

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085858.D
 Acq On : 29 Mar 2016 19:36
 Operator : UM/SJ
 Sample : H1970-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Quant Time: Mar 29 23:51:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110924	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	463503	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	207963	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	402215	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	304148	20.00	ng	-0.01
86) Perylene-d12	15.39	264	222479	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	865647	129.97	ng	0.00
7) Phenol-d6	6.45	99	1214237	143.39	ng	-0.01
23) Nitrobenzene-d5	7.37	82	754821	91.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	302593	153.14	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1220068	98.02	ng	-0.02
78) Terphenyl-d14	12.92	244	1121741	75.85	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	125808	39.56	ng	99
3) Pyridine	3.13	79	322925	42.35	ng	100
4) n-Nitrosodimethylamine	3.09	42	163260	53.49	ng	99
6) Aniline	6.47	93	399988	35.09	ng	# 70
8) 2-Chlorophenol	6.60	128	380810	49.21	ng	97
9) Benzaldehyde	6.36	77	42125	8.26	ng	95
10) Phenol	6.47	94	404335	42.14	ng	# 64
11) bis(2-Chloroethyl)ether	6.55	93	363868	49.28	ng	98
12) 1,3-Dichlorobenzene	6.74	146	365715	43.89	ng	# 94
13) 1,4-Dichlorobenzene	6.82	146	390700	46.23	ng	96
14) 1,2-Dichlorobenzene	6.97	146	338872	43.03	ng	94
15) Benzyl Alcohol	6.95	79	288525	51.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	422031	43.08	ng	94
17) 2-Methylphenol	7.08	107	318545	51.42	ng	99
18) Hexachloroethane	7.32	117	133716	43.21	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	239931	47.32	ng	93
20) 3+4-Methylphenols	7.22	107	342251	45.95	ng	97
22) Acetophenone	7.22	105	467303	43.28	ng	# 97
24) Nitrobenzene	7.40	77	399547	47.09	ng	95
25) Isophorone	7.64	82	723883	45.65	ng	97
26) 2-Nitrophenol	7.72	139	218168	51.40	ng	94
27) 2,4-Dimethylphenol	7.75	122	319393	43.05	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	433157	47.95	ng	98
29) 2,4-Dichlorophenol	7.96	162	307739	49.34	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	312510	45.13	ng	97
31) Naphthalene	8.12	128	1070380	45.83	ng	99
32) Benzoic acid	7.75	122	319393	64.82	ng	# 15
33) 4-Chloroaniline	8.17	127	242680	25.45	ng	96
34) Hexachlorobutadiene	8.23	225	151391	40.23	ng	99
35) Caprolactam	8.55	113	62201	28.15	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	352759	48.42	ng	91
37) 2-Methylnaphthalene	8.80	142	671798	50.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	266514	43.22	ng	99
40) Hexachlorocyclopentadiene	8.96	237	209028	81.17	ng	99

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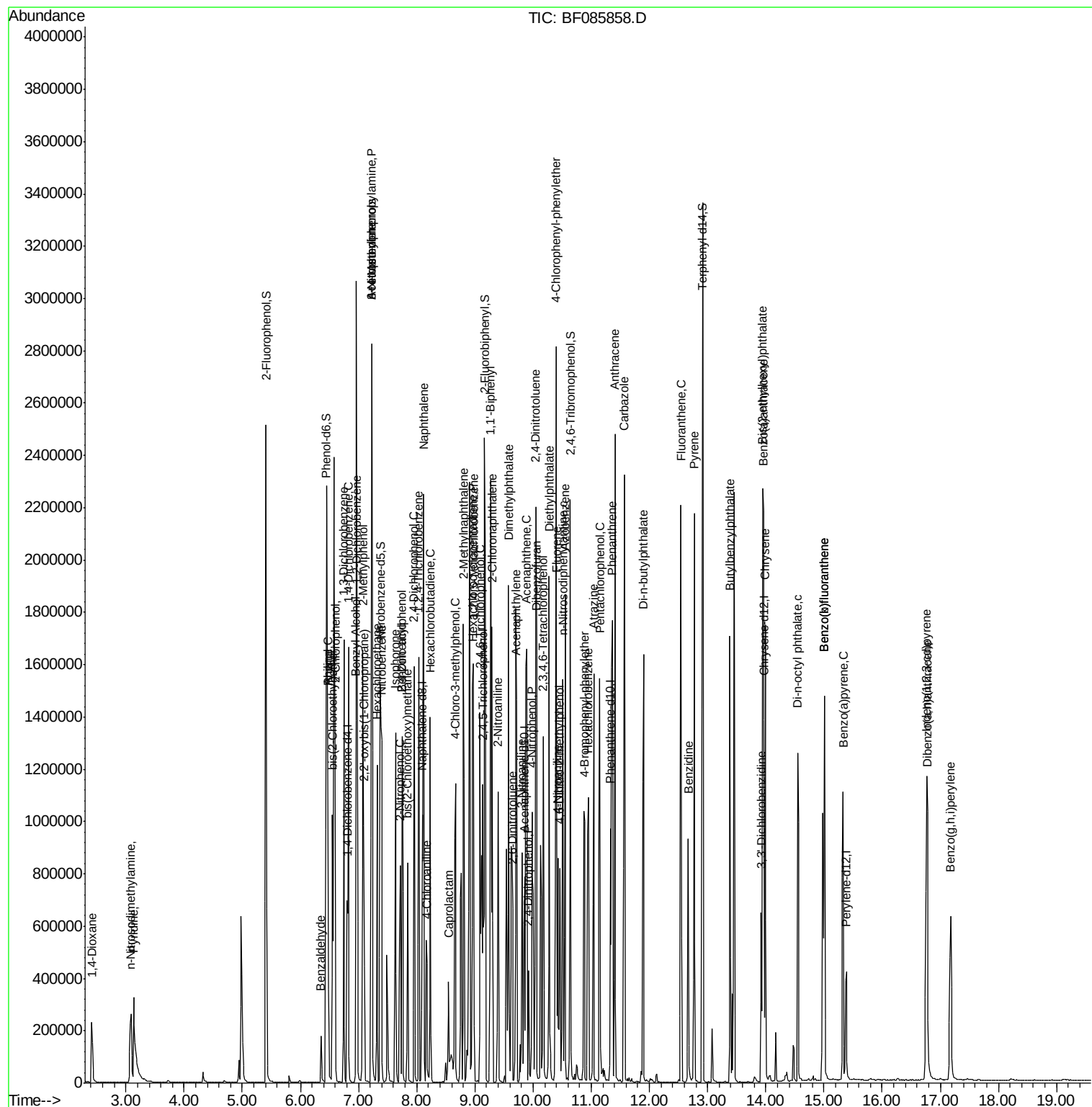
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194446	46.68	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	206720	47.33	ng #	81
45) 1,1'-Biphenyl	9.27	154	737293	42.01	ng	99
46) 2-Chloronaphthalene	9.29	162	581997	45.10	ng #	92
47) 2-Nitroaniline	9.40	65	189621	48.06	ng	94
48) Acenaphthylene	9.72	152	985165	46.86	ng	99
49) Dimethylphthalate	9.58	163	906348	57.44	ng	100
50) 2,6-Dinitrotoluene	9.65	165	172214	50.71	ng #	57
51) Acenaphthene	9.89	154	582562	45.36	ng	99
52) 3-Nitroaniline	9.81	138	139035	35.77	ng	96
53) 2,4-Dinitrophenol	9.92	184	60543	38.66	ng #	79
54) Dibenzofuran	10.06	168	861044	51.80	ng	96
55) 4-Nitrophenol	9.98	139	239562	94.59	ng	88
56) 2,4-Dinitrotoluene	10.05	165	204853	47.46	ng #	63
57) Fluorene	10.40	166	661644	47.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	158492	52.21	ng	99
59) Diethylphthalate	10.28	149	707561	45.39	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	323145	47.83	ng	90
61) 4-Nitroaniline	10.42	138	175580	47.22	ng	91
62) Azobenzene	10.55	77	788939	52.67	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	110062	46.73	ng #	72
65) n-Nitrosodiphenylamine	10.52	169	612834	48.11	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	194209	47.20	ng #	87
67) Hexachlorobenzene	10.95	284	210400	48.89	ng #	91
68) Atrazine	11.04	200	197660	45.96	ng	99
69) Pentachlorophenol	11.14	266	209056	98.95	ng	99
70) Phenanthrene	11.36	178	1001583	48.50	ng	99
71) Anthracene	11.41	178	937128	43.22	ng	99
72) Carbazole	11.57	167	968646	53.21	ng	99
73) Di-n-butylphthalate	11.90	149	1157200	46.33	ng	99
74) Fluoranthene	12.54	202	903739	41.17	ng	97
76) Benzidine	12.67	184	354370	33.08	ng	98
77) Pyrene	12.77	202	918556	36.74	ng	99
79) Butylbenzylphthalate	13.39	149	416429	39.77	ng #	75
80) Benzo(a)anthracene	13.96	228	739049	42.61	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	151837	12.62	ng #	96
82) Chrysene	13.99	228	626262	35.85	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	516007	41.16	ng #	98
84) Di-n-octyl phthalate	14.55	149	870775	46.71	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	603737	44.76	ng	99
87) Benzo(b)fluoranthene	15.01	252	1200992	85.69	ng	98
88) Benzo(k)fluoranthene	15.01	252	1201268	95.07	ng	99
89) Benzo(a)pyrene	15.33	252	570389	45.83	ng #	97
90) Dibenzo(a,h)anthracene	16.78	278	509509	44.07	ng	97
91) Benzo(g,h,i)perylene	17.18	276	506823	43.29	ng	98

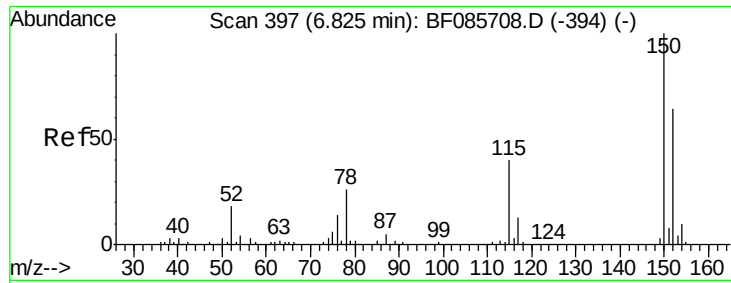
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

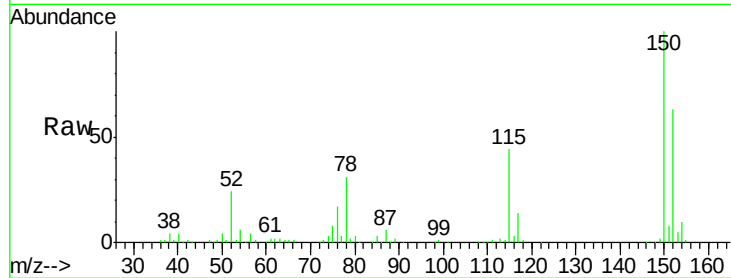
Tgt Ion:152 Resp: 110924

Ion Ratio Lower Upper

152 100

150 159.4 124.2 186.2

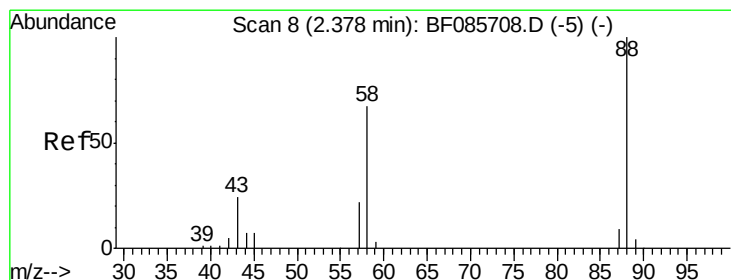
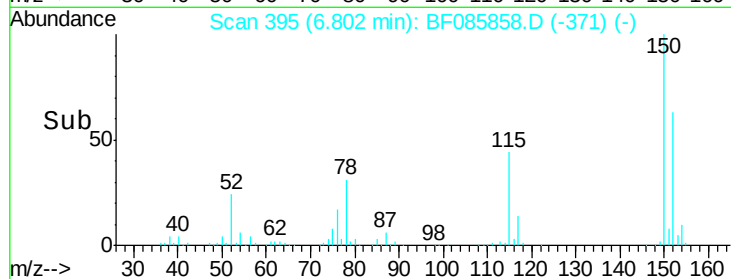
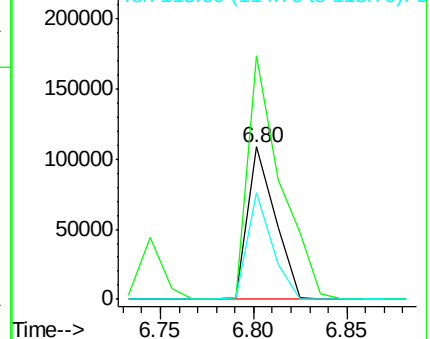
115 69.5 47.0 70.6



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: 39.56 ng

RT: 2.41 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

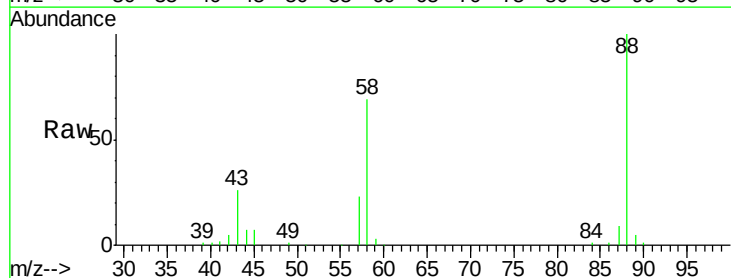
Tgt Ion: 88 Resp: 125808

Ion Ratio Lower Upper

88 100

58 68.1 54.2 81.2

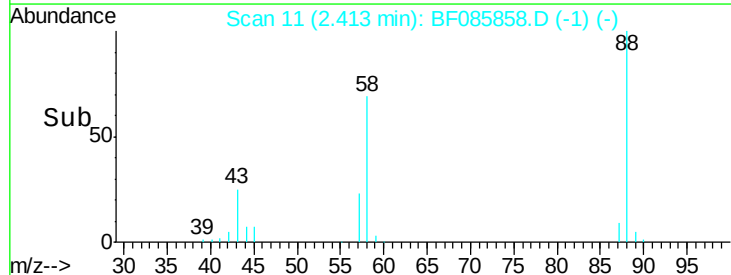
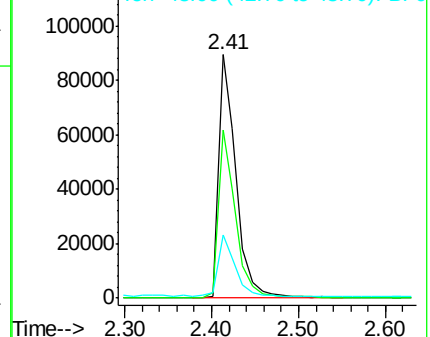
43 24.8 19.3 28.9

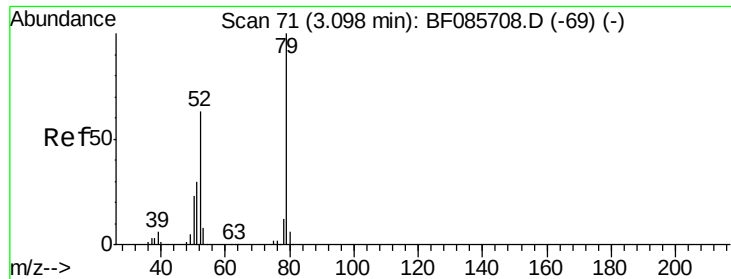


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.35 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.03 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

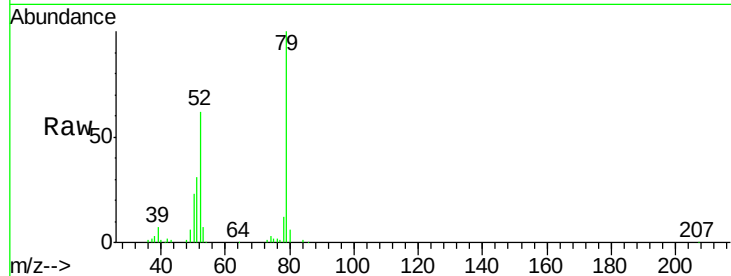
Tgt Ion: 79 Resp: 322925

Ion Ratio Lower Upper

79 100

52 62.0 49.8 74.6

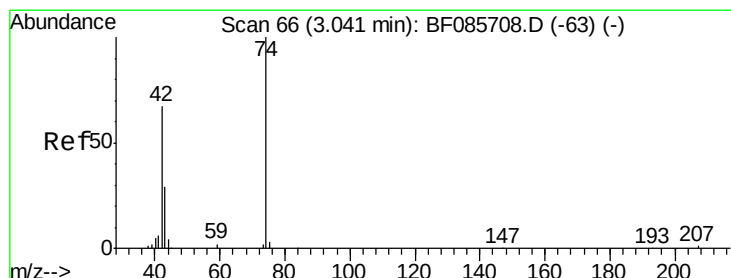
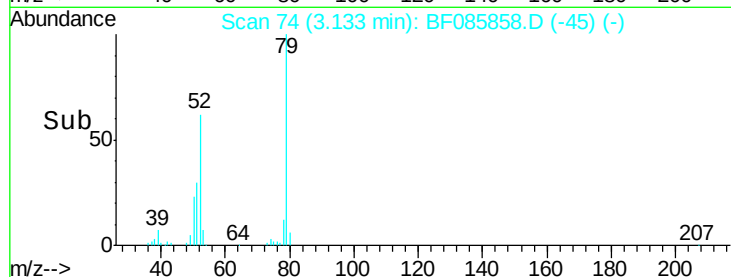
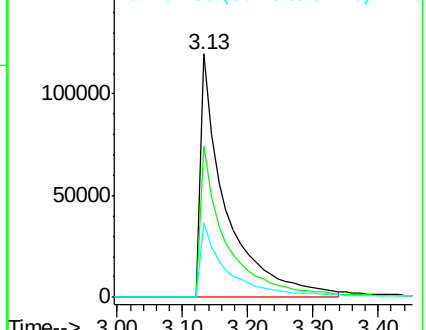
51 30.5 24.7 37.1



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: 53.49 ng

RT: 3.09 min Scan# 70

Delta R.T. 0.05 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

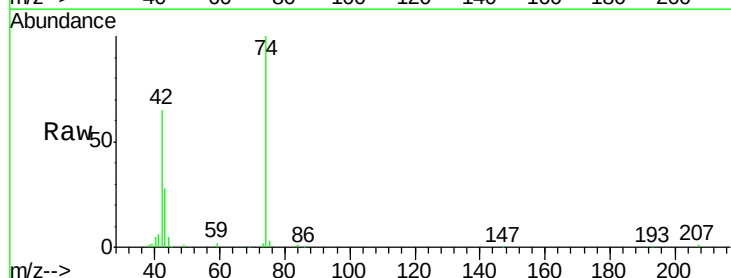
Tgt Ion: 42 Resp: 163260

Ion Ratio Lower Upper

42 100

74 153.5 121.4 182.2

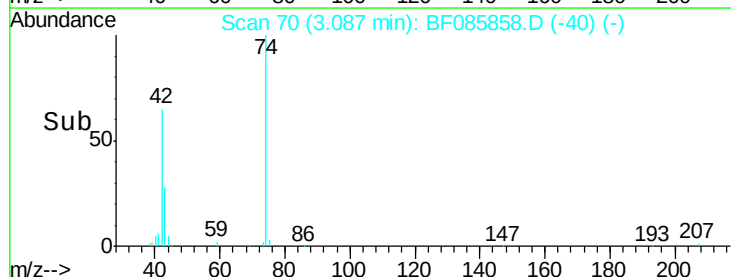
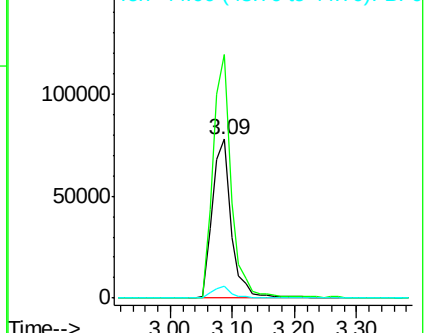
44 7.3 5.6 8.4

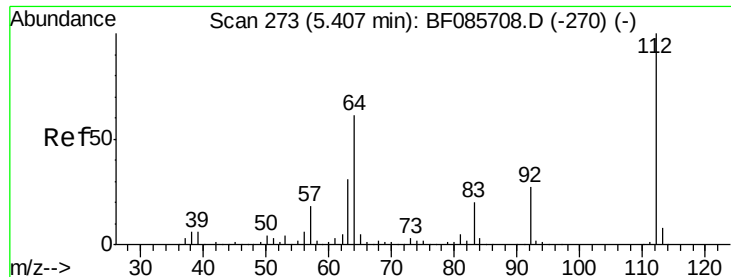


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.97 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

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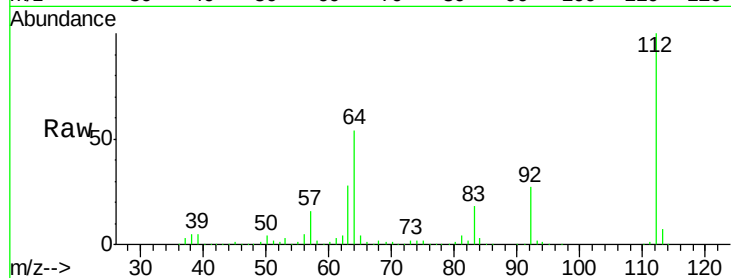
Tgt Ion: 112 Resp: 865647

Ion Ratio Lower Upper

112 100

64 54.4 39.9 59.9

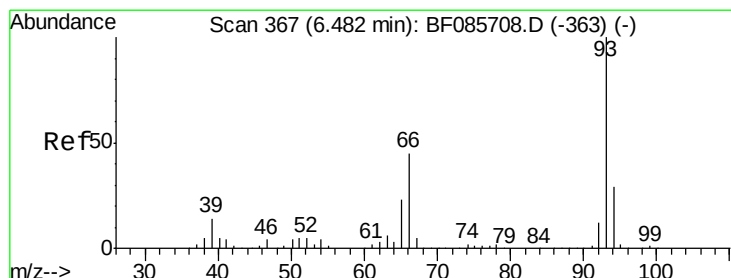
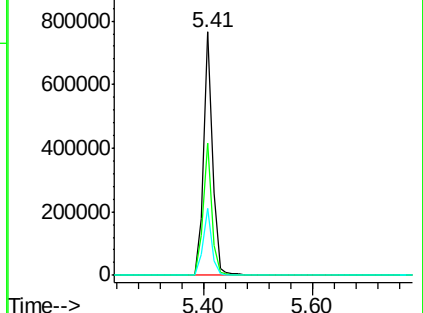
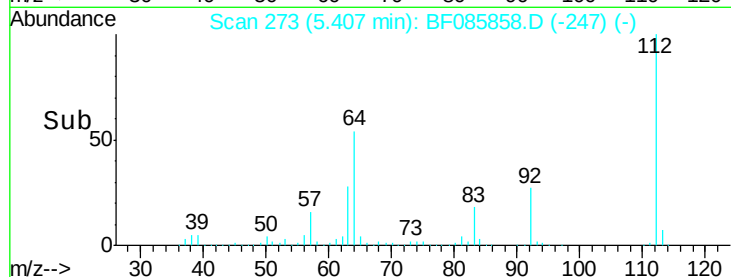
63 27.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.09 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

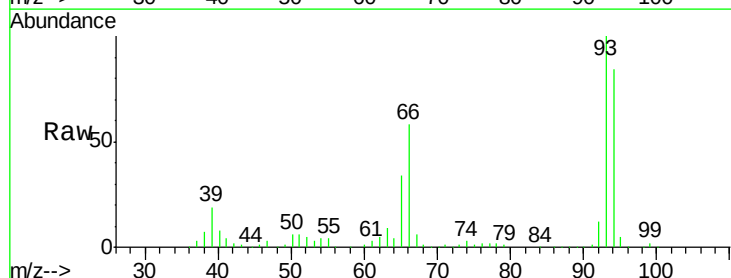
Tgt Ion: 93 Resp: 399988

Ion Ratio Lower Upper

93 100

66 57.8 31.4 47.2#

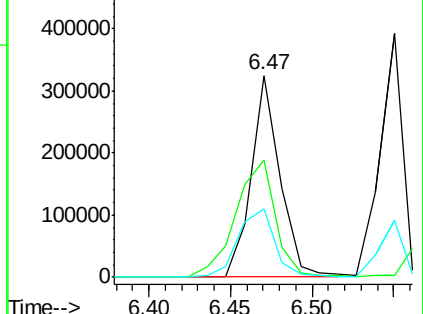
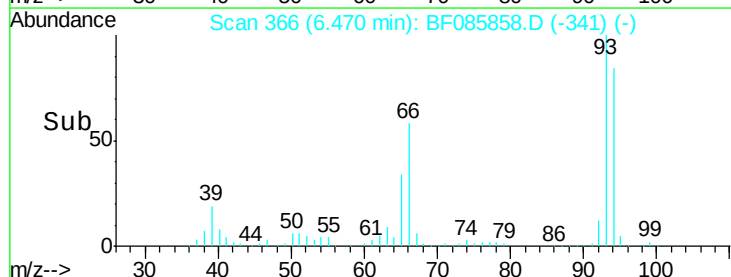
65 33.6 15.7 23.5#

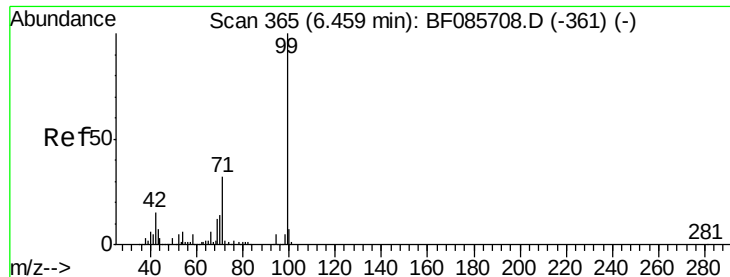


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.39 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

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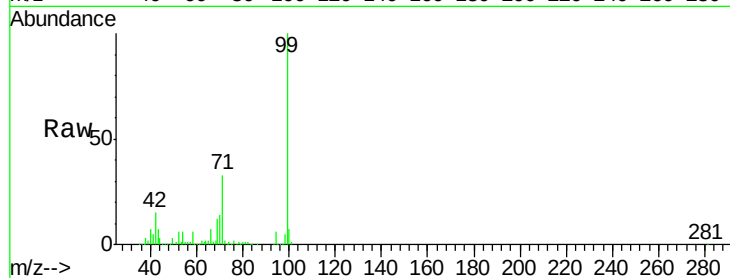
Tgt Ion: 99 Resp: 1214237

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

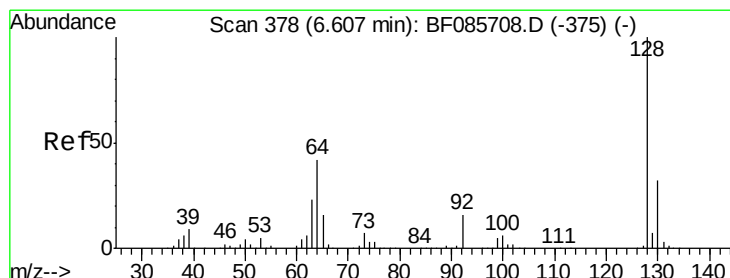
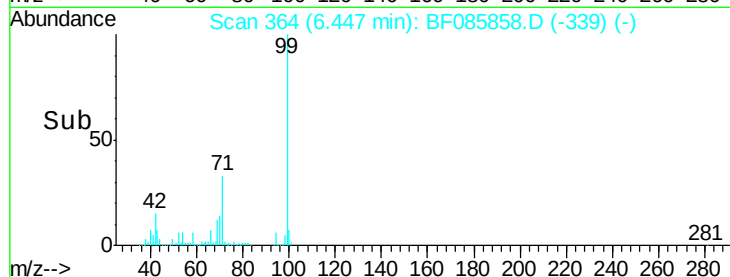
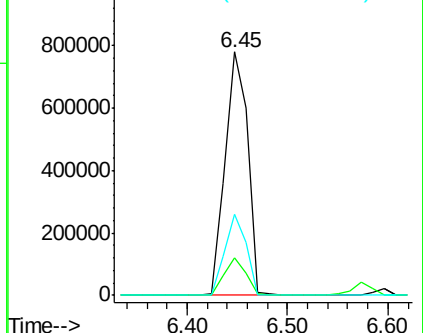
71 33.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.21 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

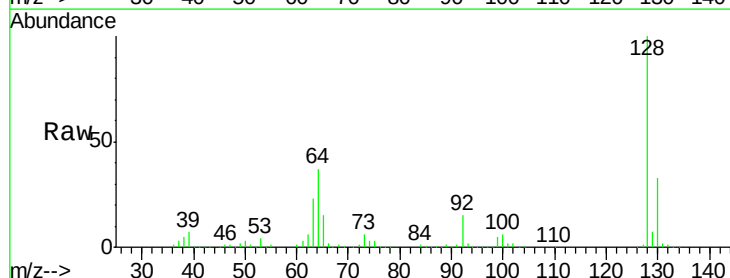
Tgt Ion: 128 Resp: 380810

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

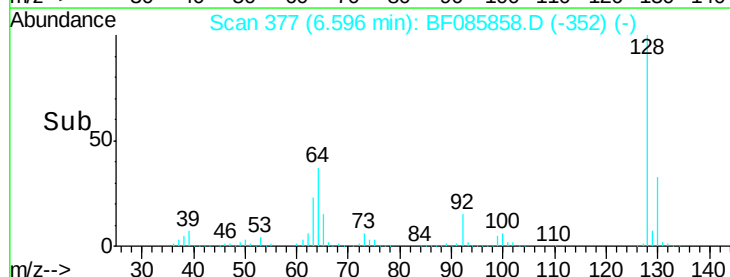
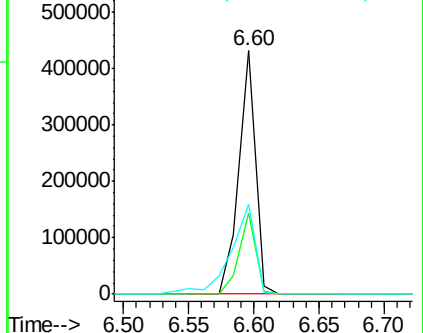
64 37.1 20.2 60.2

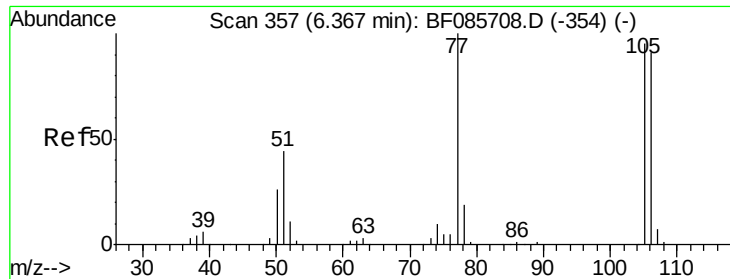


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.26 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

