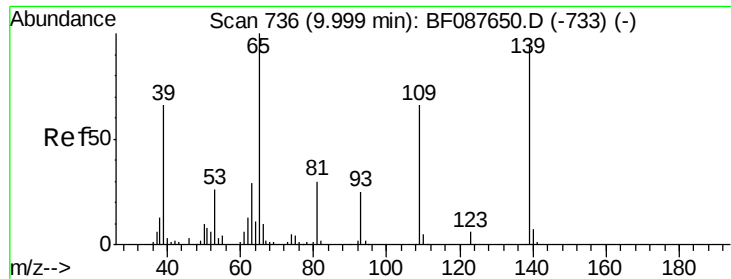
#54
Dibenzofuran
Concen: 38.72 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:168 Resp: 1092688
Ion Ratio Lower Upper
168 100
139 39.3 26.4 39.6
169 14.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 21.99 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

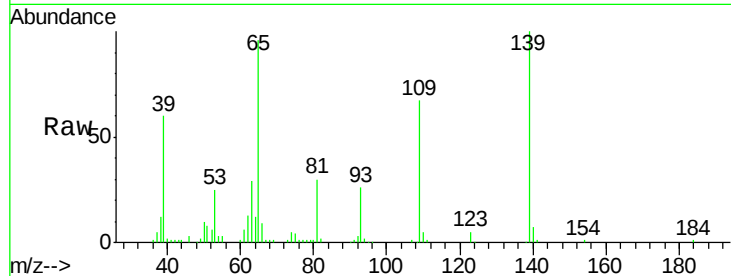
Tgt Ion:139 Resp: 113732

Ion Ratio Lower Upper

139 100

109 67.1 48.9 88.9

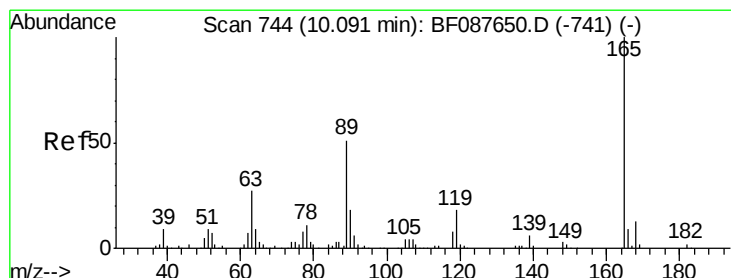
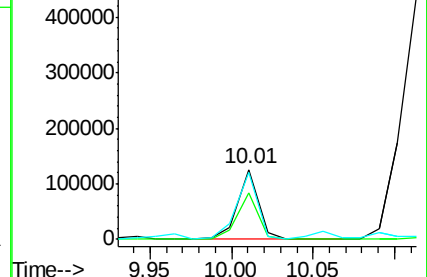
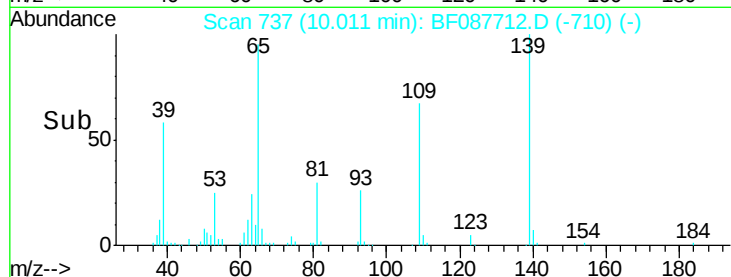
65 95.6 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.00 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Tgt Ion:165 Resp: 255967

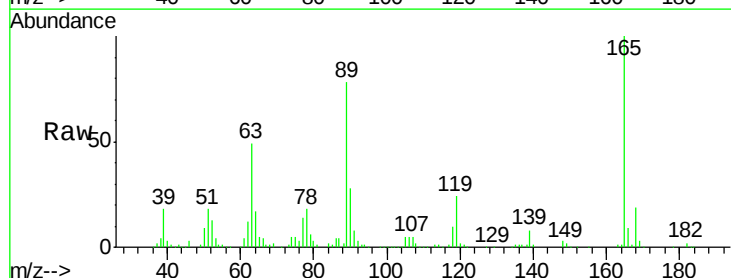
Ion Ratio Lower Upper

165 100

63 48.9 22.0 33.0#

89 77.5 41.1 61.7#

182 2.2 2.0 3.0

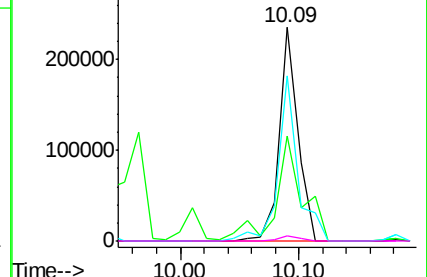
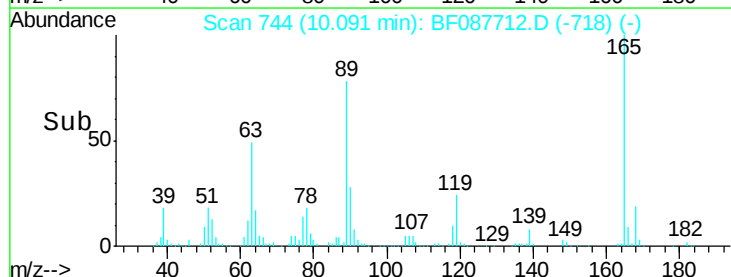


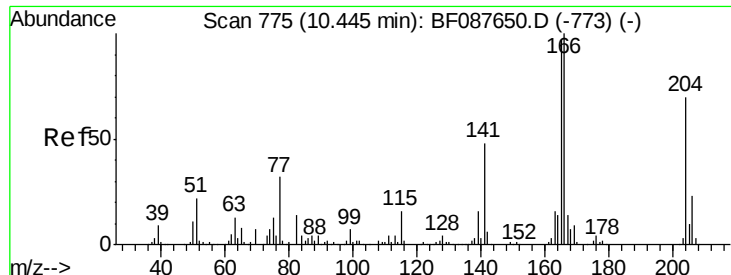
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.71 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

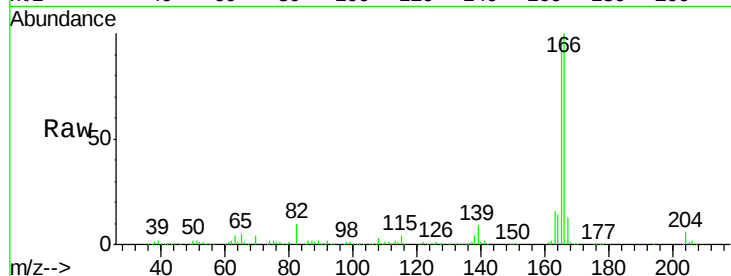
Tgt Ion:166 Resp: 831945

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

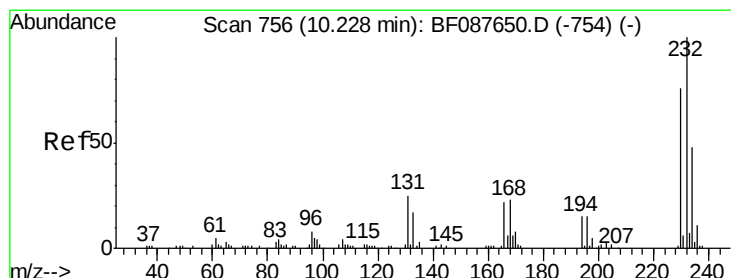
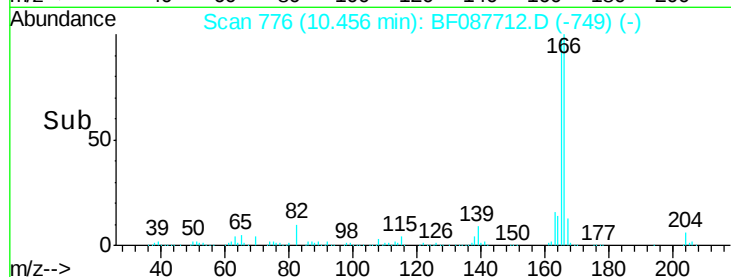
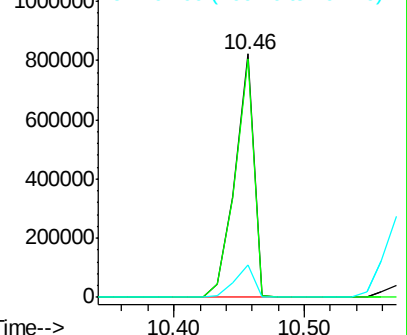
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.63 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Tgt Ion:232 Resp: 206105

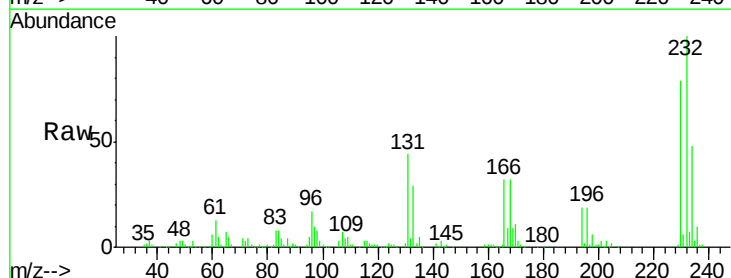
Ion Ratio Lower Upper

232 100

131 51.2 0.9 1.3#

130 2.6 1.5 2.3#

166 34.5 0.5 0.7#

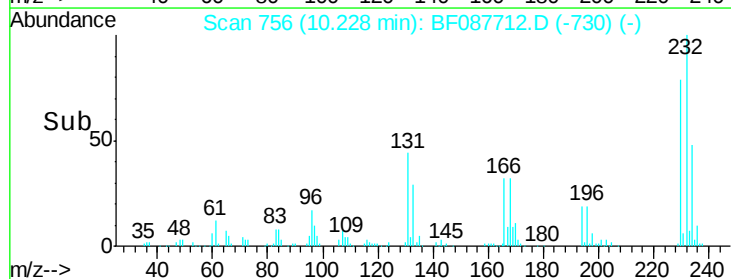
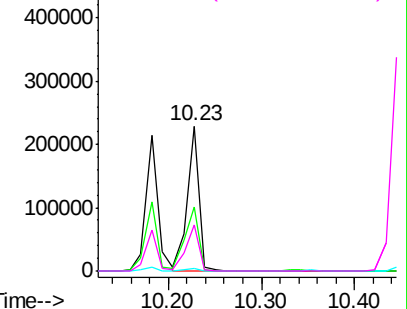


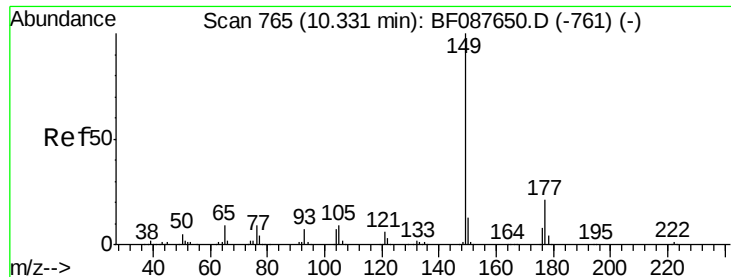
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

