

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088254.D
 Acq On : 22 Jun 2016 17:24
 Operator : UM/SJ
 Sample : H3660-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Quant Time: Jun 22 18:00:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	75635	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	315380	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	150830	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	265304	20.00	ng	0.00
75) Chrysene-d12	13.75	240	203662	20.00	ng	0.00
86) Perylene-d12	15.11	264	168179	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	637711	144.14	ng	0.02
7) Phenol-d6	6.27	99	768822	143.39	ng	0.01
23) Nitrobenzene-d5	7.18	82	476726	88.27	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	176625	110.90	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	783661	81.38	ng	0.00
78) Terphenyl-d14	12.70	244	618867	69.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	82912	38.57	ng	# 26
3) Pyridine	2.74	79	195763	38.57	ng	92
4) n-Nitrosodimethylamine	2.70	42	97352	45.29	ng	84
6) Aniline	6.27	93	243421	31.90	ng	# 37
8) 2-Chlorophenol	6.39	128	256709	49.02	ng	100
10) Phenol	6.28	94	308935	56.44	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	249302	53.03	ng	86
12) 1,3-Dichlorobenzene	6.54	146	266172	47.37	ng	98
13) 1,4-Dichlorobenzene	6.62	146	269648	47.64	ng	96
14) 1,2-Dichlorobenzene	6.78	146	242408	47.09	ng	97
15) Benzyl Alcohol	6.76	79	177132	42.23	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	258348	40.67	ng	70
17) 2-Methylphenol	6.89	107	213507	50.27	ng	95
18) Hexachloroethane	7.11	117	92542	46.08	ng	# 87
19) n-Nitroso-di-n-propylamine	7.04	70	167085	48.71	ng	# 84
20) 3+4-Methylphenols	7.05	107	279061	56.32	ng	# 76
22) Acetophenone	7.03	105	330070	46.83	ng	# 98
24) Nitrobenzene	7.20	77	266551	50.95	ng	94
25) Isophorone	7.44	82	465678	46.55	ng	100
26) 2-Nitrophenol	7.52	139	147605	52.67	ng	# 78
27) 2,4-Dimethylphenol	7.56	122	225716	43.74	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	301253	48.55	ng	# 97
29) 2,4-Dichlorophenol	7.77	162	217615	50.51	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	219128	46.71	ng	98
31) Naphthalene	7.91	128	715997	45.88	ng	99
32) Benzoic acid	7.71	122	50174	17.66	ng	95
33) 4-Chloroaniline	7.98	127	230927	33.14	ng	94
34) Hexachlorobutadiene	8.03	225	113778	45.99	ng	99
35) Caprolactam	8.36	113	43139	30.23	ng	# 74
36) 4-Chloro-3-methylphenol	8.48	107	235230	51.06	ng	96
37) 2-Methylnaphthalene	8.71	142	456545	44.38	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	205175	57.78	ng	# 1
40) Hexachlorocyclopentadiene	8.75	237	87213	35.85	ng	100
42) 2,4,6-Trichlorophenol	8.89	196	133633	44.30	ng	94

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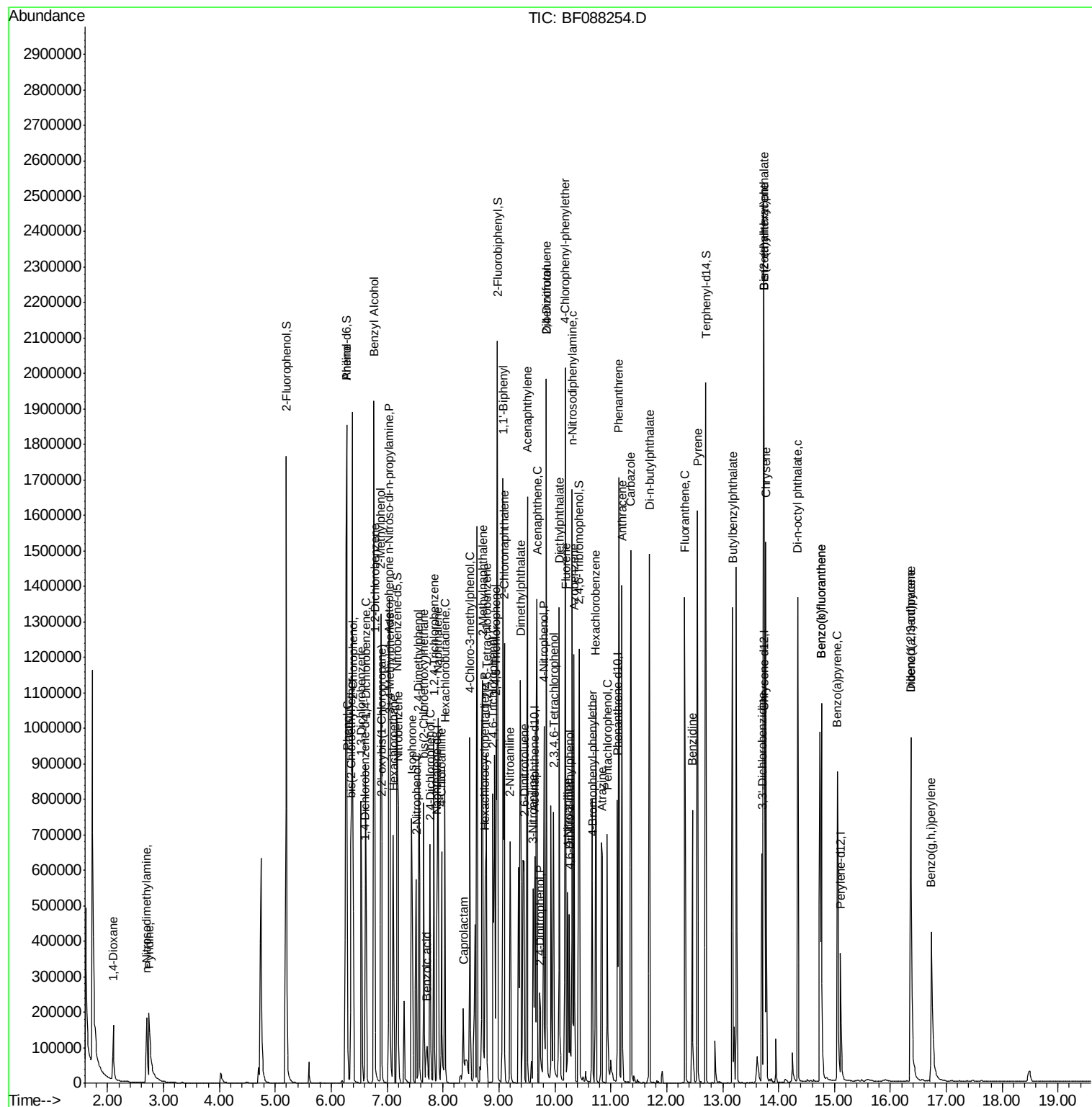
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	144003	45.89	ng	95
45) 1,1'-Biphenyl	9.07	154	600356	54.31	ng	97
46) 2-Chloronaphthalene	9.10	162	465033	47.65	ng	95
47) 2-Nitroaniline	9.20	65	121045	42.04	ng	91
48) Acenaphthylene	9.51	152	694423	44.73	ng	99
49) Dimethylphthalate	9.38	163	706502	64.66	ng	99
50) 2,6-Dinitrotoluene	9.45	165	128512	51.36	ng	99
51) Acenaphthene	9.68	154	424736	43.85	ng	99
52) 3-Nitroaniline	9.61	138	103253	35.76	ng	99
53) 2,4-Dinitrophenol	9.74	184	57680	47.50	ng	# 75
54) Dibenzofuran	9.85	168	578476	43.37	ng	91
55) 4-Nitrophenol	9.80	139	134765	60.14	ng	# 86
56) 2,4-Dinitrotoluene	9.85	165	138007	42.92	ng	# 52
57) Fluorene	10.19	166	468696	52.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	111011	45.02	ng	# 57
59) Diethylphthalate	10.08	149	527661	47.71	ng	99
60) 4-Chlorophenyl-phenylether	10.18	204	188414	42.48	ng	93
61) 4-Nitroaniline	10.23	138	132018	48.20	ng	97
62) Azobenzene	10.34	77	505922	46.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	82345	49.64	ng	# 70
65) n-Nitrosodiphenylamine	10.31	169	427393	48.55	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	138229	48.57	ng	92
67) Hexachlorobenzene	10.73	284	134198	45.38	ng	97
68) Atrazine	10.84	200	134997	50.64	ng	98
69) Pentachlorophenol	10.94	266	103997	66.71	ng	98
70) Phenanthrene	11.14	178	652633	46.88	ng	100
71) Anthracene	11.20	178	706229	50.29	ng	99
72) Carbazole	11.36	167	699478	53.23	ng	99
73) Di-n-butylphthalate	11.69	149	767458	46.13	ng	99
74) Fluoranthene	12.32	202	678313	46.17	ng	97
76) Benzidine	12.46	184	335476	59.49	ng	98
77) Pyrene	12.55	202	651801	43.13	ng	99
79) Butylbenzylphthalate	13.18	149	336122	50.31	ng	93
80) Benzo(a)anthracene	13.74	228	482602	41.58	ng	99
81) 3,3'-Dichlorobenzidine	13.70	252	132429	42.43	ng	# 97
82) Chrysene	13.77	228	528966	48.45	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	382878	47.07	ng	99
84) Di-n-octyl phthalate	14.34	149	704685	53.32	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.37	276	433345	42.72	ng	# 100
87) Benzo(b)fluoranthene	14.77	252	910690	77.69	ng	# 97
88) Benzo(k)fluoranthene	14.77	252	910912	103.02	ng	# 97
89) Benzo(a)pyrene	15.05	252	443673	46.78	ng	99
90) Dibenzo(a,h)anthracene	16.37	278	363353	41.25	ng	98
91) Benzo(g,h,i)perylene	16.73	276	381708	42.13	ng	97

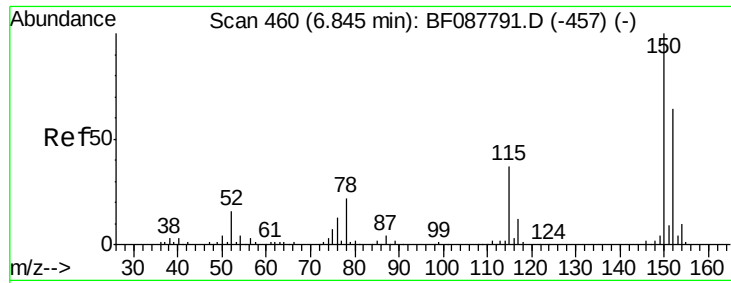
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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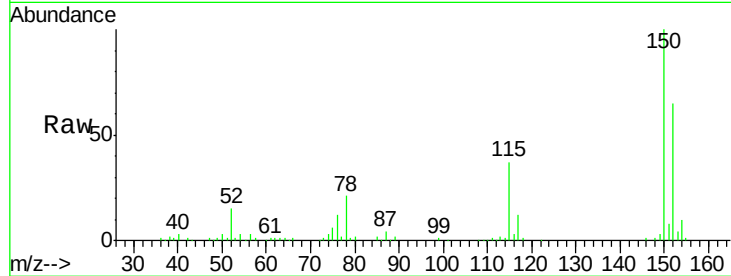


#1

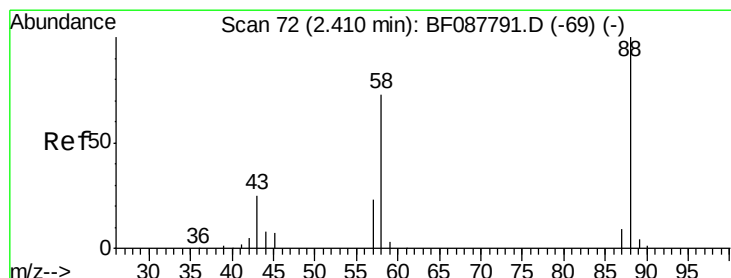
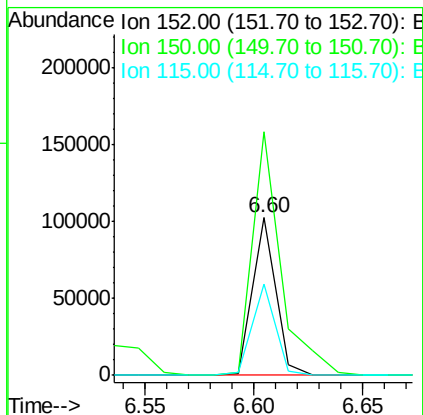
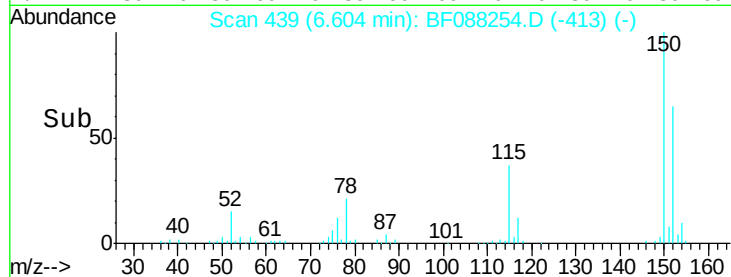
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion:152 Resp: 75635
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 57.8 39.6 59.4



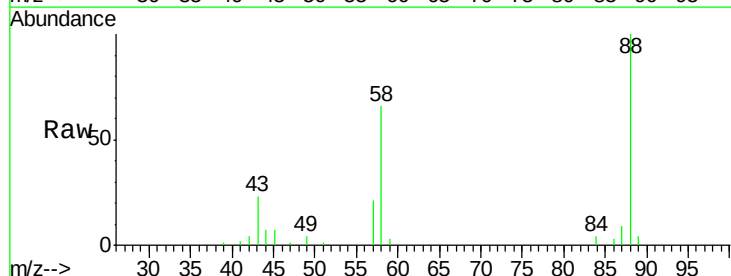
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



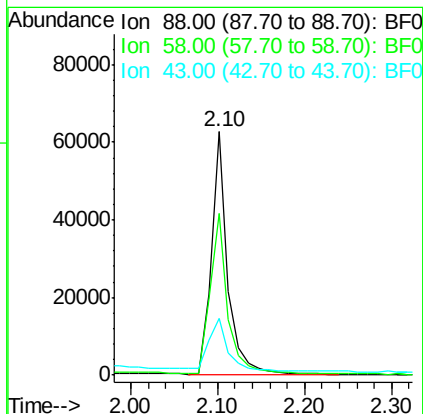
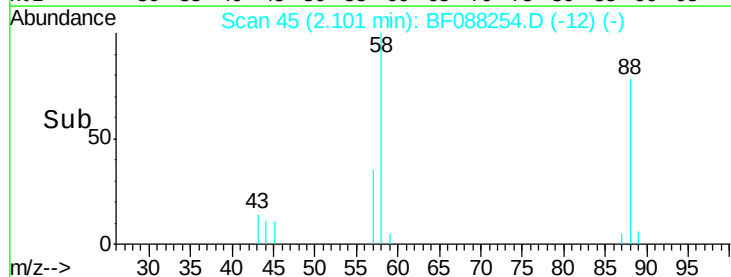
#2

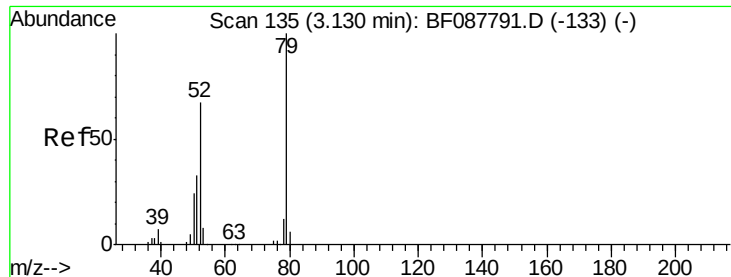
1,4-Dioxane
Concen: 38.57 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion: 88 Resp: 82912
Ion Ratio Lower Upper
88 100
58 69.7 0.0 0.0#
43 28.6 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

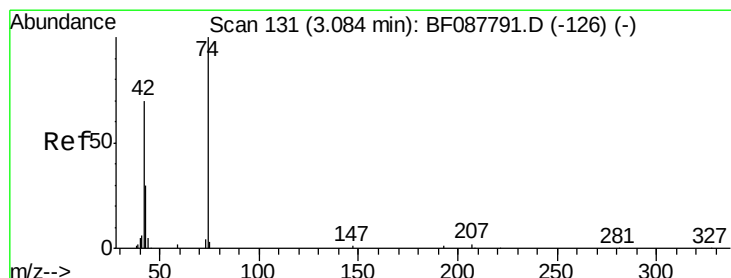
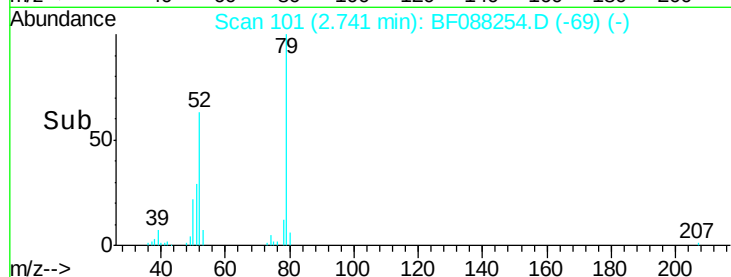
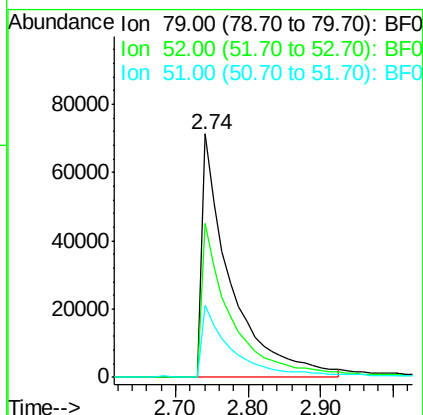
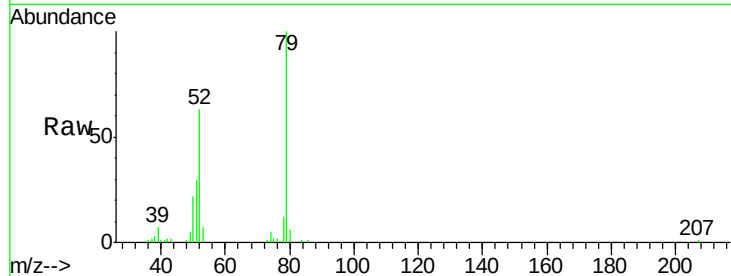




#3
 Pyridine
 Concen: 38.57 ng
 RT: 2.74 min Scan# 101
 Delta R.T. 0.07 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

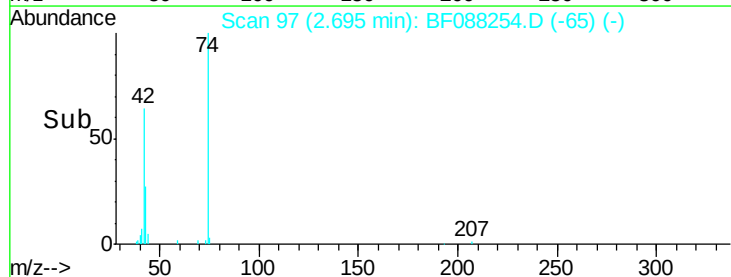
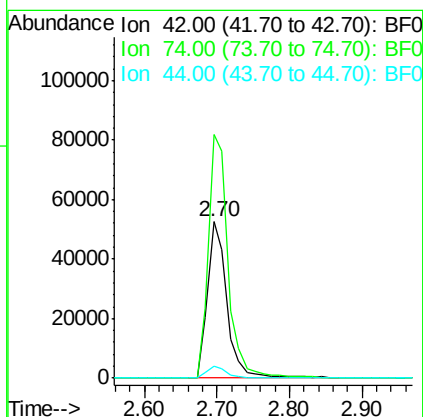
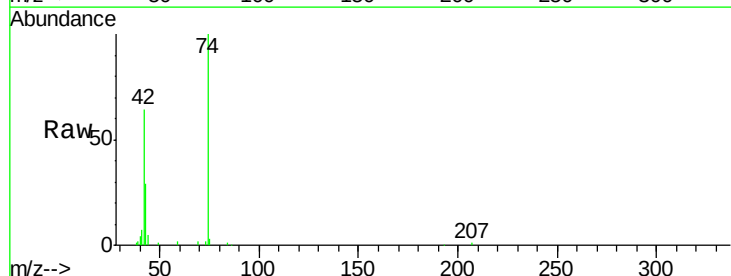
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

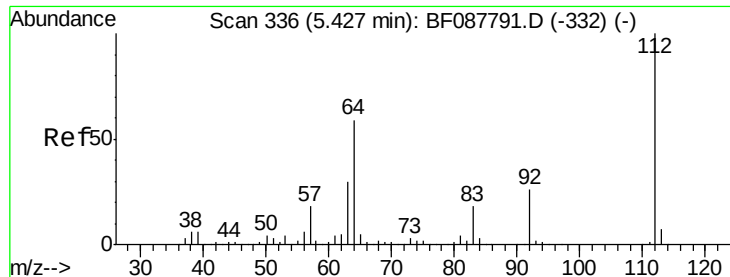
Tgt Ion: 79 Resp: 195763
 Ion Ratio Lower Upper
 79 100
 52 63.4 56.3 84.5
 51 29.6 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 45.29 ng
 RT: 2.70 min Scan# 97
 Delta R.T. 0.07 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion: 42 Resp: 97352
 Ion Ratio Lower Upper
 42 100
 74 155.9 108.6 163.0
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 144.14 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.02 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

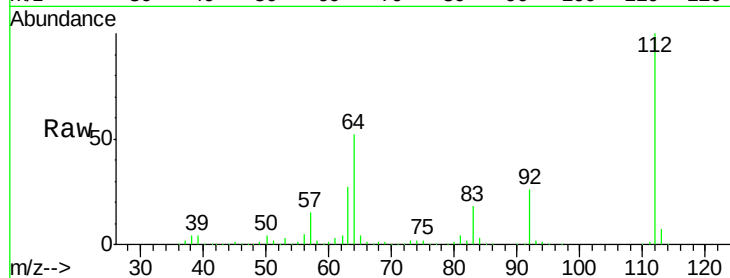
Tgt Ion: 112 Resp: 637711

Ion Ratio Lower Upper

112 100

64 52.2 42.2 63.2

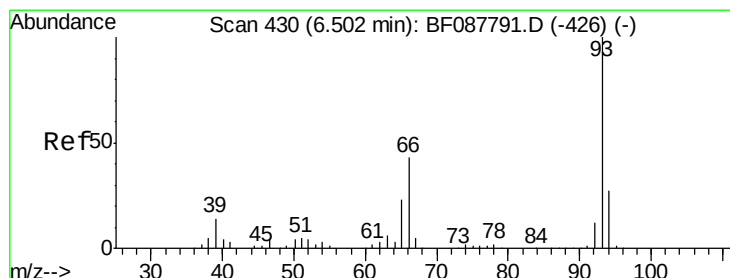
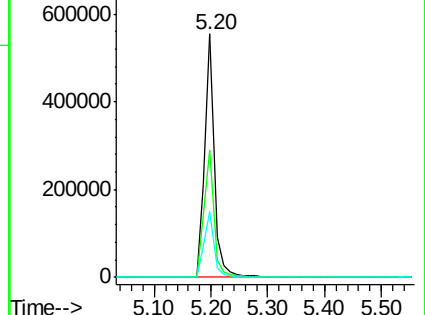
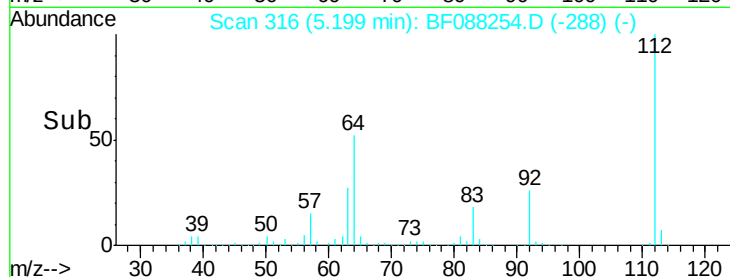
63 27.0 21.8 32.8



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: 31.90 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

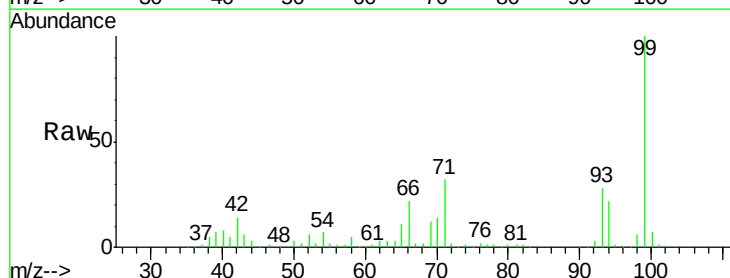
Tgt Ion: 93 Resp: 243421

Ion Ratio Lower Upper

93 100

66 78.9 29.8 44.8#

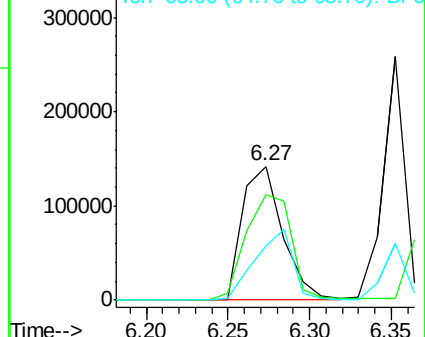
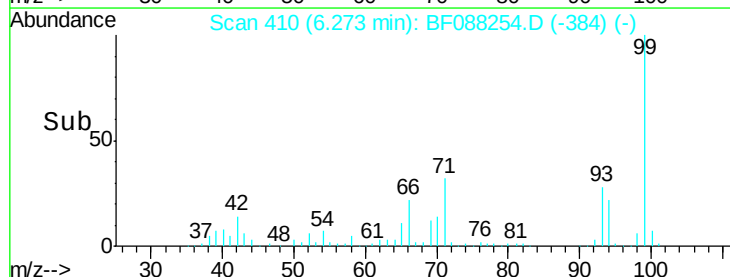
65 40.3 14.9 22.3#

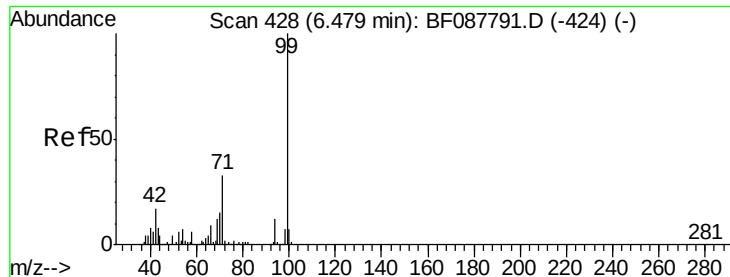


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.39 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088254.D

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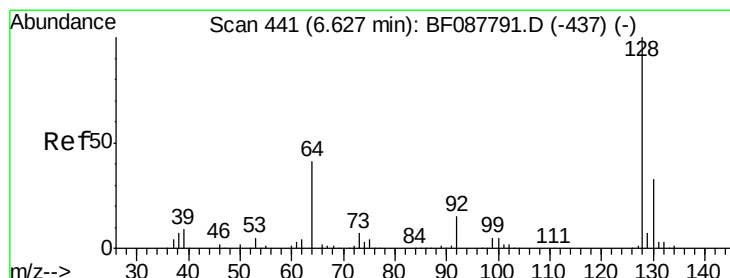
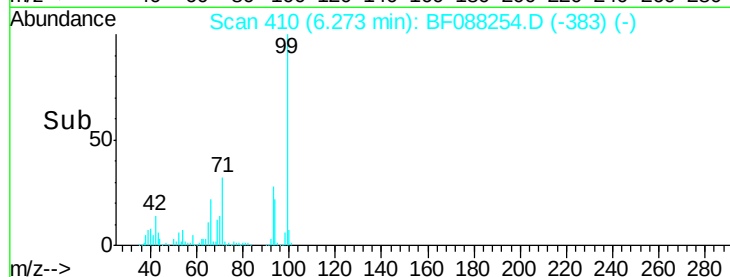
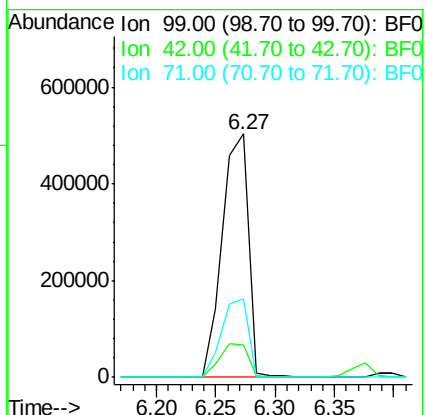
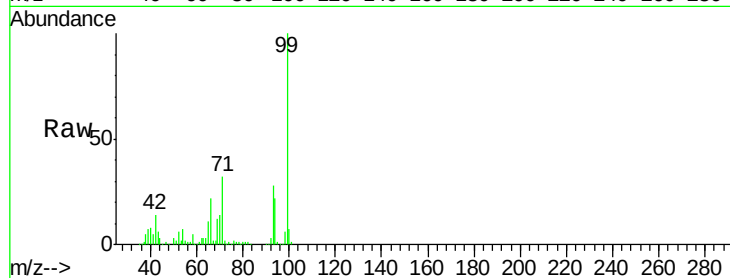
Tgt Ion: 99 Resp: 768822

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

71 32.1 23.4 35.0



#8

2-Chlorophenol

Concen: 49.02 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088254.D

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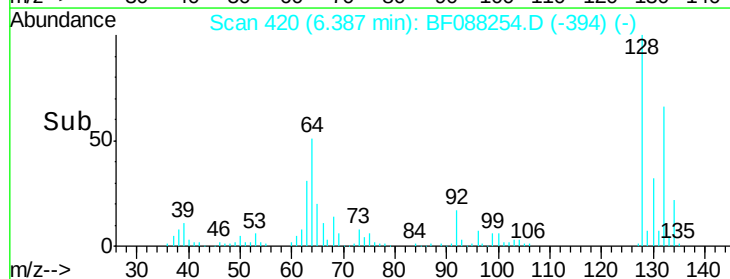
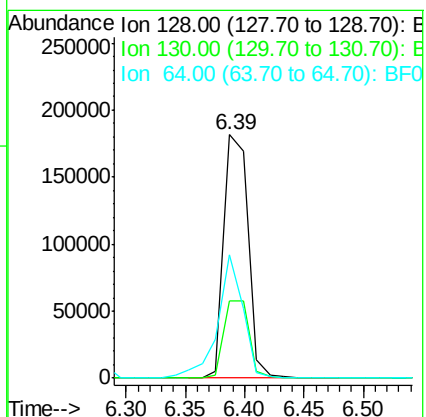
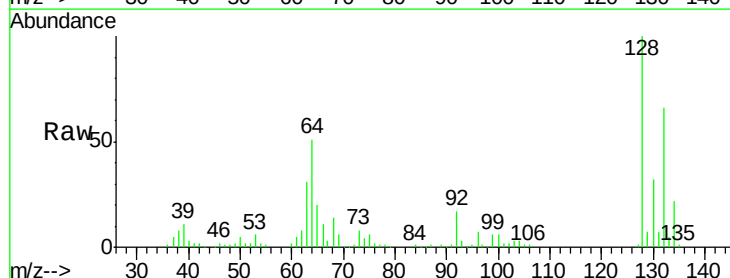
Tgt Ion: 128 Resp: 256709