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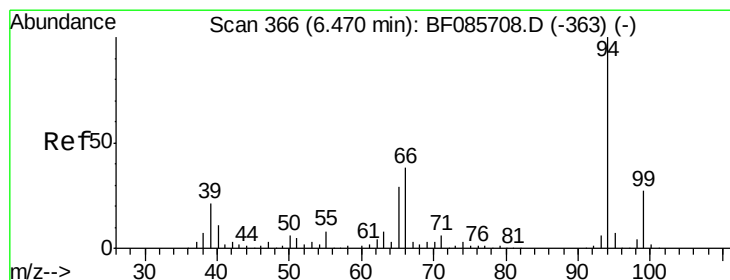
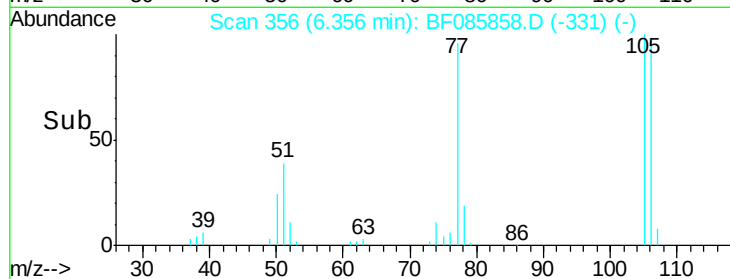
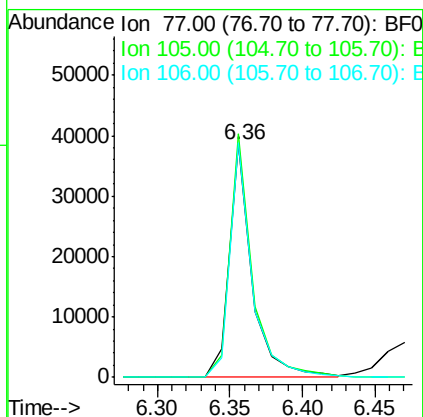
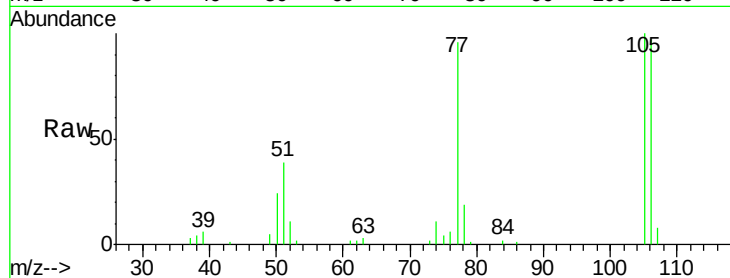
Tgt Ion: 77 Resp: 42125

Ion Ratio Lower Upper

77 100

105 104.4 80.1 120.1

106 100.8 75.0 115.0



#10

Phenol

Concen: 42.14 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

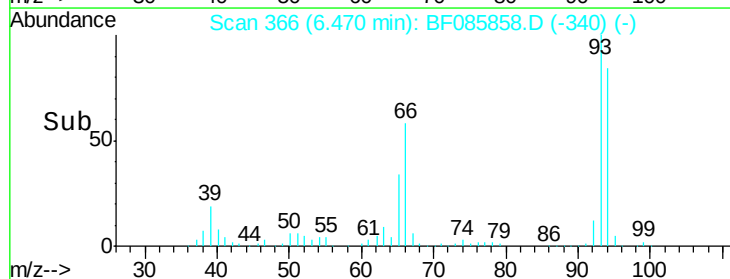
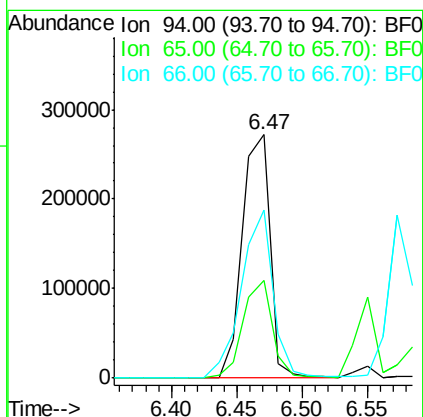
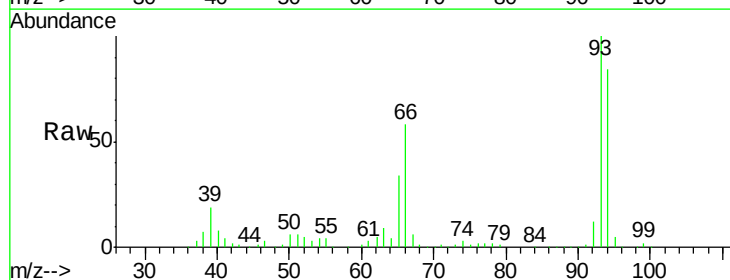
Tgt Ion: 94 Resp: 404335

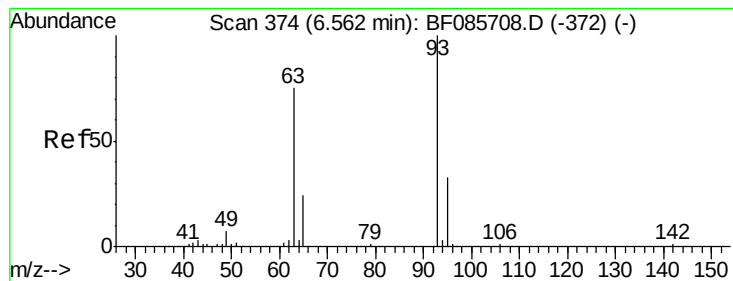
Ion Ratio Lower Upper

94 100

65 40.1 8.6 48.6

66 68.9 20.0 60.0#

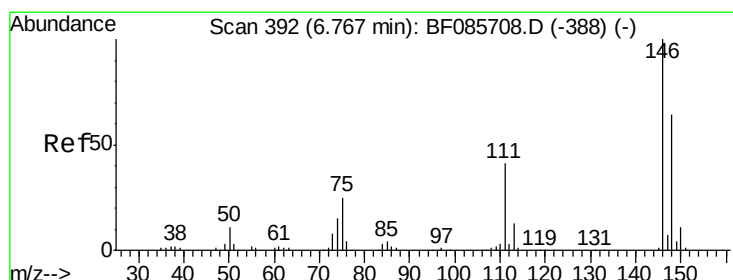
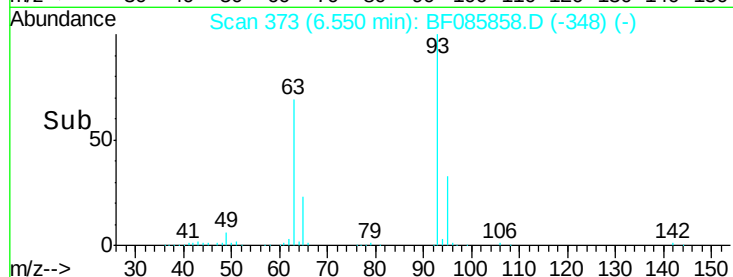
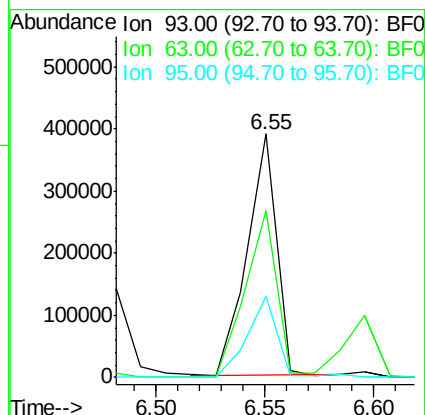
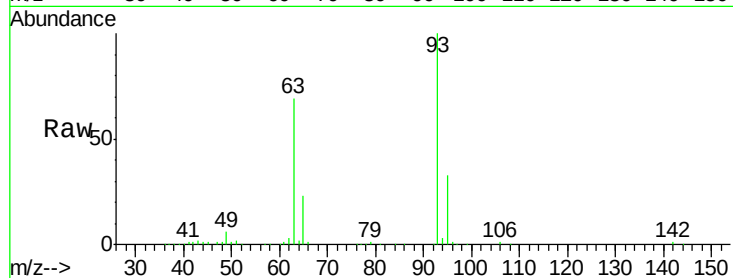




#11
bis(2-Chloroethyl)ether
Concen: 49.28 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

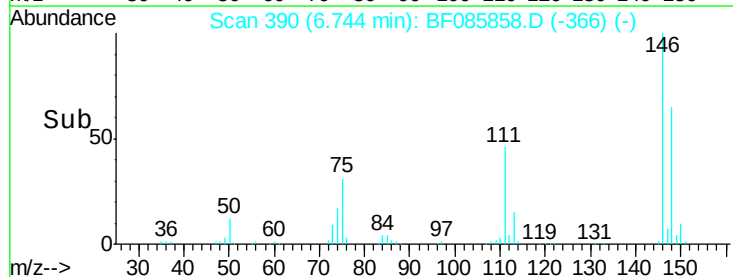
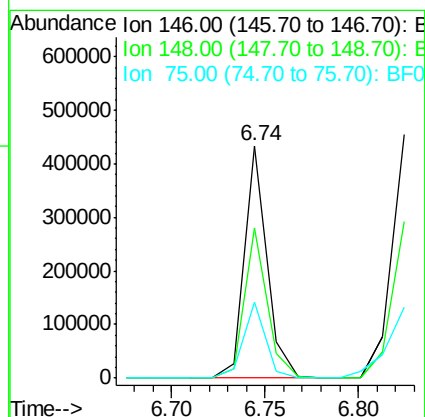
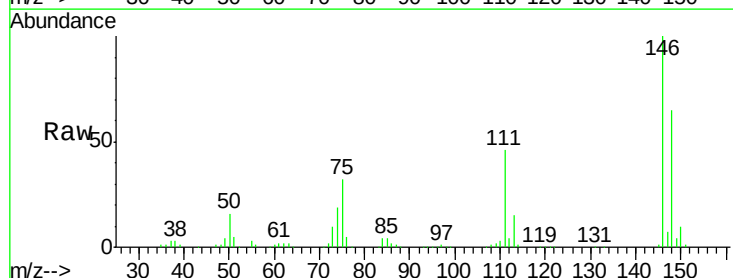
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

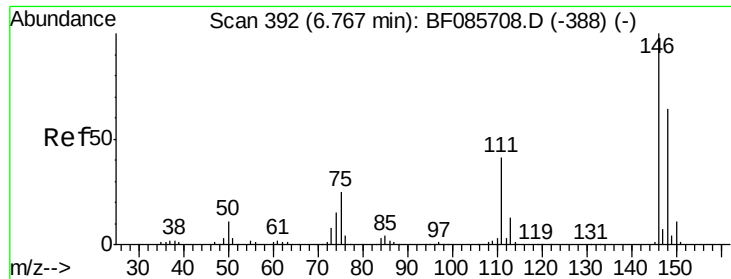
Tgt Ion: 93 Resp: 363868
Ion Ratio Lower Upper
93 100
63 68.5 50.9 90.9
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.89 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion: 146 Resp: 365715
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
75 32.4 17.4 26.2#

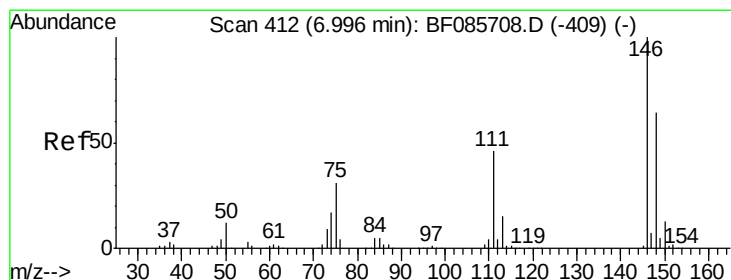
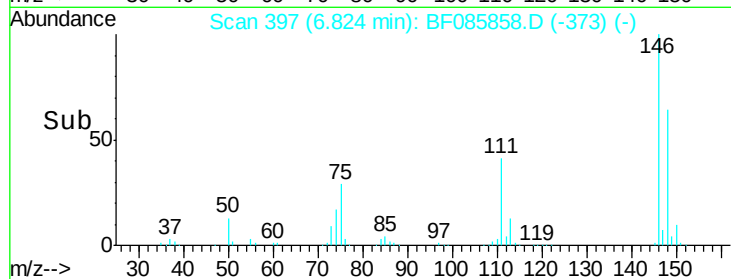
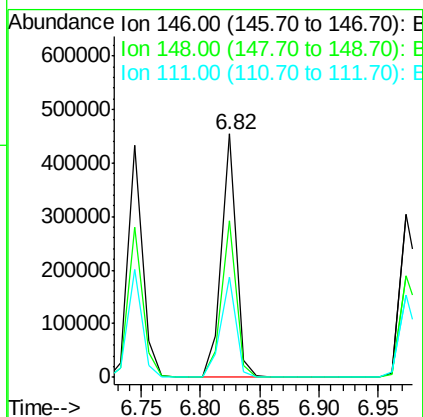
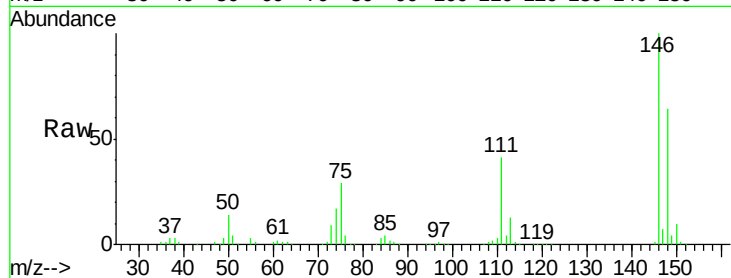




#13
 1,4-Dichlorobenzene
 Concen: 46.23 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

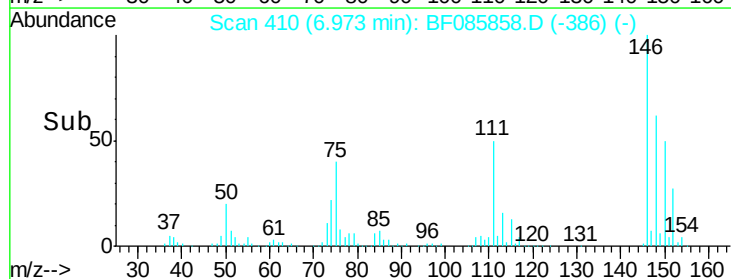
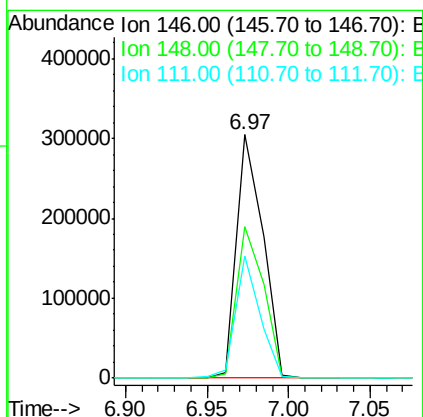
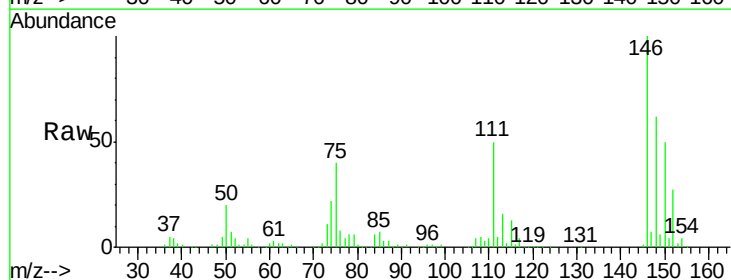
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

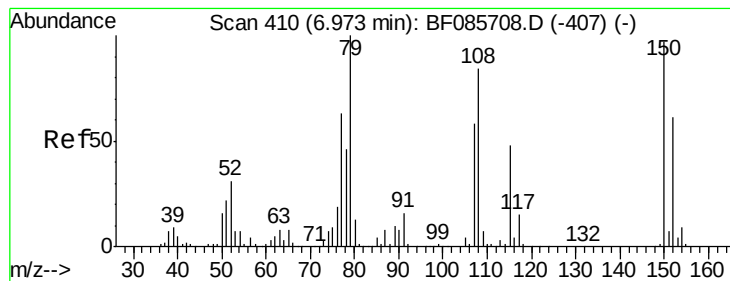
Tgt Ion:146 Resp: 390700
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 76.0
 111 41.2 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 43.03 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:146 Resp: 338872
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.4 77.2
 111 50.3 34.6 52.0





#15

Benzyl Alcohol

Concen: 51.07 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

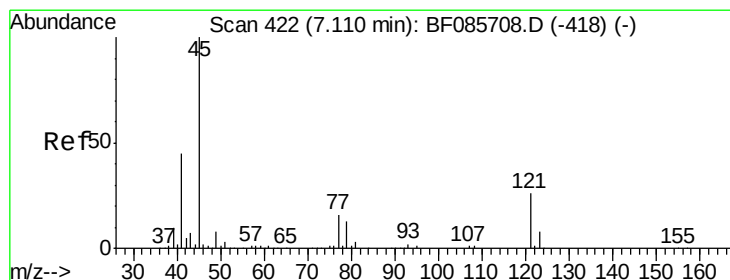
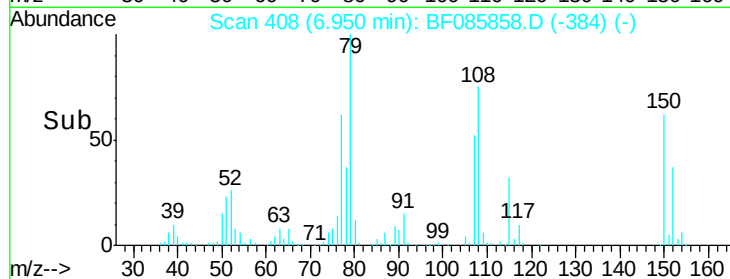
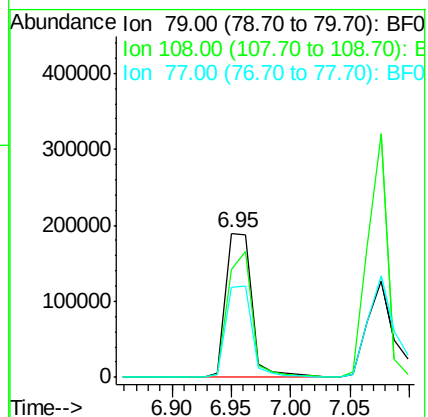
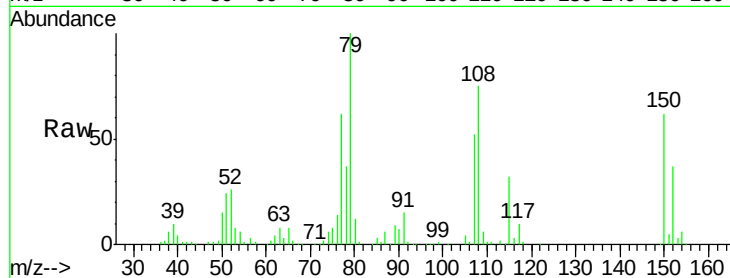
Tgt Ion: 79 Resp: 288525

Ion Ratio Lower Upper

79 100

108 75.0 61.8 92.6

77 62.4 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.08 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

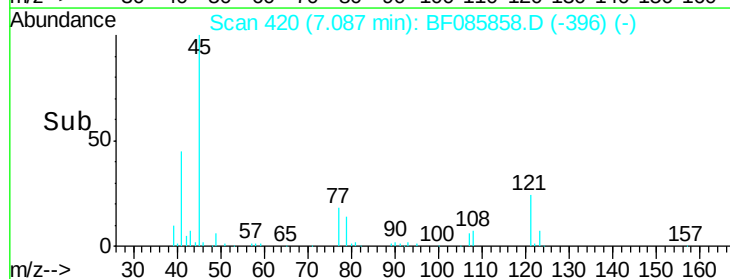
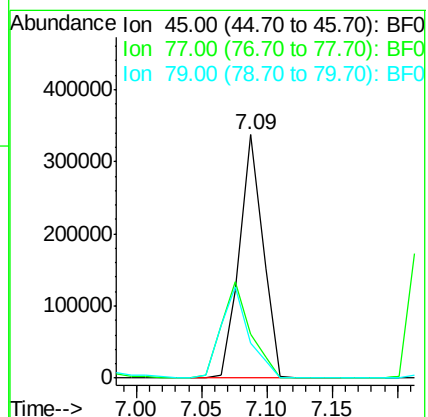
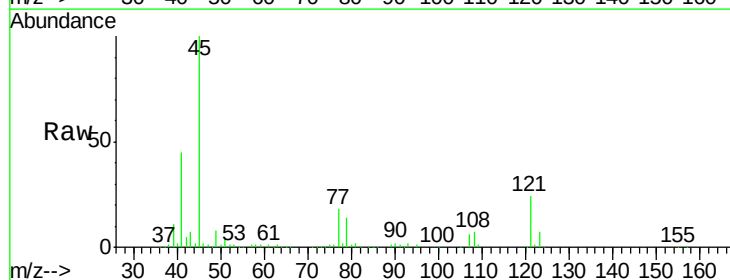
Tgt Ion: 45 Resp: 422031

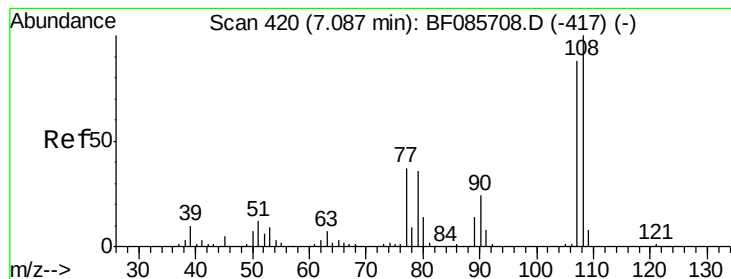
Ion Ratio Lower Upper

45 100

77 18.3 0.0 35.7

79 14.4 0.0 32.2





#17

2-Methylphenol

Concen: 51.42 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:107 Resp: 318545

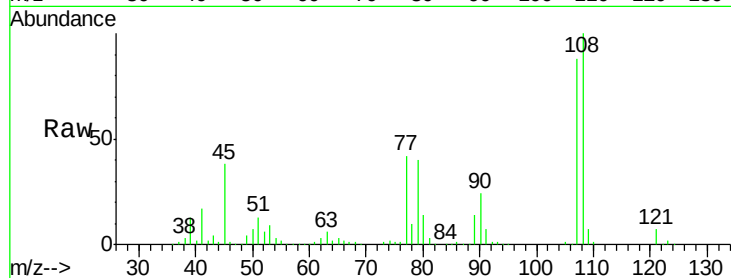
Ion Ratio Lower Upper

107 100

108 114.0 91.4 137.0

77 47.7 36.2 54.2

79 45.2 35.8 53.8

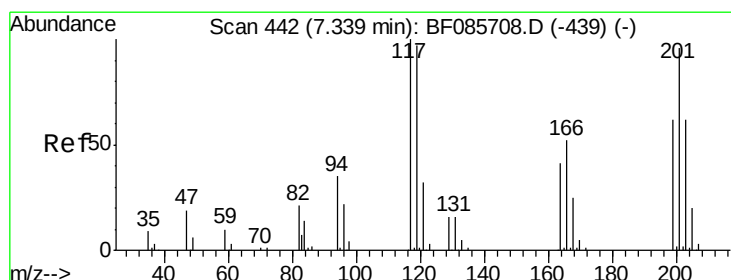
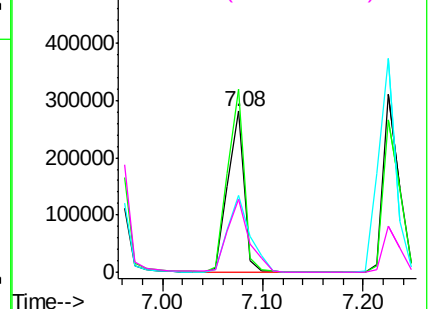
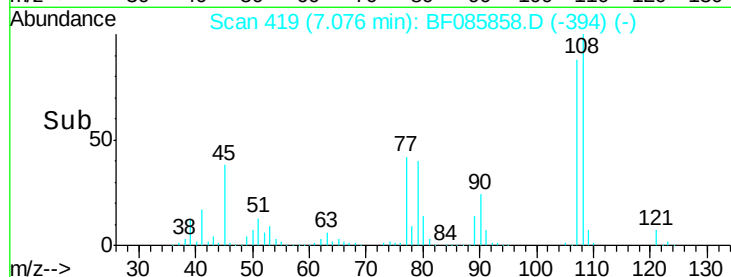


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.21 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

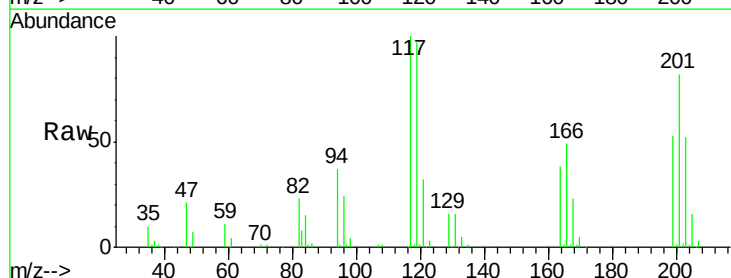
Tgt Ion:117 Resp: 133716

Ion Ratio Lower Upper

117 100

119 97.1 76.7 115.1

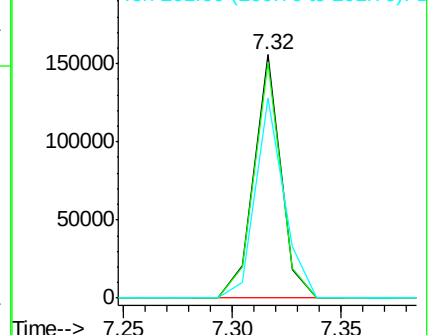
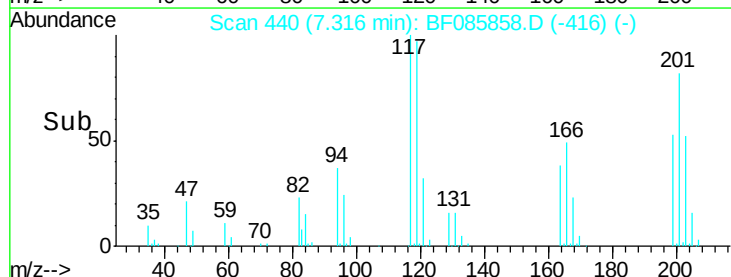
201 82.3 83.3 124.9#

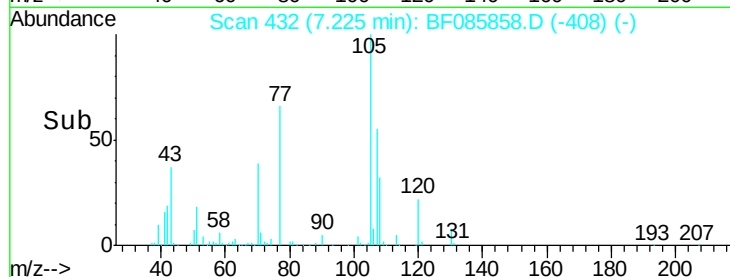
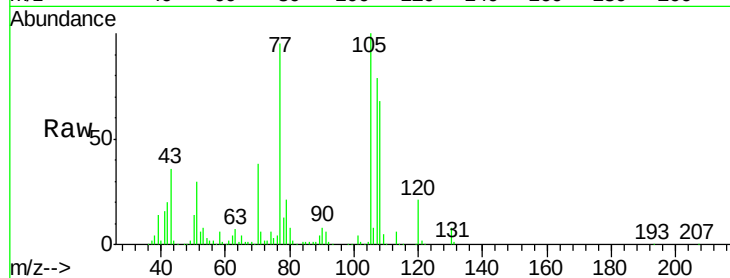
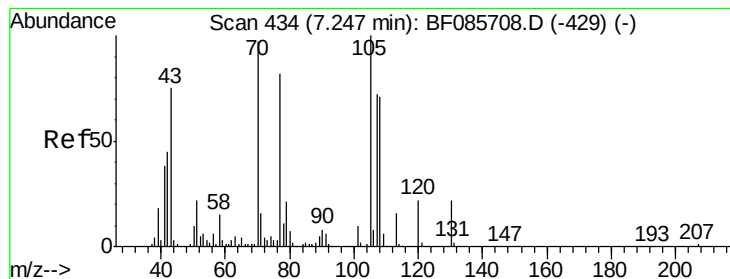


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.32 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion: 70 Resp: 239931

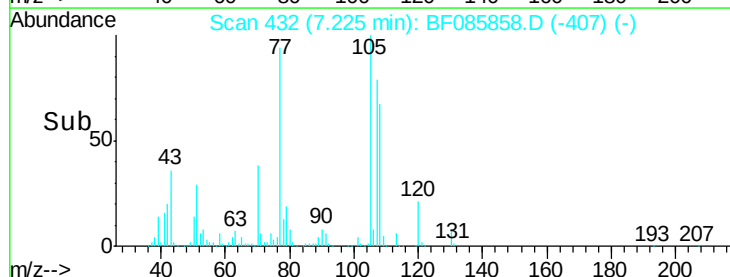
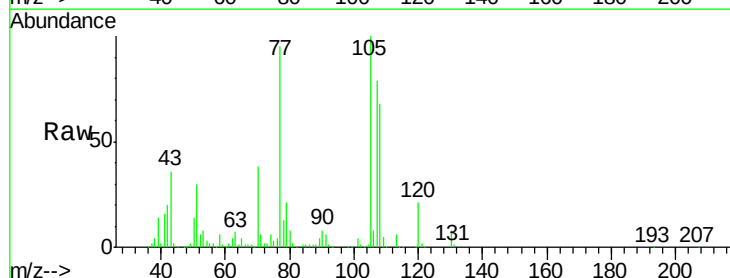
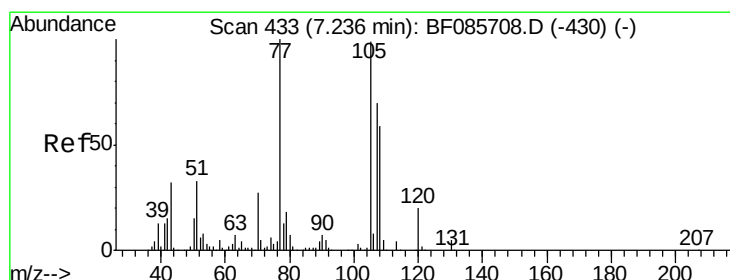
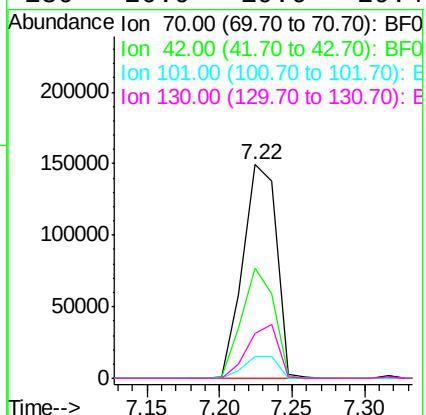
Ion Ratio Lower Upper

