

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081871.D
 Acq On : 29 Sep 2015 7:34
 Operator : UM/IZ
 Sample : G3717-10MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Quant Time: Sep 29 08:20:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	101049	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	388358	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	192484	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	365737	20.00	ng	0.01
75) Chrysene-d12	14.12	240	343558	20.00	ng	0.00
86) Perylene-d12	15.58	264	253152	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	415935	74.72	ng	0.01
7) Phenol-d6	6.56	99	369589	52.76	ng	0.00
23) Nitrobenzene-d5	7.51	82	697726	119.76	ng	0.01
41) 2,4,6-Tribromophenol	10.78	330	327255	167.87	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1270685	119.82	ng	0.00
78) Terphenyl-d14	13.05	244	1149691	122.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	48762	20.14	ng	88
3) Pyridine	3.36	79	85818	13.62	ng	88
4) n-Nitrosodimethylamine	3.29	42	53012	18.52	ng	# 99
6) Aniline	6.61	93	180471	19.18	ng	# 89
8) 2-Chlorophenol	6.72	128	247134	40.20	ng	97
9) Benzaldehyde	6.48	77	98517	21.48	ng	# 82
10) Phenol	6.57	94	133862	17.04	ng	74
11) bis(2-Chloroethyl)ether	6.66	93	313421	51.44	ng	96
12) 1,3-Dichlorobenzene	7.11	146	263049	36.23	ng	98
13) 1,4-Dichlorobenzene	7.11	146	278081	36.68	ng	97
14) 1,2-Dichlorobenzene	7.11	146	289640	42.87	ng	99
15) Benzyl Alcohol	7.07	79	170122	33.65	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.21	45	439033	50.97	ng	79
17) 2-Methylphenol	7.19	107	176014	35.32	ng	# 85
18) Hexachloroethane	7.44	117	102553	43.21	ng	89
19) n-Nitroso-di-n-propylamine	7.35	70	213626	50.18	ng	# 77
20) 3+4-Methylphenols	7.34	107	198637	31.56	ng	# 34
22) Acetophenone	7.35	105	416900	52.50	ng	# 84
24) Nitrobenzene	7.52	77	319835	50.56	ng	# 68
25) Isophorone	7.76	82	602837	52.21	ng	# 93
26) 2-Nitrophenol	7.84	139	167019	55.00	ng	# 79
27) 2,4-Dimethylphenol	7.87	122	249293	46.67	ng	# 83
28) bis(2-Chloroethoxy)methane	7.98	93	355959	51.91	ng	# 96
29) 2,4-Dichlorophenol	8.08	162	269898	52.10	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	283573	49.04	ng	98
31) Naphthalene	8.24	128	862964	50.15	ng	97
32) Benzoic acid	7.98	122	62685	23.96	ng	# 73
33) 4-Chloroaniline	8.31	127	199426	26.80	ng	# 94
34) Hexachlorobutadiene	8.35	225	161845	47.32	ng	98
36) 4-Chloro-3-methylphenol	8.77	107	257771	50.89	ng	# 79
37) 2-Methylnaphthalene	8.94	142	617000	52.53	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	289301	48.96	ng	99
40) Hexachlorocyclopentadiene	9.09	237	246137	80.88	ng	96
42) 2,4,6-Trichlorophenol	9.21	196	193911	47.87	ng	98

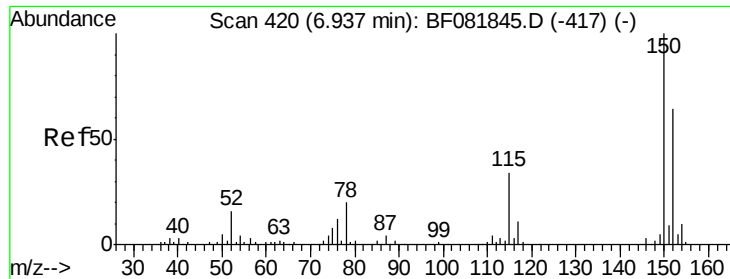
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	216127	51.88	ng	96
45) 1,1'-Biphenyl	9.41	154	746565	50.27	ng	94
46) 2-Chloronaphthalene	9.43	162	588441	50.47	ng	94
47) 2-Nitroaniline	9.53	65	181292	52.96	ng	88
48) Acenaphthylene	9.84	152	847510	45.41	ng	96
49) Dimethylphthalate	9.70	163	638812	48.08	ng	# 97
50) 2,6-Dinitrotoluene	9.77	165	164967	57.19	ng	# 92
51) Acenaphthene	10.01	154	596196	53.80	ng	90
52) 3-Nitroaniline	9.94	138	94892	28.43	ng	# 76
53) 2,4-Dinitrophenol	10.05	184	151647	95.20	ng	# 68
54) Dibenzofuran	10.18	168	777697	49.66	ng	# 84
55) 4-Nitrophenol	10.10	139	99657	41.33	ng	# 51
56) 2,4-Dinitrotoluene	10.17	165	208250	56.63	ng	# 83
57) Fluorene	10.53	166	603197	54.29	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	177600	53.74	ng	# 36
59) Diethylphthalate	10.40	149	631019	50.85	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	296803	51.76	ng	96
61) 4-Nitroaniline	10.56	138	143619	42.92	ng	# 45
62) Azobenzene	10.69	77	657186	54.26	ng	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	102064	58.50	ng	# 64
65) n-Nitrosodiphenylamine	10.64	169	530155	47.91	ng	92
66) 4-Bromophenyl-phenylether	11.02	248	199304	54.05	ng	# 88
67) Hexachlorobenzene	11.07	284	216314	51.98	ng	# 86
68) Atrazine	11.19	200	170364	49.62	ng	84
69) Pentachlorophenol	11.27	266	250057	105.45	ng	96
70) Phenanthrene	11.50	178	980567	56.12	ng	95
71) Anthracene	11.54	178	944069	50.79	ng	97
72) Carbazole	11.70	167	868001	51.59	ng	94
73) Di-n-butylphthalate	12.03	149	1003496	58.98	ng	# 99
74) Fluoranthene	12.69	202	1072255	54.73	ng	88
77) Pyrene	12.69	202	1066565	51.97	ng	96
79) Butylbenzylphthalate	13.53	149	444206	57.52	ng	94
80) Benzo(a)anthracene	14.10	228	928065	50.17	ng	96
81) 3,3'-Dichlorobenzidine	14.07	252	38264	6.12	ng	# 96
82) Chrysene	14.14	228	772263	52.02	ng	94
83) Bis(2-ethylhexyl)phthalate	14.08	149	550315	56.80	ng	# 89
84) Di-n-octyl phthalate	14.70	149	929853	58.98	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.05	276	796473	55.03	ng	# 86
87) Benzo(b)fluoranthene	15.16	252	731645	50.62	ng	# 86
88) Benzo(k)fluoranthene	15.16	252	731645	55.23	ng	# 87
89) Benzo(a)pyrene	15.52	252	681850	54.39	ng	# 87
90) Dibenzo(a,h)anthracene	17.08	278	642563	61.09	ng	# 80
91) Benzo(g,h,i)perylene	17.50	276	683522	63.41	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

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Instrument :

BNA_F

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PZ-1-9-17-15MSD

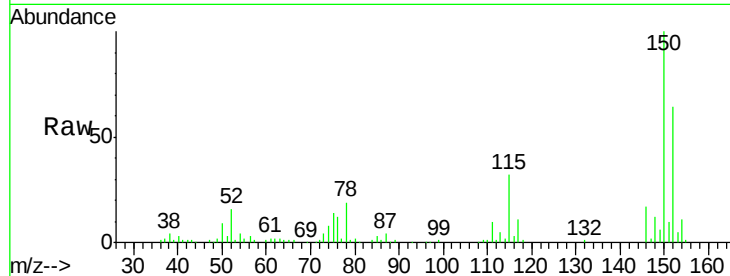
Tgt Ion:152 Resp: 101049

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

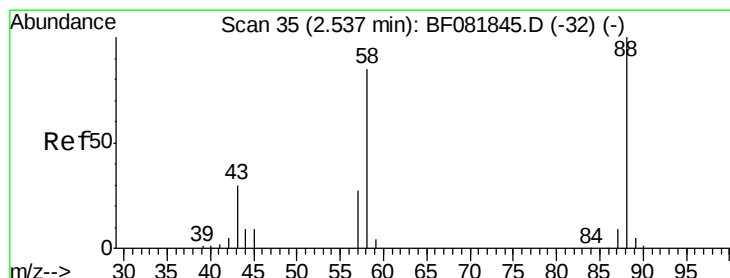
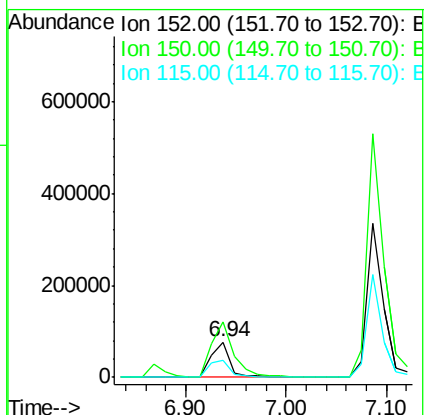
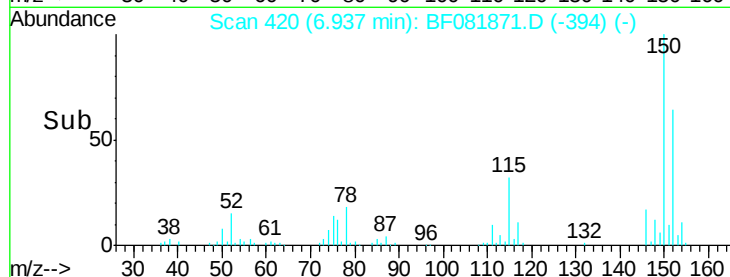
115 49.6 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.14 ng