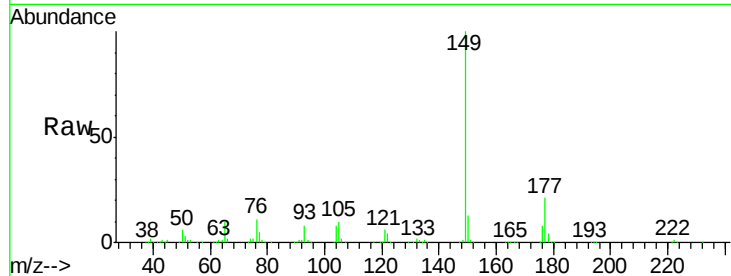




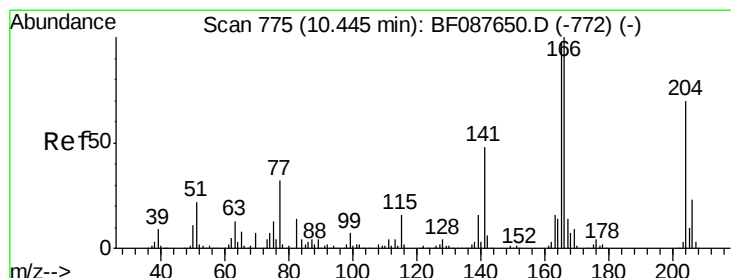
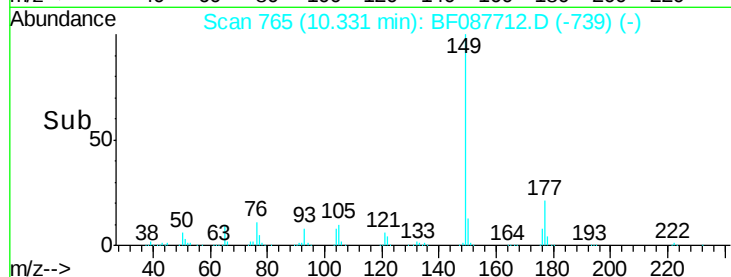
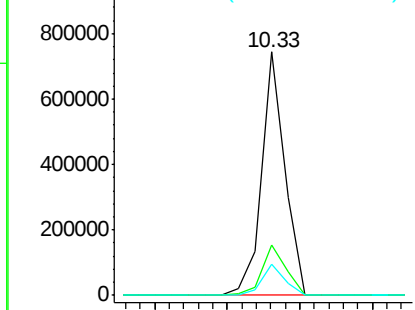
#59
Diethylphthalate
Concen: 35.23 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tgt Ion:149 Resp: 822662
Ion Ratio Lower Upper
149 100
177 20.6 16.9 25.3
150 13.0 10.1 15.1

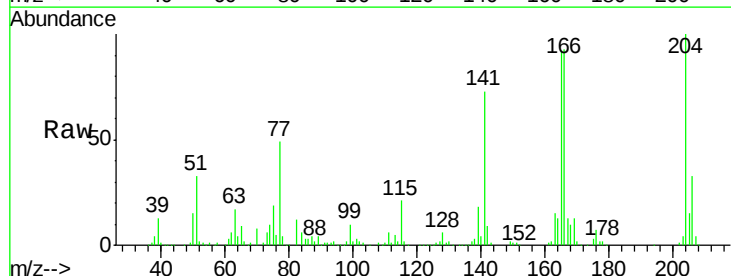


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

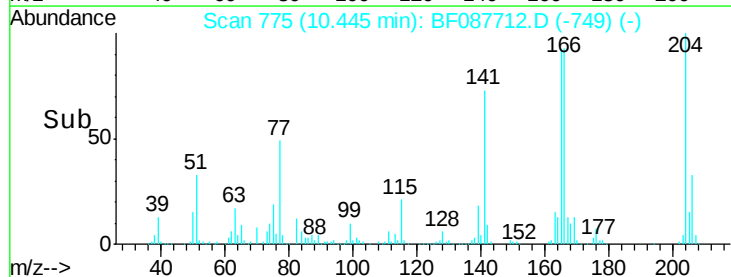
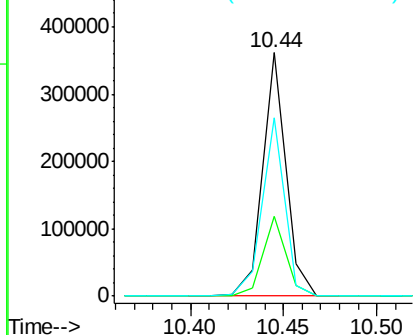


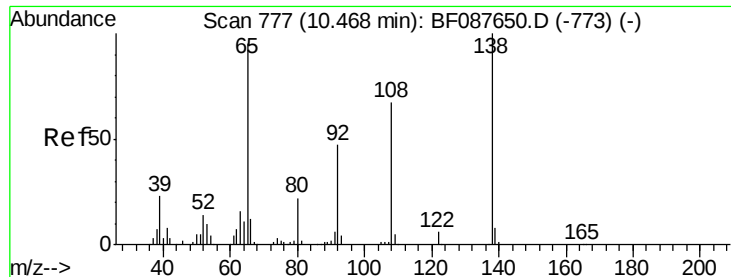
#60
4-Chlorophenyl-phenylether
Concen: 32.48 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:204 Resp: 307762
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 73.3 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

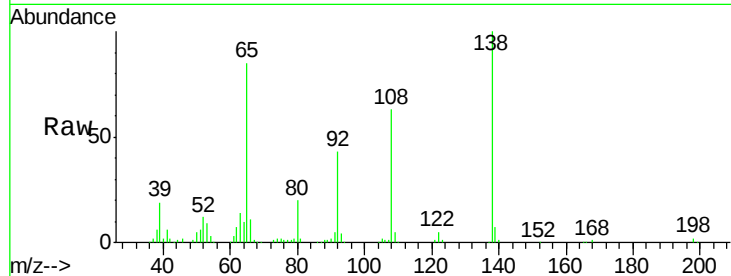




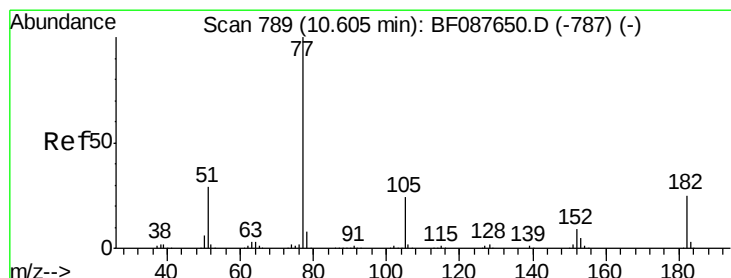
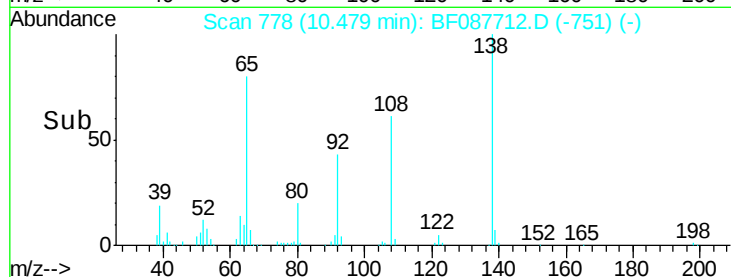
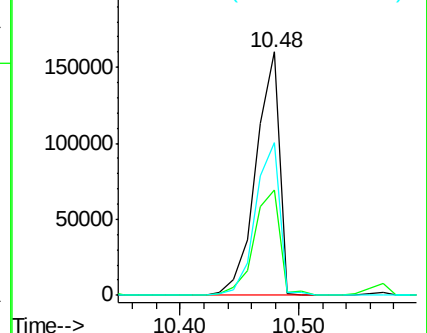
#61
4-Nitroaniline
Concen: 38.17 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tgt Ion:138 Resp: 222031
Ion Ratio Lower Upper
138 100
92 43.4 27.3 67.3
108 62.9 46.7 86.7

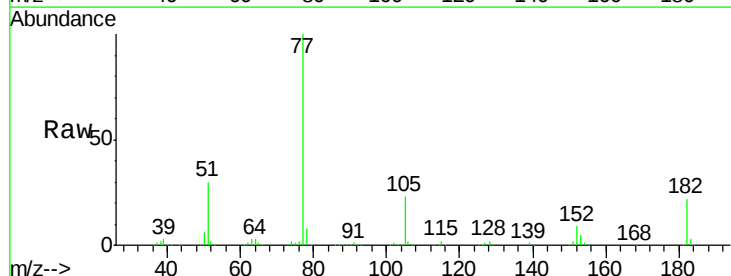


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

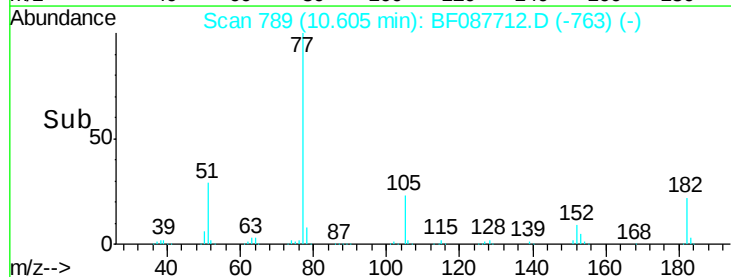
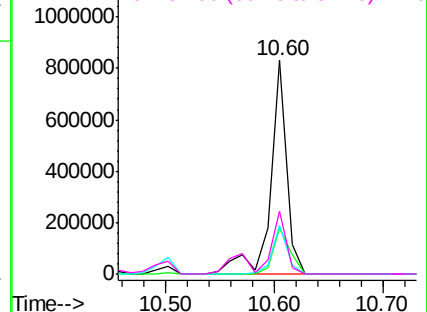


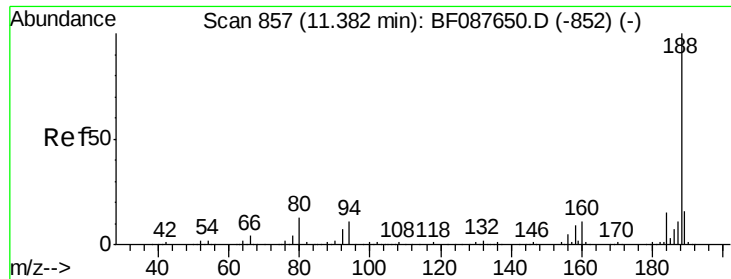
#62
Azobenzene
Concen: 37.03 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 77 Resp: 870316
Ion Ratio Lower Upper
77 100
182 21.8 4.4 44.4
105 23.0 3.8 43.8
51 29.6 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

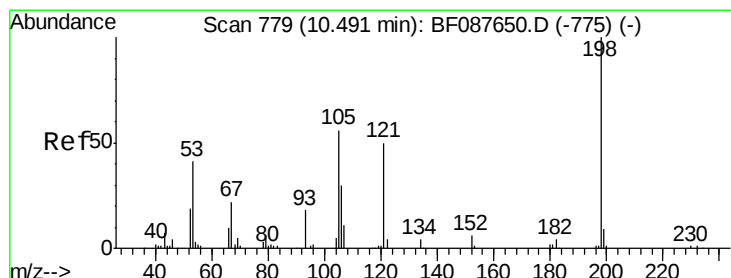
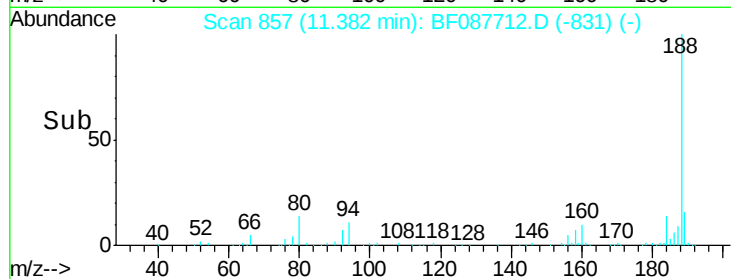
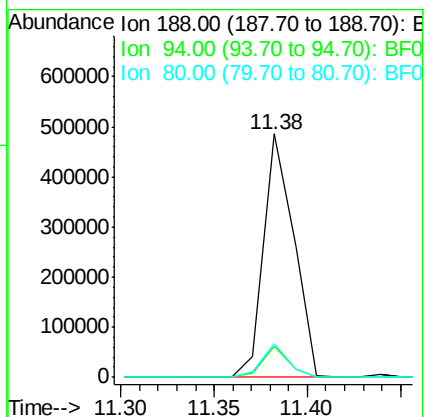
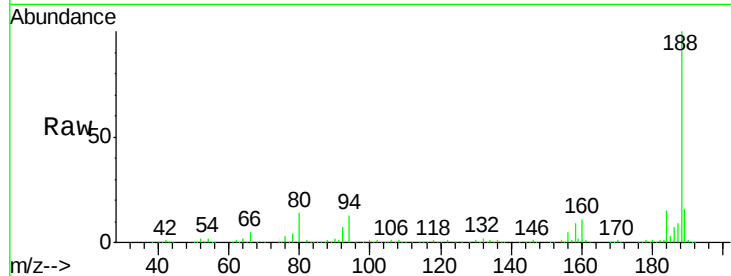