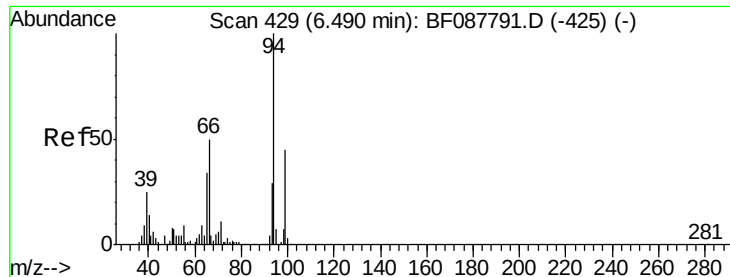
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 50.8 30.8 70.8





#10

Phenol

Concen: 56.44 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

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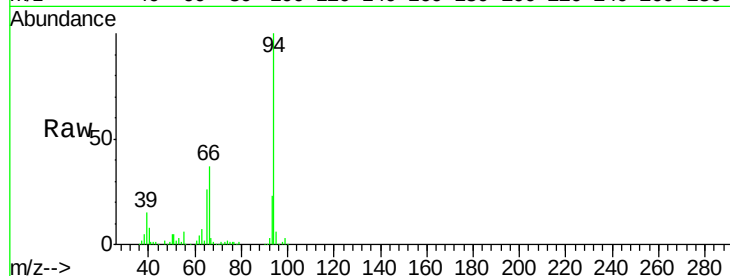
Tgt Ion: 94 Resp: 308935

Ion Ratio Lower Upper

94 100

65 26.2 5.9 45.9

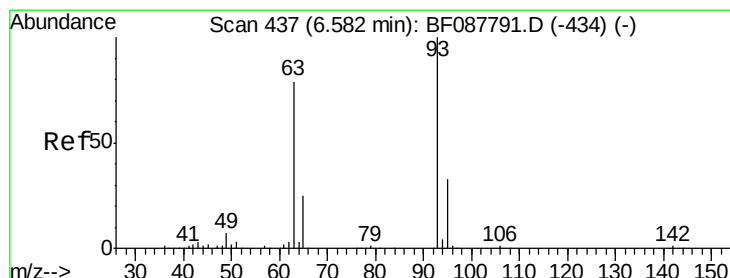
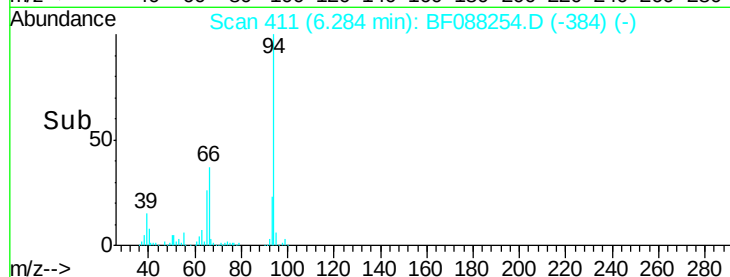
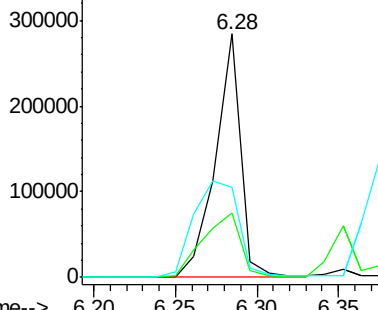
66 36.8 14.0 54.0



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: 53.03 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

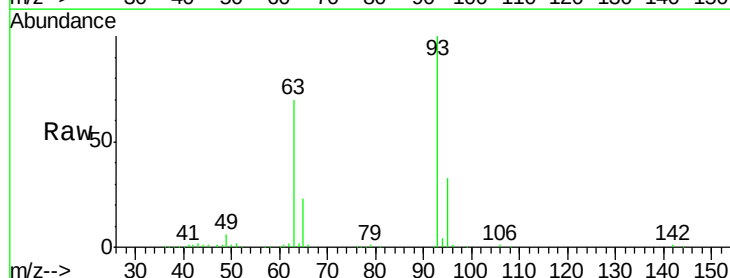
Tgt Ion: 93 Resp: 249302

Ion Ratio Lower Upper

93 100

63 70.4 67.6 107.6

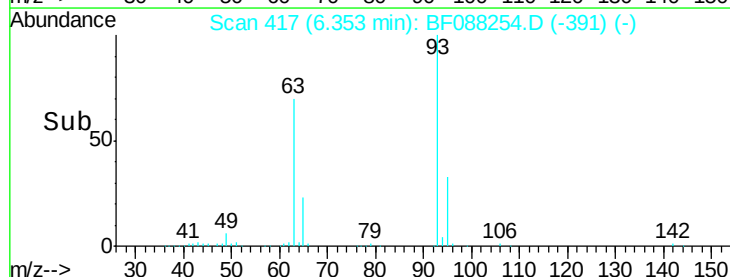
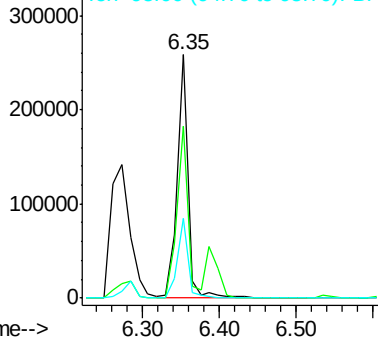
95 33.0 12.5 52.5

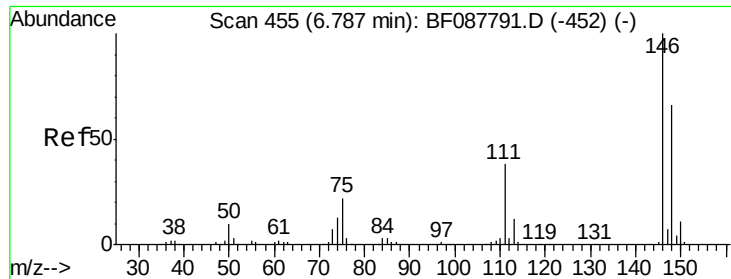


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

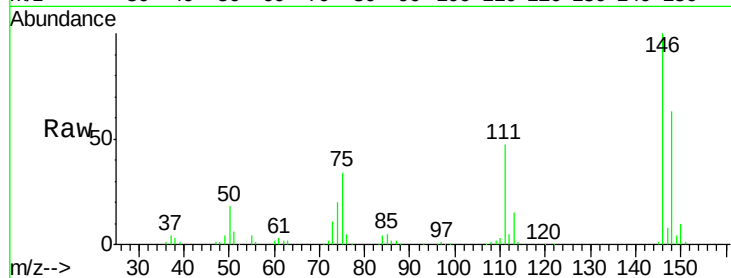




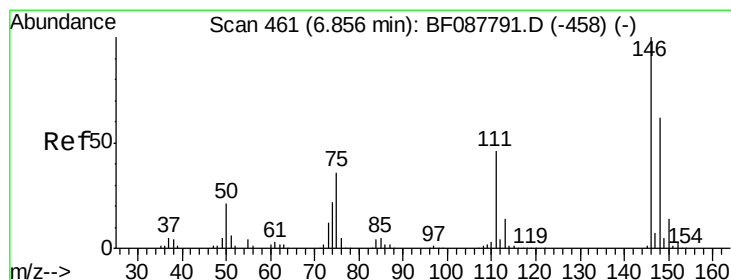
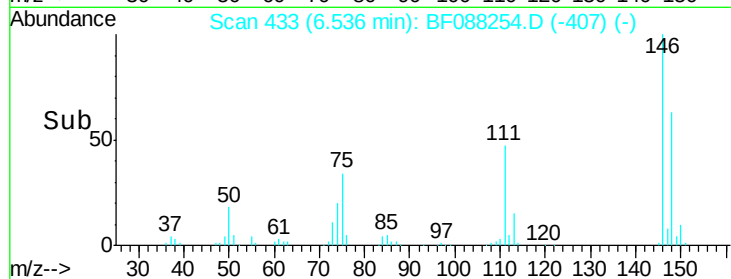
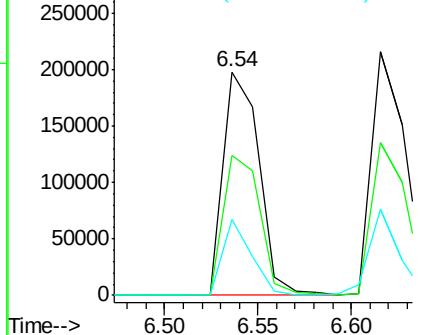
#12
 1,3-Dichlorobenzene
 Concen: 47.37 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
75	34.0	25.6	38.4

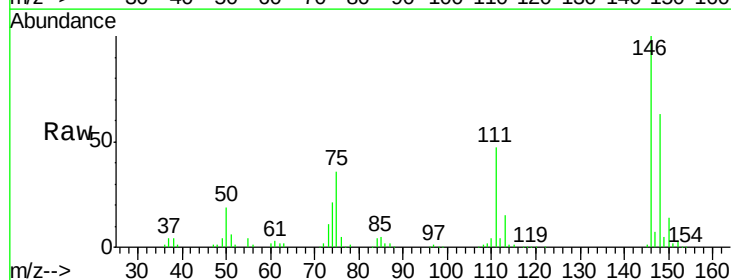


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

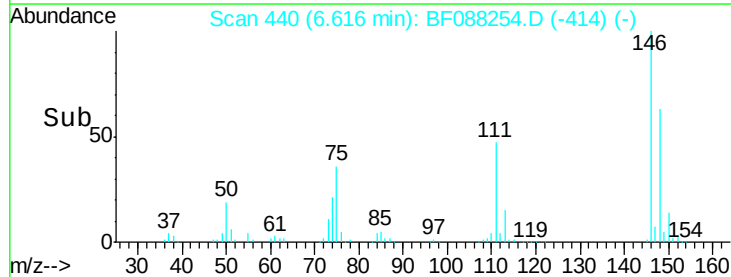
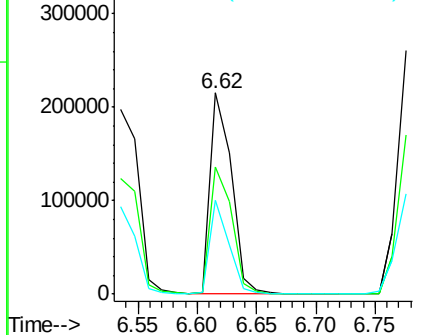


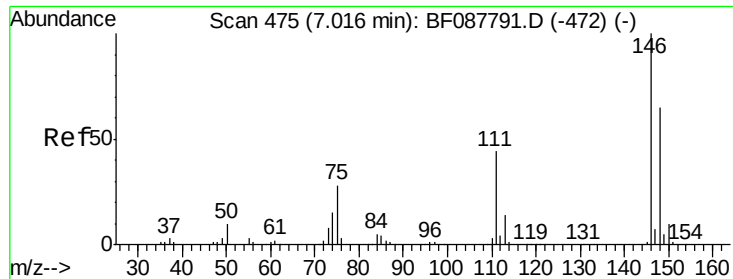
#13
 1,4-Dichlorobenzene
 Concen: 47.64 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.0	78.0
111	46.7	33.8	50.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

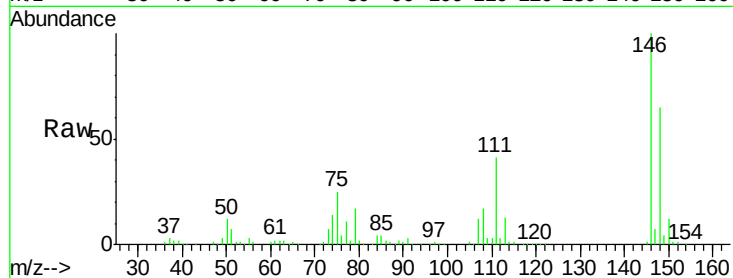




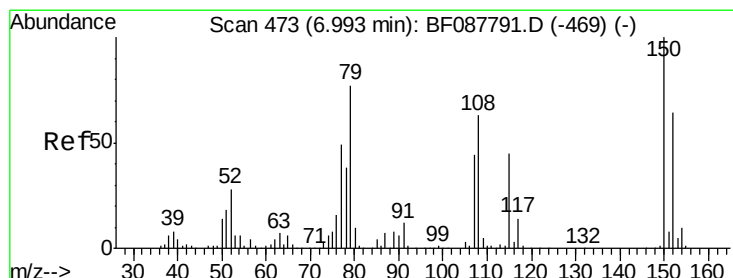
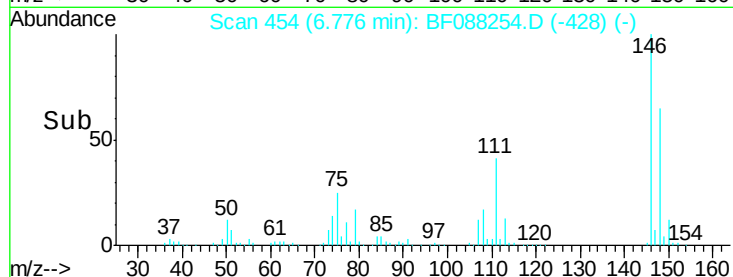
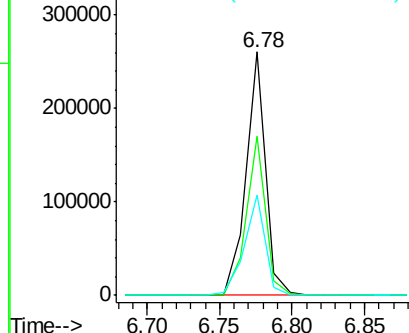
#14
 1,2-Dichlorobenzene
 Concen: 47.09 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Tgt Ion: 146 Resp: 242408
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 41.3 28.7 43.1

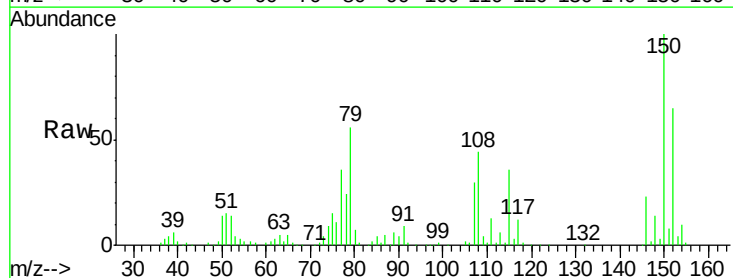


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

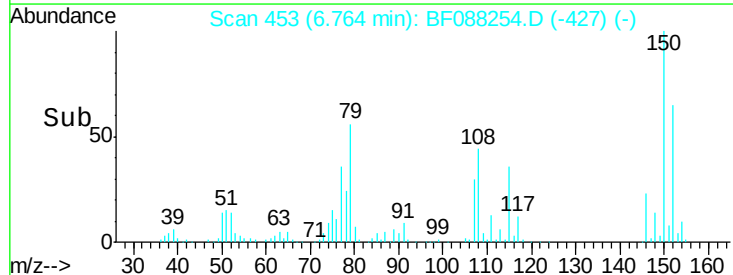
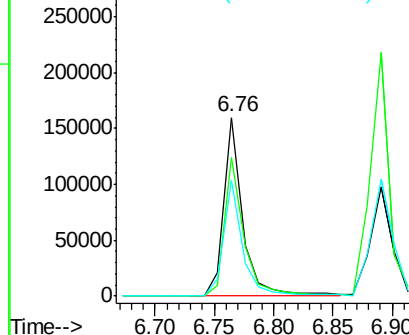


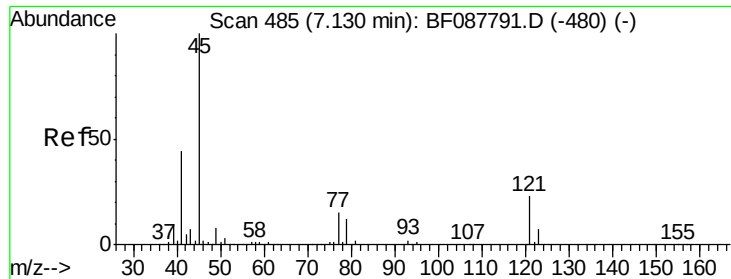
#15
 Benzyl Alcohol
 Concen: 42.23 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion: 79 Resp: 177132
 Ion Ratio Lower Upper
 79 100
 108 77.4 65.0 97.6
 77 64.8 50.3 75.5



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

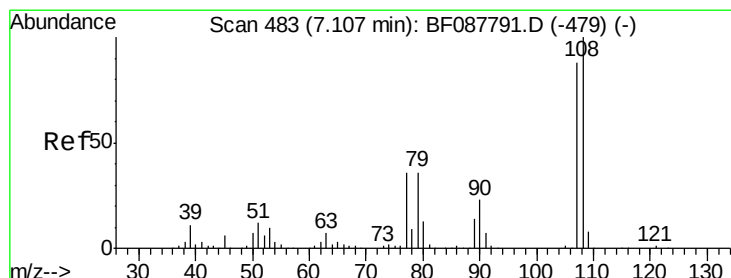
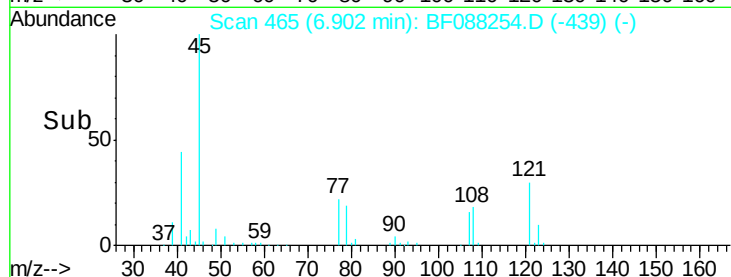
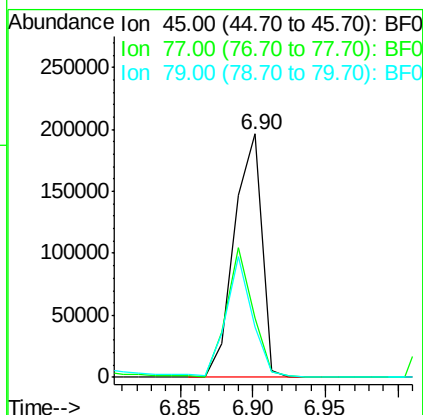
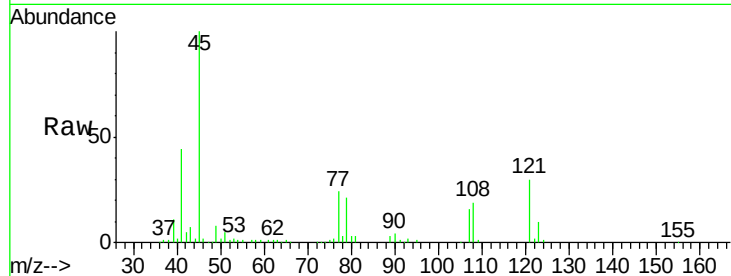




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.67 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

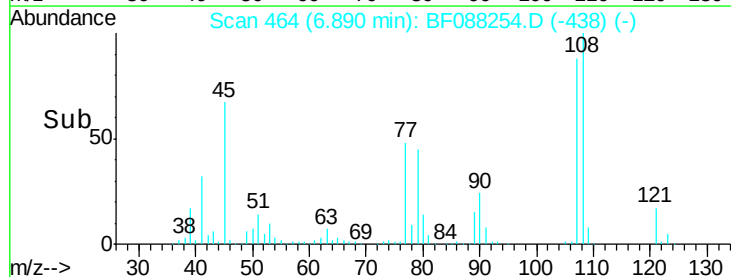
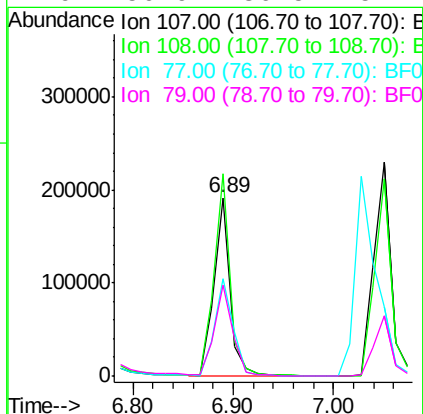
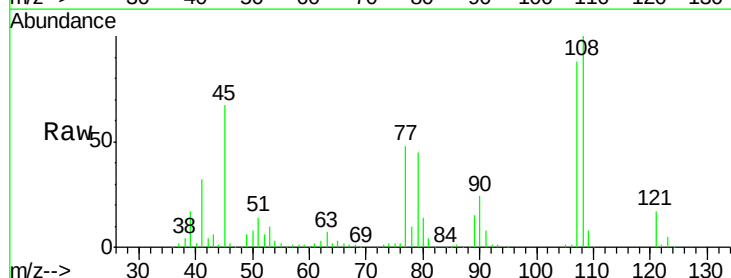
Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

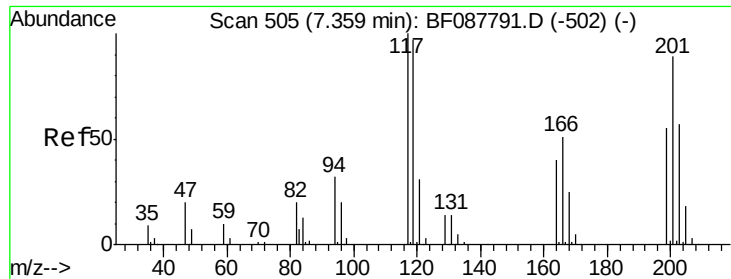
Tgt Ion: 45 Resp: 258348
Ion Ratio Lower Upper
45 100
77 24.2 0.0 32.5
79 20.5 0.0 29.5



#17
2-Methylphenol
Concen: 50.27 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion: 107 Resp: 213507
Ion Ratio Lower Upper
107 100
108 113.7 90.9 136.3
77 54.4 36.6 55.0
79 50.9 36.5 54.7

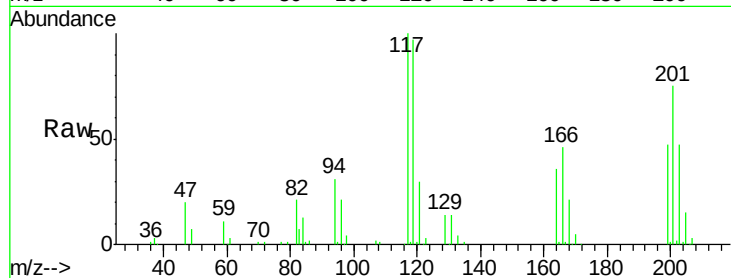




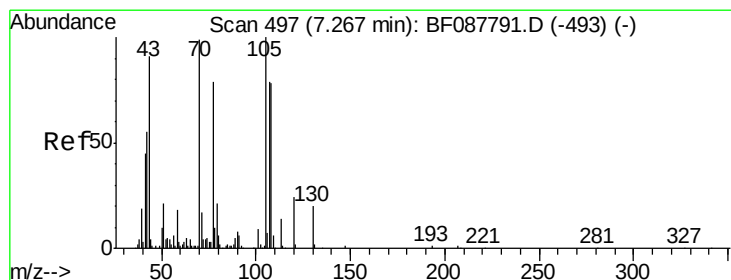
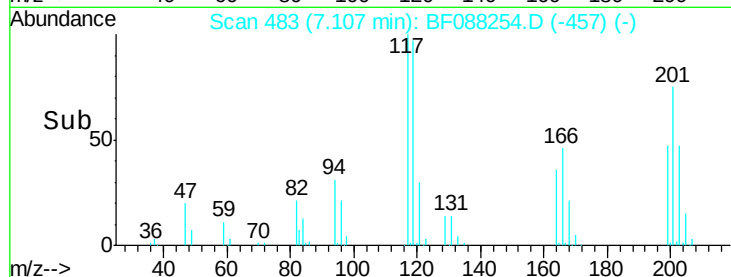
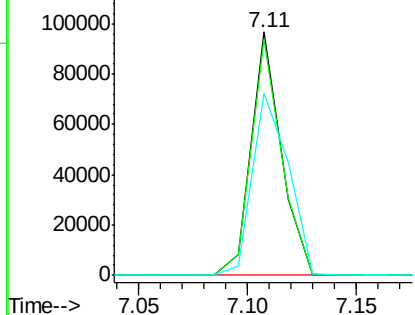
#18
Hexachloroethane
Concen: 46.08 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion: 117 Resp: 92542
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.2
201 75.0 80.4 120.6#

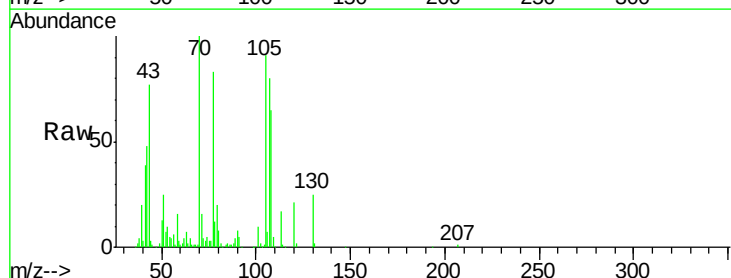


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

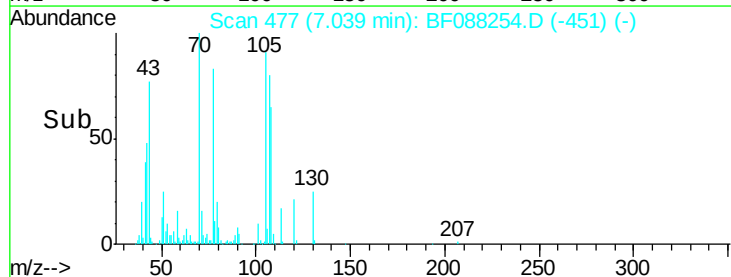
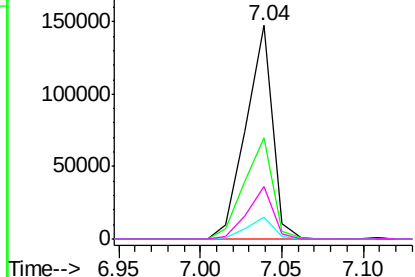


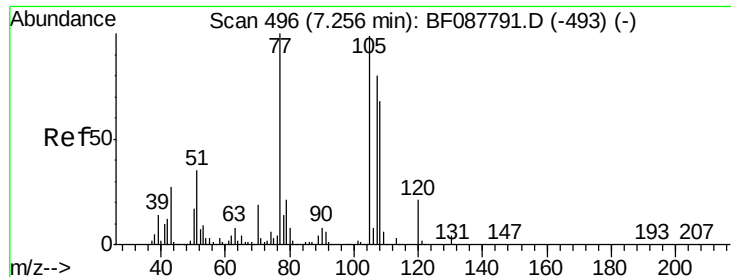
#19
n-Nitroso-di-n-propylamine
Concen: 48.71 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion: 70 Resp: 167085
Ion Ratio Lower Upper
70 100
42 47.6 49.6 74.4#
101 10.3 7.1 10.7
130 24.7 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

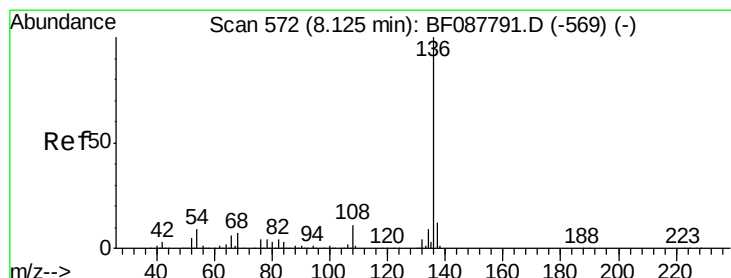
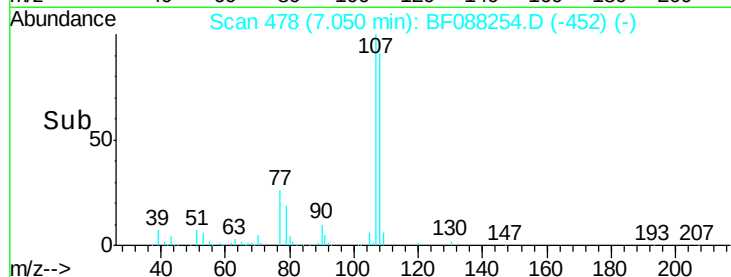
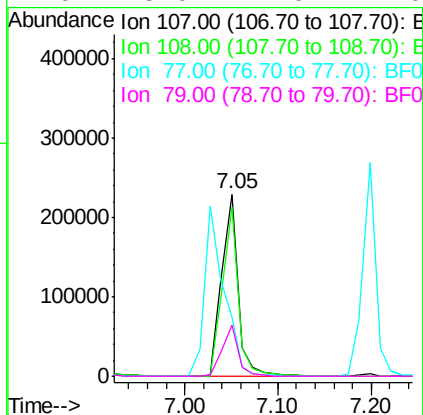
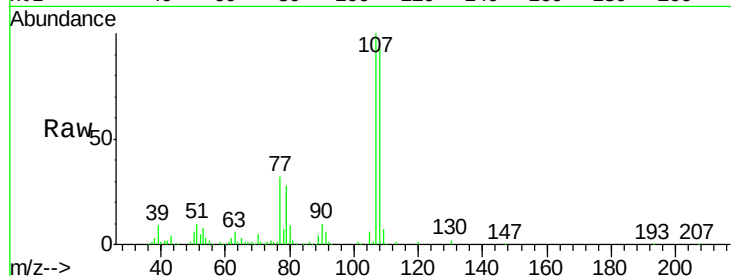




#20
3+4-Methylphenols
Concen: 56.32 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