70 100

42 51.3 37.1 55.7

101 9.9 8.6 12.8

130 20.9 19.6 29.4



#20

3+4-Methylphenols

Concen: 45.95 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion: 107 Resp: 342251

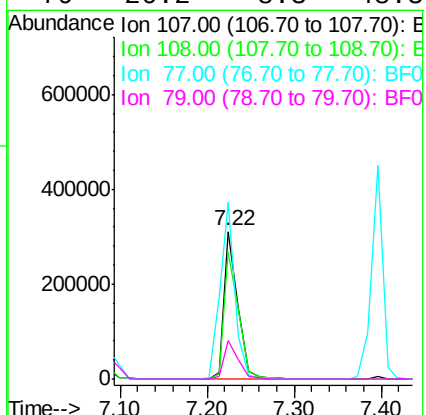
Ion Ratio Lower Upper

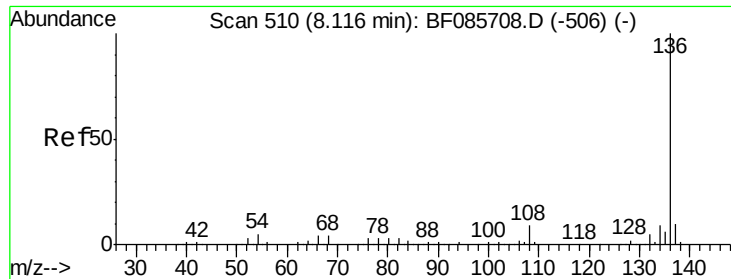
107 100

108 85.9 69.3 109.3

77 120.0 101.7 141.7

79 26.2 8.3 48.3

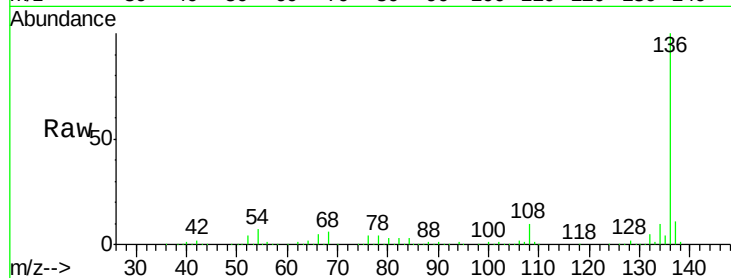




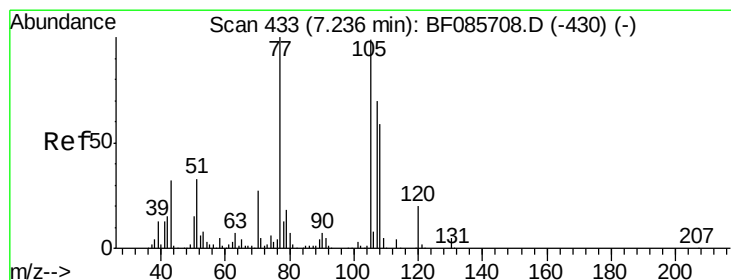
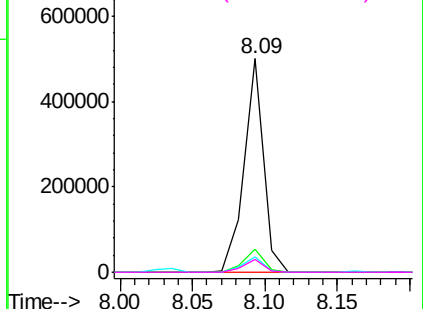
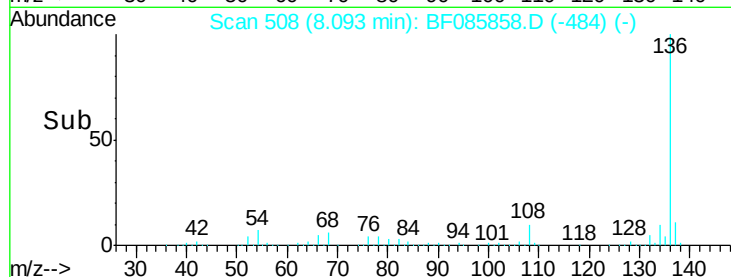
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:	136	Resp:	463503
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.0	7.4	11.0#
68	5.7	5.8	8.8#

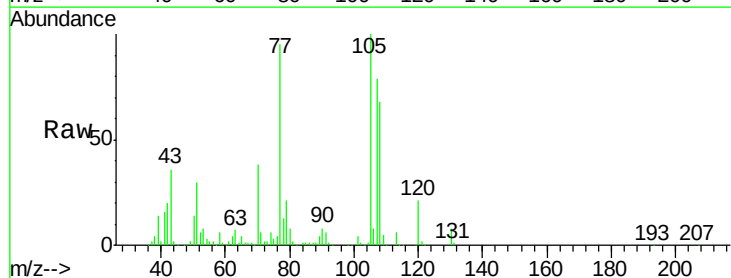


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

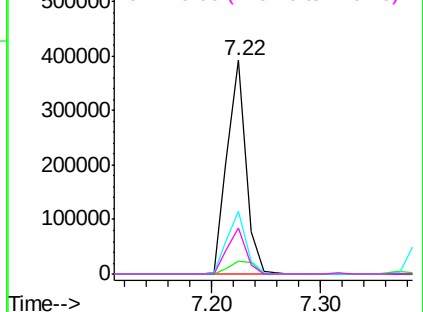
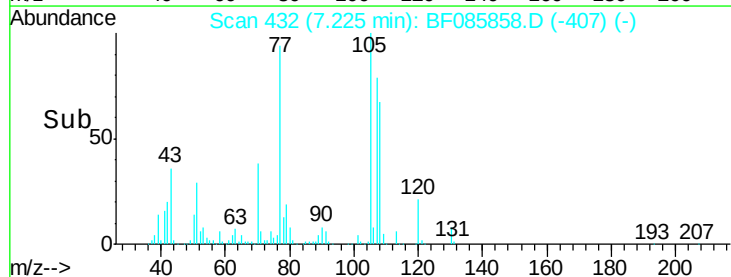


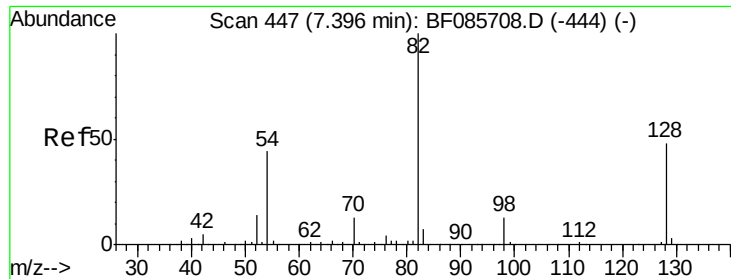
#22
Acetophenone
Concen: 43.28 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:	105	Resp:	467303
Ion Ratio	Lower	Upper	
105	100		
71	6.2	3.6	5.4#
51	29.5	25.4	38.0
120	21.4	16.9	25.3



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

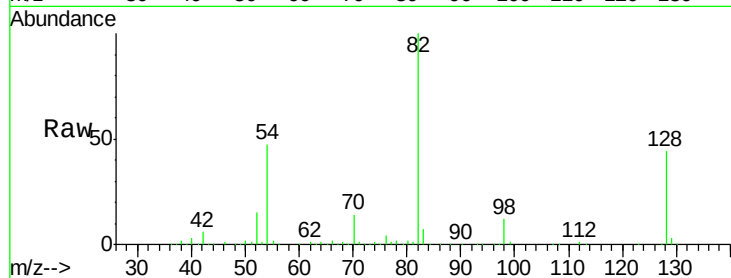




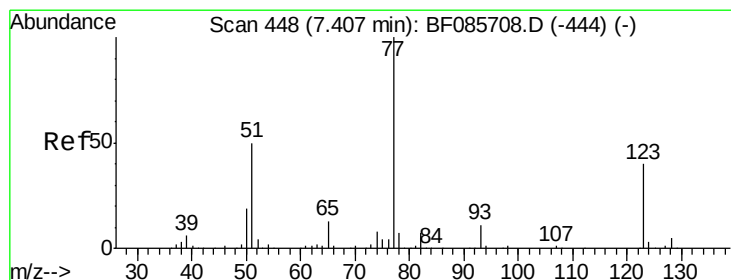
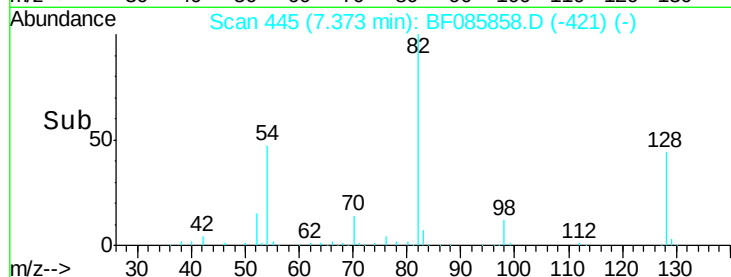
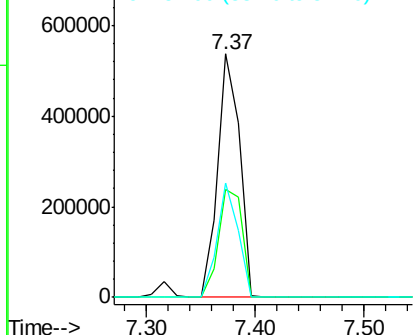
#23
 Nitrobenzene-d5
 Concen: 91.71 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion: 82 Resp: 754821
 Ion Ratio Lower Upper
 82 100
 128 44.1 41.8 62.8
 54 46.9 33.4 50.0

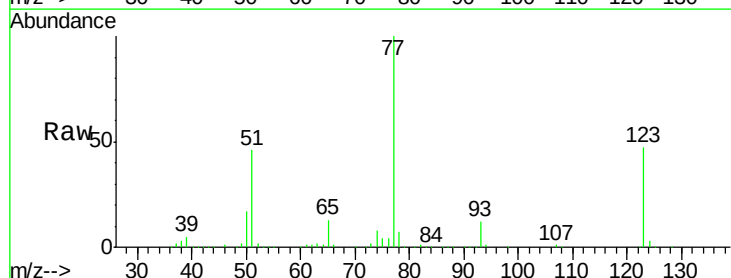


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

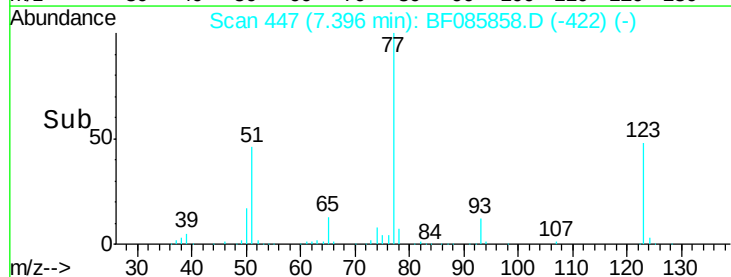
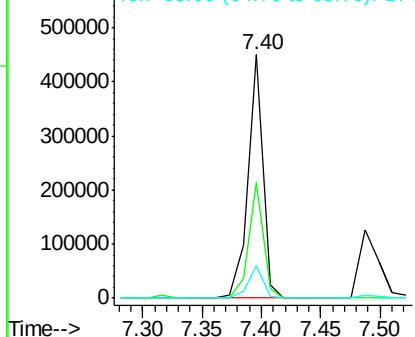


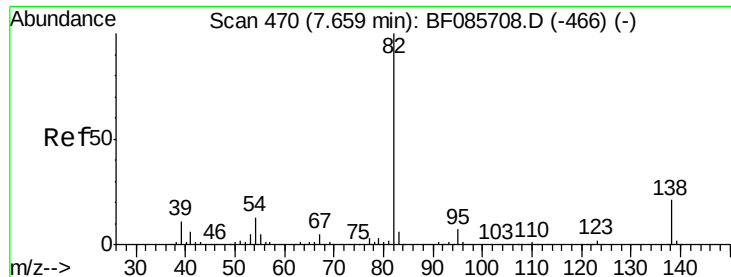
#24
 Nitrobenzene
 Concen: 47.09 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion: 77 Resp: 399547
 Ion Ratio Lower Upper
 77 100
 123 47.4 35.0 52.4
 65 13.1 10.6 16.0



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: 45.65 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

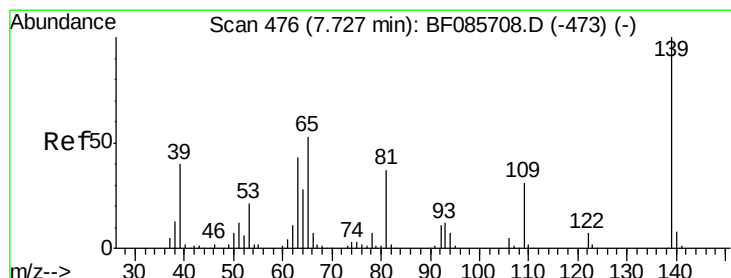
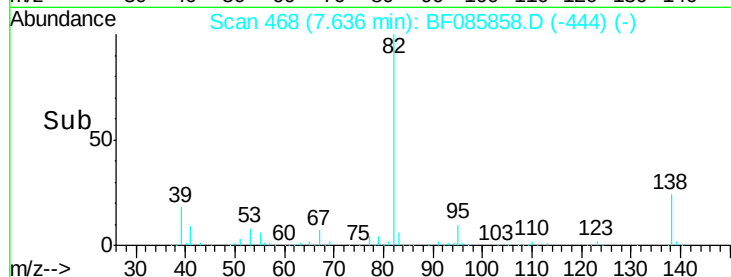
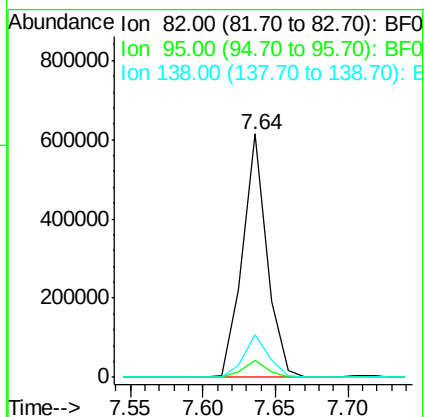
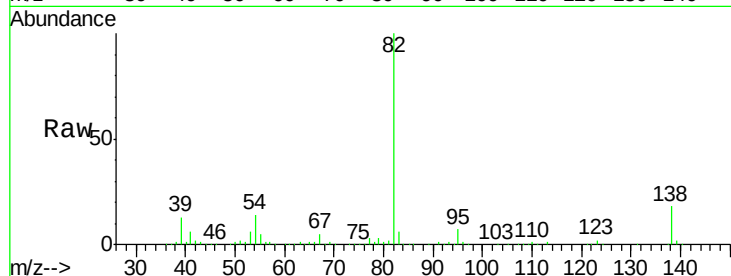
Tgt Ion: 82 Resp: 723883

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.5 12.9 19.3



#26

2-Nitrophenol

Concen: 51.40 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

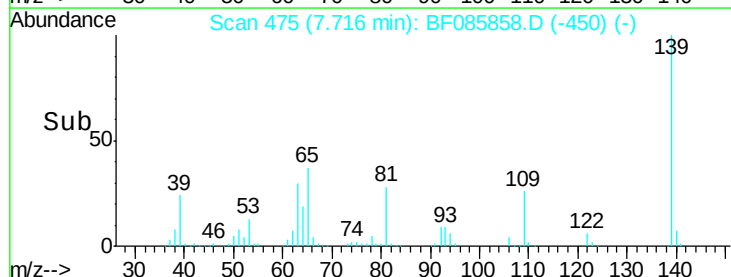
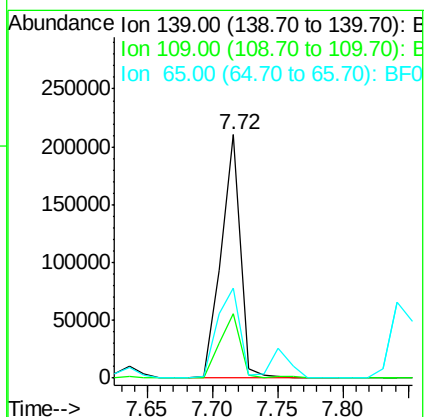
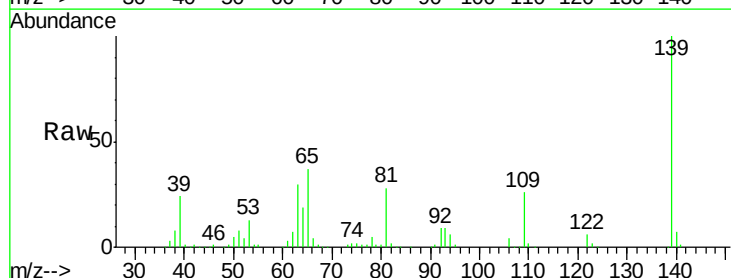
Tgt Ion: 139 Resp: 218168

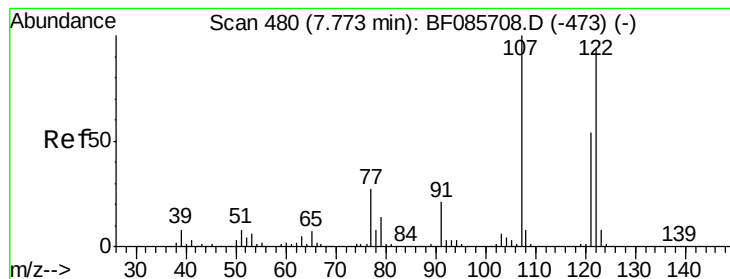
Ion Ratio Lower Upper

139 100

109 26.3 22.1 33.1

65 36.9 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 43.05 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

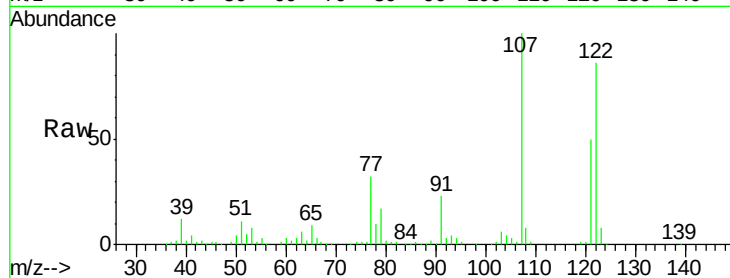
Tgt Ion:122 Resp: 319393

Ion Ratio Lower Upper

122 100

107 116.4 93.0 139.6

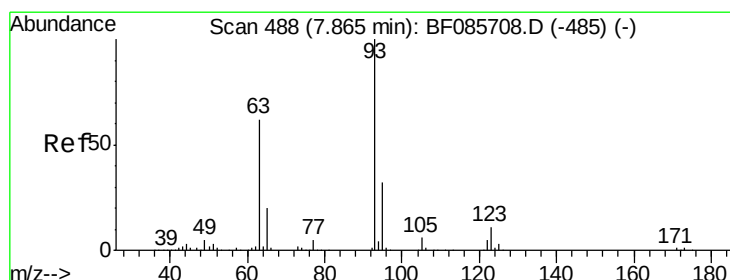
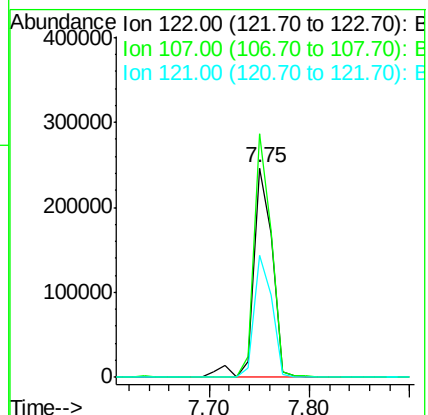
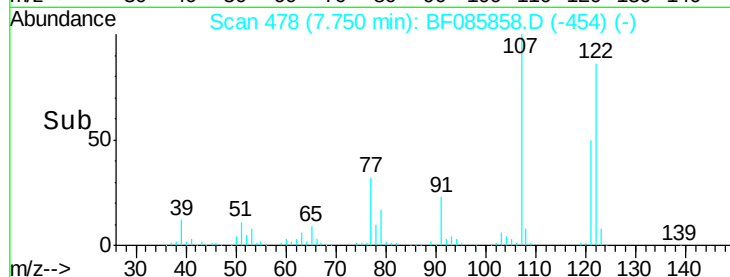
121 58.3 45.9 68.9



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: 47.95 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

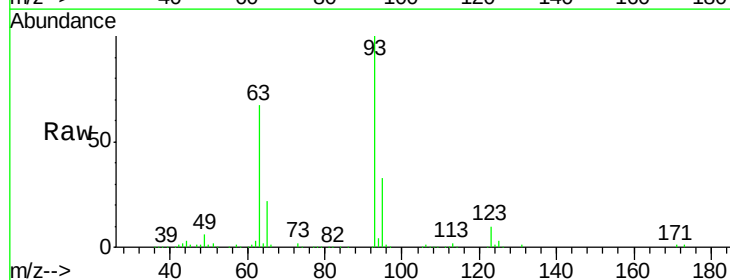
Tgt Ion: 93 Resp: 433157

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

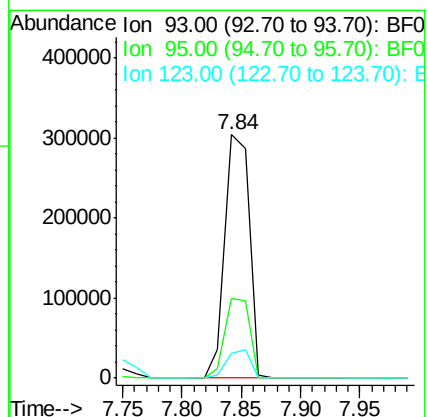
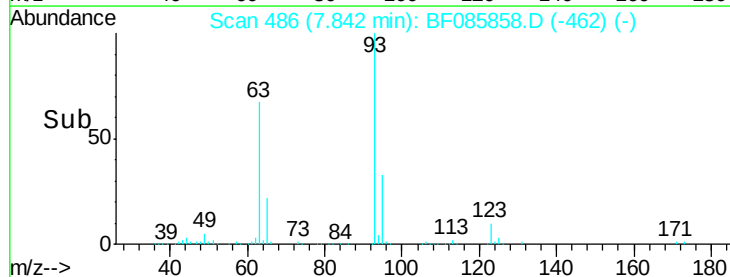
123 10.0 9.8 14.6

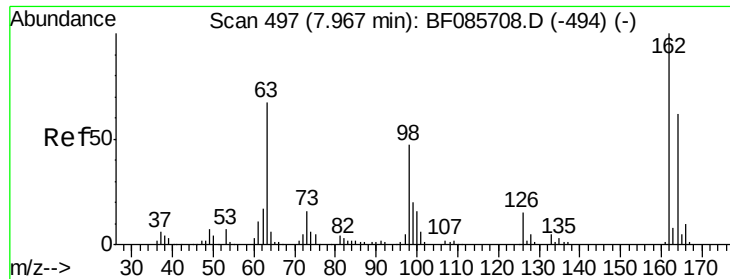


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

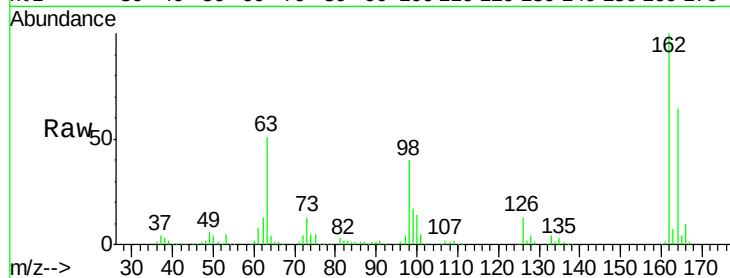




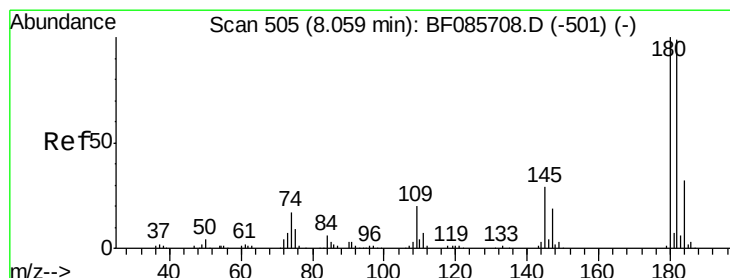
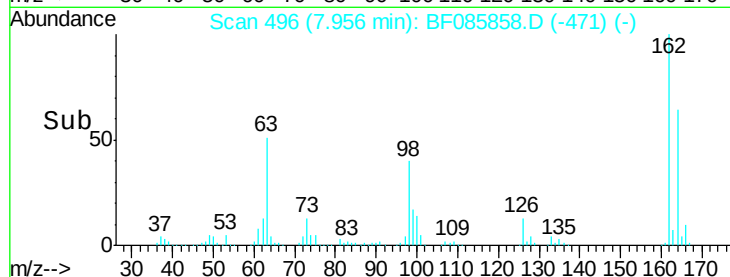
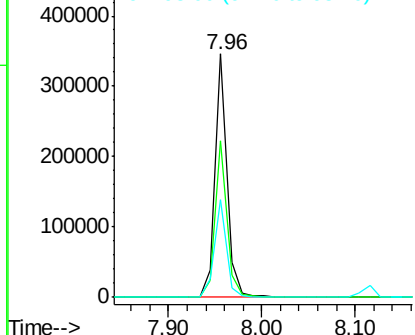
#29
 2,4-Dichlorophenol
 Concen: 49.34 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion:162 Resp: 307739
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.7 83.7
 98 40.0 20.4 60.4

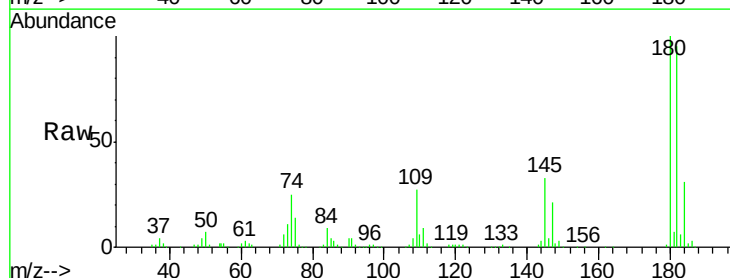


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

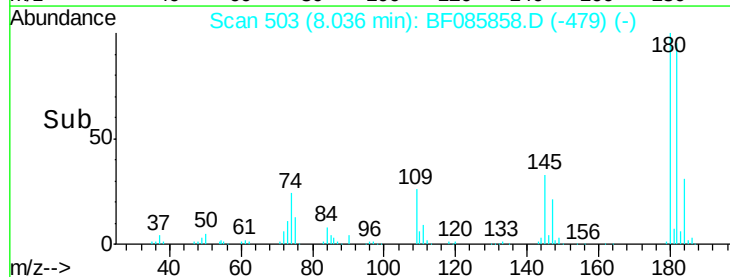
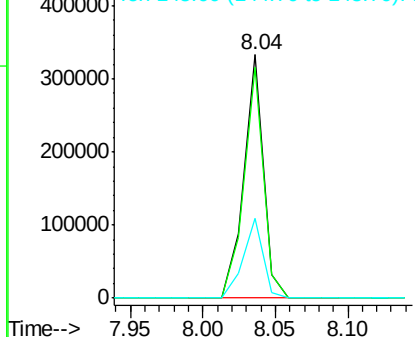


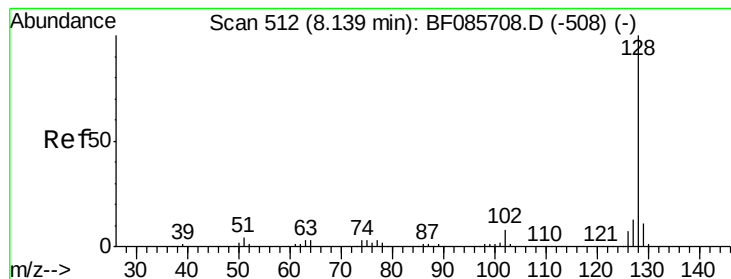
#30
 1,2,4-Trichlorobenzene
 Concen: 45.13 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:180 Resp: 312510
 Ion Ratio Lower Upper
 180 100
 182 94.8 73.8 110.8
 145 32.8 28.4 42.6



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





#31

Naphthalene

Concen: 45.83 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

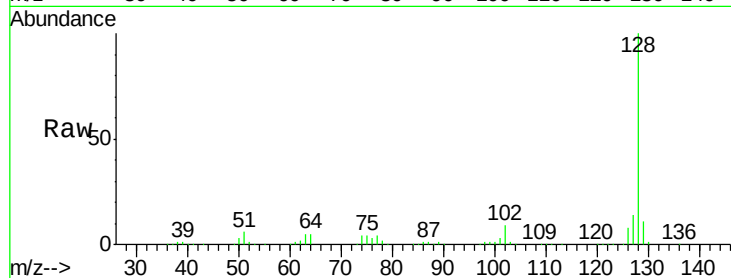
Tgt Ion:128 Resp: 1070380

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

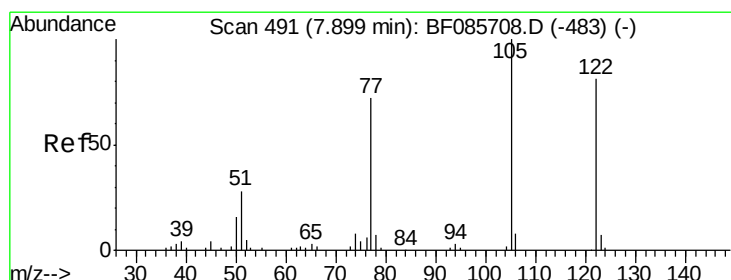
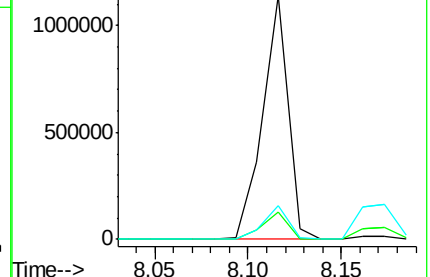
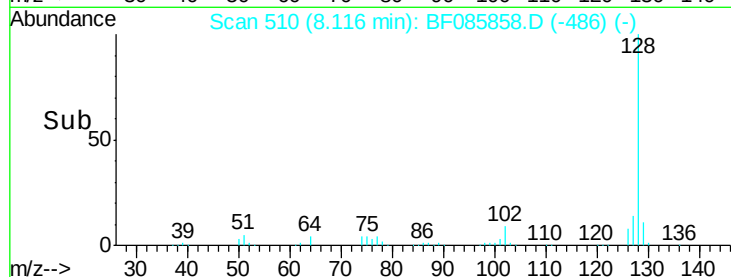
127 13.9 11.0 16.6



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: 64.82 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.15 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