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

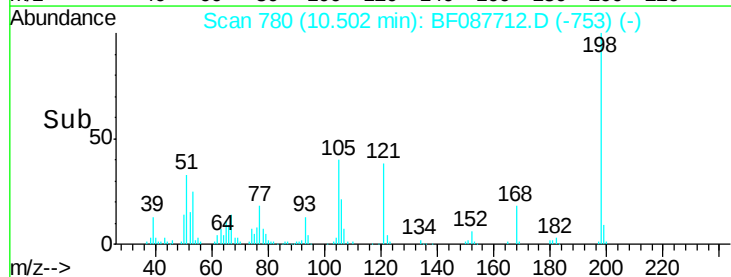
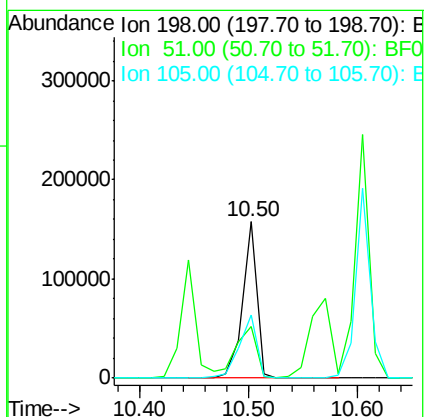
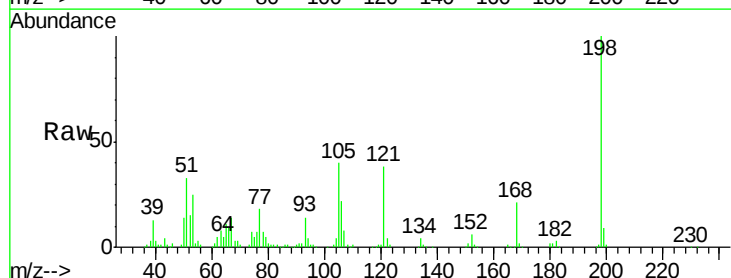
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

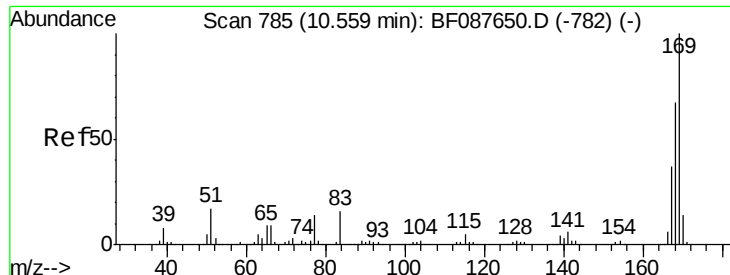
Tgt Ion:188 Resp: 545218
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.6
80 13.8 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 46.97 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:198 Resp: 142203
Ion Ratio Lower Upper
198 100
51 33.2 39.6 79.6#
105 40.0 36.6 76.6

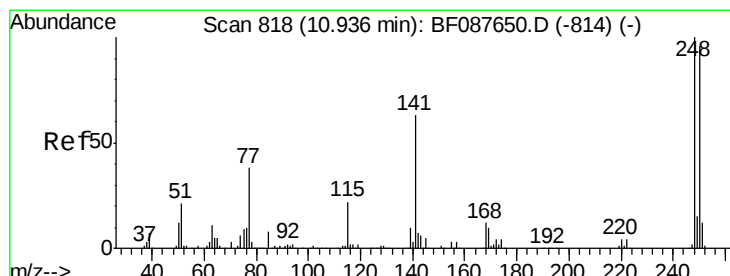
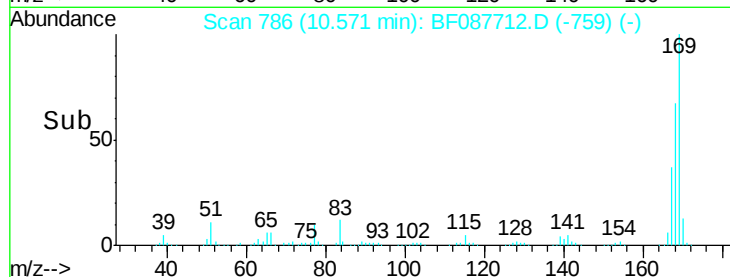
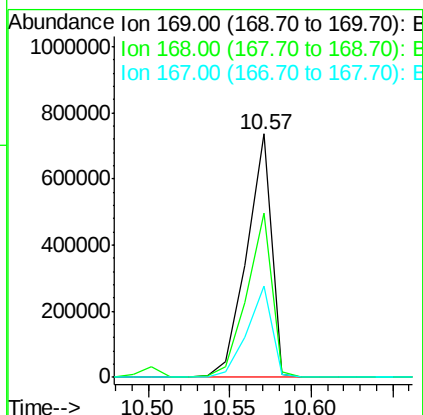
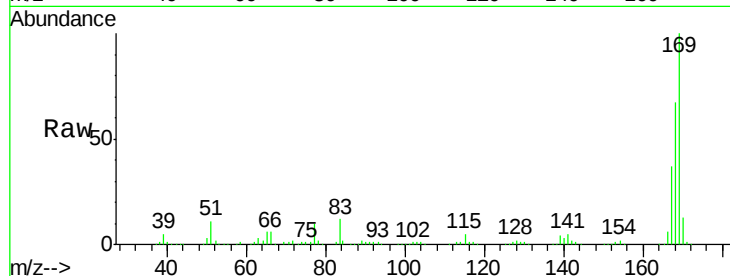




#65
 n-Nitrosodiphenylamine
 Concen: 43.62 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

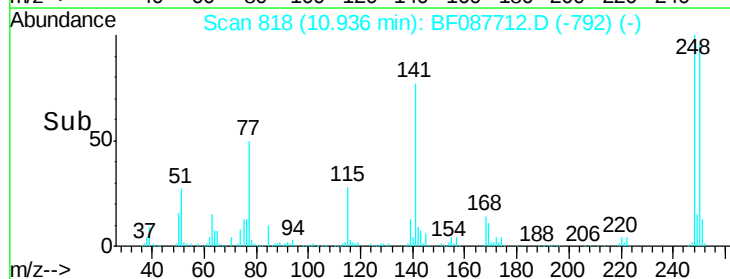
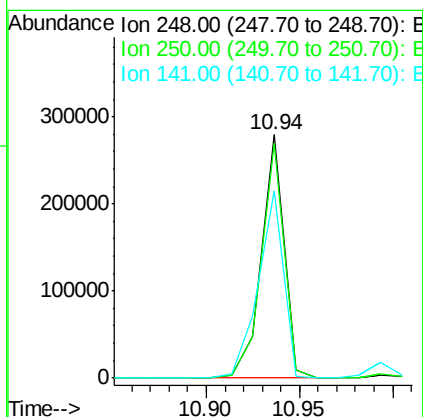
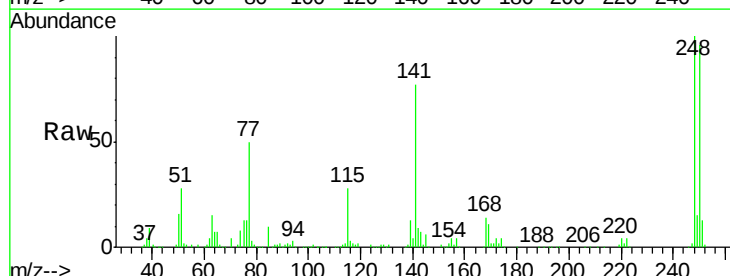
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

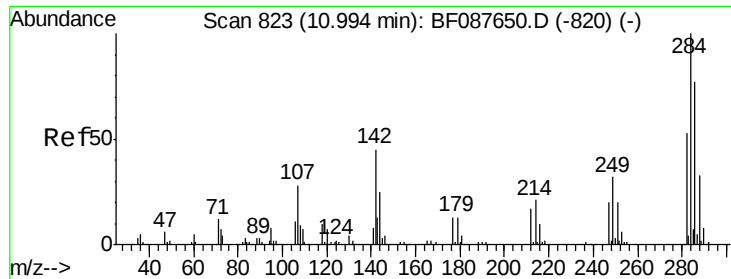
Tgt Ion:169 Resp: 778893
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 37.3 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.10 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:248 Resp: 233005
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.1 115.7
 141 77.0 50.6 76.0#





#67

Hexachlorobenzene

Concen: 40.01 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

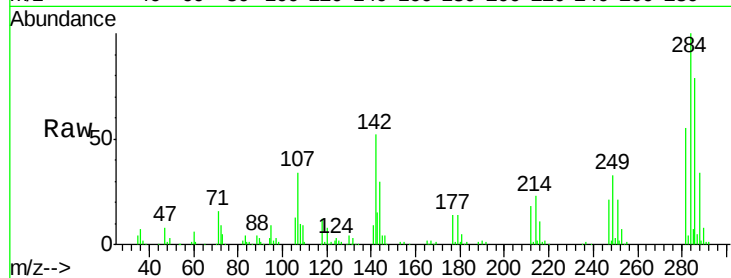
Tgt Ion:284 Resp: 241869

Ion Ratio Lower Upper

284 100

142 51.6 35.8 53.8

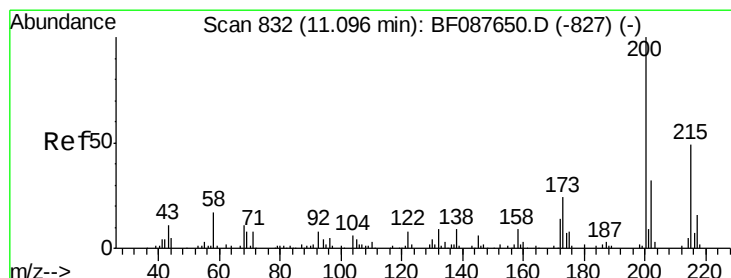
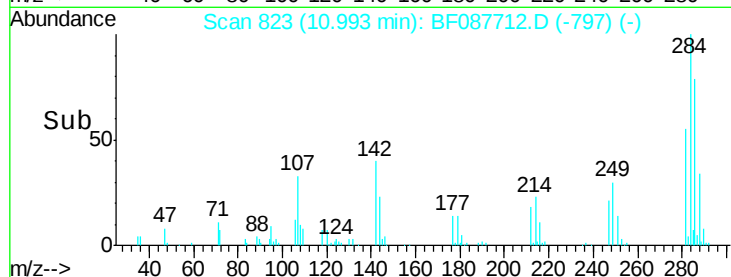
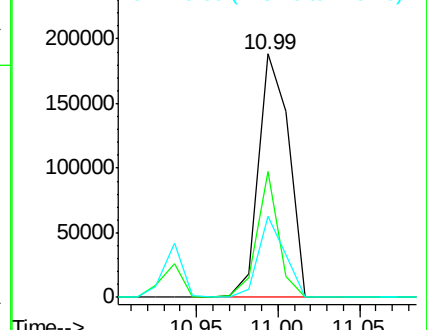
249 33.3 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.57 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