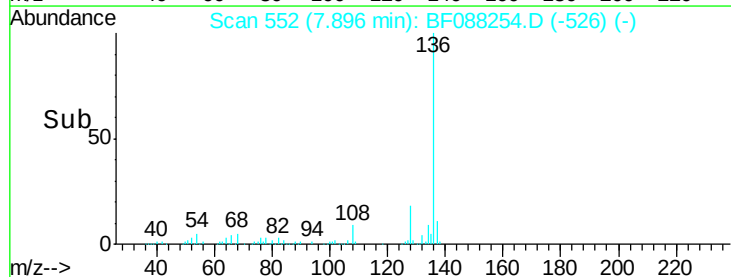
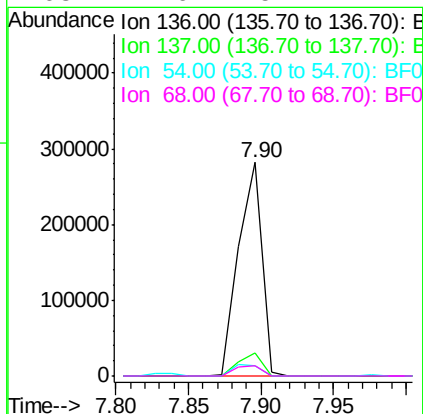
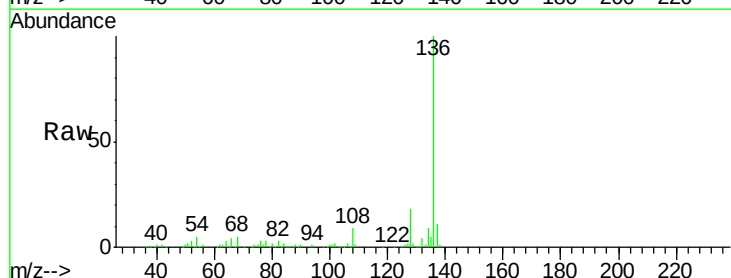
Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

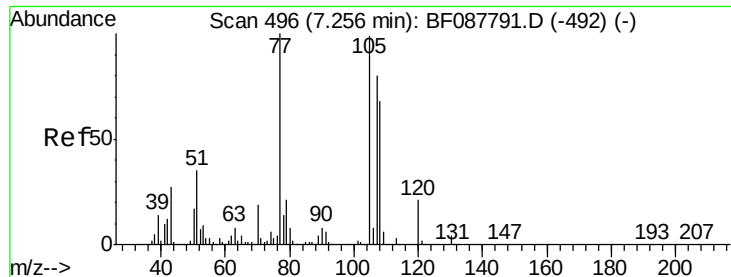
Tgt Ion:	107	Resp:	279061
Ion	Ratio	Lower	Upper
107	100		
108	92.5	67.8	107.8
77	32.2	59.3	99.3#
79	28.0	7.0	47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:	136	Resp:	315380
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.1	6.6	10.0#
68	4.6	5.1	7.7#

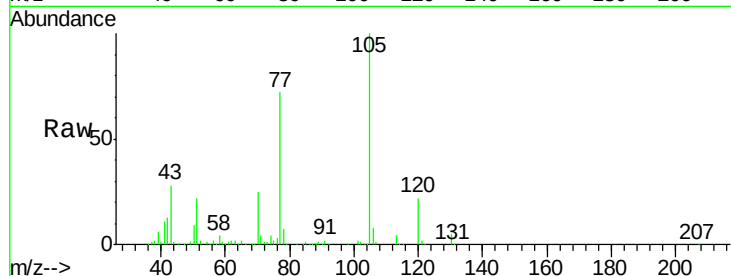




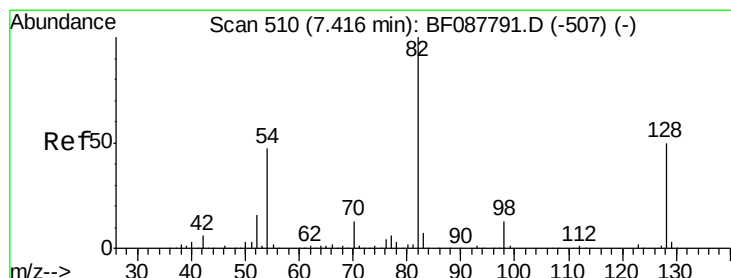
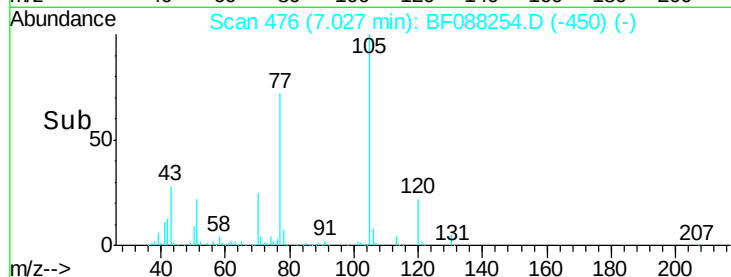
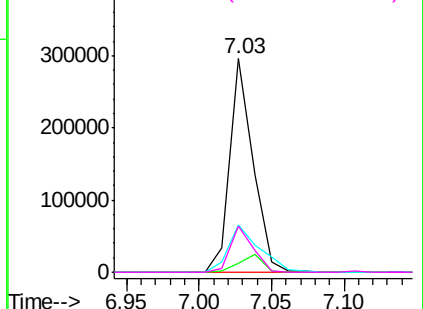
#22
Acetophenone
Concen: 46.83 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion: 105 Resp: 330070
Ion Ratio Lower Upper
105 100
71 4.3 5.3 7.9#
51 22.0 18.2 27.4
120 21.6 18.0 27.0

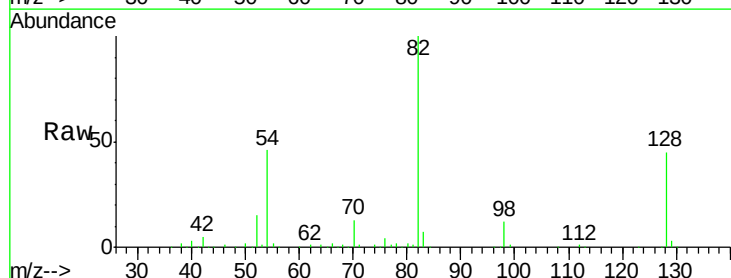


Abundance Ion 105.00 (104.70 to 105.70): E

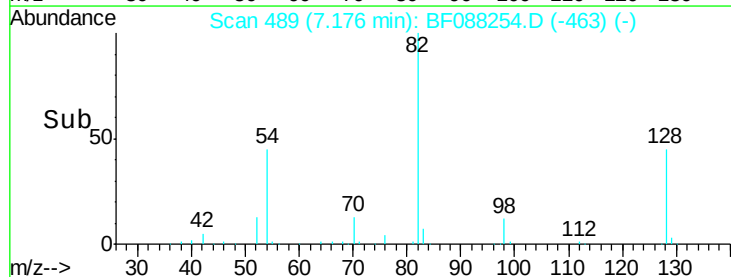
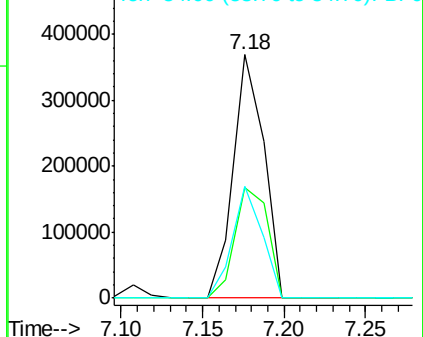


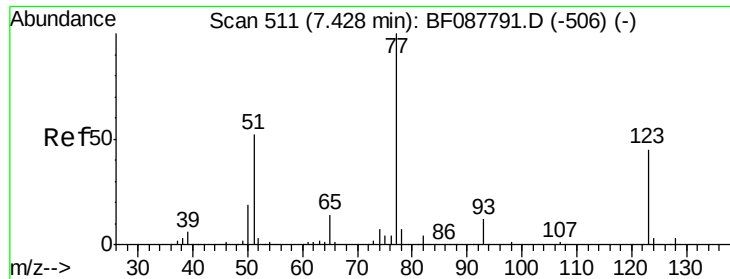
#23
Nitrobenzene-d5
Concen: 88.27 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion: 82 Resp: 476726
Ion Ratio Lower Upper
82 100
128 45.4 35.9 53.9
54 46.0 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0





#24

Nitrobenzene

Concen: 50.95 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

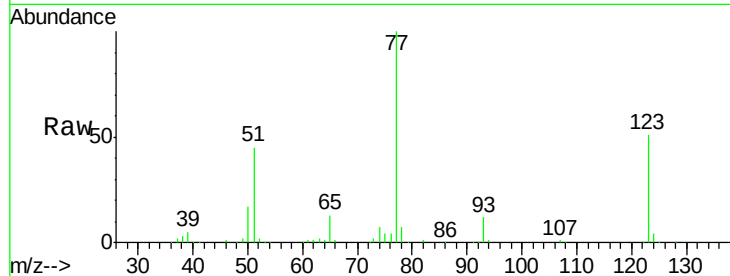
Tgt Ion: 77 Resp: 266551

Ion Ratio Lower Upper

77 100

123 50.7 45.0 67.4

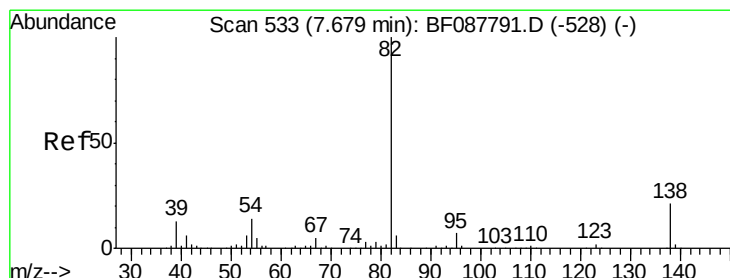
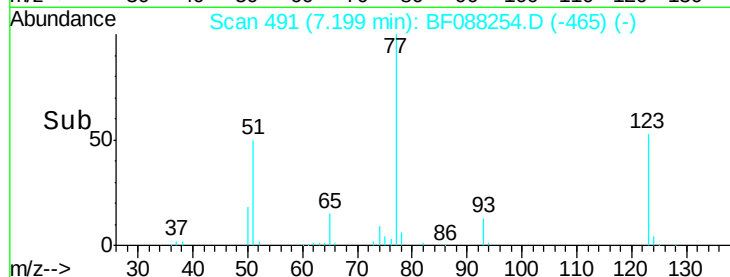
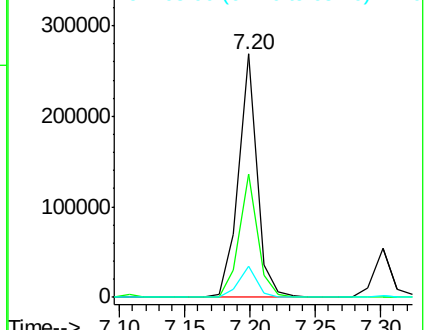
65 13.0 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 46.55 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

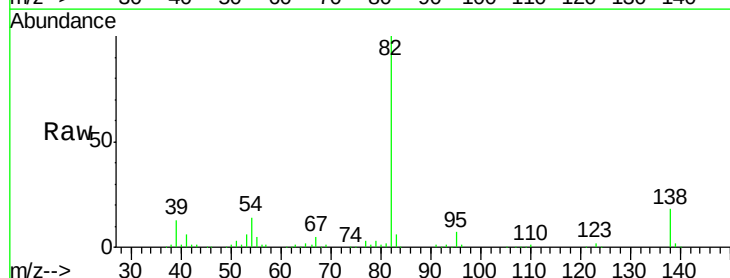
Tgt Ion: 82 Resp: 465678

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

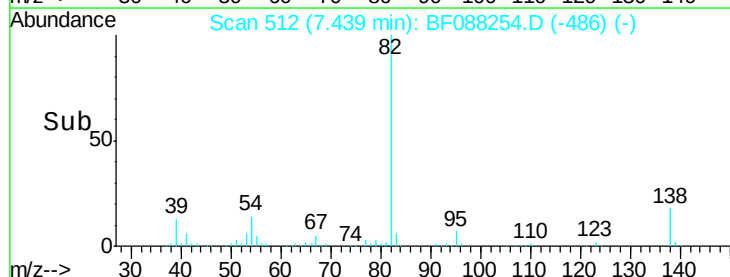
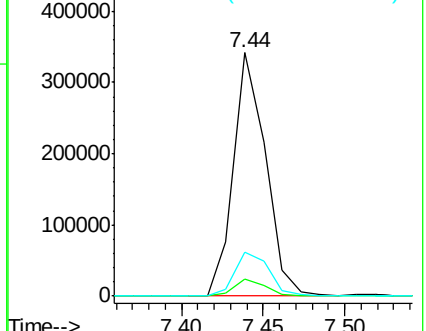
138 18.2 14.6 21.8

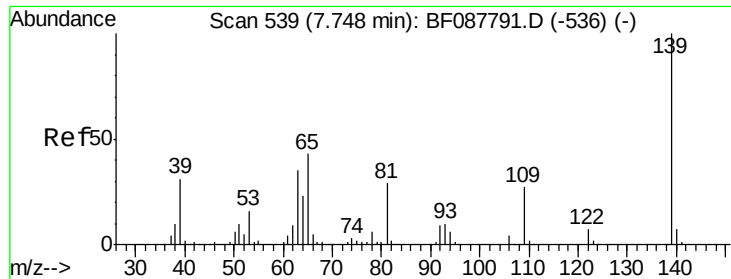


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

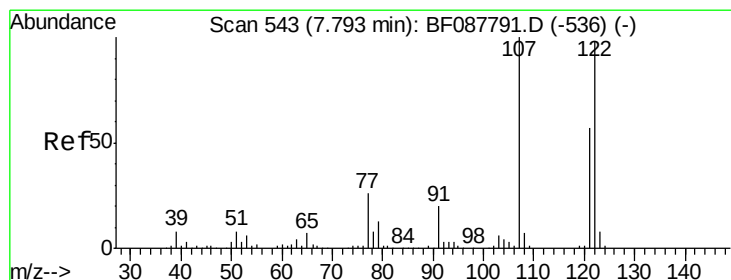
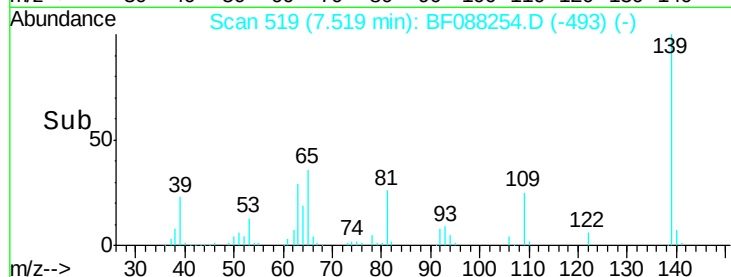
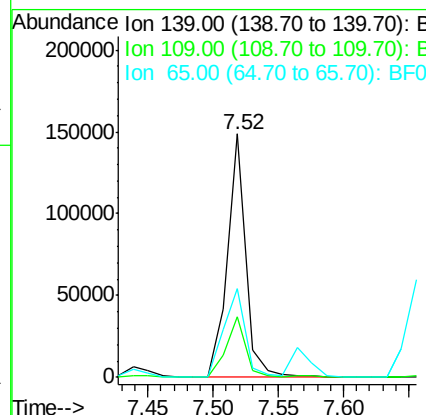
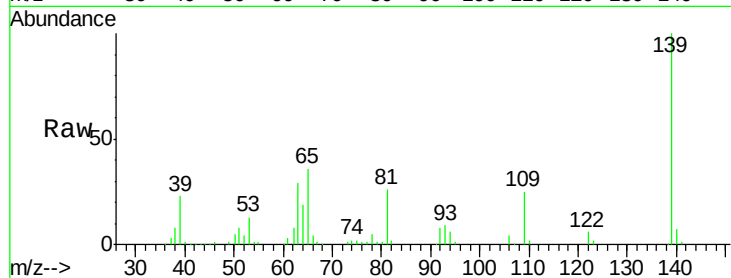




#26
2-Nitrophenol
Concen: 52.67 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

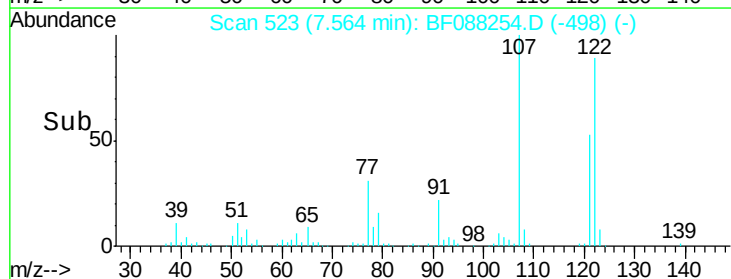
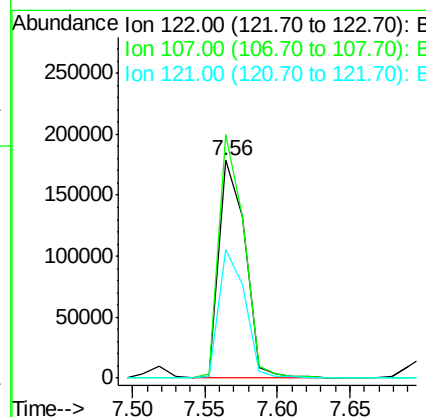
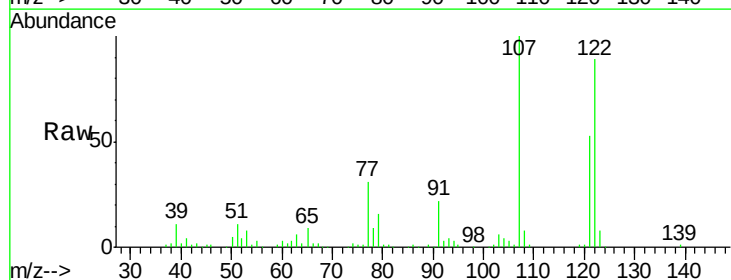
Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

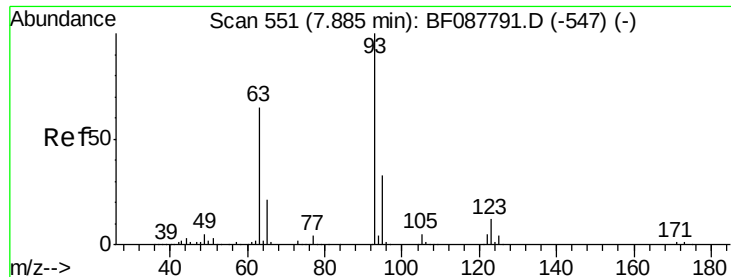
Tgt Ion:139 Resp: 147605
Ion Ratio Lower Upper
139 100
109 24.7 23.0 34.4
65 36.2 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 43.74 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:122 Resp: 225716
Ion Ratio Lower Upper
122 100
107 111.9 82.4 123.6
121 58.8 46.3 69.5

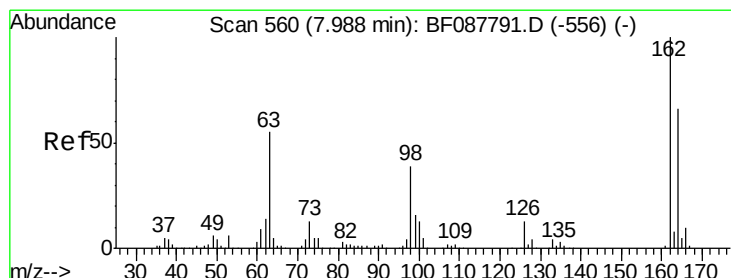
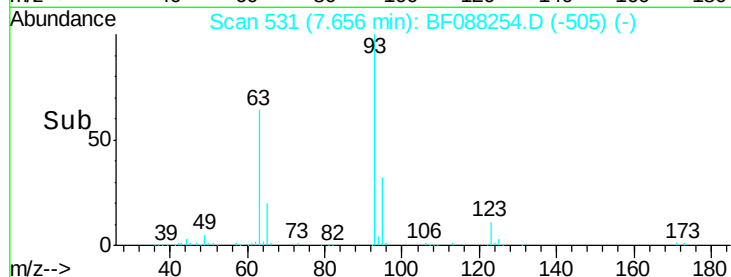
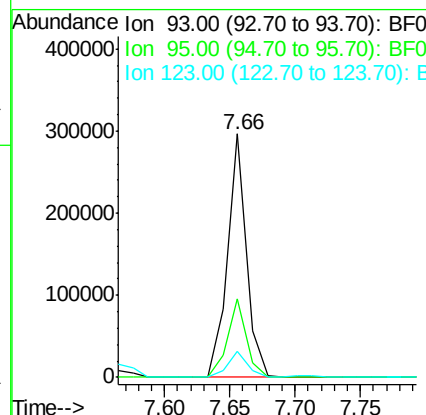
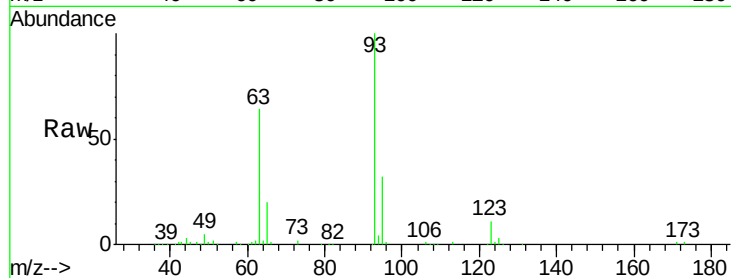




#28
 bis(2-Chloroethoxy)methane
 Concen: 48.55 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

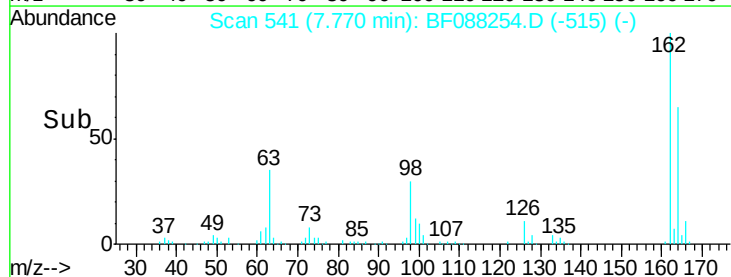
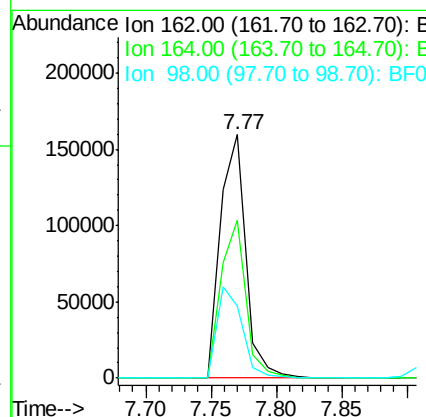
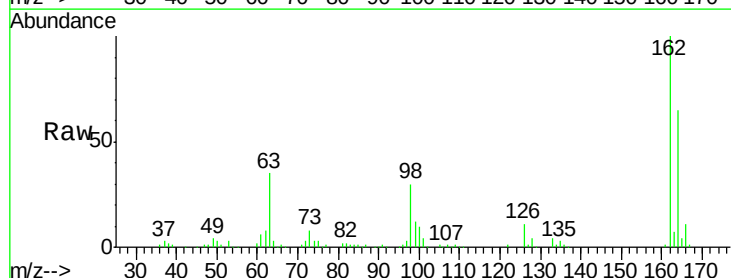
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

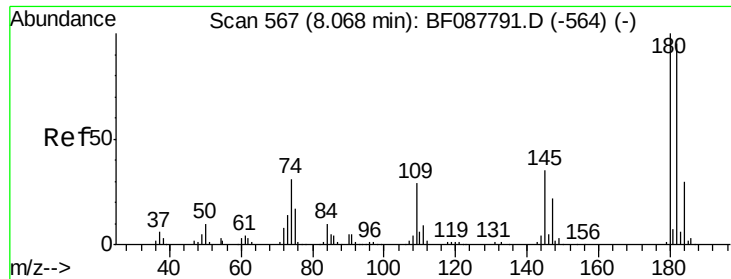
Tgt Ion: 93 Resp: 301253
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.9 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 50.51 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion: 162 Resp: 217615
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.8 83.8
 98 29.8 21.3 61.3

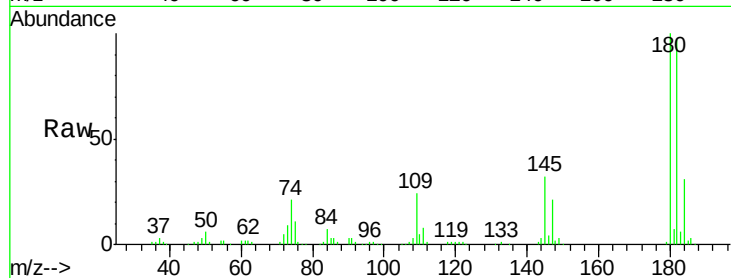




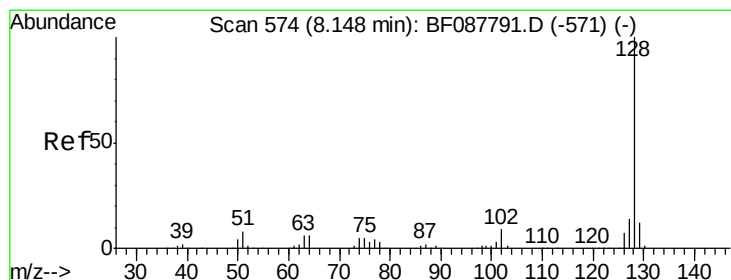
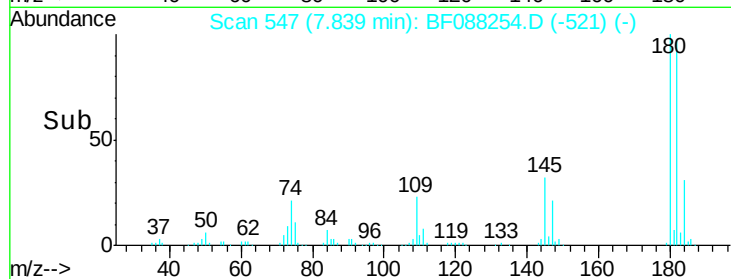
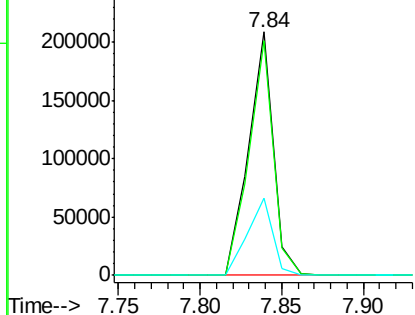
#30
 1,2,4-Trichlorobenzene
 Concen: 46.71 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Tgt Ion:180 Resp: 219128
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.0 114.0
 145 31.8 26.5 39.7

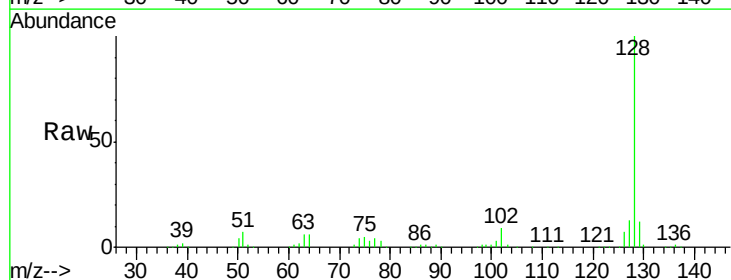


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

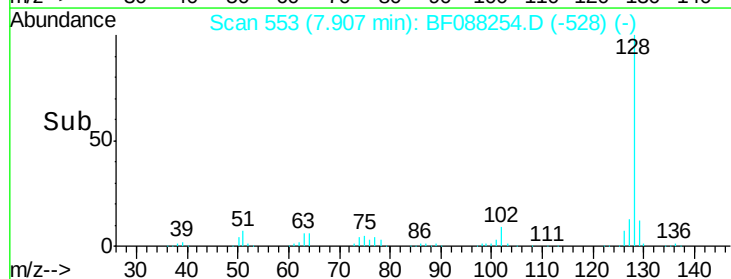
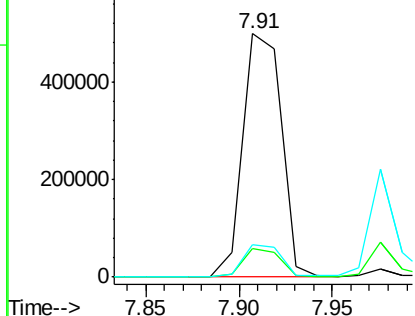


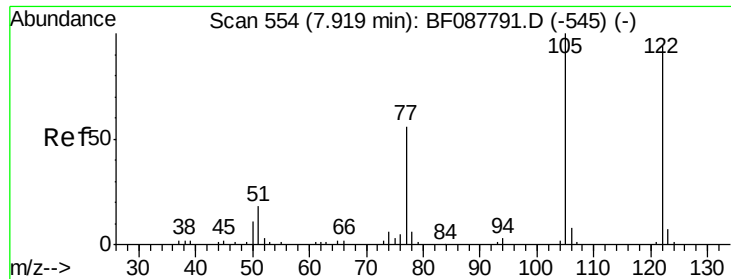
#31
 Naphthalene
 Concen: 45.88 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion:128 Resp: 715997
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.4 14.2
 127 13.4 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

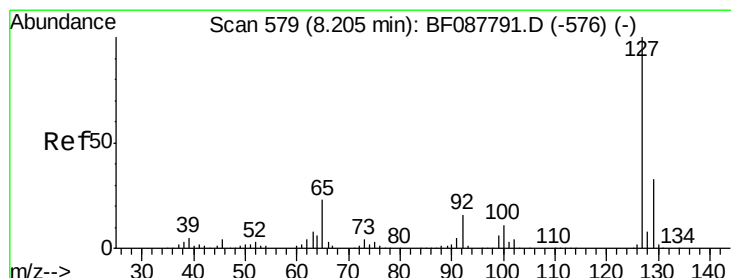
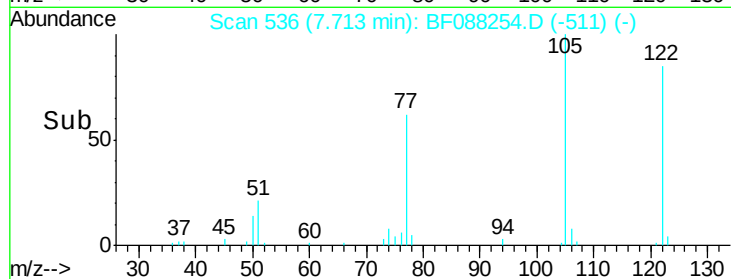
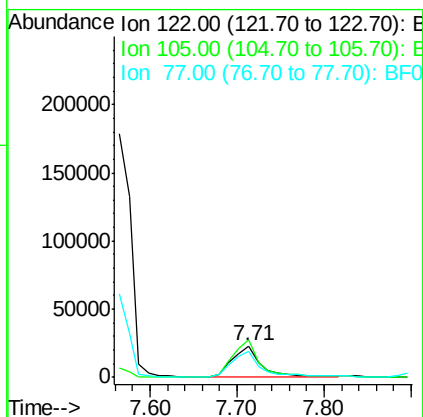
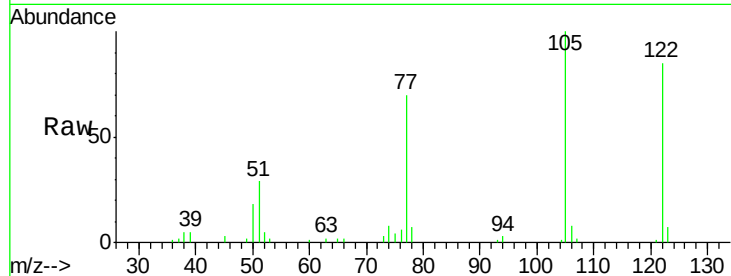