RT: 2.58 min Scan# 39

Delta R.T. 0.05 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

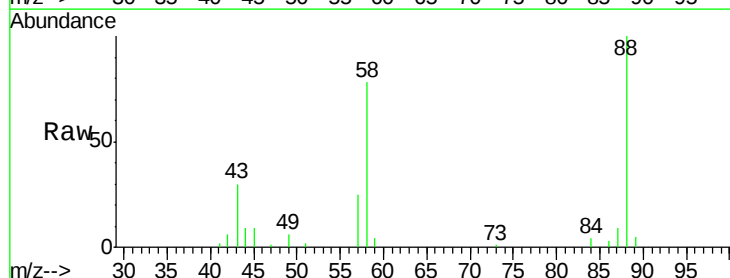
Tgt Ion: 88 Resp: 48762

Ion Ratio Lower Upper

88 100

58 85.0 77.7 116.5

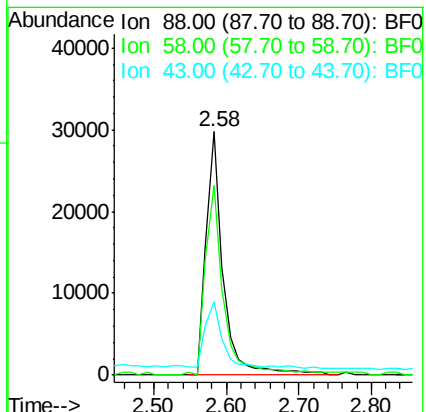
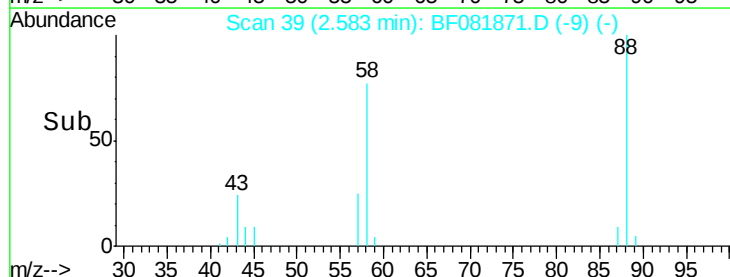
43 26.8 26.6 40.0



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

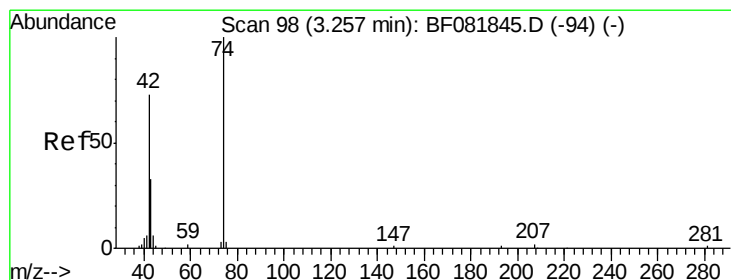
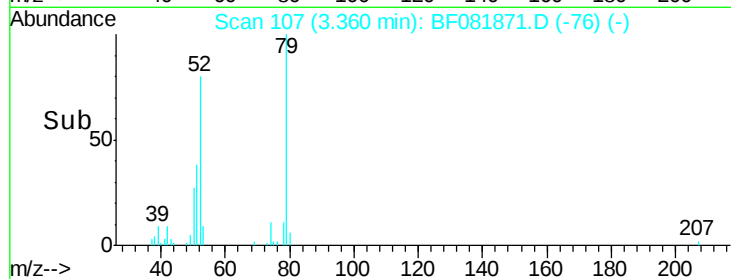
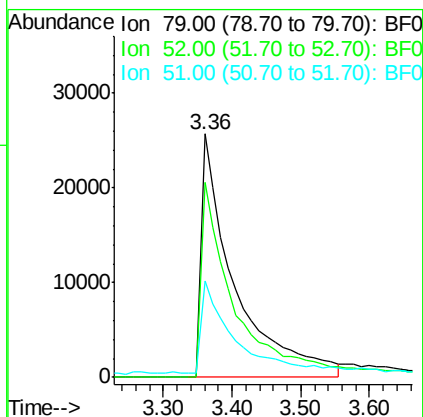
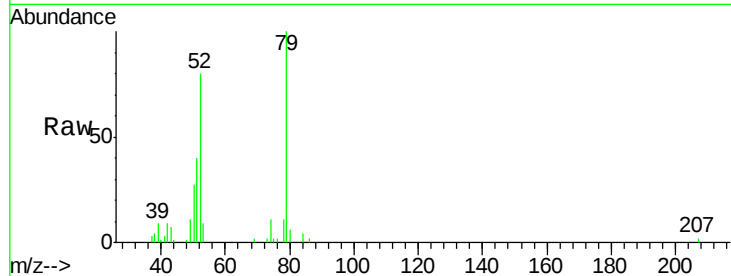




#3
 Pyridine
 Concen: 13.62 ng
 RT: 3.36 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

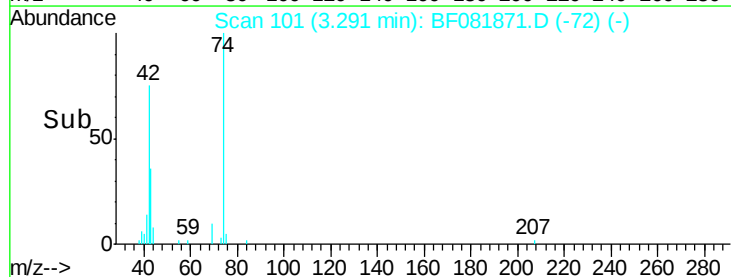
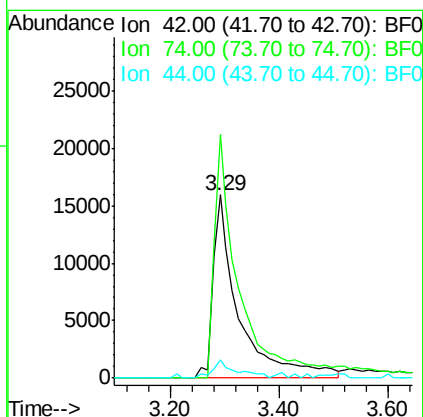
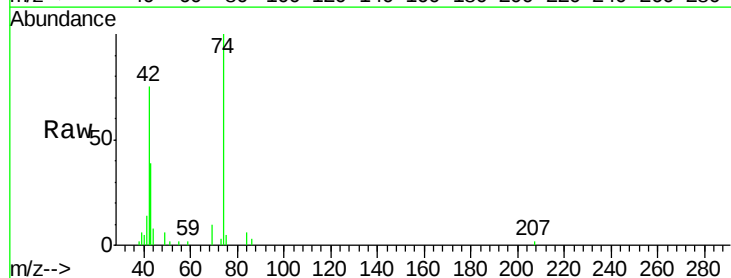
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tgt Ion: 79 Resp: 85818
 Ion Ratio Lower Upper
 79 100
 52 79.9 76.8 115.2
 51 39.7 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 18.52 ng
 RT: 3.29 min Scan# 101
 Delta R.T. 0.03 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion: 42 Resp: 53012
 Ion Ratio Lower Upper
 42 100
 74 132.8 105.0 157.6
 44 10.1 6.6 10.0#





#5

2-Fluorophenol

Concen: 74.72 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

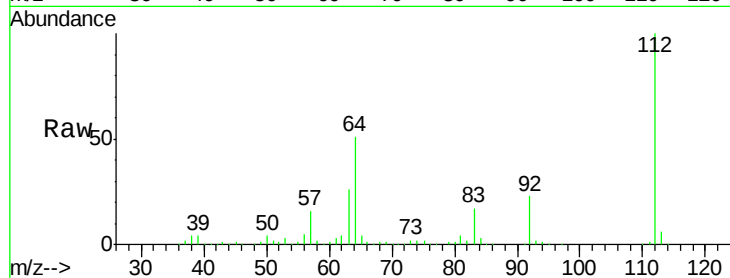
Tgt Ion: 112 Resp: 415935

Ion Ratio Lower Upper

112 100

64 50.7 39.7 59.5

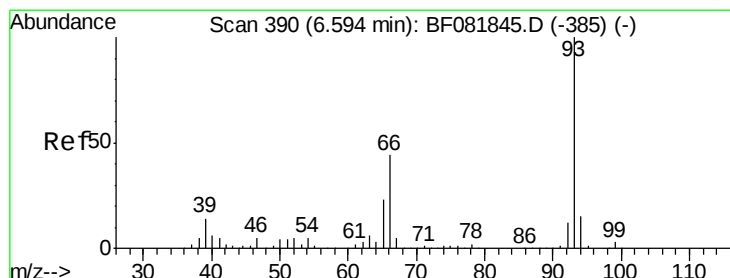
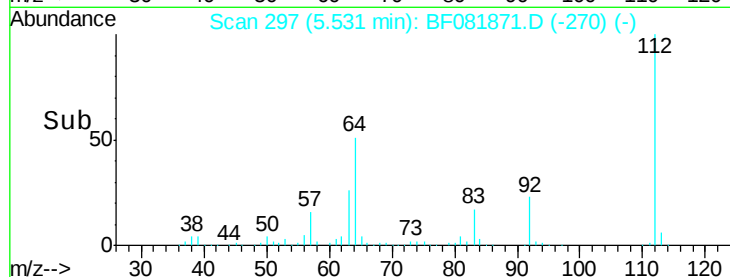
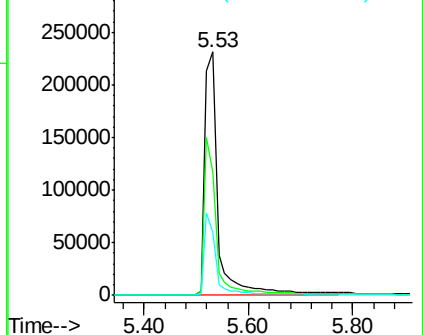
63 26.1 17.4 26.0#



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: 19.18 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

