

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087727.D
 Acq On : 6 Jun 2016 00:52
 Operator : UM/SJ
 Sample : H3378-03MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Quant Time: Jun 06 03:13:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114972	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	482921	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	228174	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	409081	20.00	ng	0.00
75) Chrysene-d12	14.02	240	263331	20.00	ng	0.00
86) Perylene-d12	15.44	264	234712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1072475	150.77	ng	0.02
7) Phenol-d6	6.50	99	1296087	145.29	ng	0.01
23) Nitrobenzene-d5	7.43	82	811057	97.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	323599	141.28	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1500038	113.11	ng	0.00
78) Terphenyl-d14	12.97	244	1085526	100.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	127752	37.16	ng	# 32
3) Pyridine	3.27	79	382233	42.08	ng	94
4) n-Nitrosodimethylamine	3.22	42	170874	44.53	ng	98
6) Aniline	6.52	93	396357	31.35	ng	98
8) 2-Chlorophenol	6.65	128	405926	49.59	ng	88
9) Benzaldehyde	6.40	77	26744	4.43	ng	86
10) Phenol	6.51	94	549197	54.07	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	374785	50.78	ng	89
12) 1,3-Dichlorobenzene	6.80	146	373859	42.66	ng	100
13) 1,4-Dichlorobenzene	6.88	146	395592	44.99	ng	99
14) 1,2-Dichlorobenzene	7.04	146	357654	43.38	ng	99
15) Benzyl Alcohol	7.00	79	296875	45.04	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	487182	45.26	ng	96
17) 2-Methylphenol	7.12	107	314352	47.83	ng	99
18) Hexachloroethane	7.37	117	141939	46.16	ng	# 82
19) n-Nitroso-di-n-propylamine	7.29	70	276677	49.66	ng	# 87
20) 3+4-Methylphenols	7.28	107	401135	49.82	ng	# 78
22) Acetophenone	7.28	105	494979	45.25	ng	# 90
24) Nitrobenzene	7.45	77	442541	52.98	ng	96
25) Isophorone	7.69	82	724978	47.71	ng	100
26) 2-Nitrophenol	7.76	139	201610	51.94	ng	97
27) 2,4-Dimethylphenol	7.80	122	368045	45.75	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	454693	47.17	ng	# 96
29) 2,4-Dichlorophenol	8.00	162	333315	50.45	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	334612	48.37	ng	99
31) Naphthalene	8.17	128	1111137	47.32	ng	100
32) Benzoic acid	7.88	122	55072	11.35	ng	99
33) 4-Chloroaniline	8.22	127	266452	26.12	ng	98
34) Hexachlorobutadiene	8.30	225	168182	46.76	ng	99
35) Caprolactam	8.65	113	45093	20.78	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	376351	55.07	ng	96
37) 2-Methylnaphthalene	8.86	142	734576	47.38	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	288592	45.89	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	289651	78.31	ng	100

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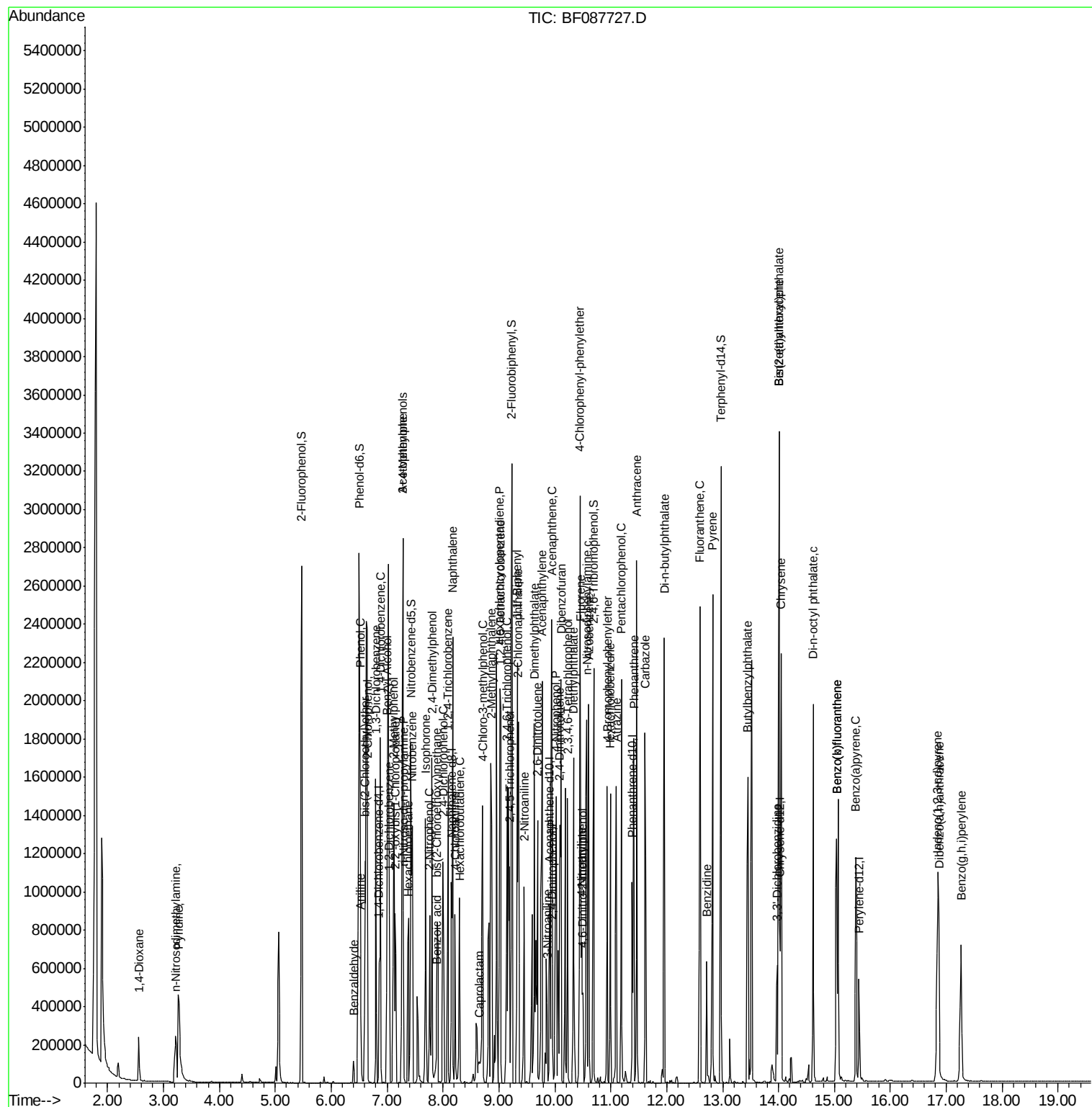
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260662	54.89	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	224902	50.89	ng	97
45) 1,1'-Biphenyl	9.32	154	790730	42.70	ng	99
46) 2-Chloronaphthalene	9.35	162	660421	44.80	ng	100
47) 2-Nitroaniline	9.45	65	233287	56.21	ng	# 65
48) Acenaphthylene	9.77	152	1165933	50.72	ng	99
49) Dimethylphthalate	9.63	163	826030	49.80	ng	99
50) 2,6-Dinitrotoluene	9.69	165	183697	48.67	ng	# 70
51) Acenaphthene	9.94	154	718205	48.56	ng	99
52) 3-Nitroaniline	9.86	138	152747	35.38	ng	# 68
53) 2,4-Dinitrophenol	9.95	184	82189	49.54	ng	# 81
54) Dibenzofuran	10.11	168	1034116	51.35	ng	95
55) 4-Nitrophenol	10.02	139	324217	87.87	ng	90
56) 2,4-Dinitrotoluene	10.09	165	224725	46.76	ng	# 64
57) Fluorene	10.46	166	742778	47.19	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	192460	50.55	ng	# 53
59) Diethylphthalate	10.33	149	761104	45.69	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	287982	49.61	ng	98
61) 4-Nitroaniline	10.48	138	210560	50.74	ng	94
62) Azobenzene	10.60	77	815558	48.64	ng	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	111536	49.01	ng	# 57
65) n-Nitrosodiphenylamine	10.57	169	715318	53.39	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	215596	53.15	ng	96
67) Hexachlorobenzene	10.99	284	211733	46.68	ng	97
68) Atrazine	11.10	200	207641	52.32	ng	95
69) Pentachlorophenol	11.19	266	217693	80.77	ng	98
70) Phenanthrene	11.42	178	1072909	48.37	ng	99
71) Anthracene	11.46	178	991901	44.63	ng	99
72) Carbazole	11.61	167	1021830	48.57	ng	100
73) Di-n-butylphthalate	11.95	149	1173529	52.03	ng	100
74) Fluoranthene	12.59	202	975647	44.70	ng	99
76) Benzidine	12.72	184	324150	31.22	ng	98
77) Pyrene	12.82	202	1017931	54.29	ng	100
79) Butylbenzylphthalate	13.45	149	515633	64.61	ng	94
80) Benzo(a)anthracene	14.01	228	761838	50.13	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	183262	42.74	ng	99
82) Chrysene	14.05	228	772142	51.05	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	589459	62.07	ng	# 98
84) Di-n-octyl phthalate	14.62	149	972404	55.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	749761	59.97	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	770342	50.45	ng	98
88) Benzo(k)fluoranthene	15.04	252	770342	60.64	ng	# 96
89) Benzo(a)pyrene	15.38	252	672261	52.38	ng	100
90) Dibenzo(a,h)anthracene	16.87	278	623961	57.13	ng	96
91) Benzo(g,h,i)perylene	17.27	276	629596	57.13	ng	97

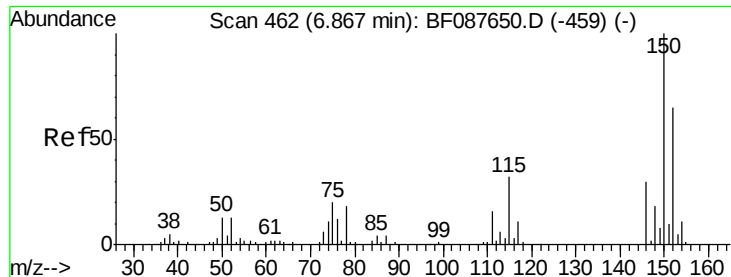
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

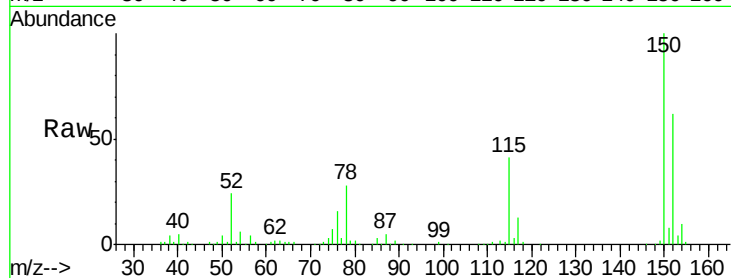
Tgt Ion:152 Resp: 114972

Ion Ratio Lower Upper

152 100

150 160.1 123.8 185.6

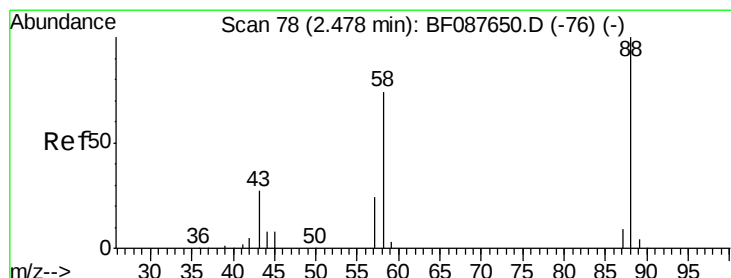
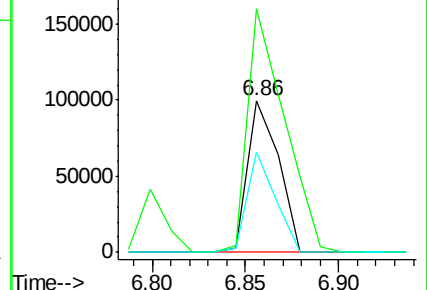
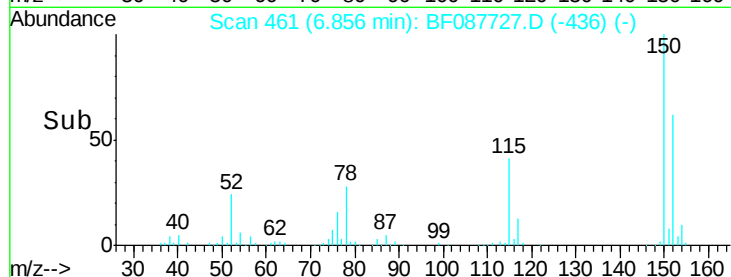
115 66.3 39.6 59.4#



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: 37.16 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

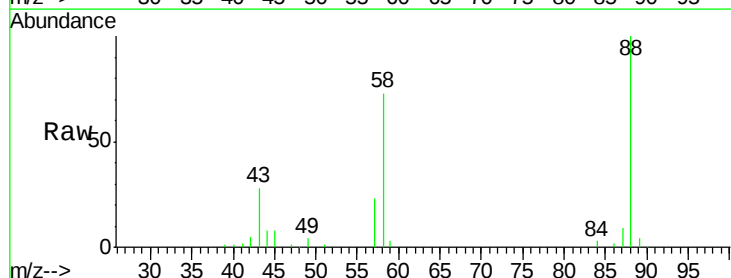
Tgt Ion: 88 Resp: 127752

Ion Ratio Lower Upper

88 100

58 74.3 0.0 0.0#

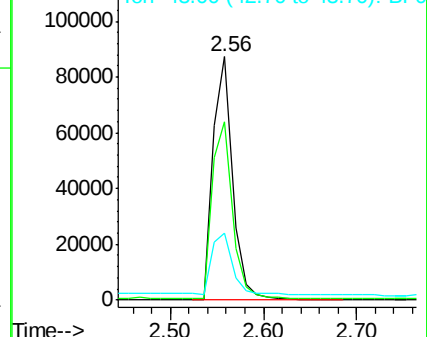
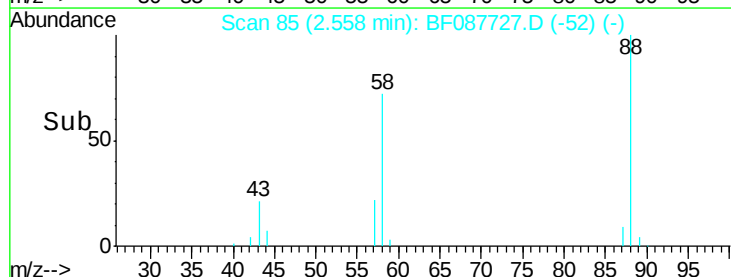
43 26.8 3.4 5.2#

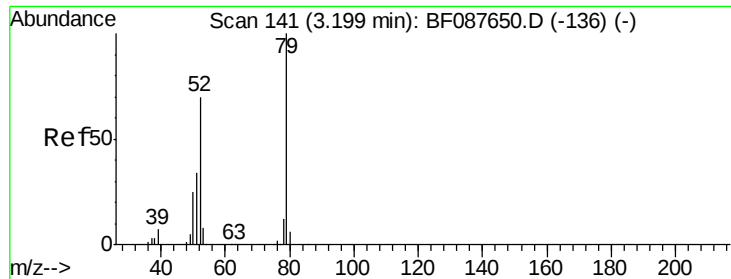


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.08 ng

RT: 3.27 min Scan# 147

Delta R.T. 0.07 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

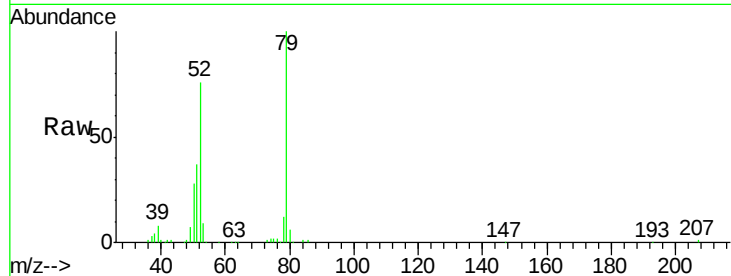
Tgt Ion: 79 Resp: 382233

Ion Ratio Lower Upper

79 100

52 75.7 56.3 84.5

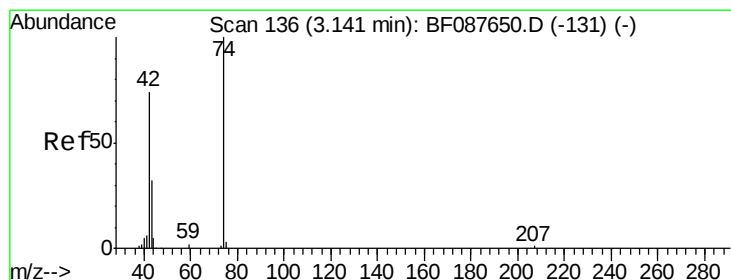
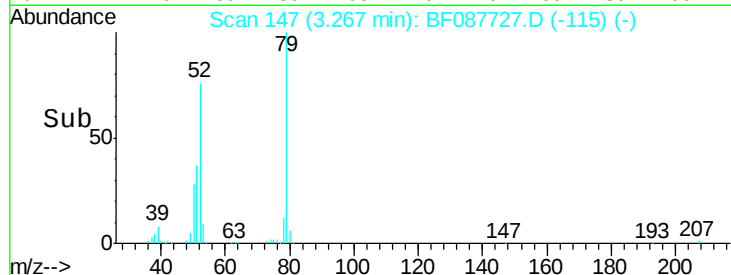
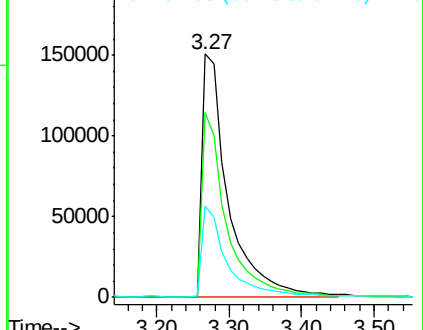
51 37.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.53 ng

RT: 3.22 min Scan# 143

Delta R.T. 0.08 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

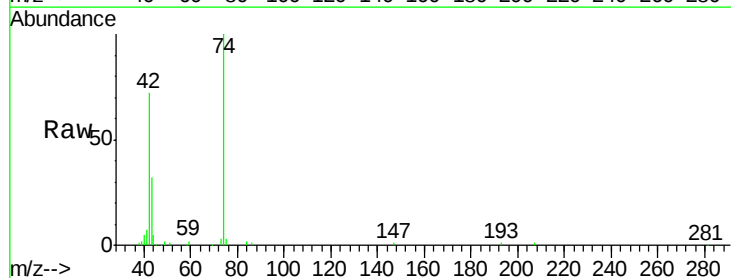
Tgt Ion: 42 Resp: 170874

Ion Ratio Lower Upper

42 100

74 138.2 108.6 163.0

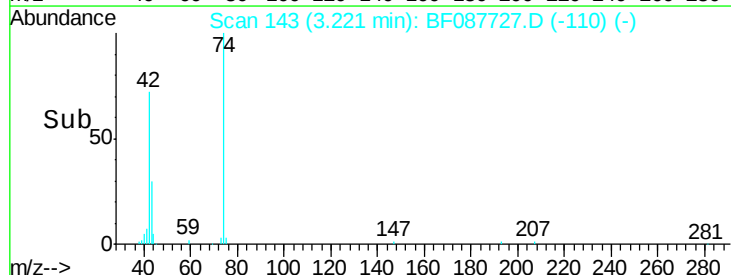
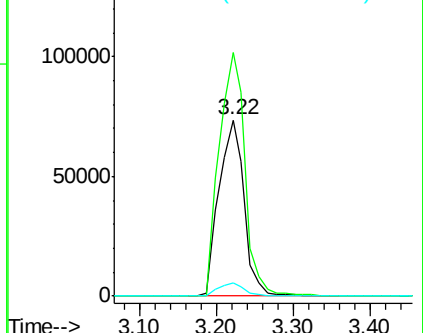
44 7.2 5.5 8.3

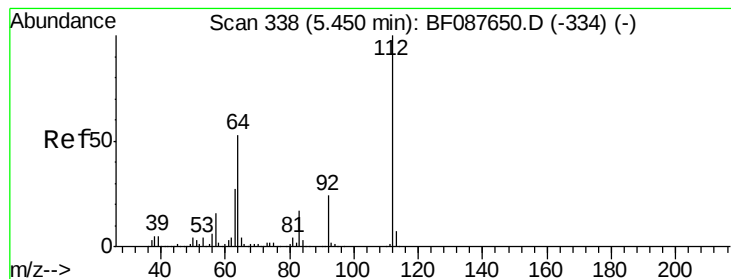


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 150.77 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087727.D

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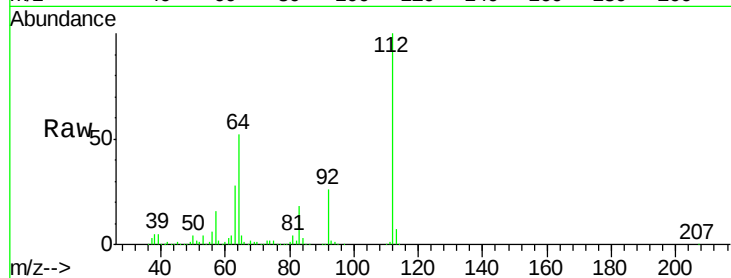
Tgt Ion:112 Resp: 1072475

Ion Ratio Lower Upper

112 100

64 52.5 42.2 63.2

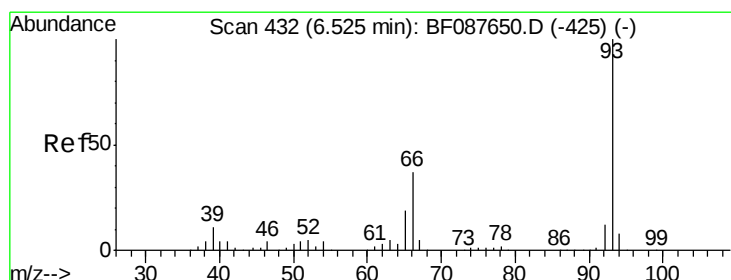
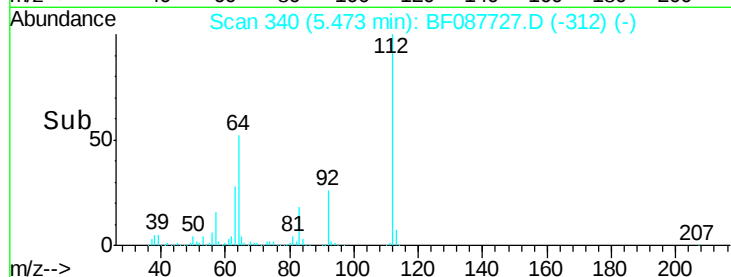
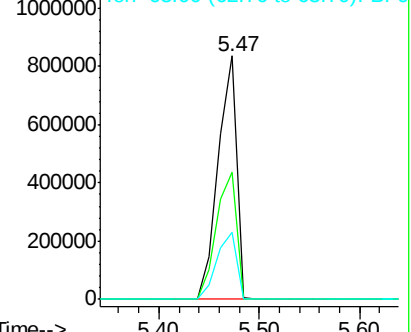
63 27.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.35 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

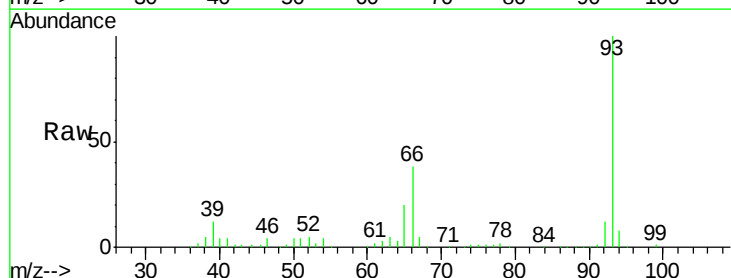
Tgt Ion: 93 Resp: 396357

Ion Ratio Lower Upper

93 100

66 38.2 29.8 44.8

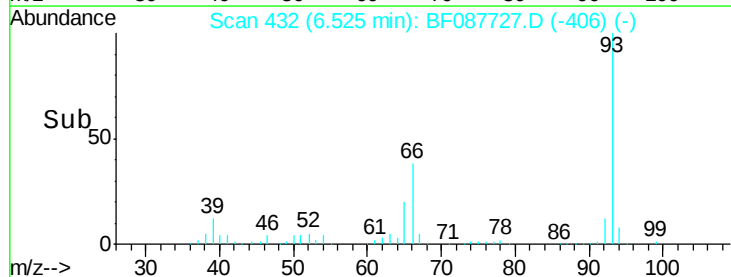
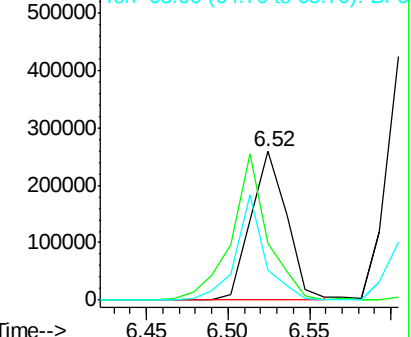
65 19.7 14.9 22.3

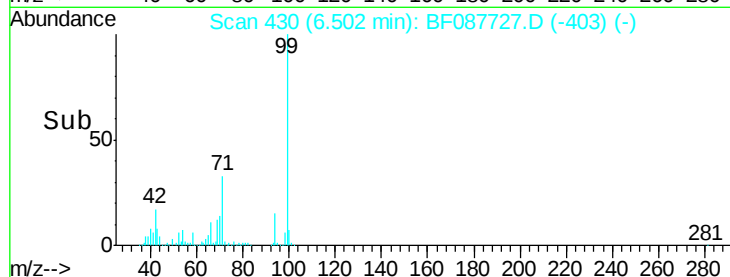
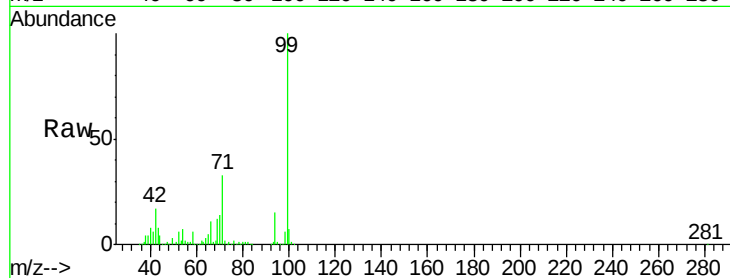
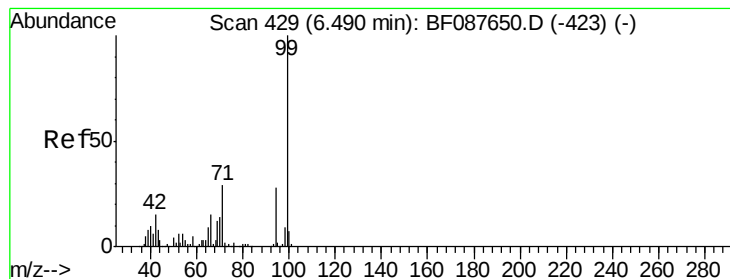


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.29 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

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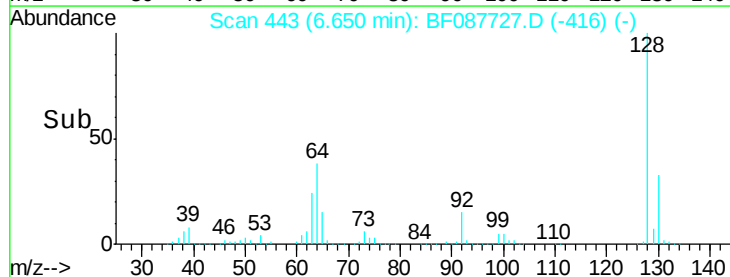
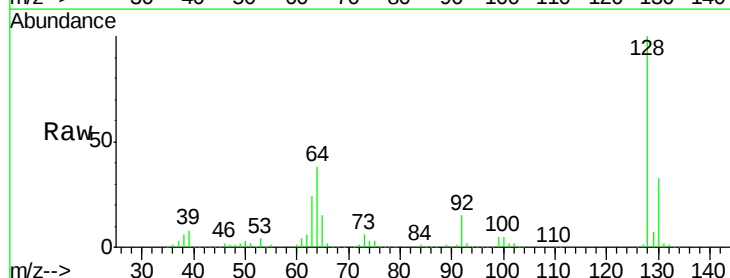
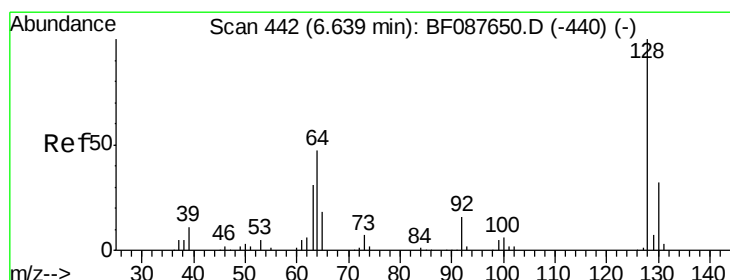
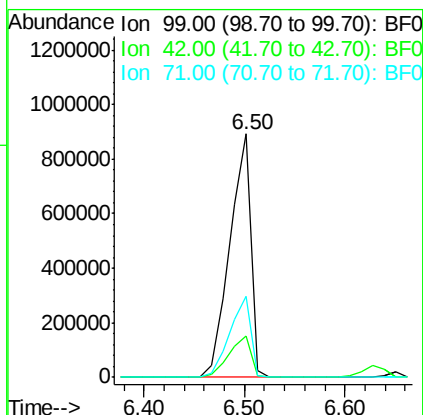
Tgt Ion: 99 Resp: 1296087

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 33.3 23.4 35.0



#8

2-Chlorophenol

Concen: 49.59 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

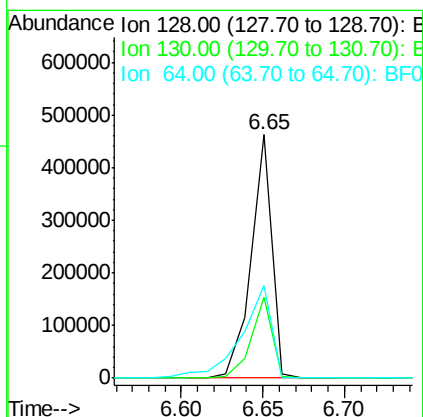
Tgt Ion: 128 Resp: 405926

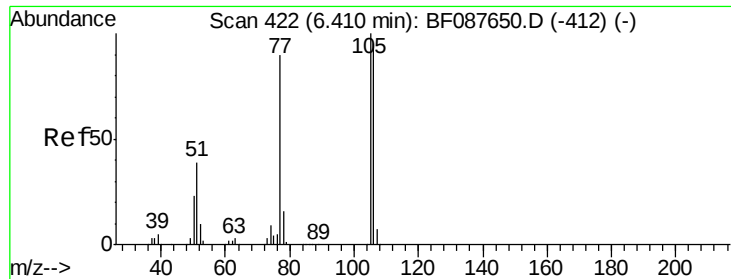
Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 38.3 30.8 70.8