#32
Benzoic acid
Concen: 17.66 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

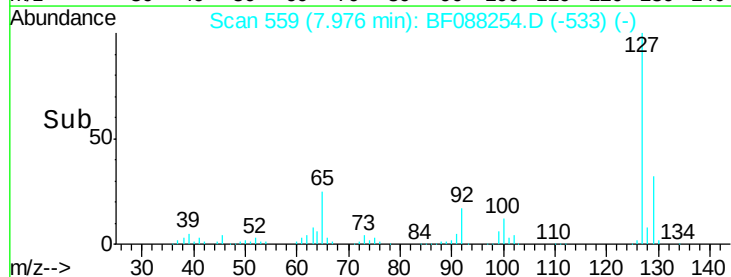
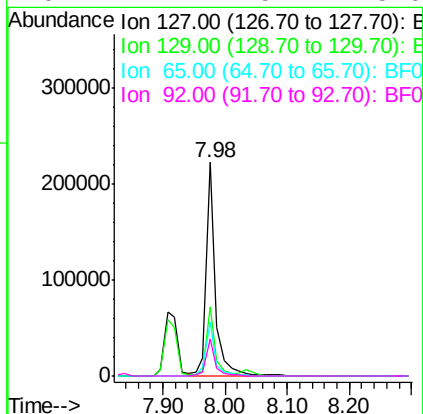
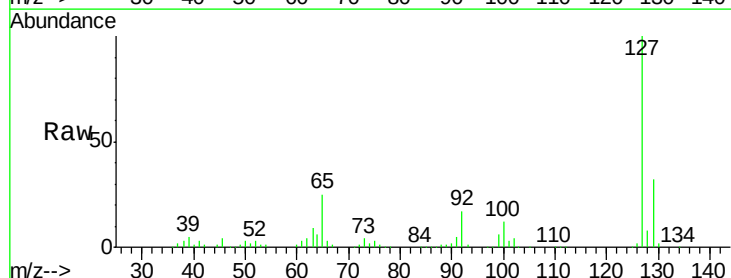
Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

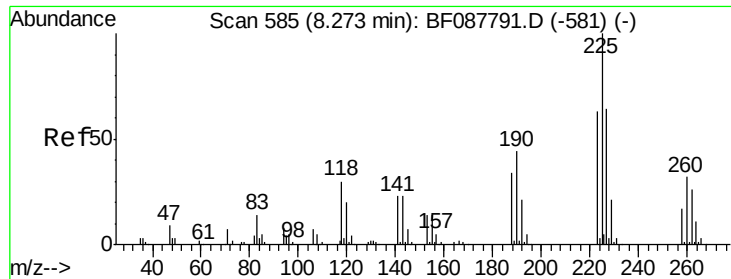
Tgt Ion:122 Resp: 50174
Ion Ratio Lower Upper
122 100
105 117.9 101.6 141.6
77 82.8 70.6 110.6



#33
4-Chloroaniline
Concen: 33.14 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:127 Resp: 230927
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 24.9 24.7 37.1
92 17.2 15.4 23.0





#34

Hexachlorobutadiene

Concen: 45.99 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

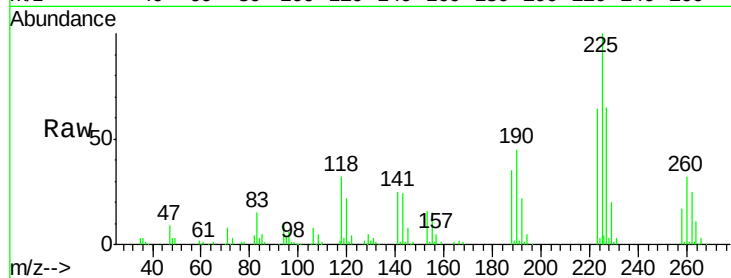
Tgt Ion:225 Resp: 113778

Ion Ratio Lower Upper

225 100

223 64.4 50.9 76.3

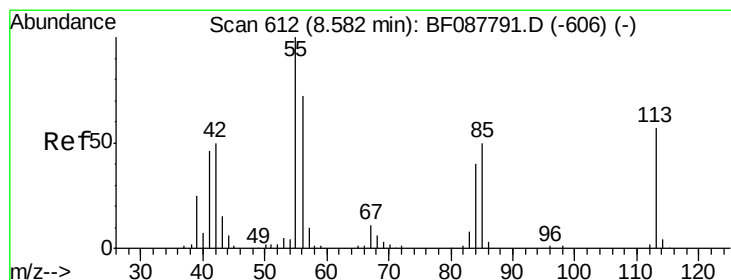
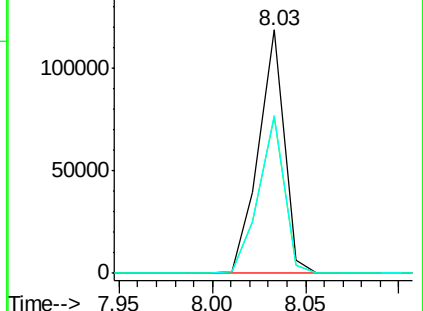
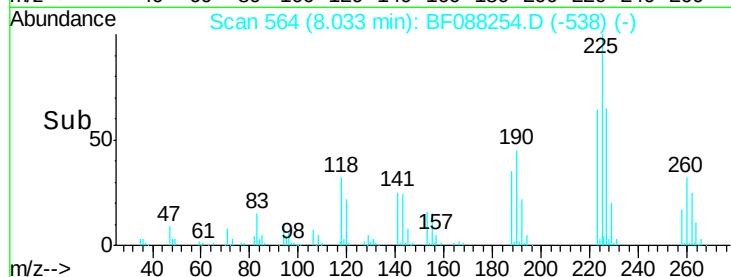
227 64.7 51.9 77.9



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: 30.23 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

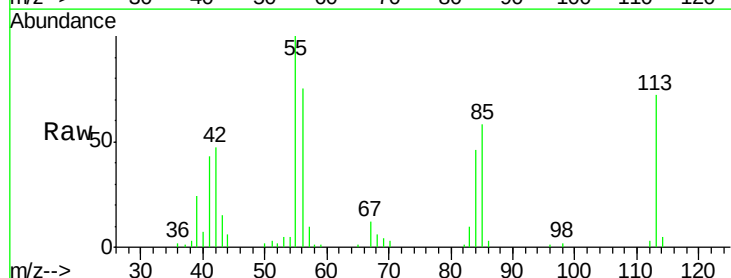
Tgt Ion:113 Resp: 43139

Ion Ratio Lower Upper

113 100

55 138.0 158.6 198.6#

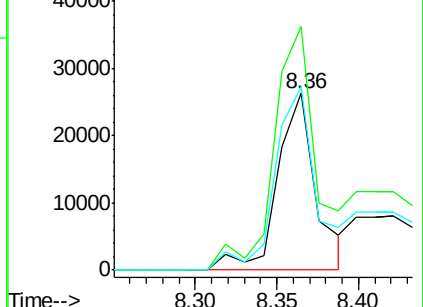
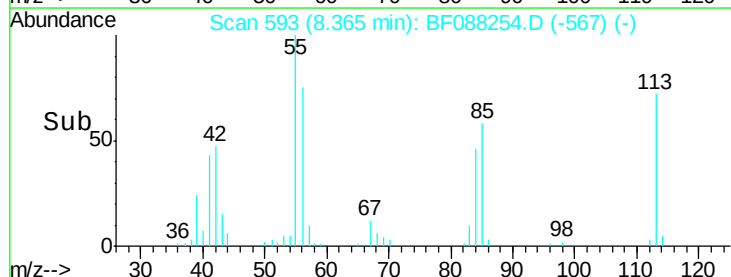
56 103.7 110.6 150.6#

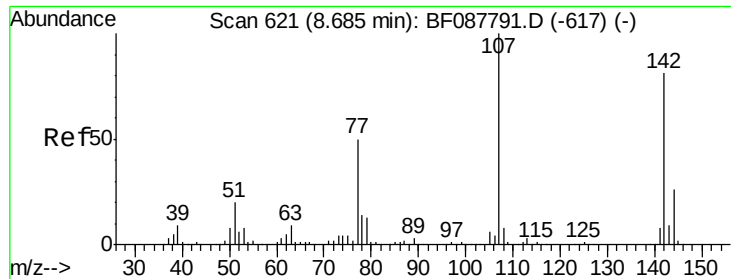


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

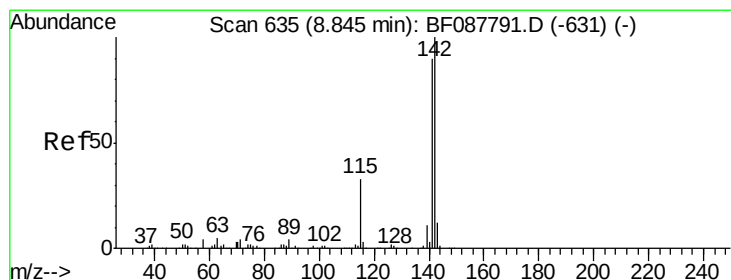
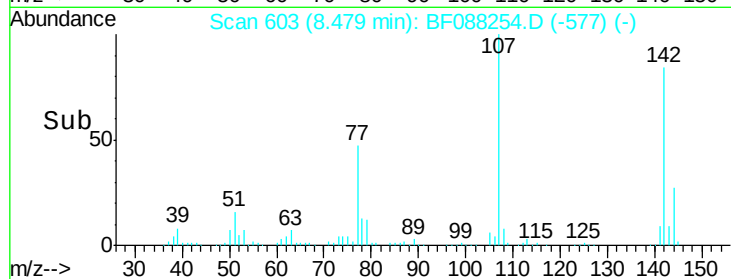
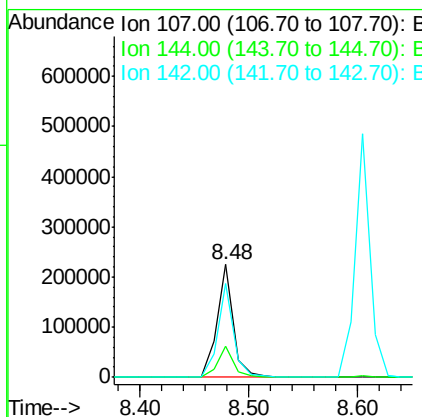
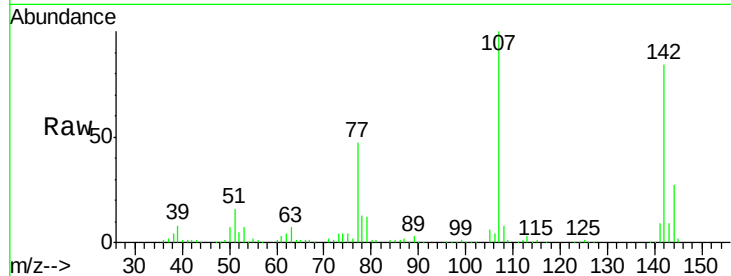




#36
 4-Chloro-3-methylphenol
 Concen: 51.06 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

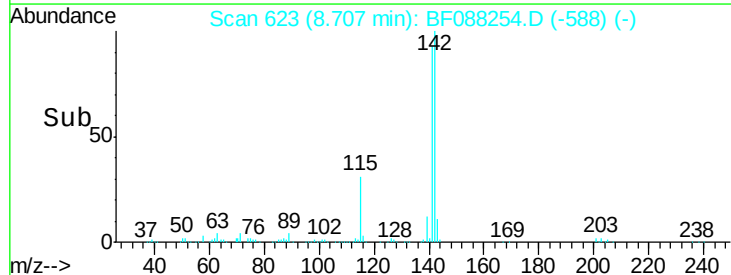
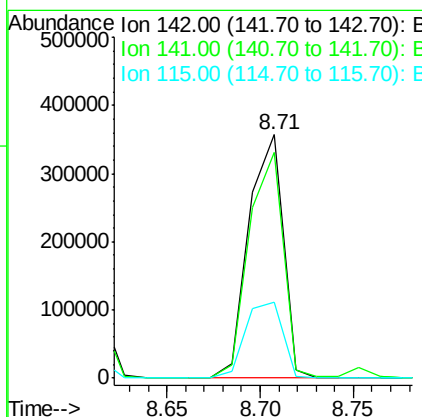
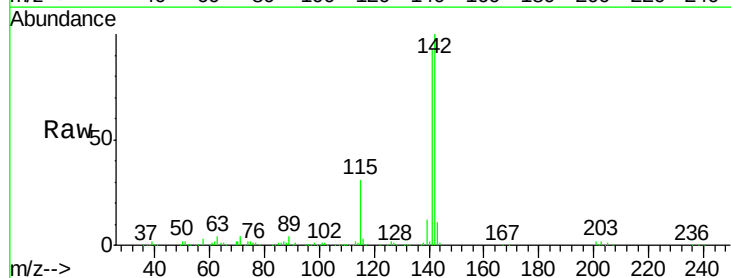
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

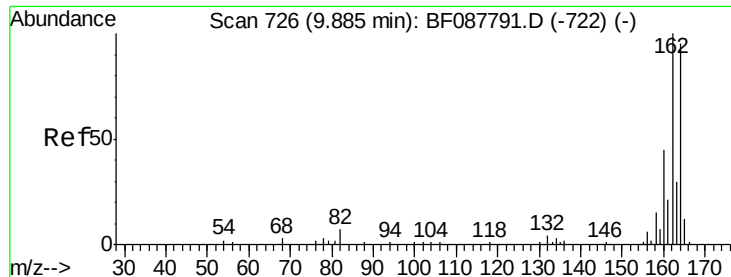
Tgt Ion:107 Resp: 235230
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.8 31.2
 142 83.6 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 44.38 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.10 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion:142 Resp: 456545
 Ion Ratio Lower Upper
 142 100
 141 92.6 71.0 106.6
 115 31.2 22.6 33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

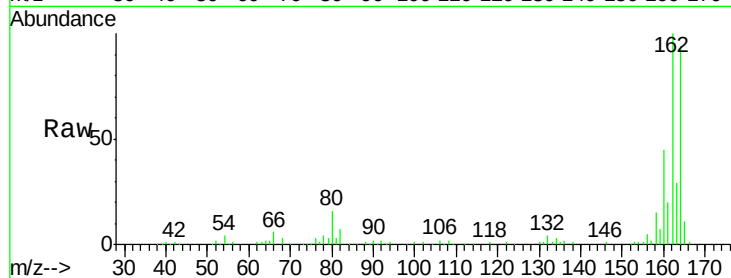
Tgt Ion:164 Resp: 150830

Ion Ratio Lower Upper

164 100

162 105.8 85.4 128.2

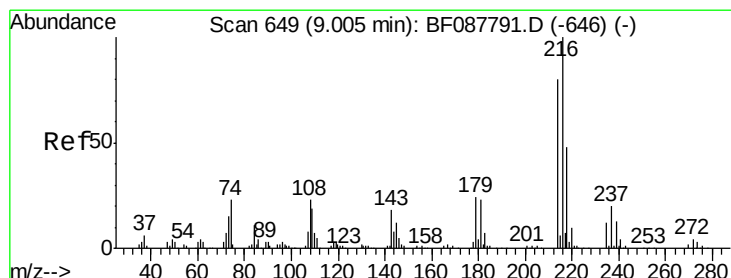
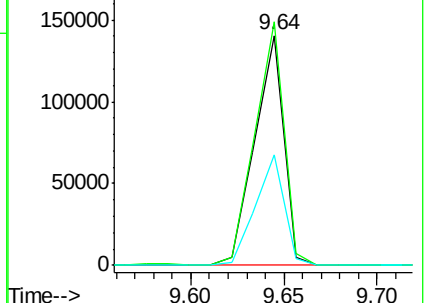
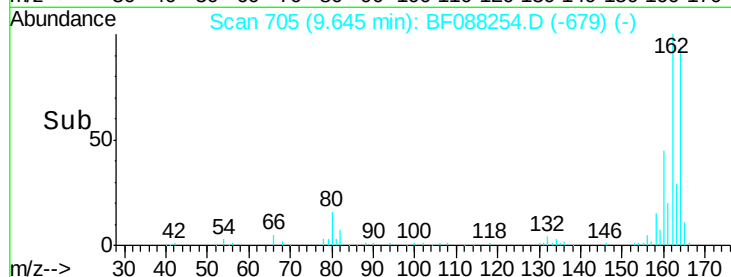
160 47.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 57.78 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Tgt Ion:216 Resp: 205175

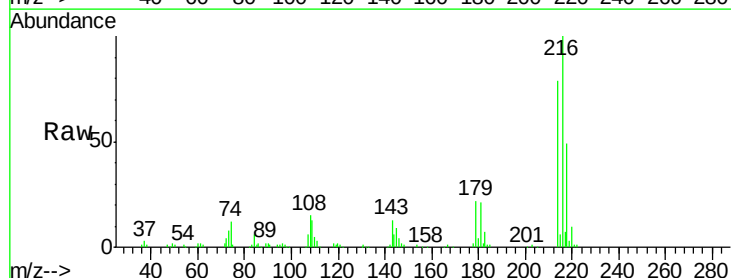
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 22.7 0.0 0.0#

108 20.2 0.5 0.7#

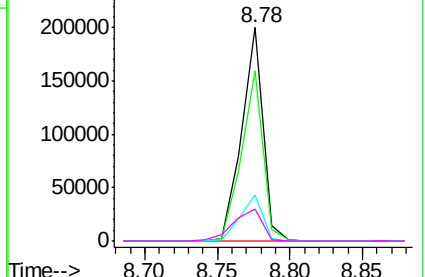
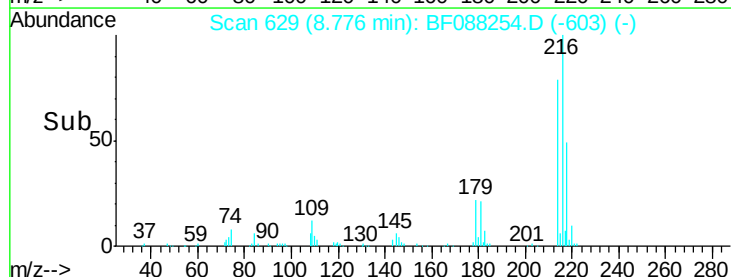


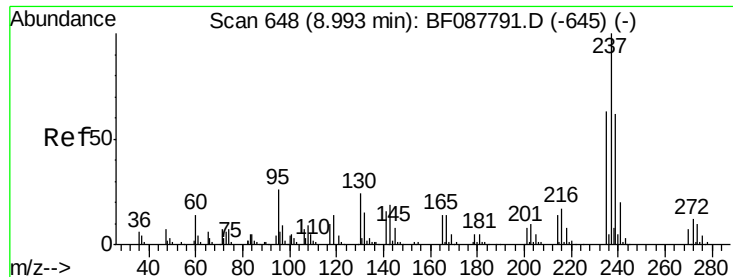
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.85 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

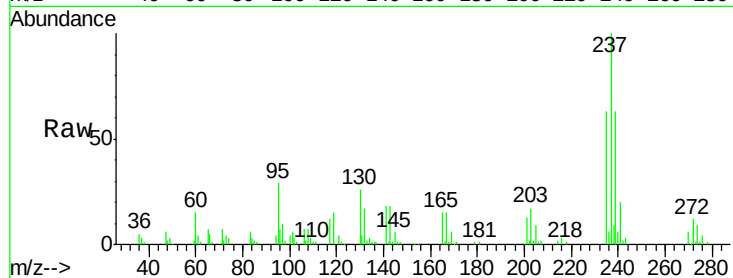
Tgt Ion:237 Resp: 87213

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

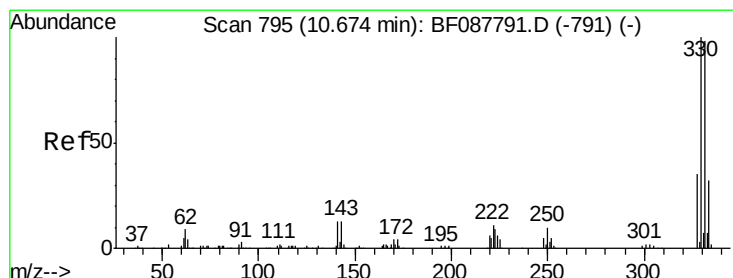
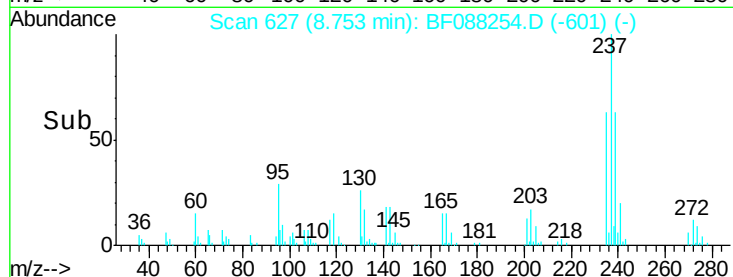
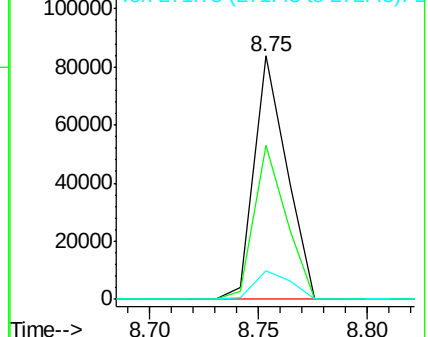
272 11.6 0.0 32.3



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: 110.90 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

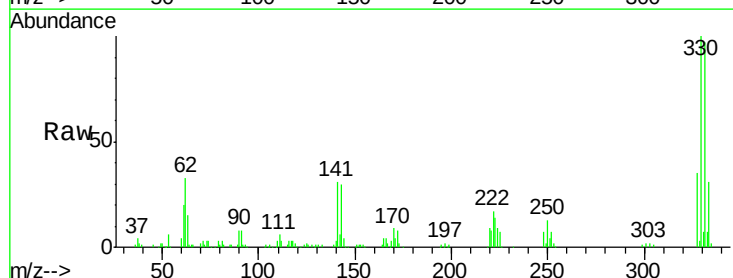
Tgt Ion:330 Resp: 176625

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

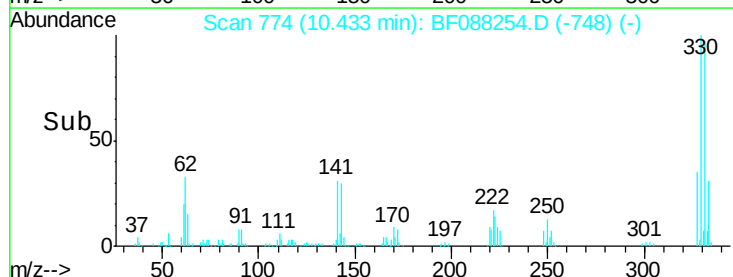
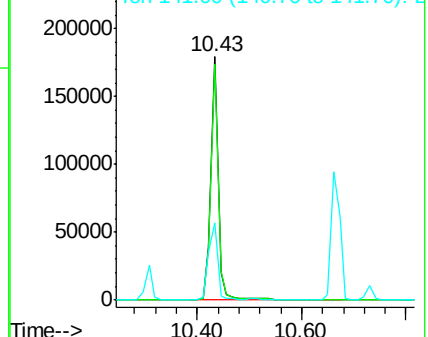
141 38.9 0.0 0.0#

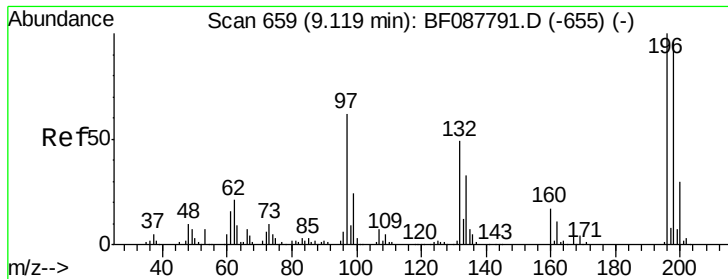


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

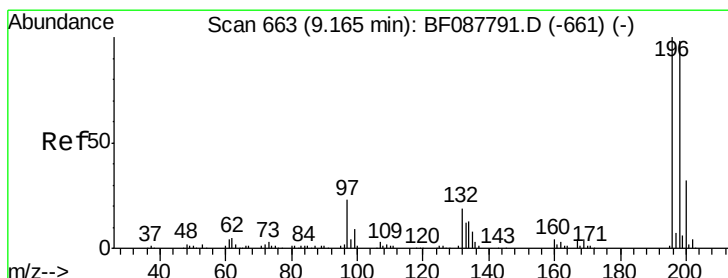
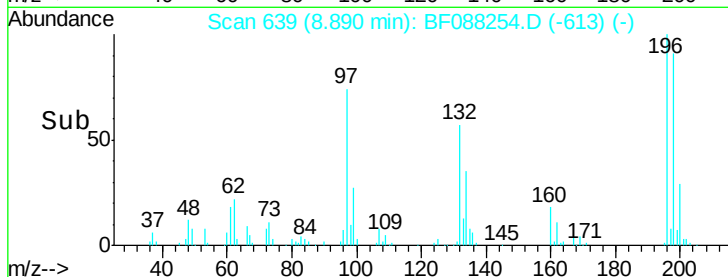
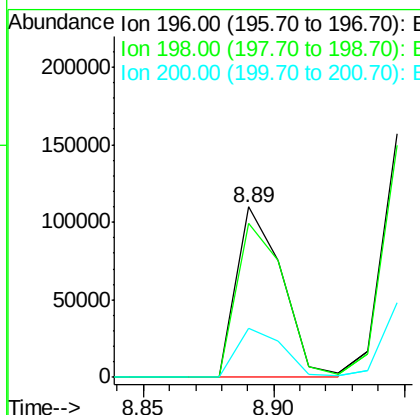
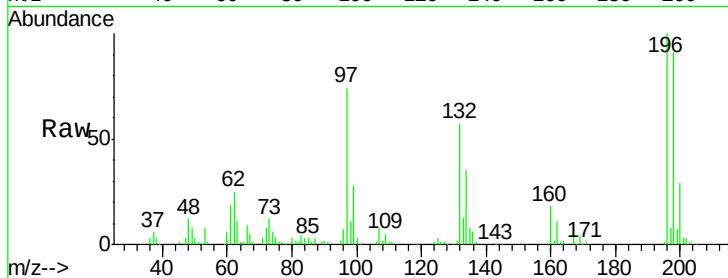




#42
 2,4,6-Trichlorophenol
 Concen: 44.30 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

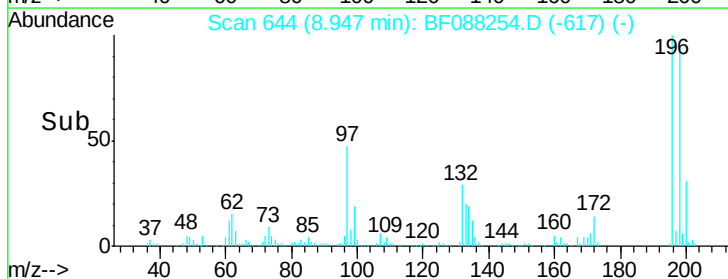
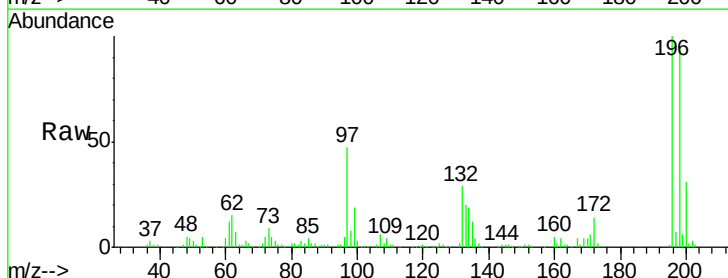
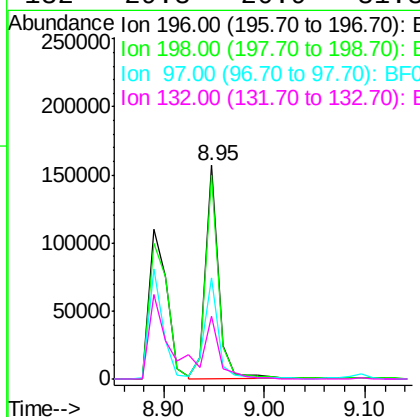
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

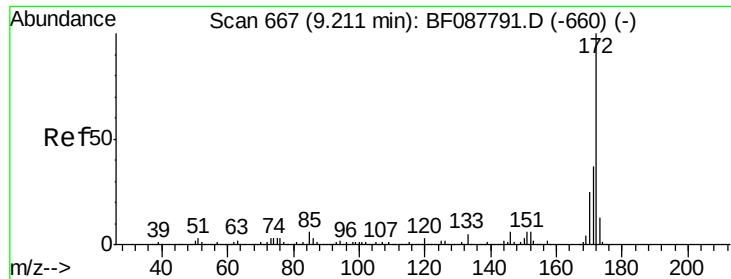
Tgt Ion:196 Resp: 133633
 Ion Ratio Lower Upper
 196 100
 198 90.9 78.0 117.0
 200 28.5 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 45.89 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion:196 Resp: 144003
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.5 116.3
 97 47.2 32.0 48.0
 132 29.3 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 81.38 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