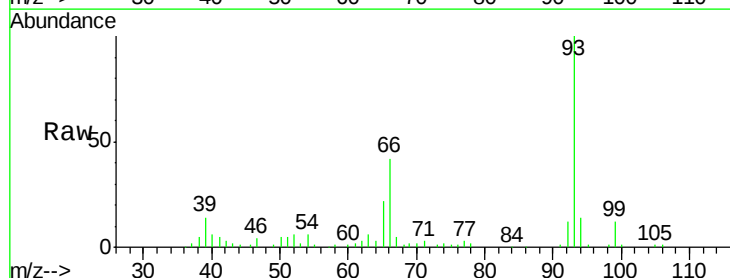
Tgt Ion: 93 Resp: 180471

Ion Ratio Lower Upper

93 100

66 41.6 27.2 40.8#

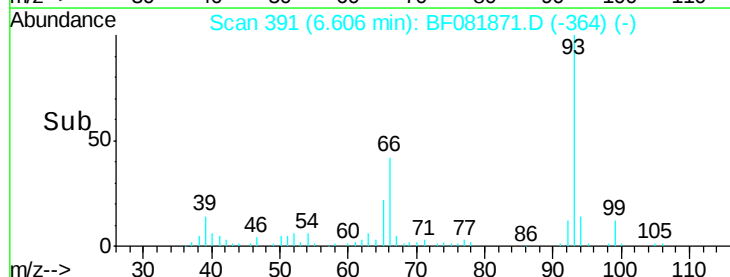
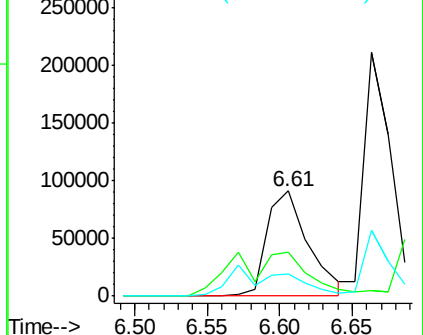
65 21.7 14.7 22.1

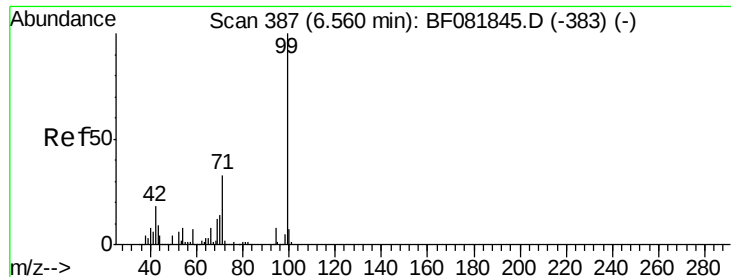


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 52.76 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

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ClientSampleId :

PZ-1-9-17-15MSD

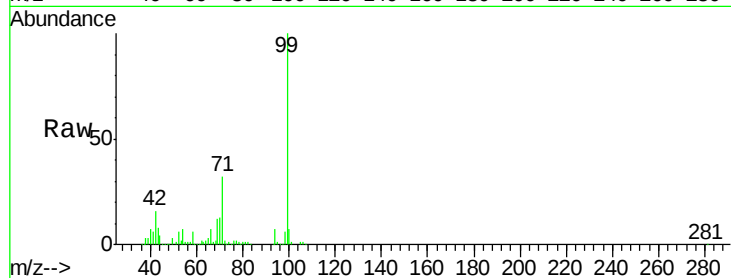
Tgt Ion: 99 Resp: 369589

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

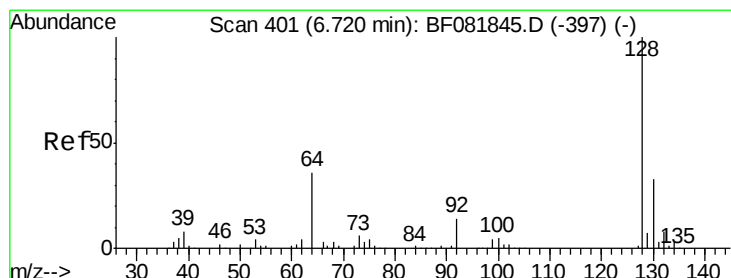
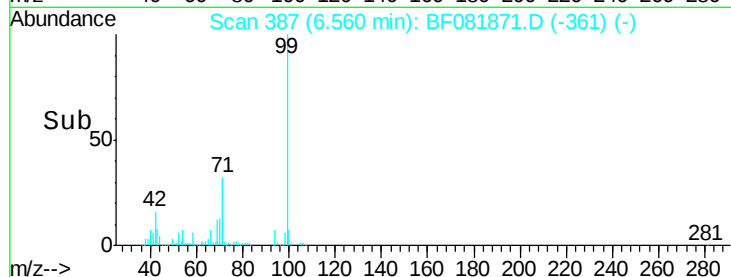
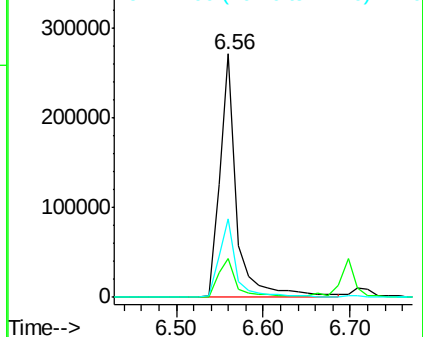
71 32.1 14.2 21.2#



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: 40.20 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

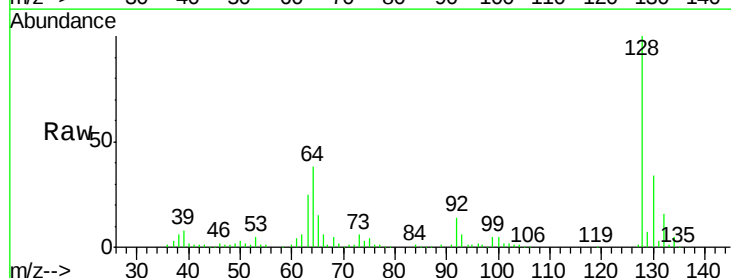
Tgt Ion: 128 Resp: 247134

Ion Ratio Lower Upper

128 100

130 33.6 12.2 52.2

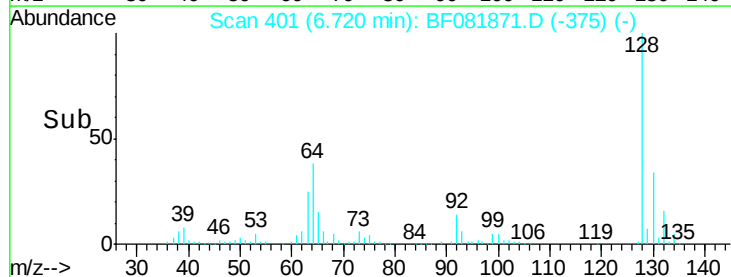
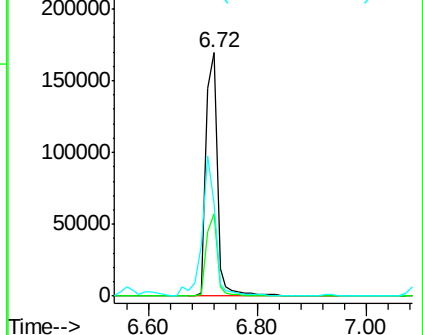
64 37.9 20.5 60.5

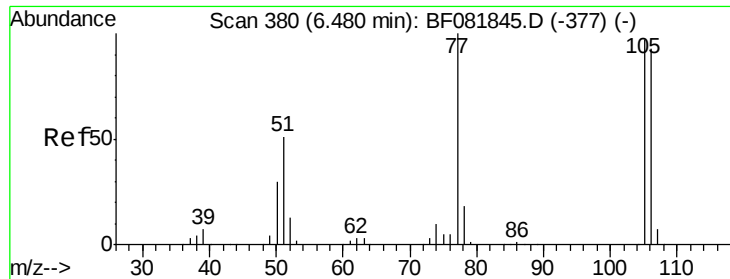


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.48 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

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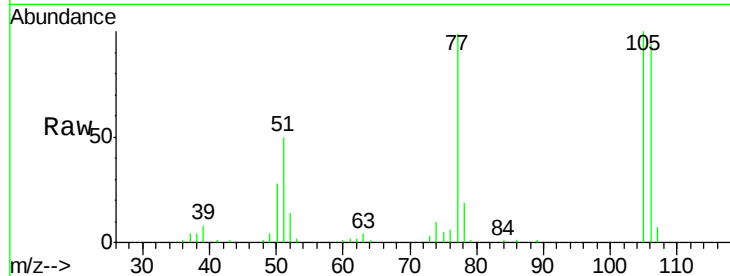
Tgt Ion: 77 Resp: 98517

Ion Ratio Lower Upper

77 100

105 100.7 91.6 131.6

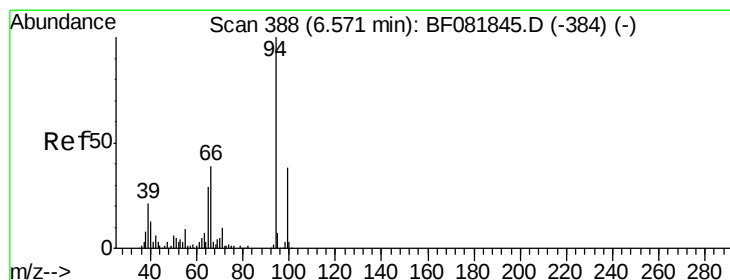
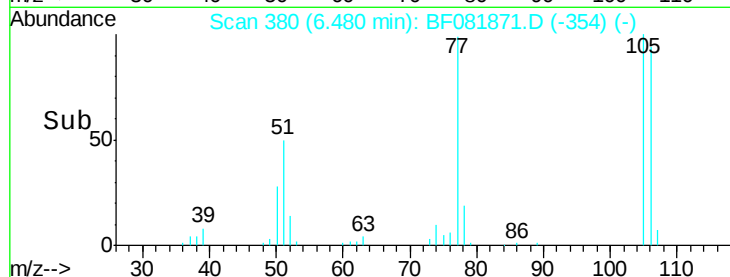
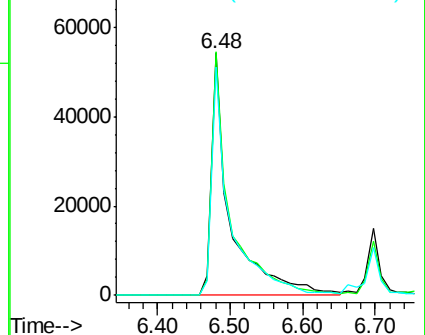
106 94.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 17.04 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