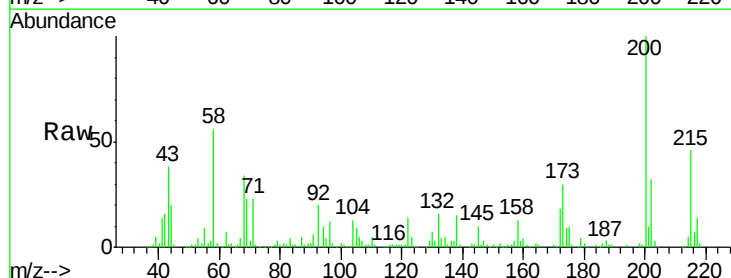
Tgt Ion:200 Resp: 204012

Ion Ratio Lower Upper

200 100

173 30.4 4.0 44.0

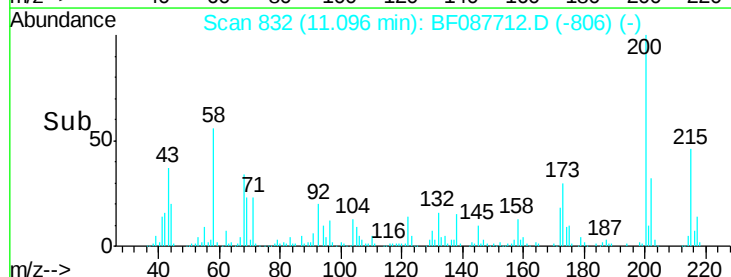
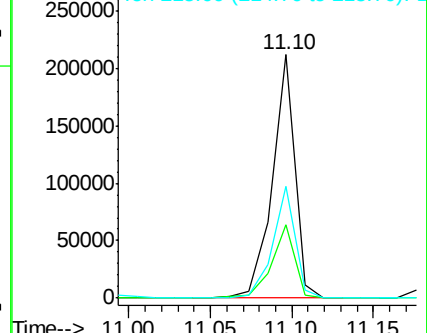
215 45.8 29.3 69.3

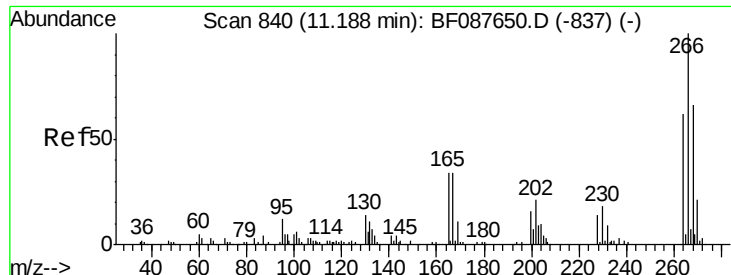


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.29 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

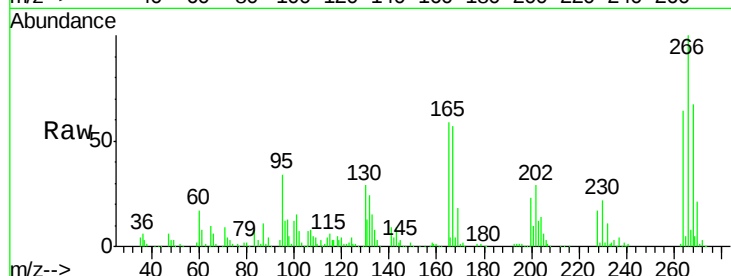
Tgt Ion:266 Resp: 245321

Ion Ratio Lower Upper

266 100

268 66.5 52.8 79.2

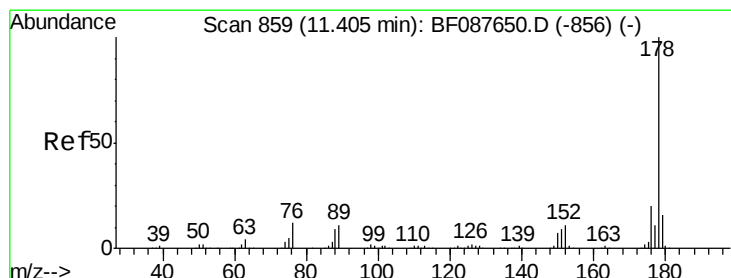
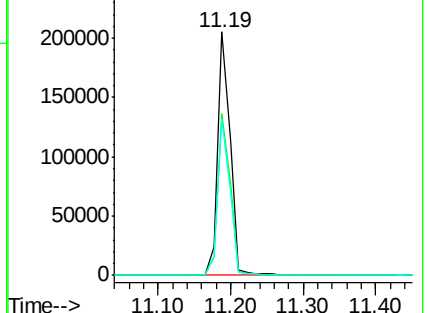
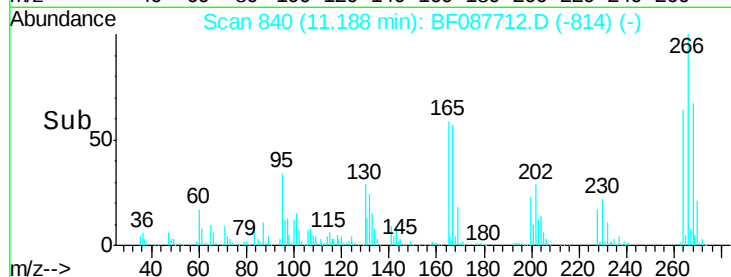
264 64.4 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.87 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

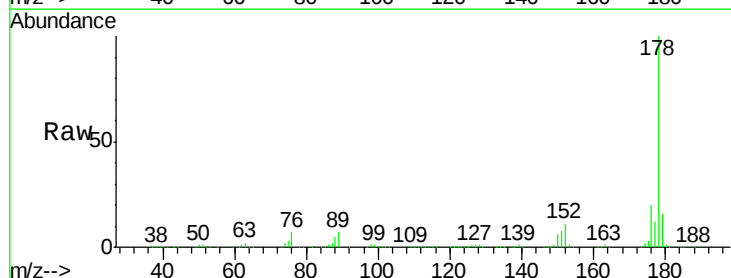
Tgt Ion:178 Resp: 1237857

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

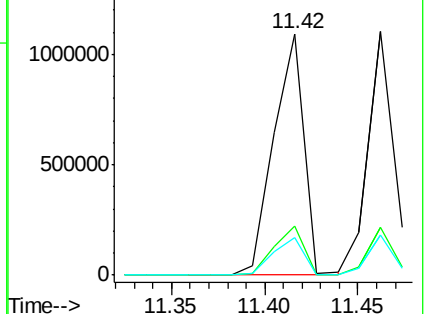
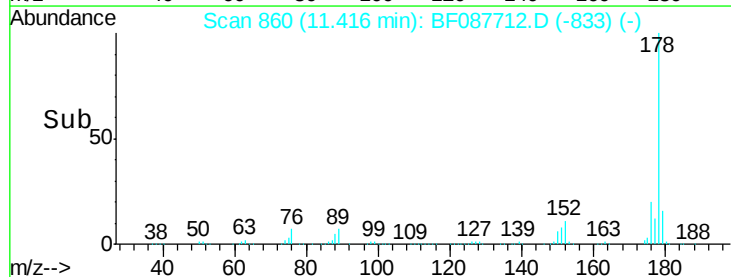
179 15.7 13.0 19.4

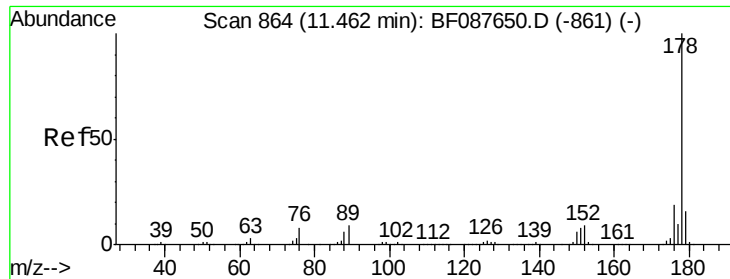


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

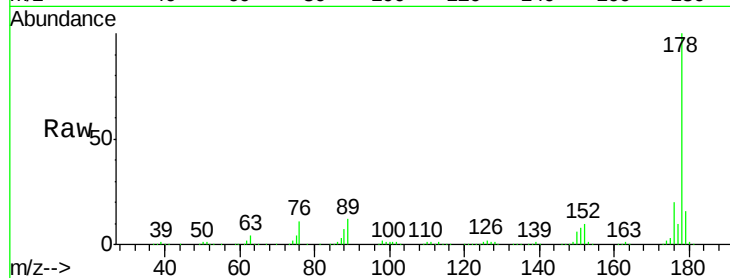




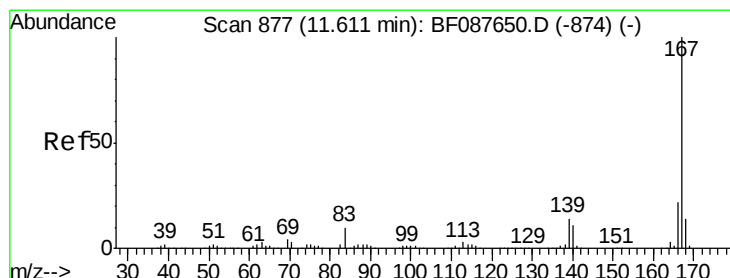
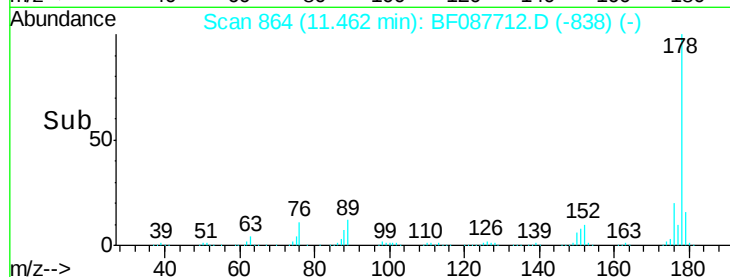
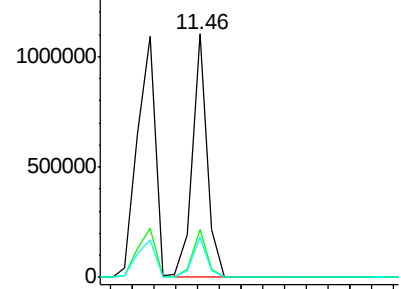
#71
 Anthracene
 Concen: 35.21 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion:178 Resp: 1043050
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.3 12.8 19.2

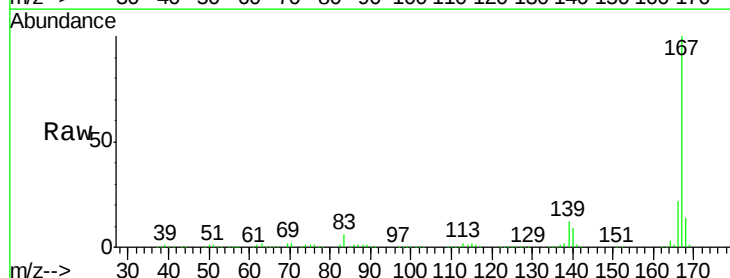


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

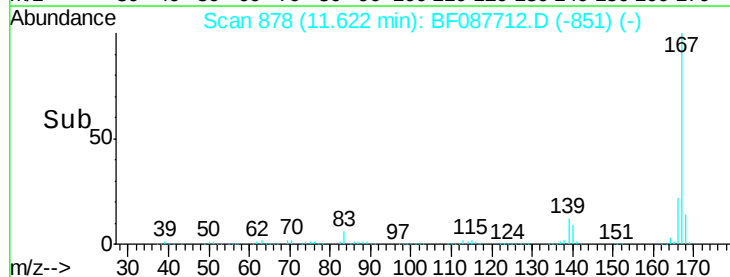
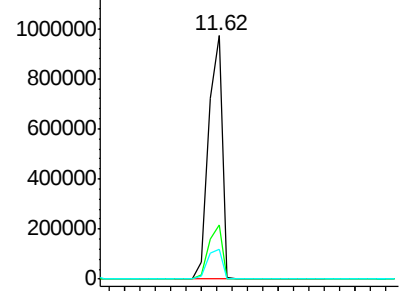


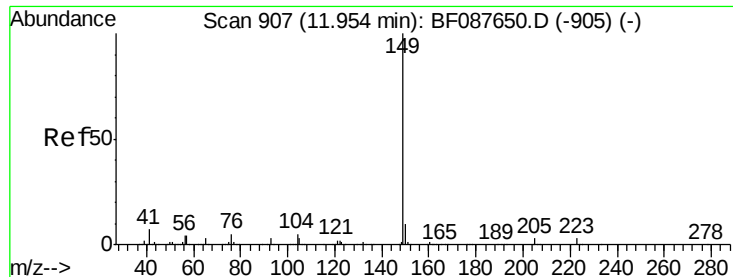
#72
 Carbazole
 Concen: 43.52 ng
 RT: 11.62 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:167 Resp: 1220218
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 12.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.23 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