#9

Benzaldehyde

Concen: 4.43 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

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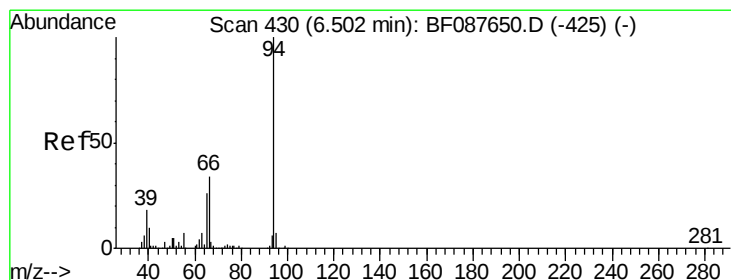
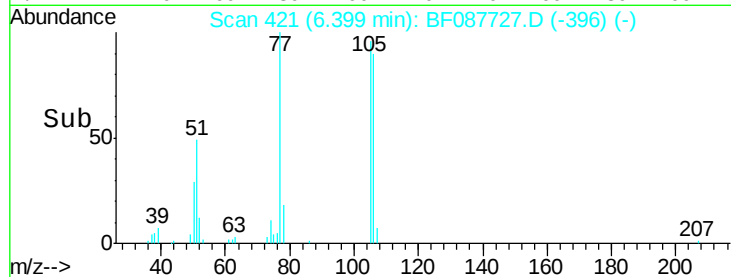
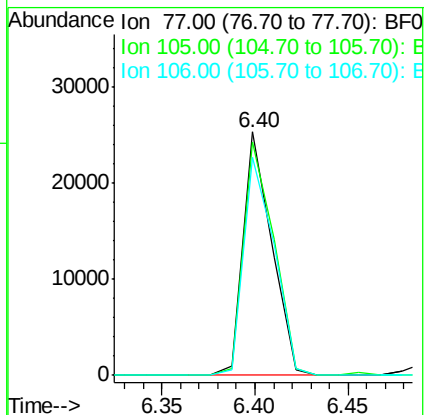
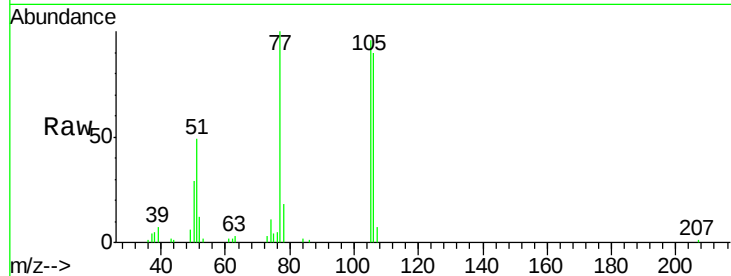
Tgt Ion: 77 Resp: 26744

Ion Ratio Lower Upper

77 100

105 95.9 90.6 130.6

106 89.7 85.3 125.3



#10

Phenol

Concen: 54.07 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

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Acq: 6 Jun 2016 00:52

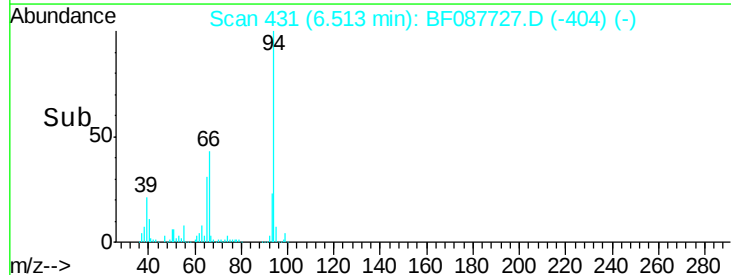
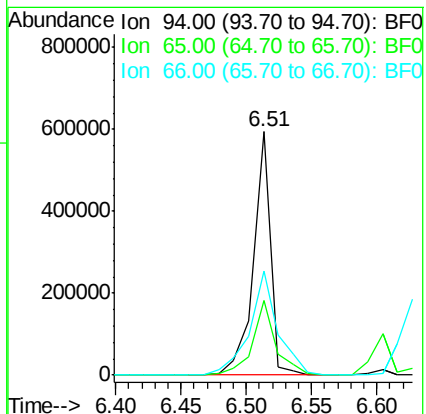
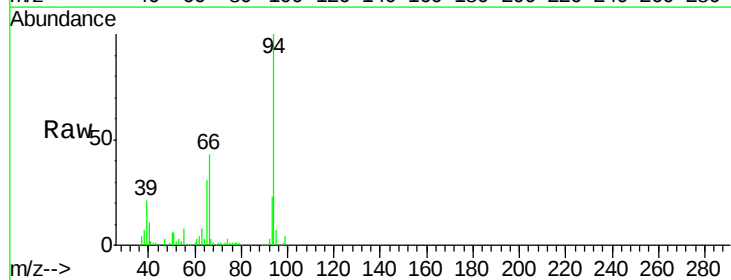
Tgt Ion: 94 Resp: 549197

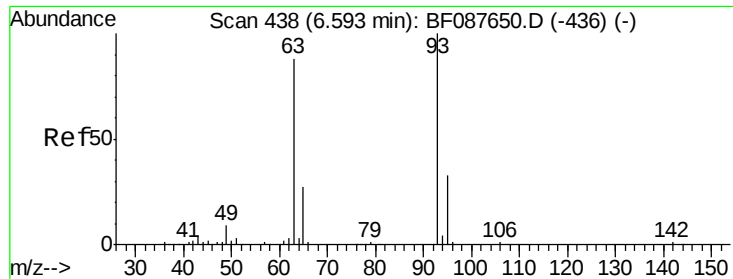
Ion Ratio Lower Upper

94 100

65 30.8 5.9 45.9

66 42.8 14.0 54.0

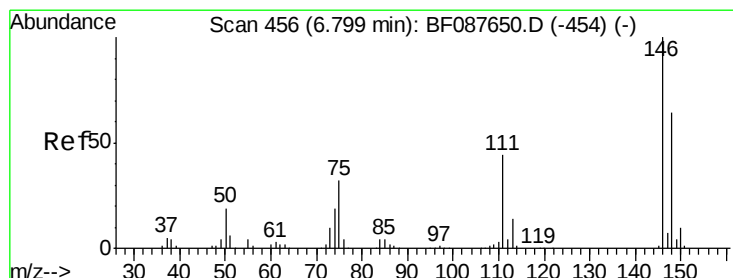
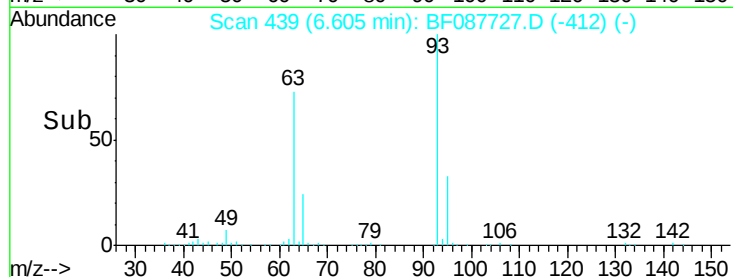
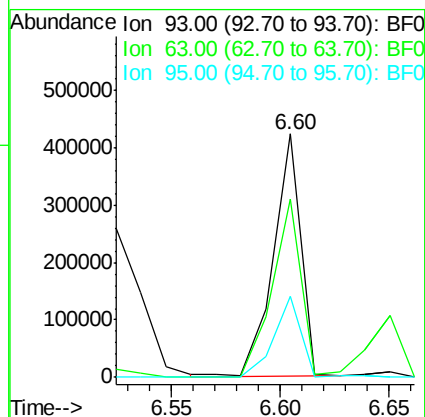
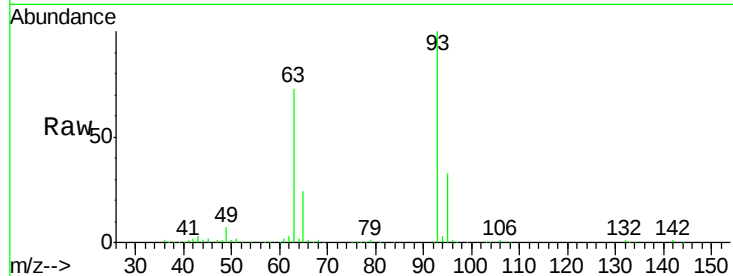




#11
 bis(2-Chloroethyl)ether
 Concen: 50.78 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

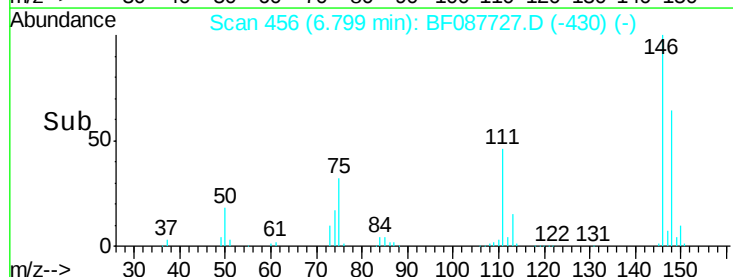
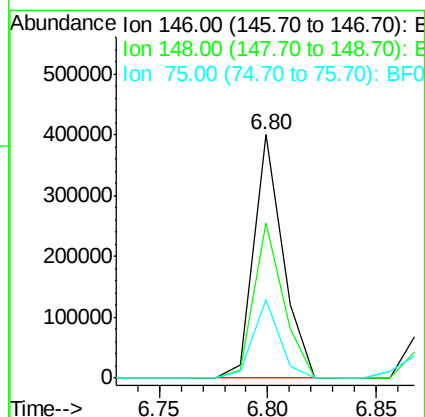
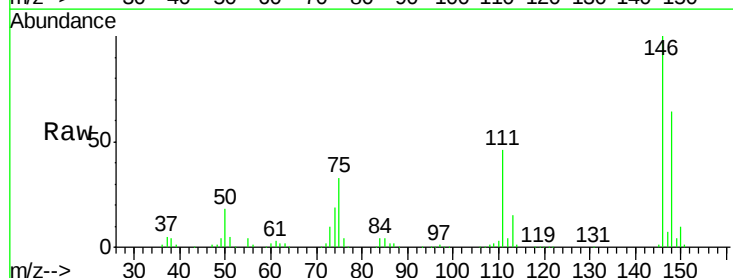
Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

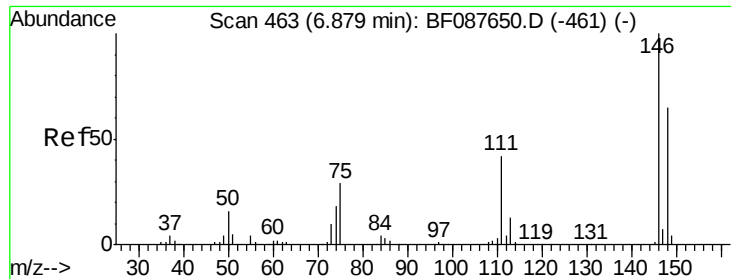
Tgt Ion: 93 Resp: 374785
 Ion Ratio Lower Upper
 93 100
 63 73.4 67.6 107.6
 95 33.2 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 42.66 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion: 146 Resp: 373859
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.9 76.3
 75 32.5 25.6 38.4

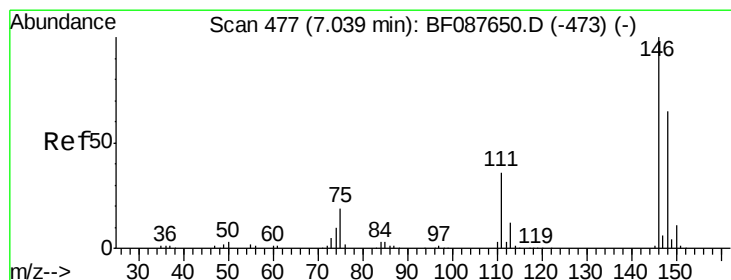
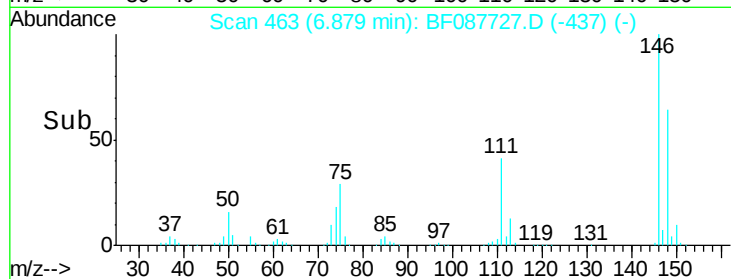
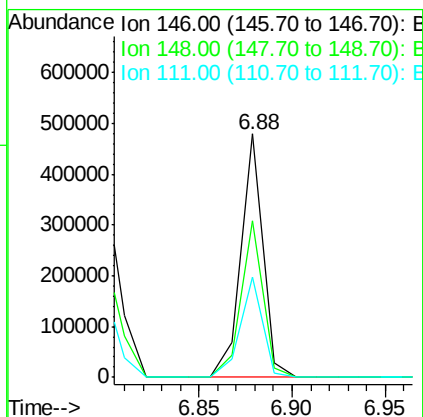
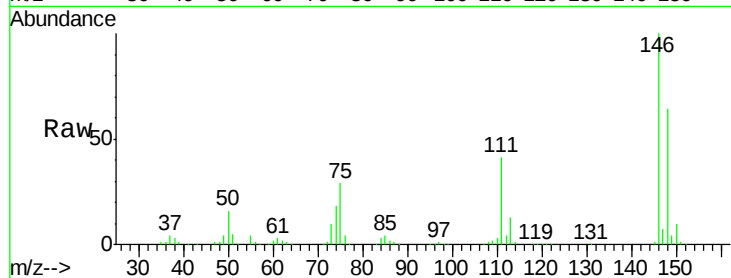




#13
 1,4-Dichlorobenzene
 Concen: 44.99 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

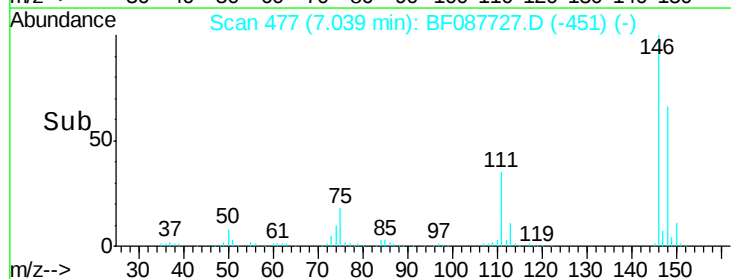
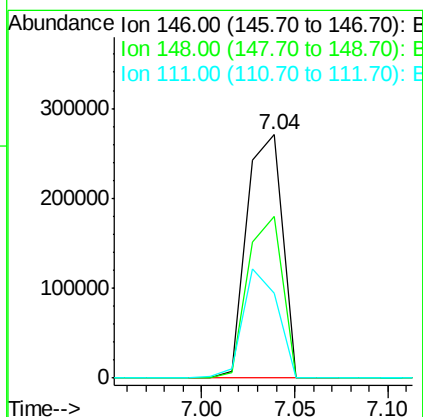
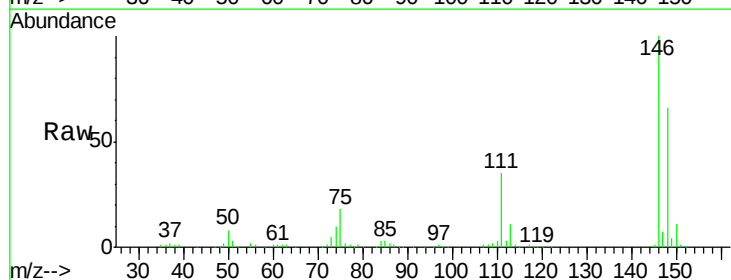
Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

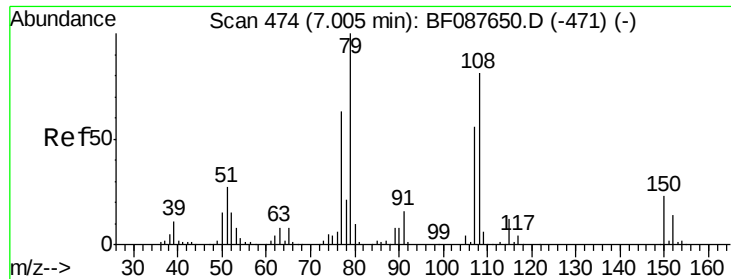
Tgt Ion:146 Resp: 395592
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 41.2 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 43.38 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:146 Resp: 357654
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.3 78.5
 111 34.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 45.04 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

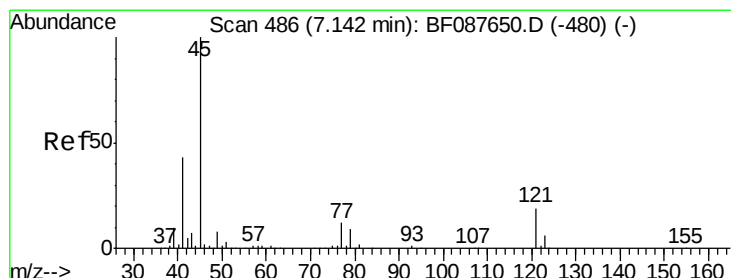
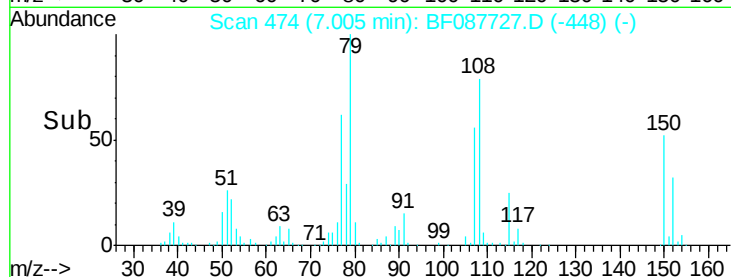
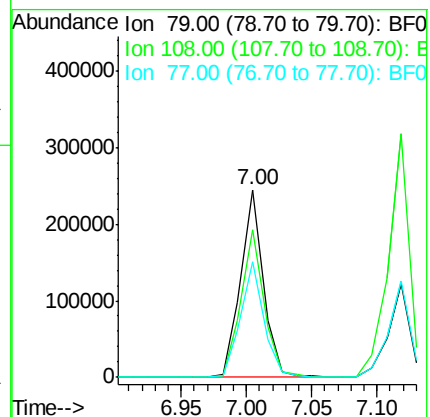
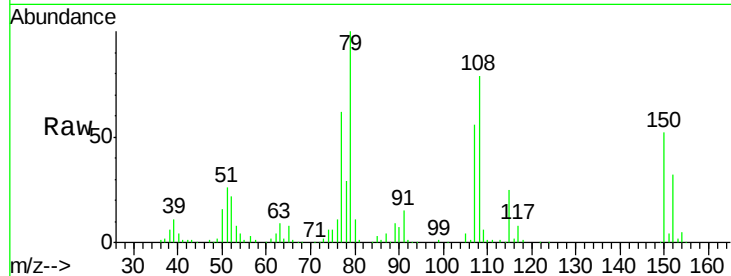
Tgt Ion: 79 Resp: 296875

Ion Ratio Lower Upper

79 100

108 79.0 65.0 97.6

77 61.9 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.26 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

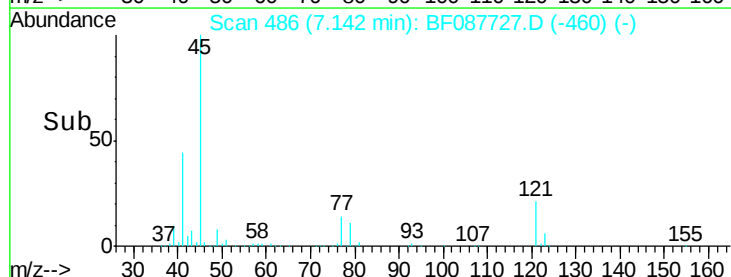
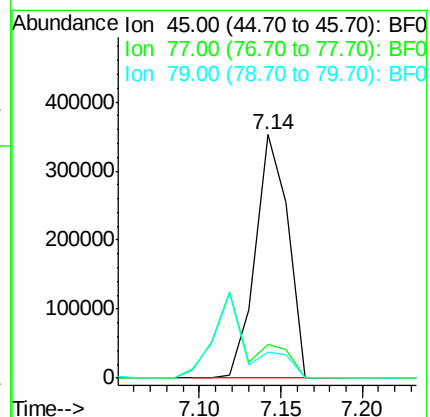
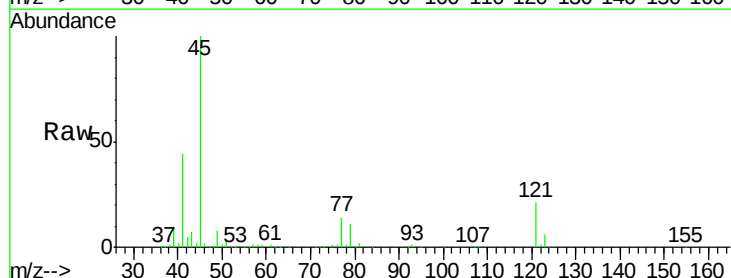
Tgt Ion: 45 Resp: 487182

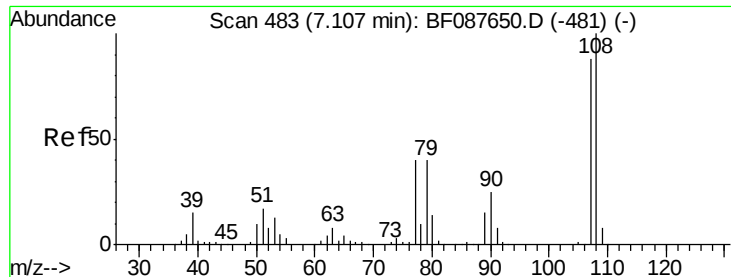
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.5

79 10.7 0.0 29.5

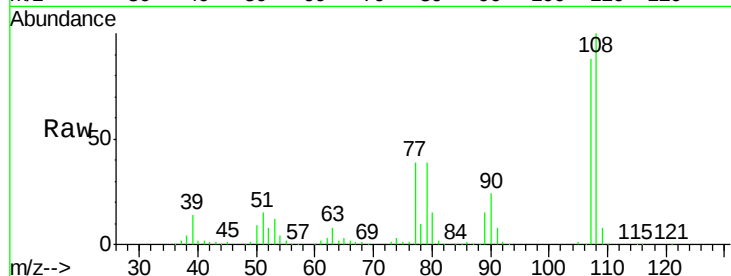




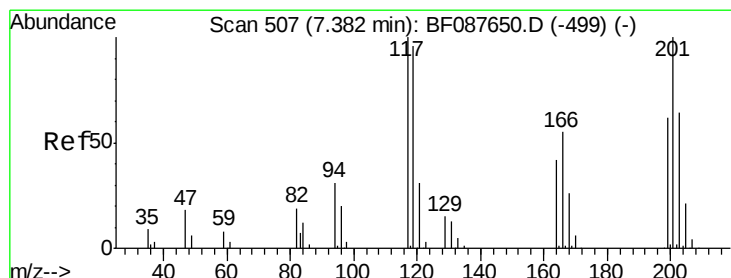
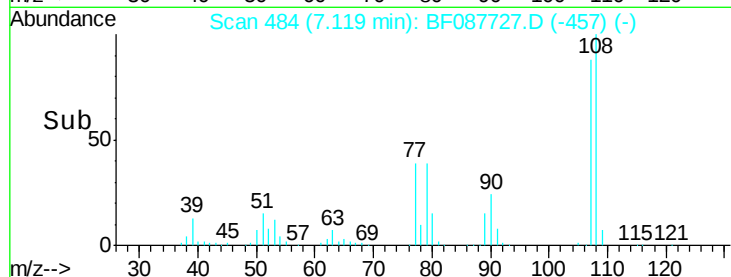
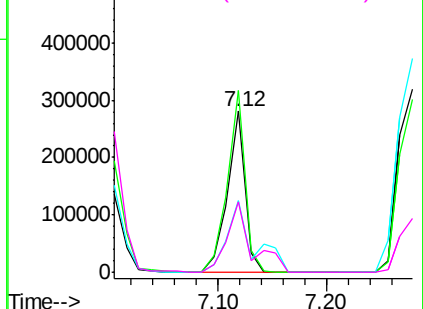
#17
2-Methylphenol
Concen: 47.83 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:107 Resp: 314352
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 44.6 36.6 55.0
79 43.8 36.5 54.7

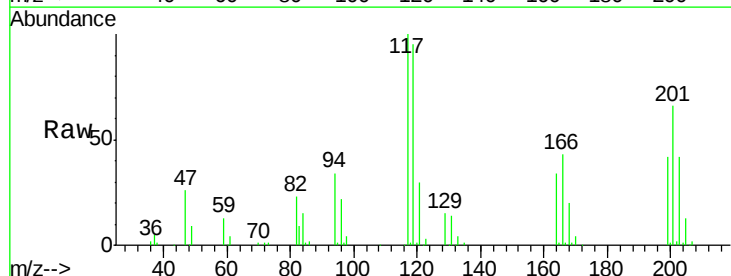


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

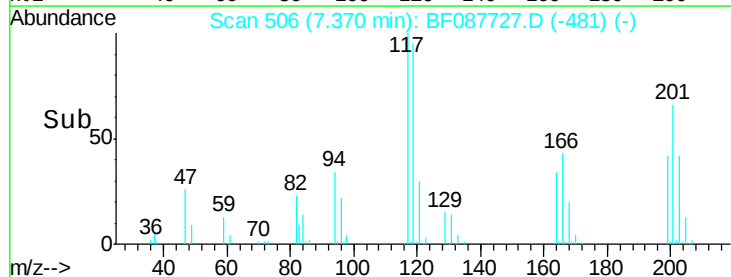
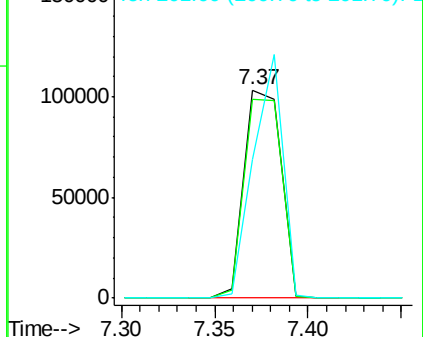


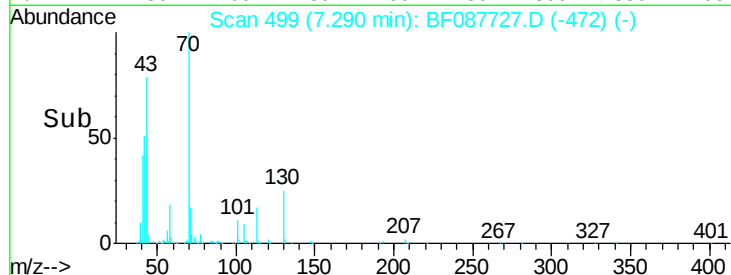
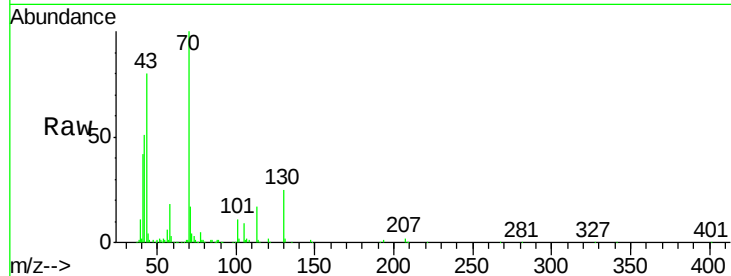
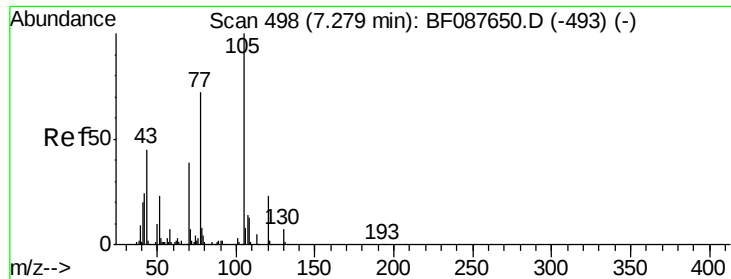
#18
Hexachloroethane
Concen: 46.16 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:117 Resp: 141939
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2
201 66.4 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

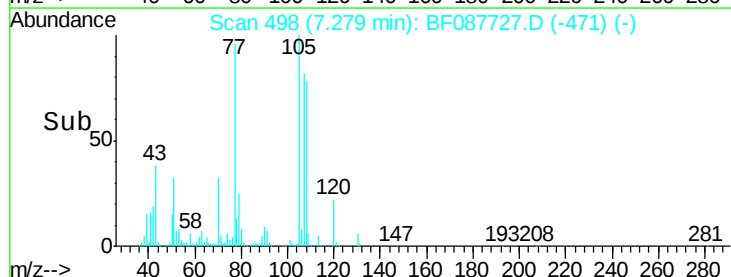
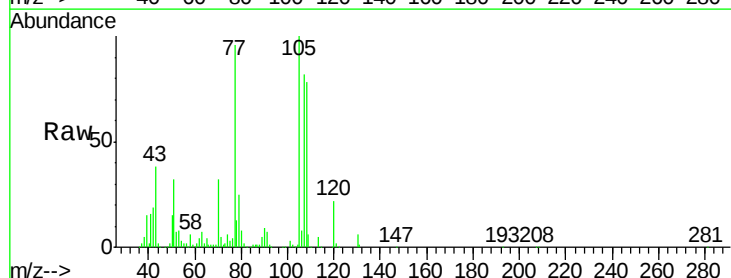
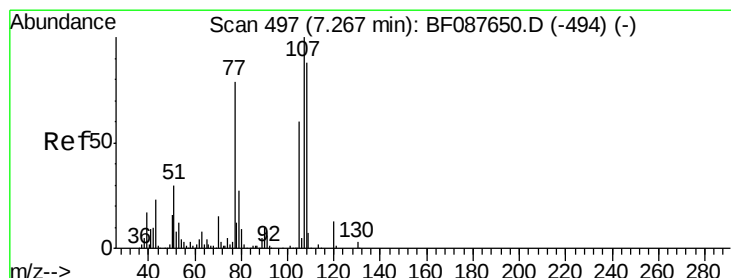
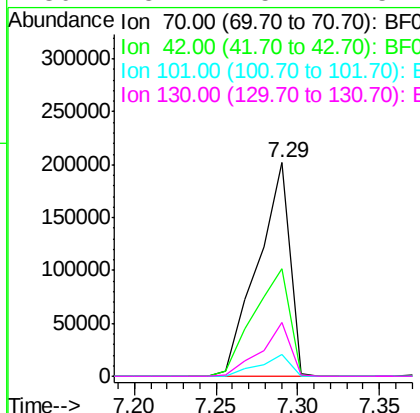