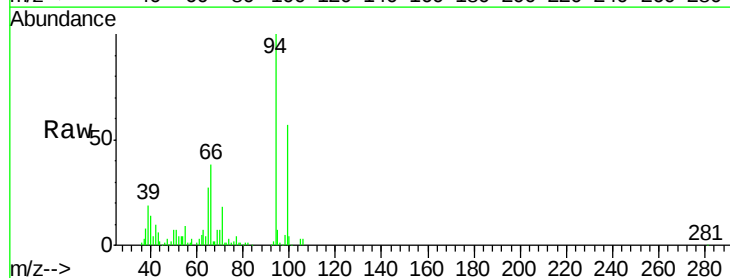
Tgt Ion: 94 Resp: 133862

Ion Ratio Lower Upper

94 100

65 27.1 0.7 40.7

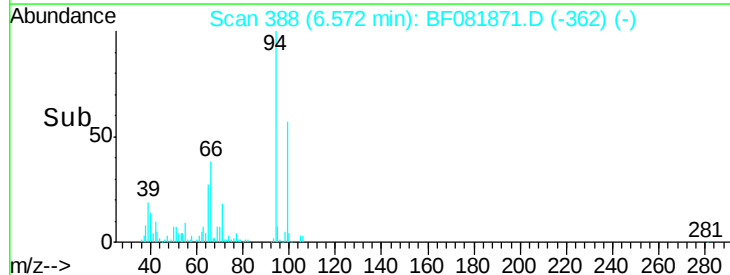
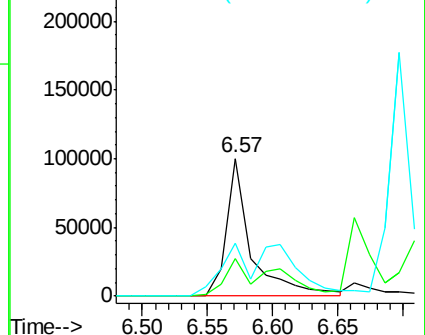
66 38.3 0.8 40.8

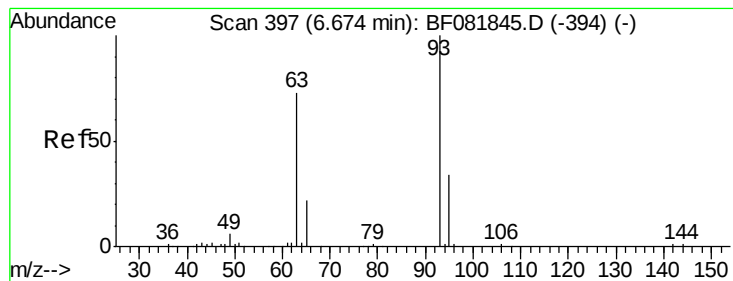


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.44 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

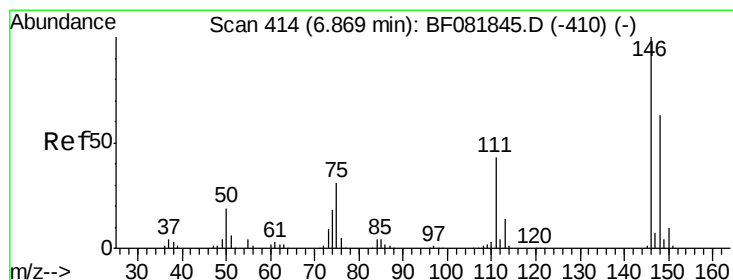
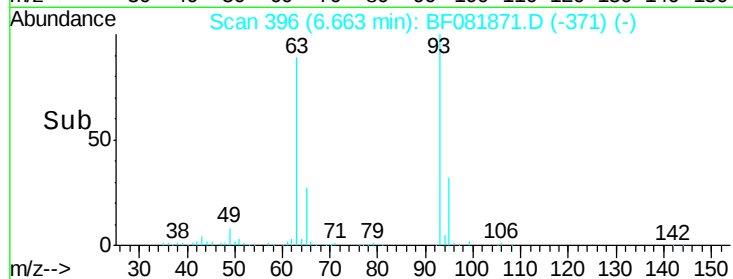
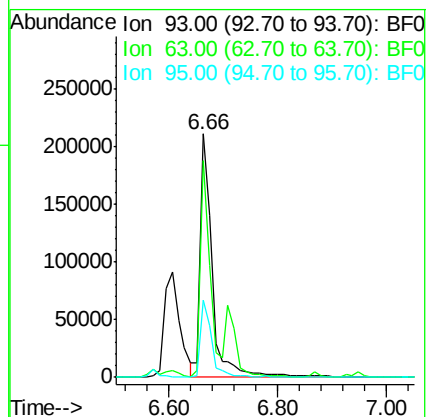
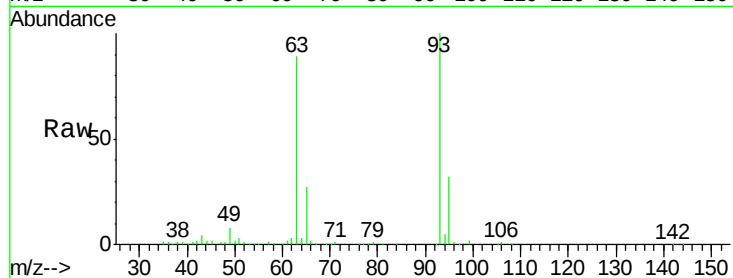
Tgt Ion: 93 Resp: 313421

Ion Ratio Lower Upper

93 100

63 89.0 65.6 105.6

95 31.7 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 36.23 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.24 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

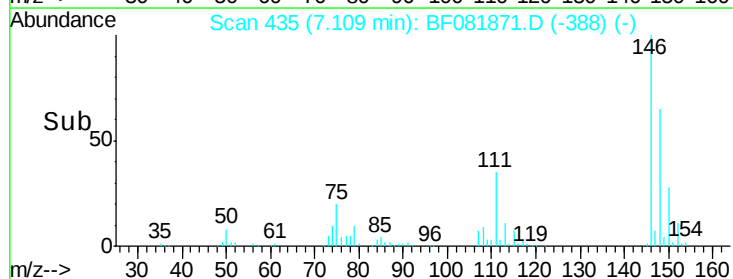
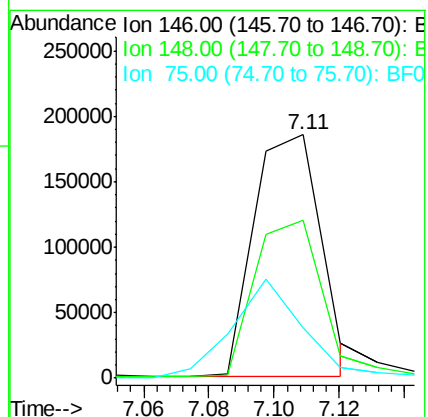
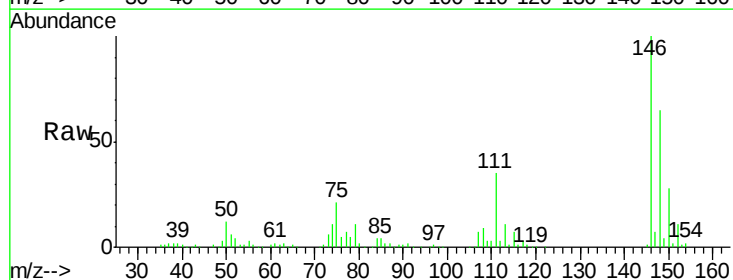
Tgt Ion: 146 Resp: 263049

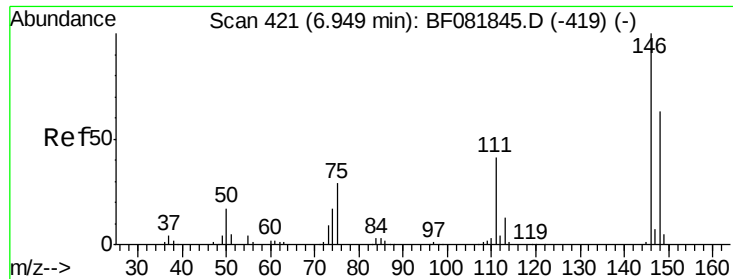
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.4

75 20.7 15.0 22.6

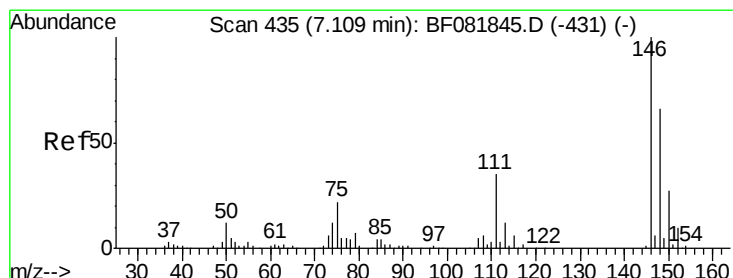
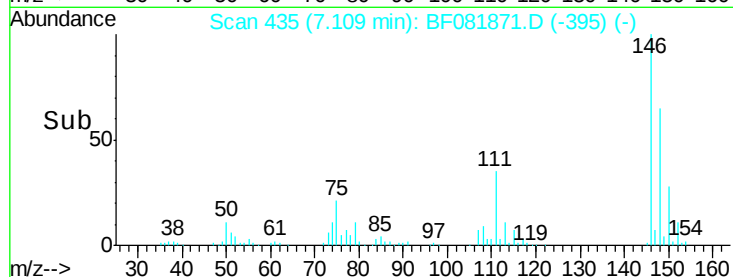
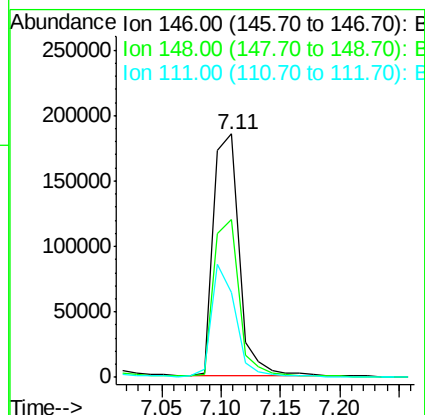
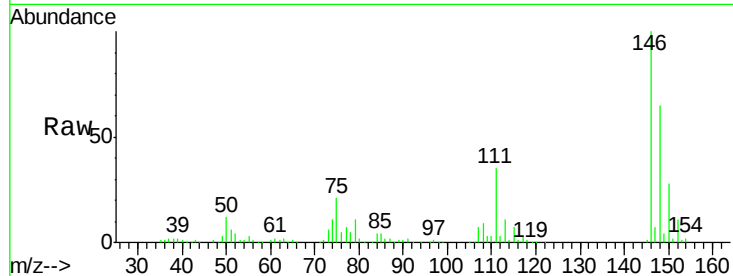