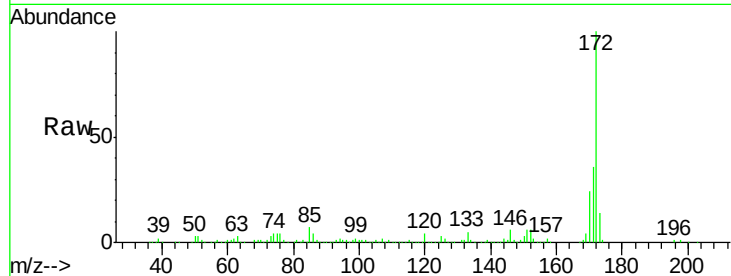
Tgt Ion:172 Resp: 783661

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

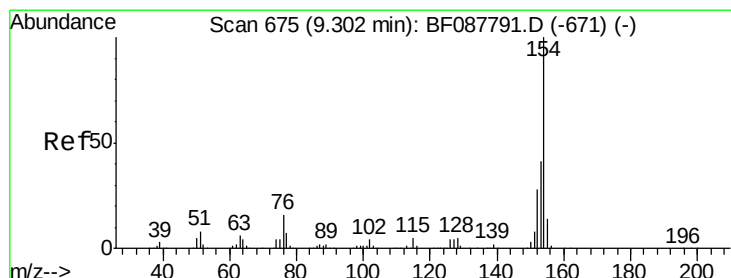
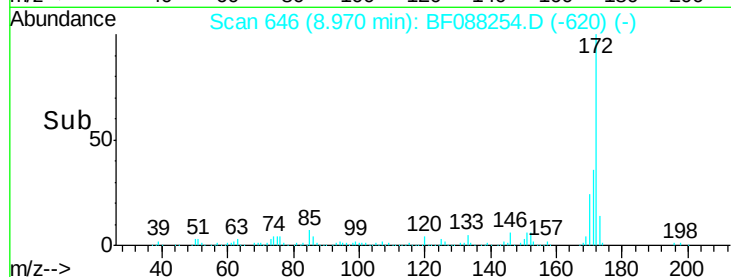
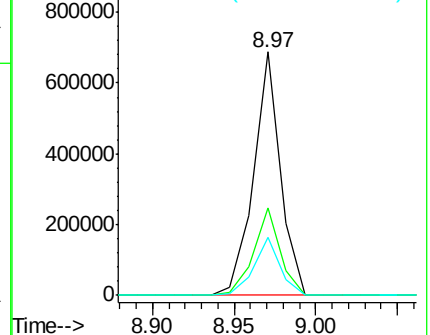
170 24.1 19.2 28.8



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: 54.31 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

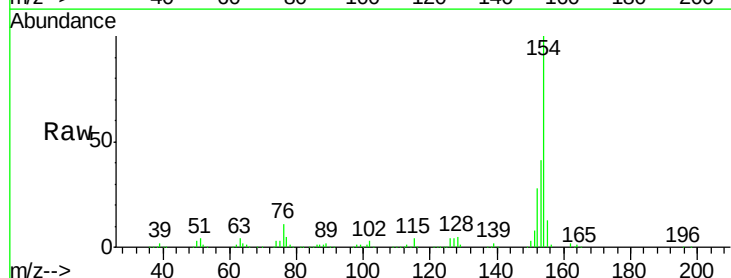
Tgt Ion:154 Resp: 600356

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

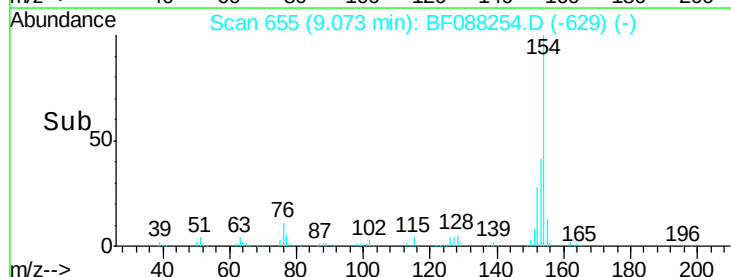
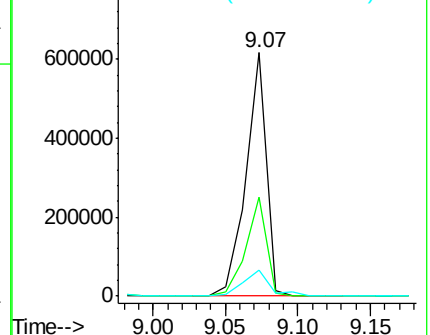
76 10.8 0.0 35.1

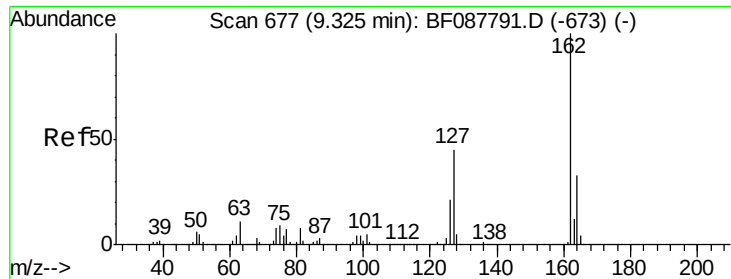


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

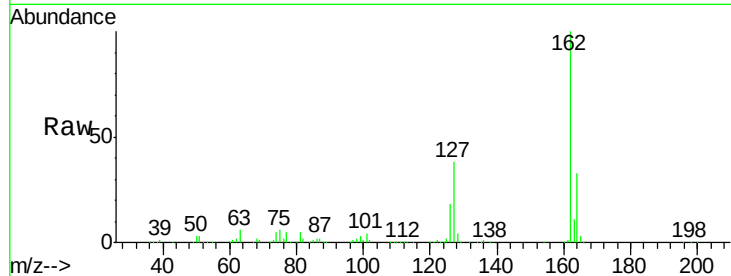




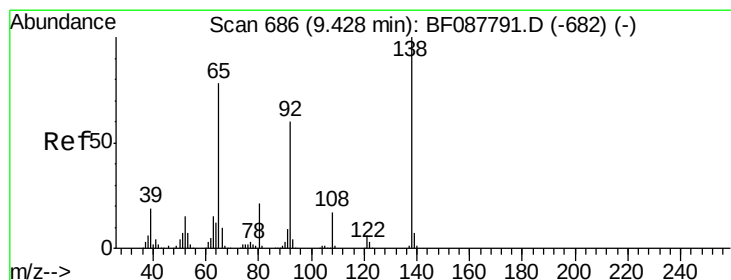
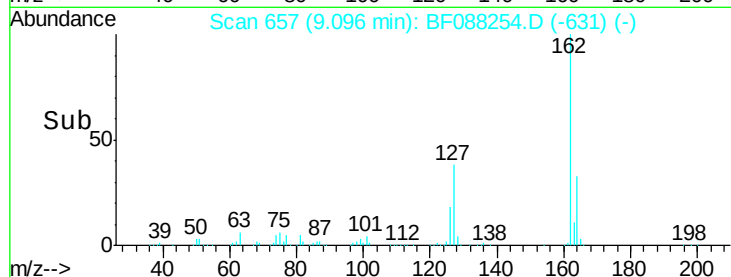
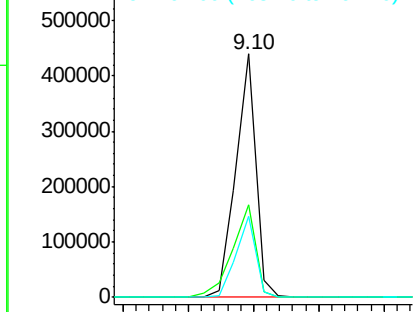
#46
2-Chloronaphthalene
Concen: 47.65 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion: 162 Resp: 465033
Ion Ratio Lower Upper
162 100
127 38.1 35.2 52.8
164 33.1 26.6 39.8

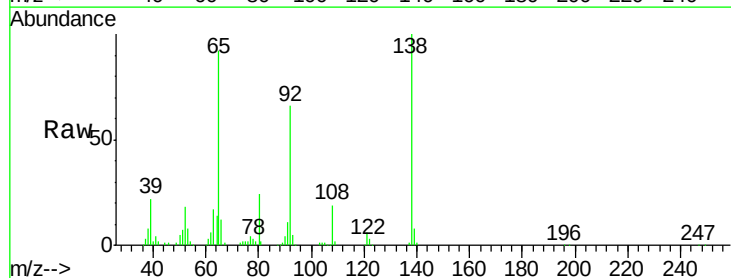


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

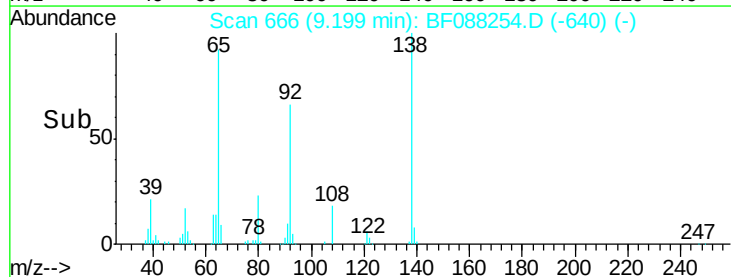
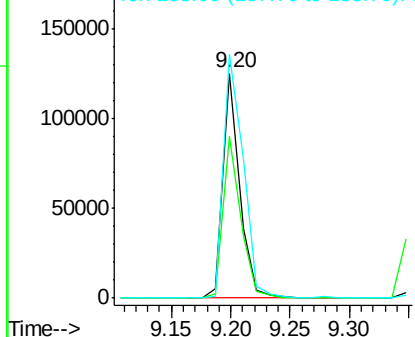


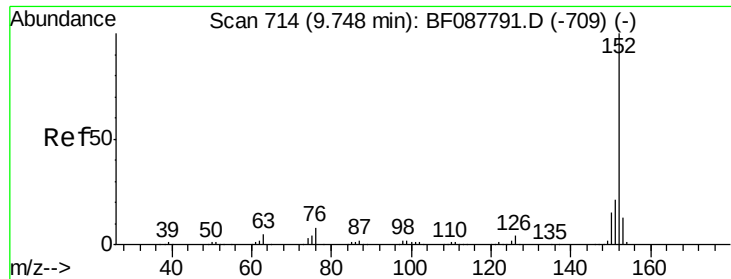
#47
2-Nitroaniline
Concen: 42.04 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion: 65 Resp: 121045
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 108.4 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 44.73 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

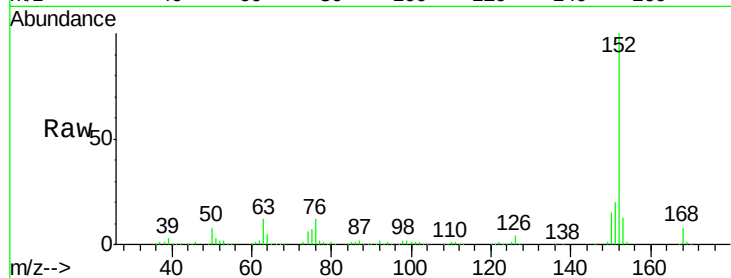
Tgt Ion:152 Resp: 694423

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

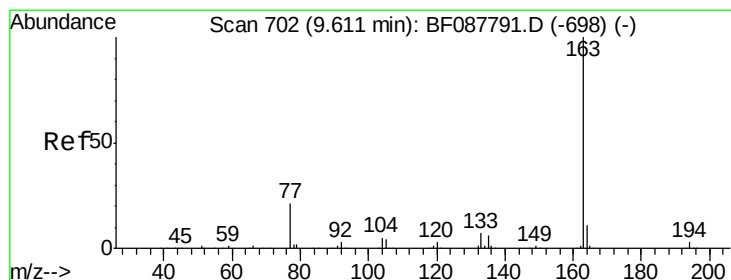
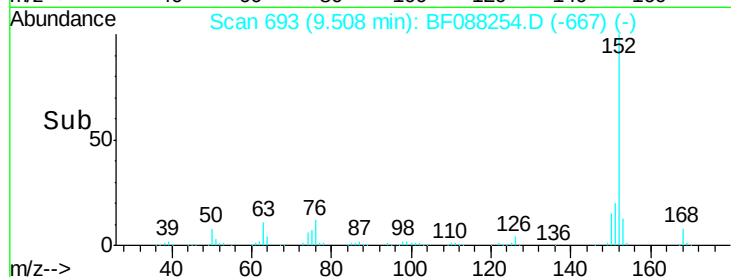
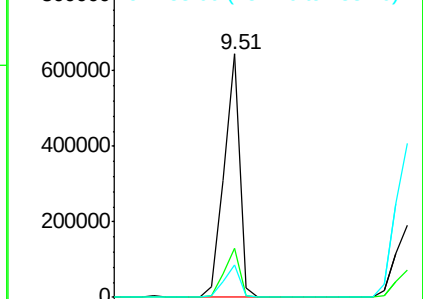
153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 64.66 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

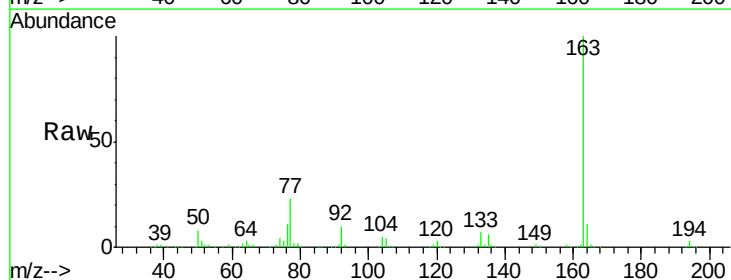
Tgt Ion:163 Resp: 706502

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

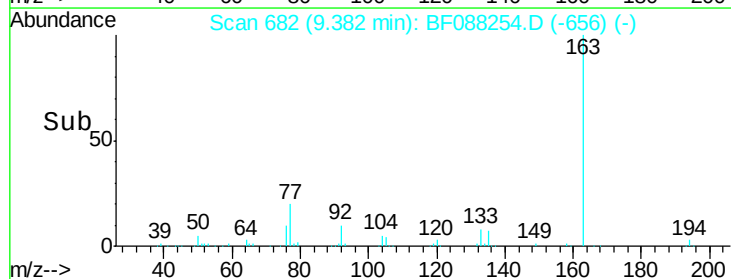
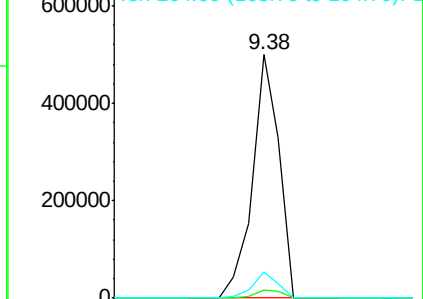
164 10.6 8.3 12.5

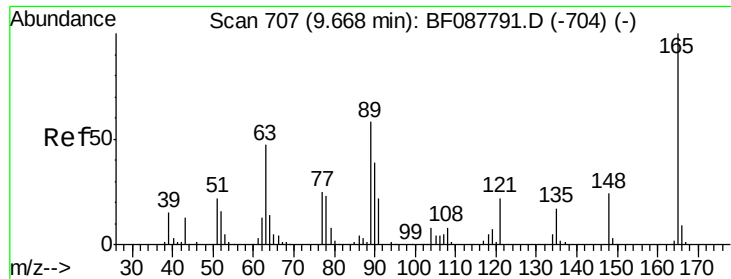


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

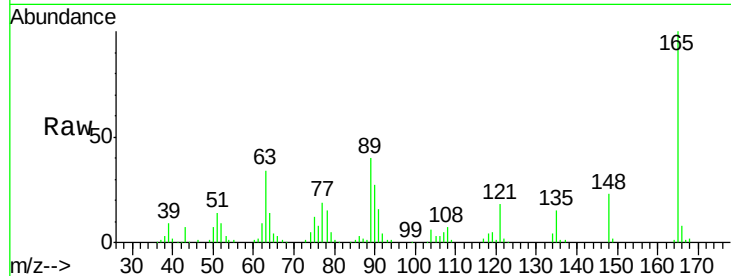




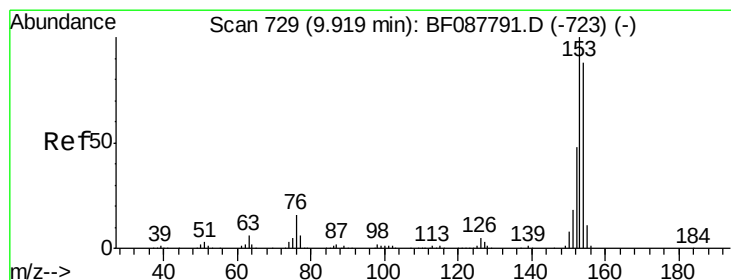
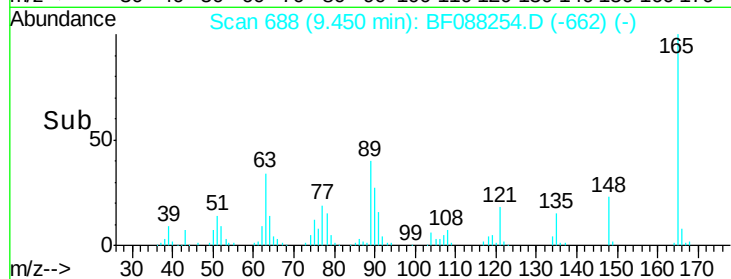
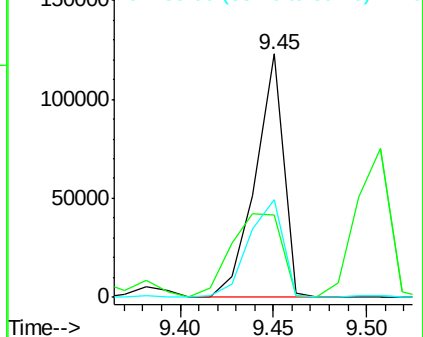
#50
2,6-Dinitrotoluene
Concen: 51.36 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion:165 Resp: 128512
Ion Ratio Lower Upper
165 100
63 33.6 28.1 42.1
89 40.2 32.2 48.2

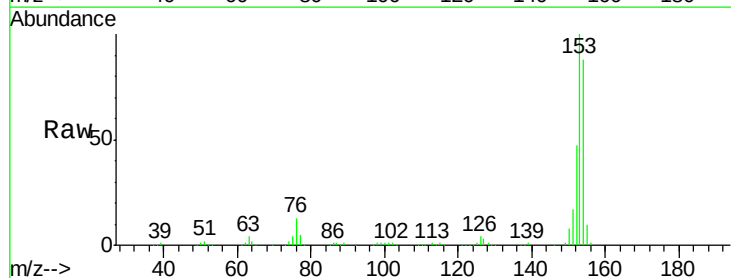


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

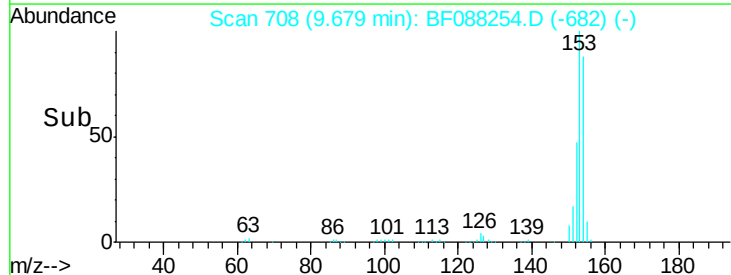
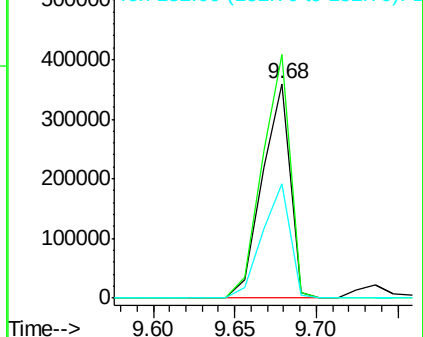


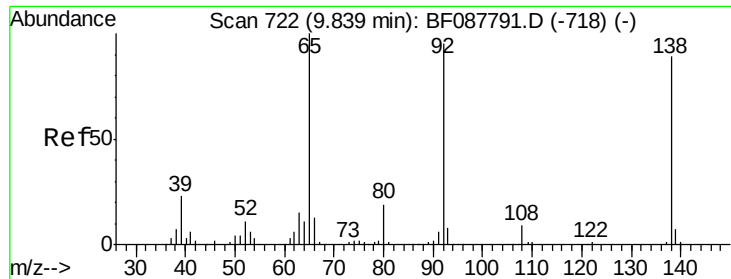
#51
Acenaphthene
Concen: 43.85 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:154 Resp: 424736
Ion Ratio Lower Upper
154 100
153 113.7 89.5 134.3
152 53.3 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

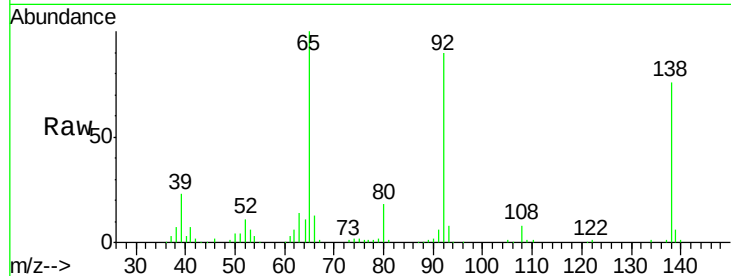




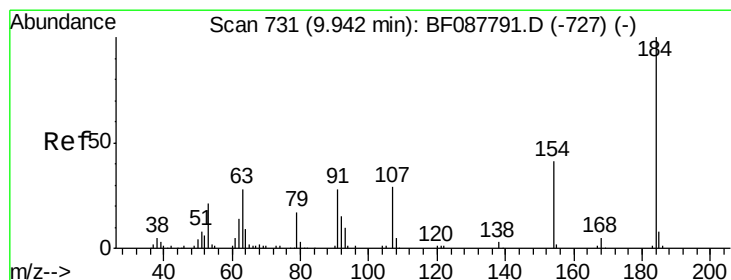
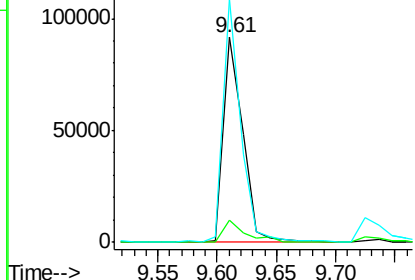
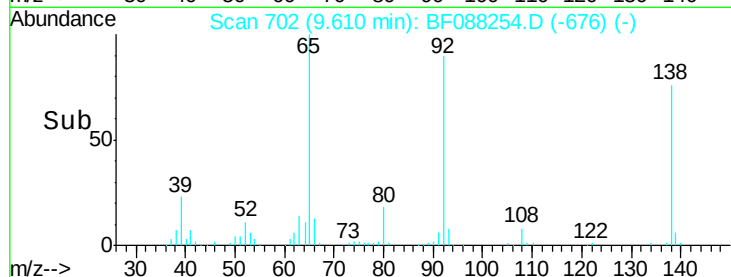
#52
 3-Nitroaniline
 Concen: 35.76 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Tgt Ion:138 Resp: 103253
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.5 12.7
 92 118.7 95.7 143.5

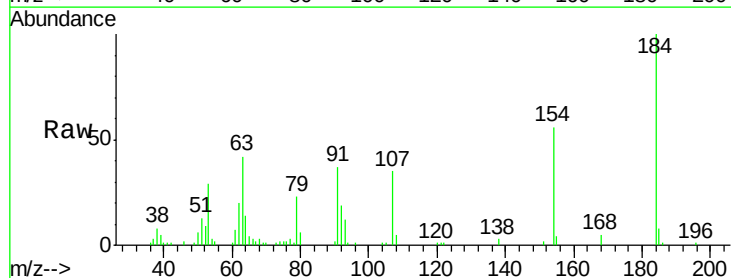


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

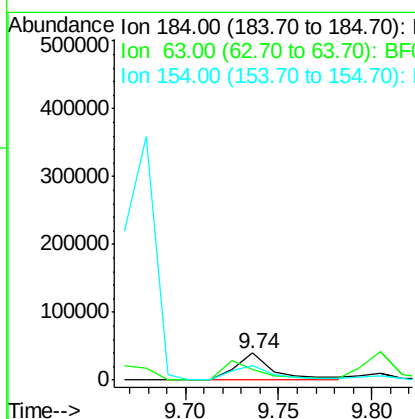
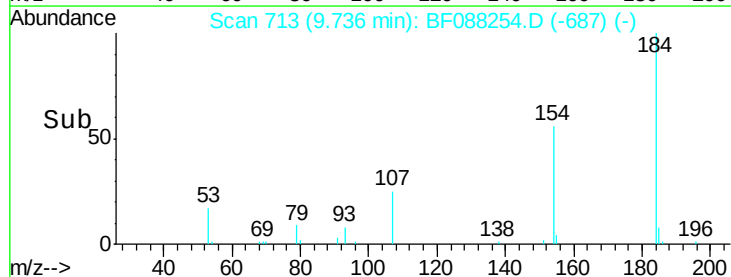


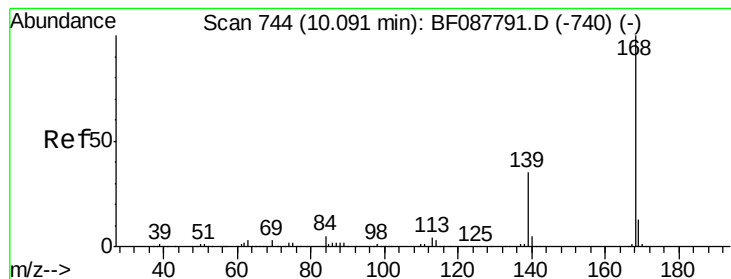
#53
 2,4-Dinitrophenol
 Concen: 47.50 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion:184 Resp: 57680
 Ion Ratio Lower Upper
 184 100
 63 42.0 57.6 86.4#
 154 56.0 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

Dibenzenofuran

Concen: 43.37 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

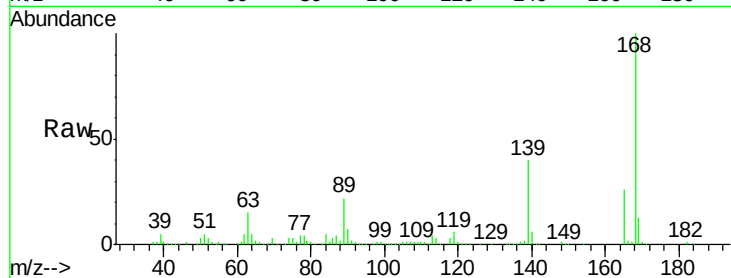
Tgt Ion:168 Resp: 578476

Ion Ratio Lower Upper

168 100

139 39.5 26.4 39.6

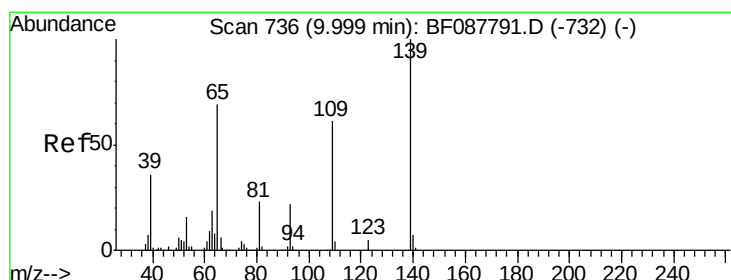
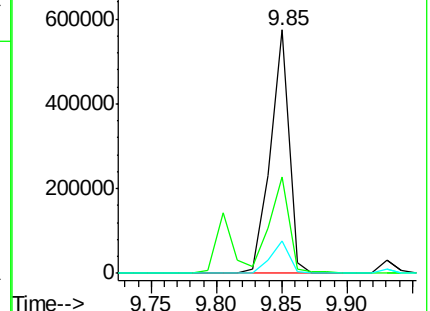
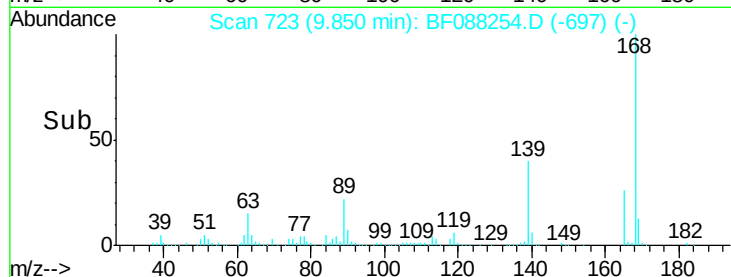
169 13.4 10.4 15.6



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: 60.14 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

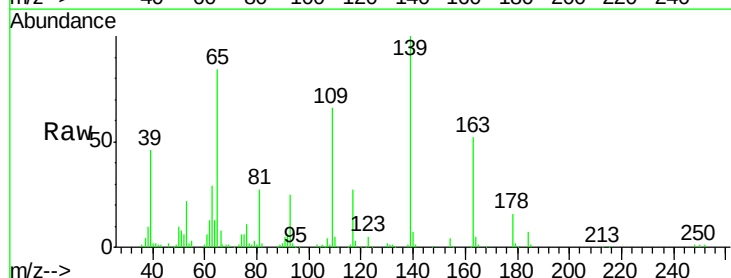
Tgt Ion:139 Resp: 134765

Ion Ratio Lower Upper

139 100

109 65.5 48.9 88.9

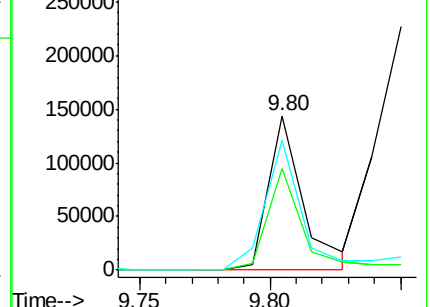
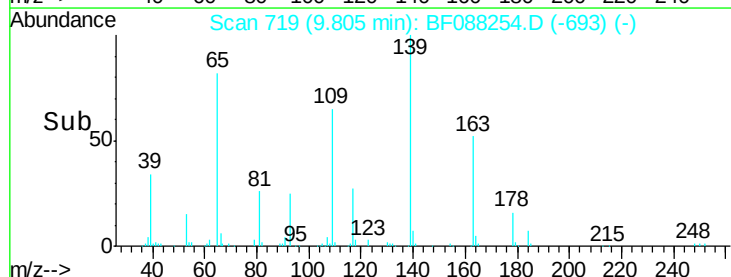
65 83.9 84.9 124.9#

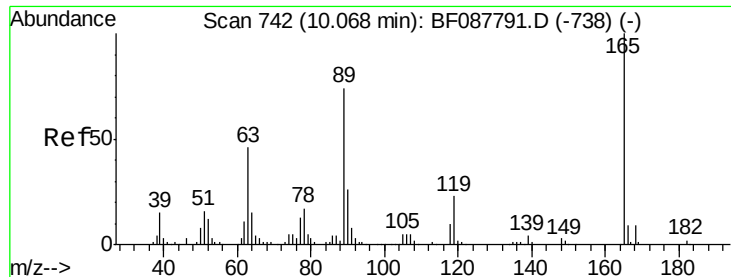


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.92 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