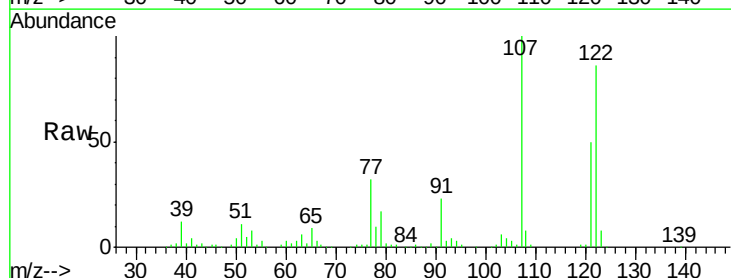
Tgt Ion:122 Resp: 319393

Ion Ratio Lower Upper

122 100

105 3.8 102.9 142.9#

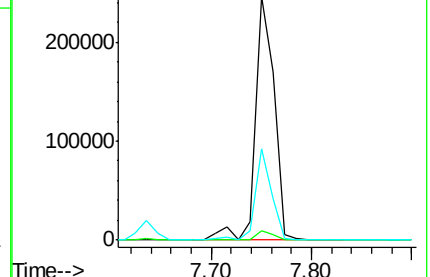
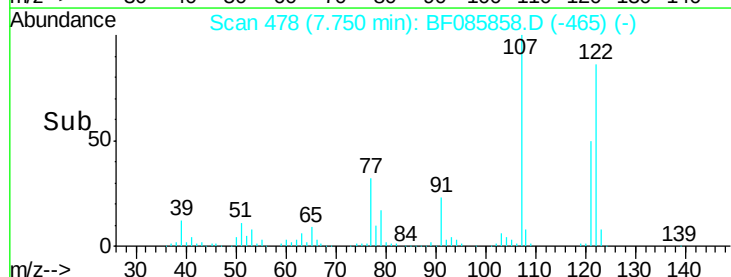
77 37.5 71.8 111.8#

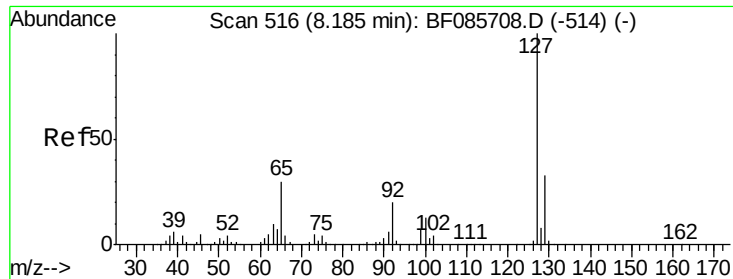


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

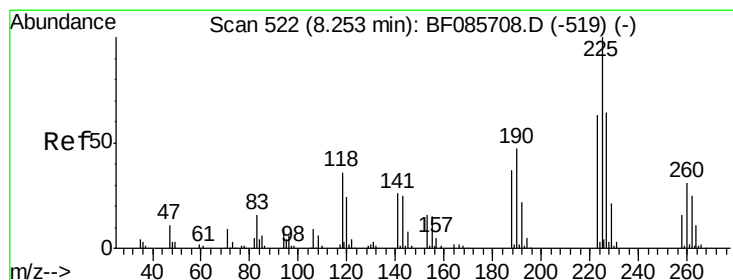
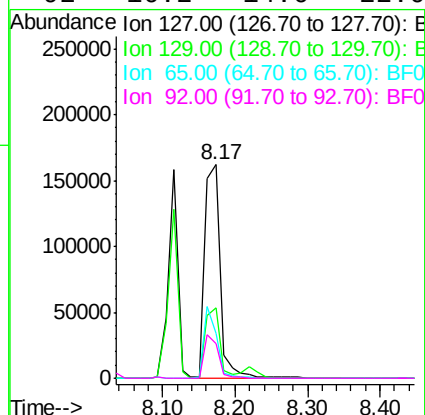
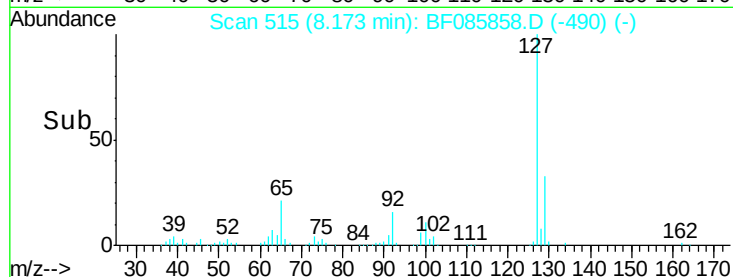
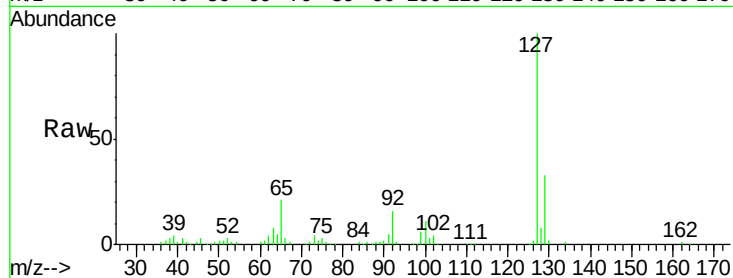




#33
4-Chloroaniline
Concen: 25.45 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

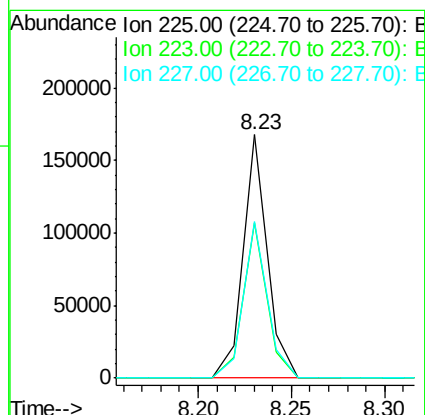
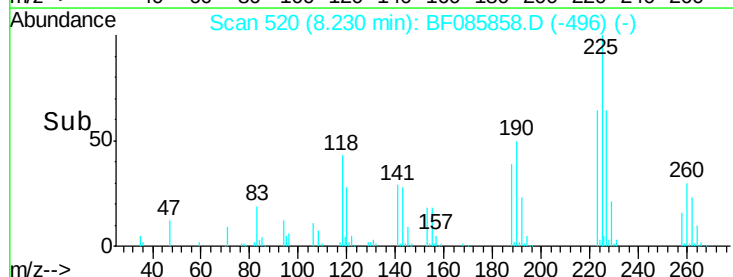
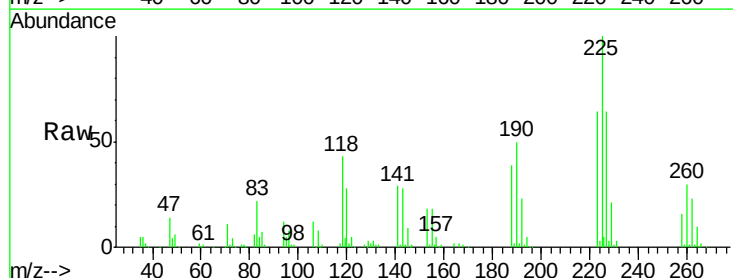
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

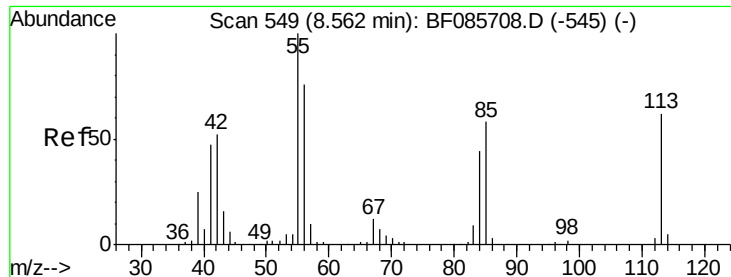
Tgt Ion:	127	Resp:	242680
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	20.7	19.5	29.3
92	16.2	14.6	22.0



#34
Hexachlorobutadiene
Concen: 40.23 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:	225	Resp:	151391
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	64.1	51.4	77.2

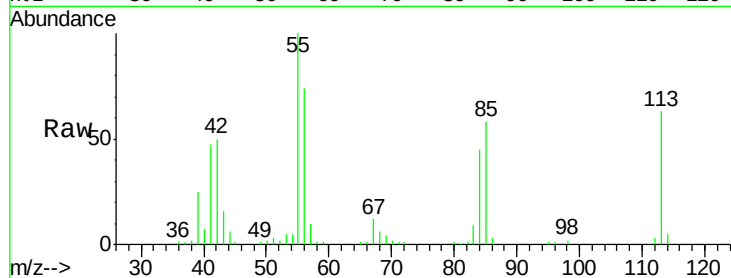




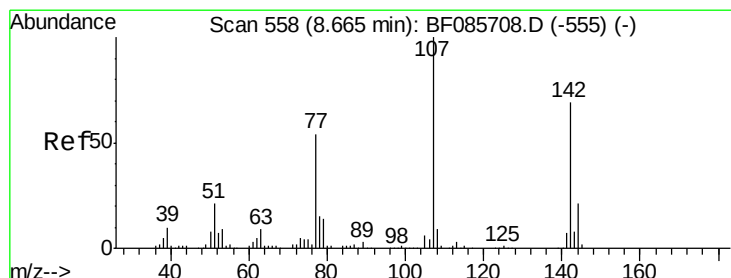
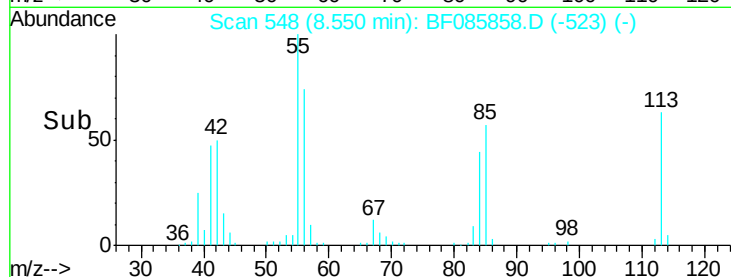
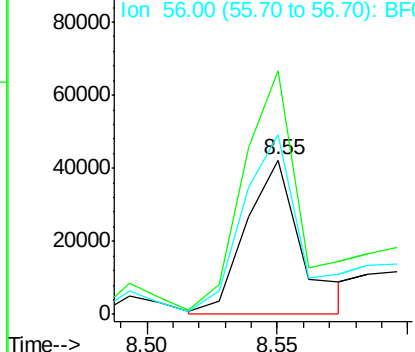
#35
 Caprolactam
 Concen: 28.15 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion:113 Resp: 62201
 Ion Ratio Lower Upper
 113 100
 55 157.5 139.4 179.4
 56 116.5 100.4 140.4

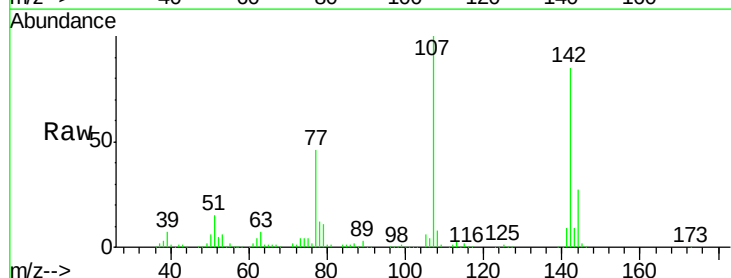


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

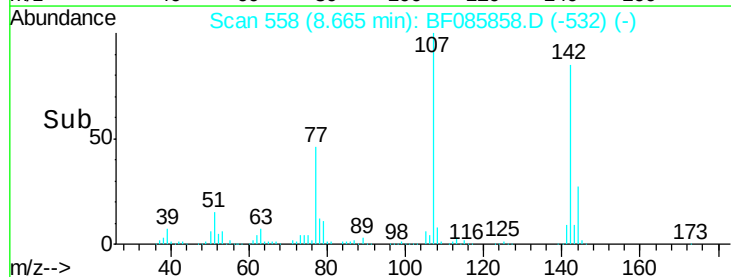
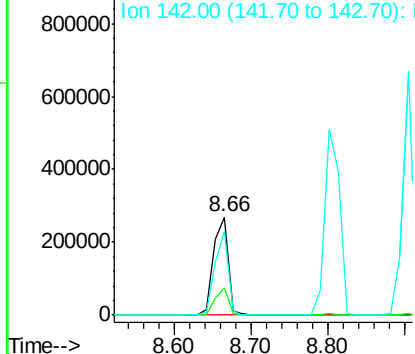


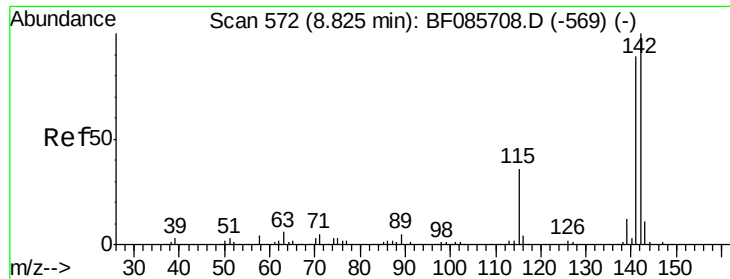
#36
 4-Chloro-3-methylphenol
 Concen: 48.42 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:107 Resp: 352759
 Ion Ratio Lower Upper
 107 100
 144 27.3 19.3 28.9
 142 85.2 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

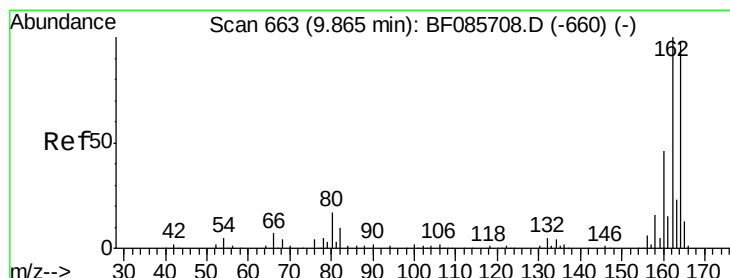
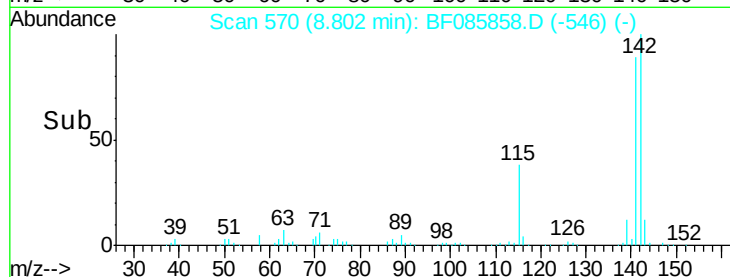
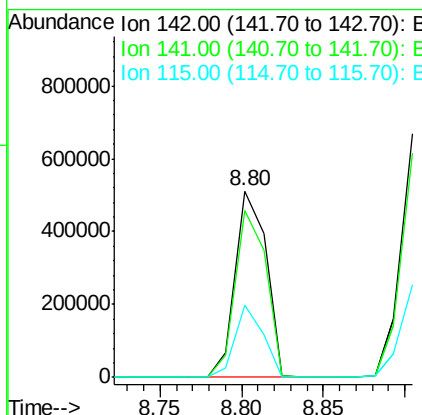
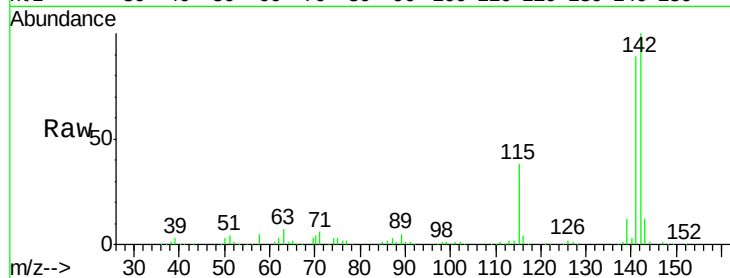




#37
 2-Methylnaphthalene
 Concen: 50.94 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

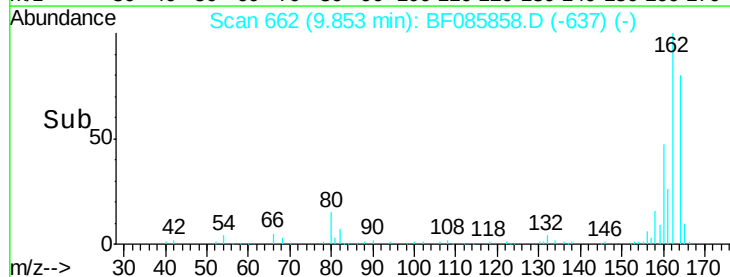
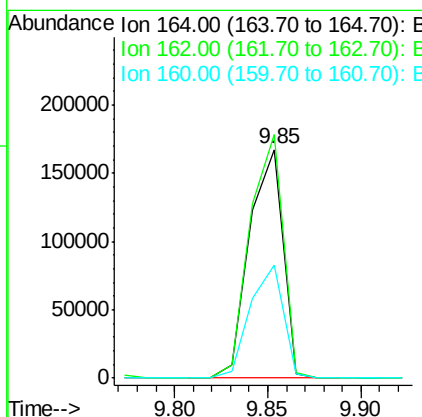
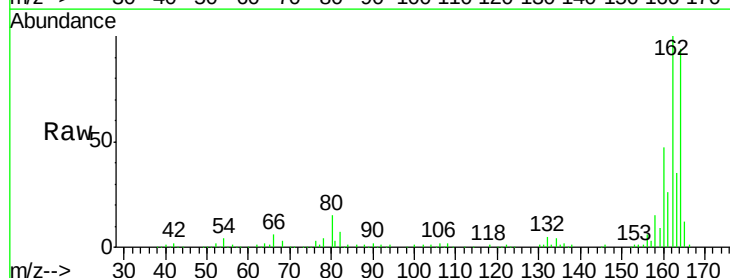
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

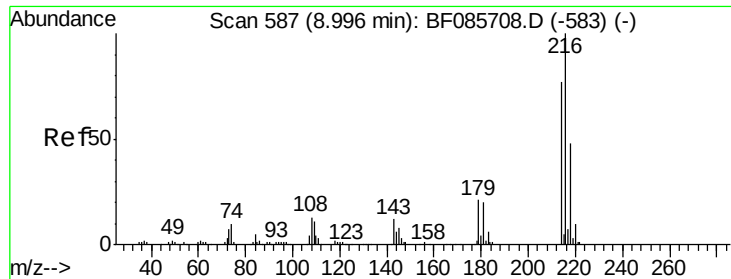
Tgt Ion:142 Resp: 671798
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.6 107.4
 115 38.4 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:164 Resp: 207963
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.1 123.1
 160 49.5 37.4 56.2

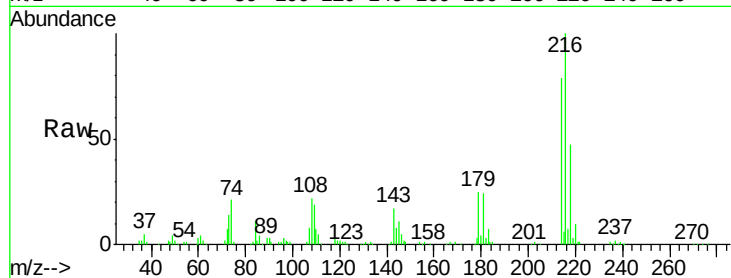




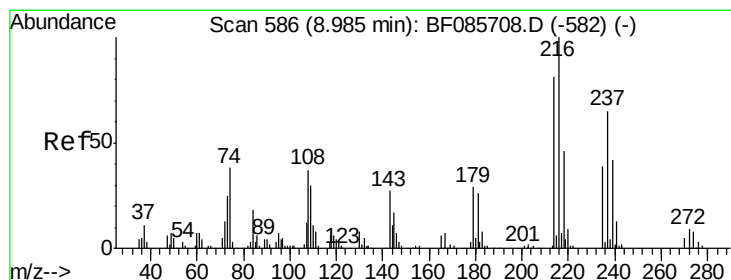
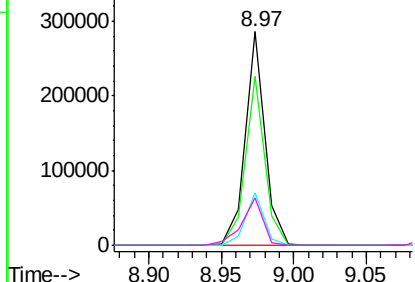
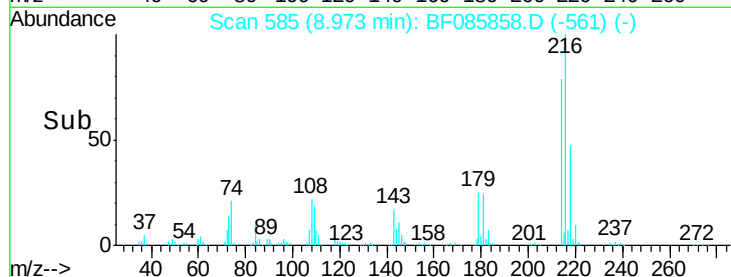
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.22 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion:	216	Resp:	266514
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	23.8	18.2	27.2
108	24.2	17.3	25.9

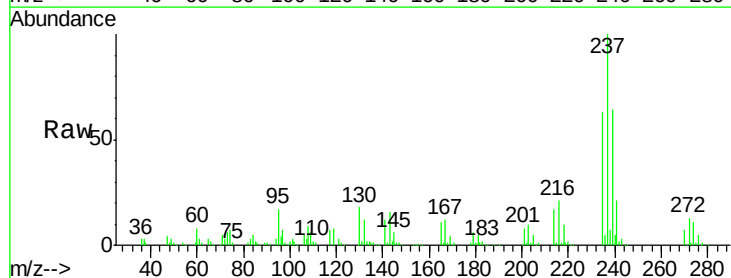


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

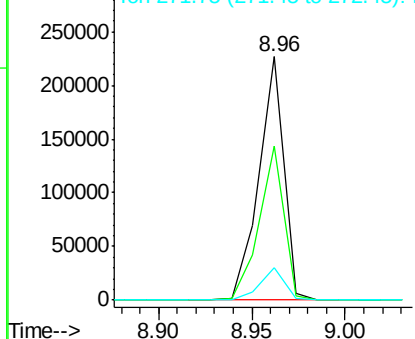
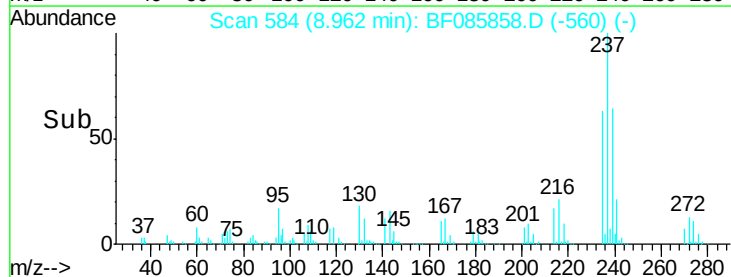


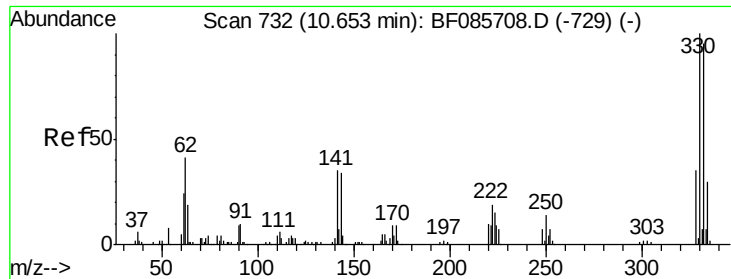
#40
 Hexachlorocyclopentadiene
 Concen: 81.17 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:	237	Resp:	209028
Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.7	83.7
272	13.4	0.0	31.9



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

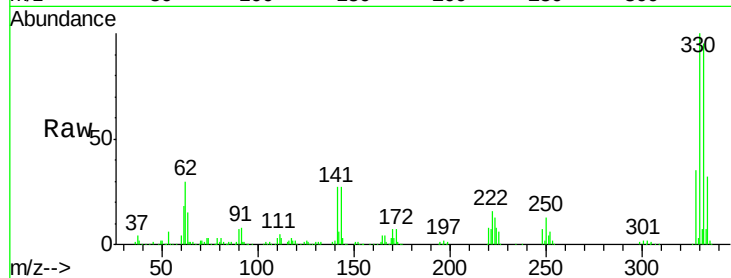




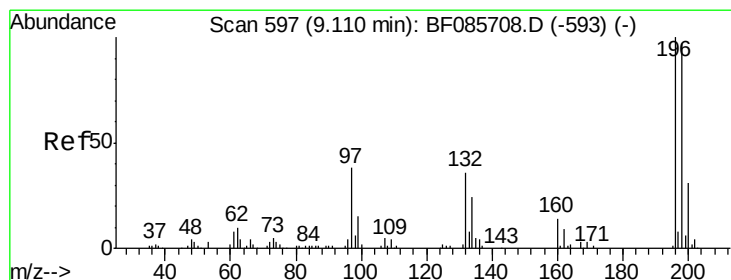
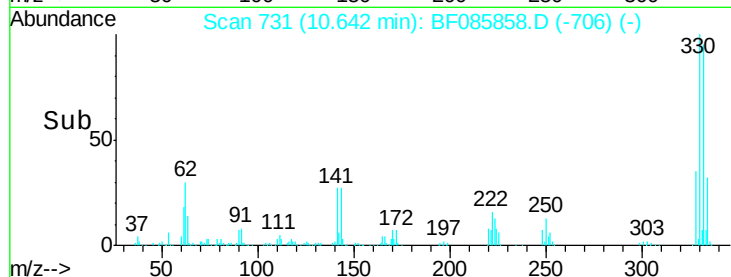
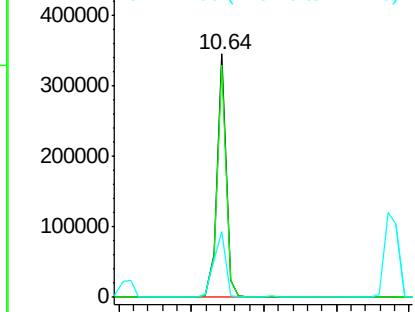
#41
 2,4,6-Tribromophenol
 Concen: 153.14 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion:330 Resp: 302593
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.2 117.2
 141 35.3 31.5 47.3

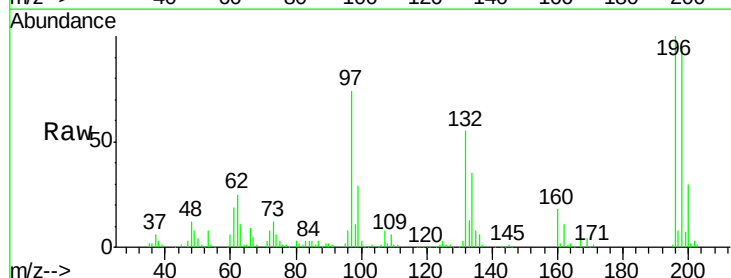


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

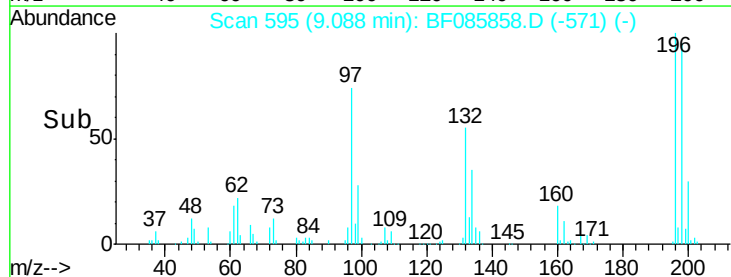
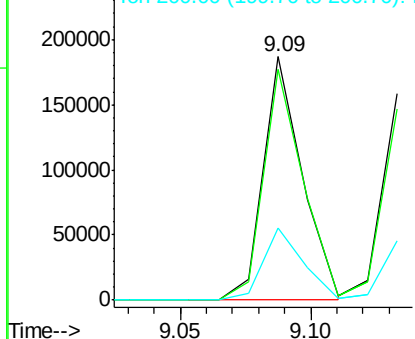


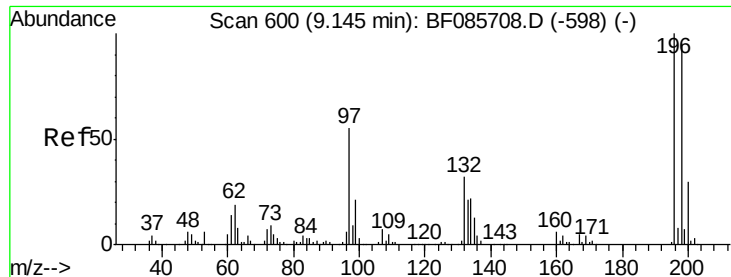
#42
 2,4,6-Trichlorophenol
 Concen: 46.68 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:196 Resp: 194446
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.3 112.9
 200 29.6 23.7 35.5



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

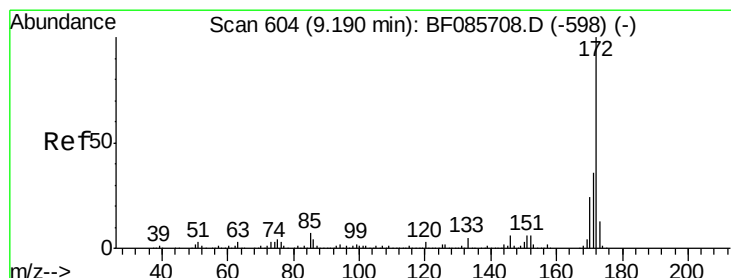
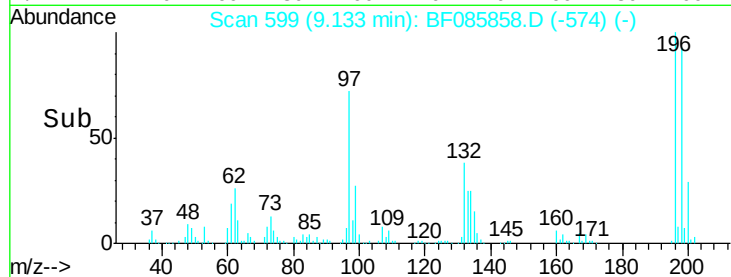
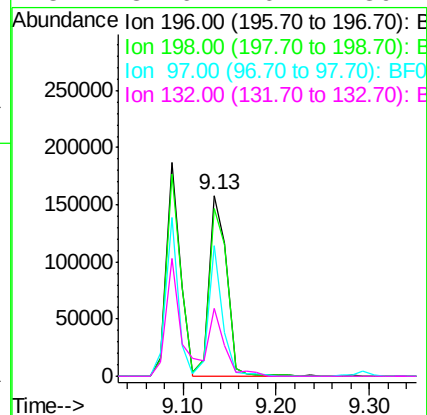
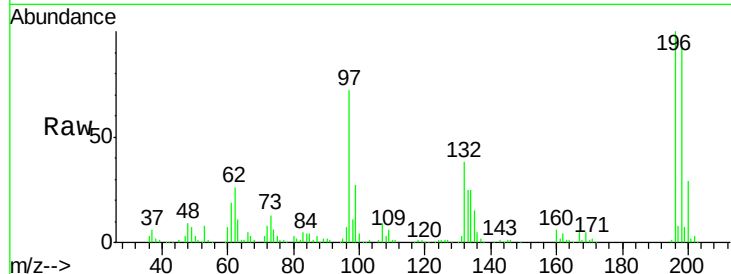