#19
n-Nitroso-di-n-propylamine
Concen: 49.66 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

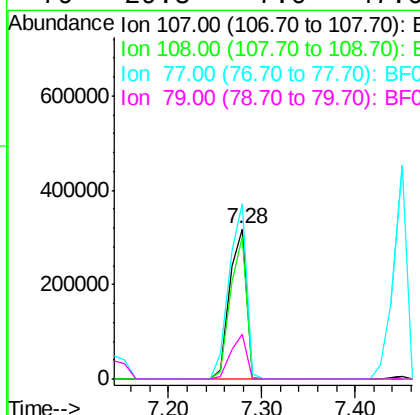
Instrument :
BNA_F
ClientSampleId :
SB-7MSD

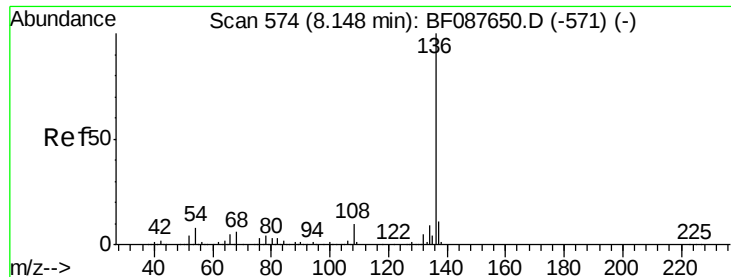
Tgt Ion: 70 Resp: 276677
Ion Ratio Lower Upper
70 100
42 50.6 49.6 74.4
101 10.5 7.1 10.7
130 25.1 15.4 23.2#



#20
3+4-Methylphenols
Concen: 49.82 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion: 107 Resp: 401135
Ion Ratio Lower Upper
107 100
108 94.5 67.8 107.8
77 117.1 59.3 99.3#
79 29.8 7.0 47.0

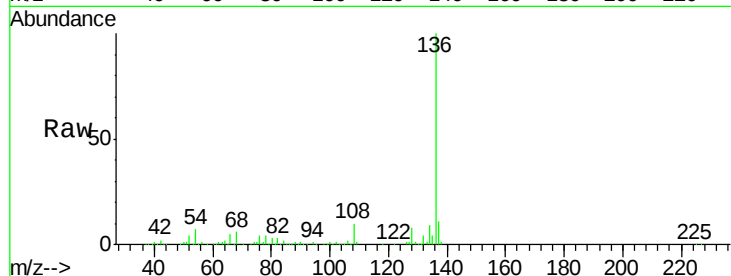




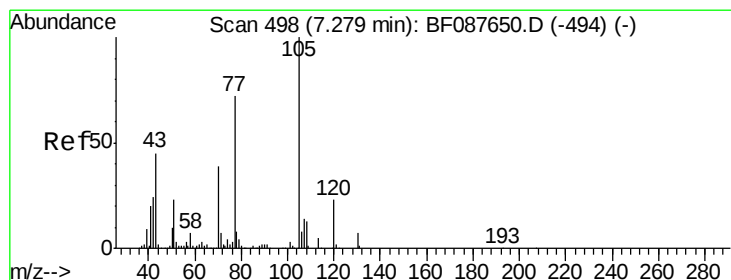
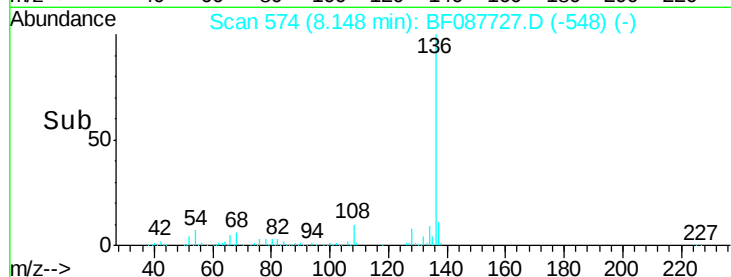
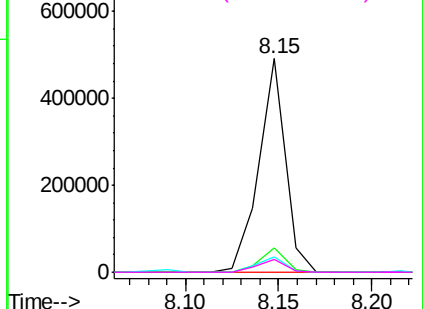
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:	136	Resp:	482921
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.4	6.6	10.0
68	5.9	5.1	7.7

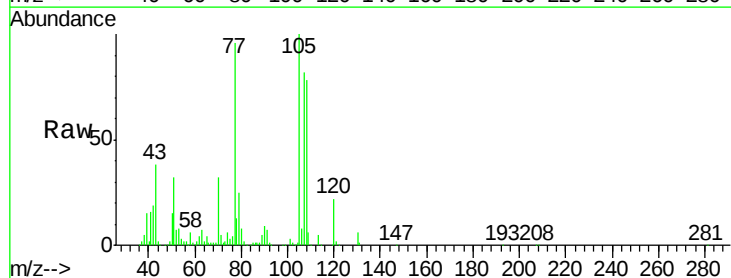


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

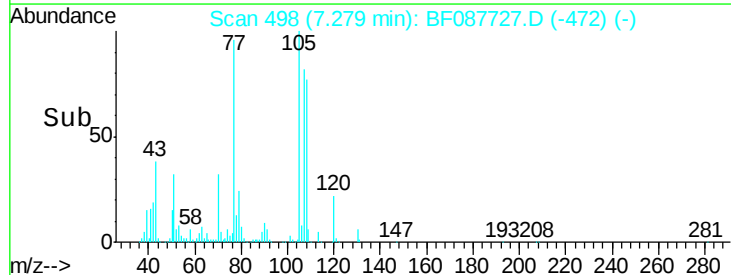
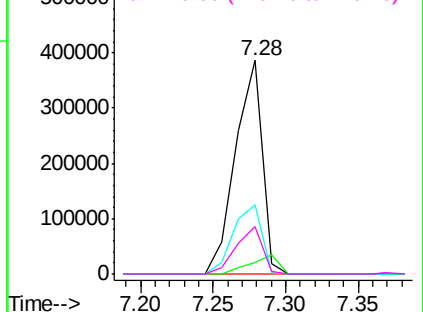


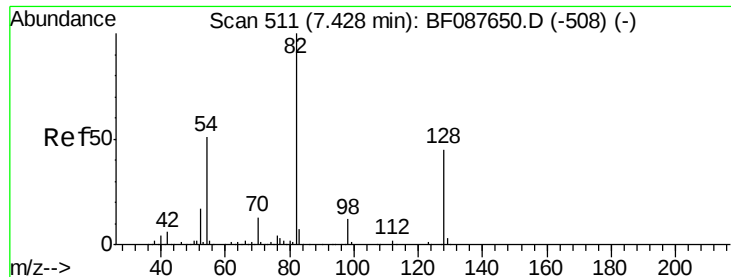
#22
Acetophenone
Concen: 45.25 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:	105	Resp:	494979
Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.3	7.9#
51	32.4	18.2	27.4#
120	22.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

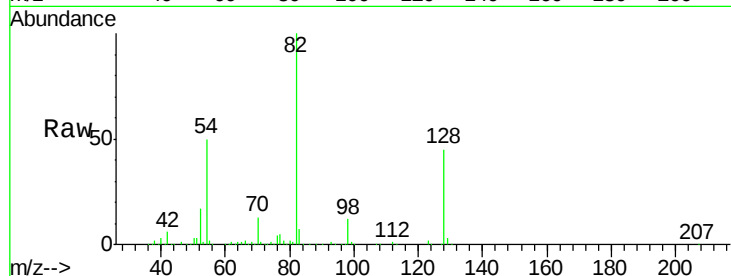




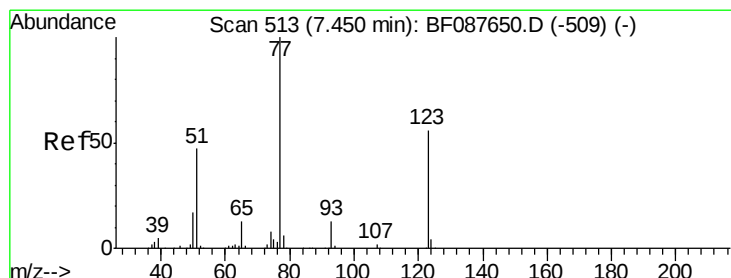
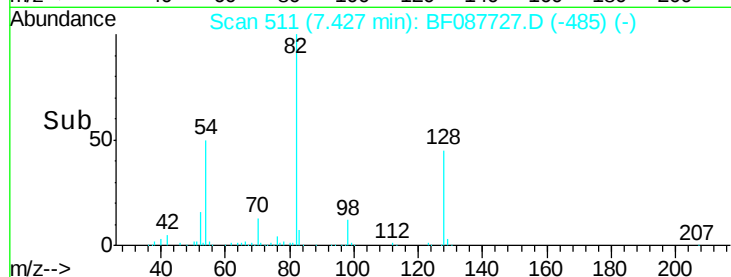
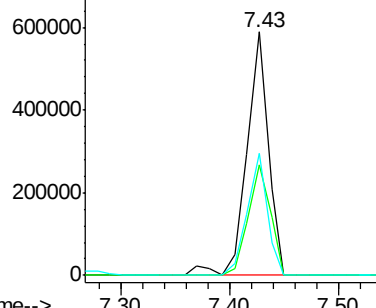
#23
Nitrobenzene-d5
Concen: 97.17 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.9	53.9
54	49.9	40.9	61.3

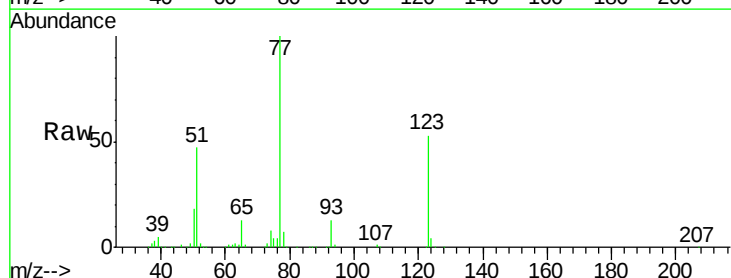


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

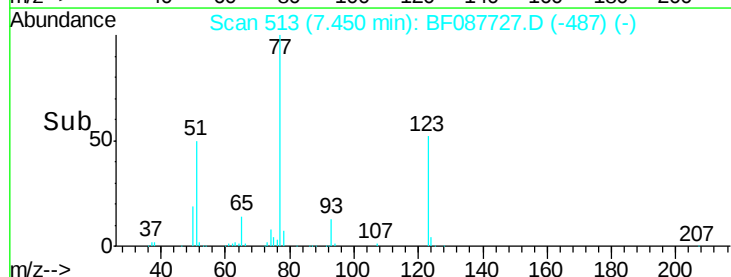
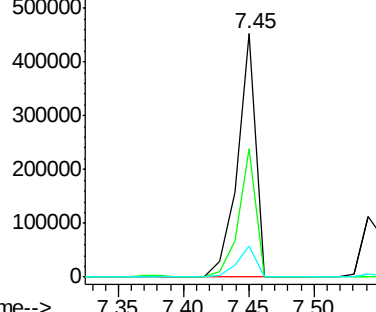


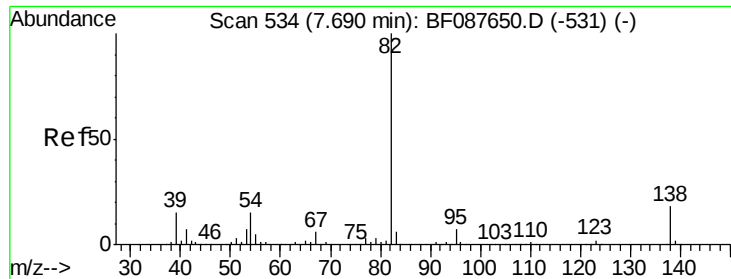
#24
Nitrobenzene
Concen: 52.98 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.7	45.0	67.4
65	12.9	10.2	15.2



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





#25

Isophorone

Concen: 47.71 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

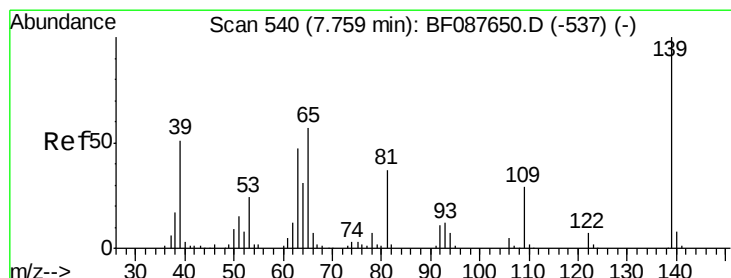
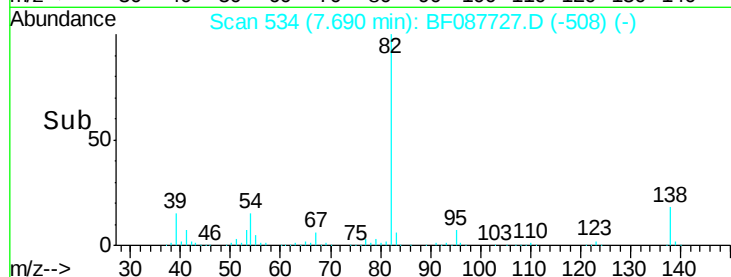
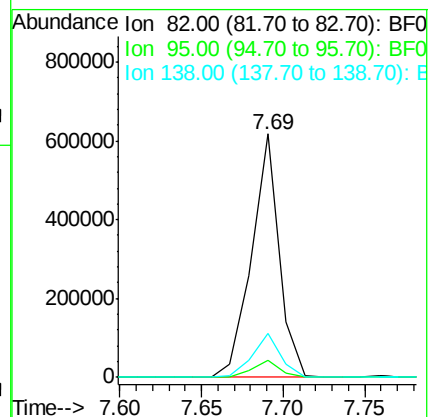
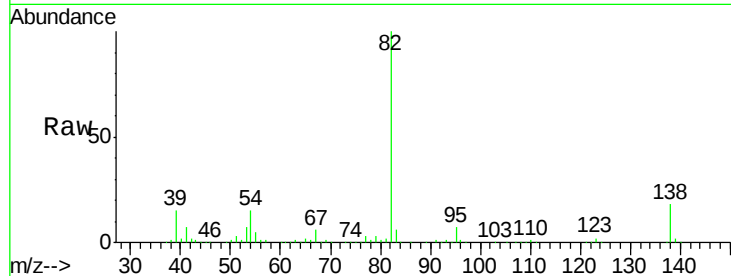
Tgt Ion: 82 Resp: 724978

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.2 14.6 21.8



#26

2-Nitrophenol

Concen: 51.94 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

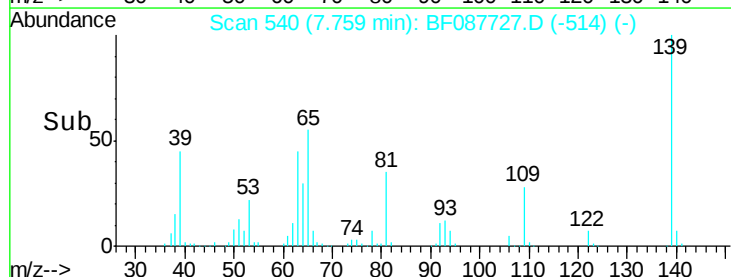
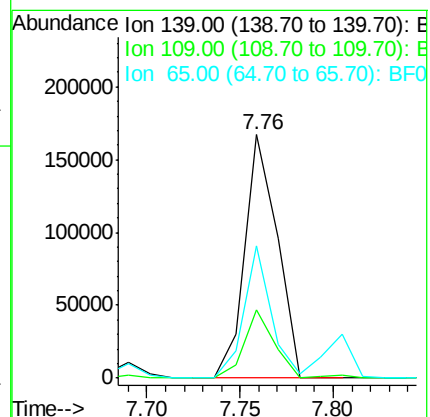
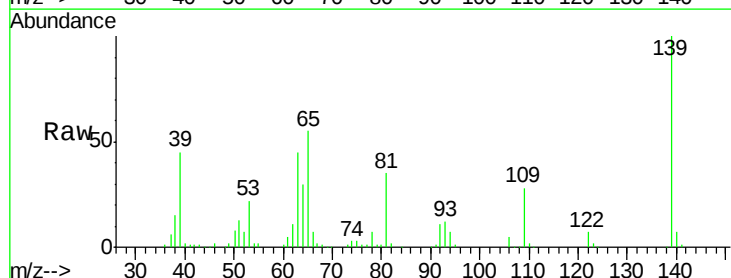
Tgt Ion: 139 Resp: 201610

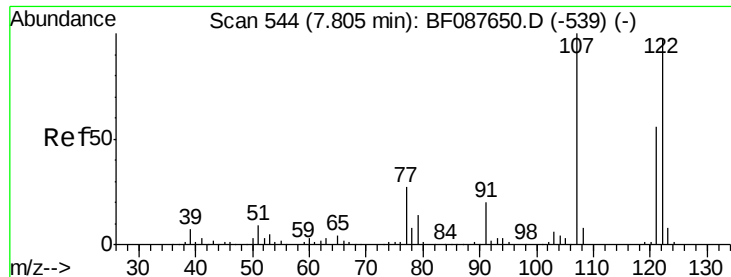
Ion Ratio Lower Upper

139 100

109 28.1 23.0 34.4

65 54.5 45.8 68.8

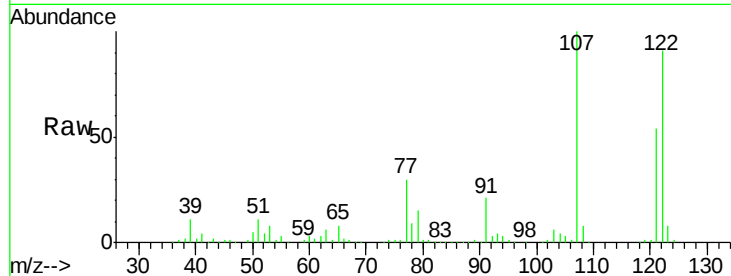




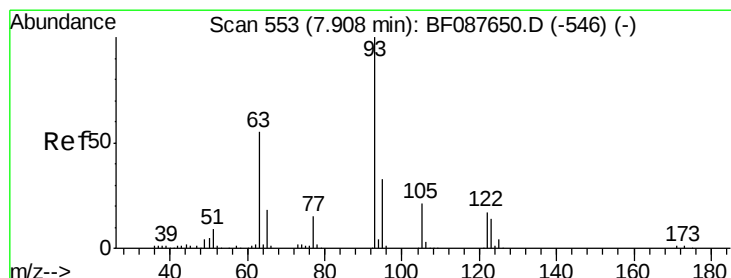
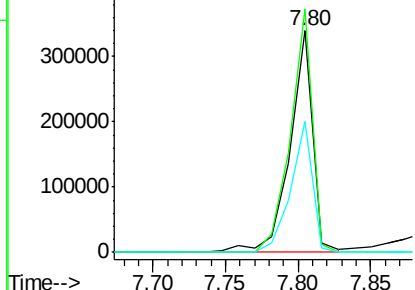
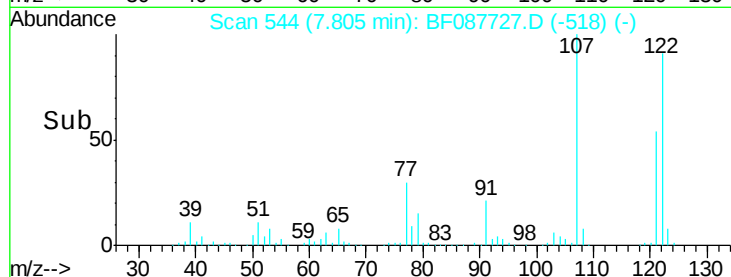
#27
2,4-Dimethylphenol
Concen: 45.75 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:122 Resp: 368045
Ion Ratio Lower Upper
122 100
107 109.9 82.4 123.6
121 59.3 46.3 69.5

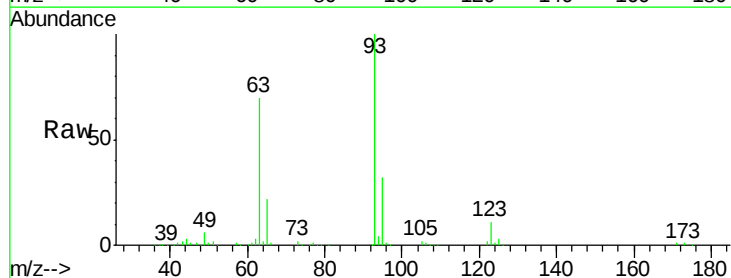


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

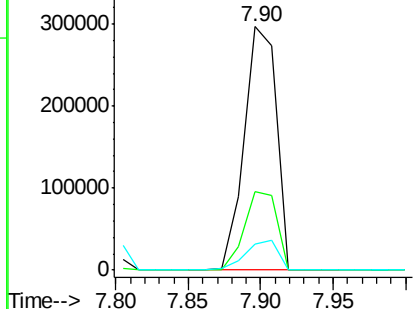
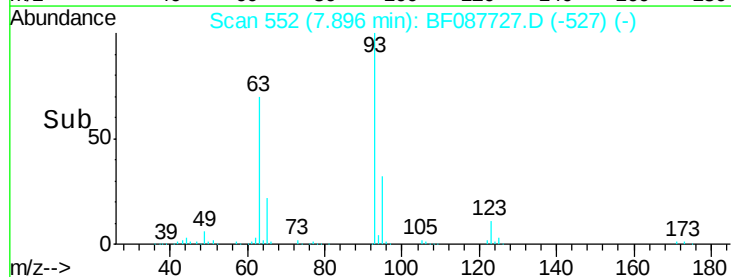


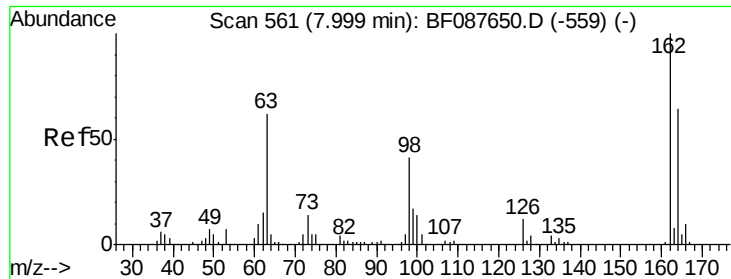
#28
bis(2-Chloroethoxy)methane
Concen: 47.17 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion: 93 Resp: 454693
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.8 11.6 17.4#



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

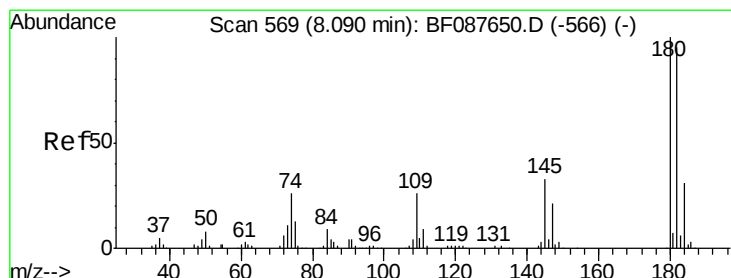
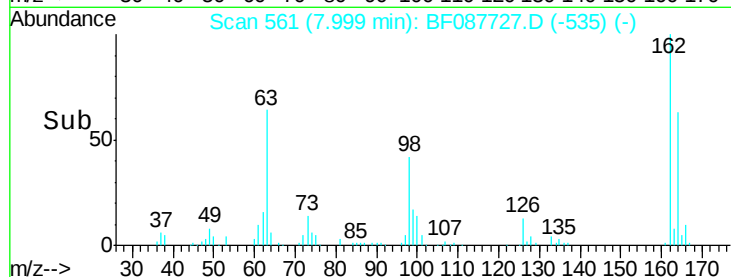
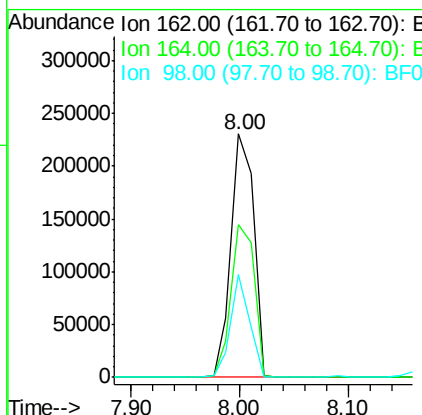
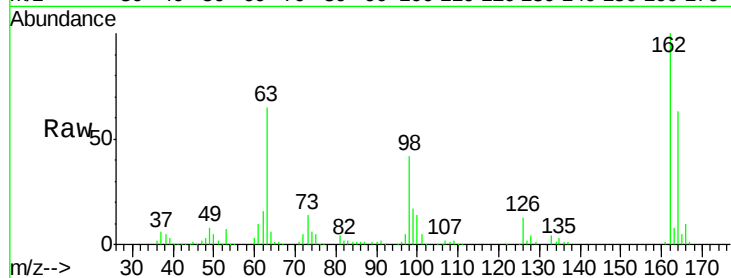




#29
2,4-Dichlorophenol
Concen: 50.45 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

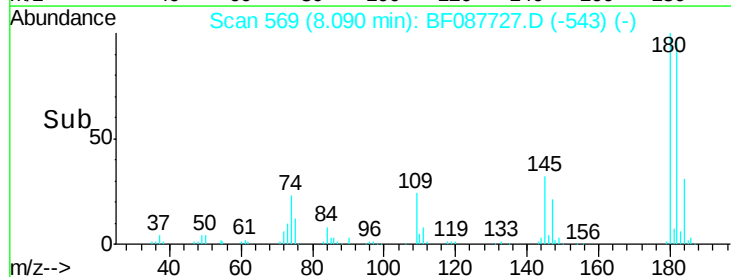
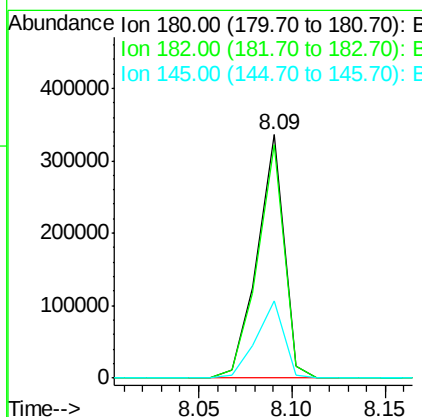
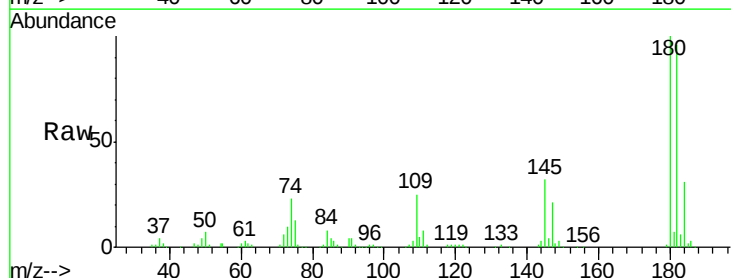
Instrument :
BNA_F
ClientSampleId :
SB-7MSD

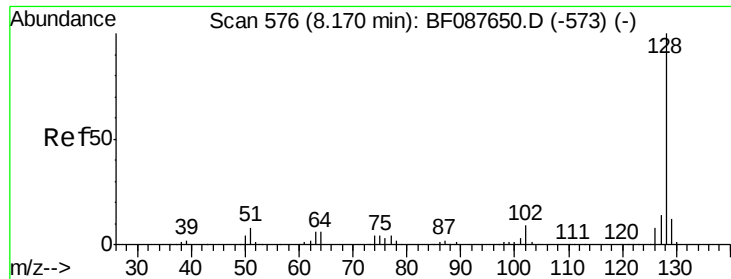
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.8	83.8
98	42.0	21.3	61.3



#30
1,2,4-Trichlorobenzene
Concen: 48.37 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	31.9	26.5	39.7

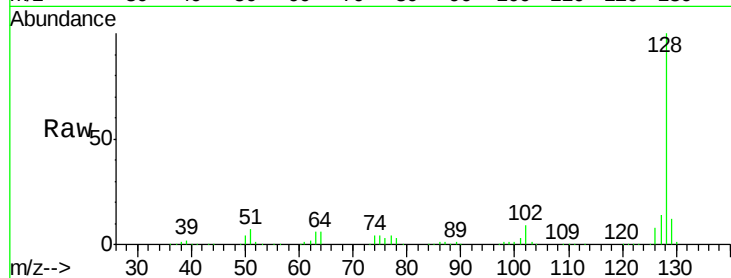




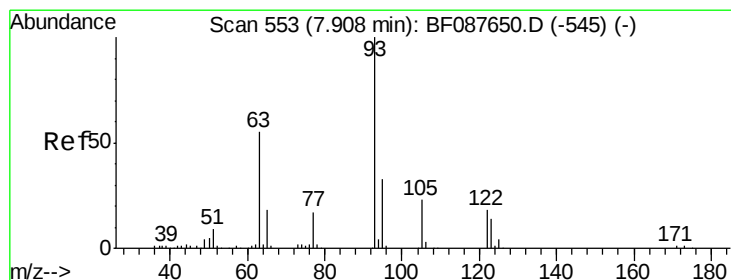
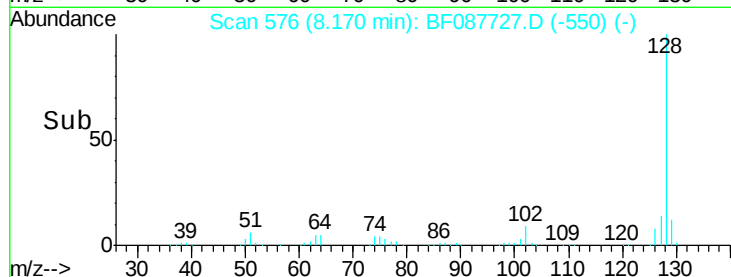
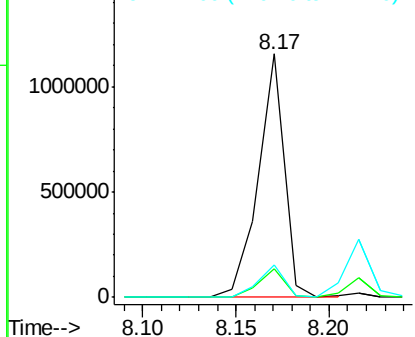
#31
Naphthalene
Concen: 47.32 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:128 Resp: 1111137
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.6 10.9 16.3