Tgt Ion:165 Resp: 138007

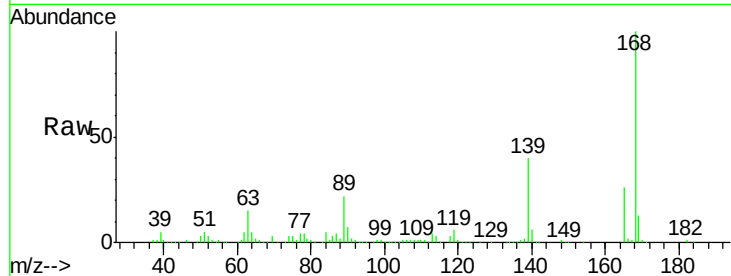
Ion Ratio Lower Upper

165 100

63 56.9 22.0 33.0#

89 82.8 41.1 61.7#

182 2.2 2.0 3.0

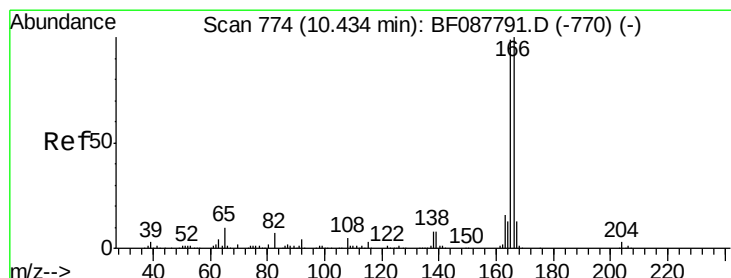
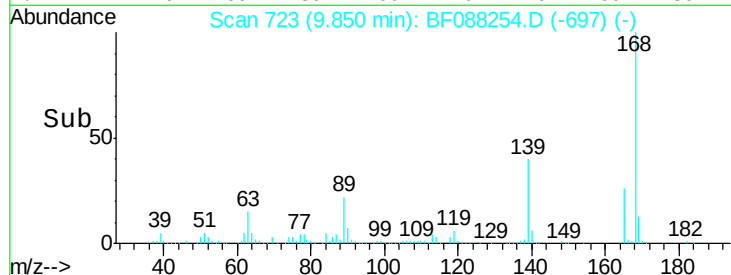
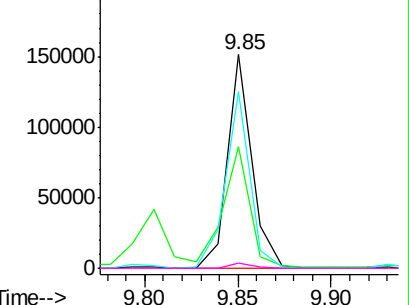


Abundance Ion 165.00 (164.70 to 165.70): E

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: 52.84 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

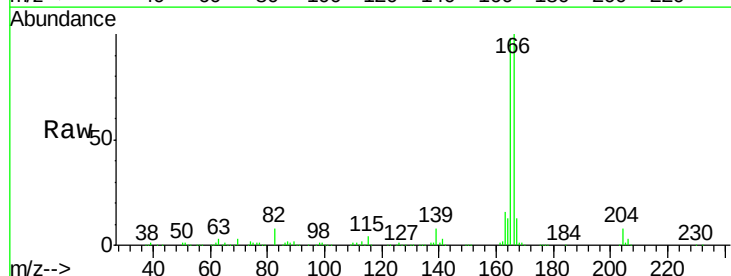
Tgt Ion:166 Resp: 468696

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

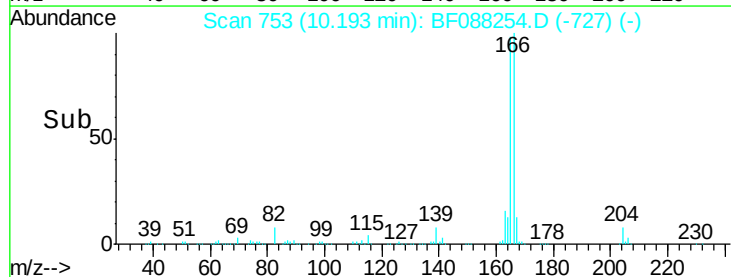
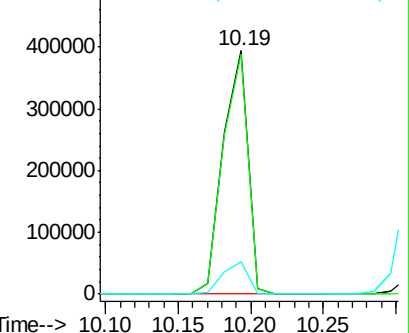
167 13.1 11.2 16.8

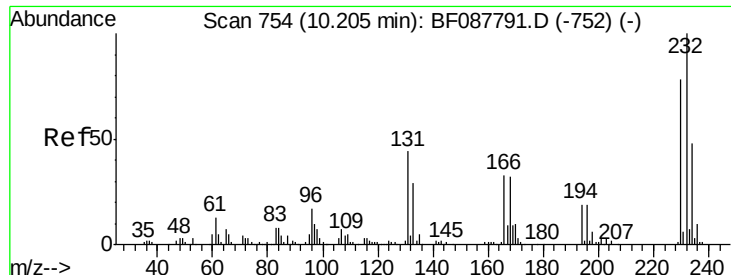


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

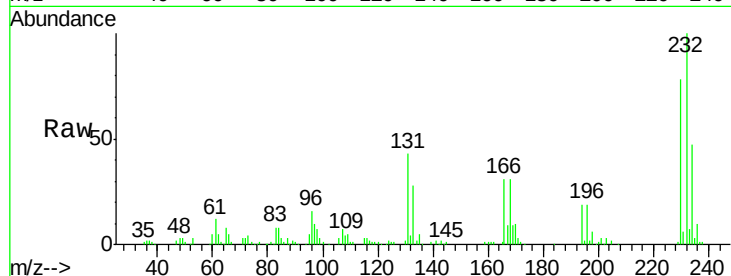




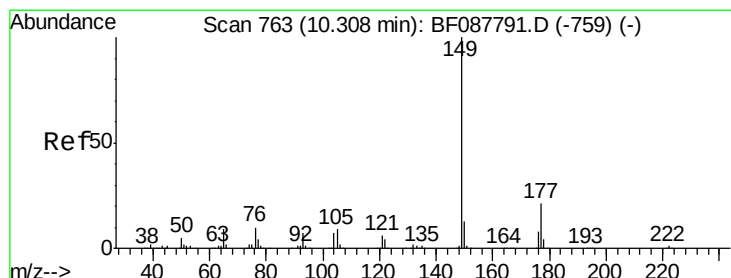
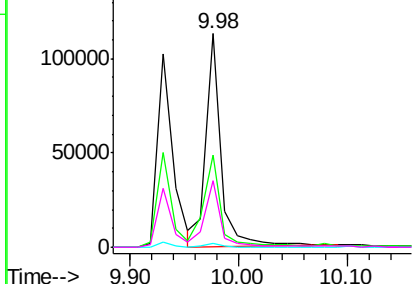
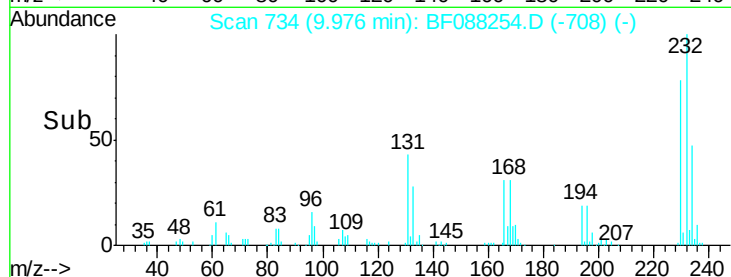
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.02 ng
 RT: 9.98 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Tgt Ion: 232 Resp: 111011
 Ion Ratio Lower Upper
 232 100
 131 48.3 0.9 1.3#
 130 2.2 1.5 2.3
 166 31.1 0.5 0.7#

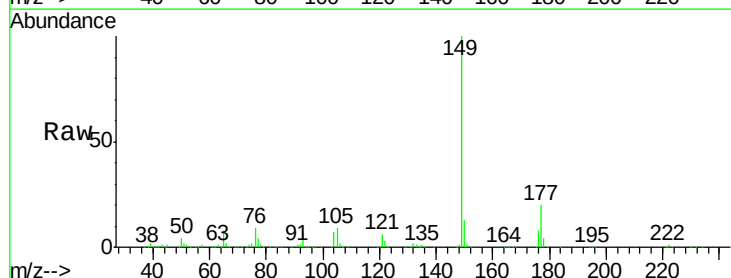


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

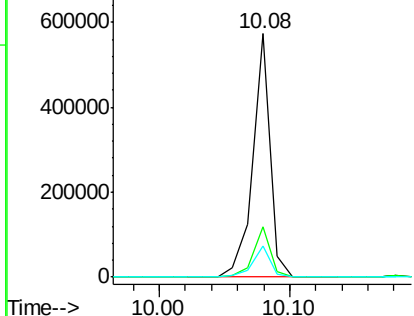
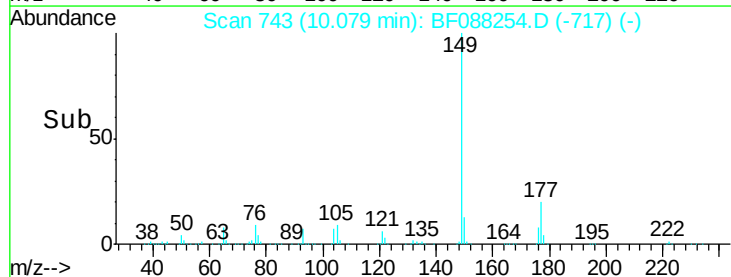


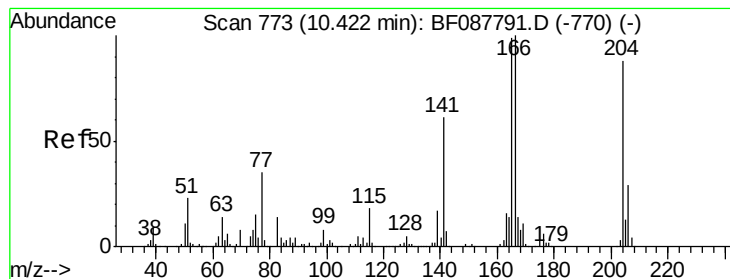
#59
 Diethylphthalate
 Concen: 47.71 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion: 149 Resp: 527661
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.9 25.3
 150 12.7 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: 42.48 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

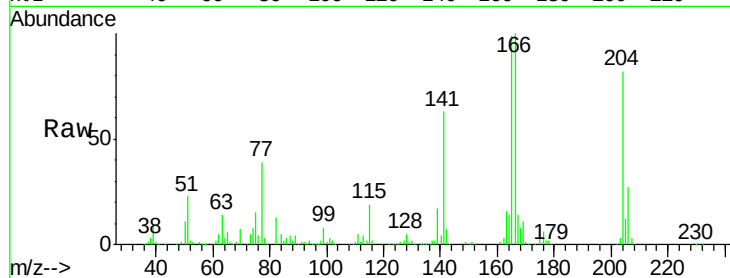
Tgt Ion:204 Resp: 188414

Ion Ratio Lower Upper

204 100

206 33.5 26.3 39.5

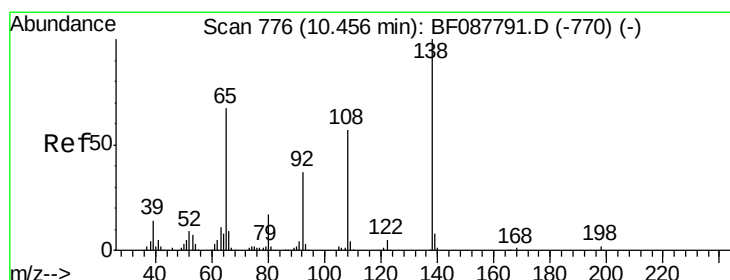
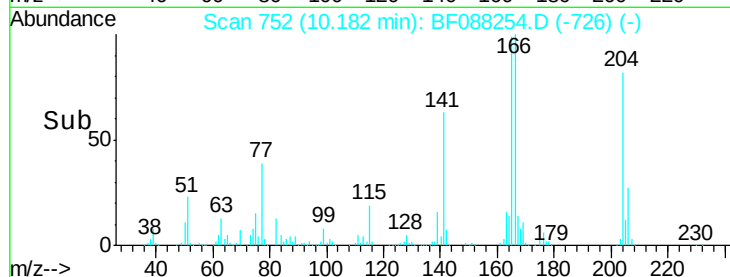
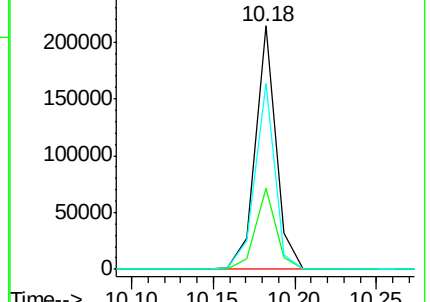
141 76.4 55.0 82.6



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: 48.20 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

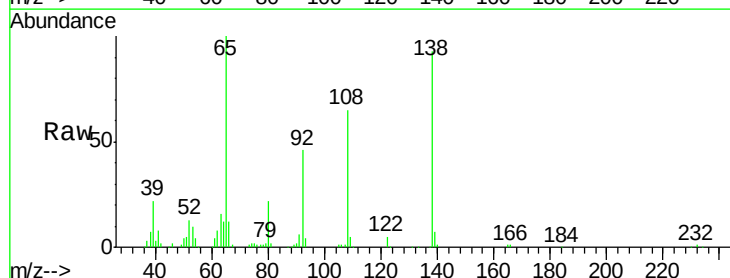
Tgt Ion:138 Resp: 132018

Ion Ratio Lower Upper

138 100

92 49.7 27.3 67.3

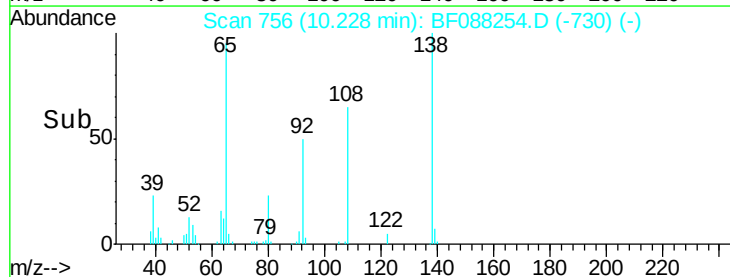
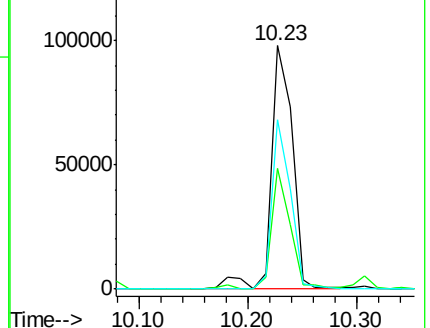
108 69.3 46.7 86.7

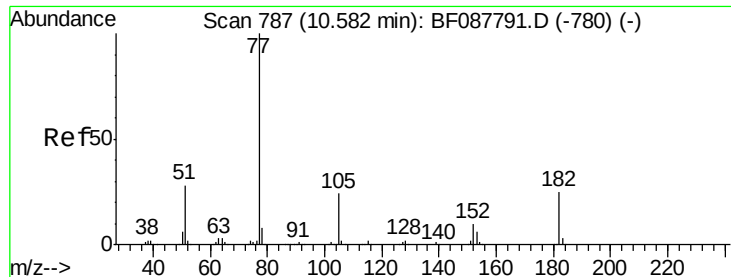


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.26 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

Tgt Ion: 77 Resp: 505922

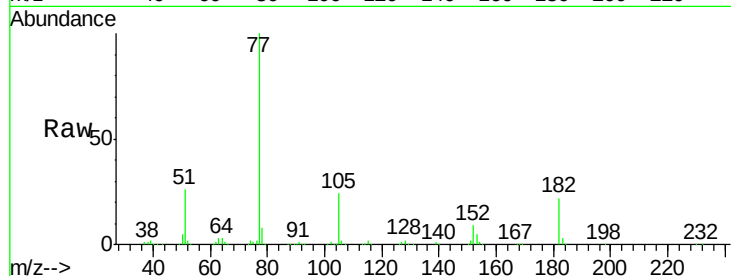
Ion Ratio Lower Upper

77 100

182 22.5 4.4 44.4

105 23.6 3.8 43.8

51 26.1 9.3 49.3

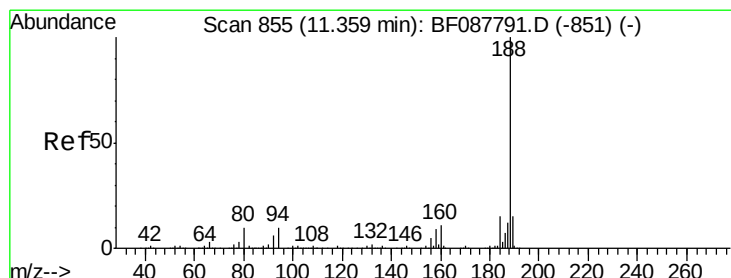
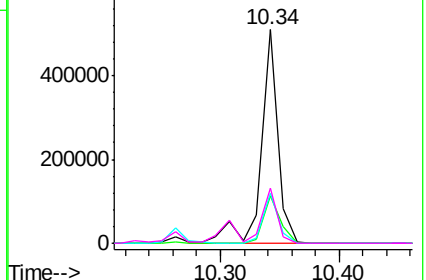
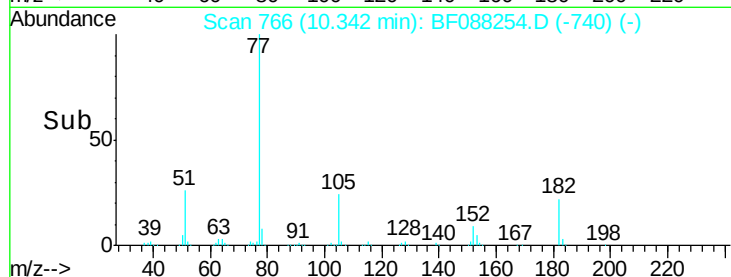


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

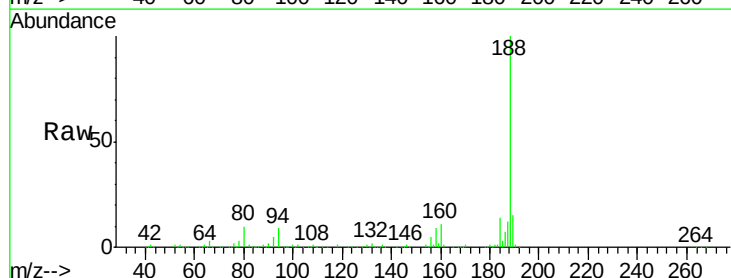
Tgt Ion: 188 Resp: 265304

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.6

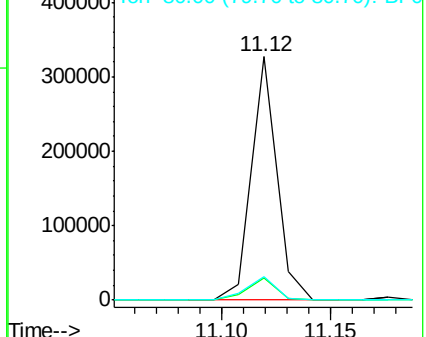
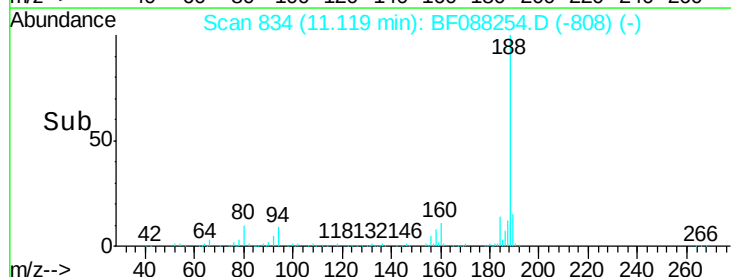
80 9.7 10.0 15.0#

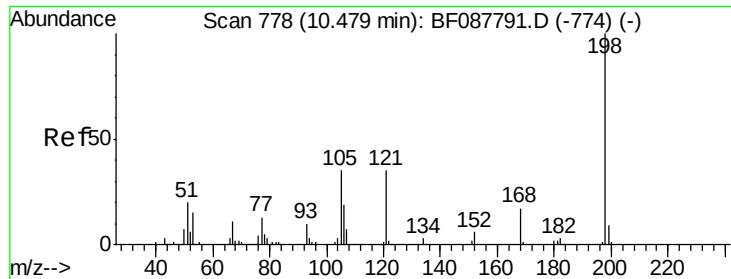


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 49.64 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

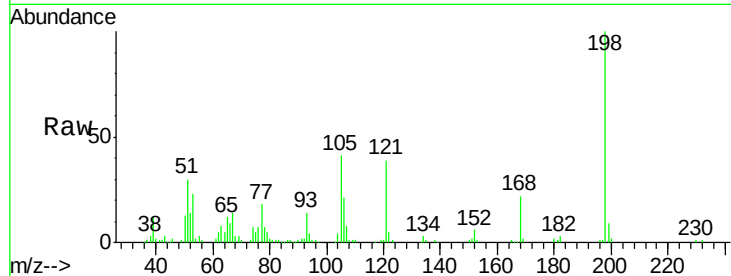
Tgt Ion:198 Resp: 82345

Ion Ratio Lower Upper

198 100

51 30.1 39.6 79.6#

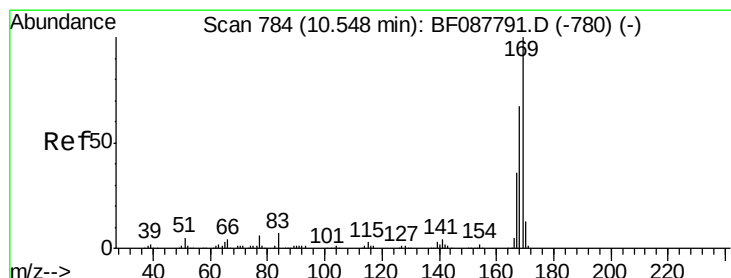
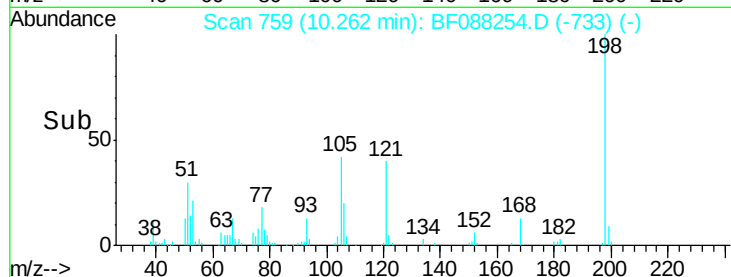
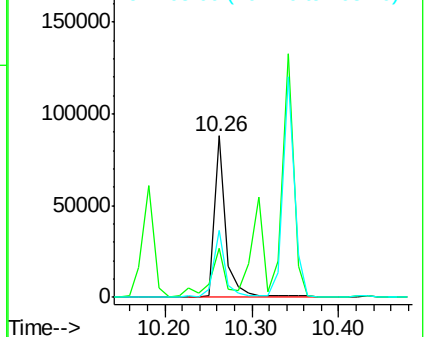
105 41.3 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 48.55 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

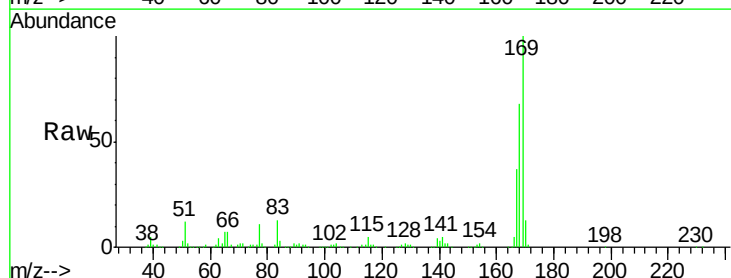
Tgt Ion:169 Resp: 427393

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

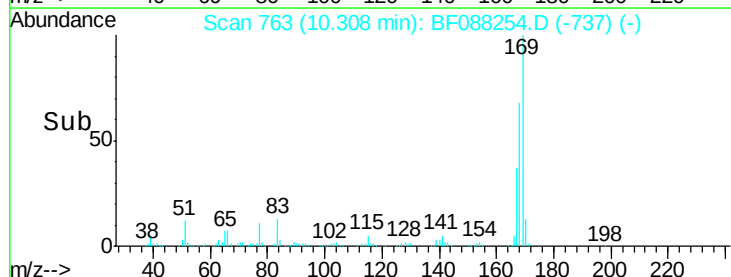
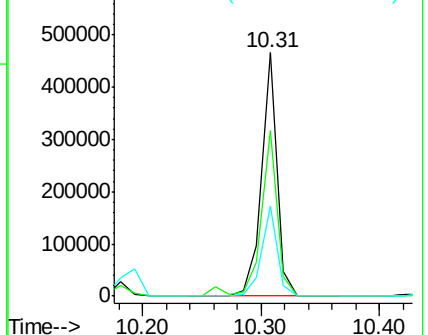
167 36.9 29.4 44.0

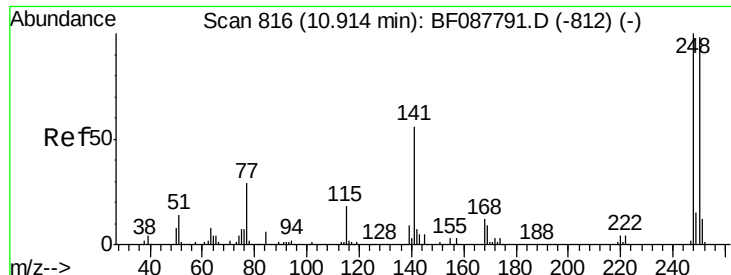


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

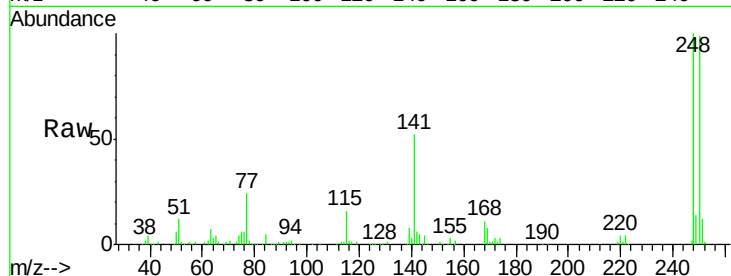




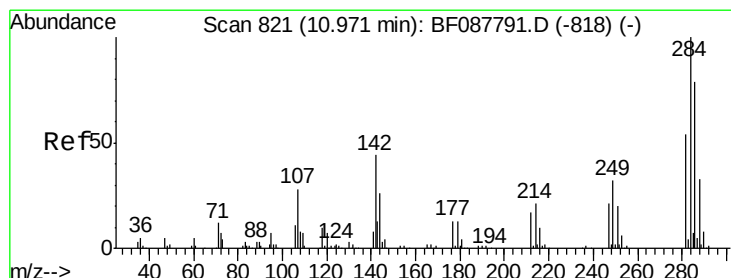
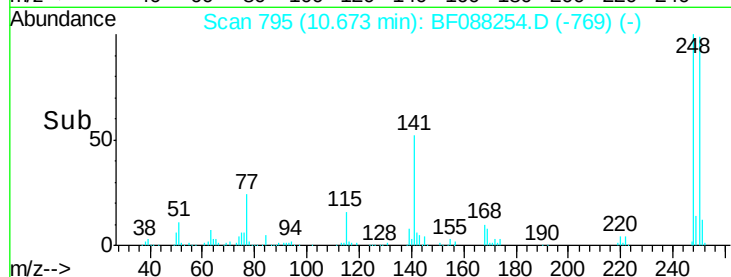
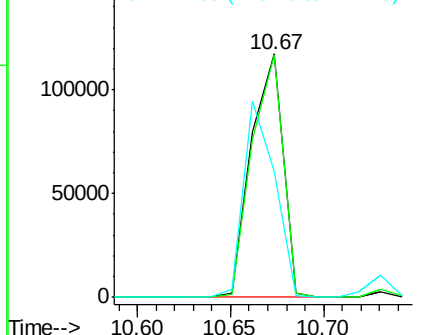
#66
4-Bromophenyl-phenylether
Concen: 48.57 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion:248 Resp: 138229
Ion Ratio Lower Upper
248 100
250 99.3 77.1 115.7
141 51.5 50.6 76.0

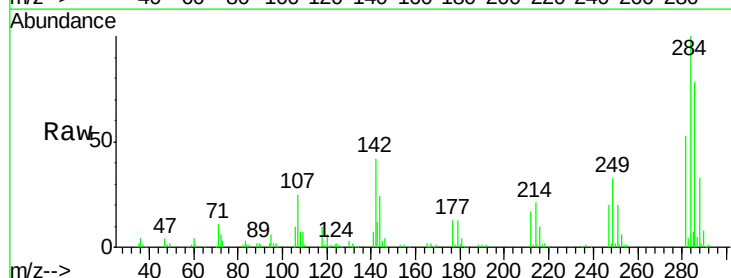


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

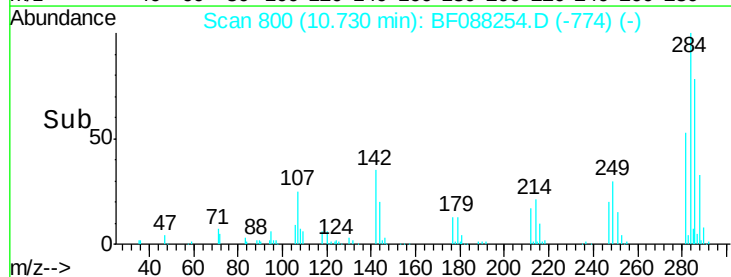
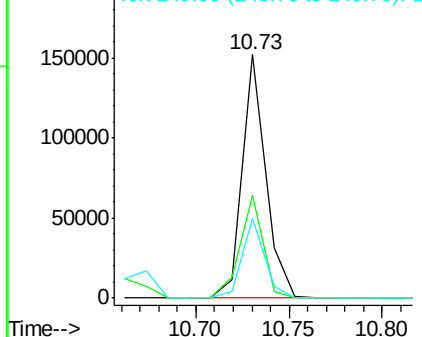