#43
 2,4,5-Trichlorophenol
 Concen: 47.33 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

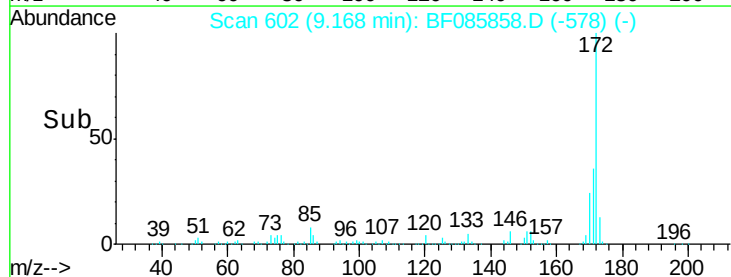
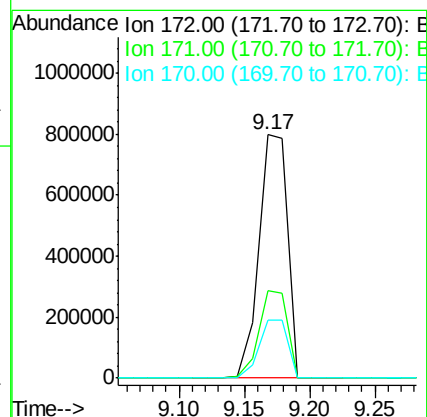
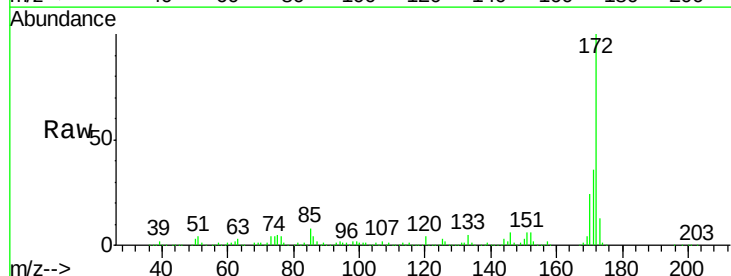
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

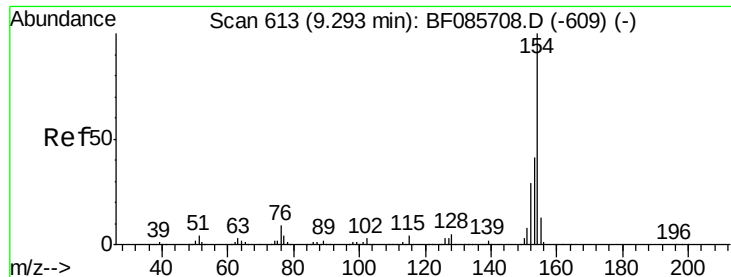
Tgt Ion:196 Resp: 206720
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.6 114.8
 97 72.3 30.5 45.7#
 132 37.6 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 98.02 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:172 Resp: 1220068
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.0 19.8 29.6





#45

1,1'-Biphenyl

Concen: 42.01 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

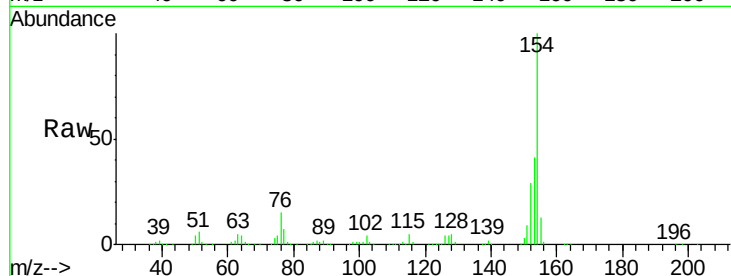
Tgt Ion:154 Resp: 737293

Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

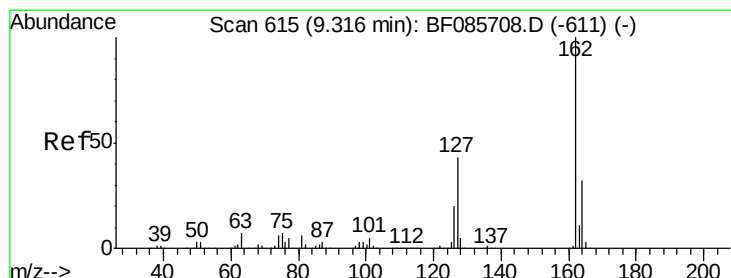
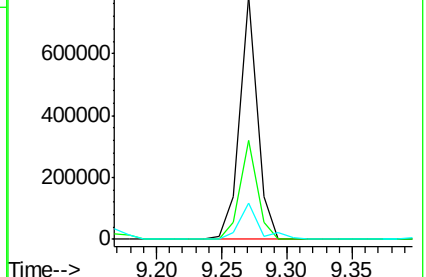
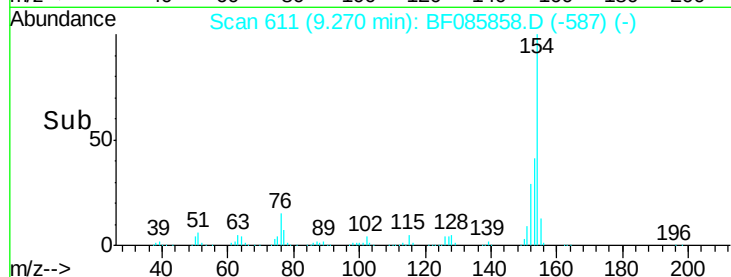
76 14.8 0.0 36.7



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: 45.10 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

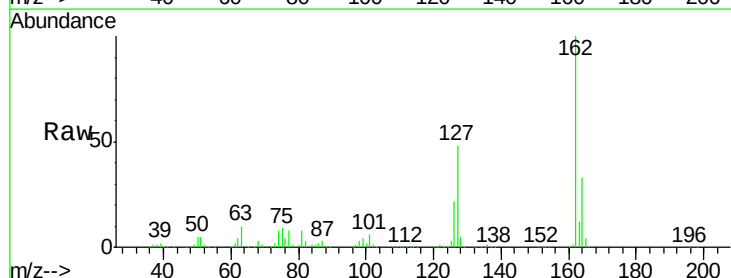
Tgt Ion:162 Resp: 581997

Ion Ratio Lower Upper

162 100

127 47.7 31.7 47.5#

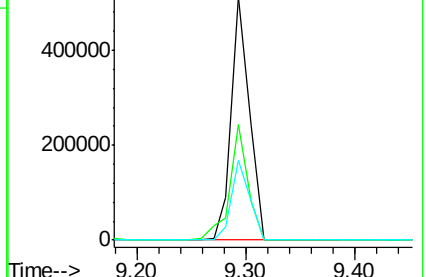
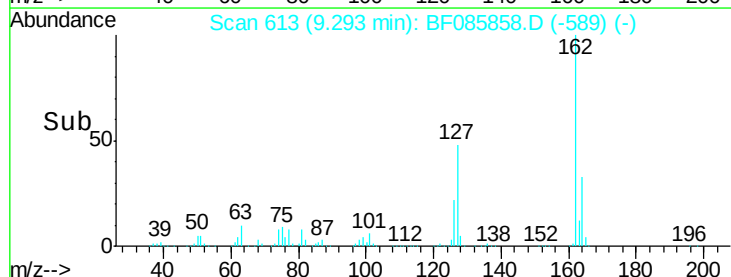
164 32.6 27.3 40.9

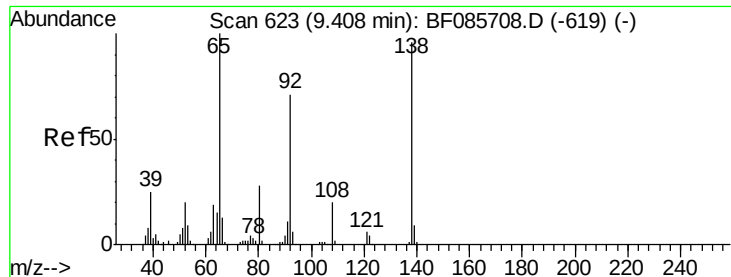


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

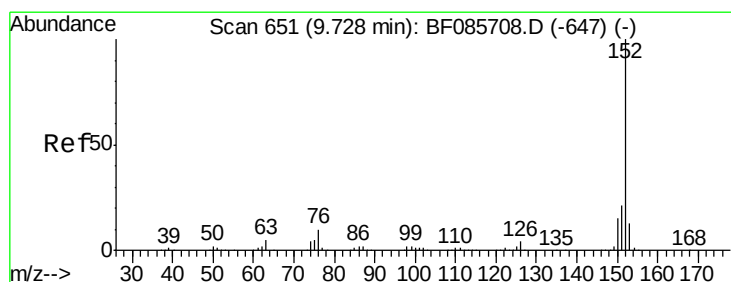
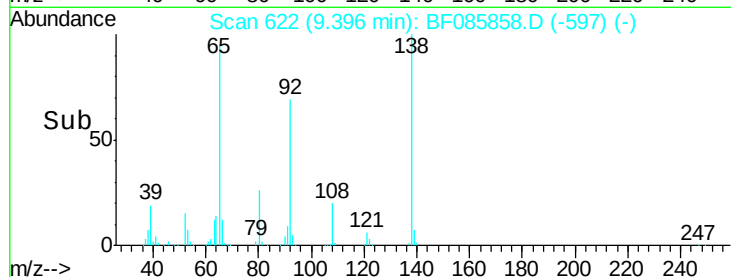
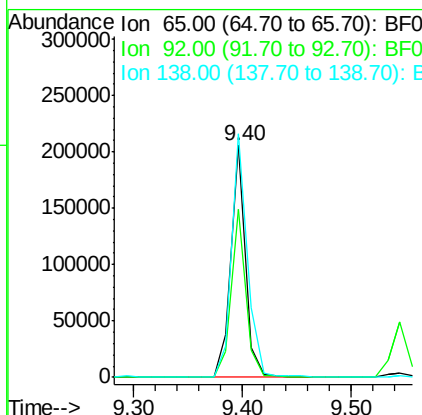
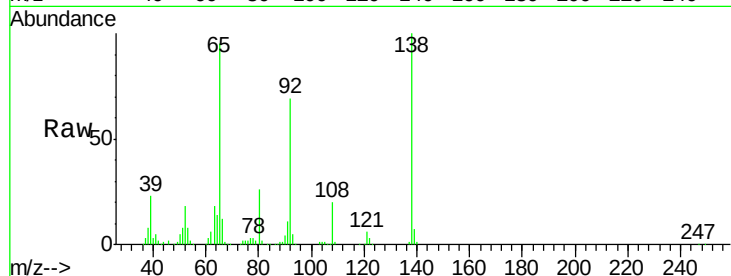




#47
2-Nitroaniline
Concen: 48.06 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

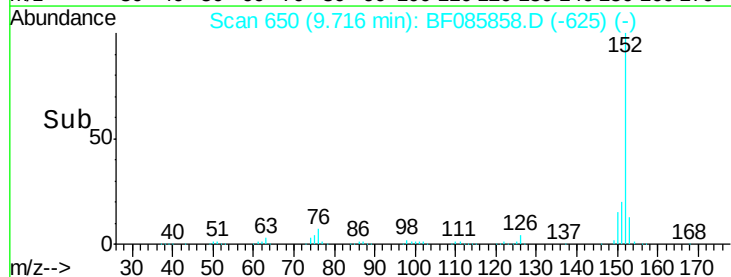
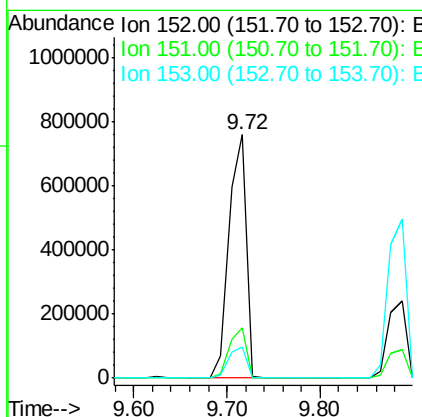
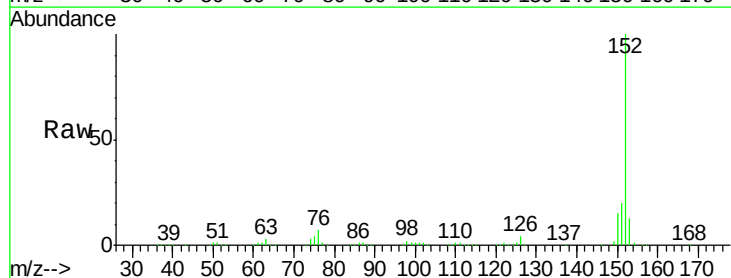
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

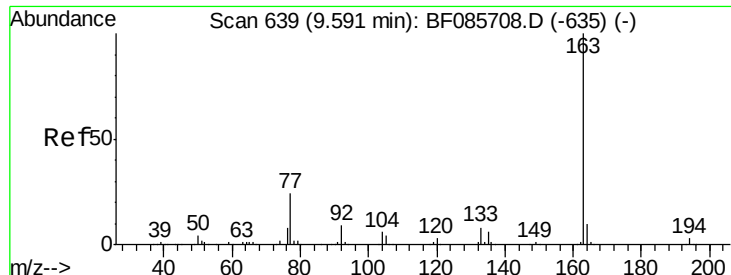
Tgt Ion: 65 Resp: 189621
Ion Ratio Lower Upper
65 100
92 72.6 59.7 89.5
138 105.0 91.4 137.0



#48
Acenaphthylene
Concen: 46.86 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion: 152 Resp: 985165
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 12.9 10.9 16.3

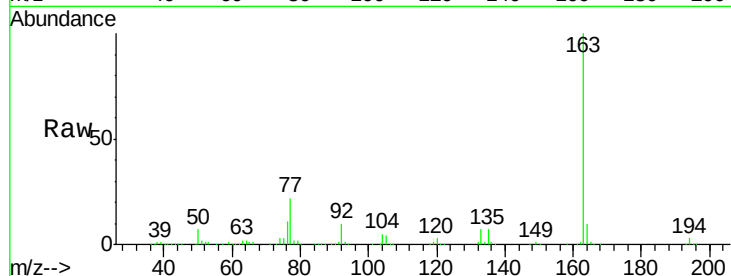




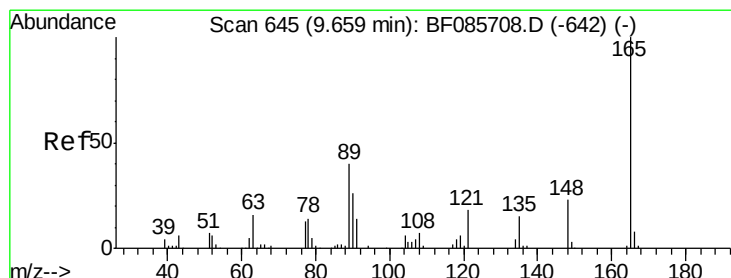
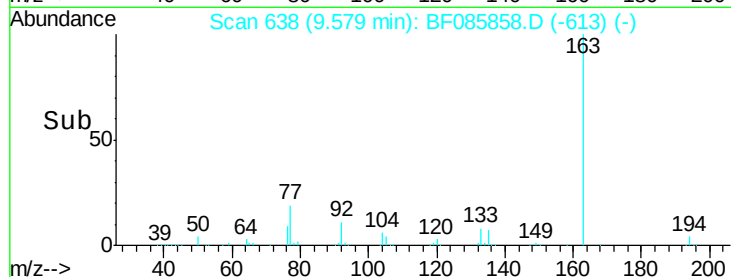
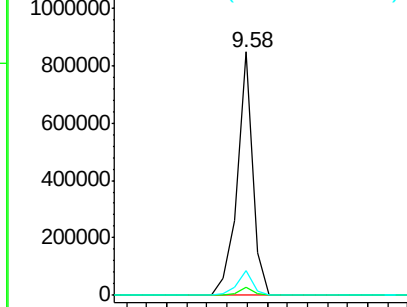
#49
Dimethylphthalate
Concen: 57.44 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampled :
TP-7MSD

Tgt Ion:163 Resp: 906348
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.4 8.3 12.5

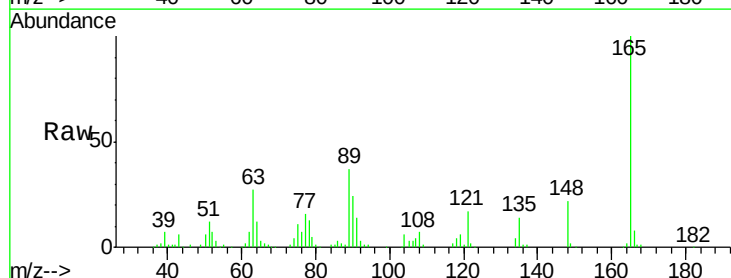


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

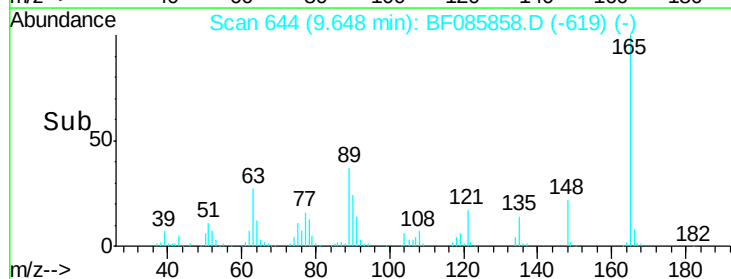
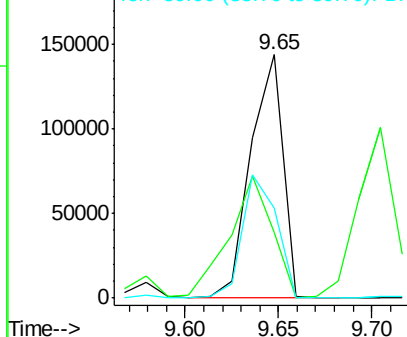


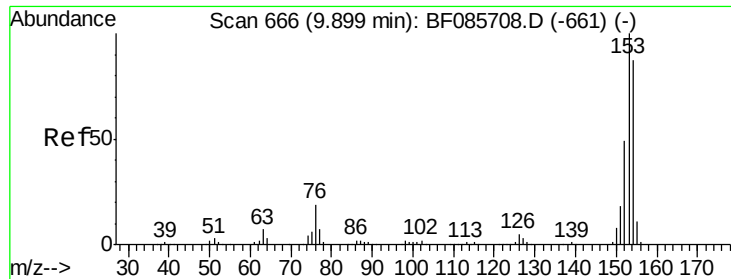
#50
2,6-Dinitrotoluene
Concen: 50.71 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:165 Resp: 172214
Ion Ratio Lower Upper
165 100
63 27.1 51.8 77.8#
89 37.1 53.7 80.5#



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

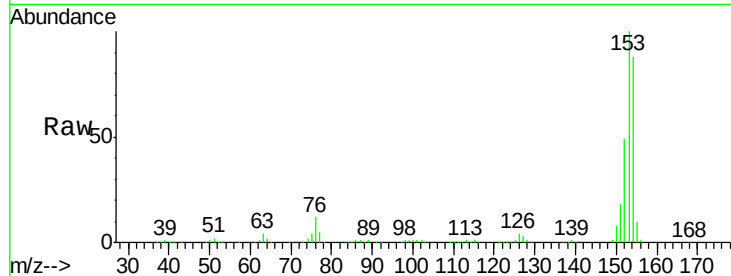




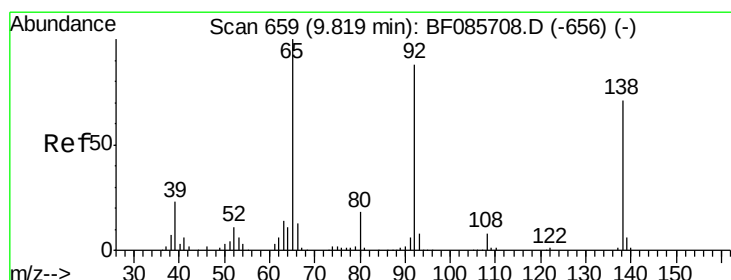
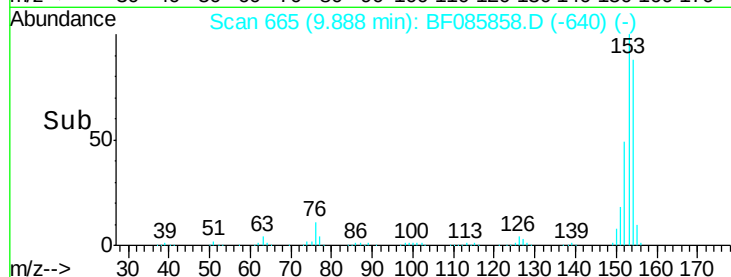
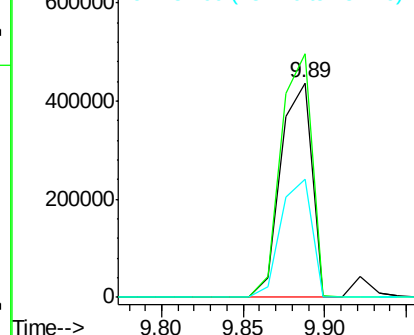
#51
Acenaphthene
Concen: 45.36 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:154 Resp: 582562
Ion Ratio Lower Upper
154 100
153 113.5 90.1 135.1
152 55.2 44.2 66.2

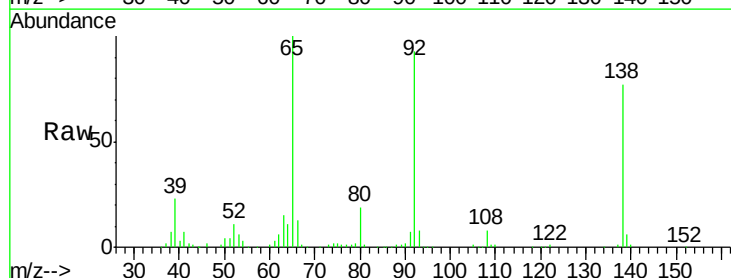


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

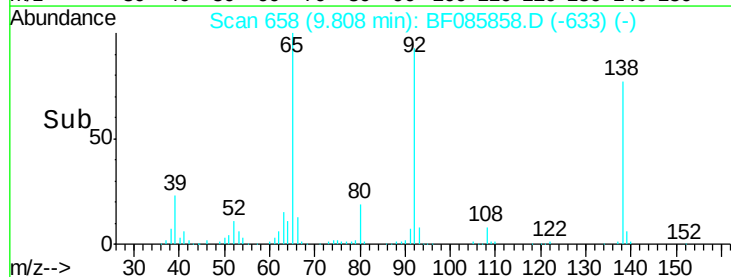
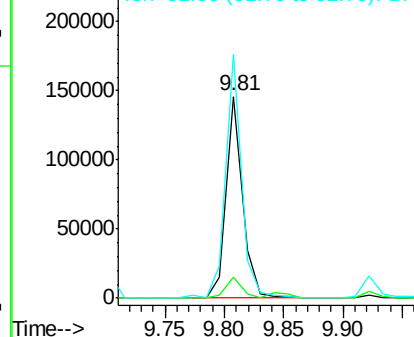


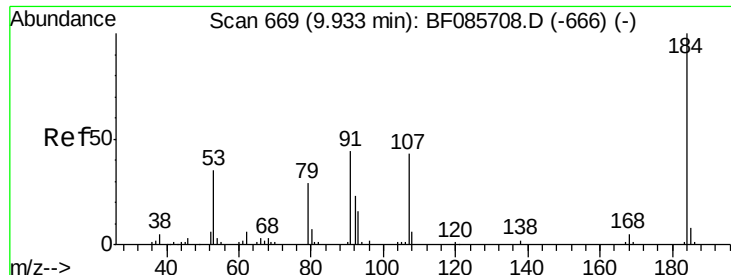
#52
3-Nitroaniline
Concen: 35.77 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:138 Resp: 139035
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 120.9 93.3 139.9



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

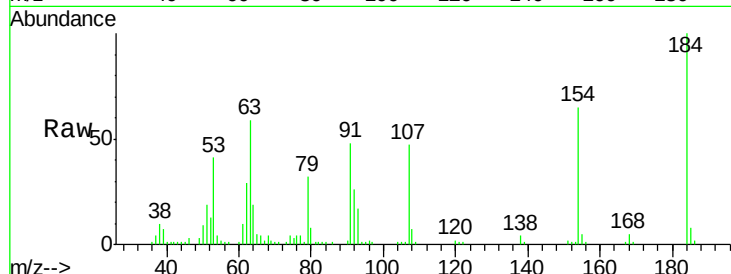




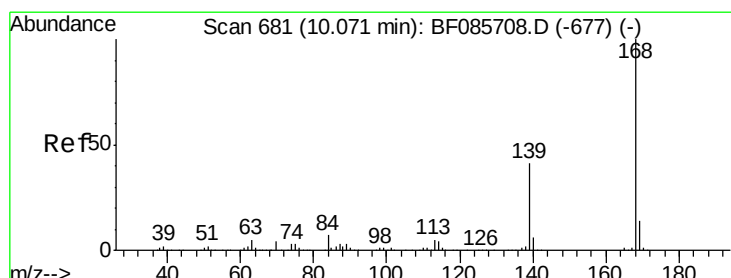
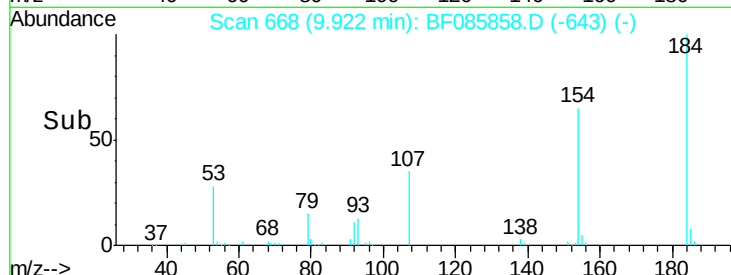
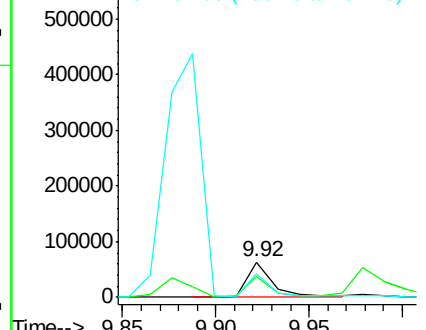
#53
2,4-Dinitrophenol
Concen: 38.66 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:184 Resp: 60543
Ion Ratio Lower Upper
184 100
63 58.6 69.5 104.3#
154 65.5 58.3 87.5

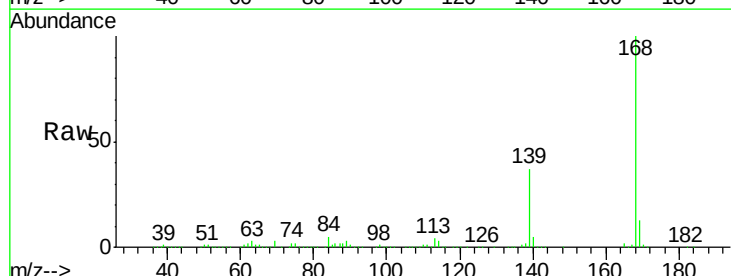


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

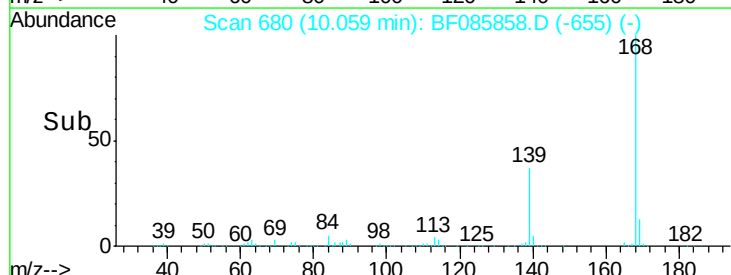
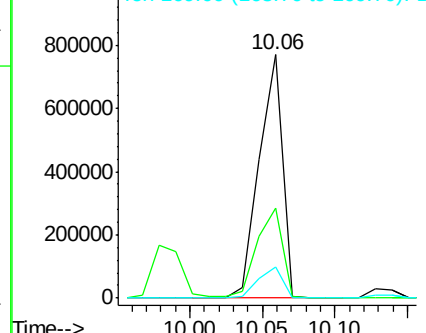


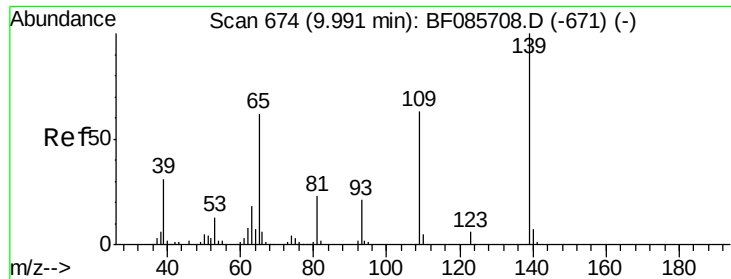
#54
Dibenzofuran
Concen: 51.80 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:168 Resp: 861044
Ion Ratio Lower Upper
168 100
139 37.2 31.9 47.9
169 12.9 11.0 16.6



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

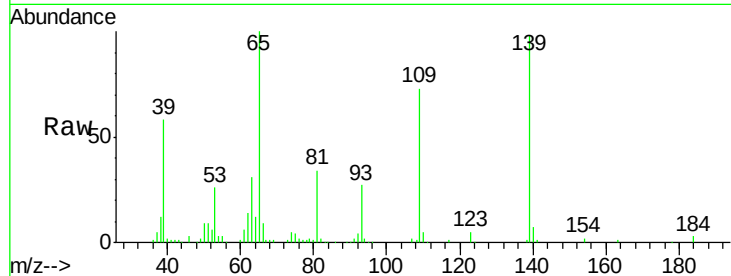




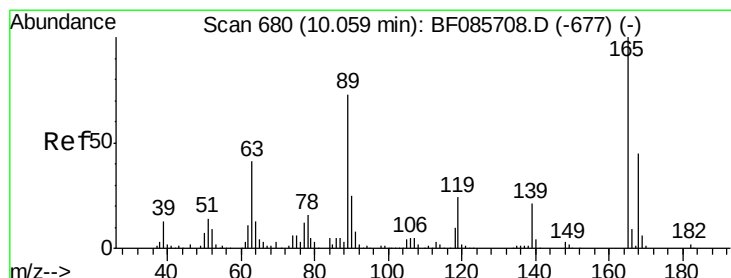
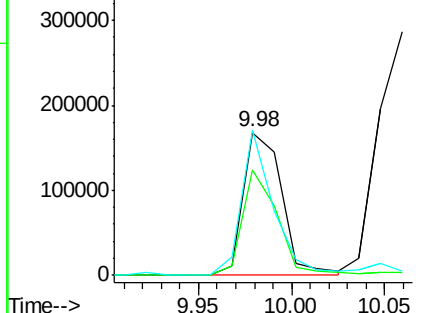
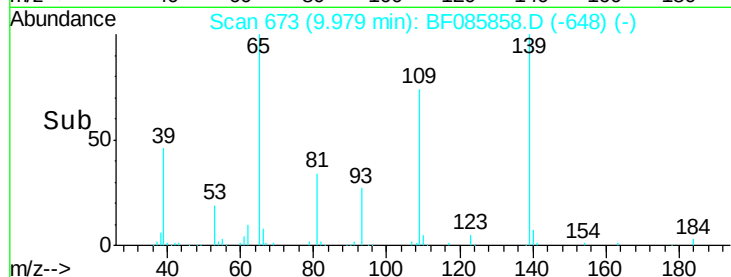
#55
4-Nitrophenol
Concen: 94.59 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:139 Resp: 239562
Ion Ratio Lower Upper
139 100
109 74.0 49.2 89.2
65 101.8 66.9 106.9