#13
 1,4-Dichlorobenzene
 Concen: 36.68 ng
 RT: 7.11 min Scan# 435
 Delta R.T. 0.16 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

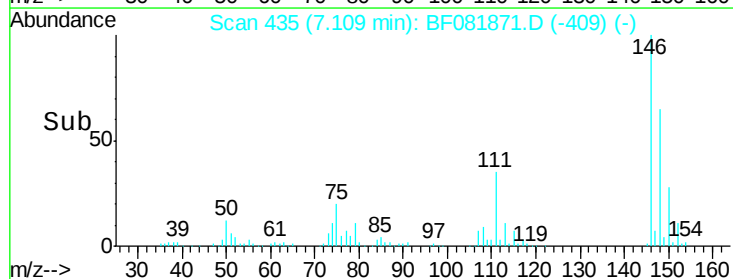
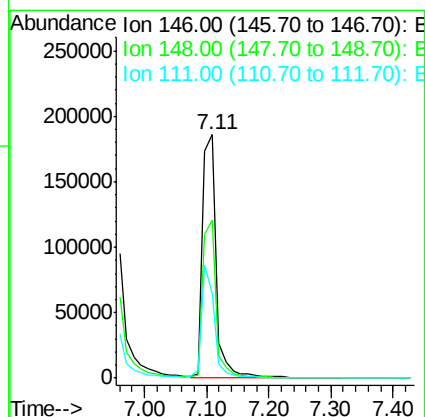
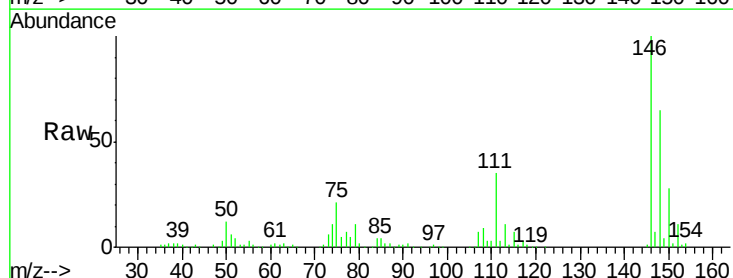
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

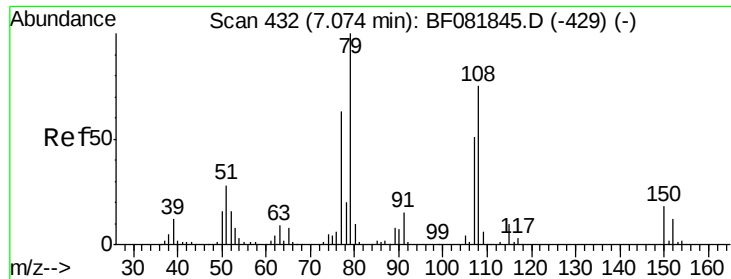
Tgt Ion:146 Resp: 278081
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 35.0 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 42.87 ng
 RT: 7.11 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:146 Resp: 289640
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 35.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 33.65 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

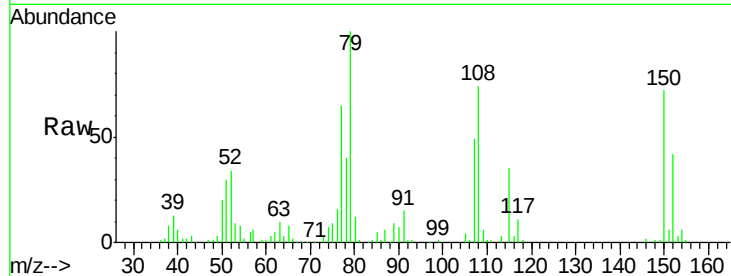
Tgt Ion: 79 Resp: 170122

Ion Ratio Lower Upper

79 100

108 73.6 88.6 132.8#

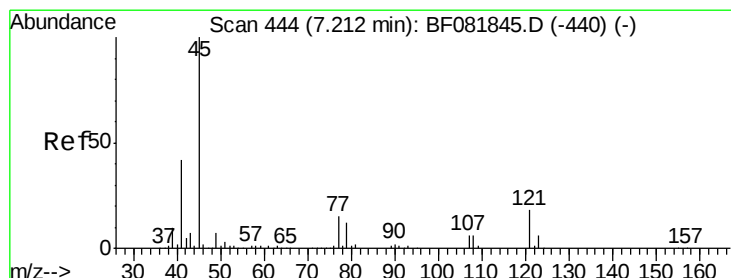
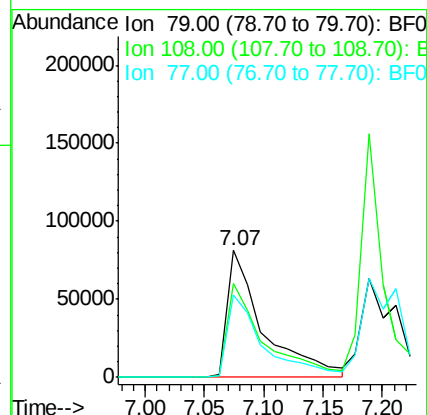
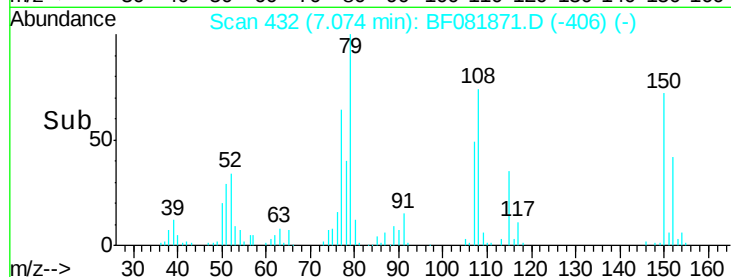
77 64.8 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.97 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

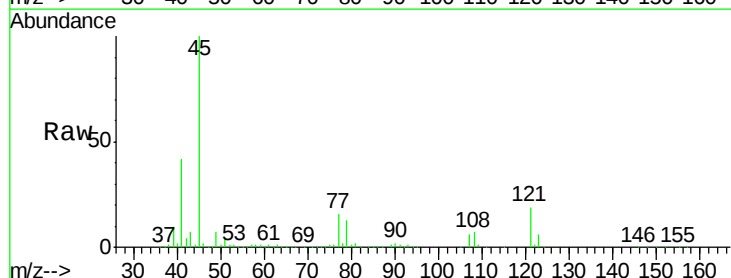
Tgt Ion: 45 Resp: 439033

Ion Ratio Lower Upper

45 100

77 15.8 0.0 28.1

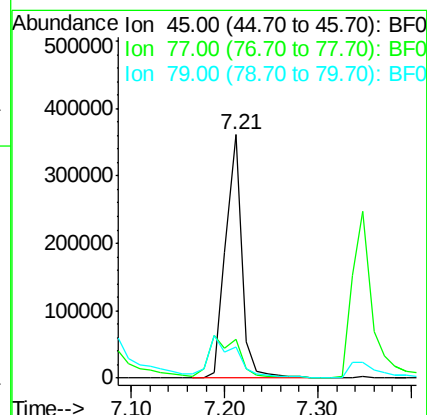
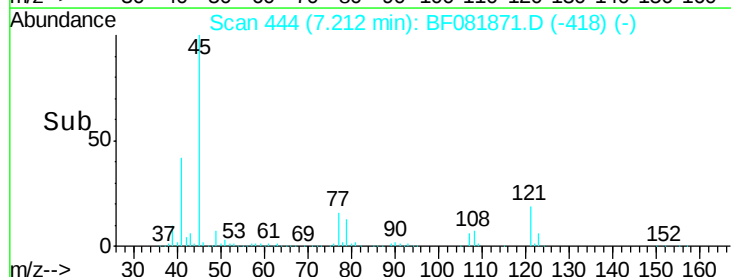
79 12.9 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

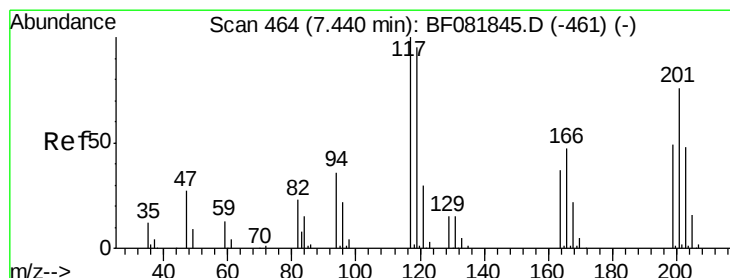
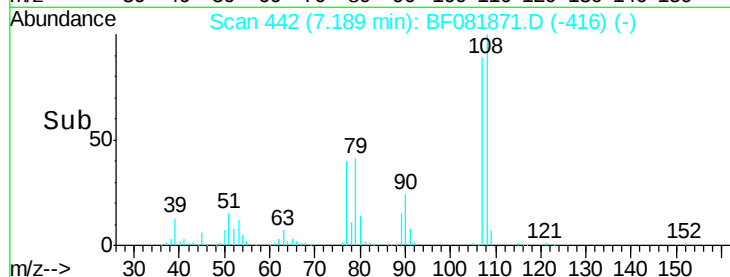
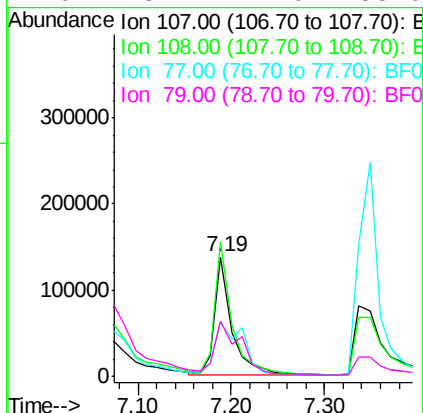
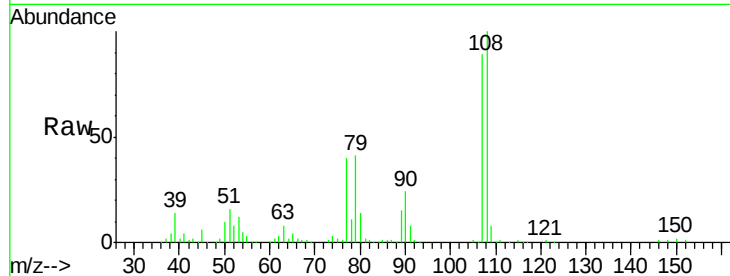