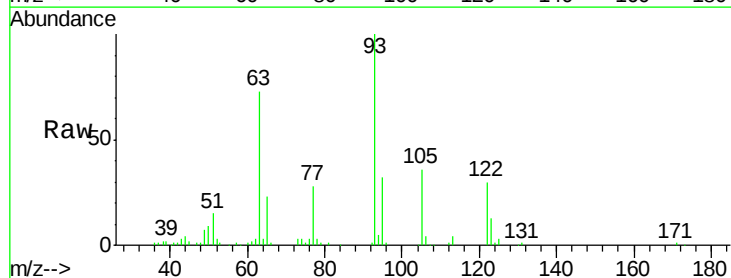


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

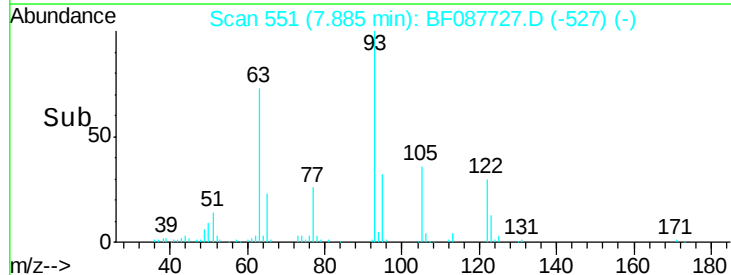
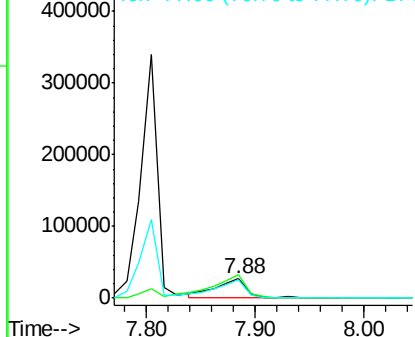


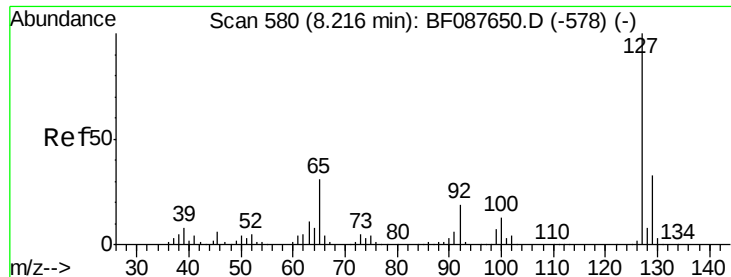
#32
Benzoic acid
Concen: 11.35 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:122 Resp: 55072
Ion Ratio Lower Upper
122 100
105 119.8 101.6 141.6
77 91.4 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

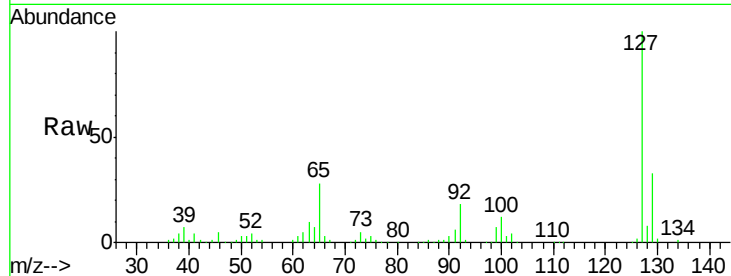




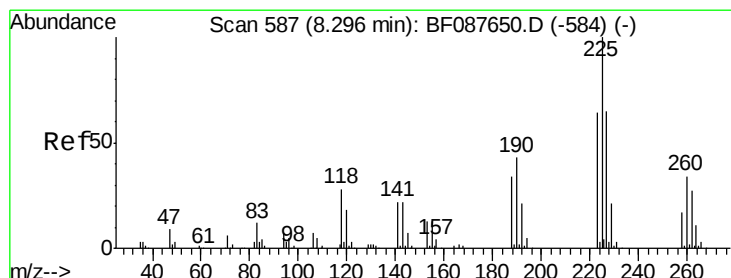
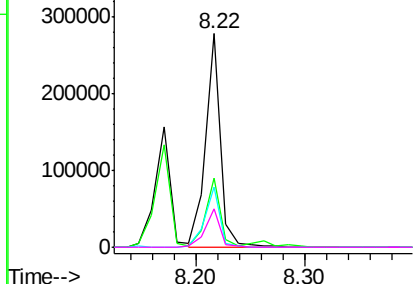
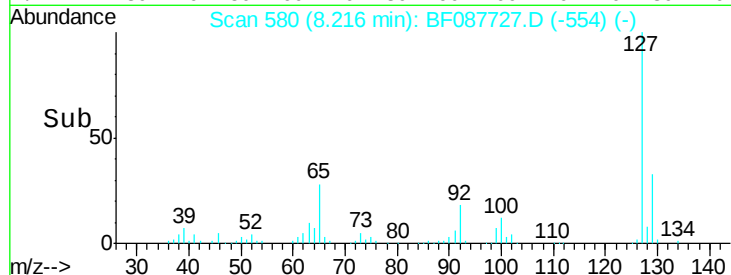
#33
4-Chloroaniline
Concen: 26.12 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:	127	Resp:	266452
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.3	24.7	37.1
92	18.0	15.4	23.0

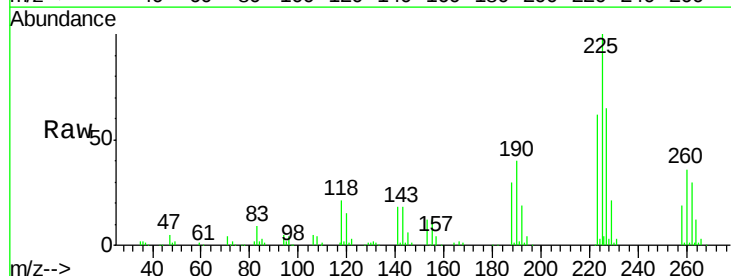


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

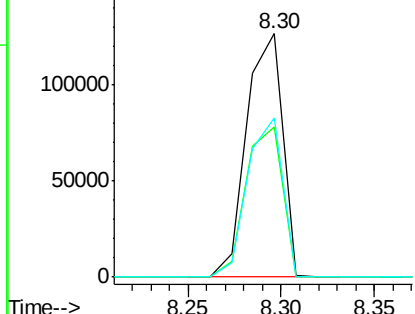
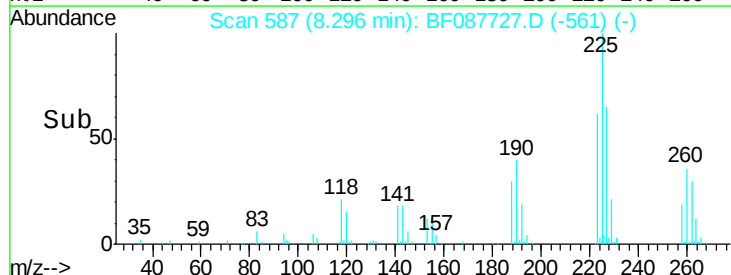


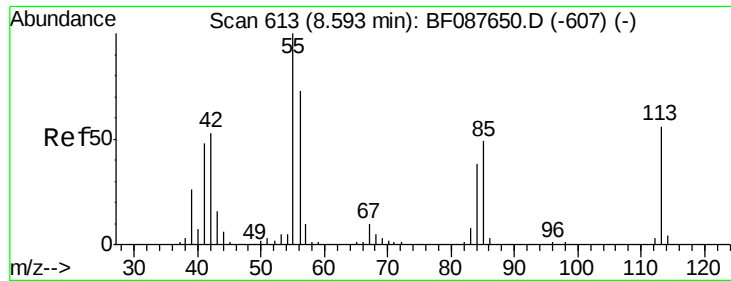
#34
Hexachlorobutadiene
Concen: 46.76 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:	225	Resp:	168182
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	65.3	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

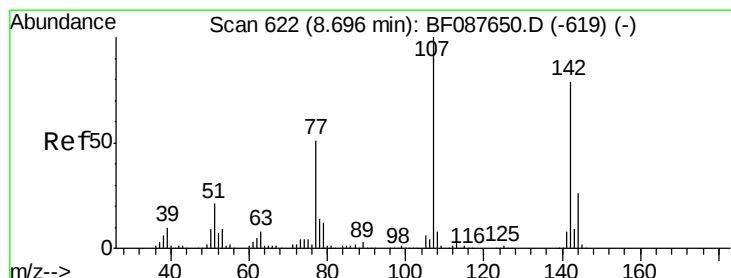
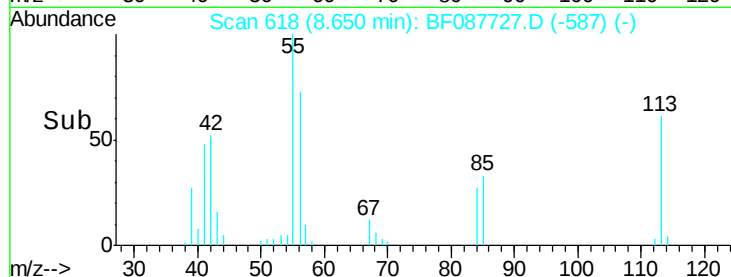
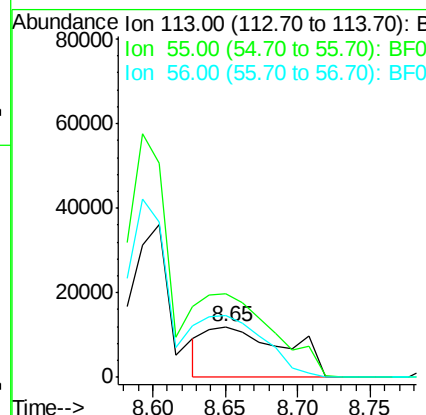
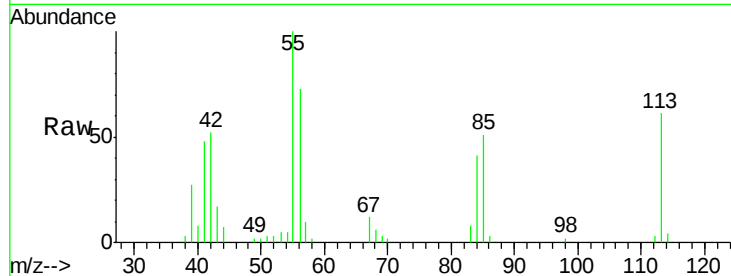




#35
 Caprolactam
 Concen: 20.78 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.06 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

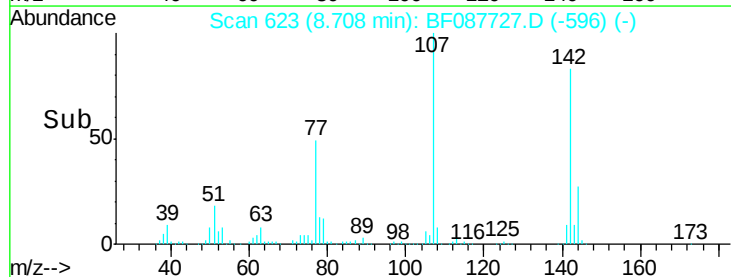
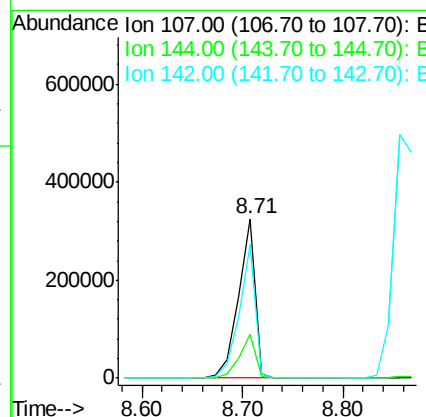
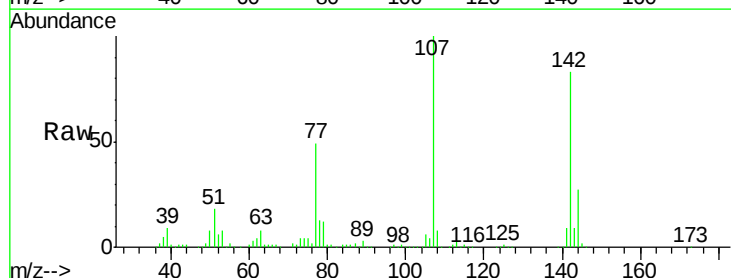
Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

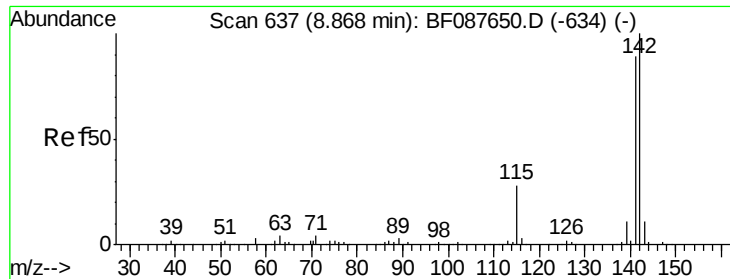
Tgt Ion:113 Resp: 45093
 Ion Ratio Lower Upper
 113 100
 55 165.2 158.6 198.6
 56 120.7 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 55.07 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:107 Resp: 376351
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.8 31.2
 142 83.4 63.4 95.2

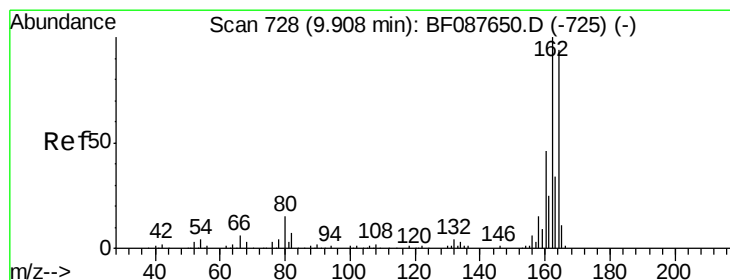
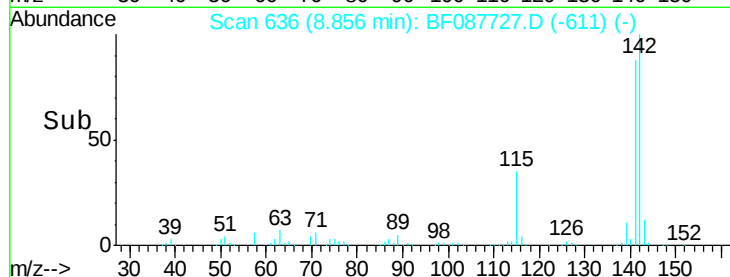
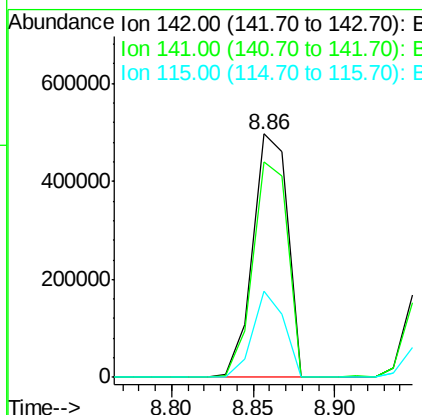
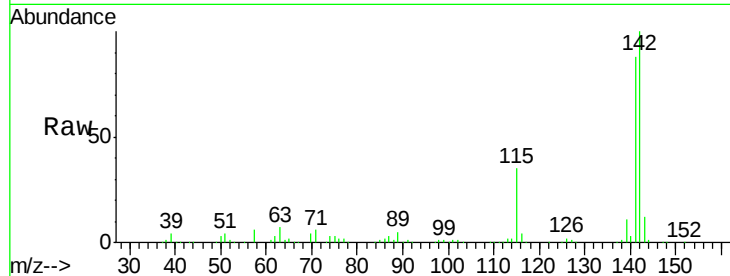




#37
 2-Methylnaphthalene
 Concen: 47.38 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

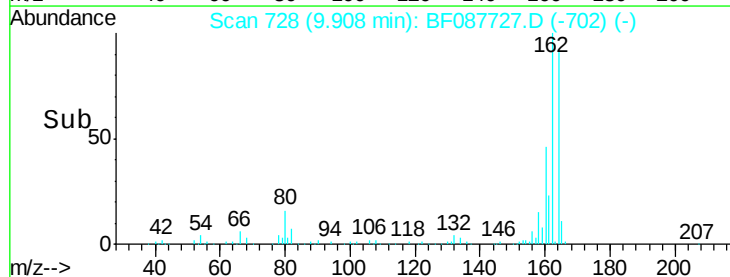
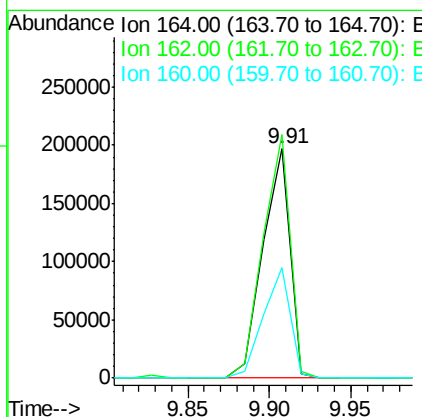
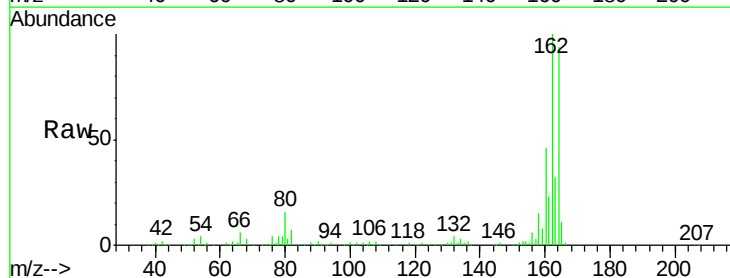
Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

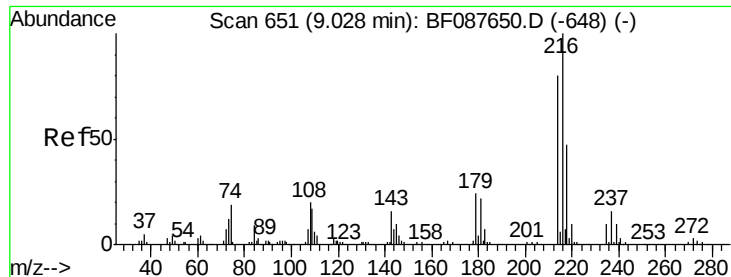
Tgt Ion:142 Resp: 734576
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 35.4 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:164 Resp: 228174
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.4 128.2
 160 48.4 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.89 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

Tgt Ion:216 Resp: 288592

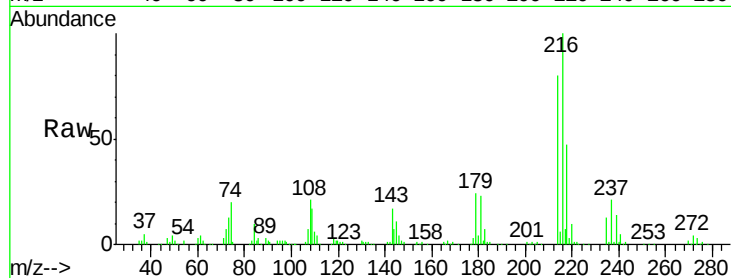
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 23.1 0.0 0.0#

108 24.3 0.5 0.7#

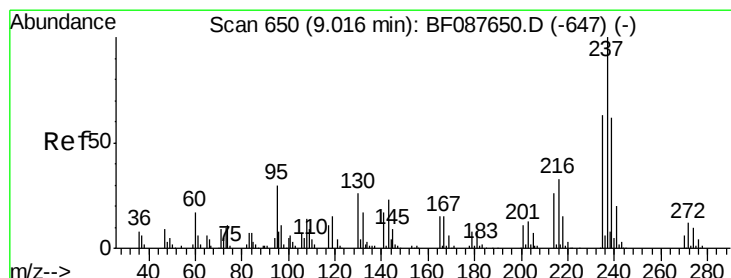
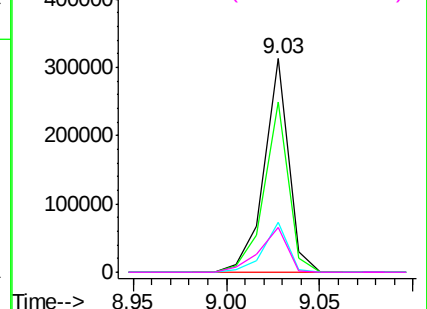
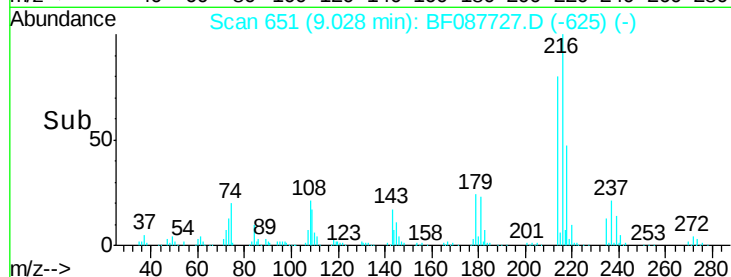


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.31 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

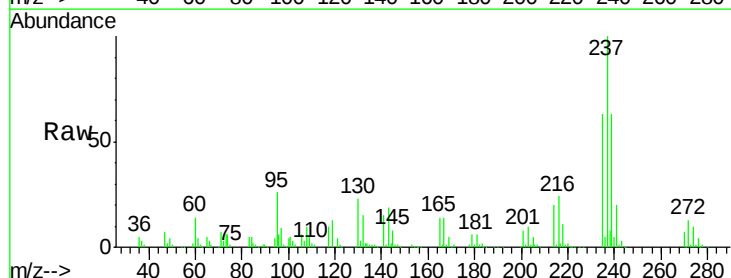
Tgt Ion:237 Resp: 289651

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

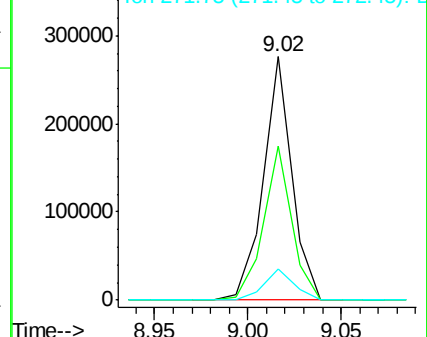
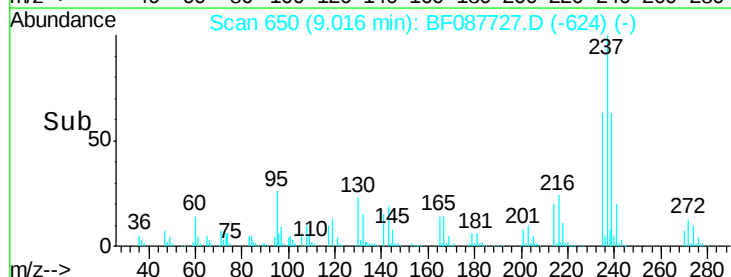
272 12.8 0.0 32.3

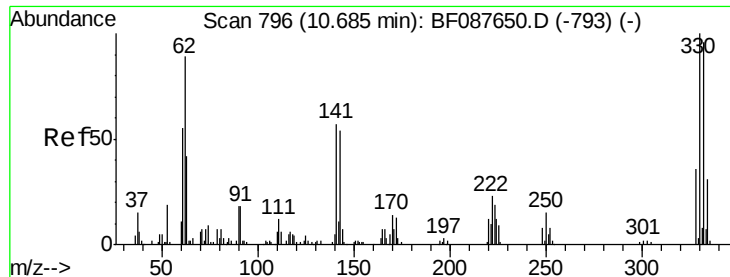


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

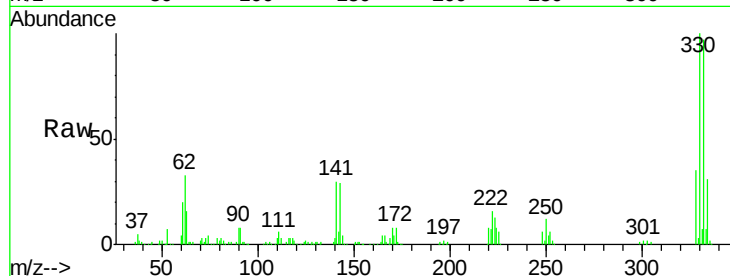




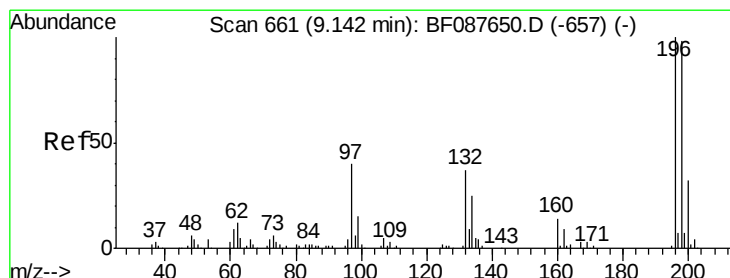
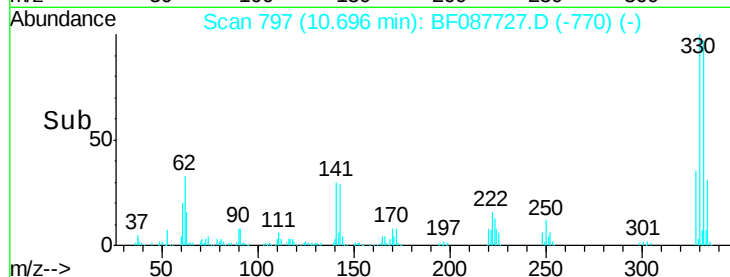
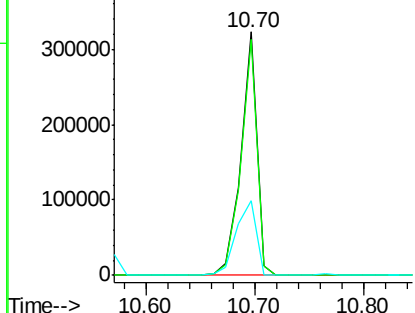
#41
 2,4,6-Tribromophenol
 Concen: 141.28 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion:330 Resp: 323599
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 38.4 0.0 0.0#

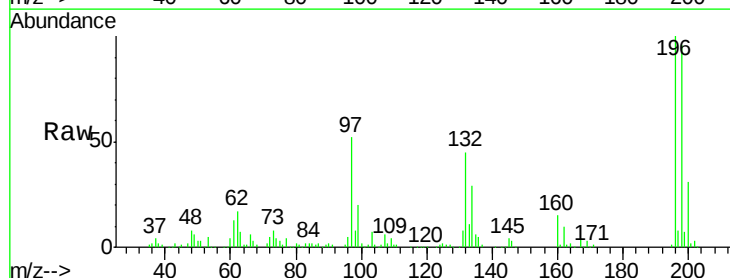


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

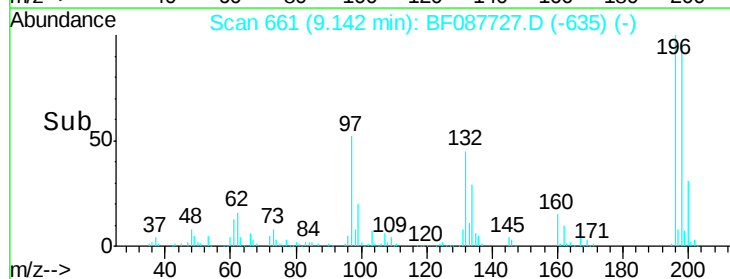
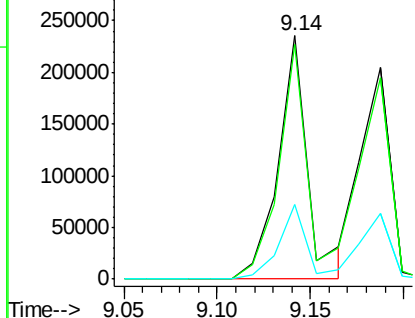


#42
 2,4,6-Trichlorophenol
 Concen: 54.89 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:196 Resp: 260662
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.0 117.0
 200 30.7 25.4 38.2



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

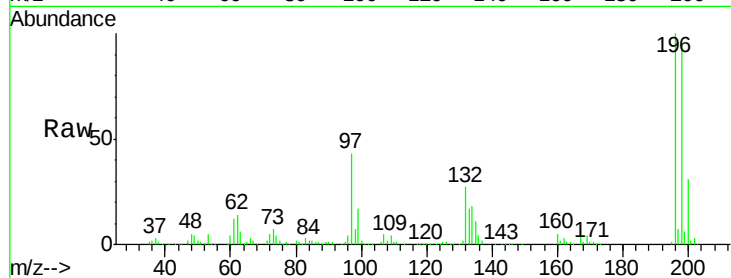




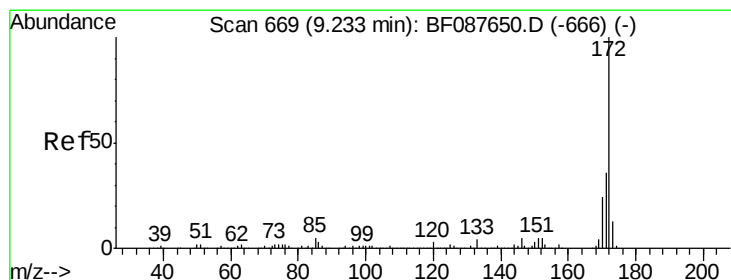
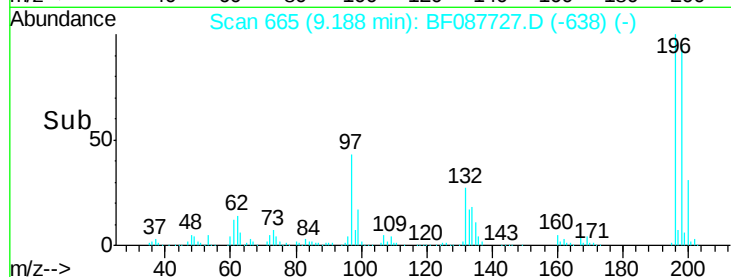
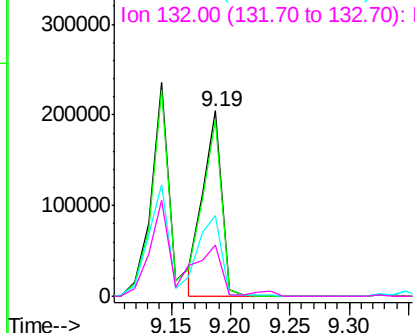
#43
 2,4,5-Trichlorophenol
 Concen: 50.89 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion:196 Resp: 224902
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.5 116.3
 97 43.5 32.0 48.0
 132 27.4 20.9 31.3