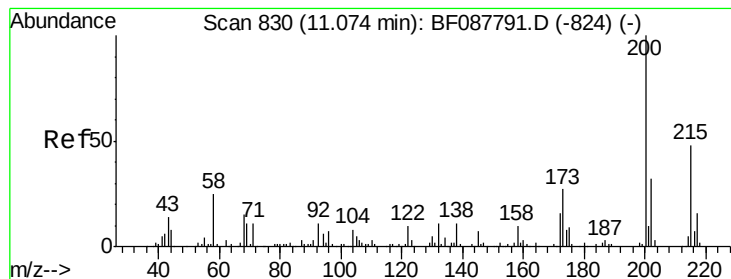
#67
Hexachlorobenzene
Concen: 45.38 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:284 Resp: 134198
Ion Ratio Lower Upper
284 100
142 42.3 35.8 53.8
249 32.6 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: 50.64 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

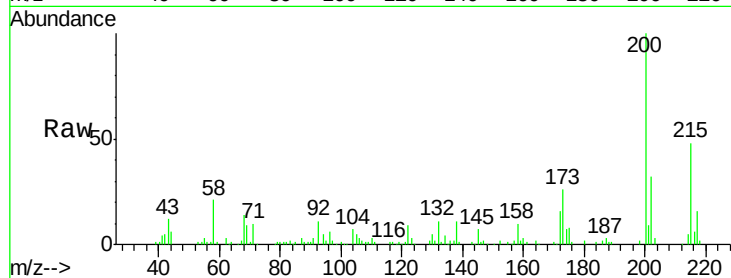
Tgt Ion:200 Resp: 134997

Ion Ratio Lower Upper

200 100

173 25.7 4.0 44.0

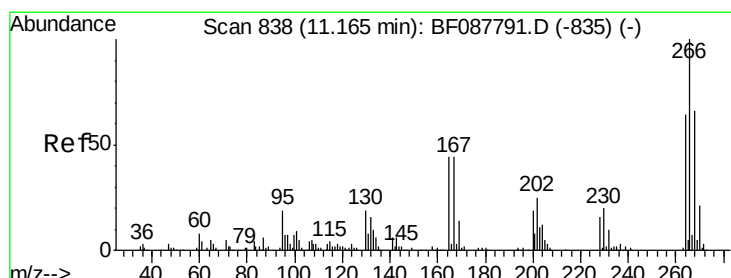
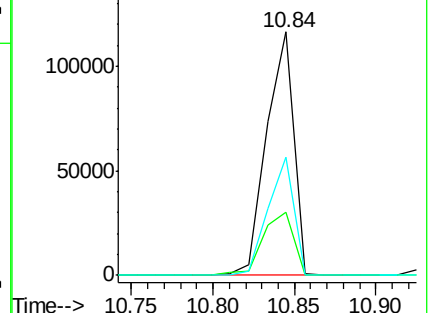
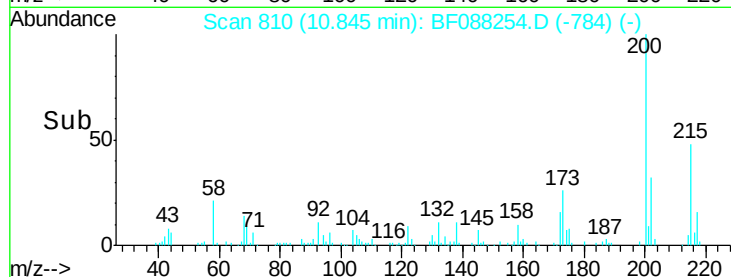
215 48.4 29.3 69.3



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: 66.71 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

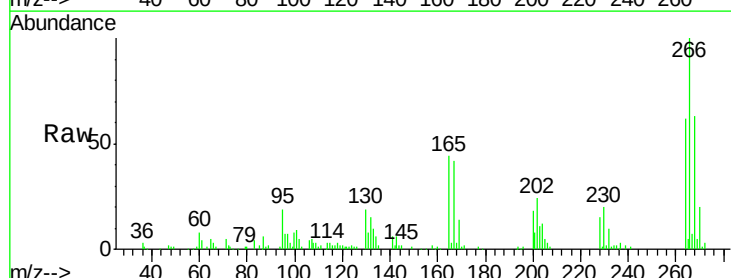
Tgt Ion:266 Resp: 103997

Ion Ratio Lower Upper

266 100

268 62.8 52.8 79.2

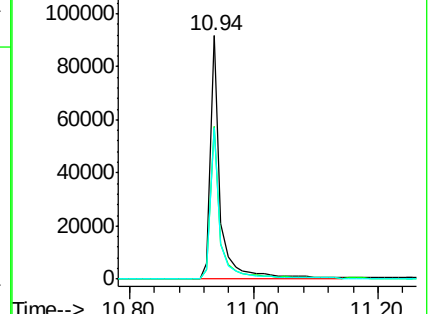
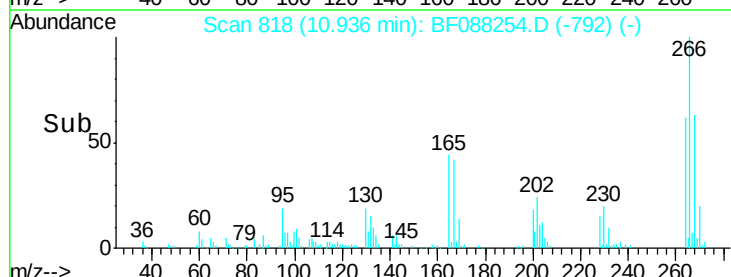
264 62.1 49.6 74.4

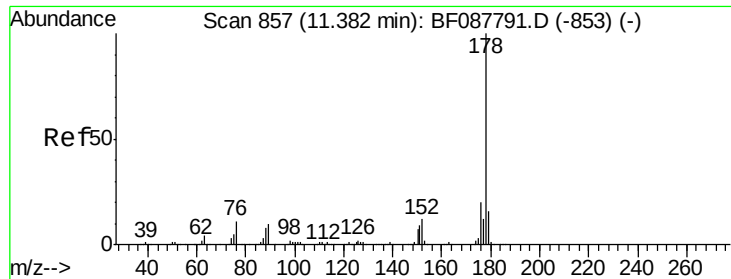


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

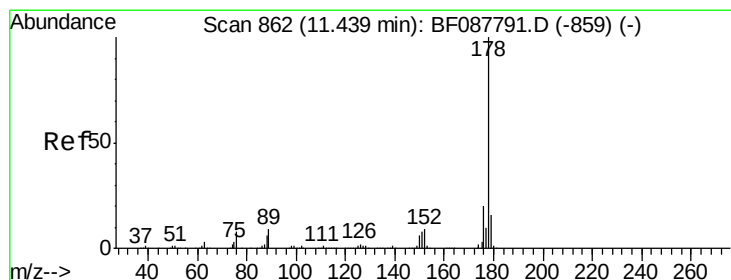
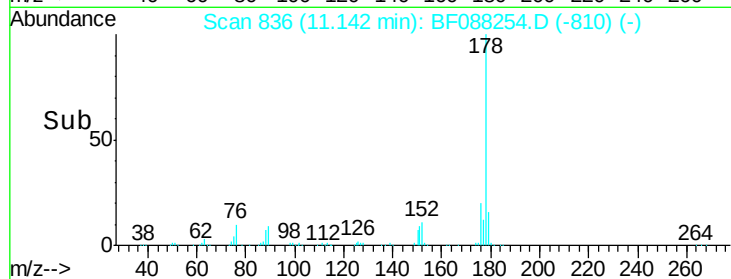
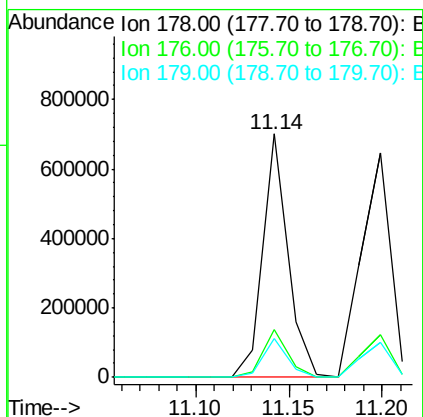
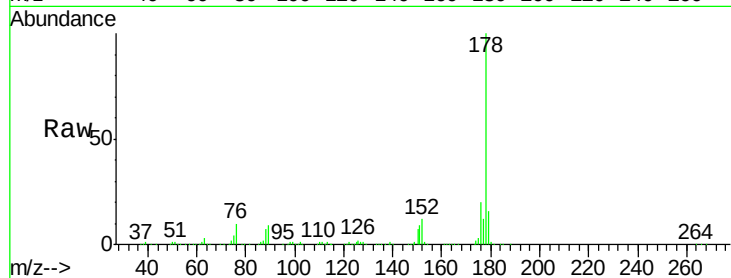




#70
Phenanthrene
Concen: 46.88 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

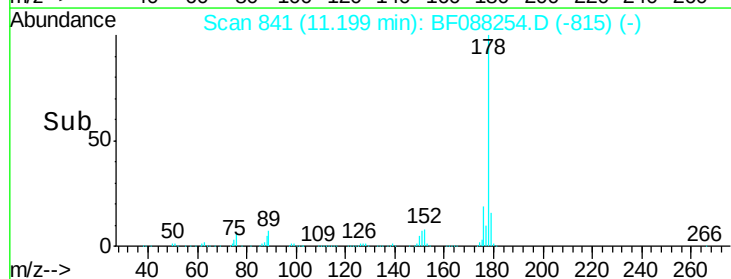
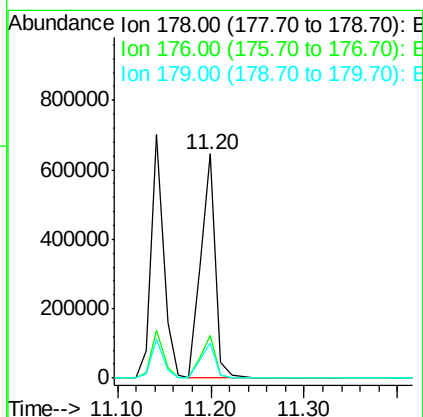
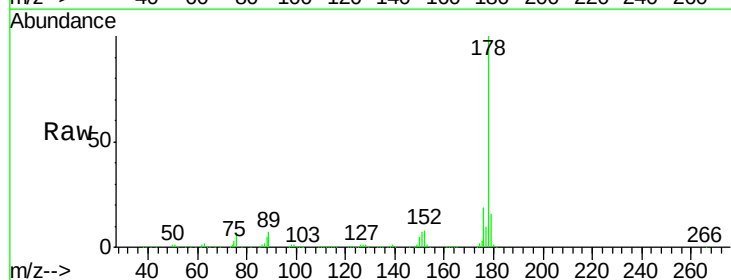
Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

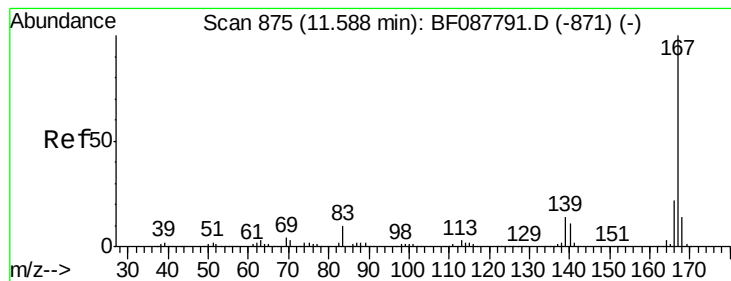
Tgt Ion:178 Resp: 652633
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.9 13.0 19.4



#71
Anthracene
Concen: 50.29 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:178 Resp: 706229
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.7 12.8 19.2





#72

Carbazole

Concen: 53.23 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

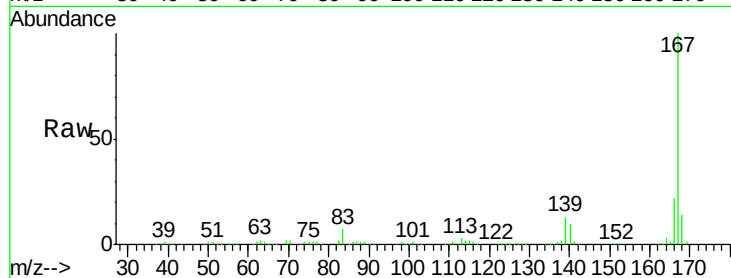
Tgt Ion:167 Resp: 699478

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

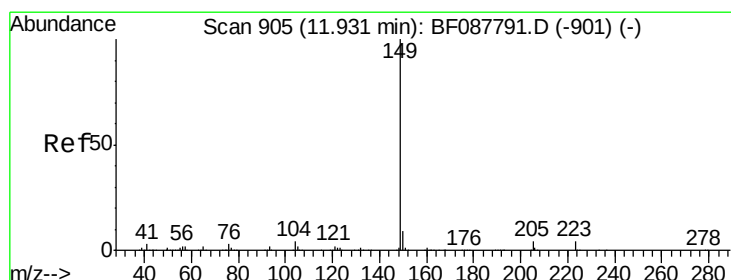
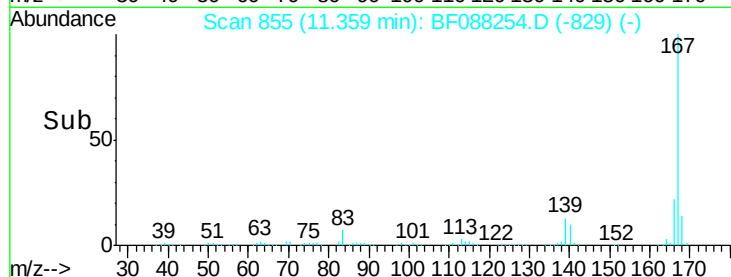
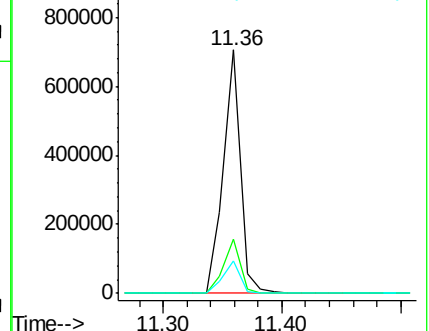
139 13.1 11.2 16.8



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: 46.13 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

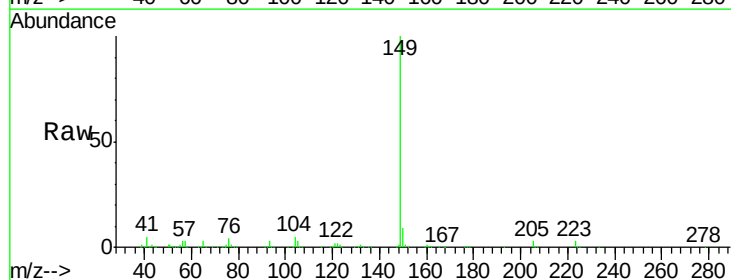
Tgt Ion:149 Resp: 767458

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

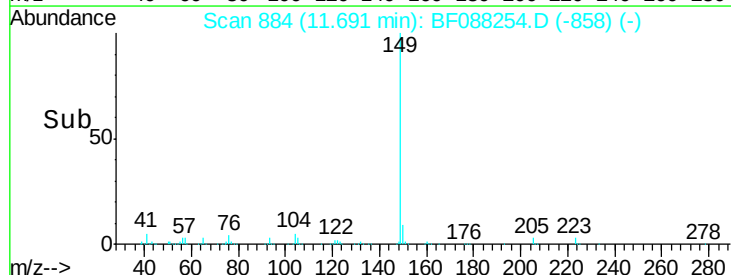
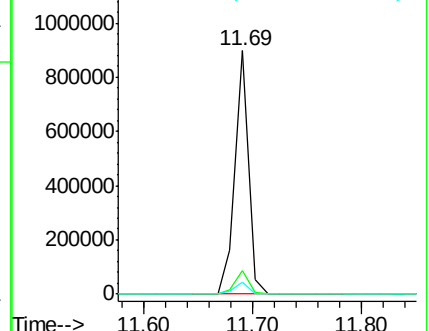
104 4.7 4.0 6.0

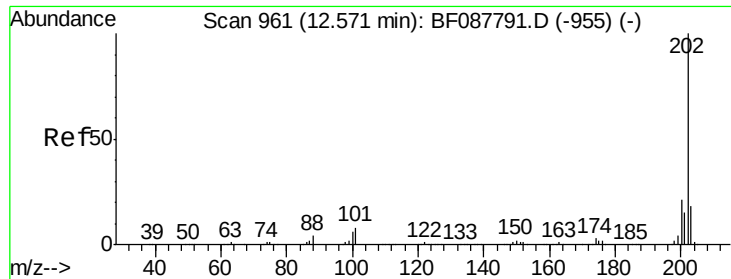


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

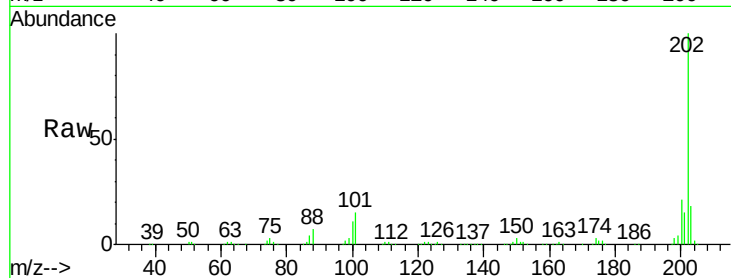




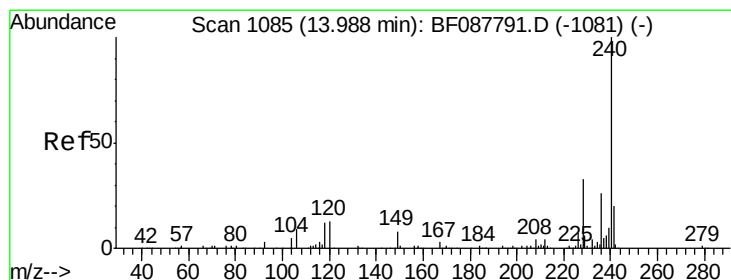
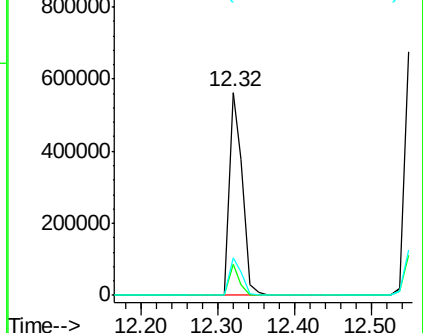
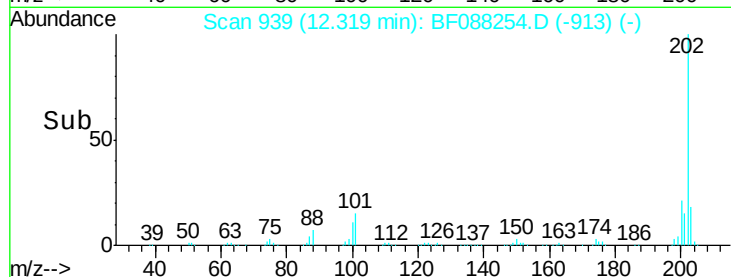
#74
 Fluoranthene
 Concen: 46.17 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.1
203	18.2	0.0	38.1

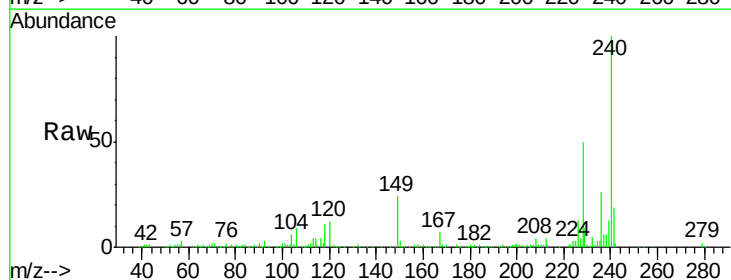


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

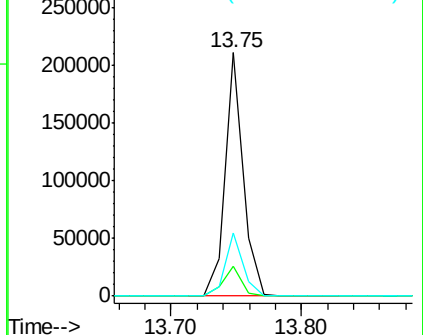
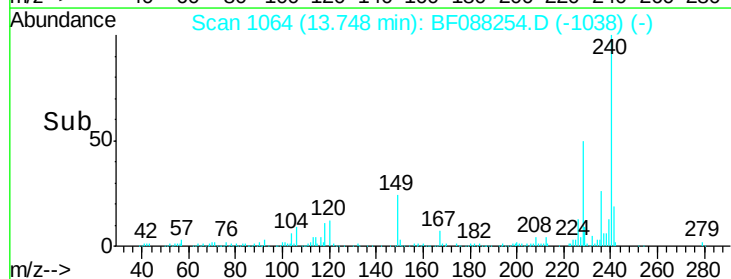


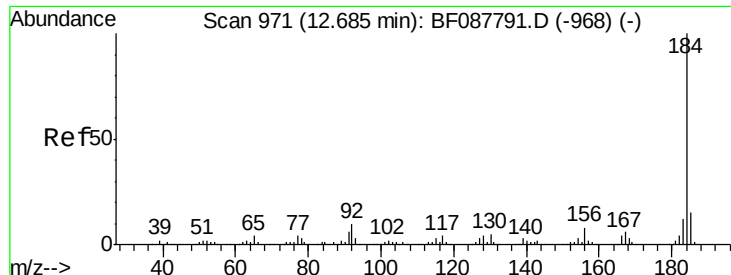
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF088254.D
 Acq: 22 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	25.8	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

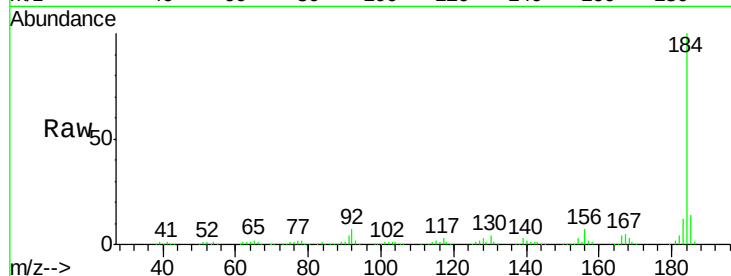




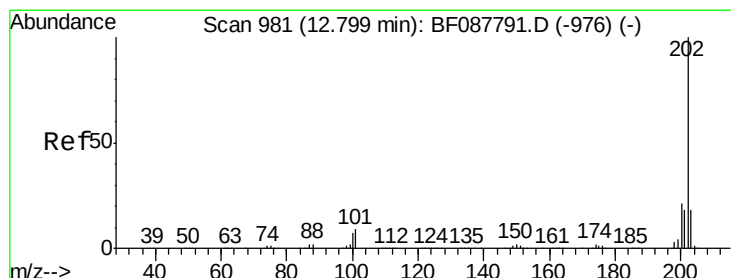
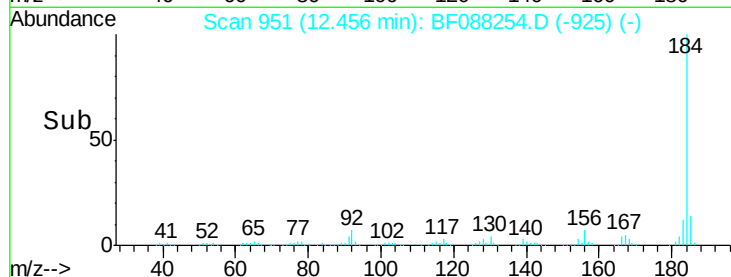
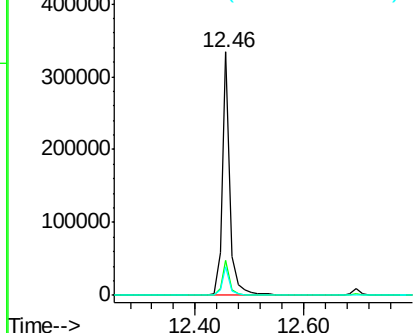
#76
Benzidine
Concen: 59.49 ng
RT: 12.46 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion:184 Resp: 335476
Ion Ratio Lower Upper
184 100
185 14.2 12.5 18.7
183 11.7 9.3 13.9

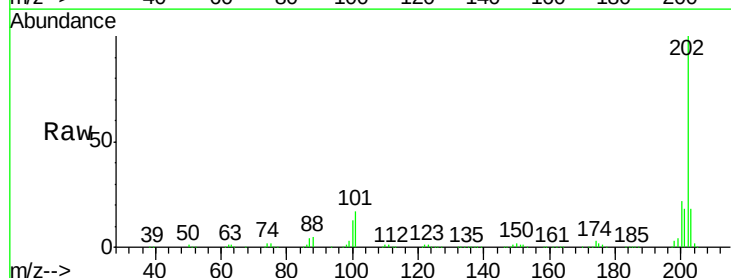


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

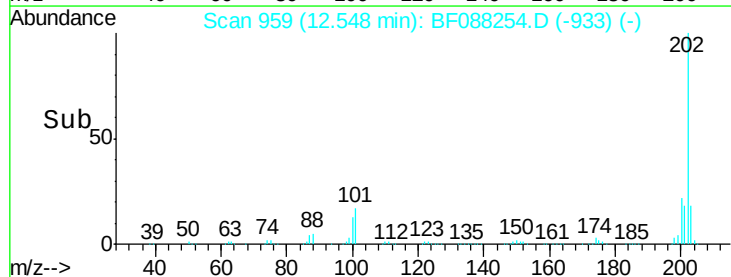
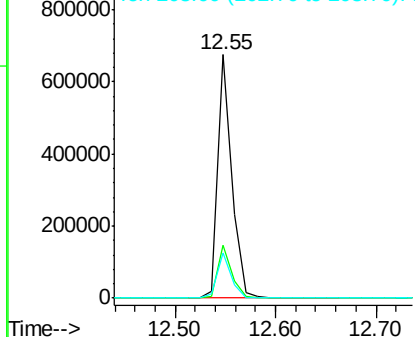


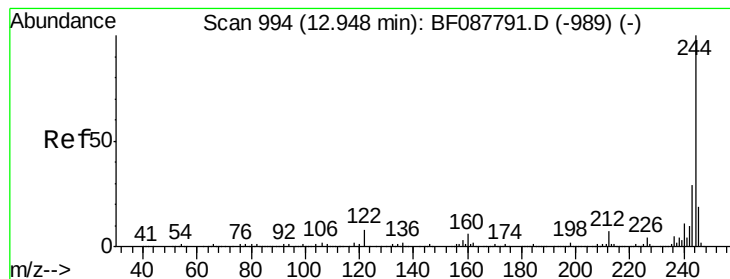
#77
Pyrene
Concen: 43.13 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:202 Resp: 651801
Ion Ratio Lower Upper
202 100
200 21.6 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: 69.15 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

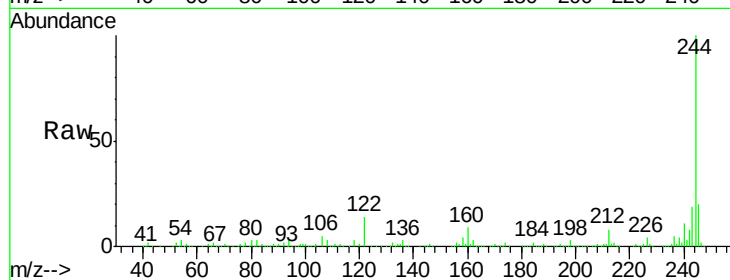
Tgt Ion:244 Resp: 618867

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

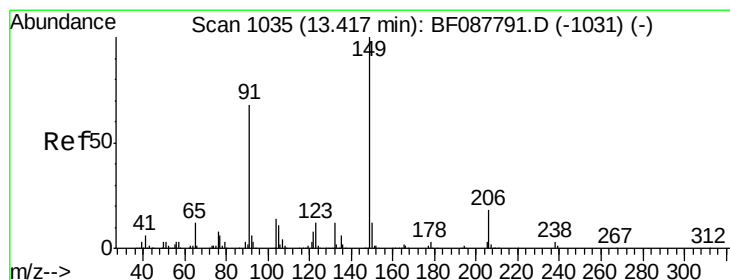
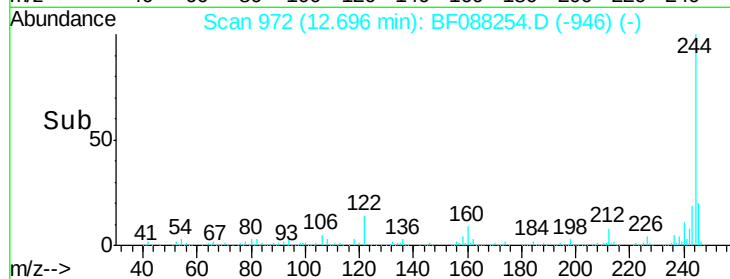
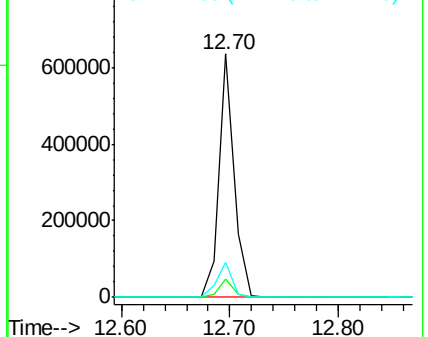
122 14.3 11.2 16.8



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: 50.31 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

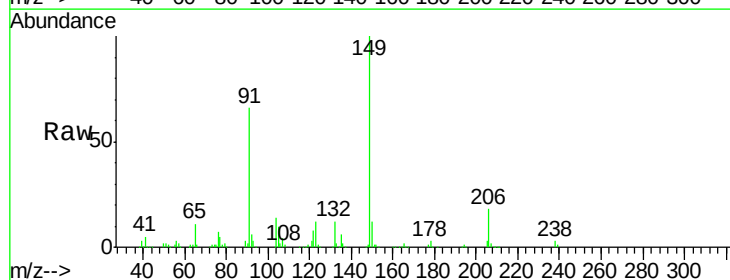
Tgt Ion:149 Resp: 336122

Ion Ratio Lower Upper

149 100

91 65.6 48.0 72.0

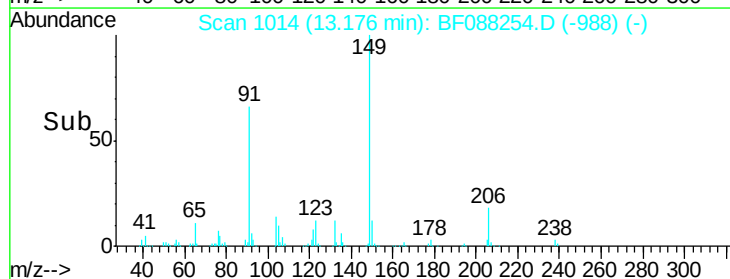
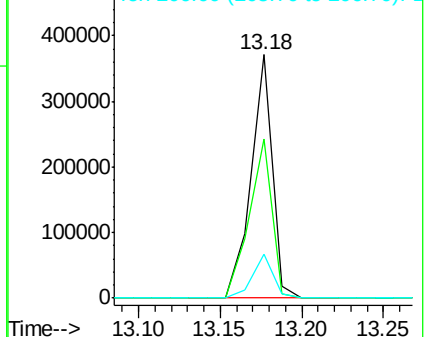
206 18.3 16.0 24.0