#17
2-Methylphenol
Concen: 35.32 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

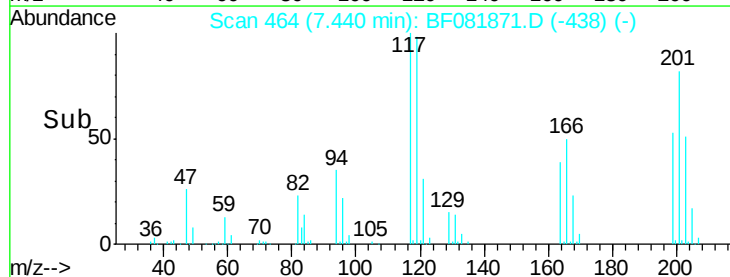
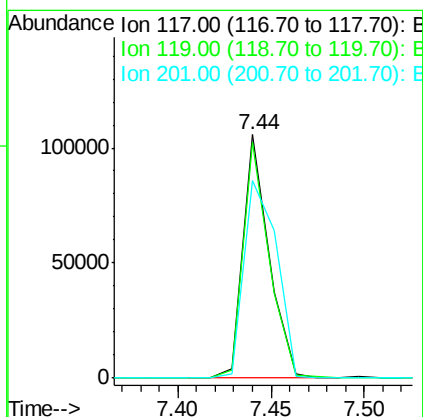
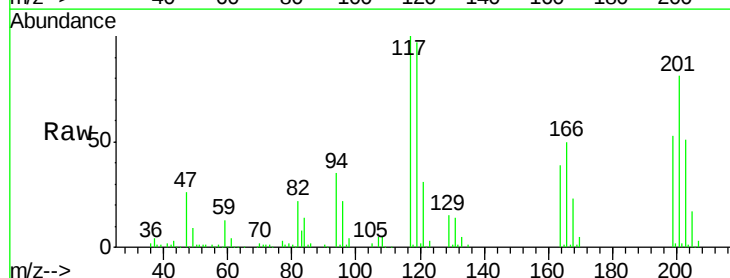
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

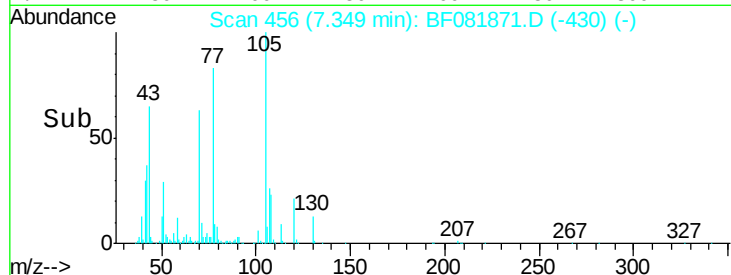
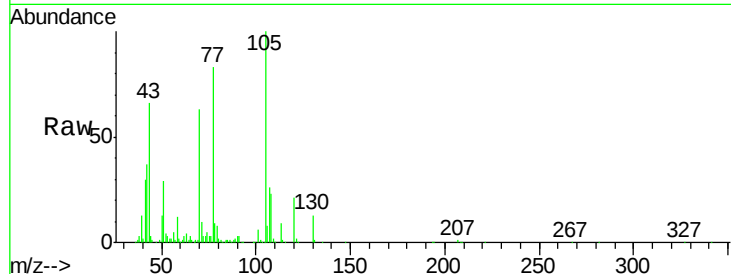
Tgt Ion:107 Resp: 176014
Ion Ratio Lower Upper
107 100
108 112.9 96.6 145.0
77 45.7 23.3 34.9#
79 45.7 22.0 33.0#



#18
Hexachloroethane
Concen: 43.21 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion:117 Resp: 102553
Ion Ratio Lower Upper
117 100
119 97.1 83.8 125.6
201 81.3 55.1 82.7

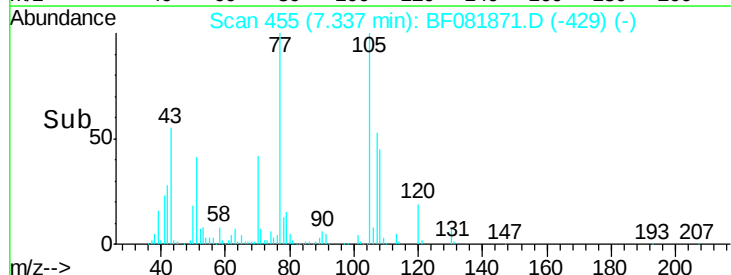
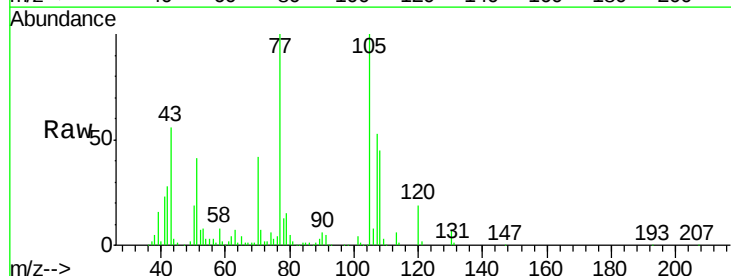
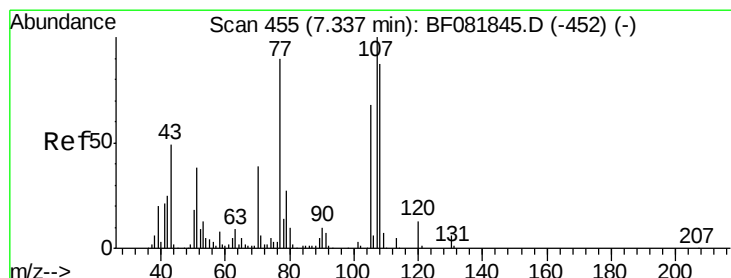
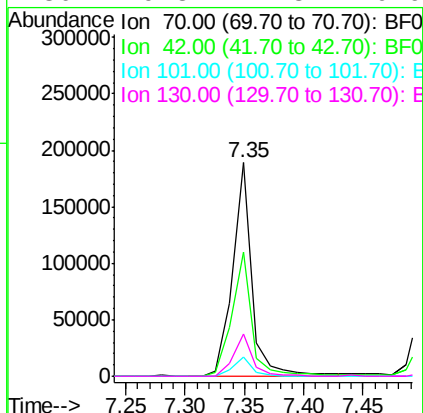




#19
n-Nitroso-di-n-propylamine
Concen: 50.18 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

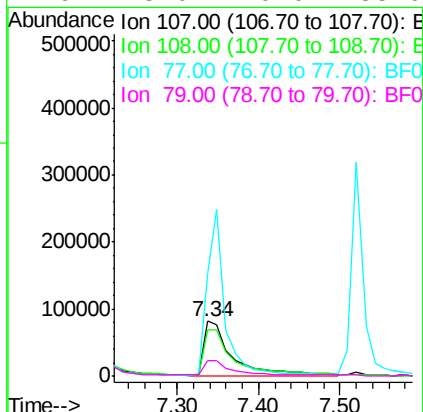
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

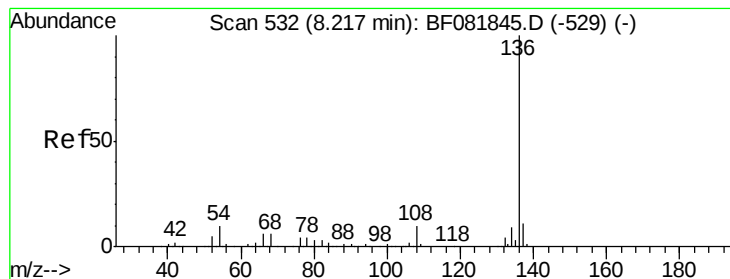
Tgt Ion:	70	Resp:	213626
Ion	Ratio	Lower	Upper
70	100		
42	58.2	63.8	95.6#
101	9.3	9.2	13.8
130	19.8	27.3	40.9#



#20
3+4-Methylphenols
Concen: 31.56 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion:	107	Resp:	198637
Ion	Ratio	Lower	Upper
107	100		
108	83.7	74.6	114.6
77	188.1	0.7	40.7#
79	28.0	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

Tgt Ion:136 Resp: 388358

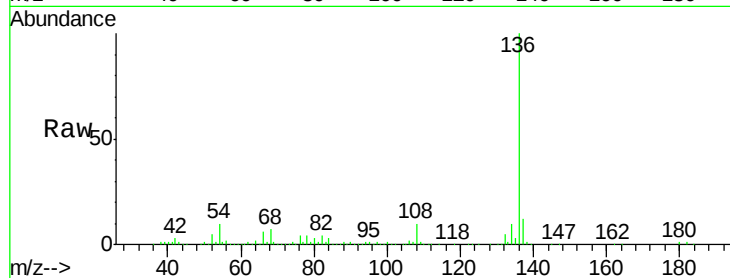
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.6 8.2 12.2