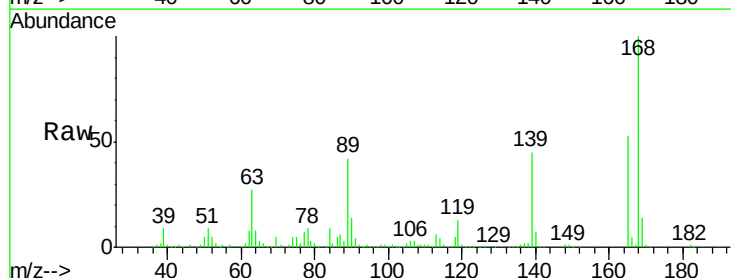


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

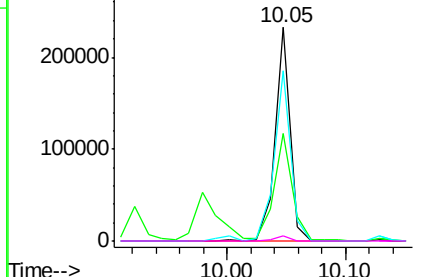
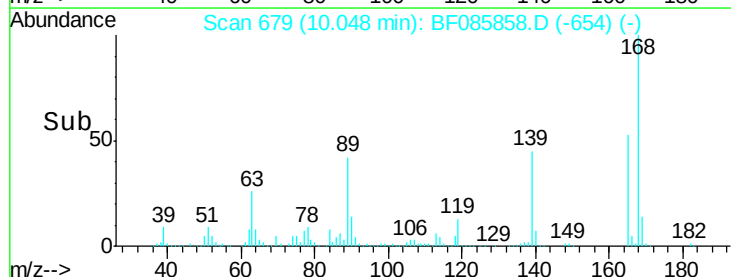


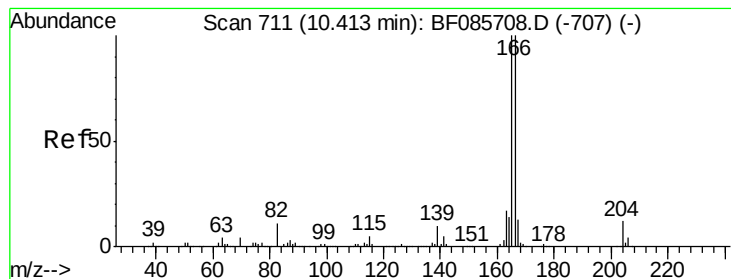
#56
2,4-Dinitrotoluene
Concen: 47.46 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:165 Resp: 204853
Ion Ratio Lower Upper
165 100
63 50.3 24.9 37.3#
89 79.4 41.0 61.6#
182 2.5 2.1 3.1



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: 47.88 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

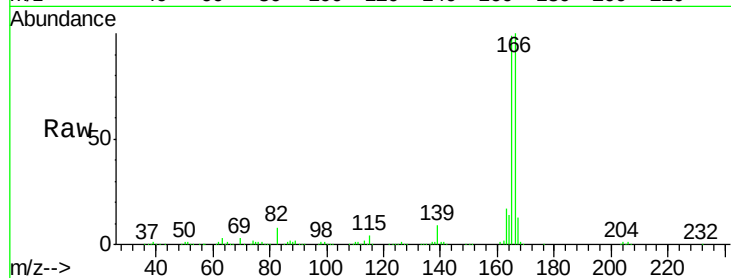
Tgt Ion:166 Resp: 661644

Ion Ratio Lower Upper

166 100

165 99.1 79.4 119.0

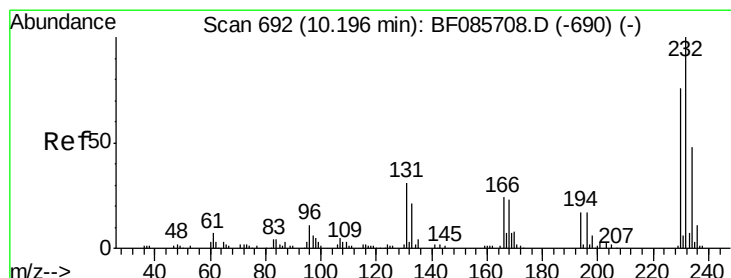
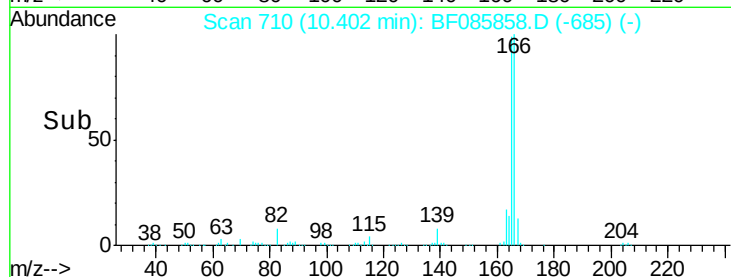
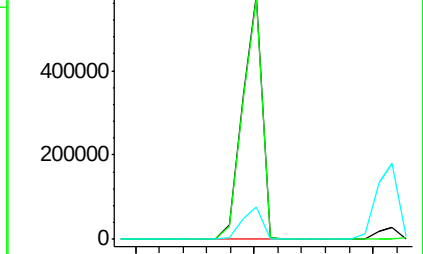
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.21 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion:232 Resp: 158492

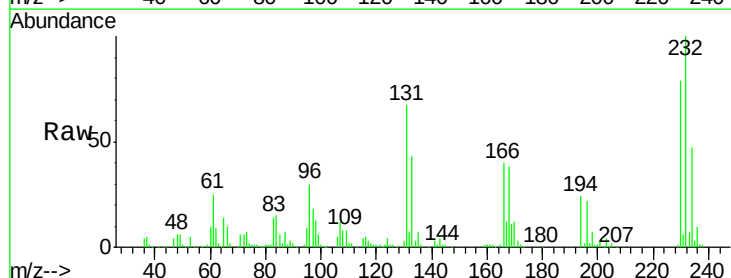
Ion Ratio Lower Upper

232 100

131 55.8 44.9 67.3

130 2.8 2.3 3.5

166 33.7 28.1 42.1

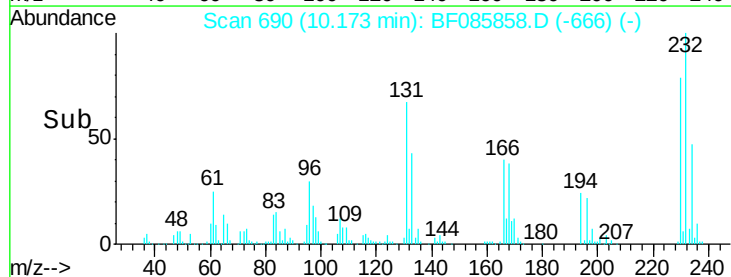
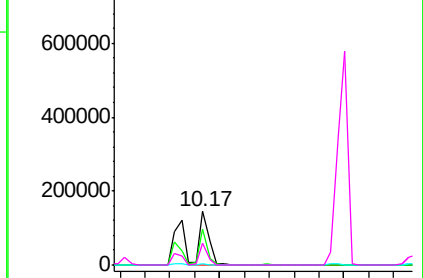


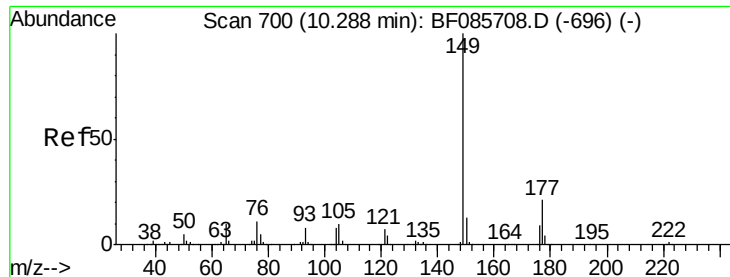
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

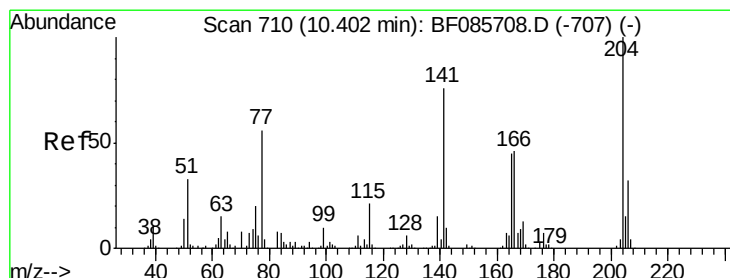
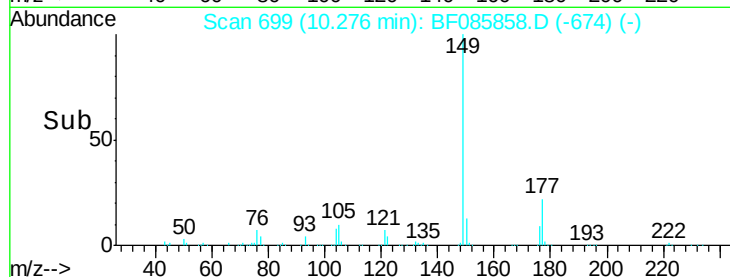
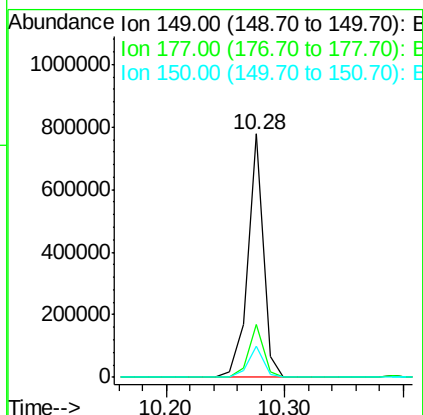
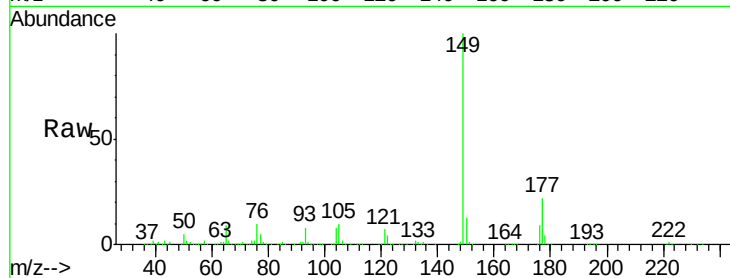




#59
Diethylphthalate
Concen: 45.39 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

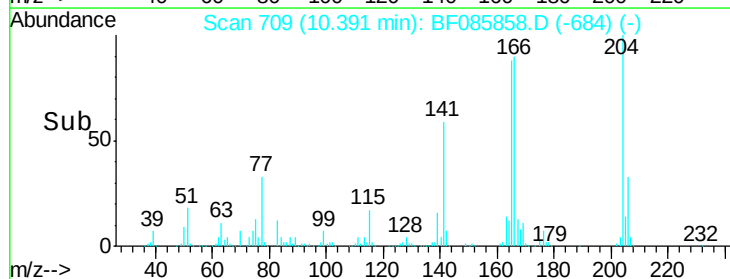
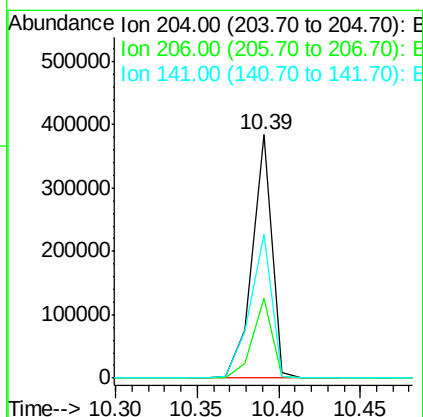
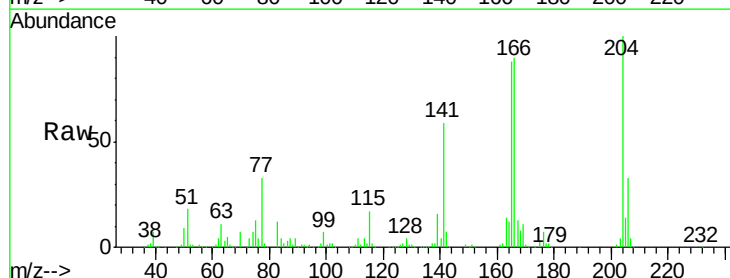
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

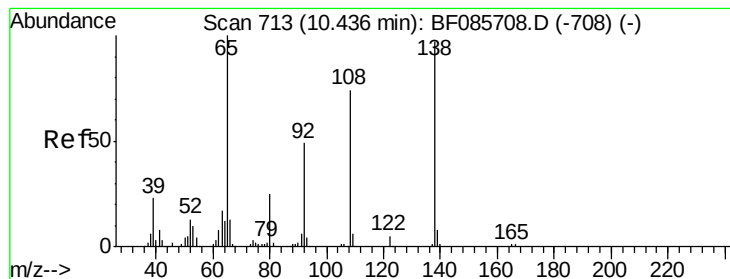
Tgt Ion:149 Resp: 707561
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.83 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:204 Resp: 323145
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 59.2 57.4 86.0





#61

4-Nitroaniline

Concen: 47.22 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

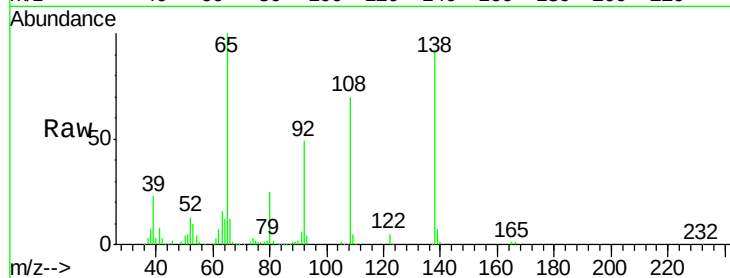
Tgt Ion:138 Resp: 175580

Ion Ratio Lower Upper

138 100

92 53.2 26.4 66.4

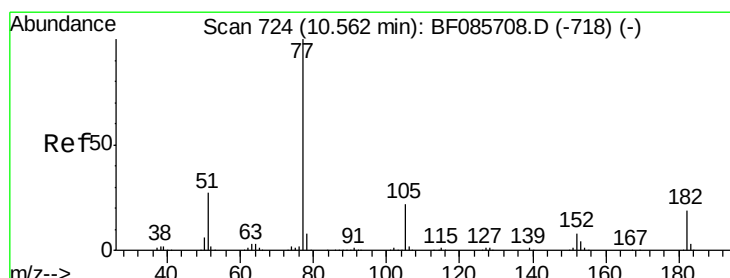
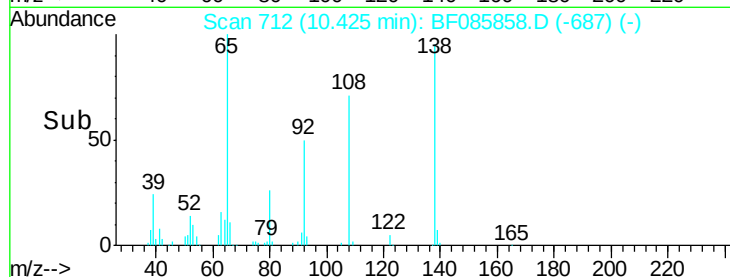
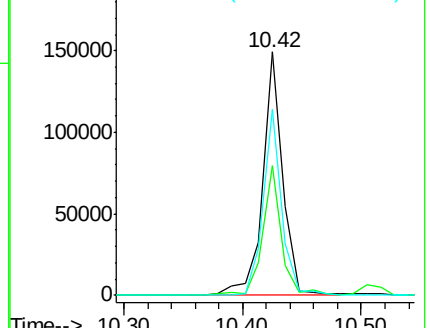
108 76.3 49.0 89.0



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: 52.67 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Tgt Ion: 77 Resp: 788939

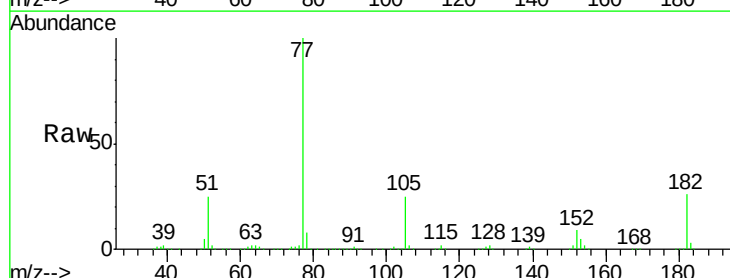
Ion Ratio Lower Upper

77 100

182 25.6 1.9 41.9

105 24.5 3.5 43.5

51 25.3 6.3 46.3

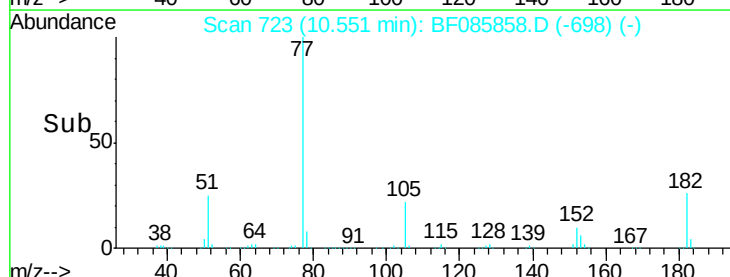
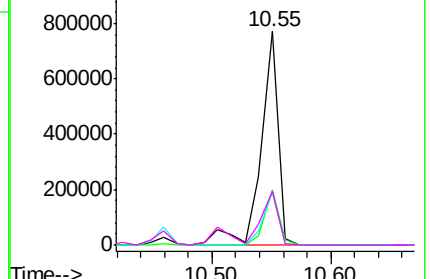


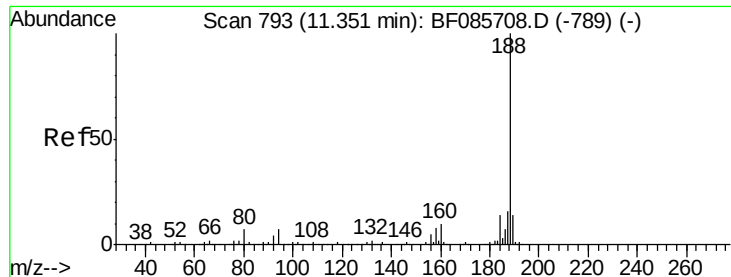
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

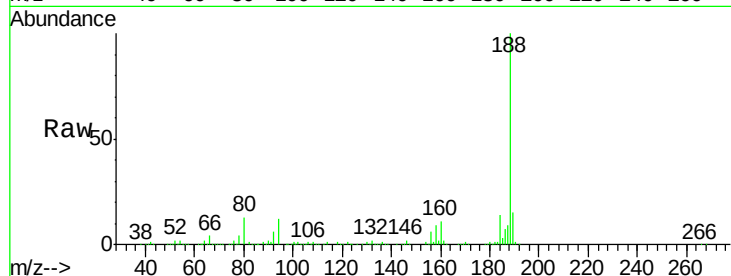




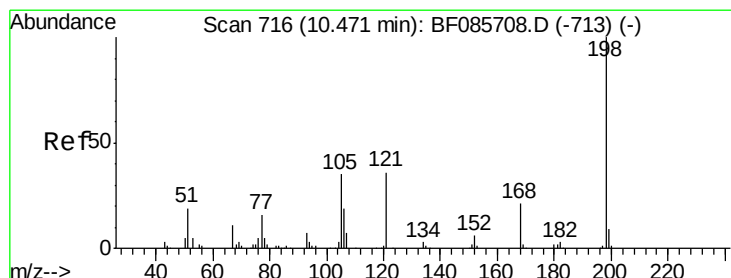
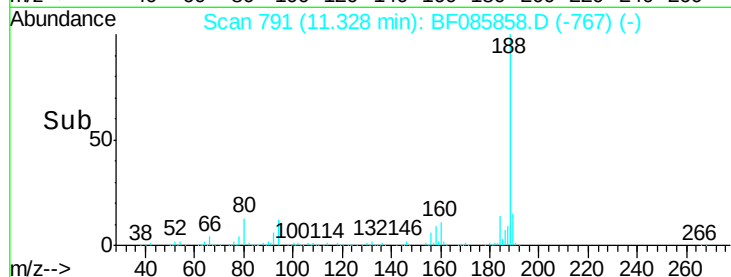
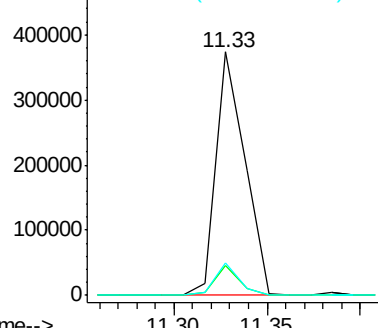
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:188 Resp: 402215
Ion Ratio Lower Upper
188 100
94 12.0 5.4 8.0#
80 13.2 5.5 8.3#

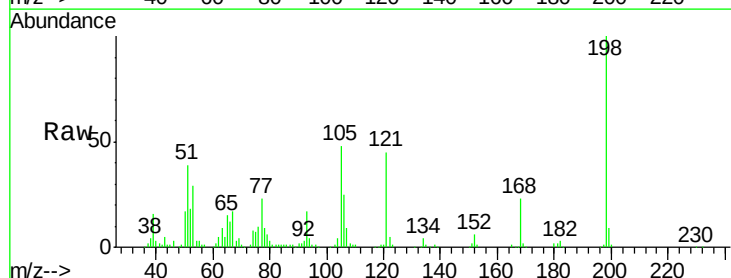


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

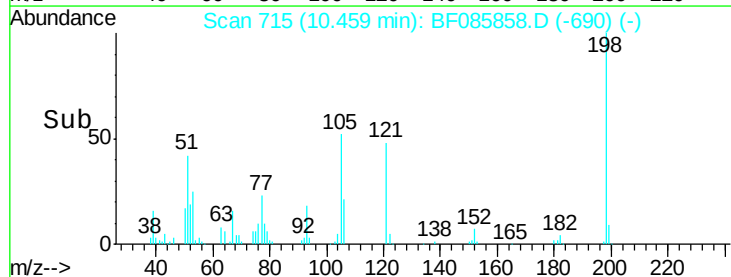
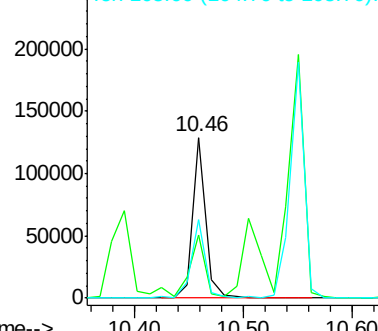


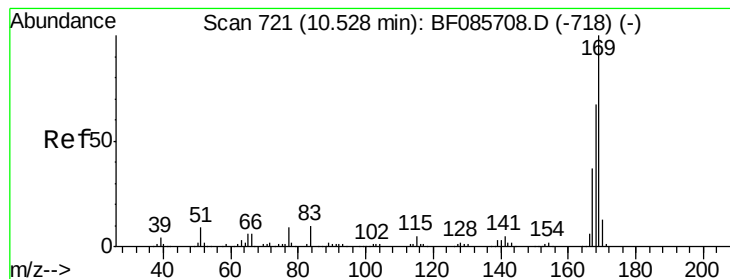
#64
4,6-Dinitro-2-methylphenol
Concen: 46.73 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:198 Resp: 110062
Ion Ratio Lower Upper
198 100
51 38.9 45.4 85.4#
105 48.4 45.9 85.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.11 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

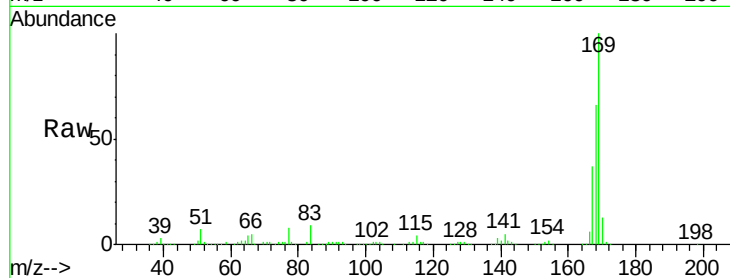
Tgt Ion:169 Resp: 612834

Ion Ratio Lower Upper

169 100

168 66.0 54.4 81.6

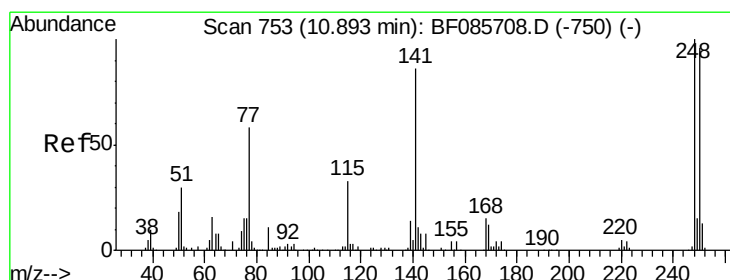
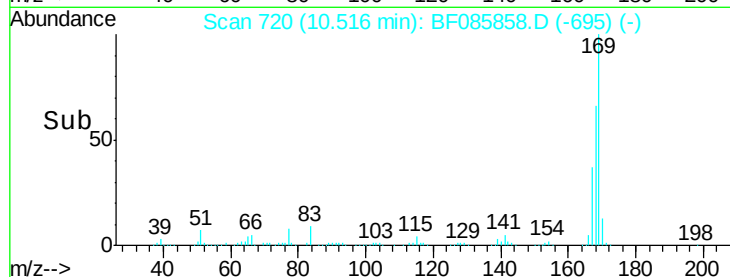
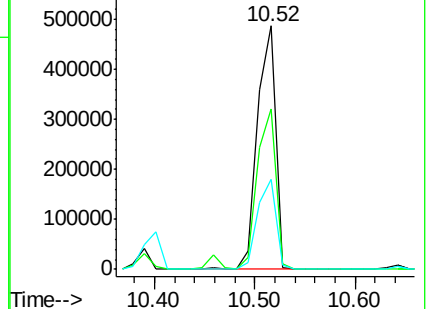
167 36.9 29.4 44.0



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: 47.20 ng

RT: 10.88 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

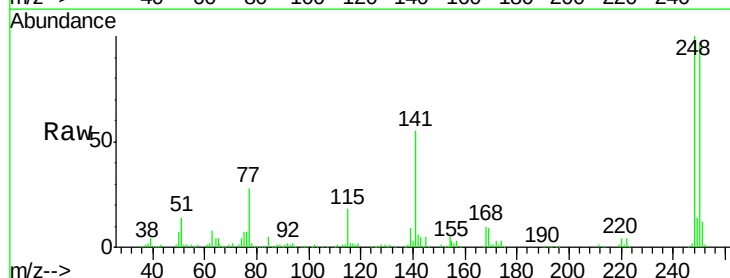
Tgt Ion:248 Resp: 194209

Ion Ratio Lower Upper

248 100

250 97.5 77.4 116.0

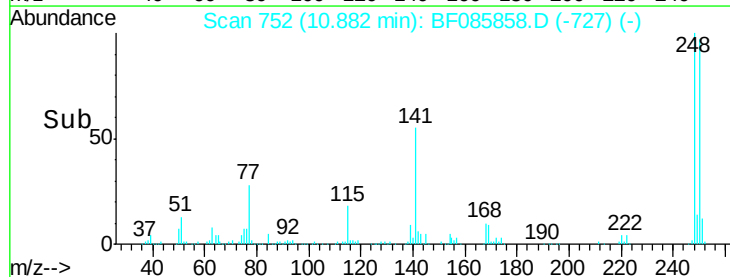
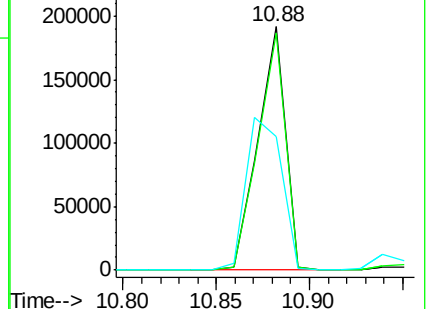
141 54.7 63.6 95.4#

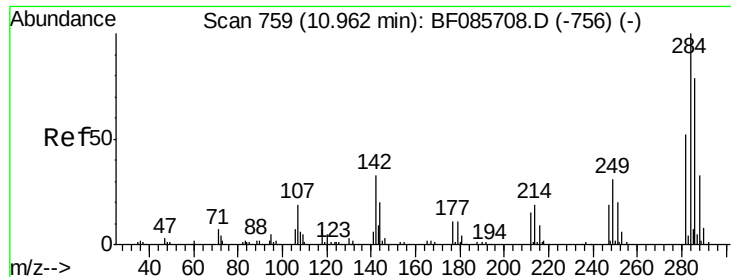


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.89 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

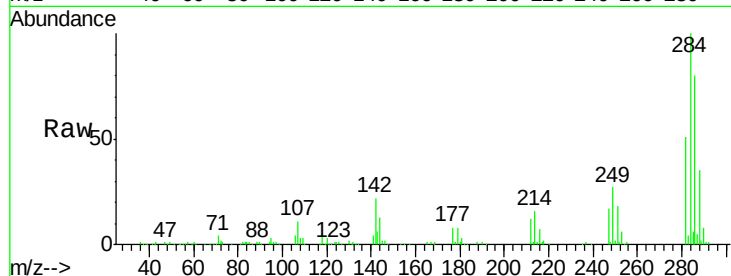
Tgt Ion:284 Resp: 210400

Ion Ratio Lower Upper

284 100

142 21.8 23.1 34.7#

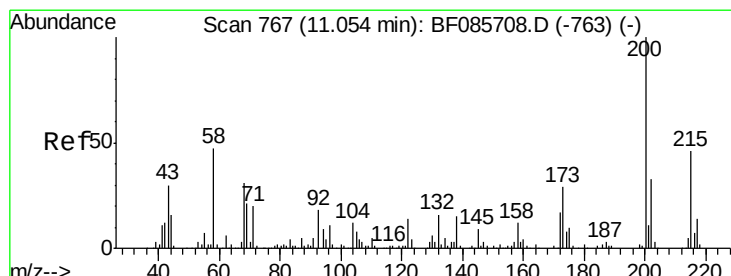
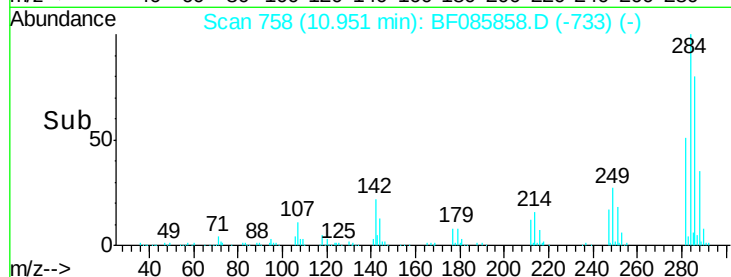
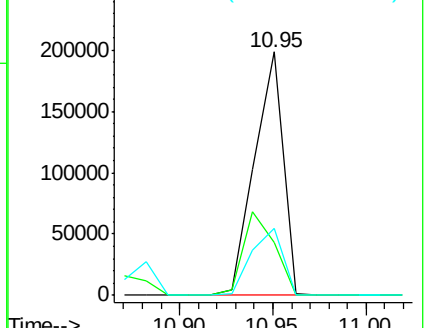
249 27.4 24.2 36.2