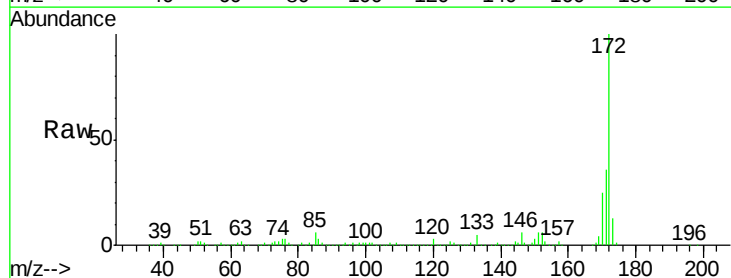


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

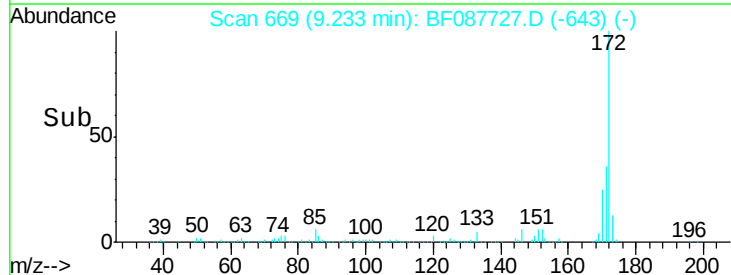
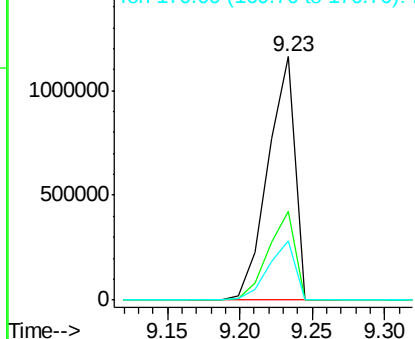


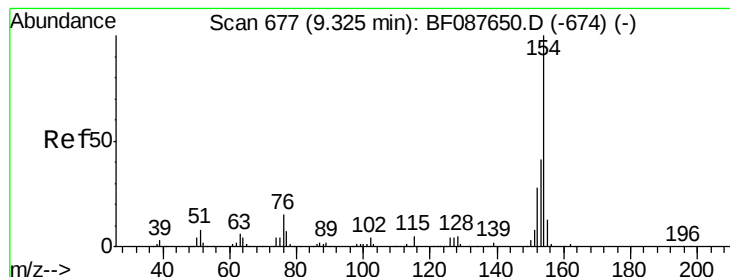
#44
 2-Fluorobiphenyl
 Concen: 113.11 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:172 Resp: 1500038
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.6 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: 42.70 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

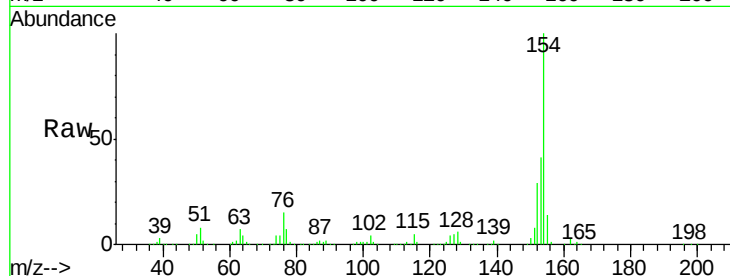
Tgt Ion:154 Resp: 790730

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

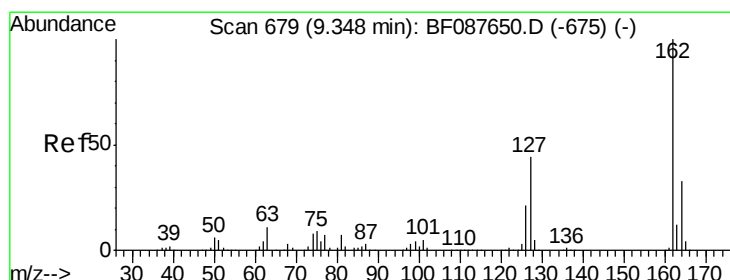
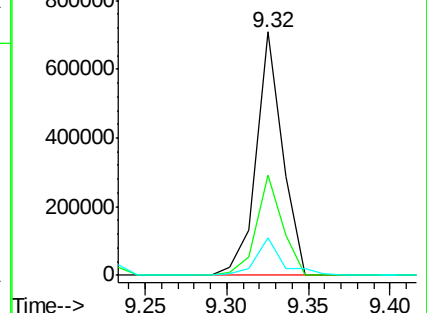
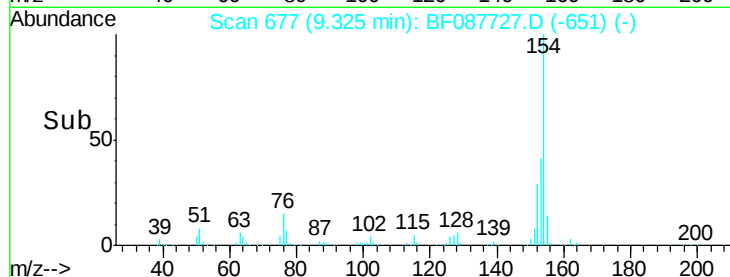
76 15.3 0.0 35.1



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: 44.80 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

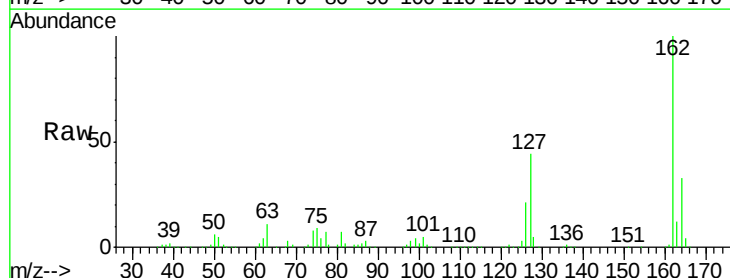
Tgt Ion:162 Resp: 660421

Ion Ratio Lower Upper

162 100

127 44.3 35.2 52.8

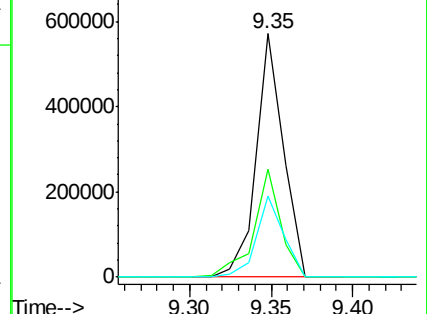
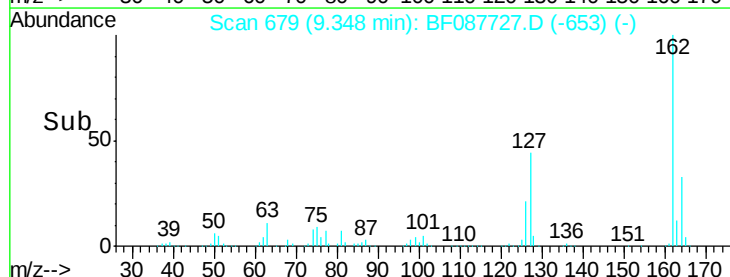
164 33.2 26.6 39.8

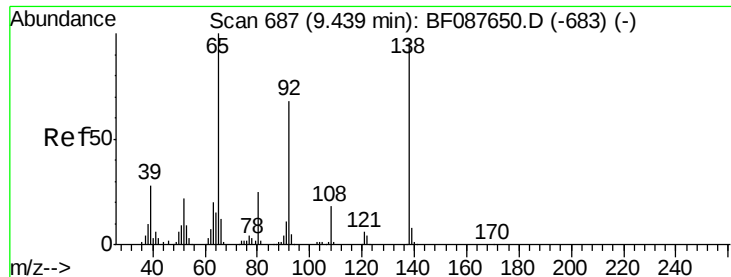


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.21 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

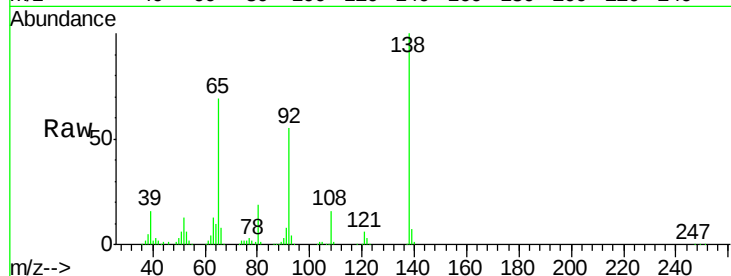
Tgt Ion: 65 Resp: 233287

Ion Ratio Lower Upper

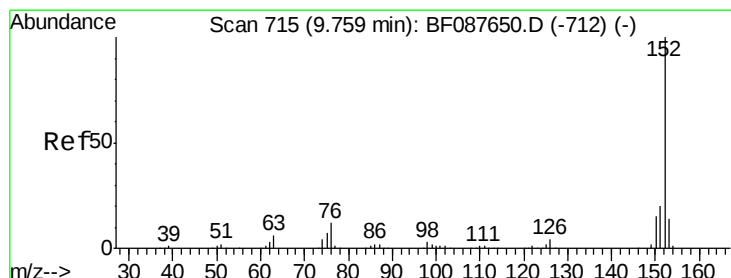
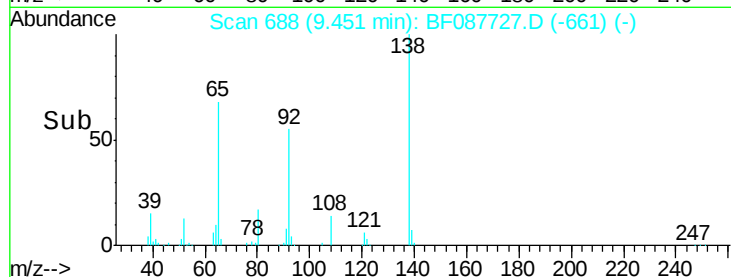
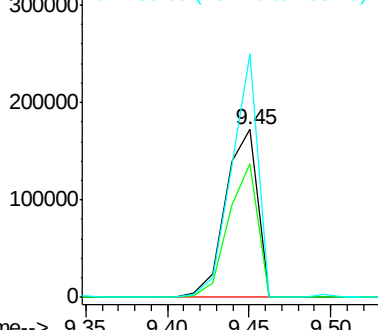
65 100

92 79.7 54.6 82.0

138 145.1 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: 50.72 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

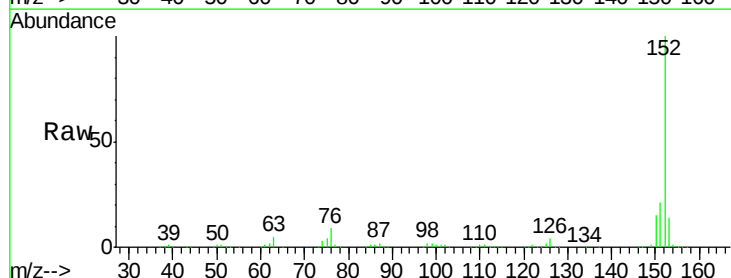
Tgt Ion:152 Resp: 1165933

Ion Ratio Lower Upper

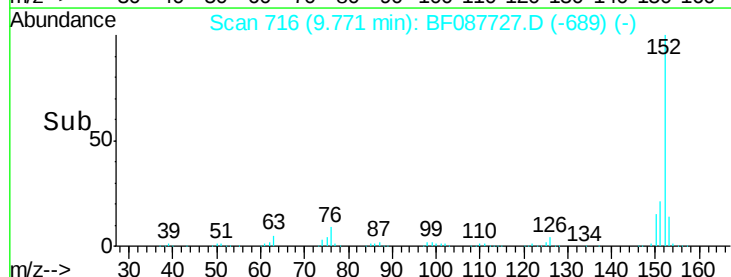
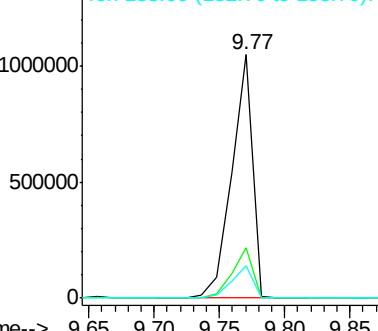
152 100

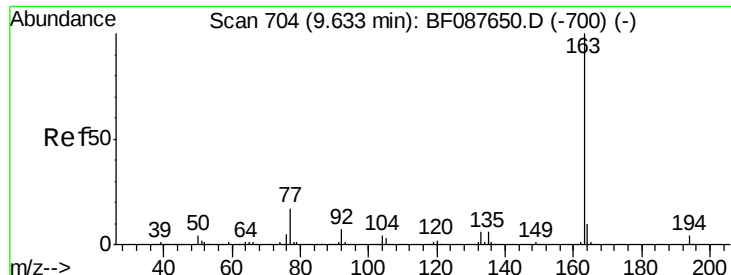
151 20.8 16.2 24.4

153 13.5 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: 49.80 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

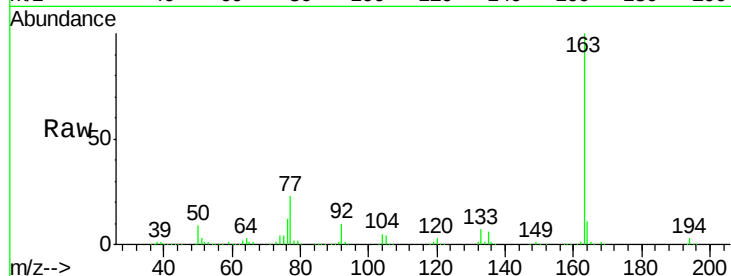
Tgt Ion:163 Resp: 826030

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

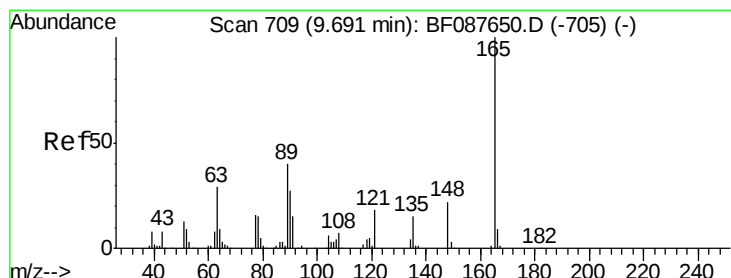
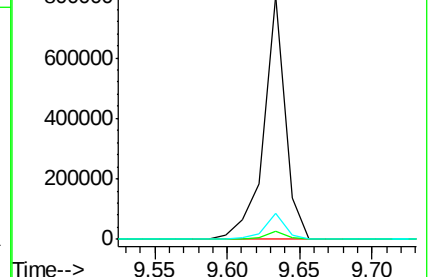
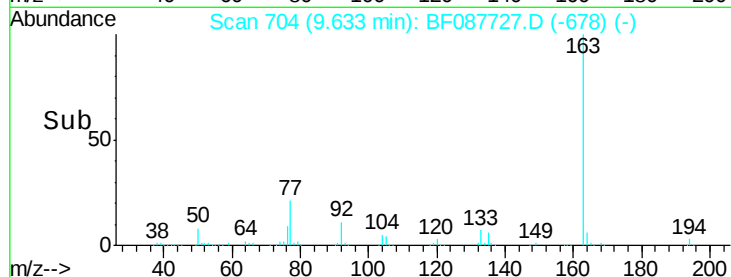
164 10.7 8.3 12.5



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: 48.67 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

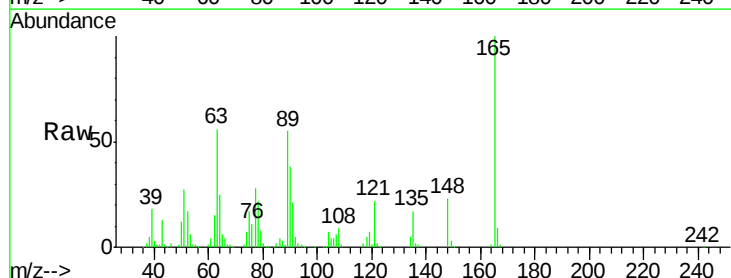
Tgt Ion:165 Resp: 183697

Ion Ratio Lower Upper

165 100

63 55.7 28.1 42.1#

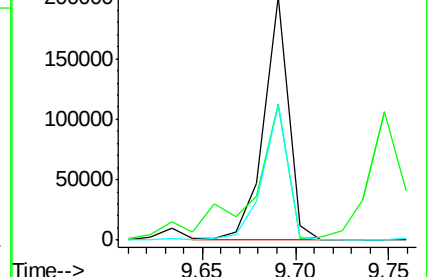
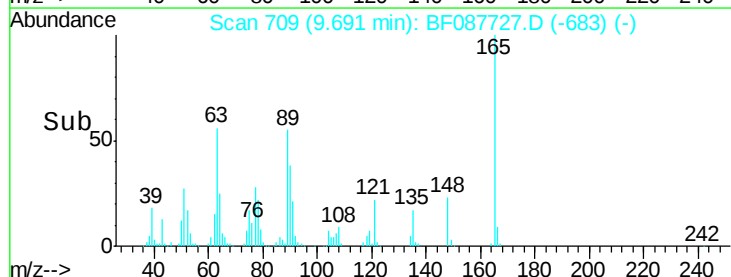
89 55.4 32.2 48.2#

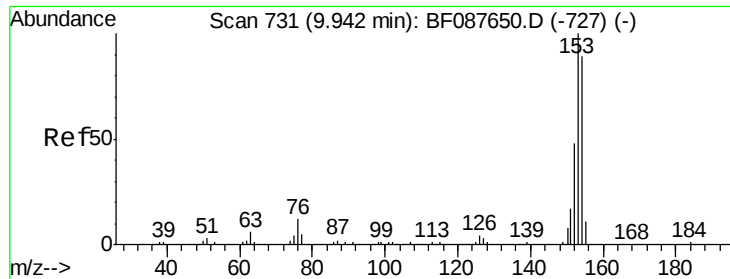


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.56 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

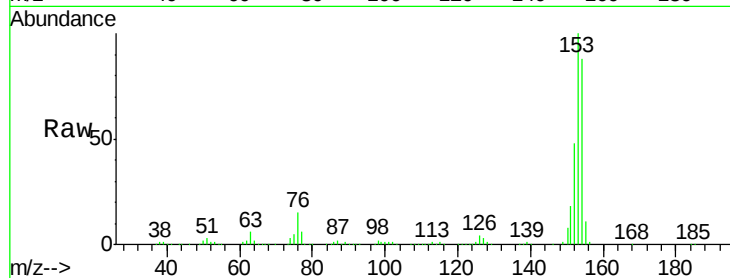
Tgt Ion:154 Resp: 718205

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

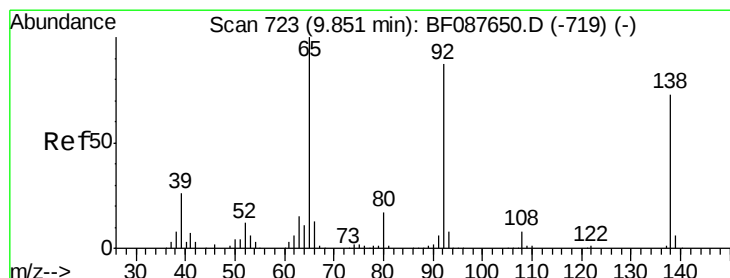
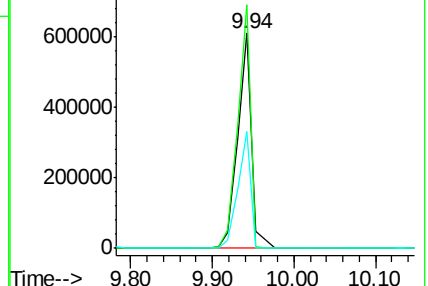
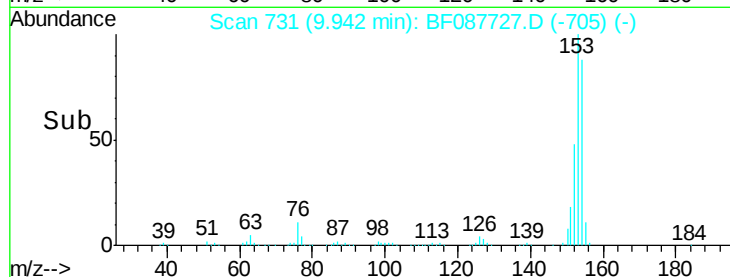
152 54.3 42.7 64.1



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: 35.38 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

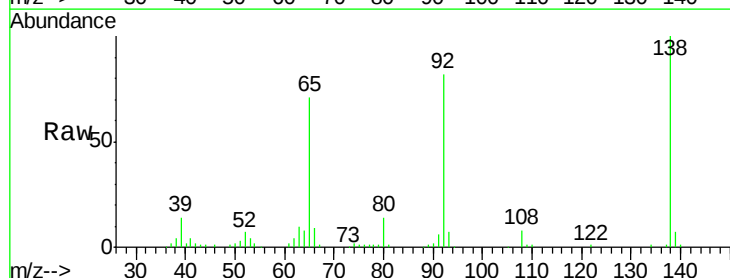
Tgt Ion:138 Resp: 152747

Ion Ratio Lower Upper

138 100

108 8.2 8.5 12.7#

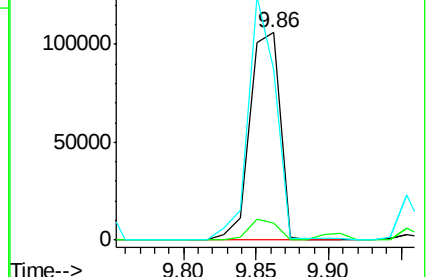
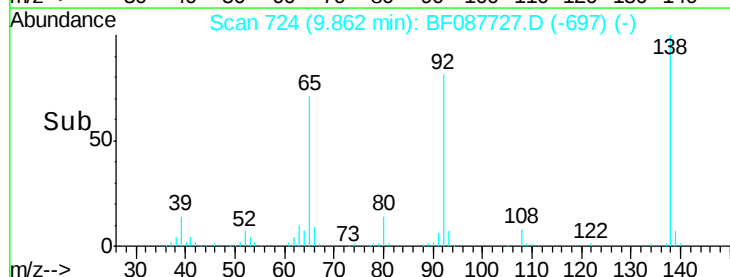
92 82.1 95.7 143.5#

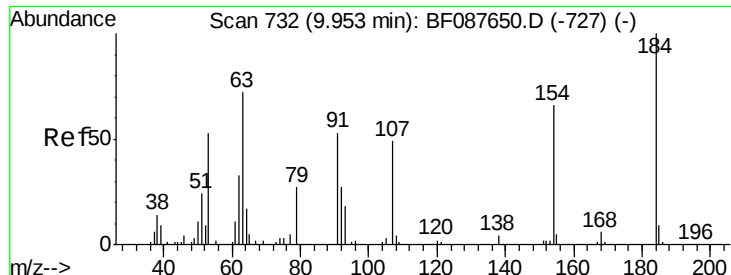


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

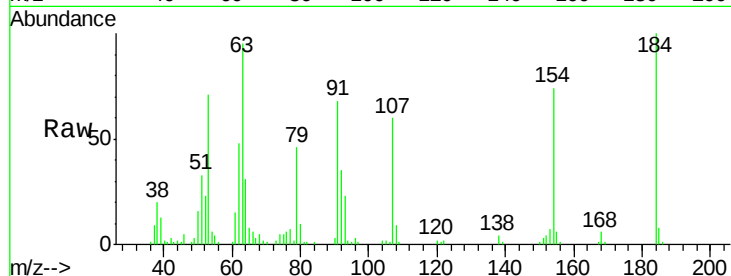




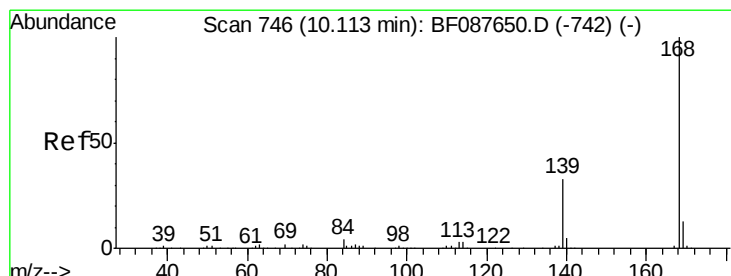
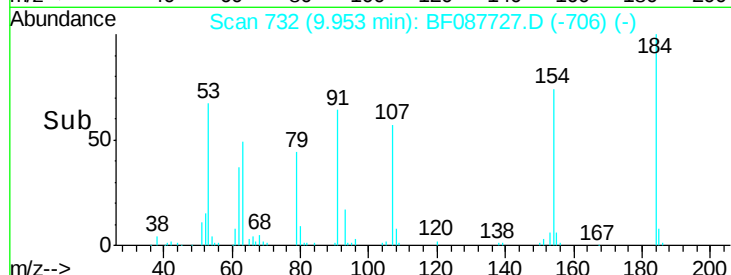
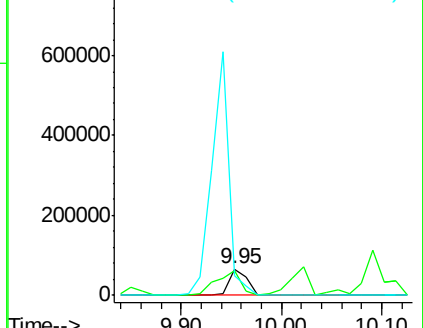
#53
2,4-Dinitrophenol
Concen: 49.54 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:184 Resp: 82189
Ion Ratio Lower Upper
184 100
63 95.2 57.6 86.4#
154 73.8 53.5 80.3

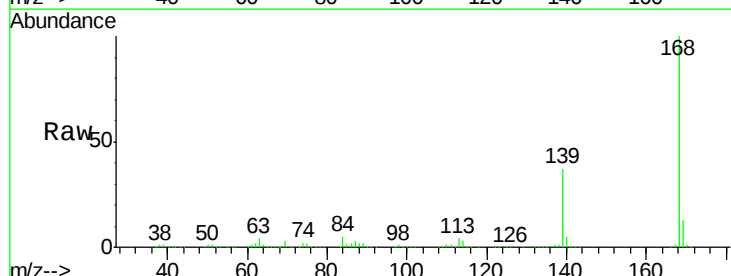


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

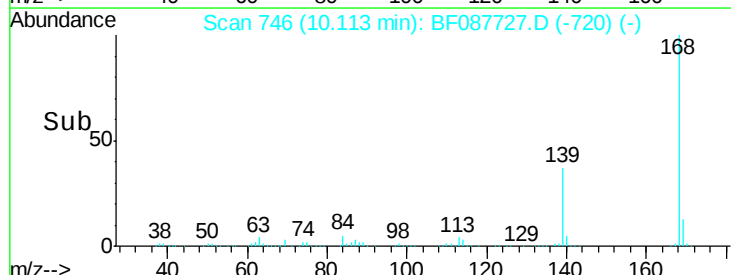
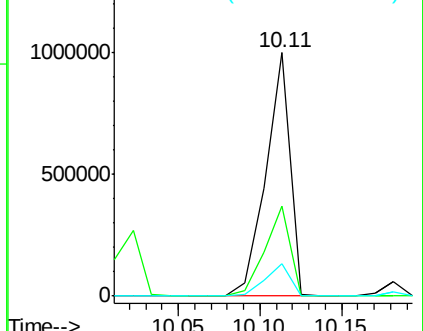


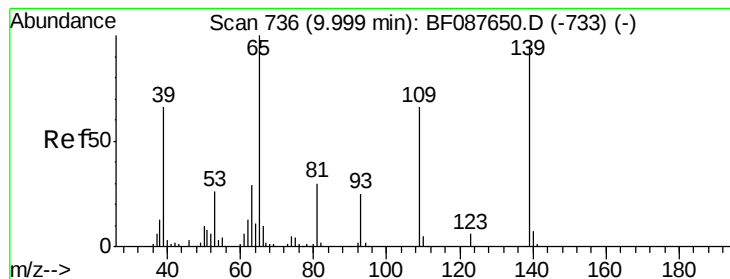
#54
Dibenzofuran
Concen: 51.35 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:168 Resp: 1034116
Ion Ratio Lower Upper
168 100
139 36.9 26.4 39.6
169 13.5 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: 87.87 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

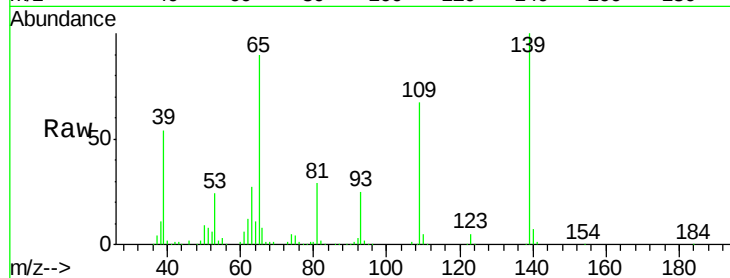
Tgt Ion:139 Resp: 324217

Ion Ratio Lower Upper

139 100

109 66.7 48.9 88.9

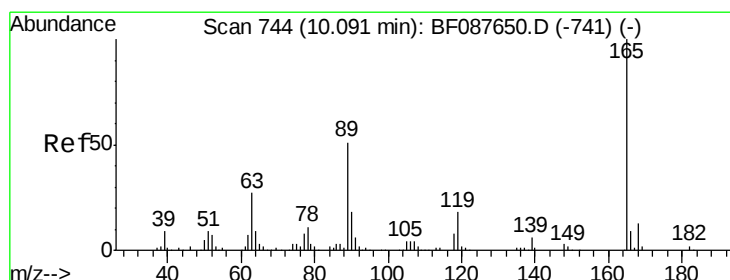
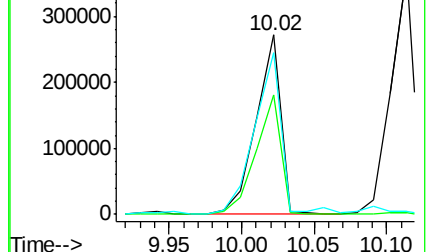
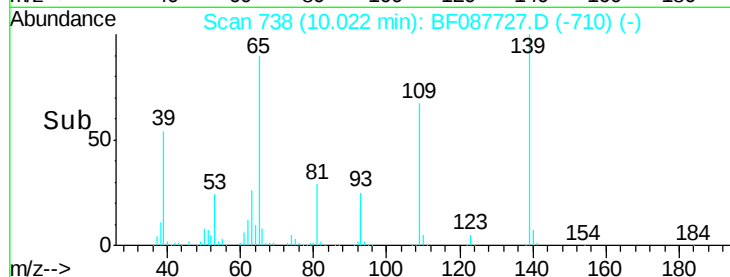
65 90.3 84.9 124.9