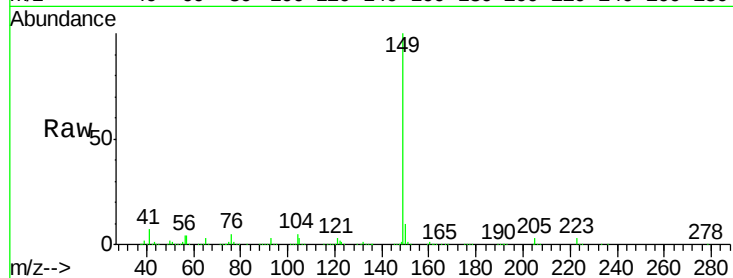
Tgt Ion:149 Resp: 1209304

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

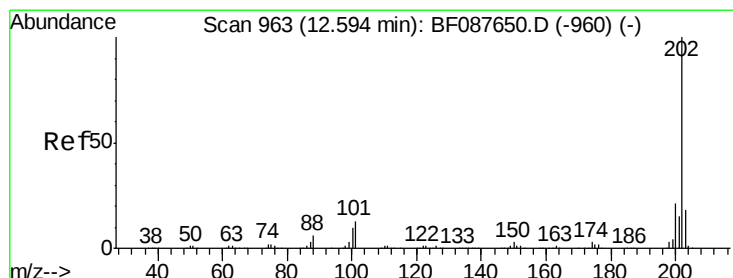
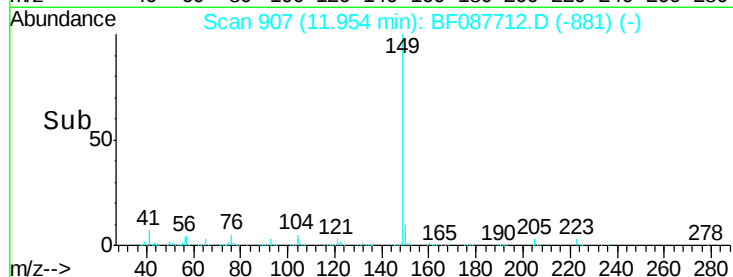
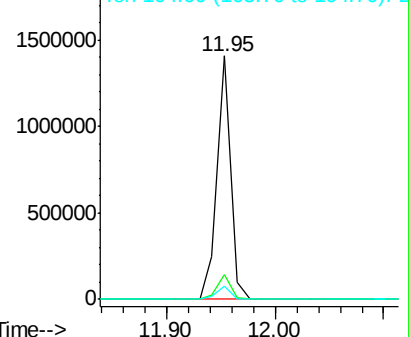
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.47 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

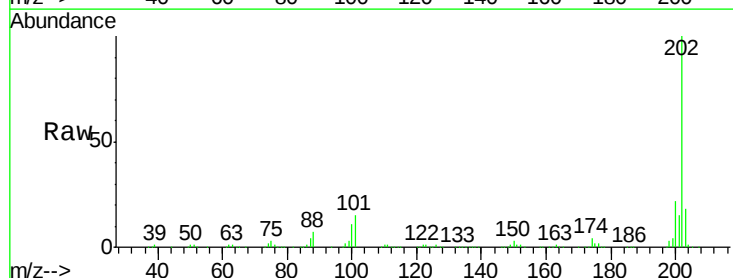
Tgt Ion:202 Resp: 1060964

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.1

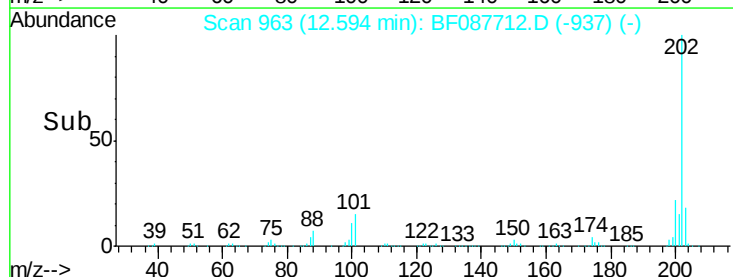
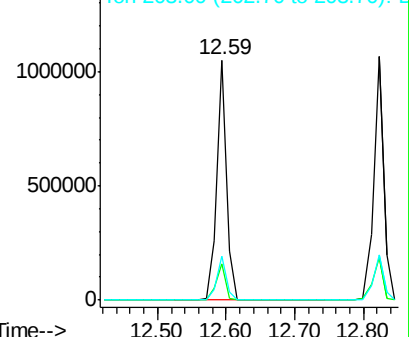
203 18.4 0.0 38.1

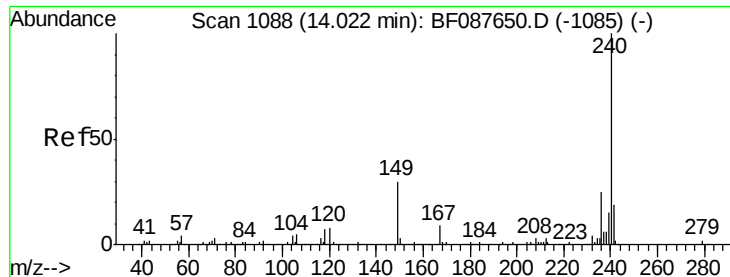


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

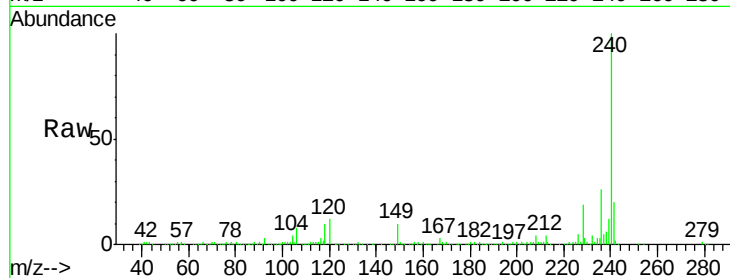
Tgt Ion:240 Resp: 406979

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

236 25.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

600000

500000

400000

300000

200000

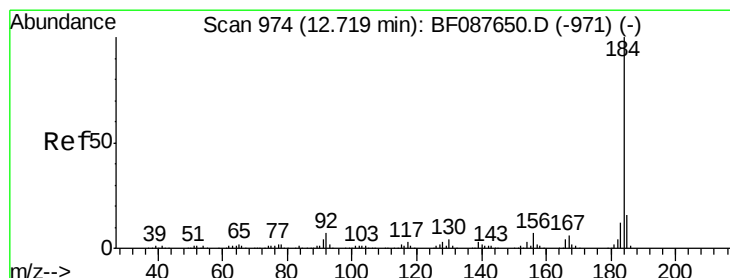
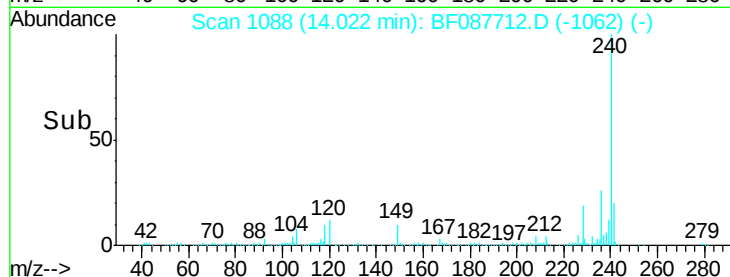
100000

0

14.02

14.00 14.10

Time-->



#76

Benzidine

Concen: 14.99 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

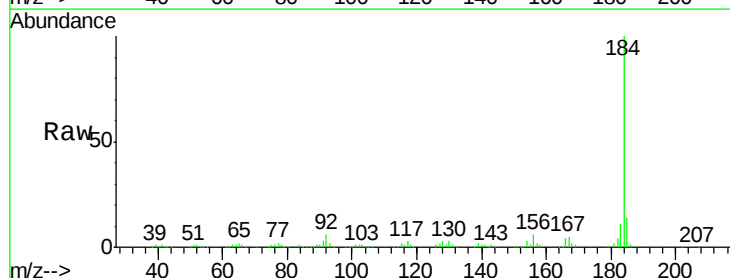
Tgt Ion:184 Resp: 240542

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

250000

200000

150000

100000

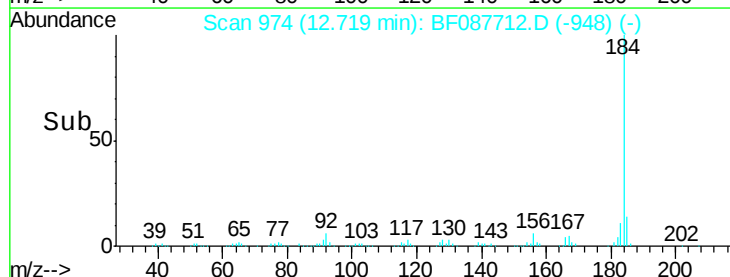
50000

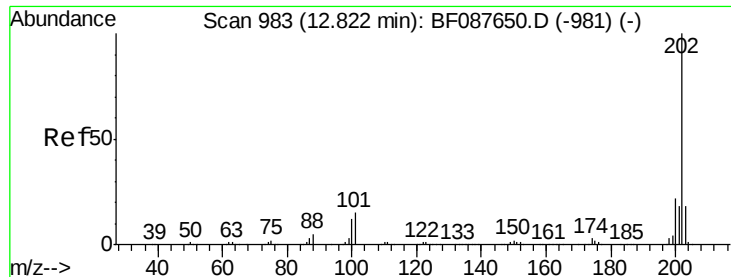
0

12.72

12.60 12.80

Time-->

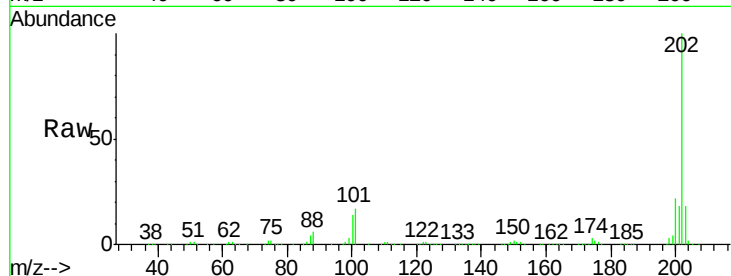




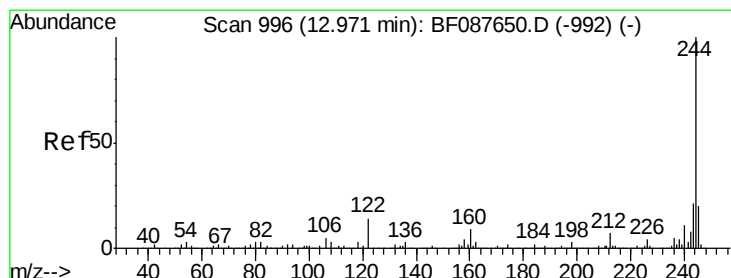
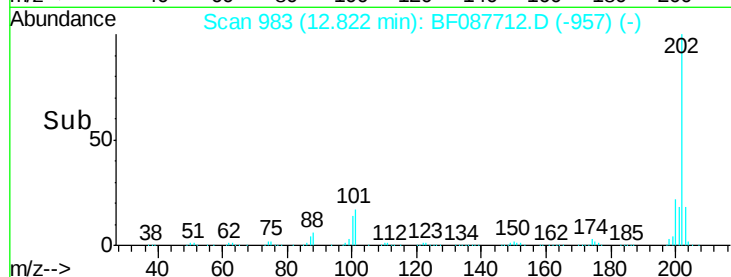
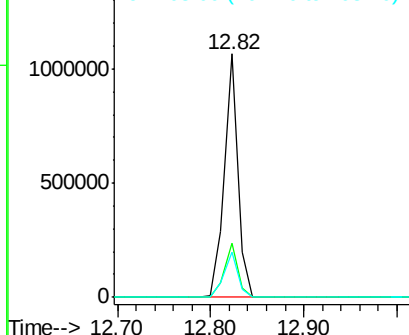
#77
 Pyrene
 Concen: 37.24 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tgt Ion:202 Resp: 1079126
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.4 14.5 21.7