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: 45.96 ng

RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

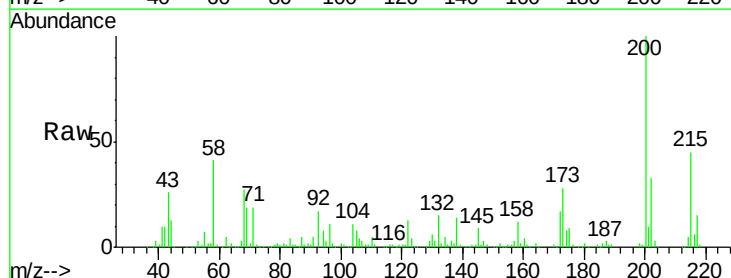
Tgt Ion:200 Resp: 197660

Ion Ratio Lower Upper

200 100

173 28.3 7.7 47.7

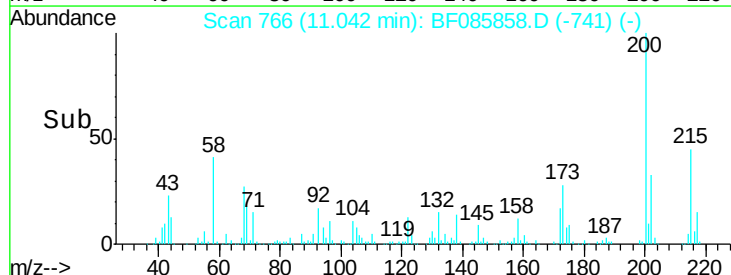
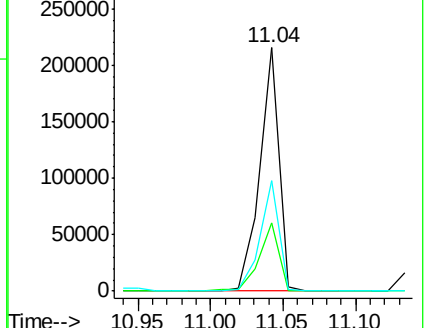
215 45.2 25.4 65.4

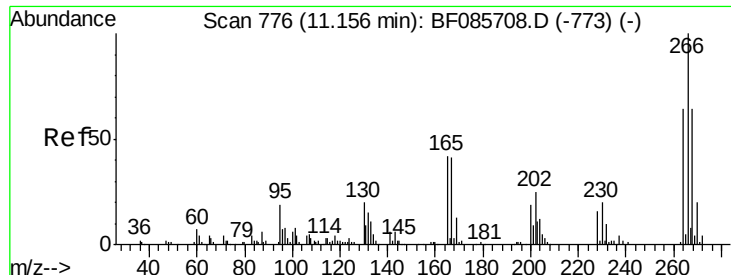


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

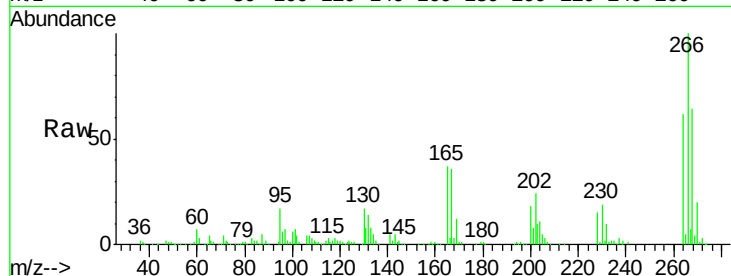




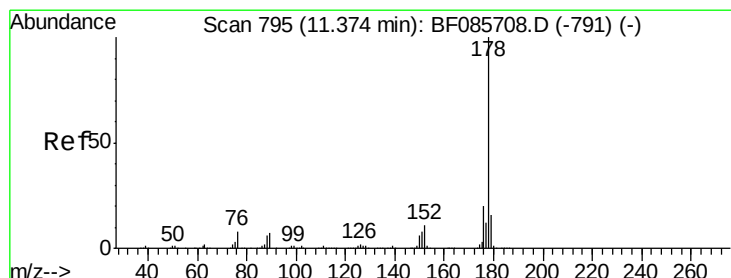
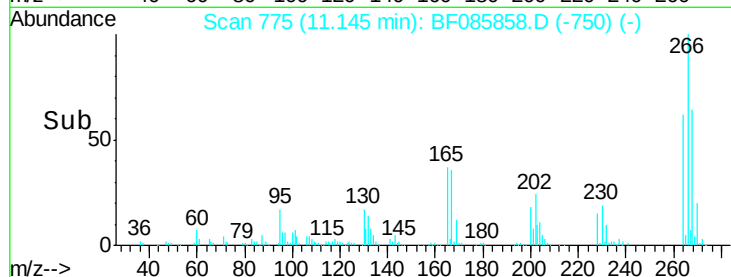
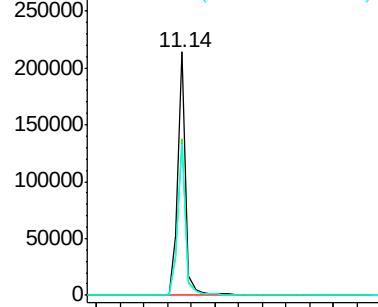
#69
 Pentachlorophenol
 Concen: 98.95 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion: 266 Resp: 209056
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 62.4 50.6 76.0

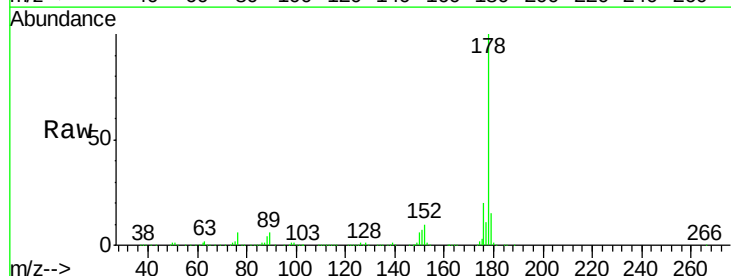


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

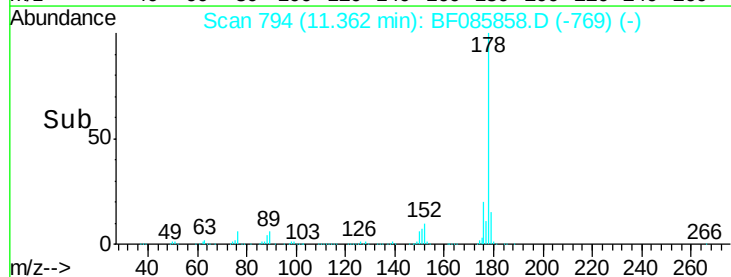
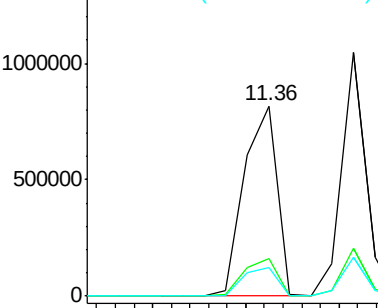


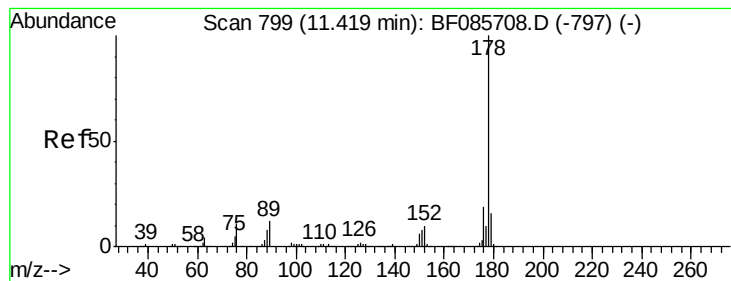
#70
 Phenanthrene
 Concen: 48.50 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion: 178 Resp: 1001583
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 15.4 12.6 18.8



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: 43.22 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

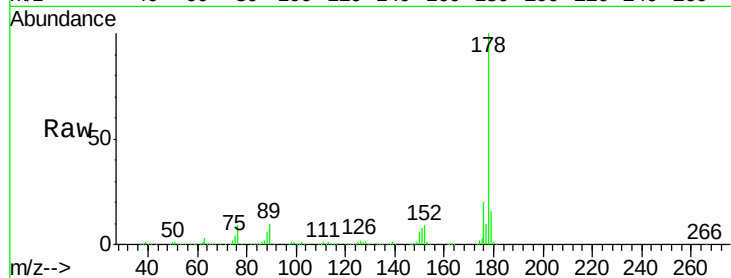
Tgt Ion:178 Resp: 937128

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

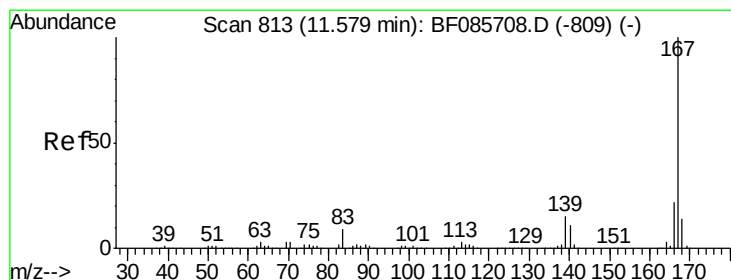
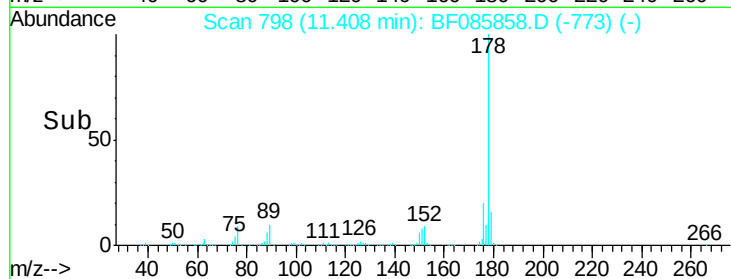
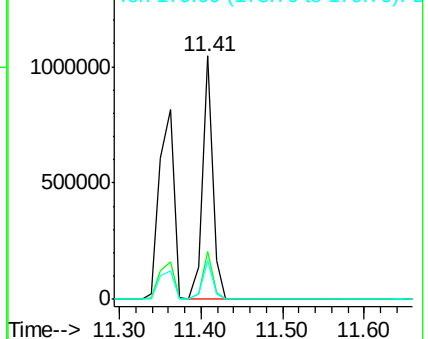
179 16.1 13.0 19.4



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



#72

Carbazole

Concen: 53.21 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

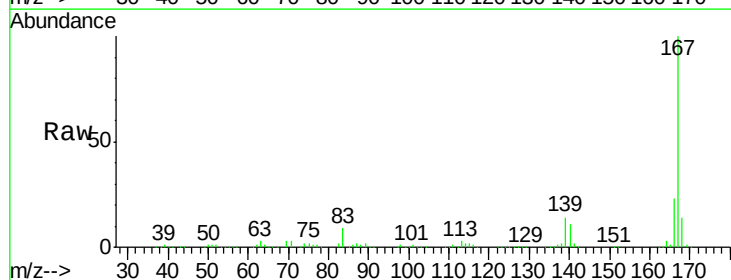
Tgt Ion:167 Resp: 968646

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

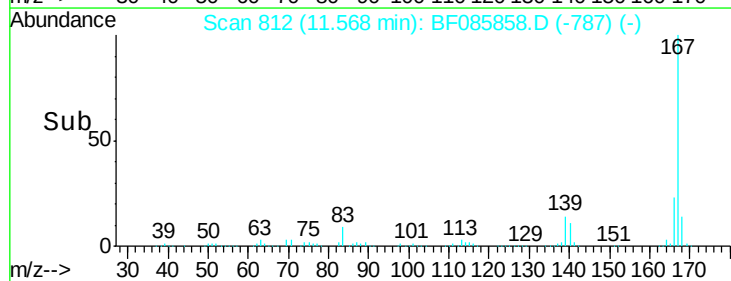
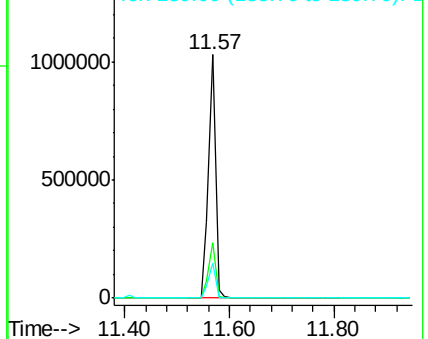
139 14.4 11.6 17.4

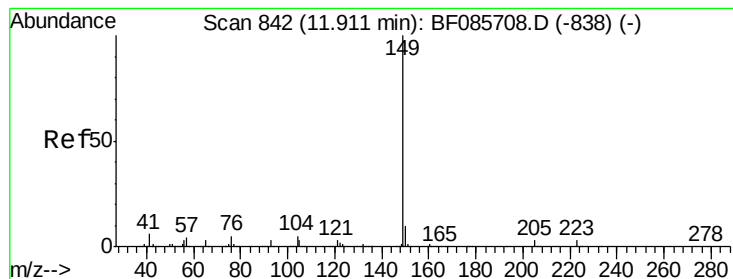


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.33 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampled :

TP-7MSD

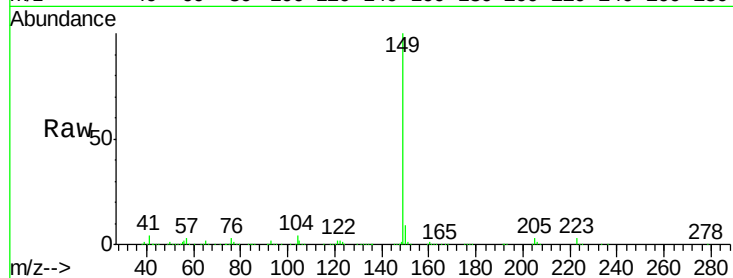
Tgt Ion:149 Resp: 1157200

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

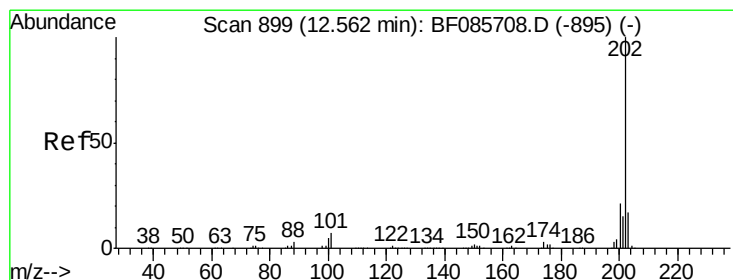
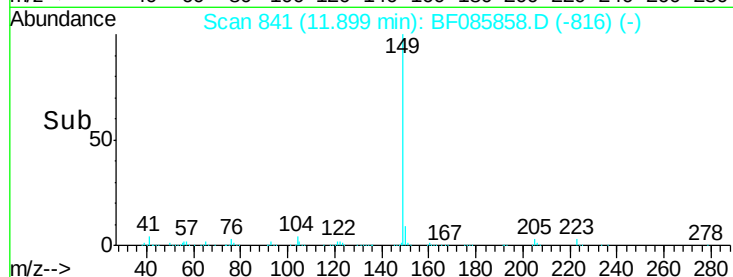
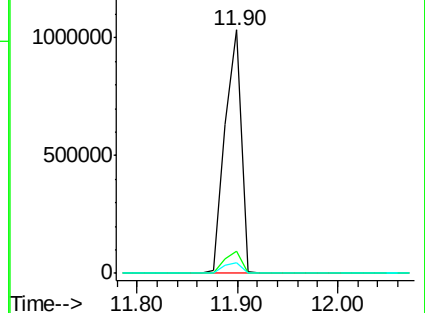
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.17 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

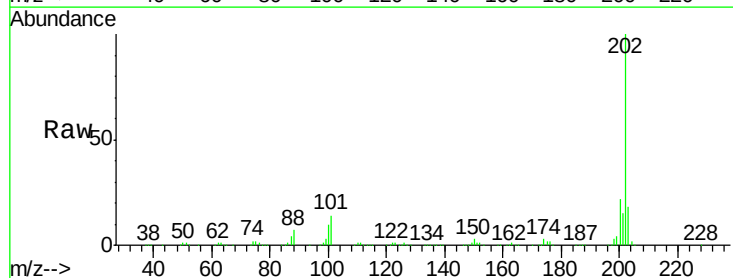
Tgt Ion:202 Resp: 903739

Ion Ratio Lower Upper

202 100

101 14.4 0.0 36.6

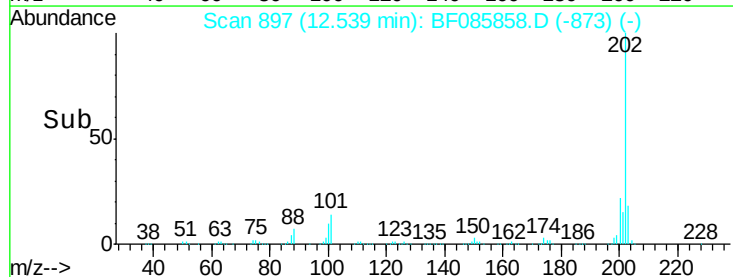
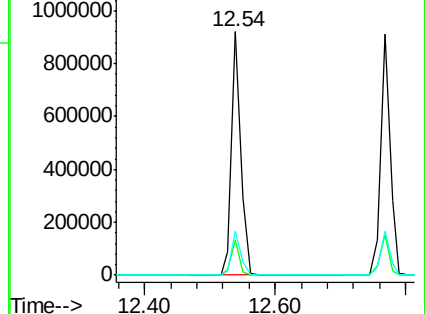
203 18.3 0.0 38.1

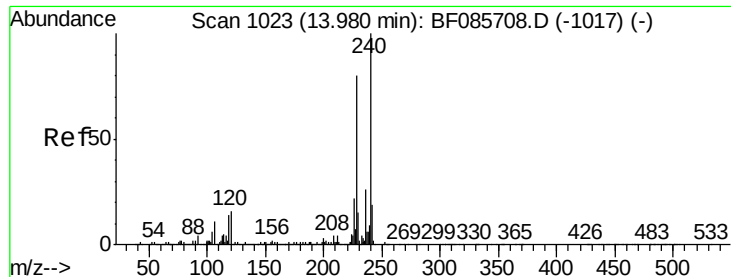


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

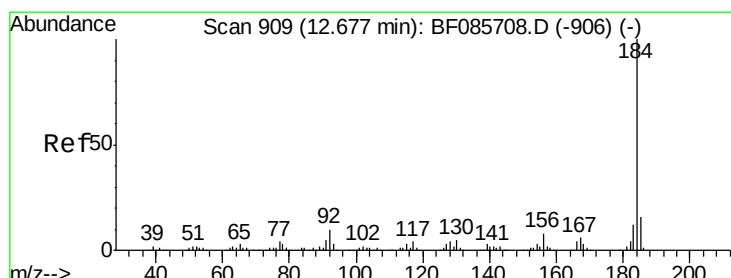
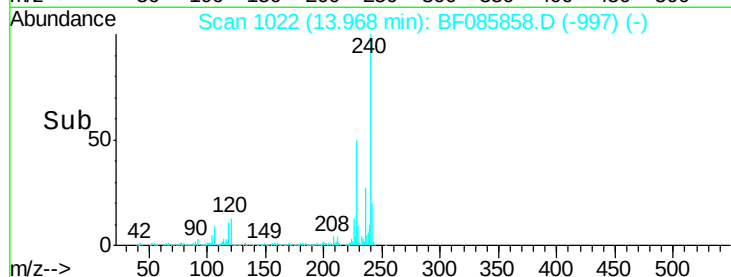
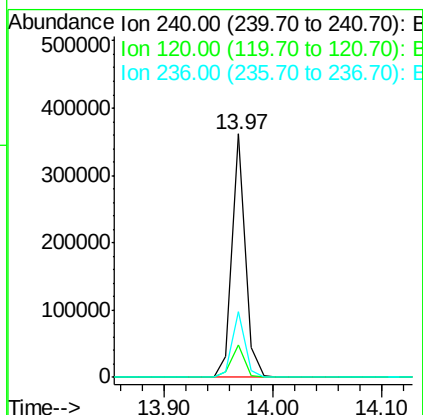
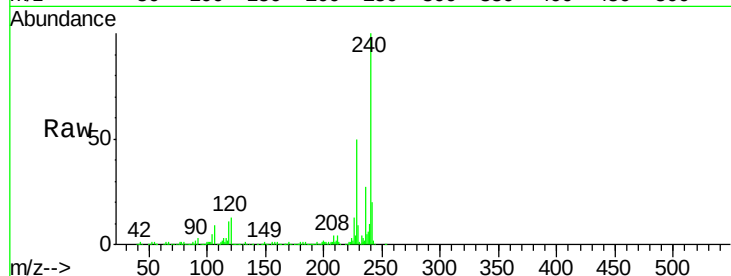




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

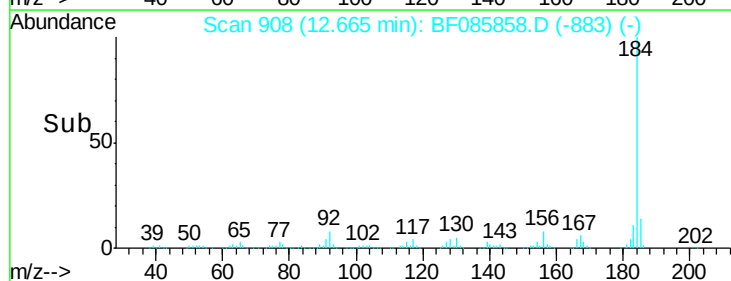
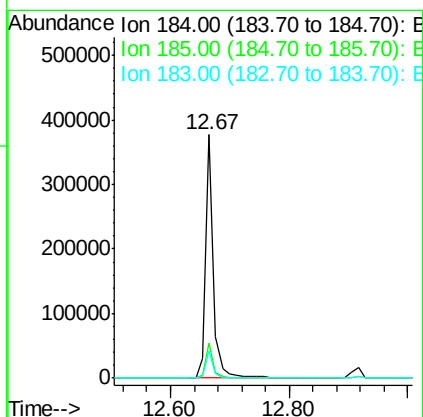
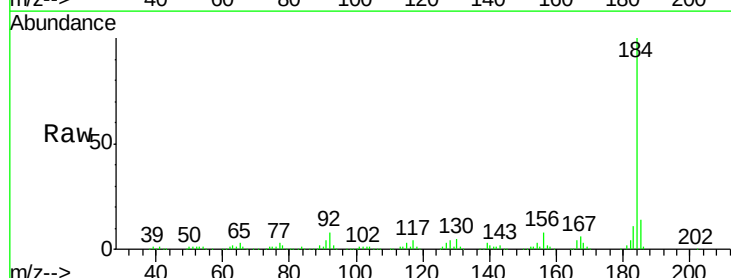
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

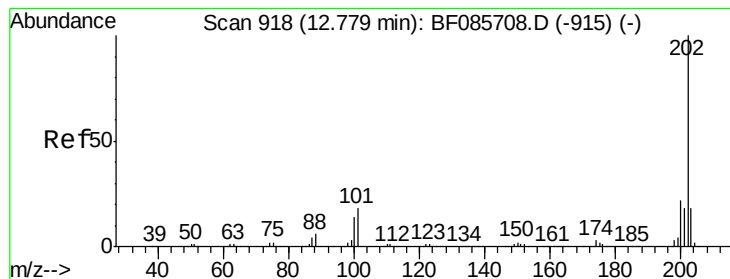
Tgt Ion:240 Resp: 304148
Ion Ratio Lower Upper
240 100
120 13.2 13.8 20.8#
236 27.1 20.6 30.8



#76
Benzidine
Concen: 33.08 ng
RT: 12.67 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion:184 Resp: 354370
Ion Ratio Lower Upper
184 100
185 14.4 12.4 18.6
183 11.5 9.4 14.2





#77

Pyrene

Concen: 36.74 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

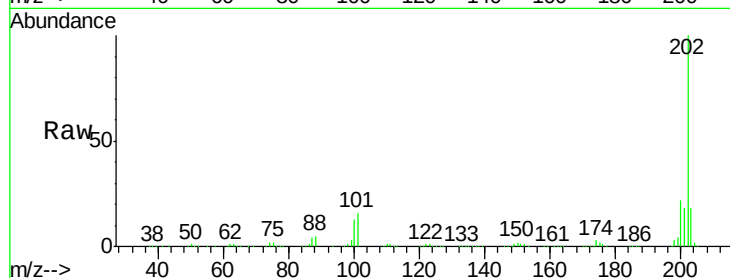
Tgt Ion:202 Resp: 918556

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

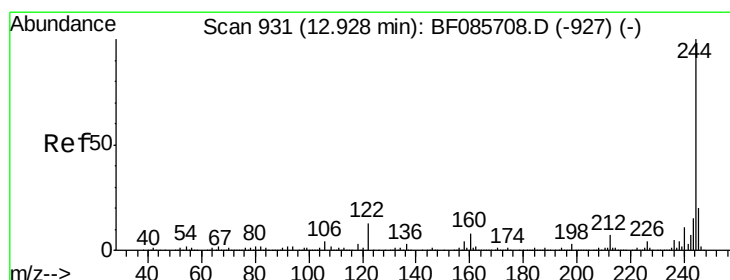
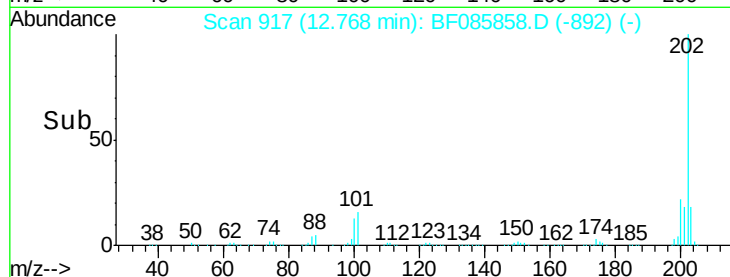
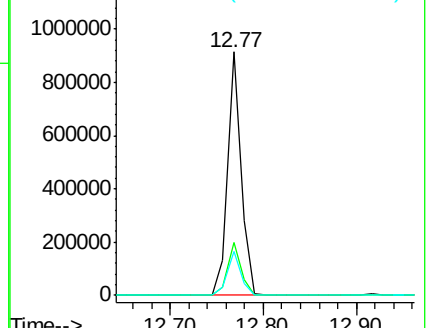
203 18.1 14.0 21.0



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: 75.85 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

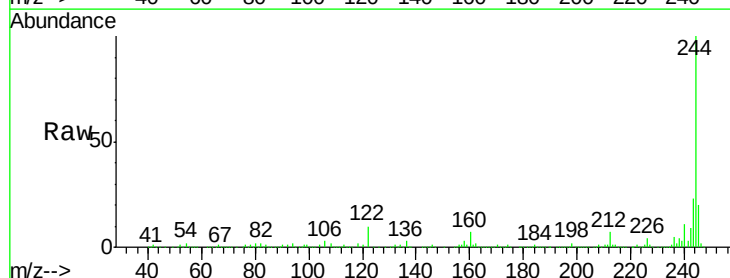
Tgt Ion:244 Resp: 1121741

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

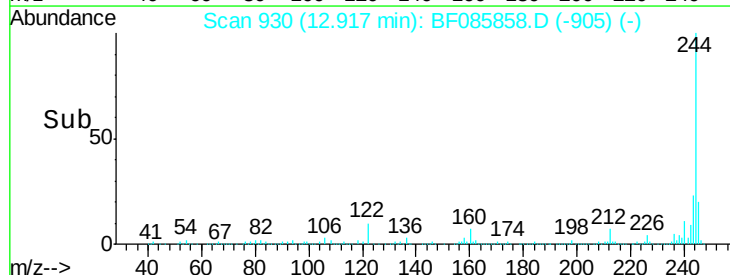
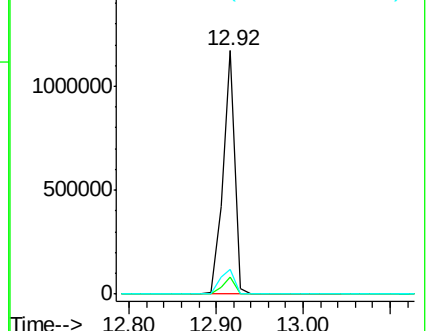
122 10.4 10.2 15.4

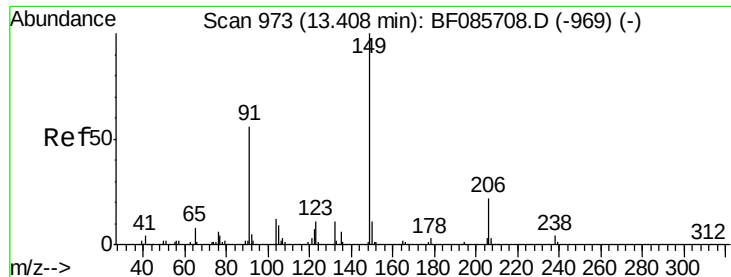


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.77 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

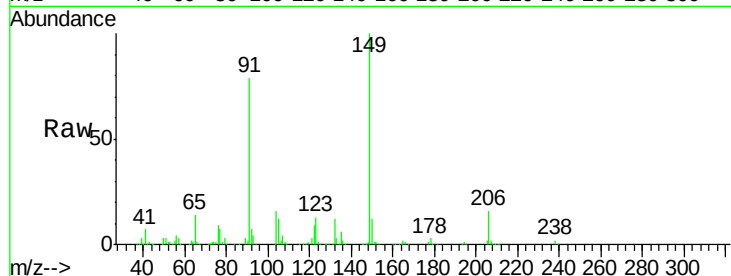
Tgt Ion:149 Resp: 416429

Ion Ratio Lower Upper

149 100

91 79.4 45.8 68.8#

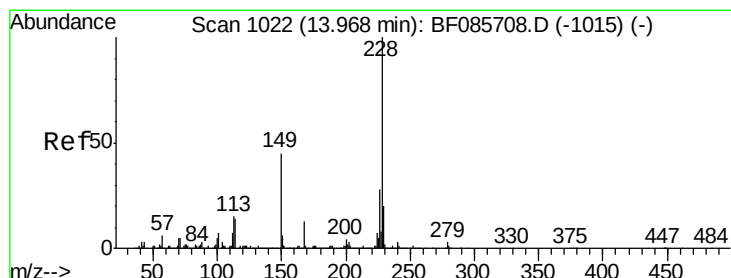
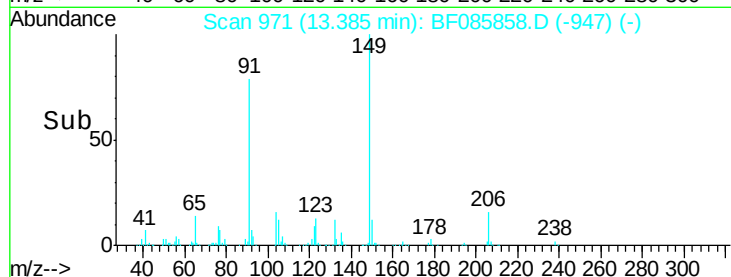
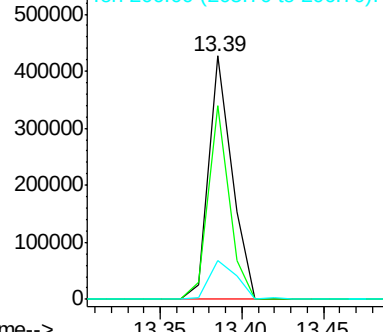
206 15.9 17.8 26.8#