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: 46.76 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:165 Resp: 224725

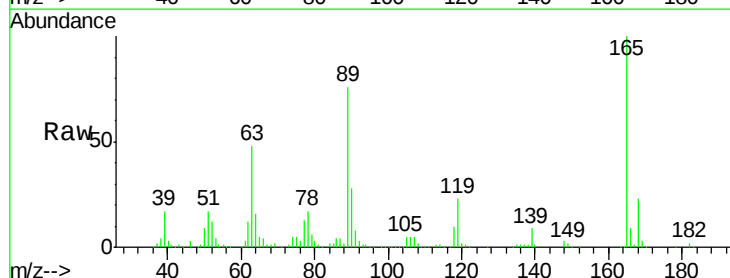
Ion Ratio Lower Upper

165 100

63 47.9 22.0 33.0#

89 76.4 41.1 61.7#

182 2.2 2.0 3.0

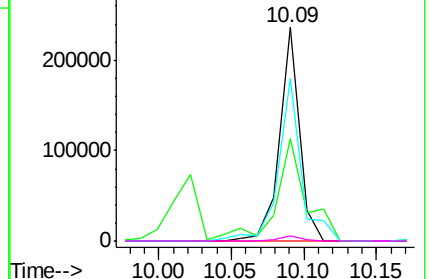
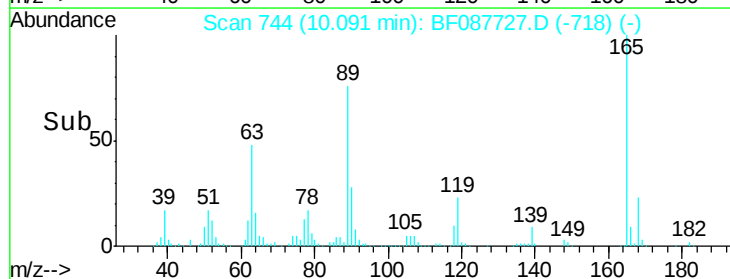


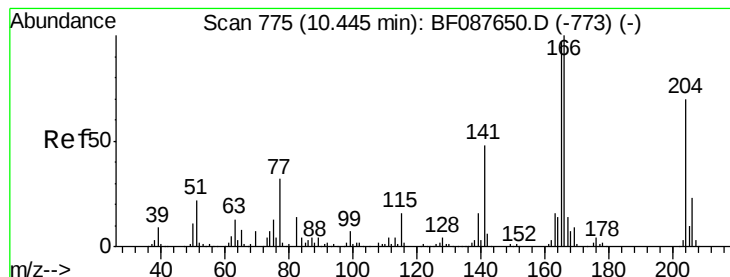
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.19 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

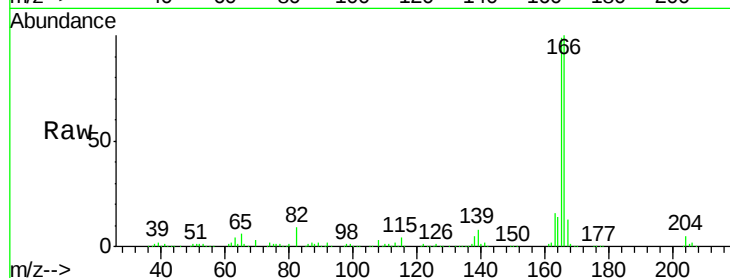
Tgt Ion:166 Resp: 742778

Ion Ratio Lower Upper

166 100

165 98.8 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

800000

600000

400000

200000

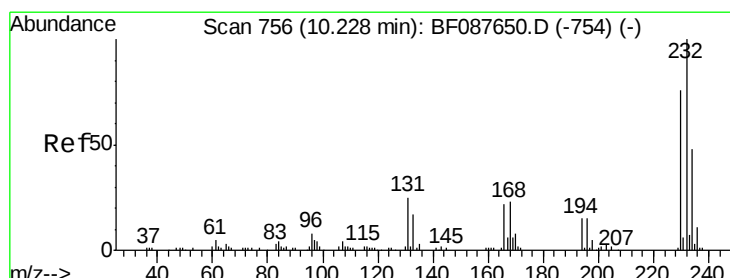
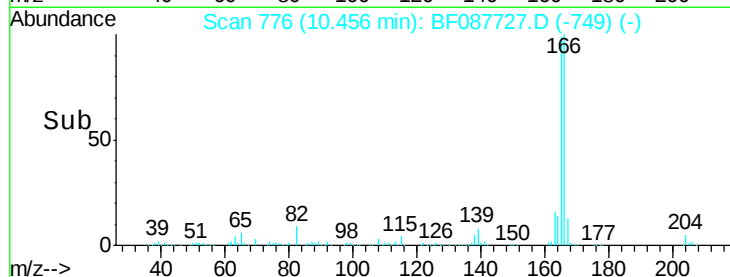
0

10.46

10.40

10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.55 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion:232 Resp: 192460

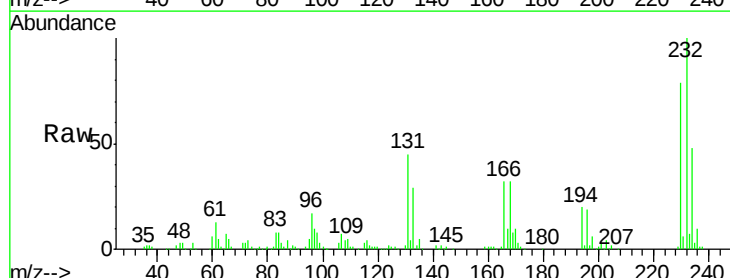
Ion Ratio Lower Upper

232 100

131 51.2 0.9 1.3#

130 2.5 1.5 2.3#

166 34.4 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

300000

200000

100000

0

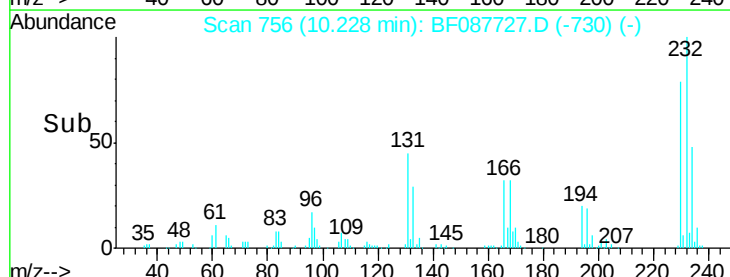
10.23

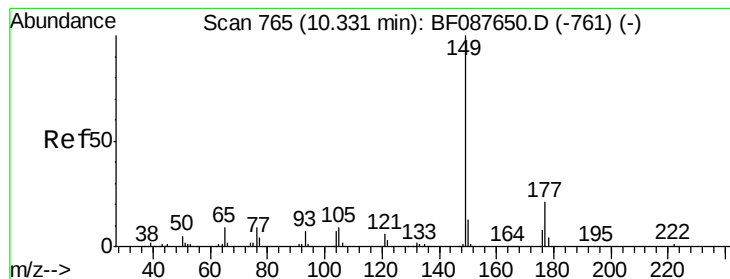
10.20

10.30

10.40

Time-->





#59

Diethylphthalate

Concen: 45.69 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

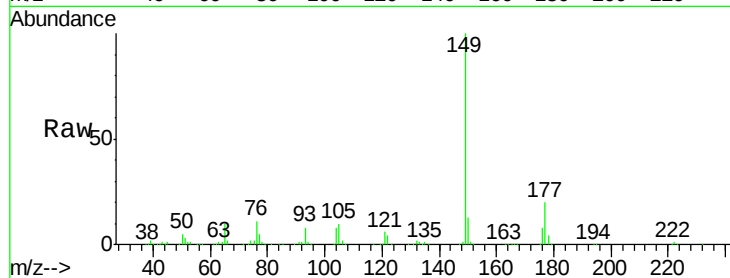
Tgt Ion:149 Resp: 761104

Ion Ratio Lower Upper

149 100

177 20.3 16.9 25.3

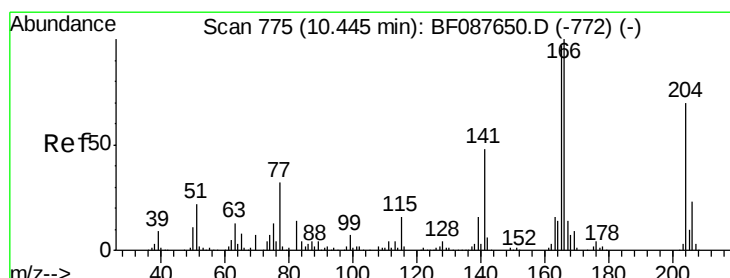
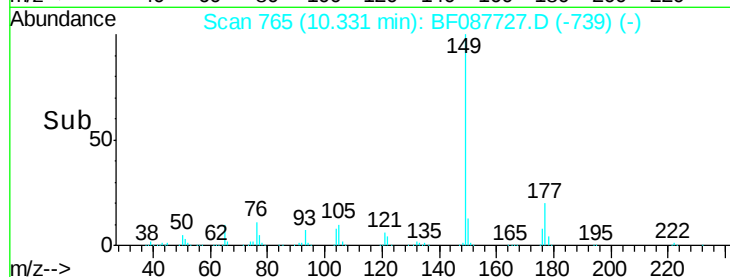
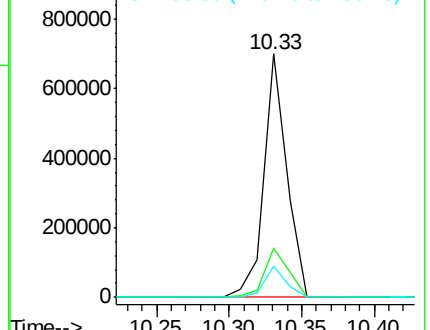
150 12.8 10.1 15.1



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: 49.61 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

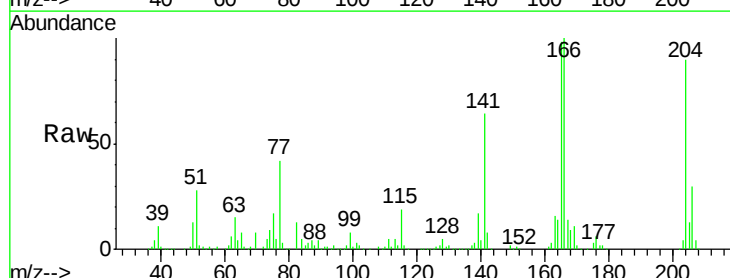
Tgt Ion:204 Resp: 287982

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

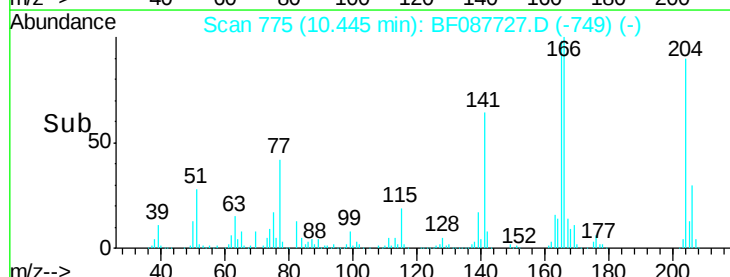
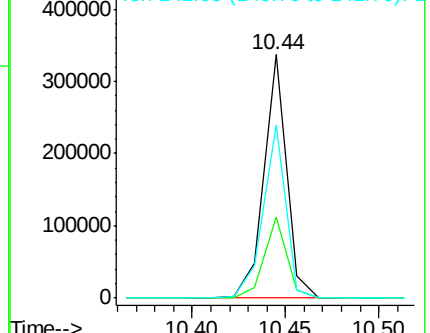
141 71.2 55.0 82.6

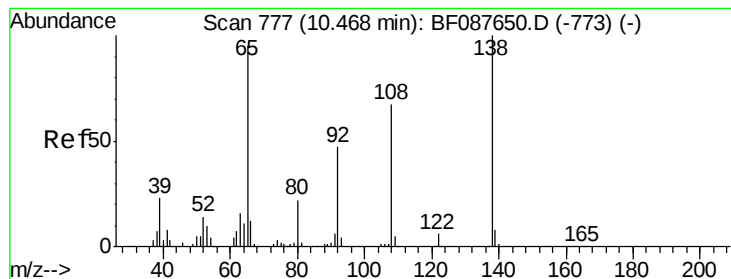


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.74 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

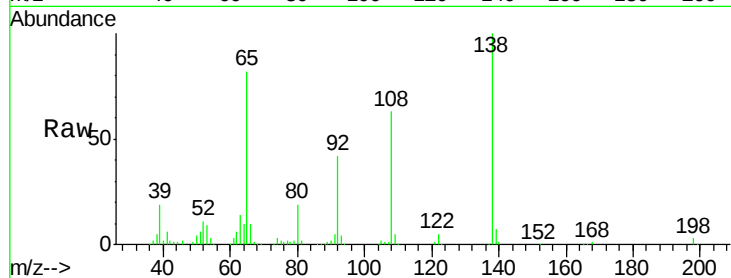
Tgt Ion:138 Resp: 210560

Ion Ratio Lower Upper

138 100

92 42.1 27.3 67.3

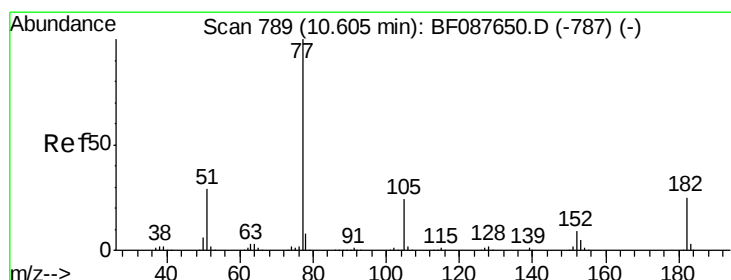
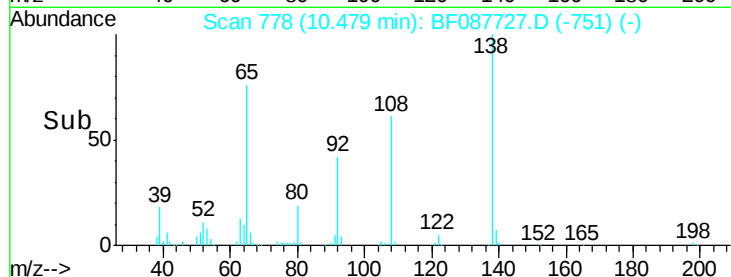
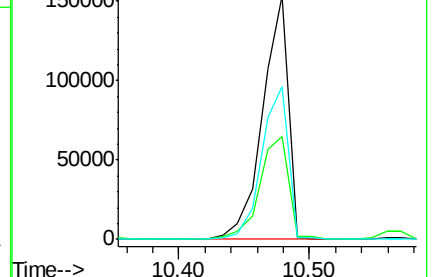
108 62.7 46.7 86.7



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: 48.64 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Tgt Ion: 77 Resp: 815558

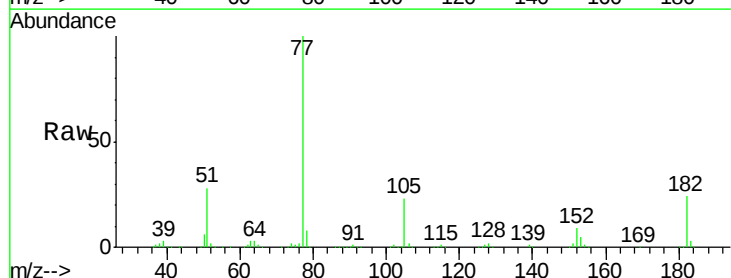
Ion Ratio Lower Upper

77 100

182 24.1 4.4 44.4

105 23.5 3.8 43.8

51 28.3 9.3 49.3

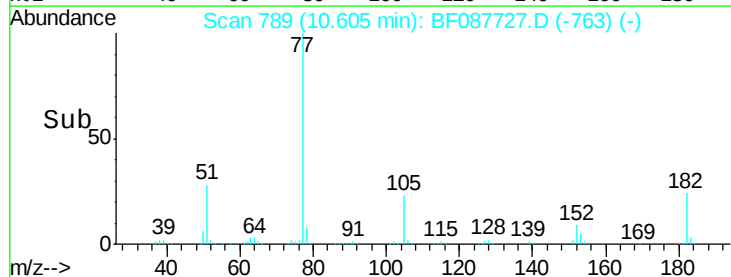
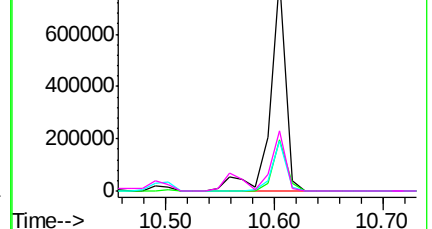


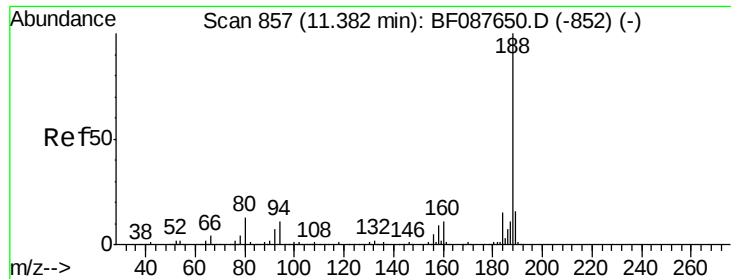
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

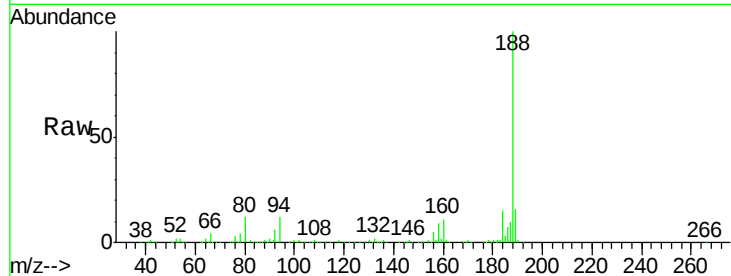
Tgt Ion:188 Resp: 409081

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.6

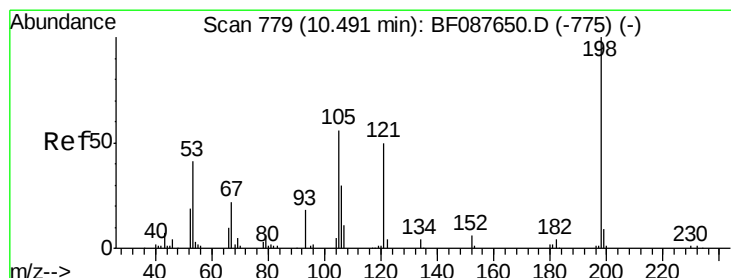
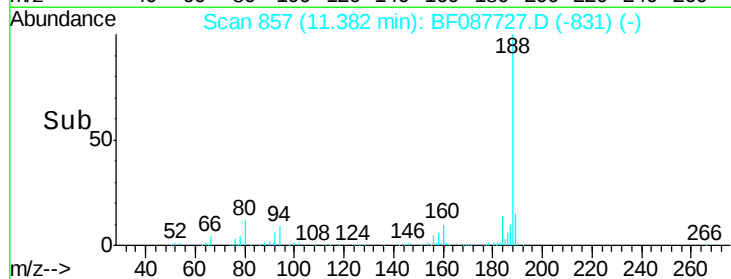
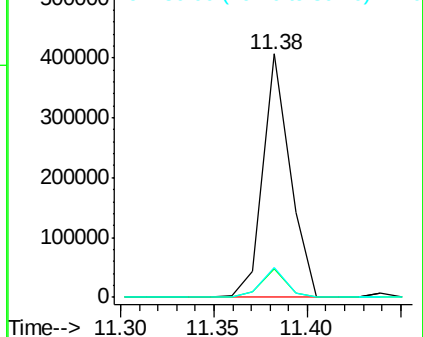
80 12.5 10.0 15.0



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: 49.01 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

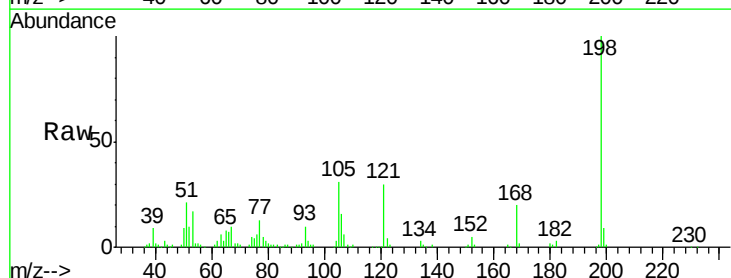
Tgt Ion:198 Resp: 111536

Ion Ratio Lower Upper

198 100

51 21.5 39.6 79.6#

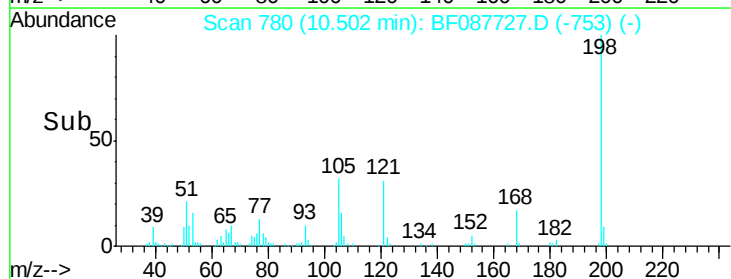
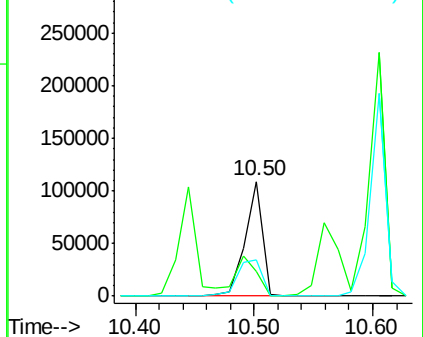
105 31.3 36.6 76.6#

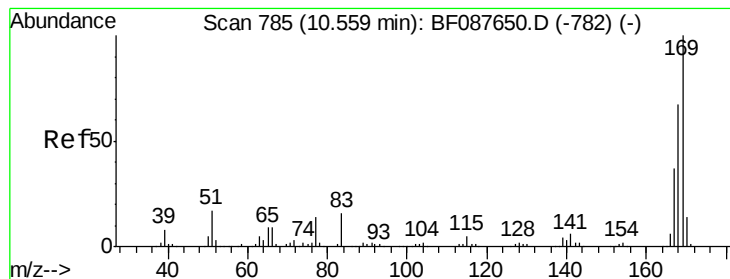


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

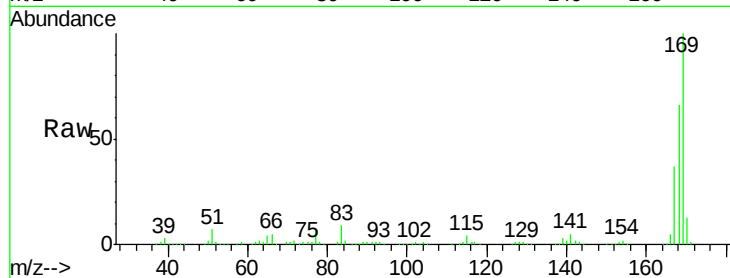




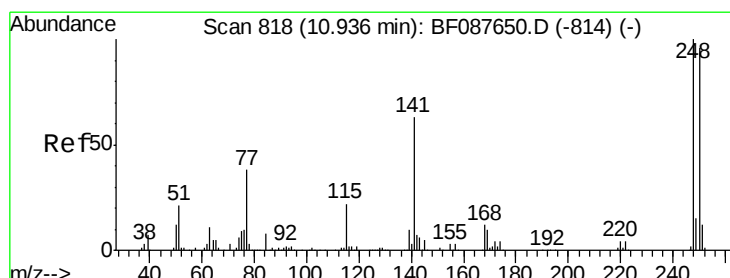
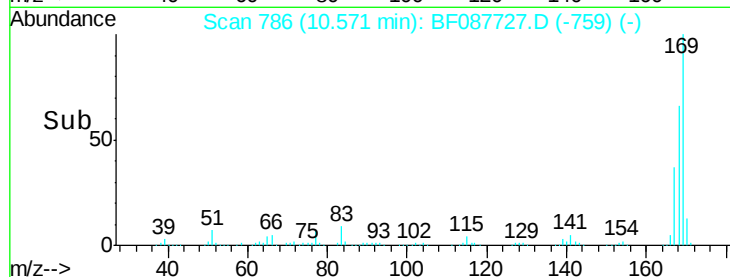
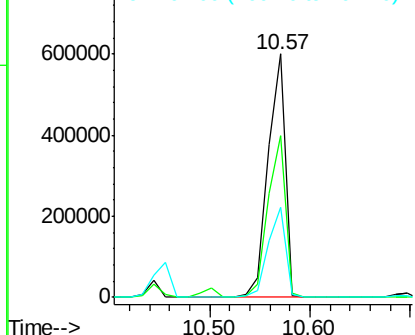
#65
 n-Nitrosodiphenylamine
 Concen: 53.39 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion:169 Resp: 715318
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 36.9 29.4 44.0

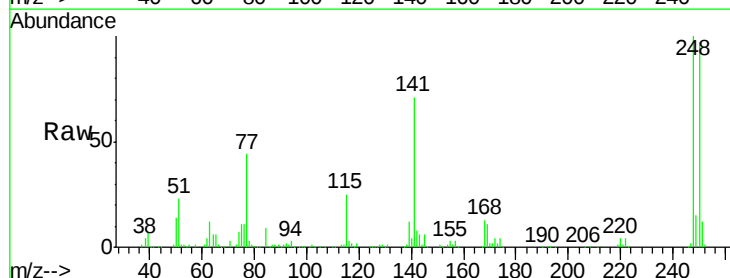


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

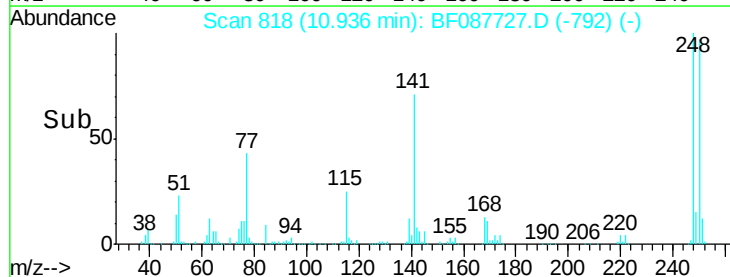
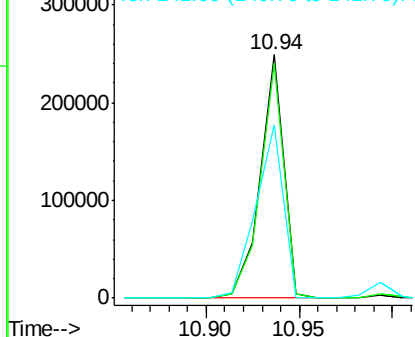


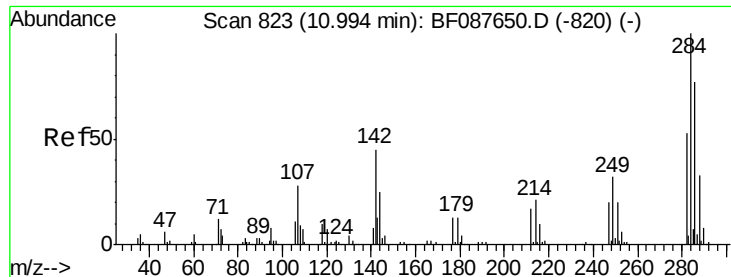
#66
 4-Bromophenyl-phenylether
 Concen: 53.15 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:248 Resp: 215596
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 71.4 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: 46.68 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampled :

SB-7MSD

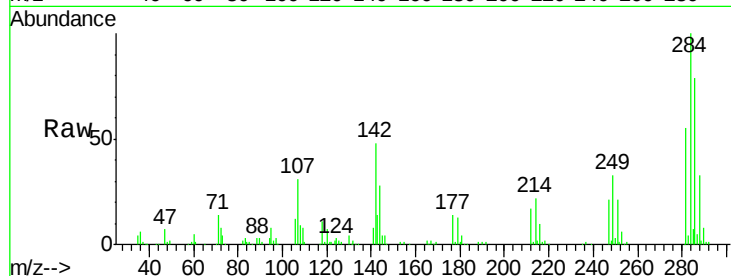
Tgt Ion:284 Resp: 211733

Ion Ratio Lower Upper

284 100

142 47.6 35.8 53.8

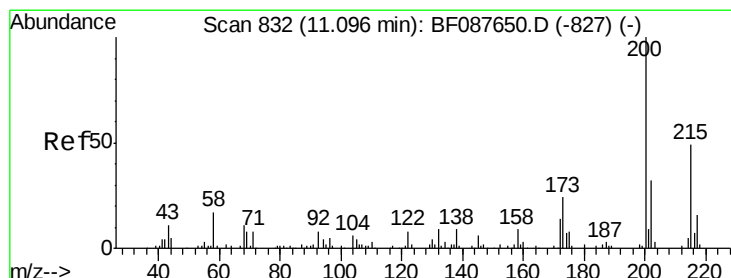
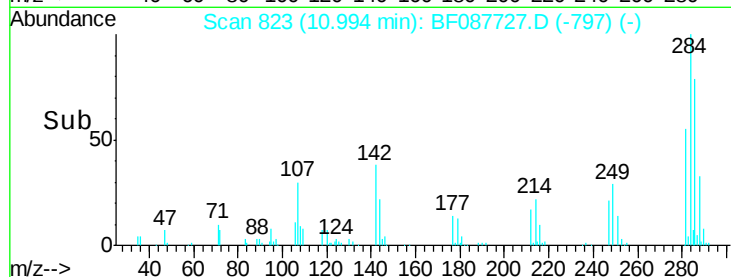
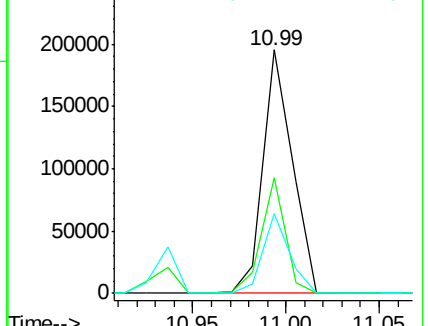
249 33.0 25.8 38.6