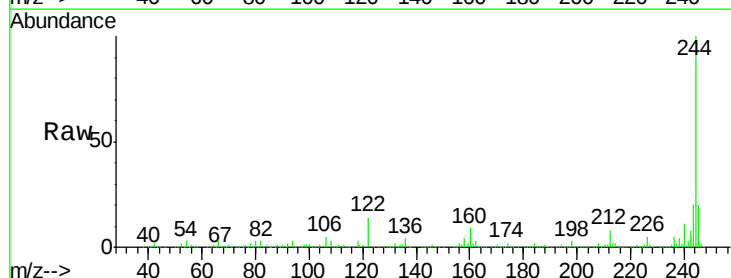


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

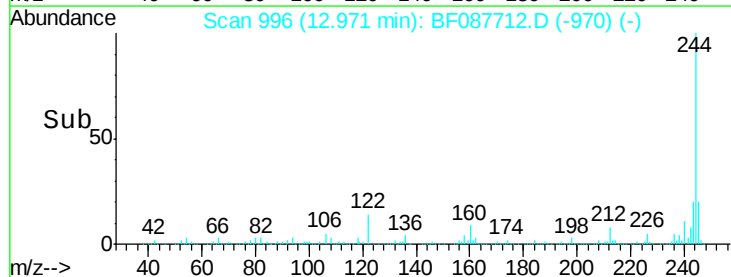
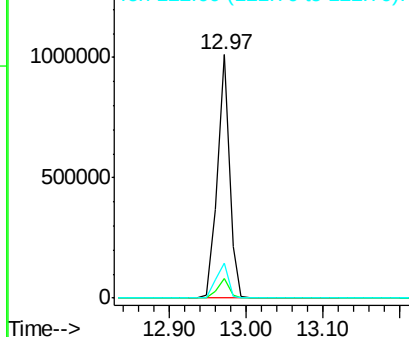


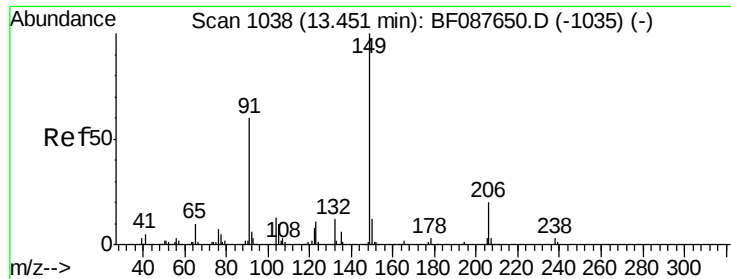
#78
 Terphenyl-d14
 Concen: 66.42 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:244 Resp: 1107805
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.3 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.20 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

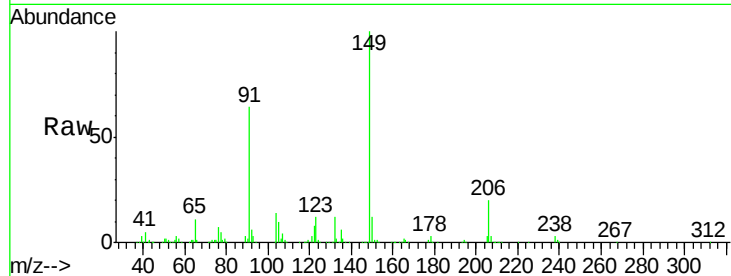
Tgt Ion:149 Resp: 582118

Ion Ratio Lower Upper

149 100

91 64.2 48.0 72.0

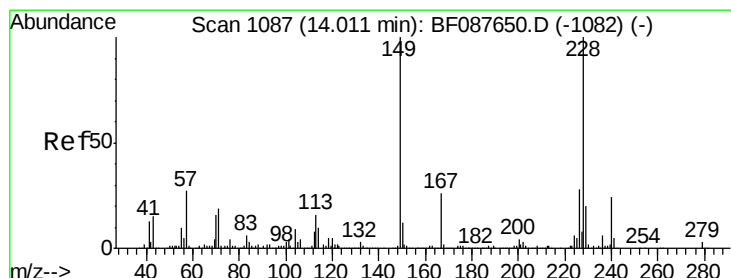
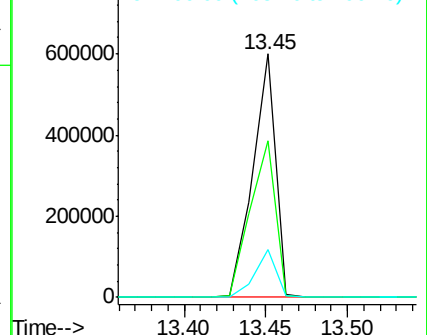
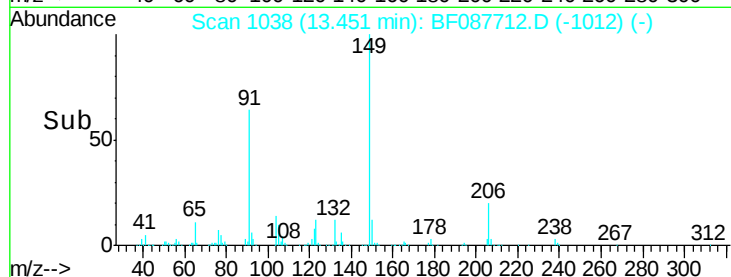
206 19.5 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.69 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

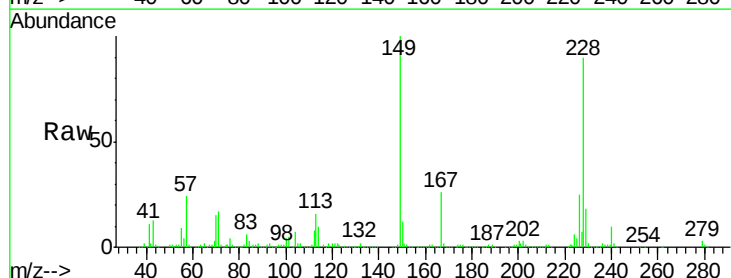
Tgt Ion:228 Resp: 814799

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

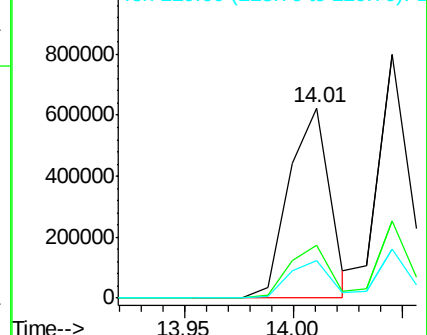
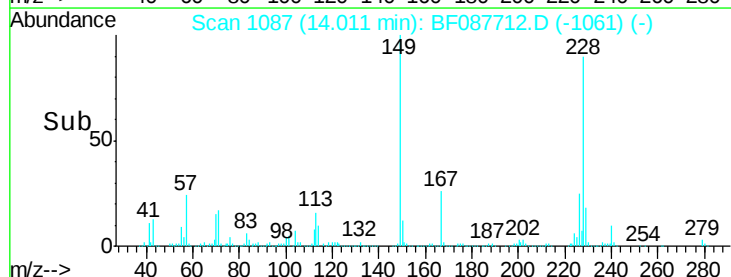
229 19.8 16.0 24.0

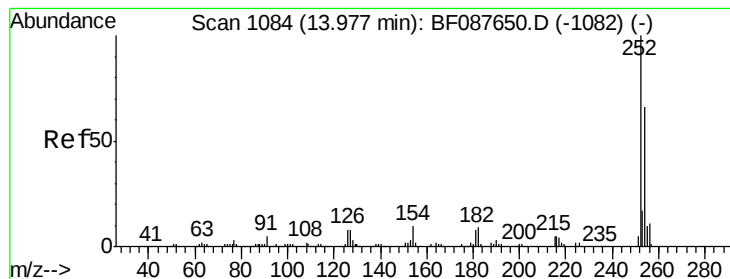


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.92 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

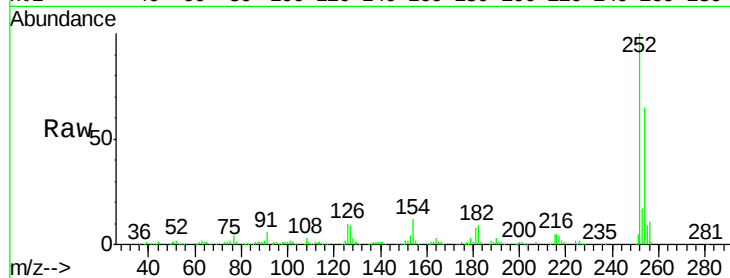
Tgt Ion:252 Resp: 178391

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

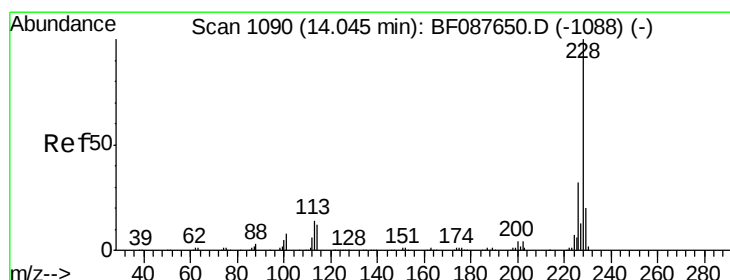
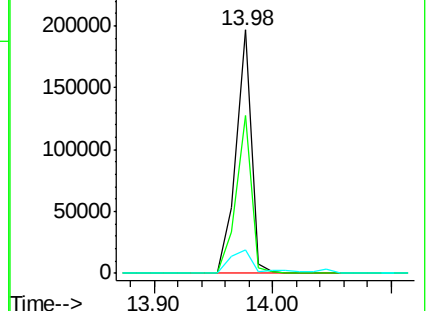
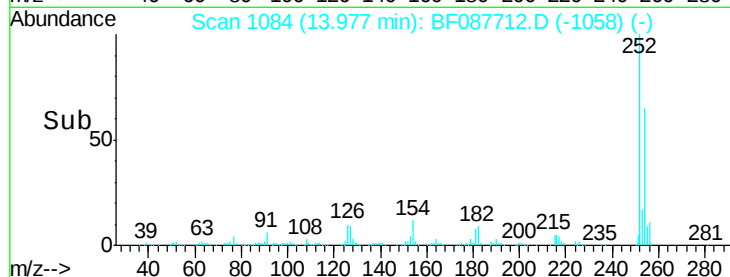
126 9.6 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.23 ng

RT: 14.05 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF087712.D

Acq: 5 Jun 2016 17:20

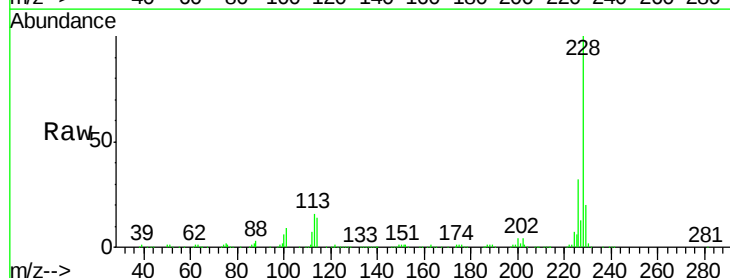
Tgt Ion:228 Resp: 800308

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.2

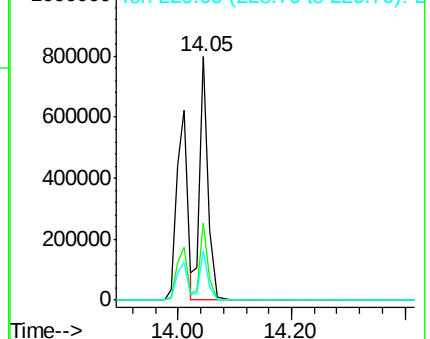
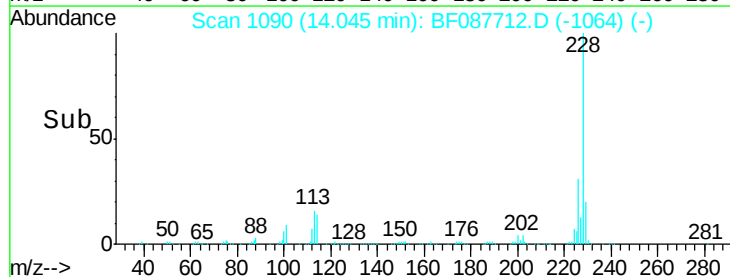
229 20.3 16.3 24.5