68 6.6 5.8 8.6

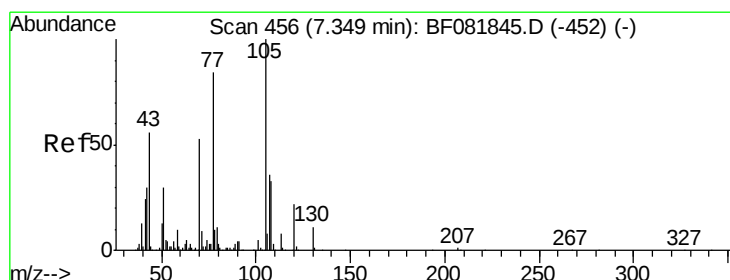
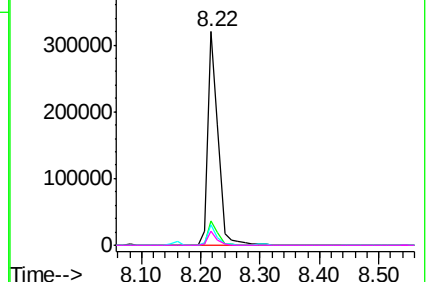
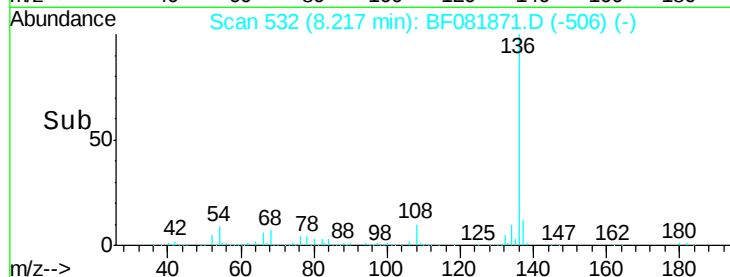


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.50 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Tgt Ion:105 Resp: 416900

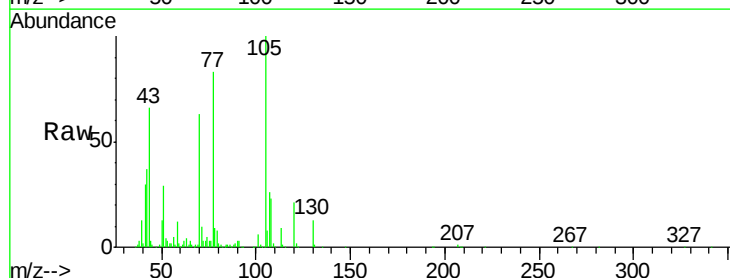
Ion Ratio Lower Upper

105 100

71 10.4 4.7 7.1#

51 28.8 22.0 33.0

120 21.4 30.1 45.1#

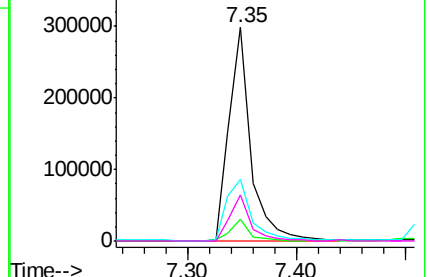
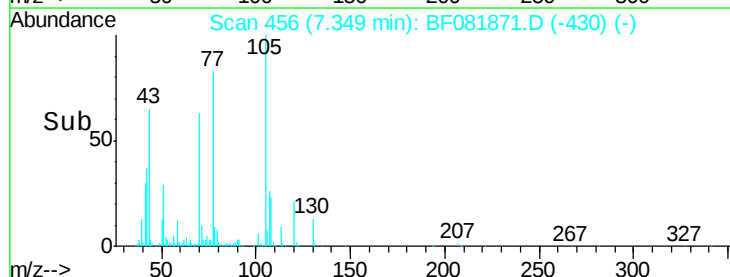


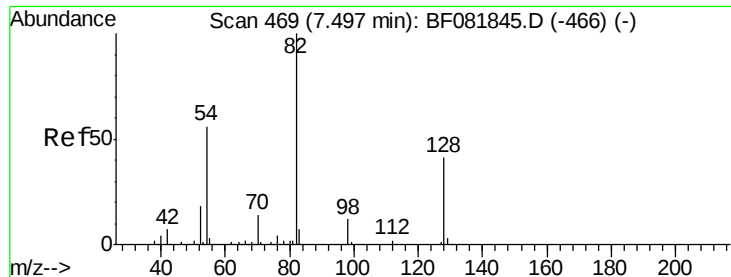
Abundance Ion 105.00 (104.70 to 105.70): E

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

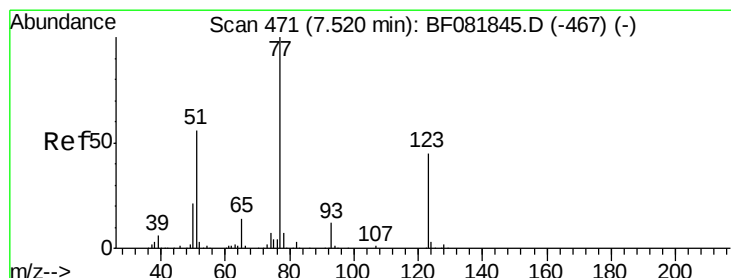
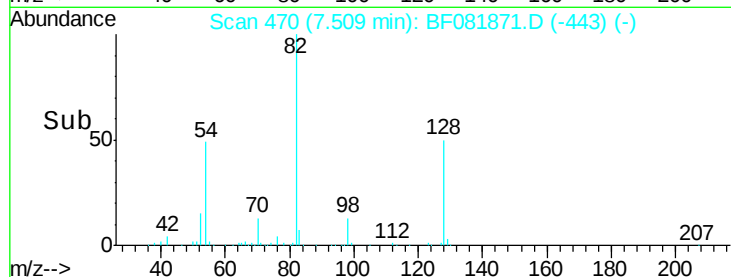
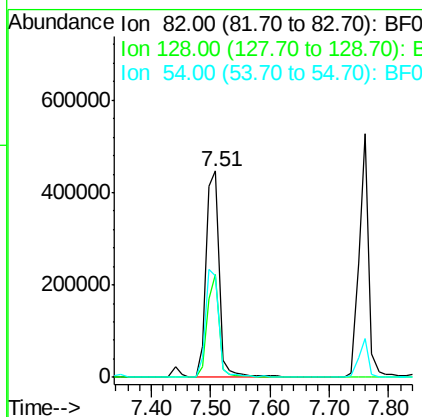
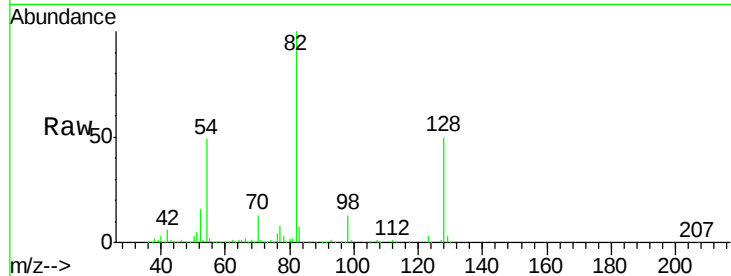




#23
 Nitrobenzene-d5
 Concen: 119.76 ng
 RT: 7.51 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

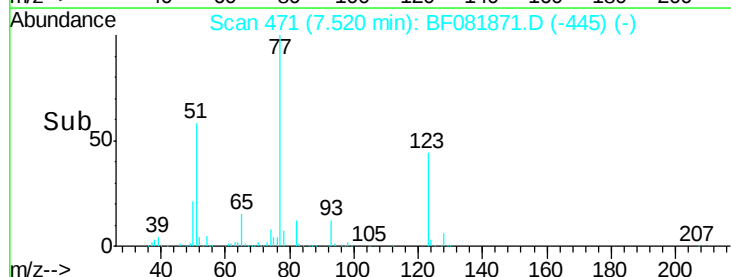
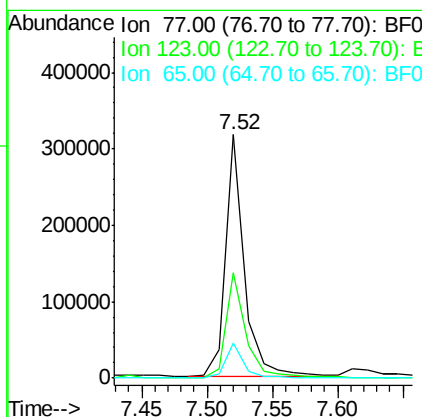
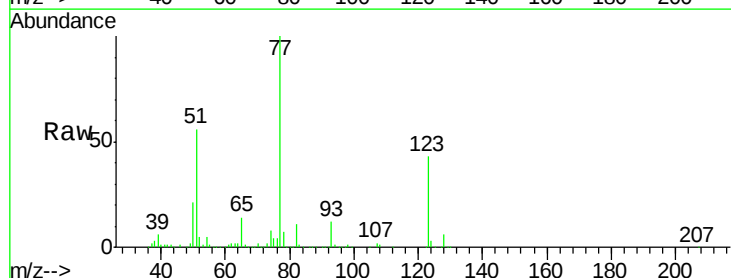
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

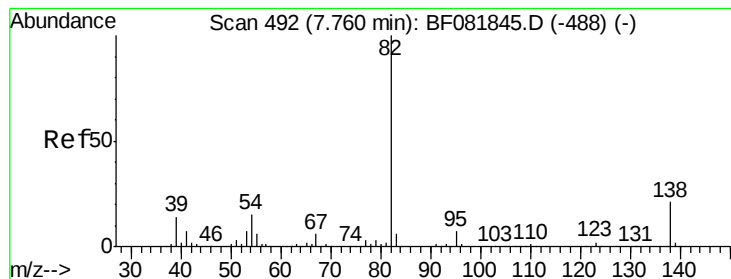
Tgt Ion: 82 Resp: 697726
 Ion Ratio Lower Upper
 82 100
 128 49.8 51.0 76.6#
 54 49.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 50.56 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion: 77 Resp: 319835
 Ion Ratio Lower Upper
 77 100
 123 43.3 59.8 89.8#
 65 14.2 10.2 15.4