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: 52.32 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

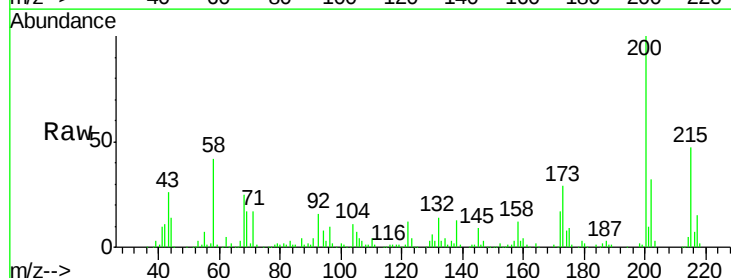
Tgt Ion:200 Resp: 207641

Ion Ratio Lower Upper

200 100

173 28.9 4.0 44.0

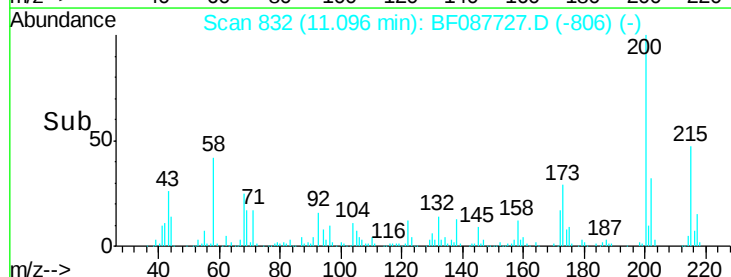
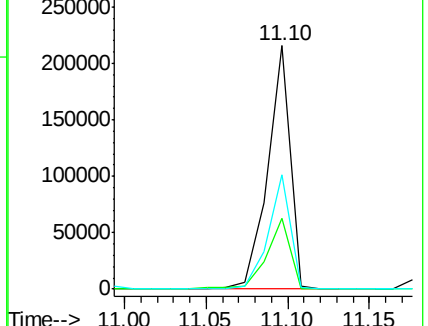
215 47.1 29.3 69.3

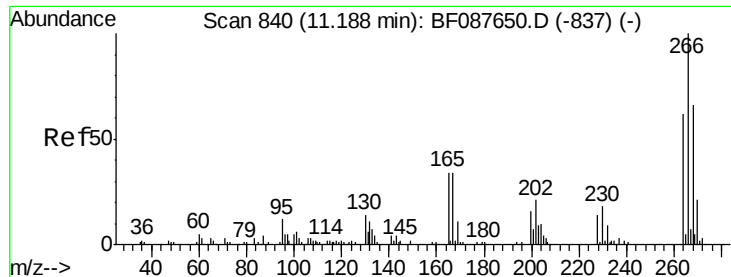


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

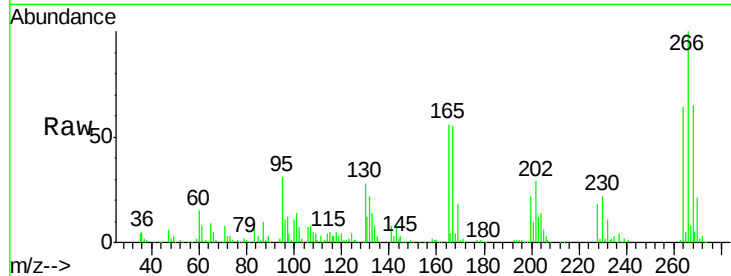




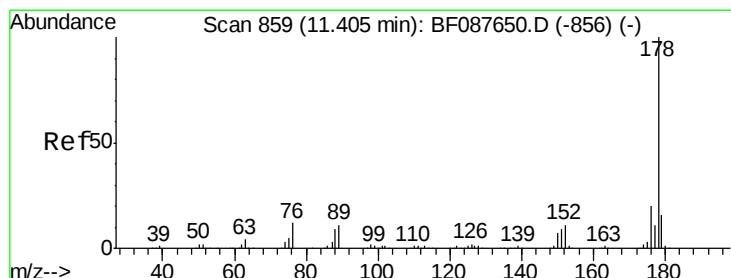
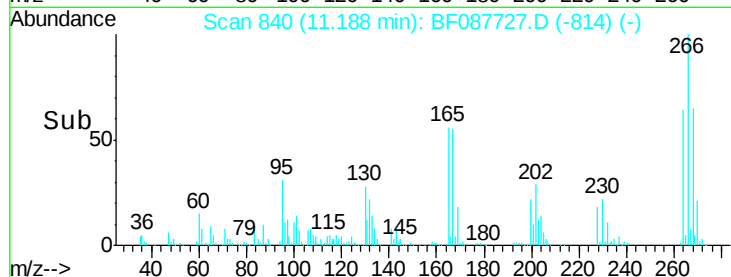
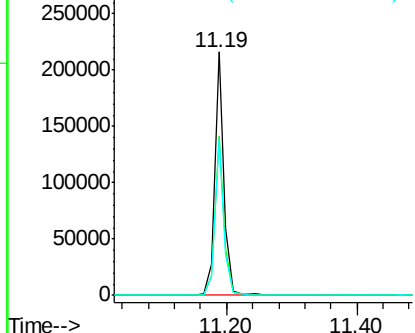
#69
 Pentachlorophenol
 Concen: 80.77 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion:266 Resp: 217693
 Ion Ratio Lower Upper
 266 100
 268 65.2 52.8 79.2
 264 64.1 49.6 74.4

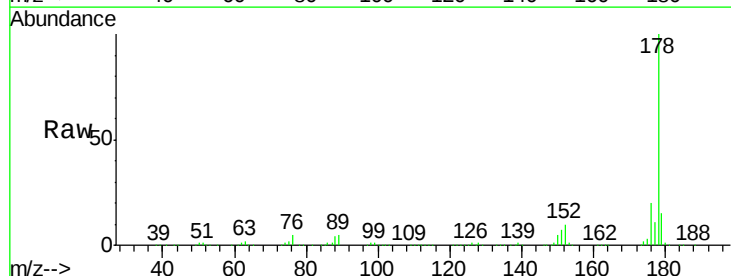


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

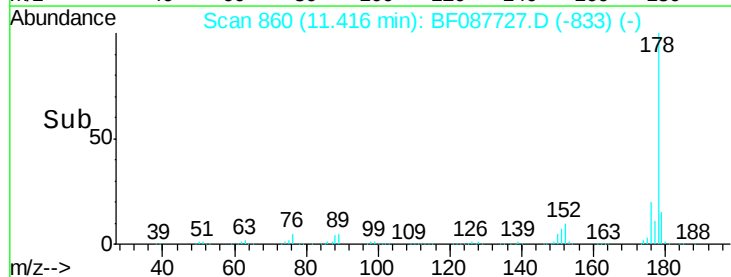
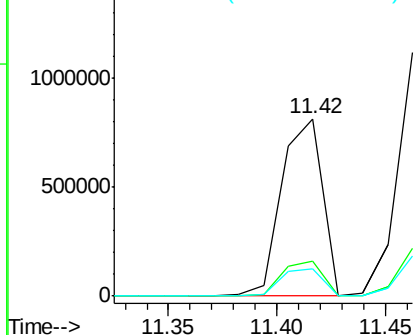


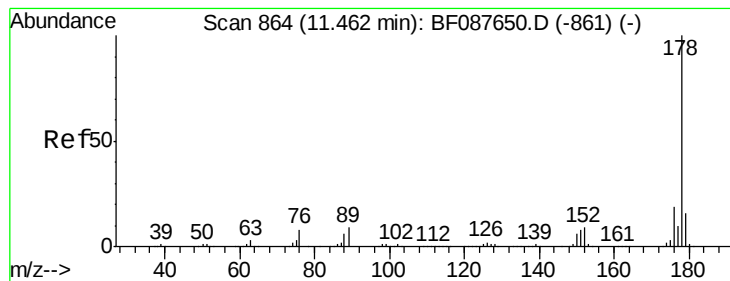
#70
 Phenanthrene
 Concen: 48.37 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:178 Resp: 1072909
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.4 13.0 19.4



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





#71

Anthracene

Concen: 44.63 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

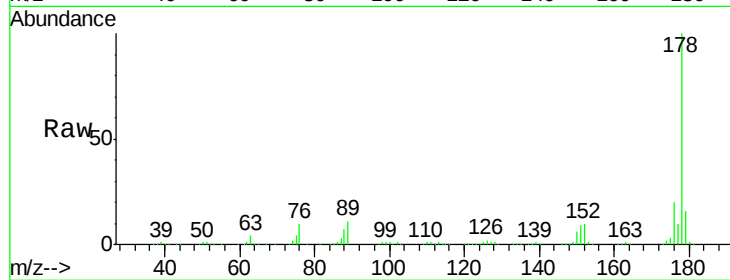
Tgt Ion:178 Resp: 991901

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

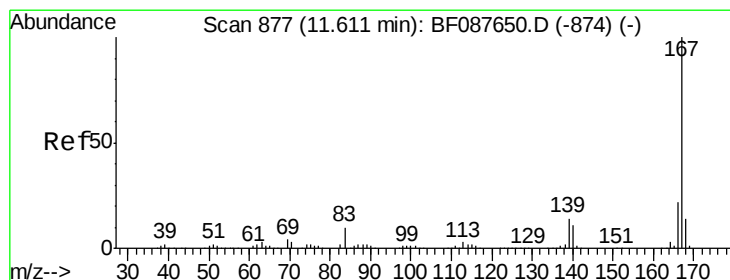
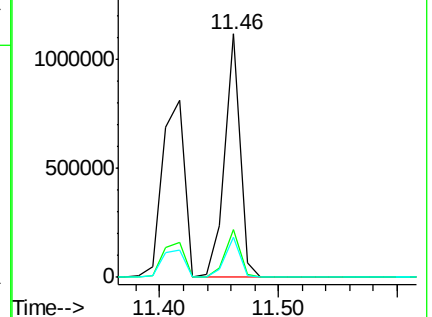
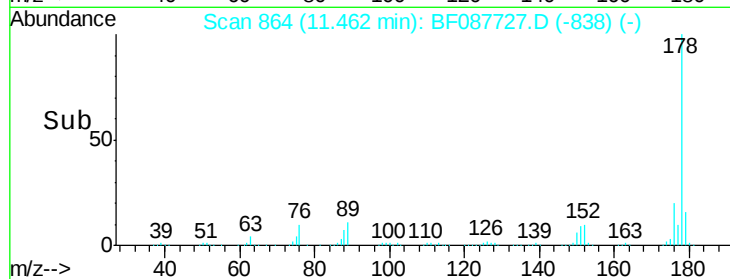
179 16.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.57 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

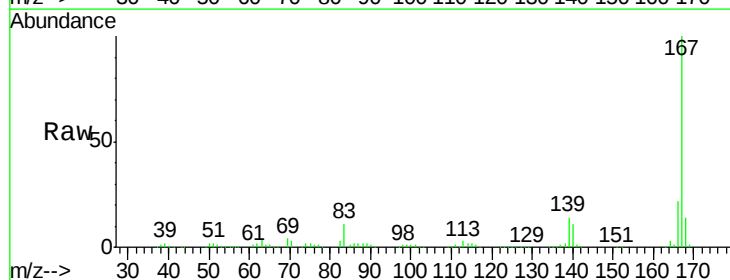
Tgt Ion:167 Resp: 1021830

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

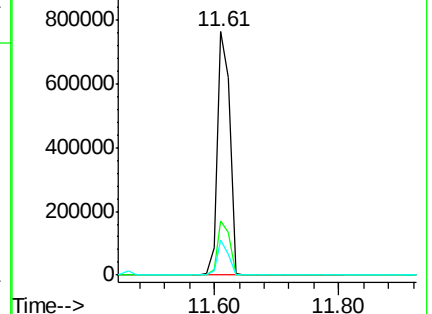
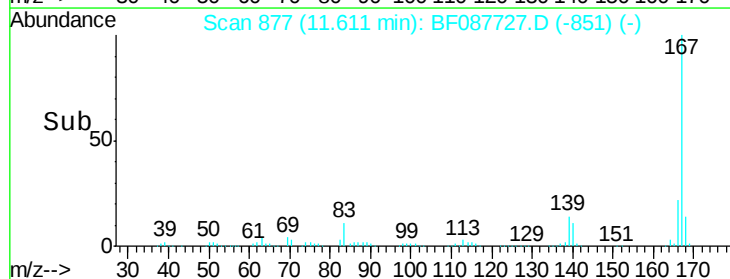
139 14.3 11.2 16.8

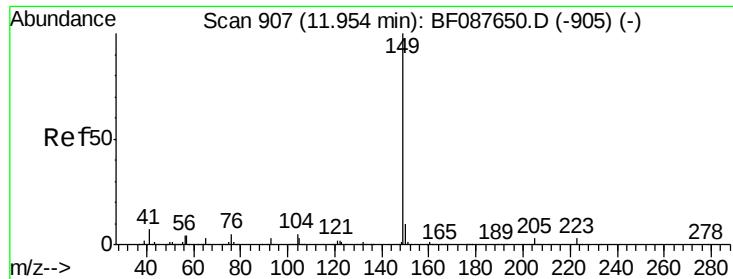


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

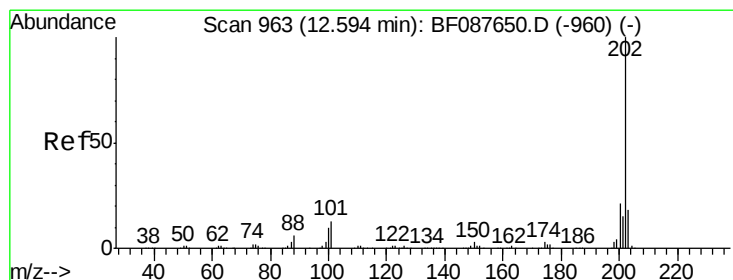
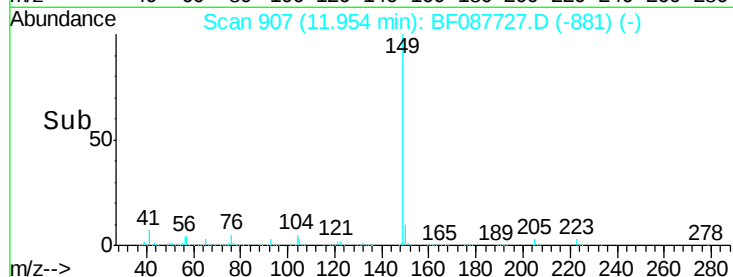
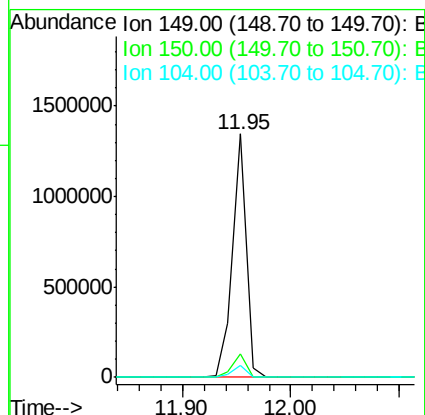
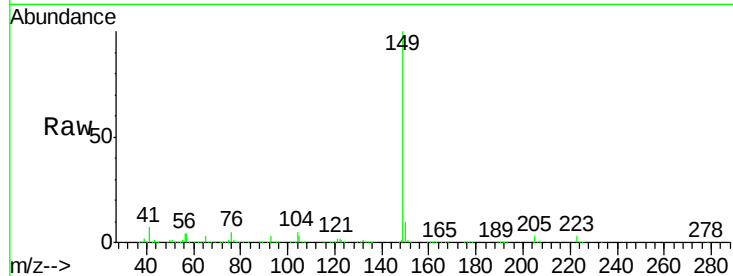




#73
Di-n-butylphthalate
Concen: 52.03 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

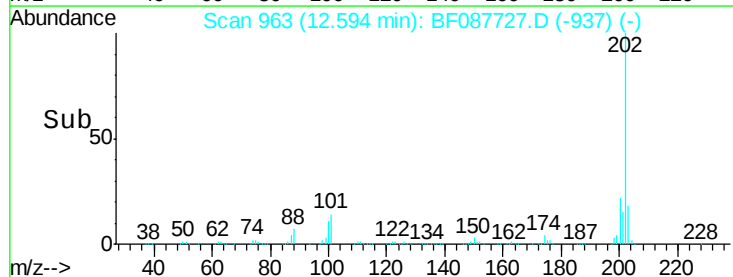
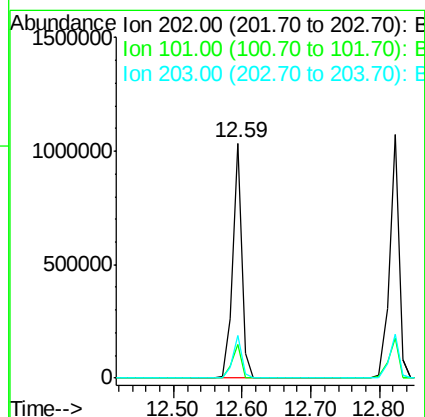
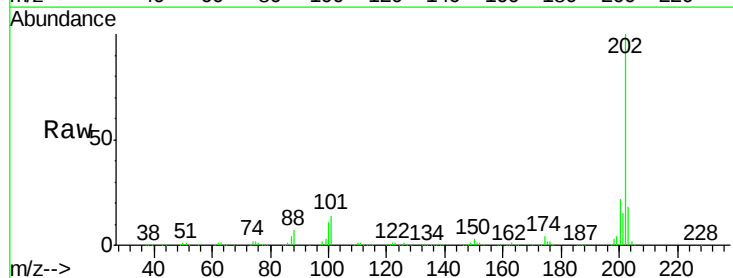
Instrument :
BNA_F
ClientSampleId :
SB-7MSD

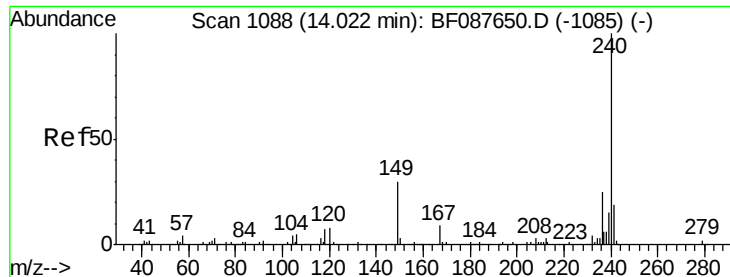
Tgt Ion:149 Resp: 1173529
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.1 4.0 6.0



#74
Fluoranthene
Concen: 44.70 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:202 Resp: 975647
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

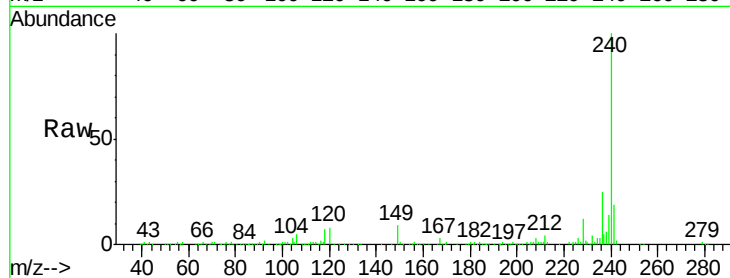
Tgt Ion:240 Resp: 263331

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

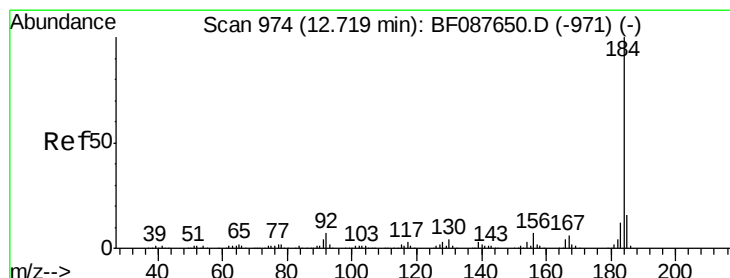
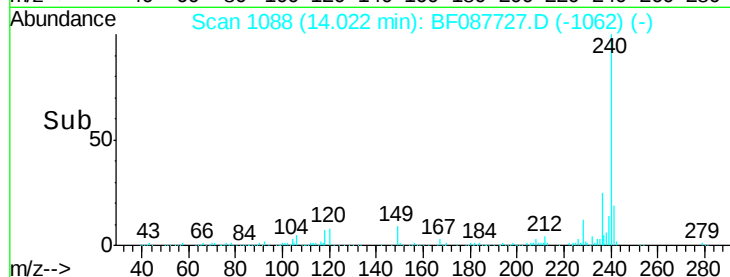
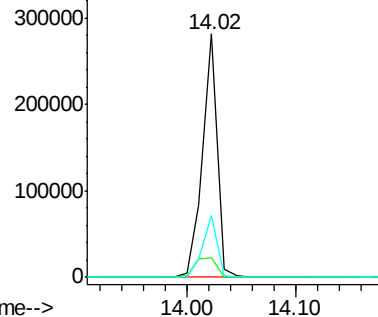
236 25.3 20.2 30.2



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: 31.22 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

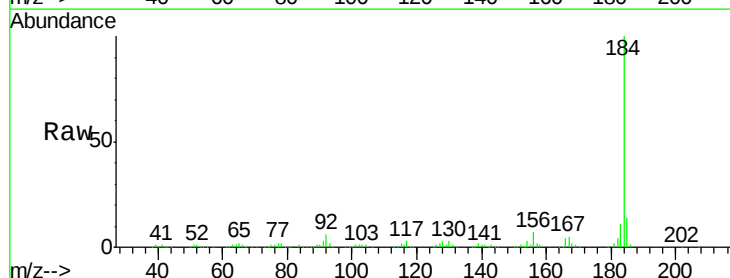
Tgt Ion:184 Resp: 324150

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

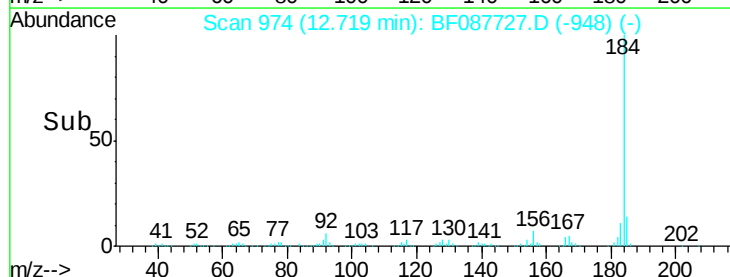
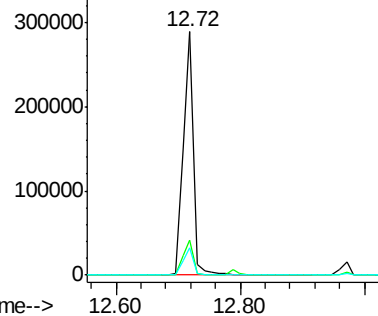
183 11.5 9.3 13.9

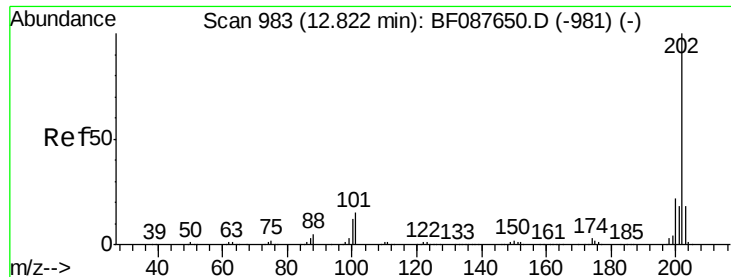


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

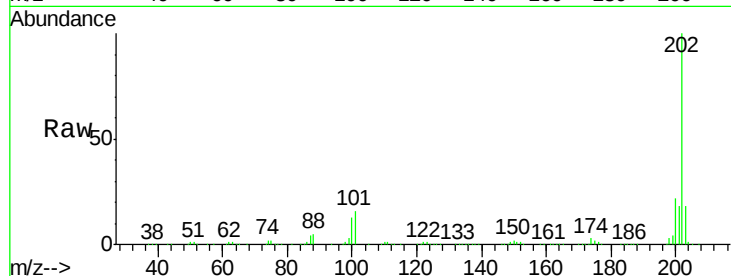




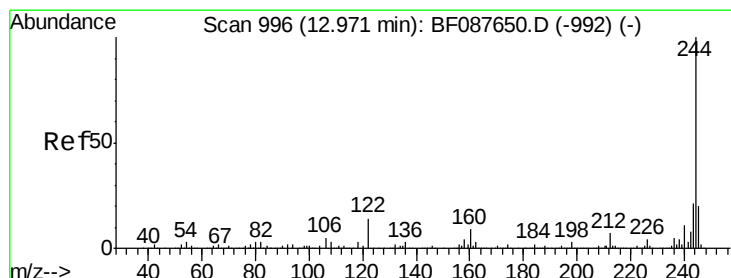
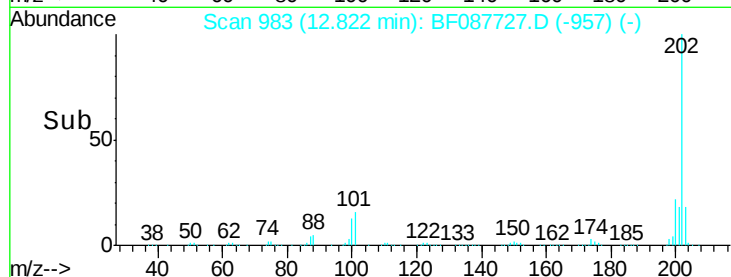
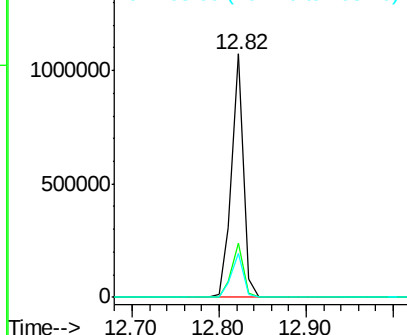
#77
 Pyrene
 Concen: 54.29 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion:202 Resp: 1017931
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 18.2 14.5 21.7

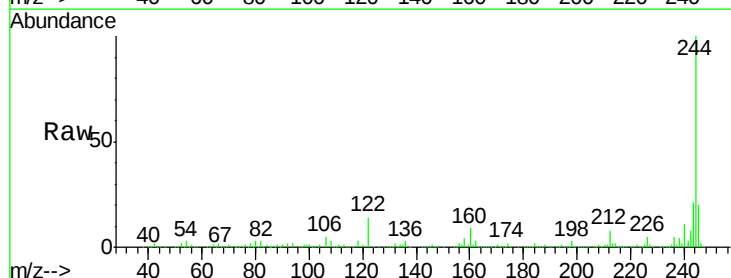


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

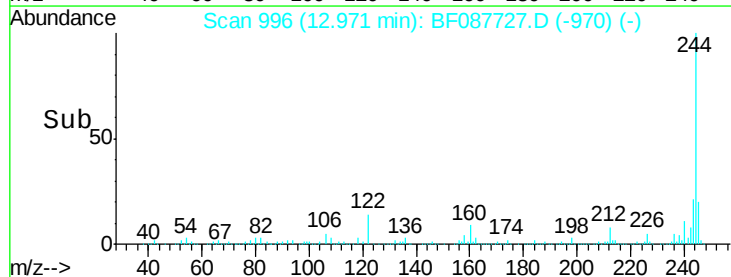
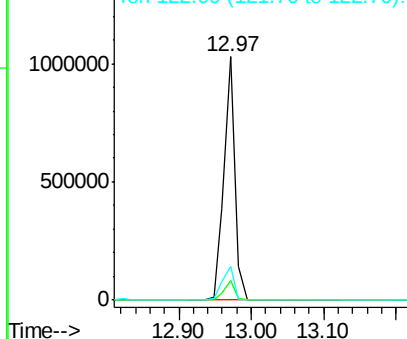


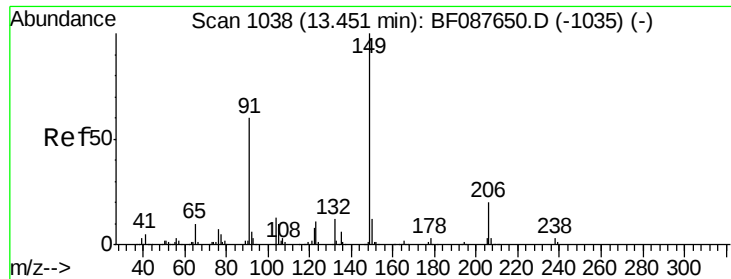
#78
 Terphenyl-d14
 Concen: 100.59 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:244 Resp: 1085526
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.7 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

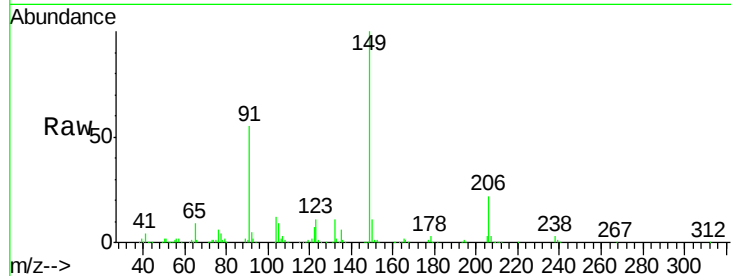




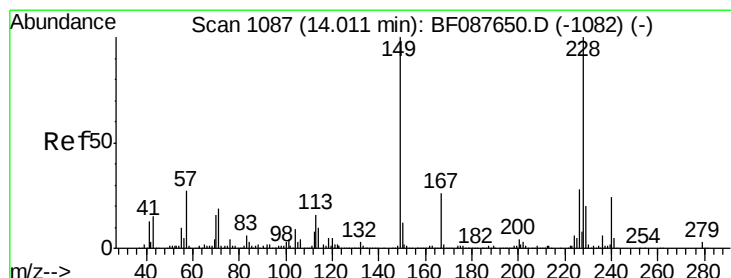
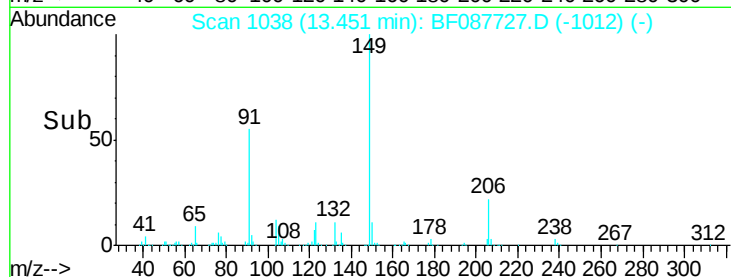
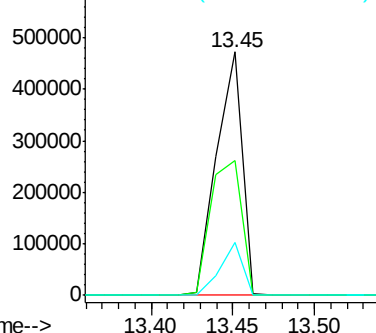
#79
Butylbenzylphthalate
Concen: 64.61 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tgt Ion:149 Resp: 515633
Ion Ratio Lower Upper
149 100
91 55.4 48.0 72.0
206 21.7 16.0 24.0