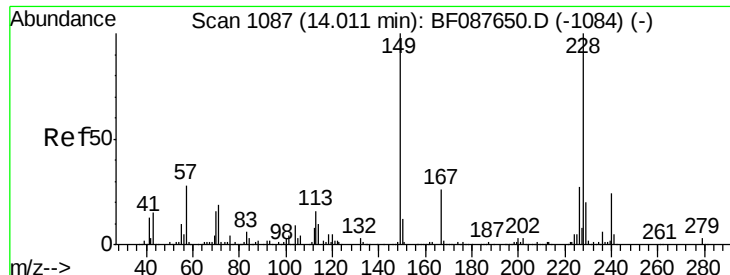


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

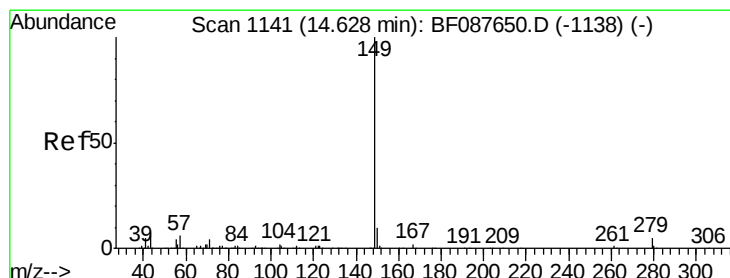
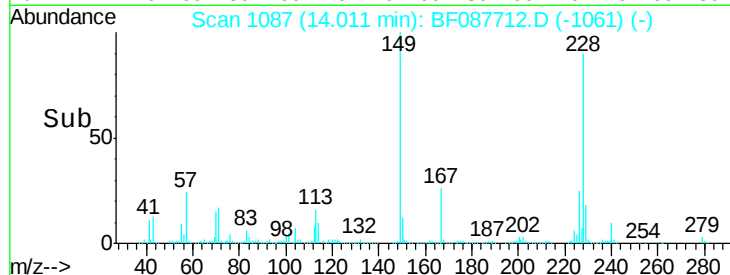
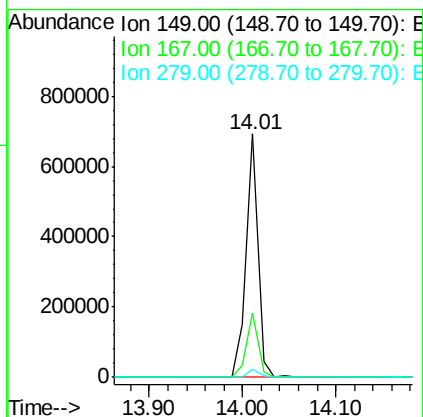
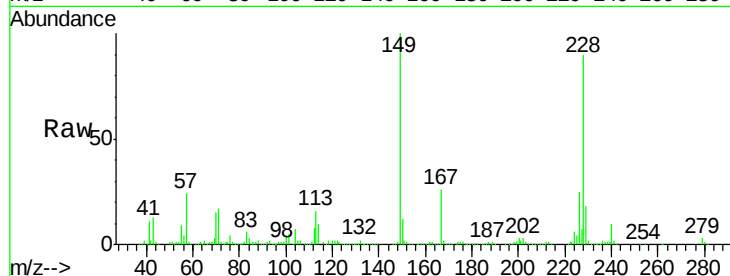




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.99 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

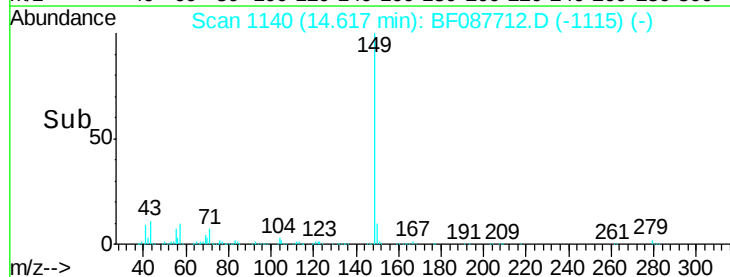
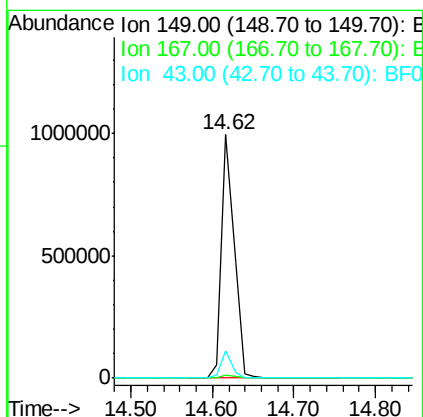
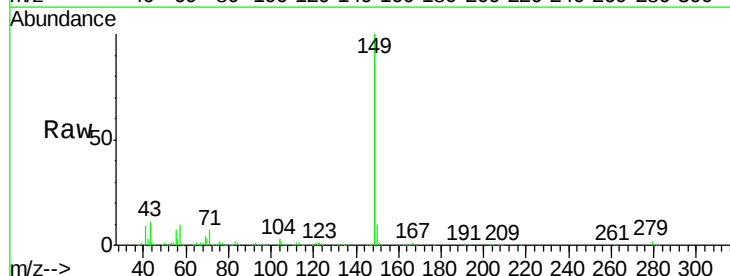
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

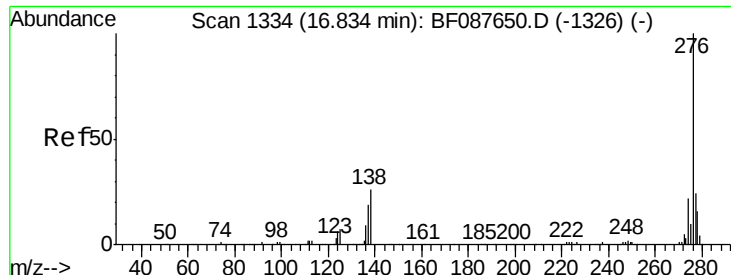
Tgt Ion:149 Resp: 616385
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.5 30.7
 279 3.1 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 39.00 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion:149 Resp: 1064156
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.5 0.0 0.0#

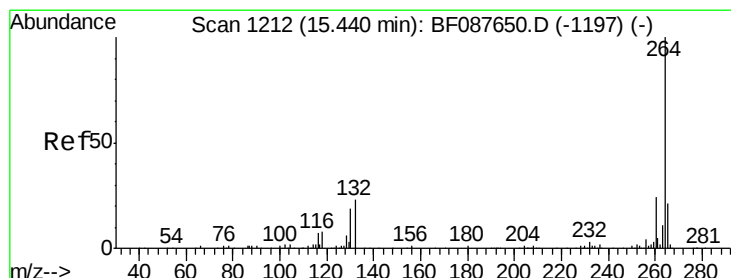
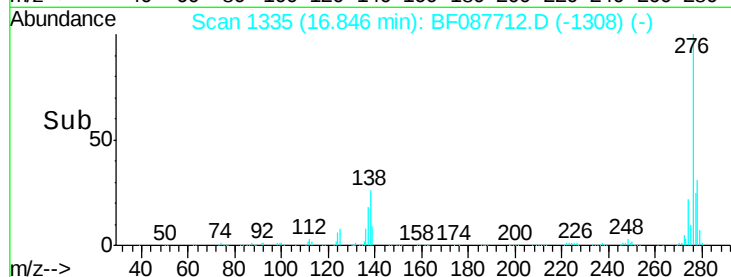
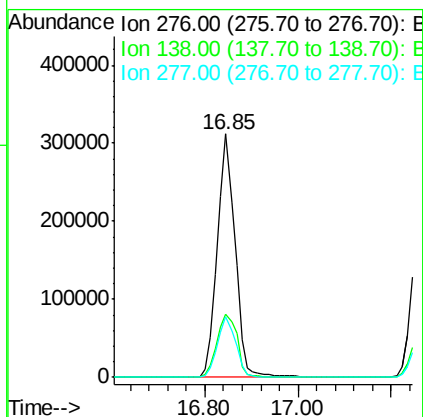
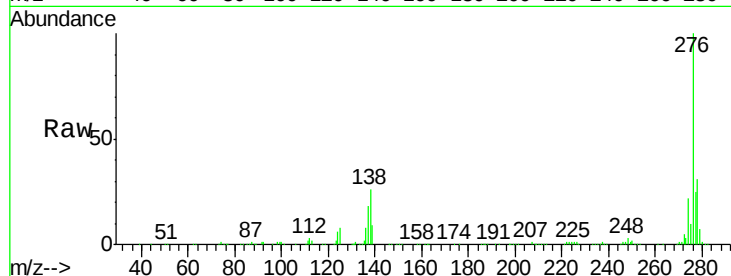




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.69 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

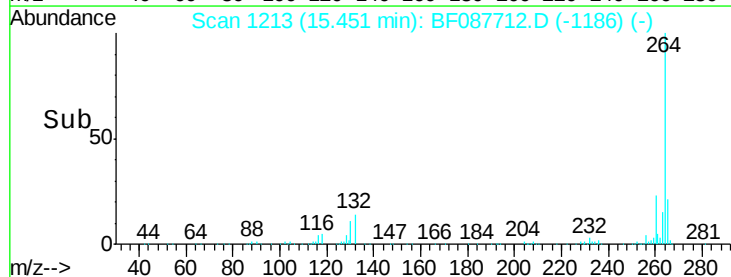
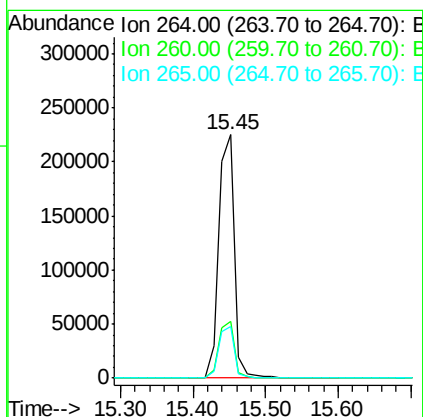
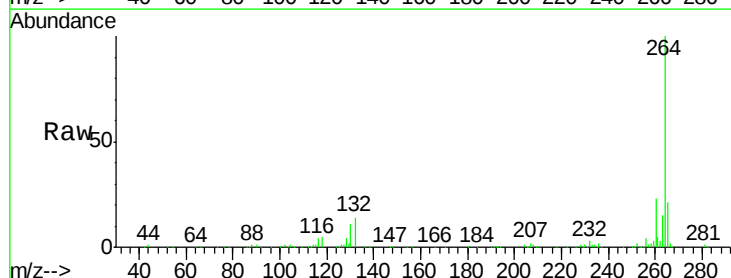
Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

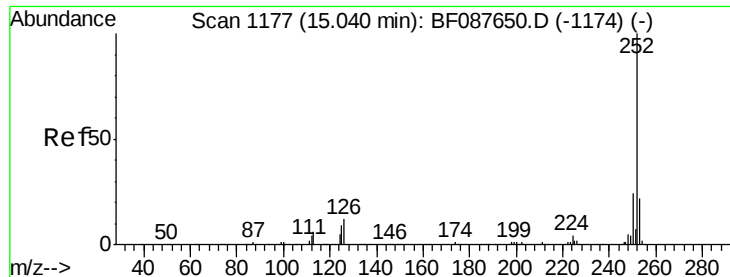
Tgt Ion: 276 Resp: 824965
 Ion Ratio Lower Upper
 276 100
 138 30.0 0.0 0.0#
 277 25.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF087712.D
 Acq: 5 Jun 2016 17:20

Tgt Ion: 264 Resp: 334277
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 16.9 25.3