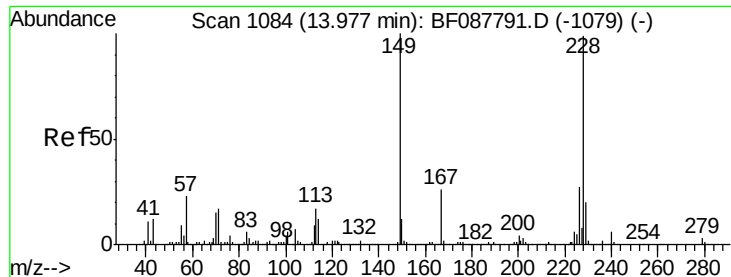


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.58 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

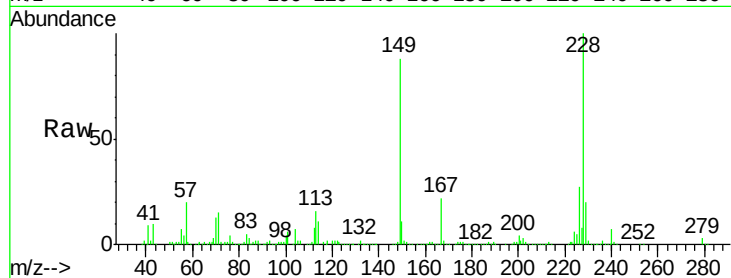
Tgt Ion:228 Resp: 482602

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

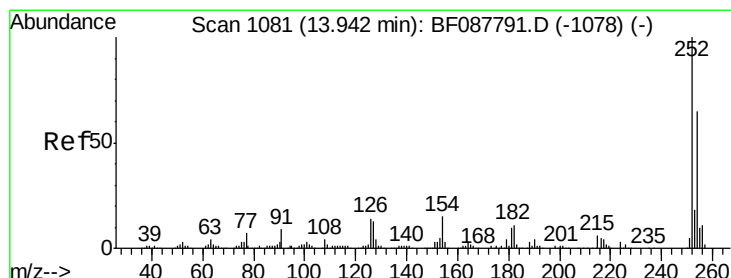
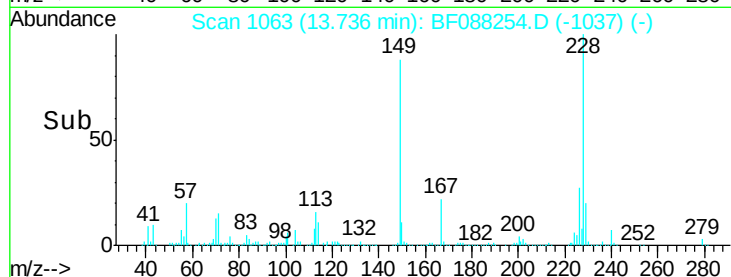
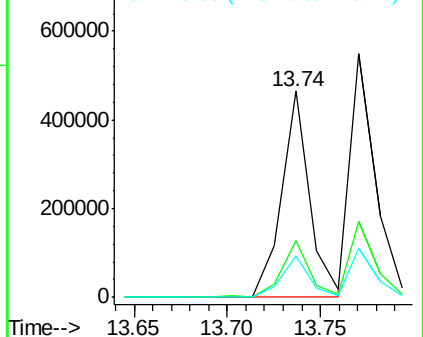
229 19.9 16.0 24.0



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: 42.43 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

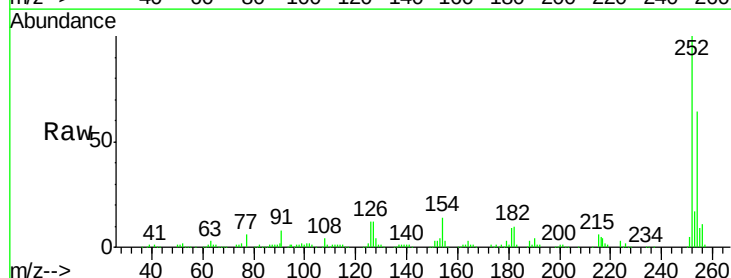
Tgt Ion:252 Resp: 132429

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

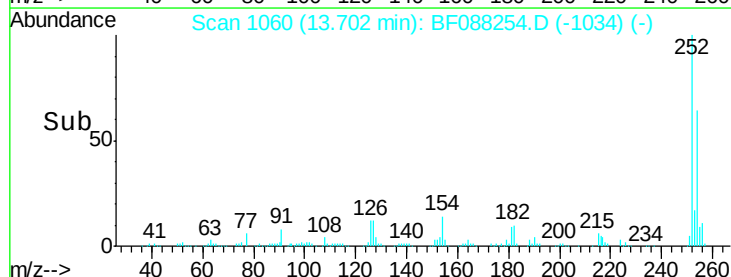
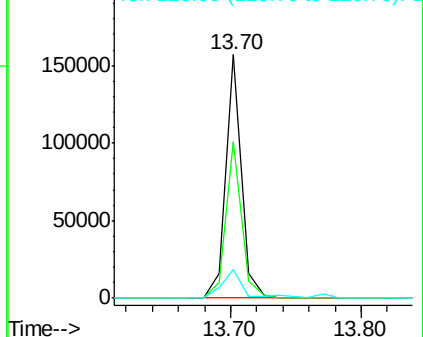
126 11.7 6.2 9.2#

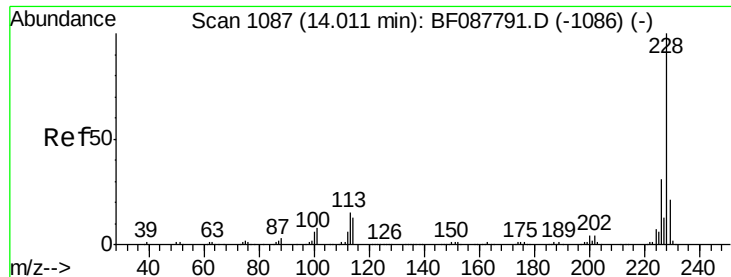


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 48.45 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

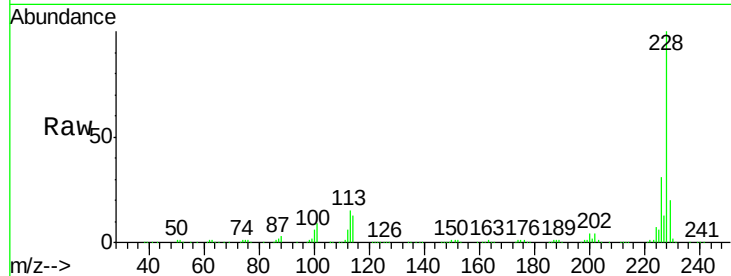
Tgt Ion:228 Resp: 528966

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

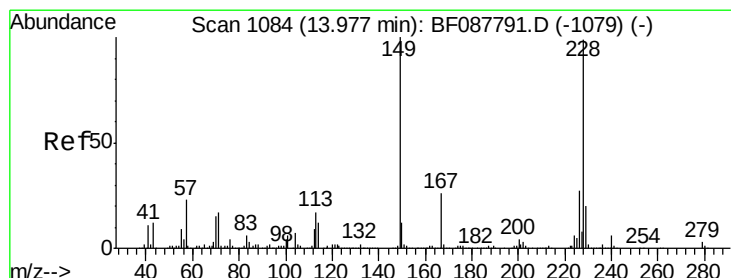
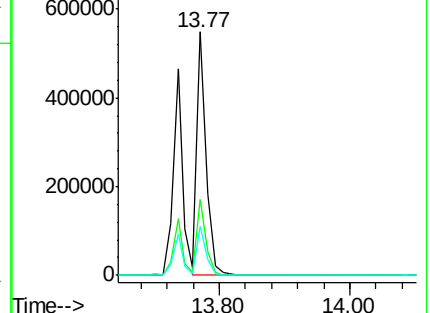
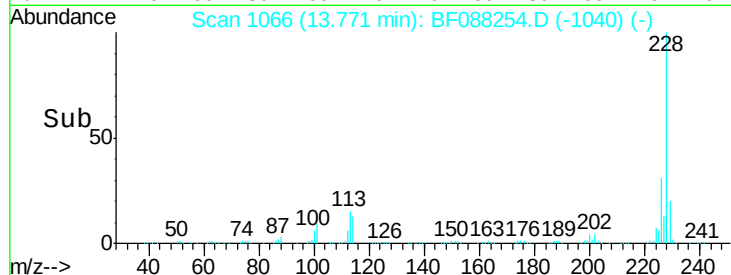
229 20.3 16.3 24.5



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: 47.07 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

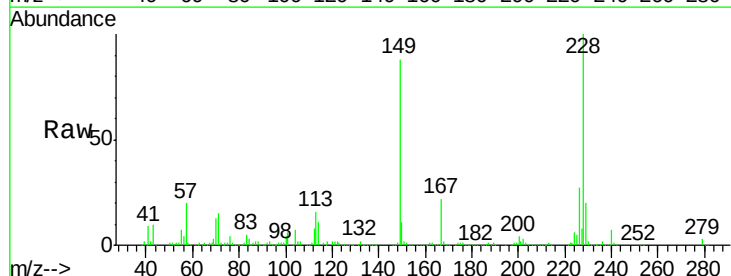
Tgt Ion:149 Resp: 382878

Ion Ratio Lower Upper

149 100

167 25.3 20.5 30.7

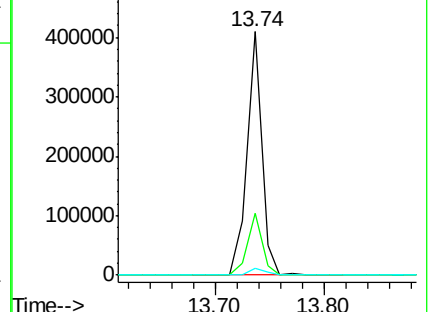
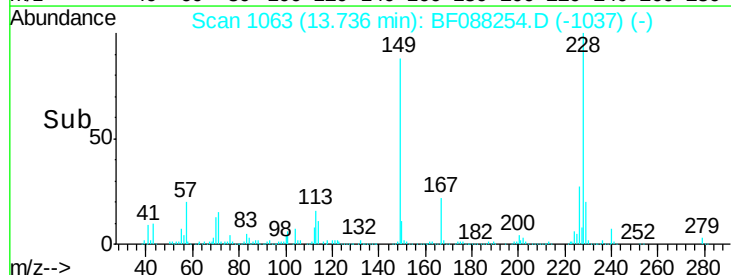
279 2.9 2.0 3.0

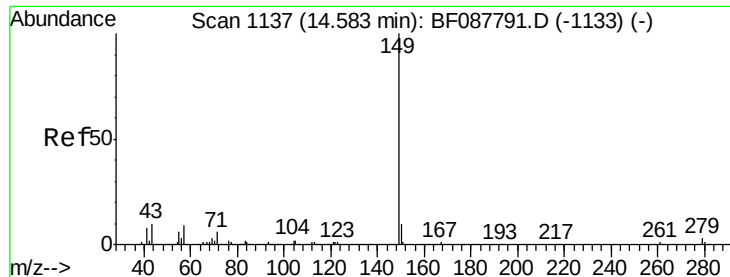


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

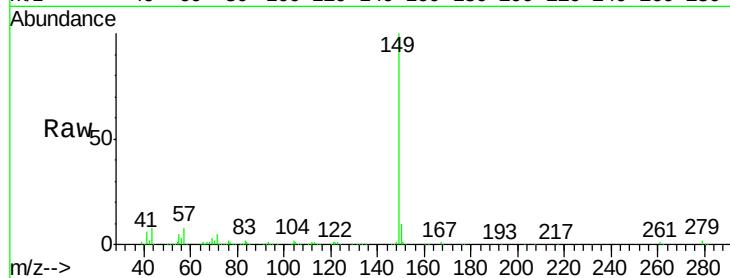




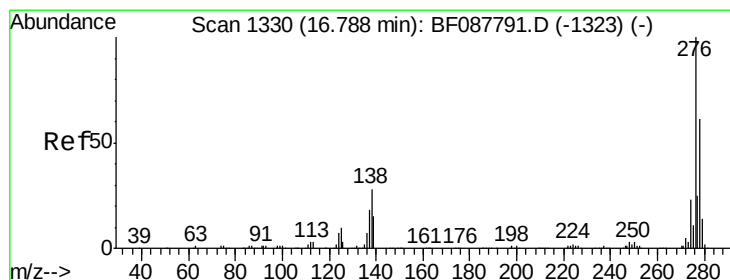
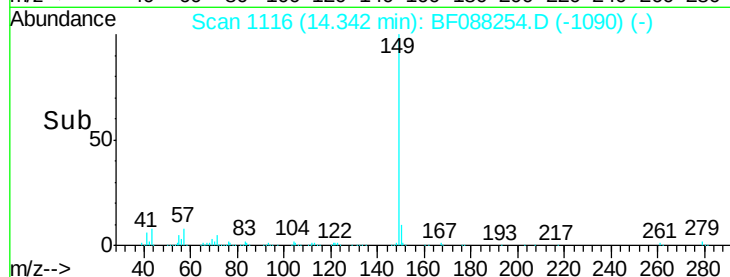
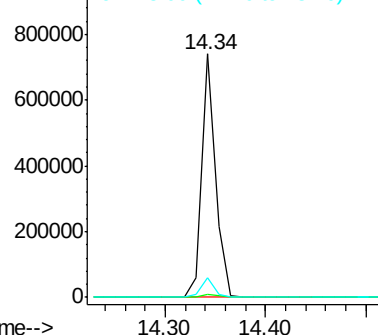
#84
Di-n-octyl phthalate
Concen: 53.32 ng
RT: 14.34 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.5	0.0	0.0#

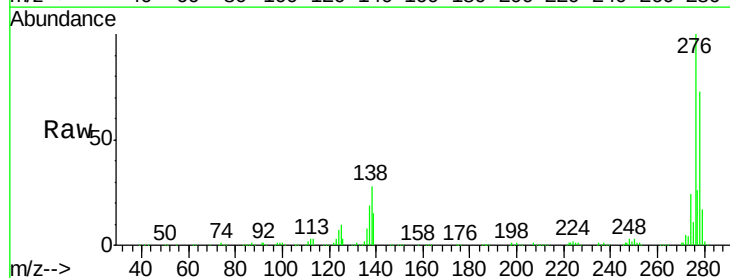


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

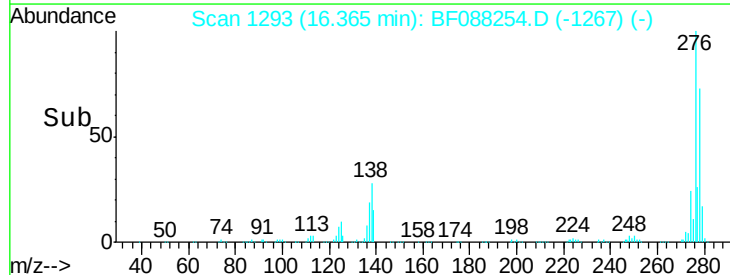
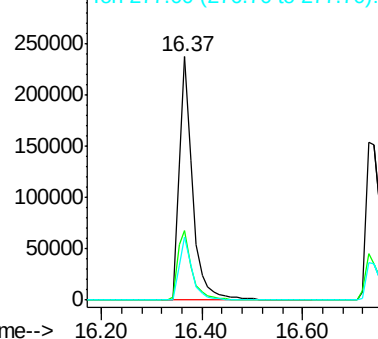


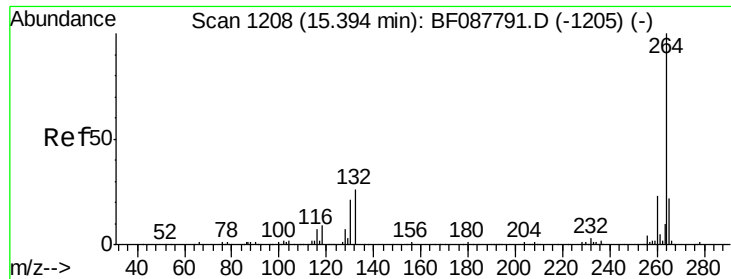
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.72 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	0.0	0.0#
277	25.3	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

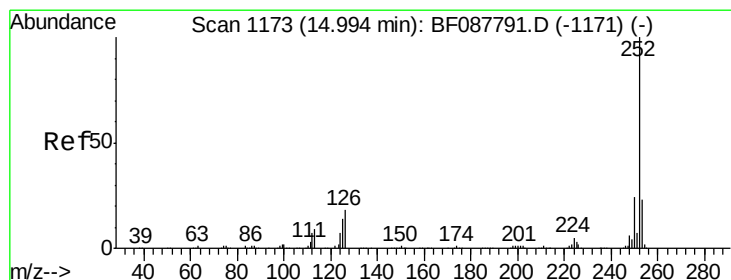
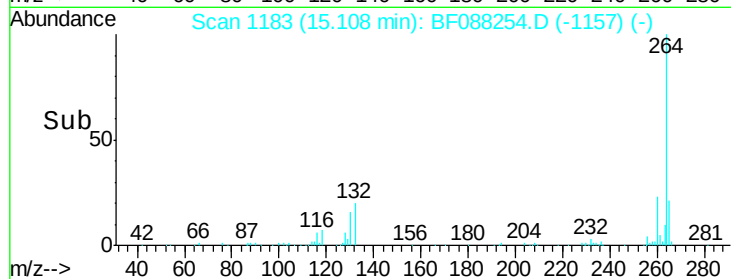
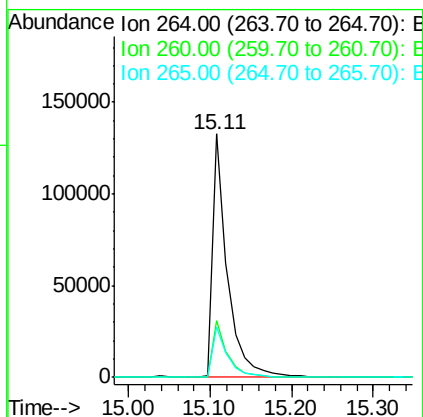
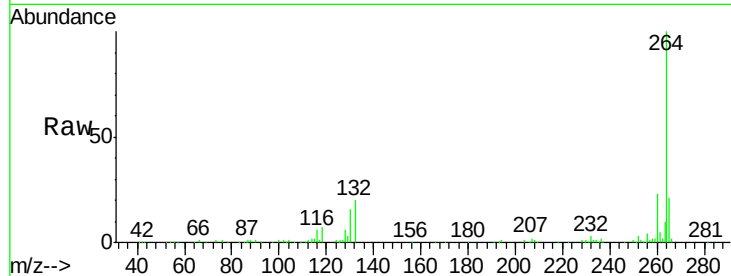




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

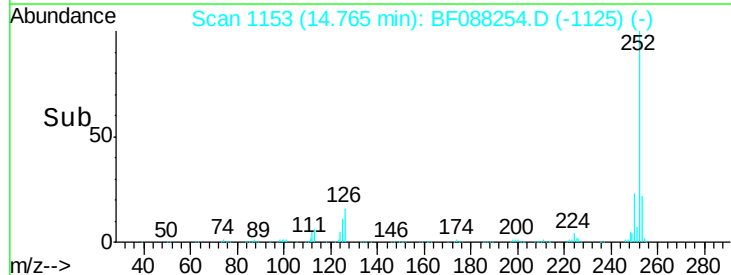
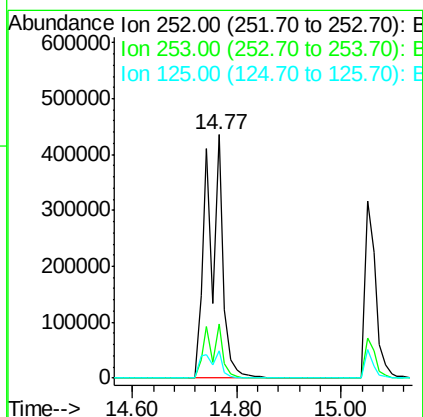
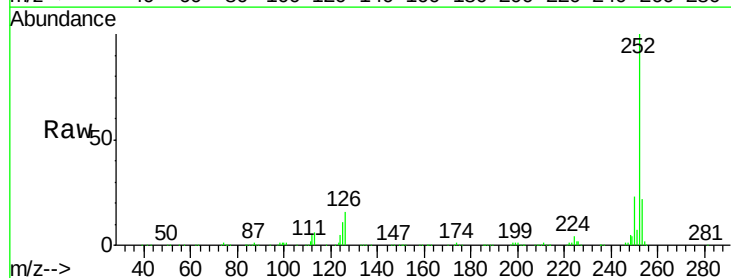
Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MS

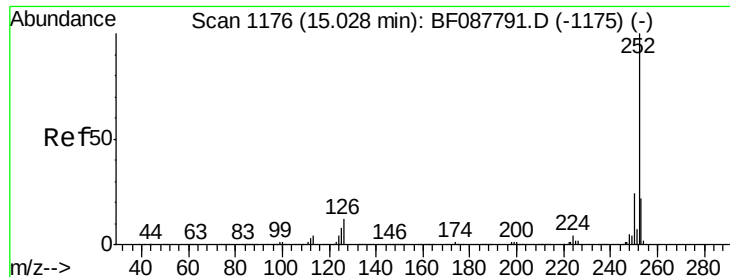
Tgt Ion:264 Resp: 168179
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.9 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 77.69 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF088254.D
Acq: 22 Jun 2016 17:24

Tgt Ion:252 Resp: 910690
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.1 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 103.02 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

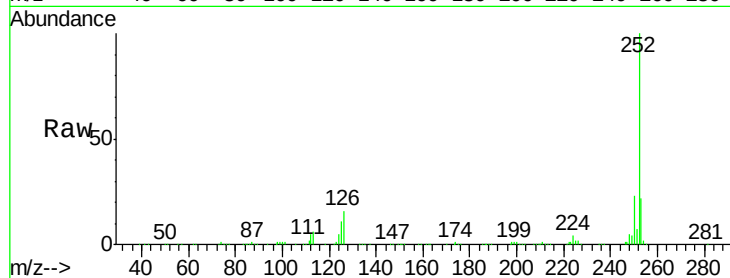
Tgt Ion:252 Resp: 910912

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

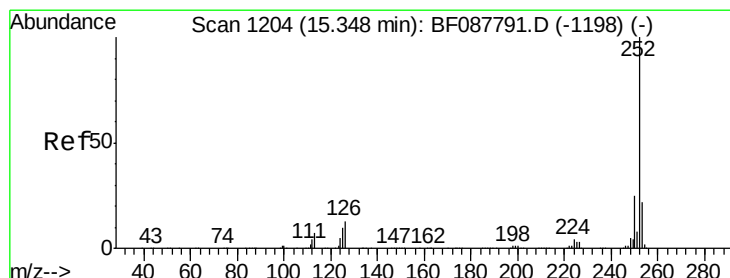
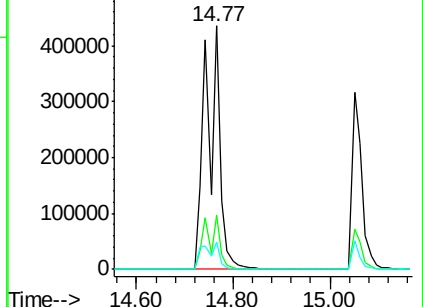
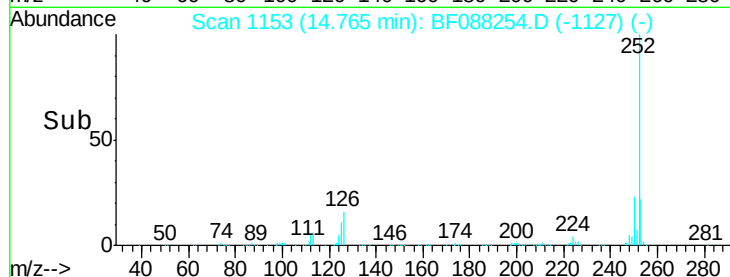
125 11.1 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.78 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

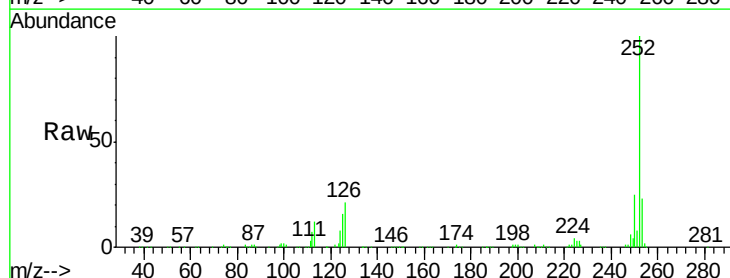
Tgt Ion:252 Resp: 443673

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

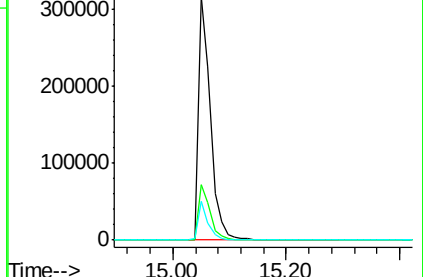
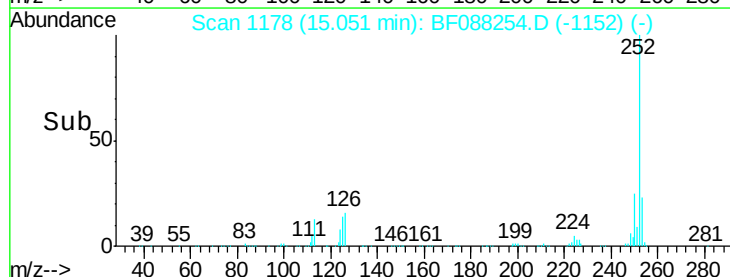
125 16.0 12.5 18.7

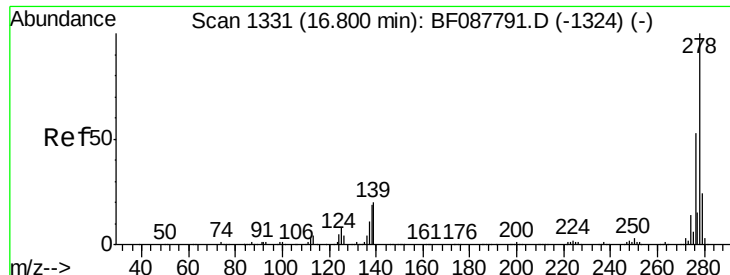


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 41.25 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MS

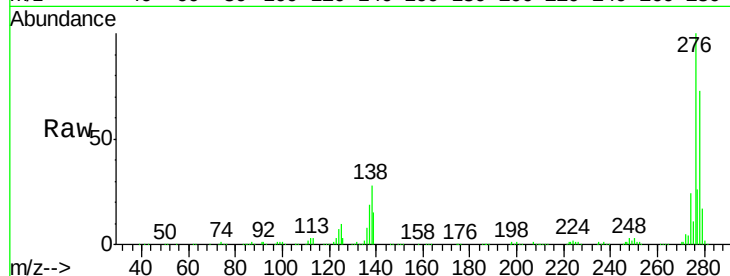
Tgt Ion:278 Resp: 363353

Ion Ratio Lower Upper

278 100

139 20.5 15.7 23.5

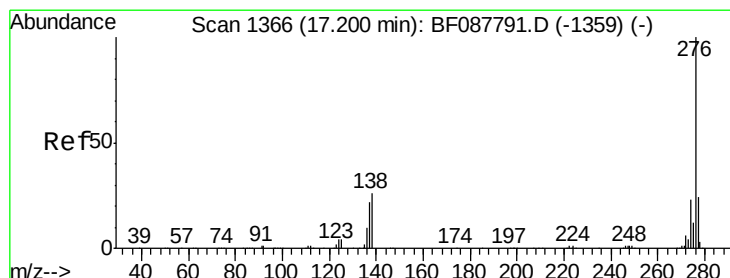
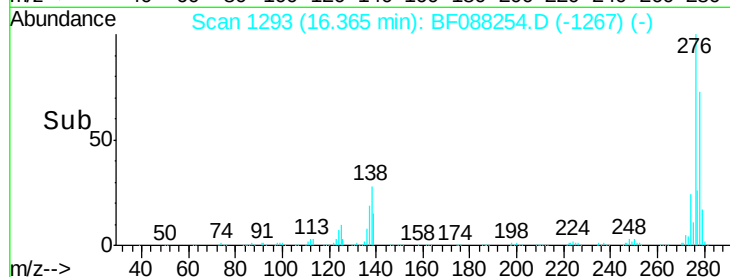
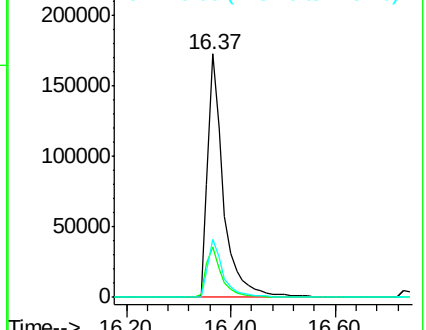
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.13 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF088254.D

Acq: 22 Jun 2016 17:24

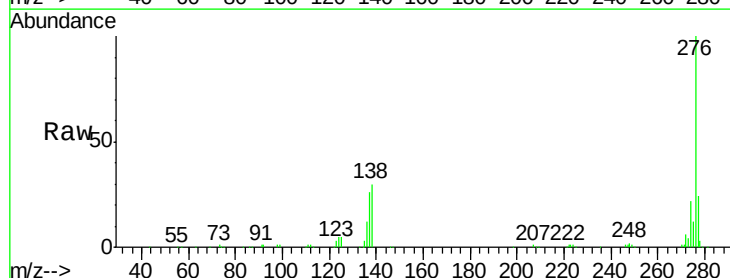
Tgt Ion:276 Resp: 381708

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 29.8 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