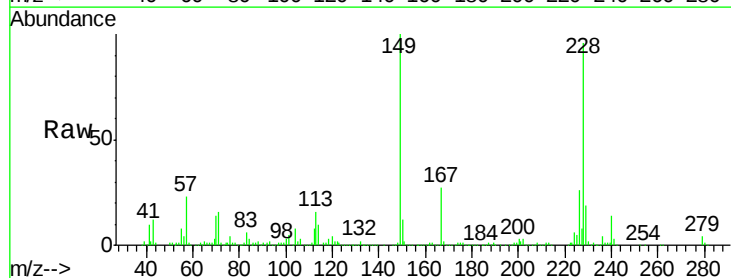


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

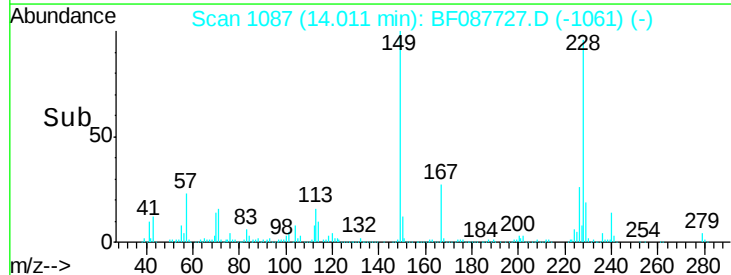
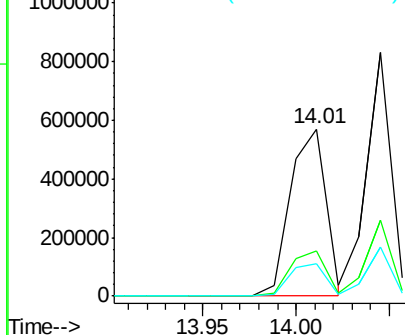


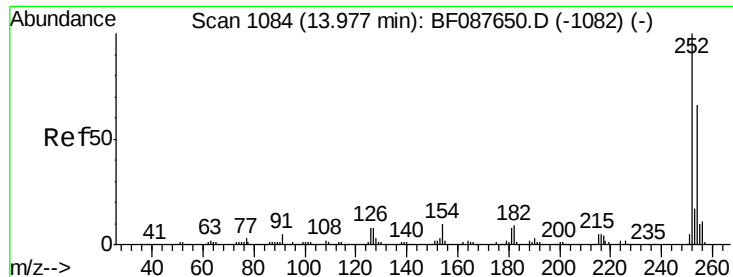
#80
Benzo(a)anthracene
Concen: 50.13 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087727.D
Acq: 6 Jun 2016 00:52

Tgt Ion:228 Resp: 761838
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.7 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

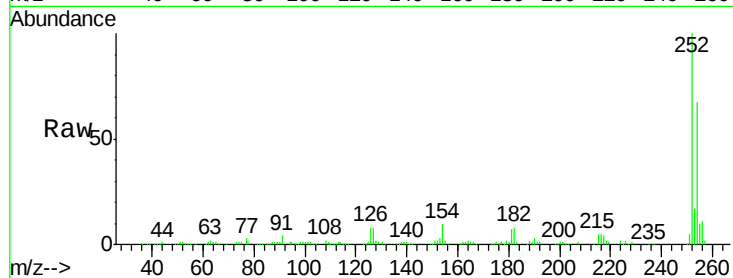




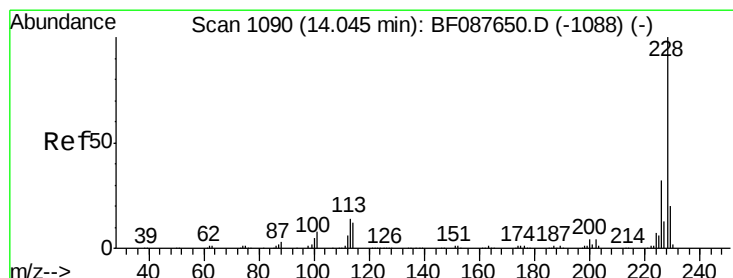
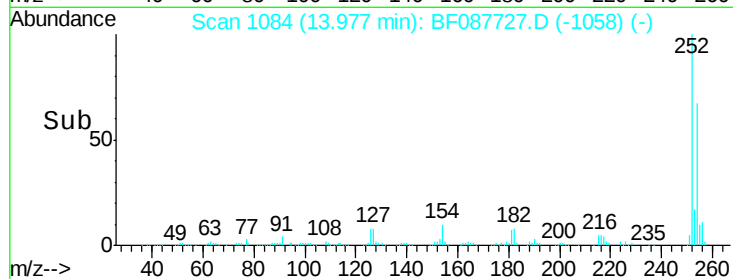
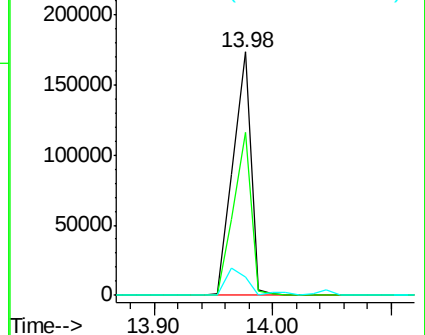
#81
 3,3'-Dichlorobenzidine
 Concen: 42.74 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion: 252 Resp: 183262
 Ion Ratio Lower Upper
 252 100
 254 66.7 52.6 78.8
 126 7.7 6.2 9.2

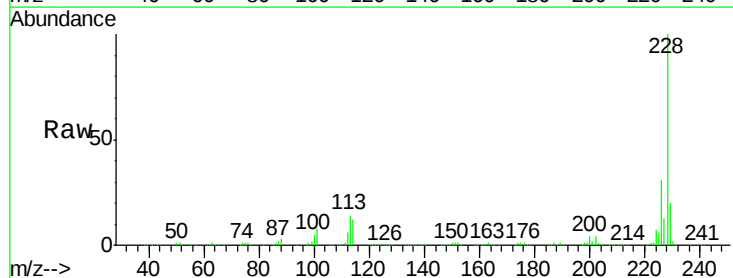


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

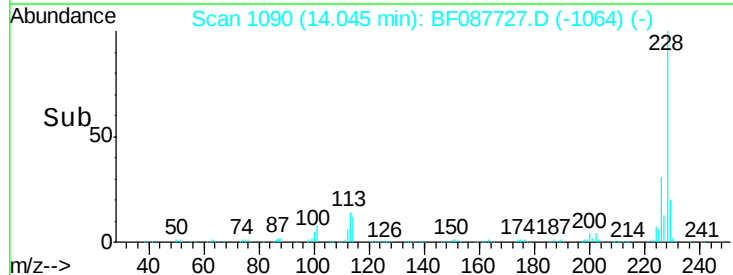
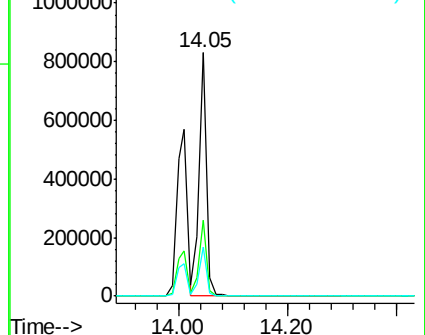


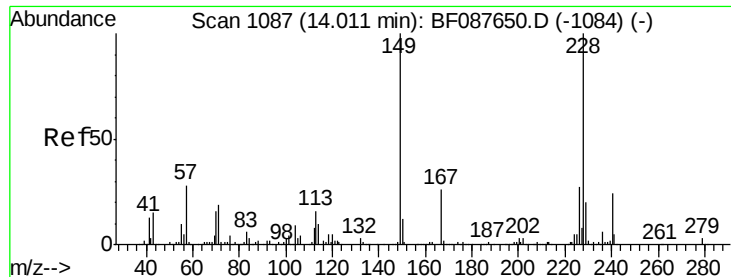
#82
 Chrysene
 Concen: 51.05 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion: 228 Resp: 772142
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.2
 229 20.2 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

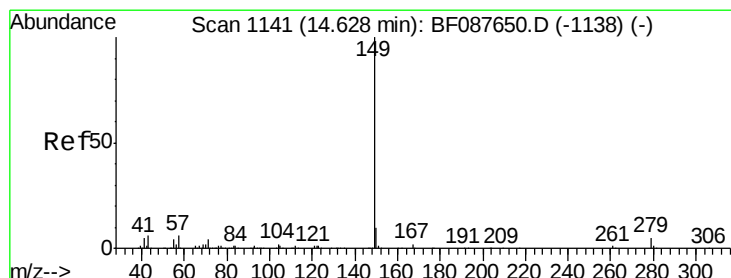
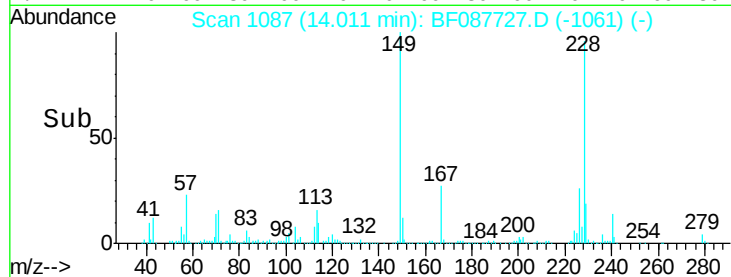
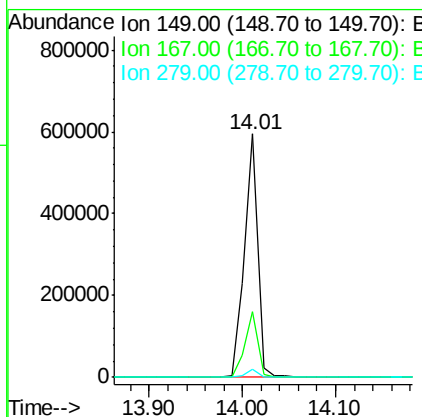
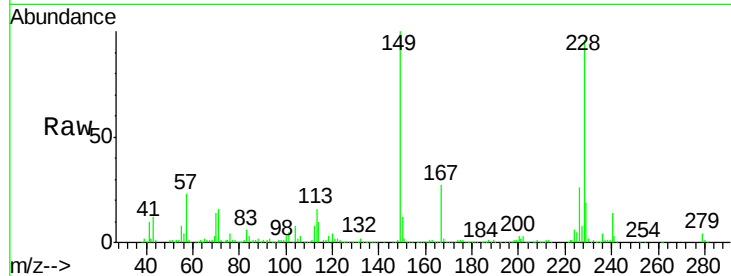




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.07 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

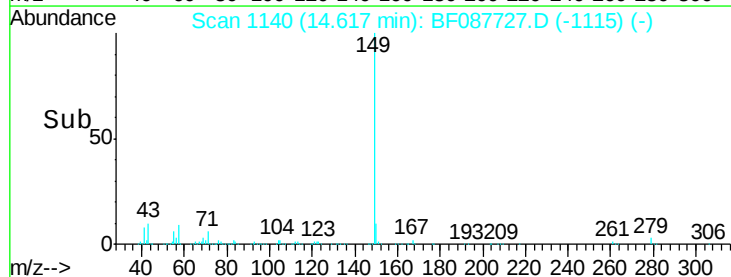
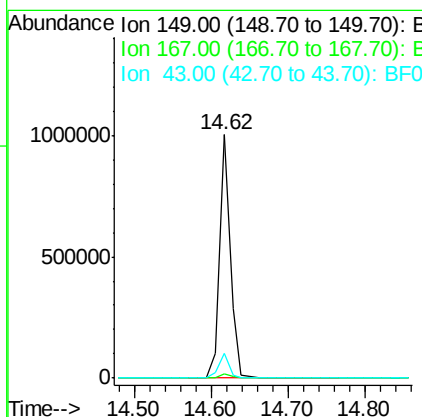
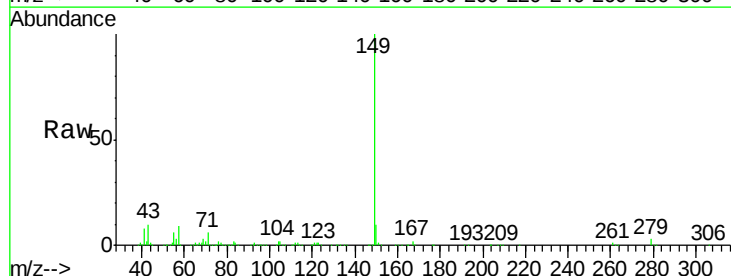
Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

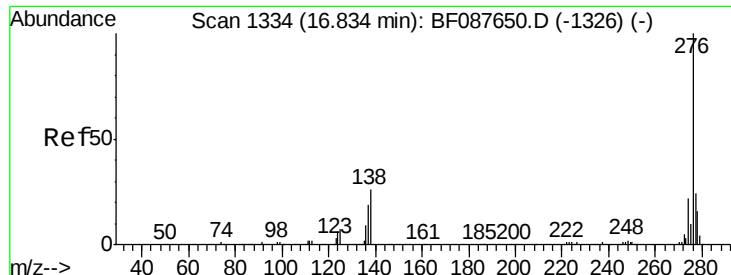
Tgt Ion:149 Resp: 589459
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.5 30.7
 279 3.5 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 55.07 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion:149 Resp: 972404
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.8 0.0 0.0#

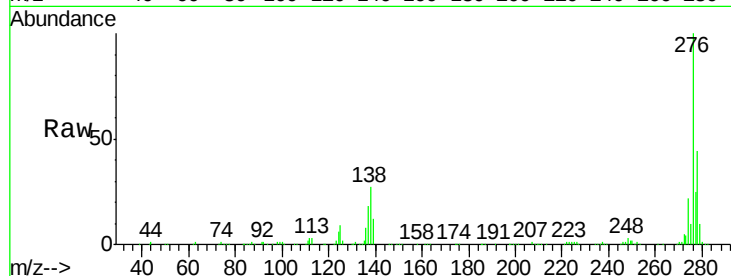




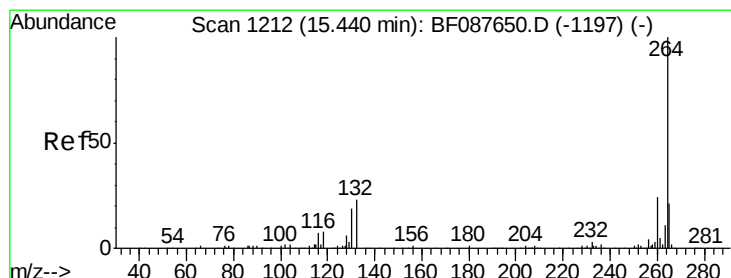
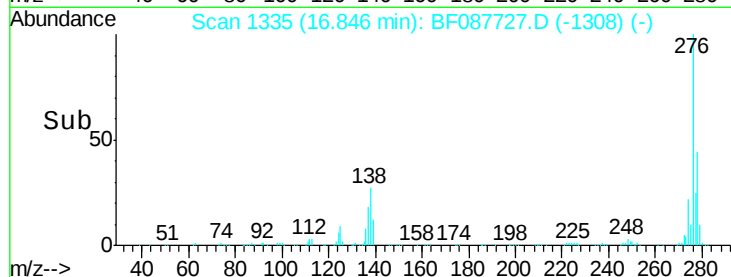
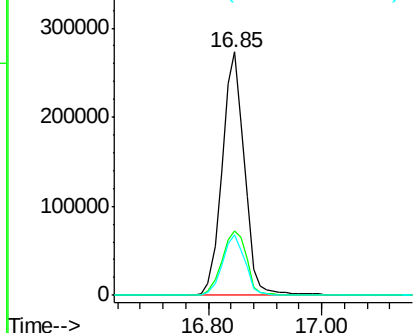
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.97 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tgt Ion: 276 Resp: 749761
 Ion Ratio Lower Upper
 276 100
 138 29.6 0.0 0.0#
 277 25.3 0.0 0.0#

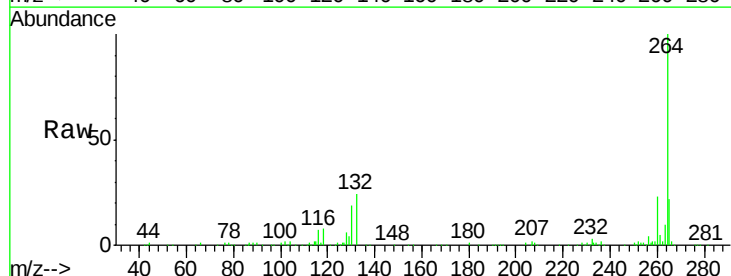


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

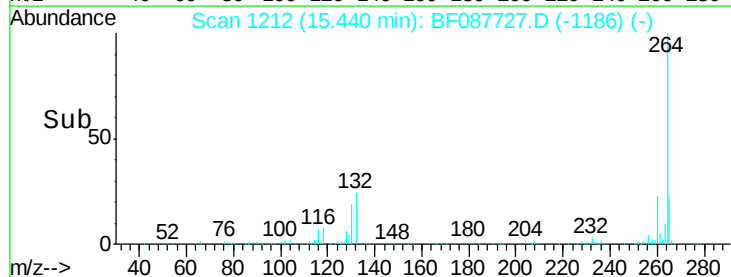
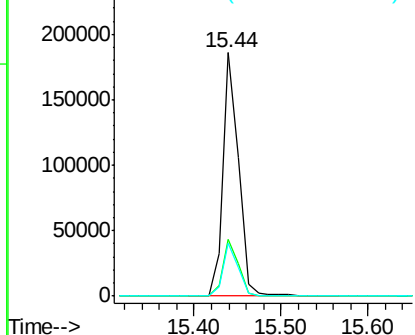


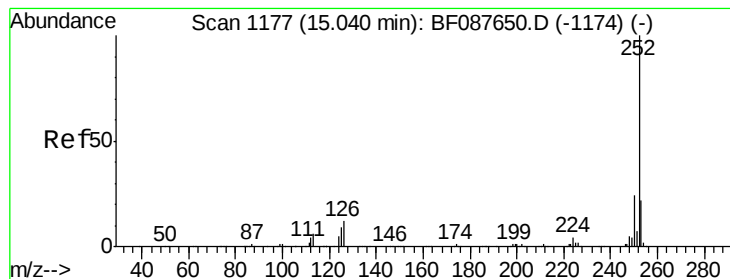
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087727.D
 Acq: 6 Jun 2016 00:52

Tgt Ion: 264 Resp: 234712
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.45 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

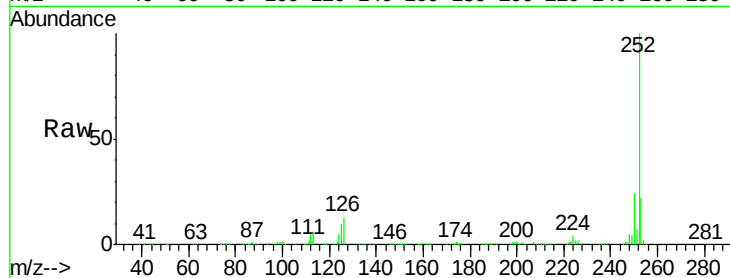
Tgt Ion:252 Resp: 770342

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

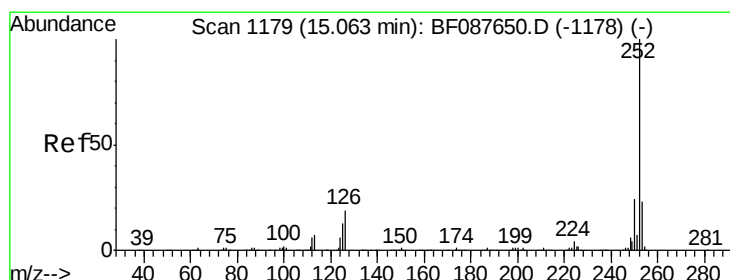
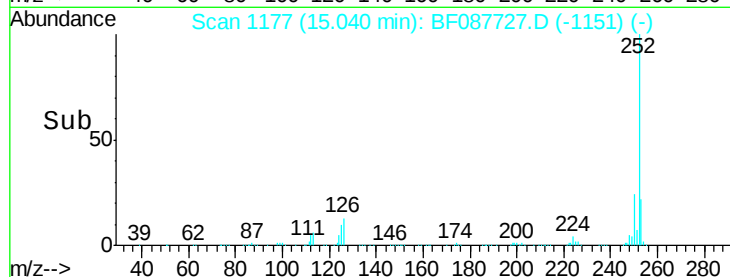
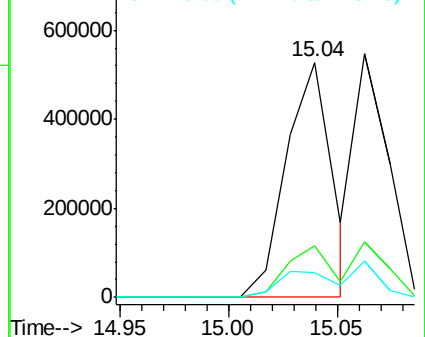
125 10.3 7.1 10.7



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



#88

Benzo(k)fluoranthene

Concen: 60.64 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

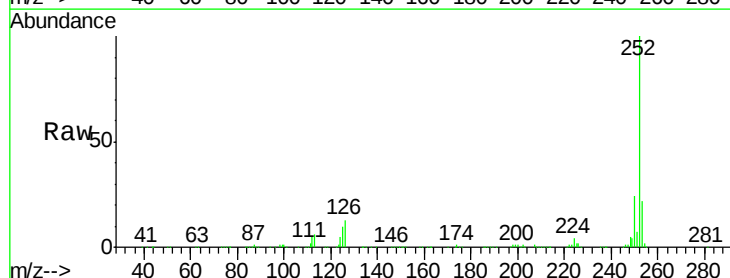
Tgt Ion:252 Resp: 770342

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

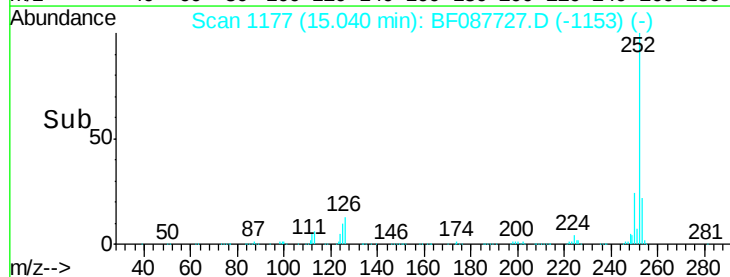
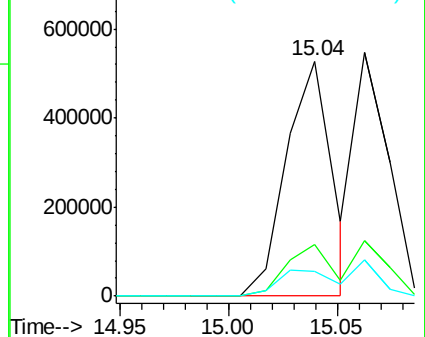
125 10.3 11.2 16.8#

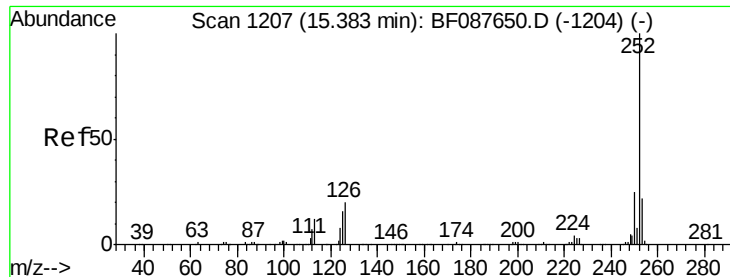


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.38 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD

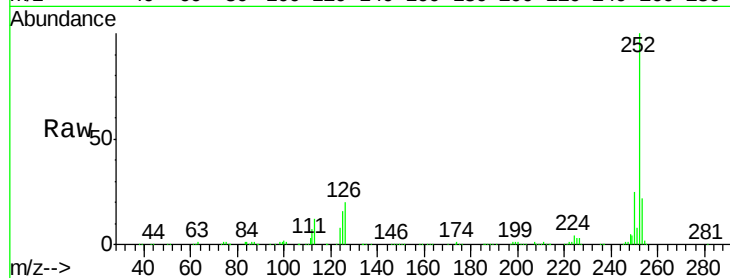
Tgt Ion:252 Resp: 672261

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

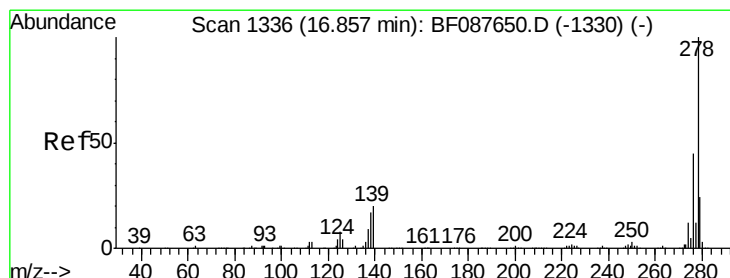
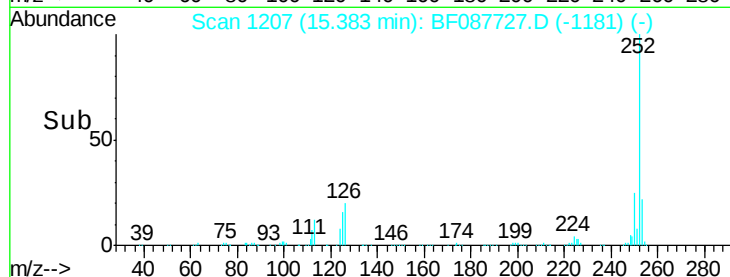
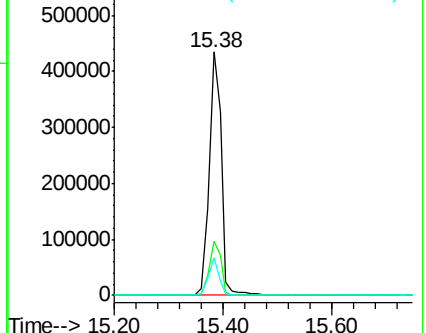
125 15.6 12.5 18.7



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: 57.13 ng

RT: 16.87 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF087727.D

Acq: 6 Jun 2016 00:52

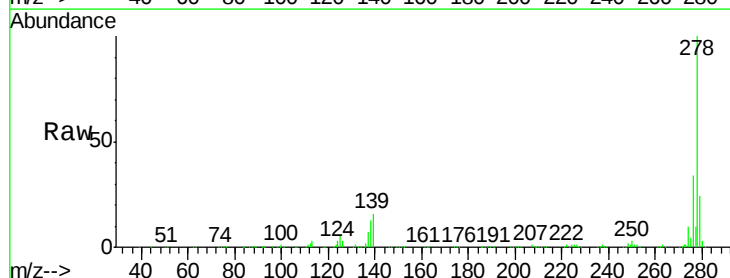
Tgt Ion:278 Resp: 623961

Ion Ratio Lower Upper

278 100

139 15.8 15.7 23.5

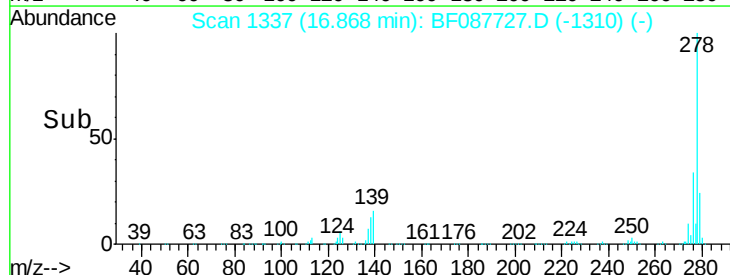
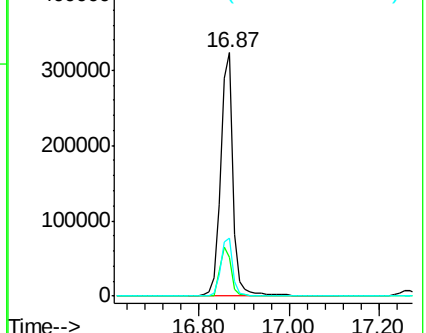
279 23.8 19.4 29.2

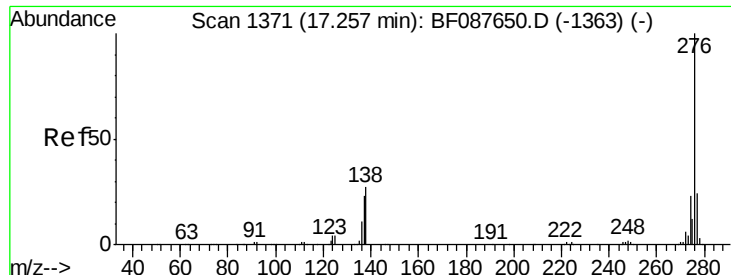


Abundance Ion 278.00 (277.70 to 278.70): E

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: 57.13 ng

RT: 17.27 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF087727.D

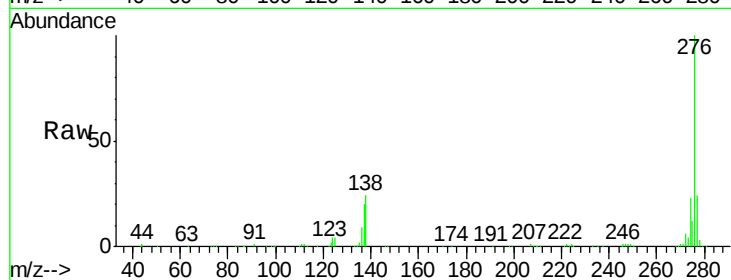
Acq: 6 Jun 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SB-7MSD



Tgt Ion: 276 Resp: 629596

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 23.9 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