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: 42.61 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

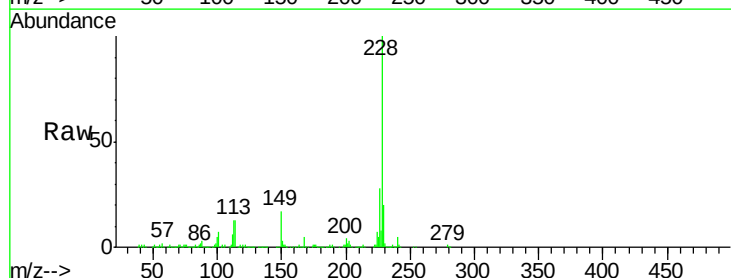
Tgt Ion:228 Resp: 739049

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

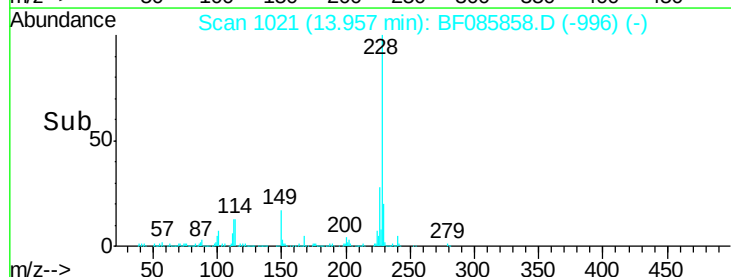
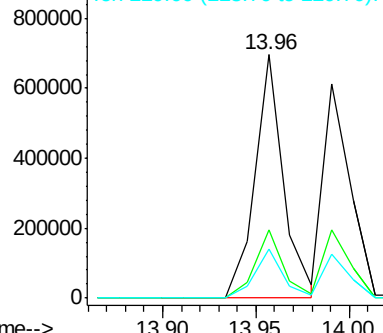
229 20.1 16.2 24.4

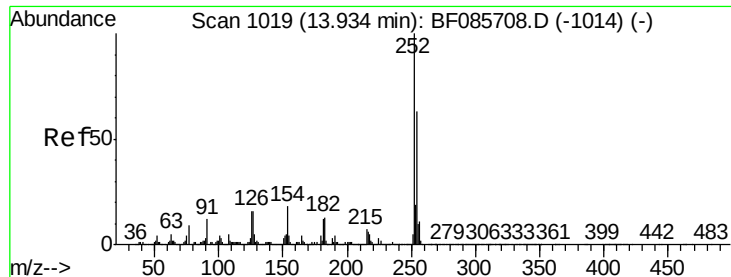


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

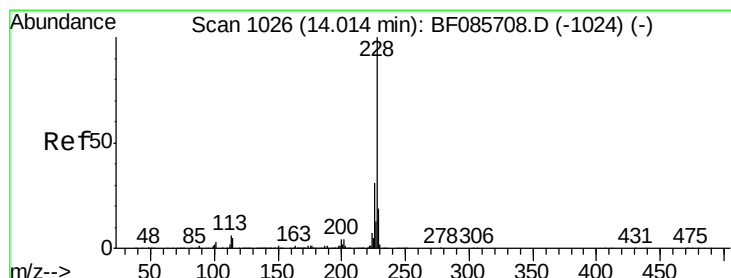
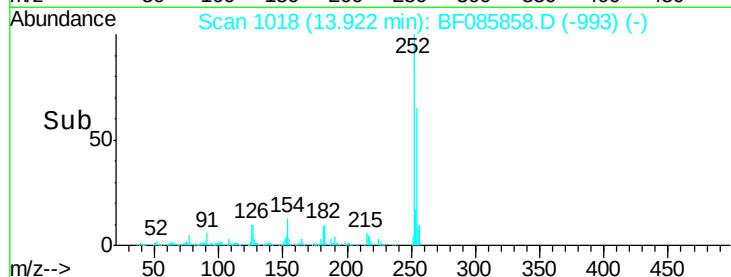
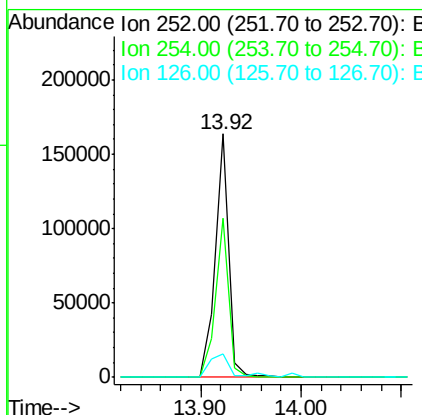
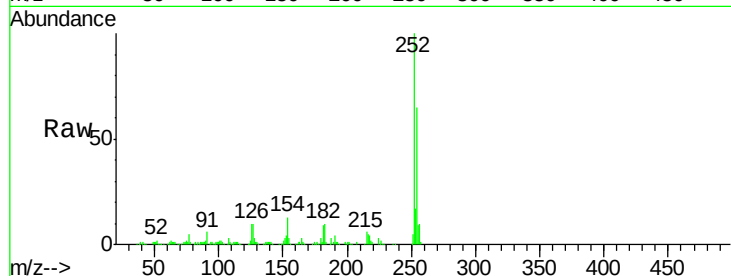




#81
 3,3'-Dichlorobenzidine
 Concen: 12.62 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

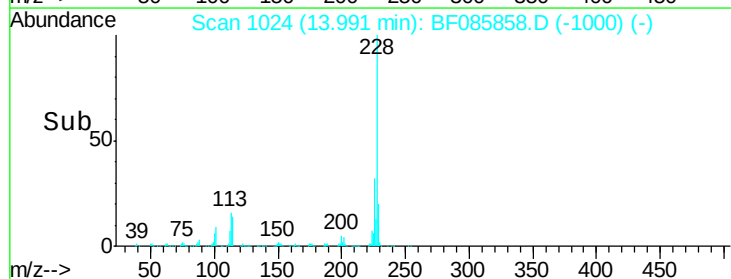
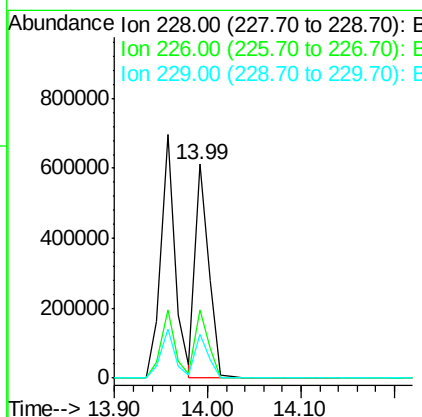
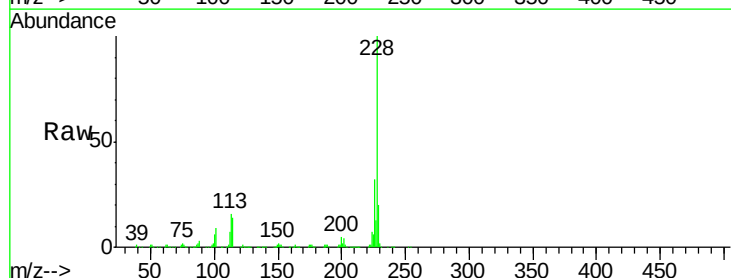
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

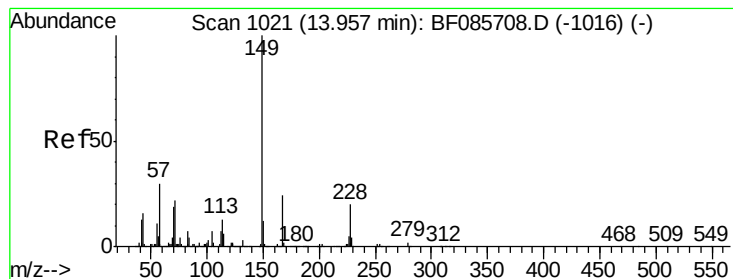
Tgt Ion:252 Resp: 151837
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 9.5 11.8 17.6#



#82
 Chrysene
 Concen: 35.85 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:228 Resp: 626262
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 20.4 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.16 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

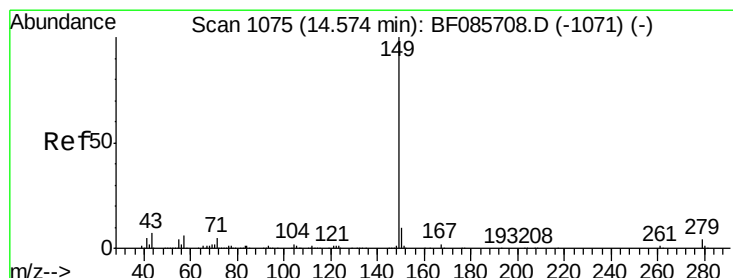
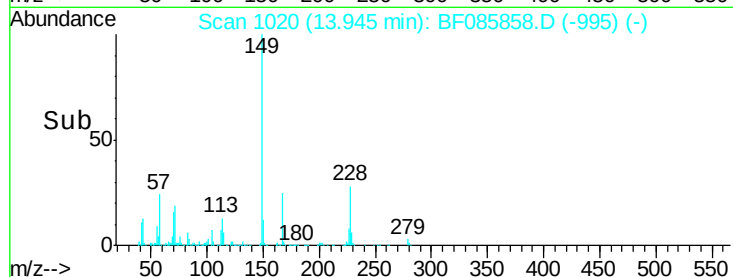
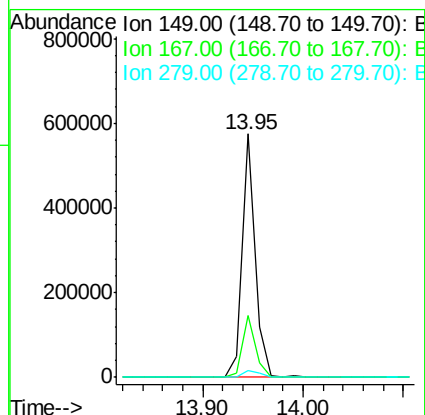
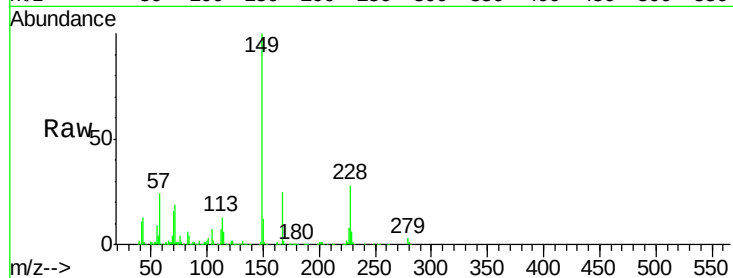
Tgt Ion:149 Resp: 516007

Ion Ratio Lower Upper

149 100

167 25.2 19.4 29.2

279 2.7 1.5 2.3#



#84

Di-n-octyl phthalate

Concen: 46.71 ng

RT: 14.55 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

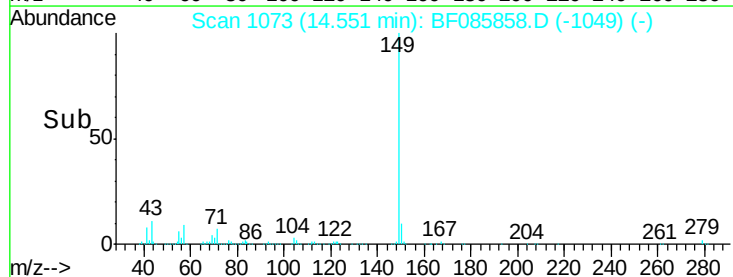
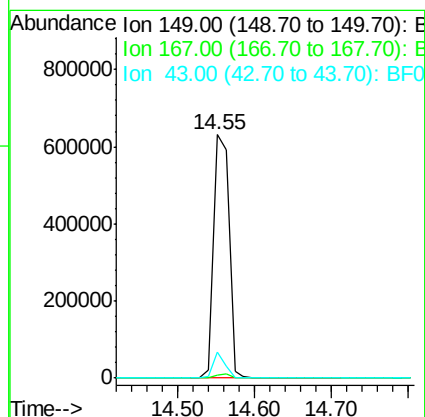
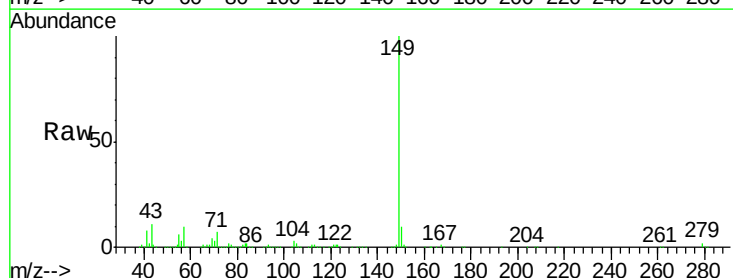
Tgt Ion:149 Resp: 870775

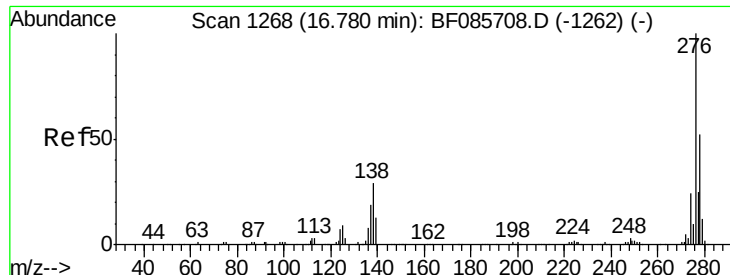
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.2 7.1 10.7

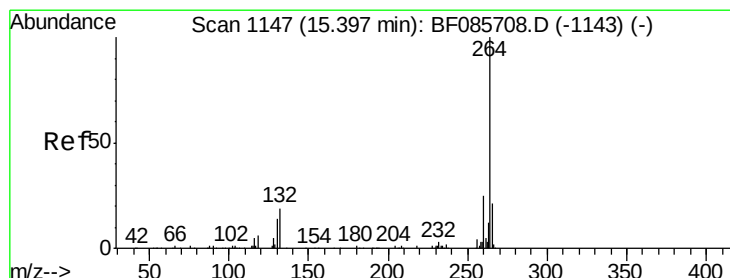
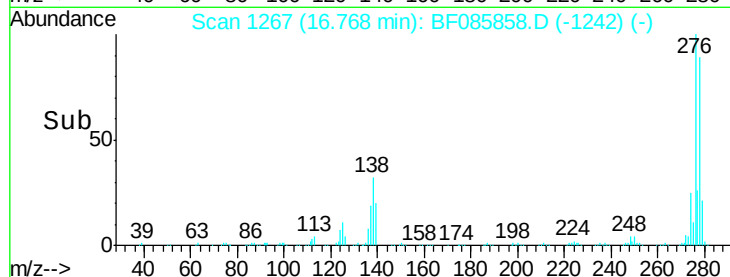
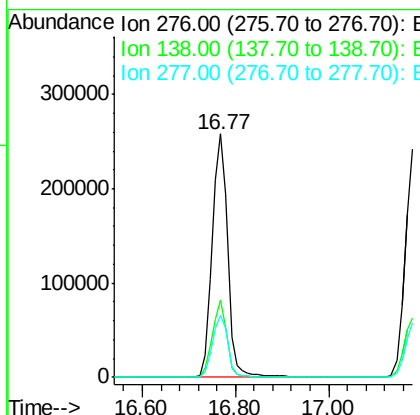
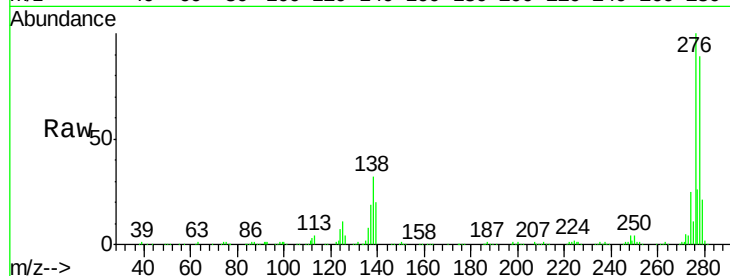




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.76 ng
 RT: 16.77 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

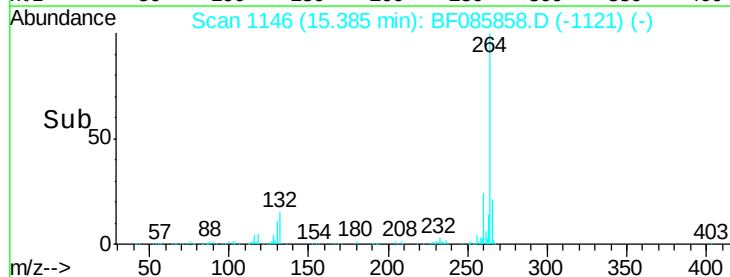
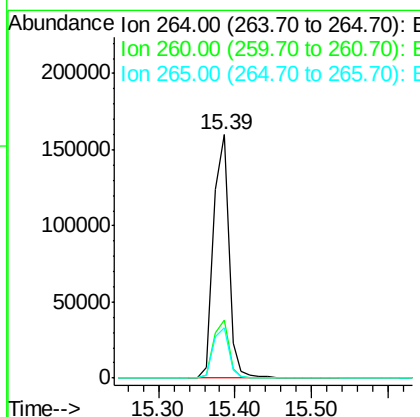
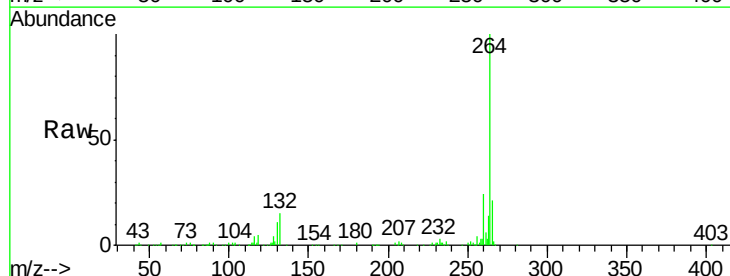
Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

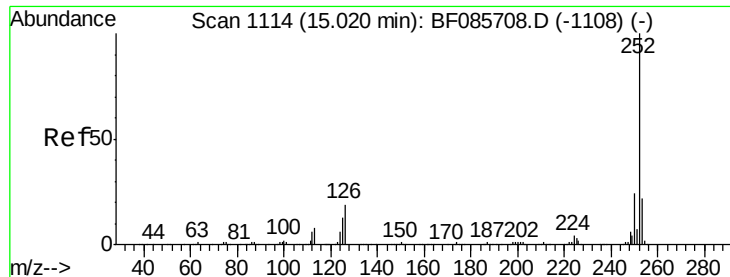
Tgt Ion:276 Resp: 603737
 Ion Ratio Lower Upper
 276 100
 138 29.4 24.2 36.4
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Tgt Ion:264 Resp: 222479
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 85.69 ng

RT: 15.01 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

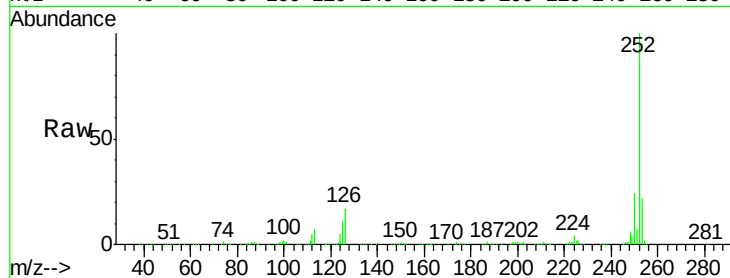
Tgt Ion:252 Resp: 1200992

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

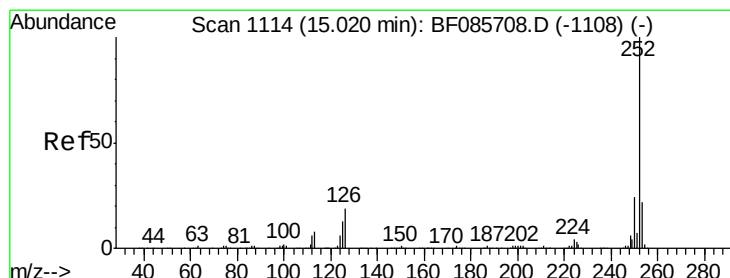
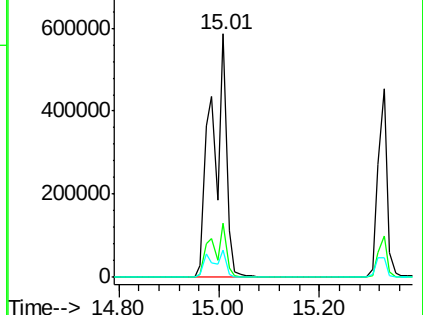
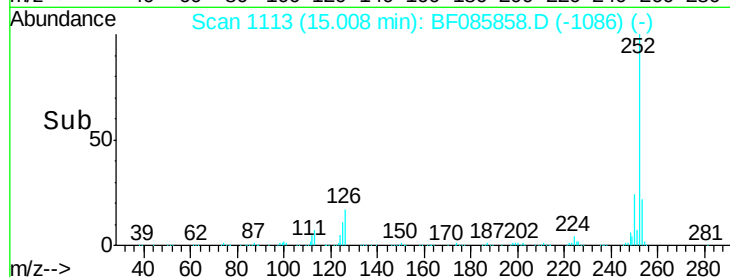
125 11.0 10.3 15.5



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: 95.07 ng

RT: 15.01 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF085858.D

Acq: 29 Mar 2016 19:36

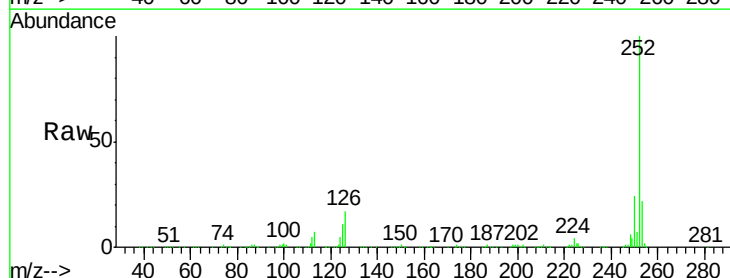
Tgt Ion:252 Resp: 1201268

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

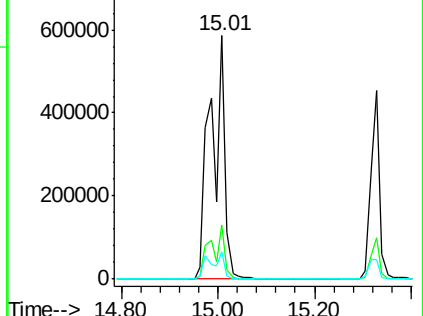
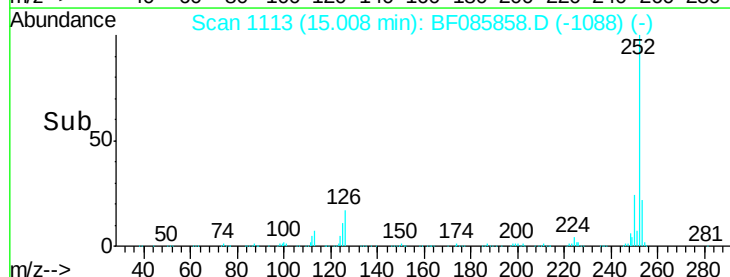
125 11.0 7.7 11.5

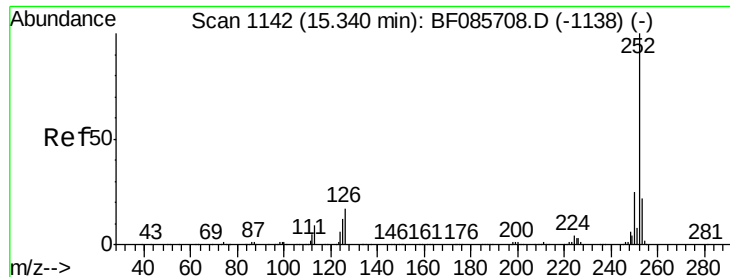


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

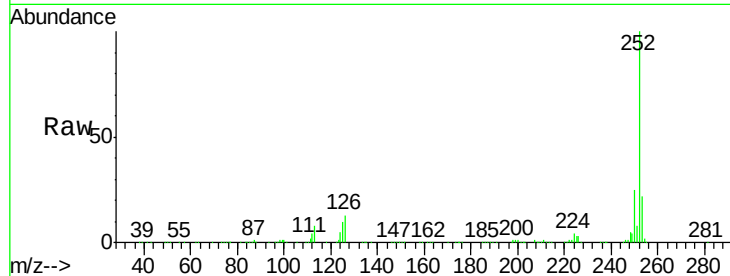




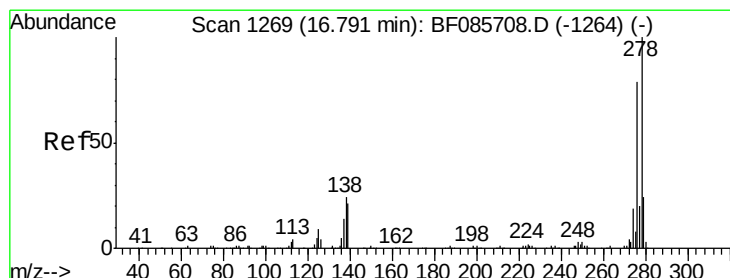
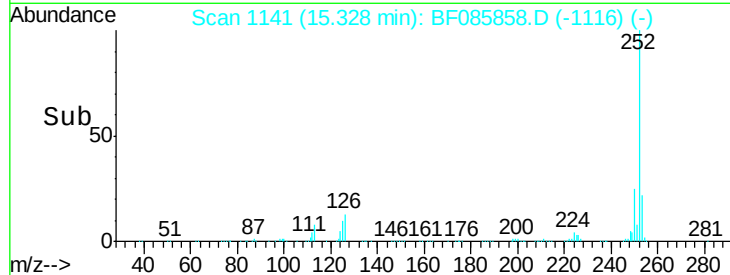
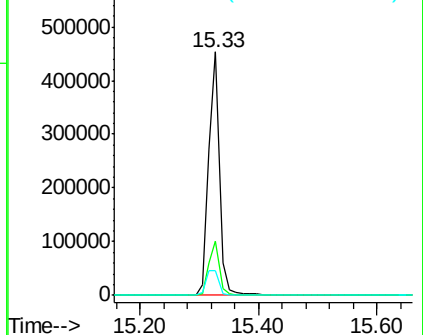
#89
Benzo(a)pyrene
Concen: 45.83 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion: 252 Resp: 570389
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.2 10.3 15.5#

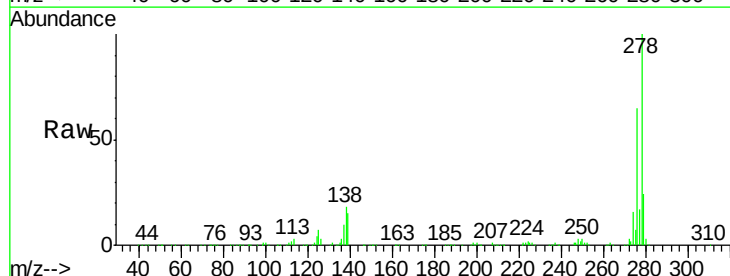


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

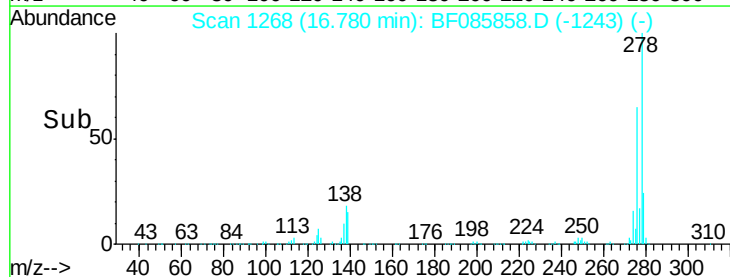
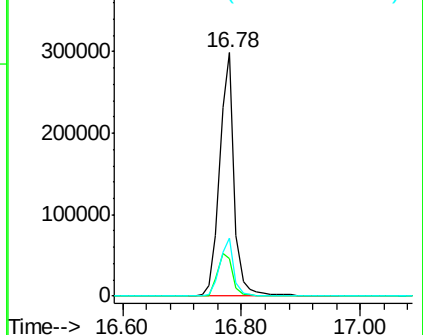


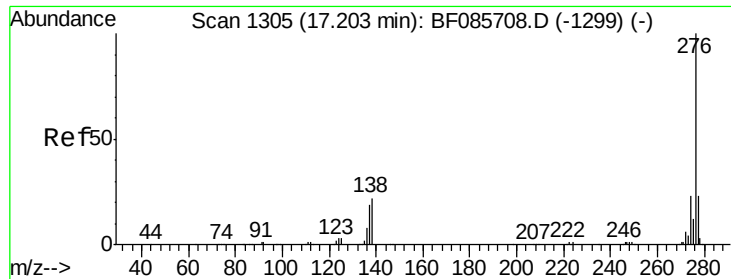
#90
Dibenzo(a,h)anthracene
Concen: 44.07 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085858.D
Acq: 29 Mar 2016 19:36

Tgt Ion: 278 Resp: 509509
Ion Ratio Lower Upper
278 100
139 15.5 14.4 21.6
279 23.6 19.1 28.7



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

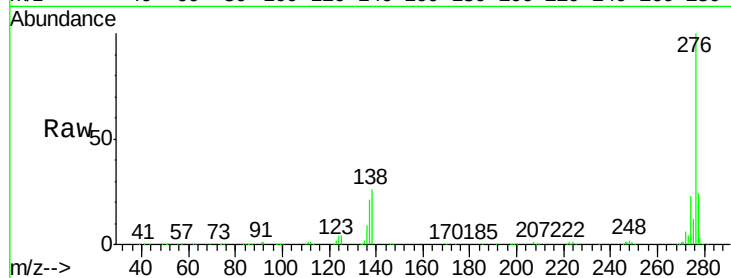




#91
 Benzo(g,h,i)perylene
 Concen: 43.29 ng
 RT: 17.18 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF085858.D
 Acq: 29 Mar 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	26.0	22.6	34.0



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