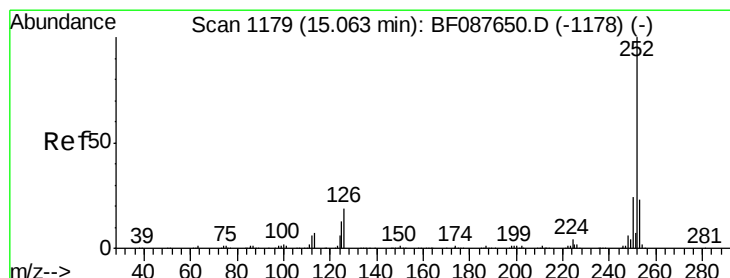
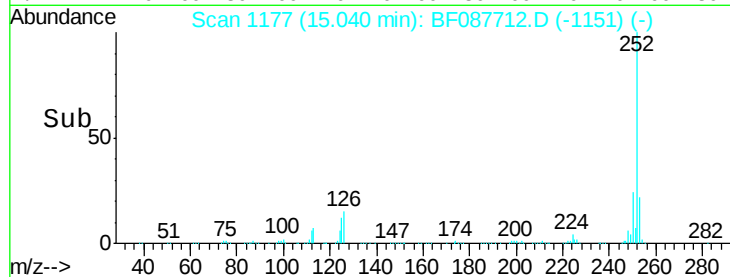
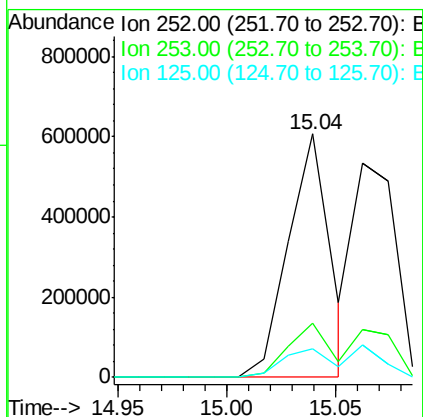
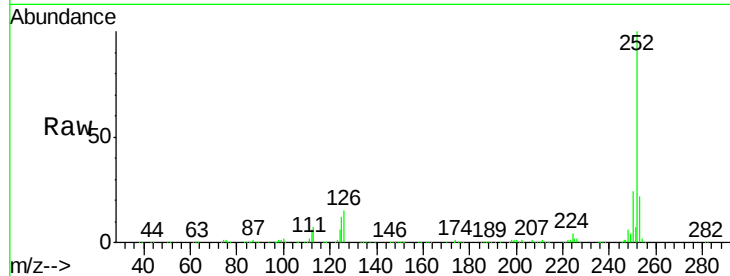




#87
Benzo(b)fluoranthene
Concen: 37.19 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

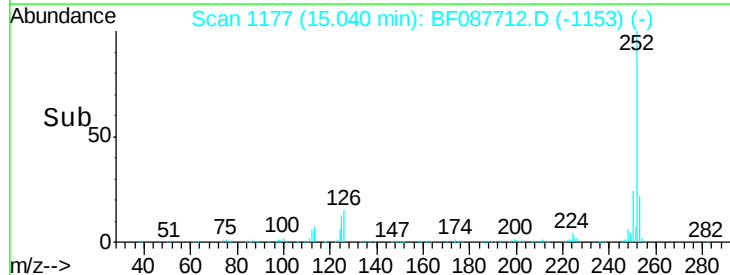
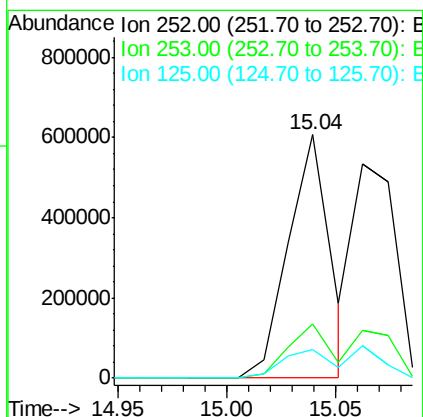
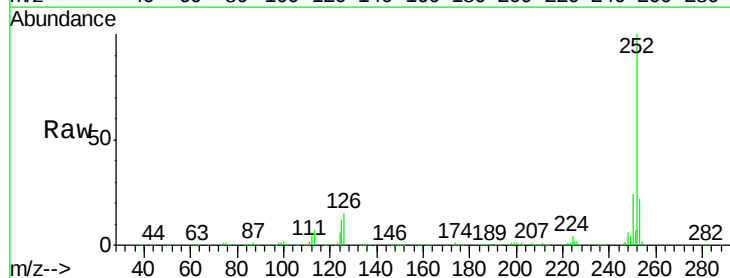
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

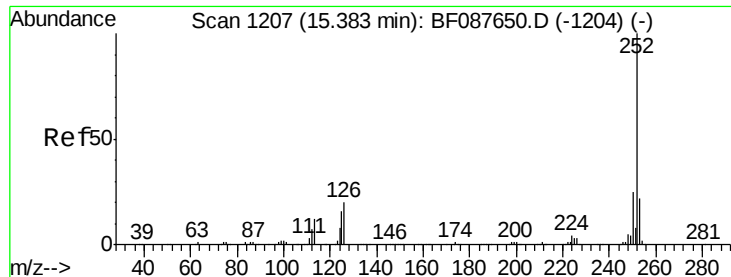
Tgt Ion:252 Resp: 808713
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.7 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 44.70 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion:252 Resp: 808713
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.7 11.2 16.8

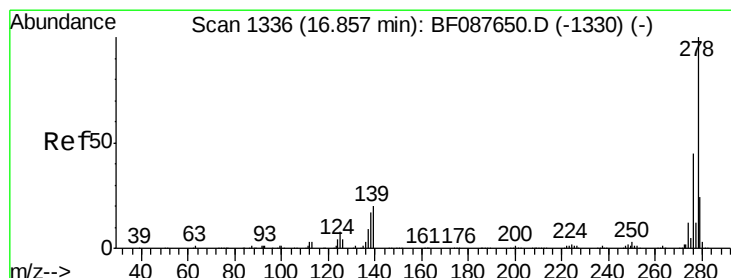
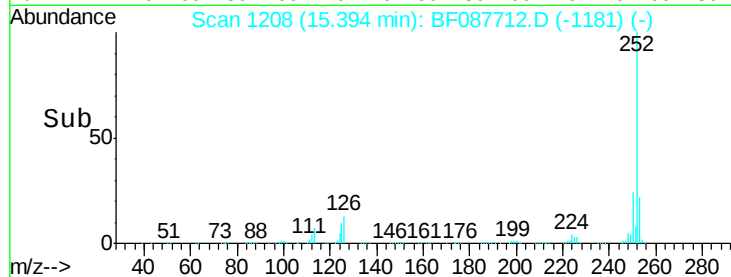
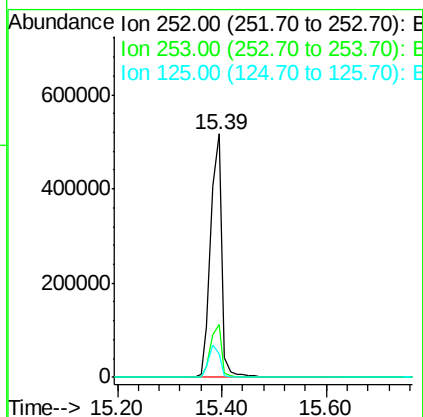
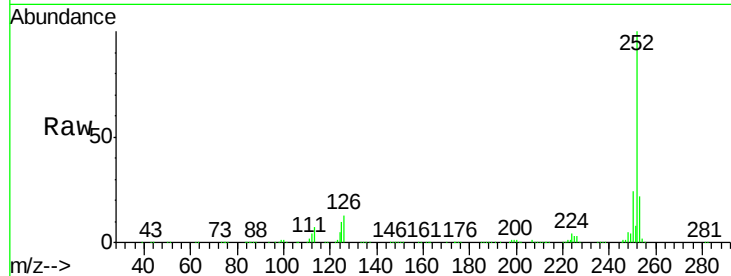




#89
Benzo(a)pyrene
Concen: 41.63 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

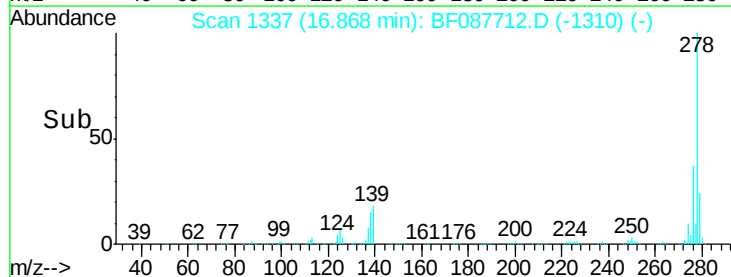
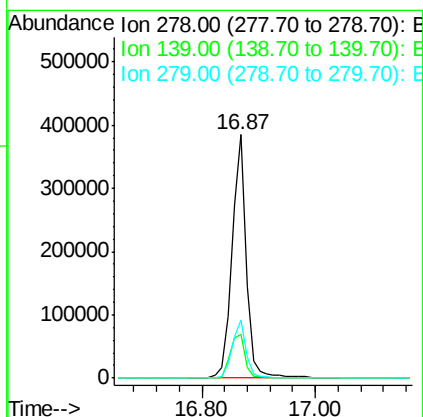
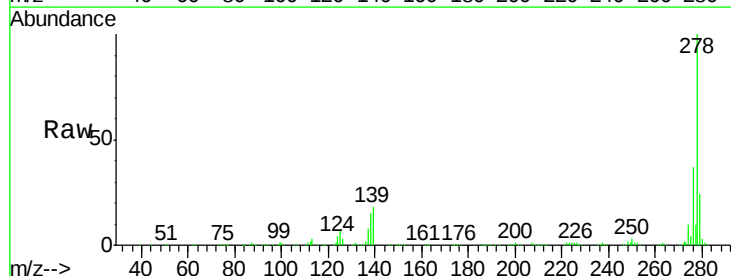
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

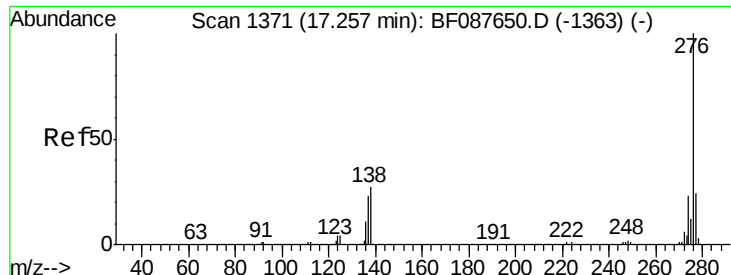
Tgt Ion: 252 Resp: 760985
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.8 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 43.81 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087712.D
Acq: 5 Jun 2016 17:20

Tgt Ion: 278 Resp: 681538
Ion Ratio Lower Upper
278 100
139 18.0 15.7 23.5
279 24.0 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 44.32 ng

RT: 17.27 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF087712.D

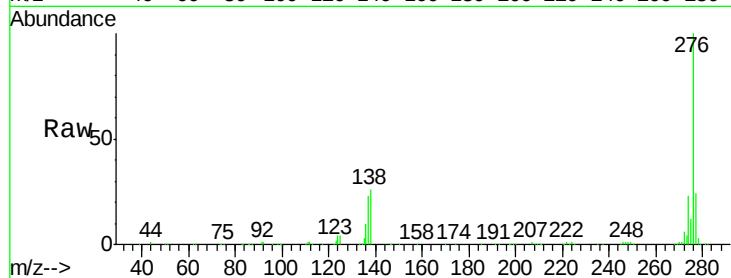
Acq: 5 Jun 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD



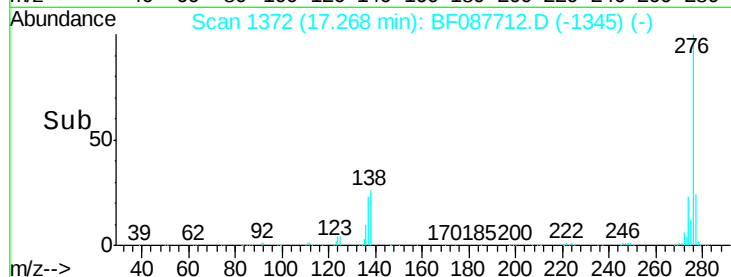
Tgt Ion: 276 Resp: 695584

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 26.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