#25

Isophorone

Concen: 52.21 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

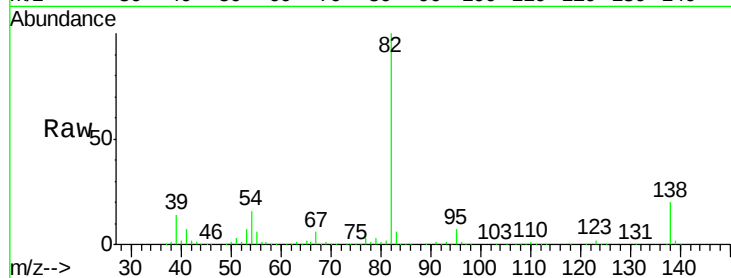
Tgt Ion: 82 Resp: 602837

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

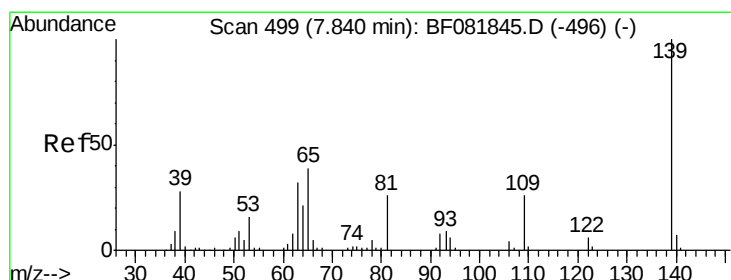
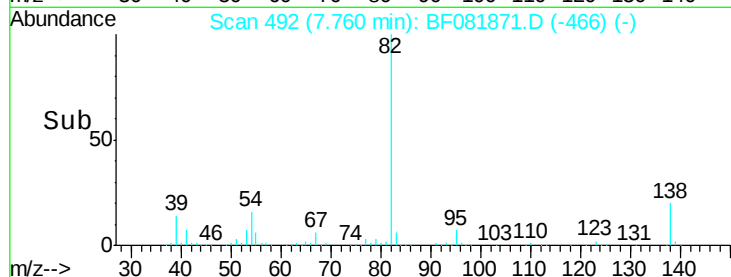
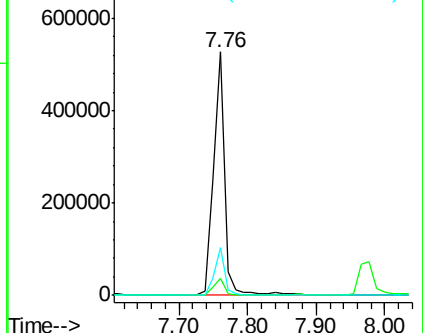
138 19.6 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.00 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

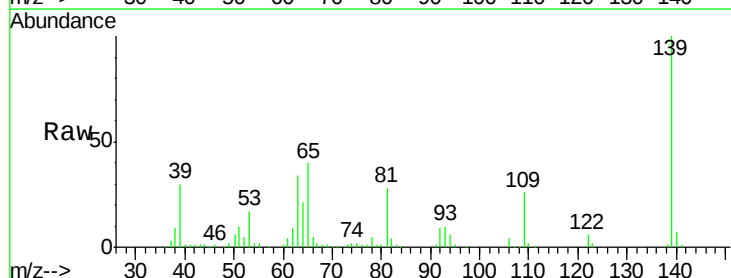
Tgt Ion: 139 Resp: 167019

Ion Ratio Lower Upper

139 100

109 26.3 11.0 16.4#

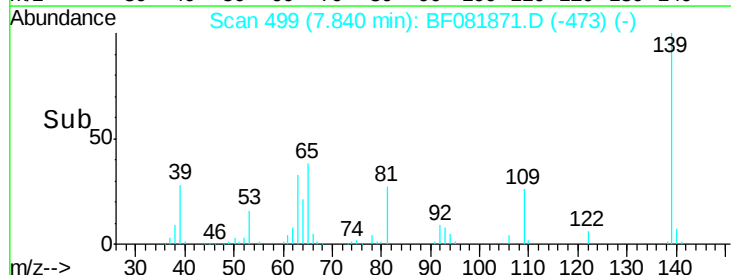
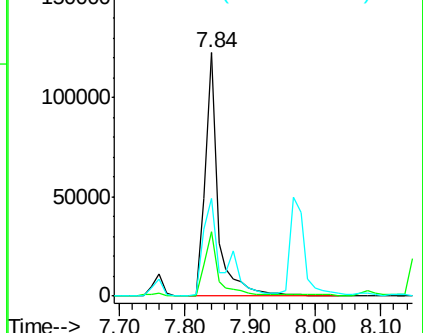
65 40.2 24.7 37.1#

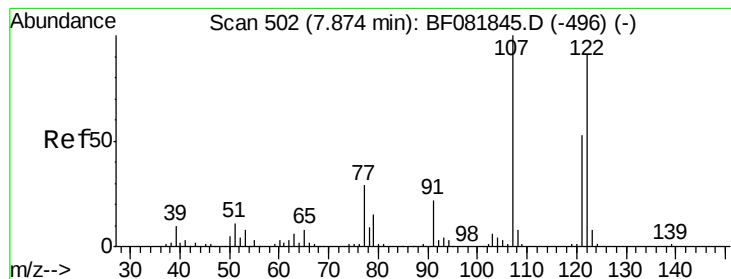


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

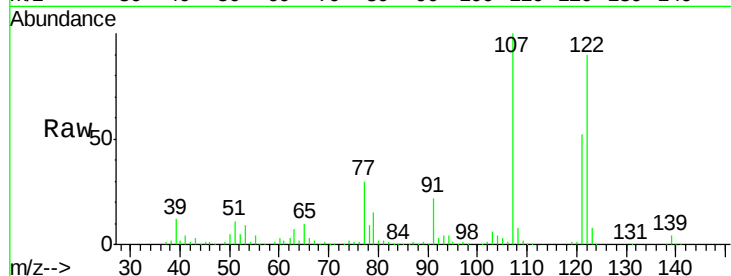




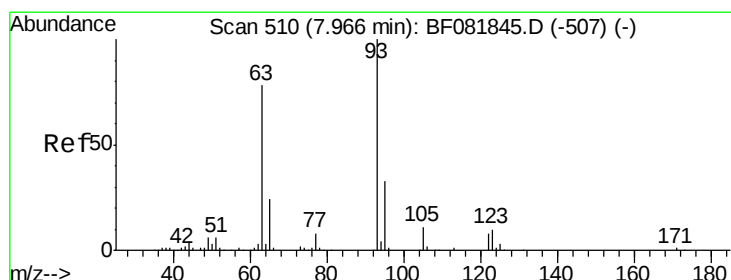
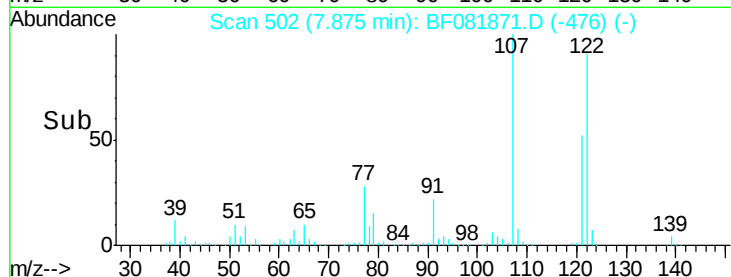
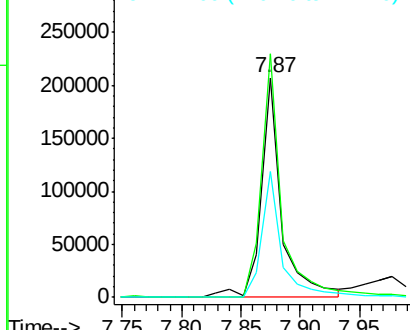
#27
 2,4-Dimethylphenol
 Concen: 46.67 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tgt Ion:122 Resp: 249293
 Ion Ratio Lower Upper
 122 100
 107 111.0 71.8 107.6#
 121 57.6 42.3 63.5

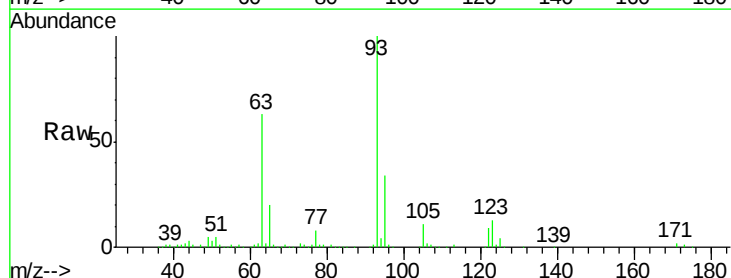


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

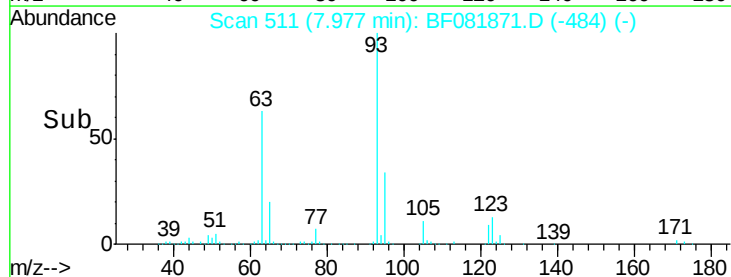
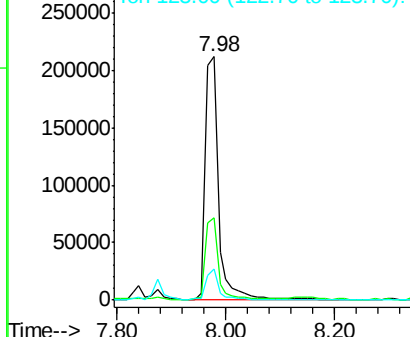


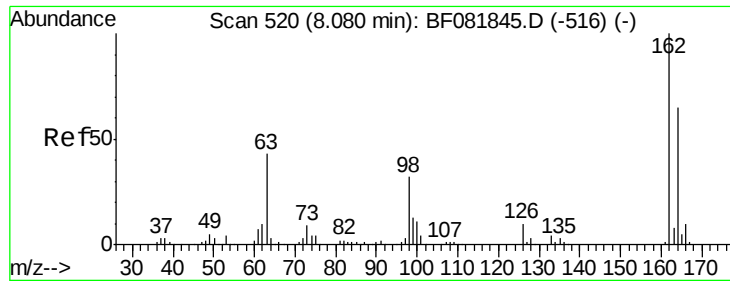
#28
 bis(2-Chloroethoxy)methane
 Concen: 51.91 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion: 93 Resp: 355959
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.5 41.3
 123 12.8 13.7 20.5#



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

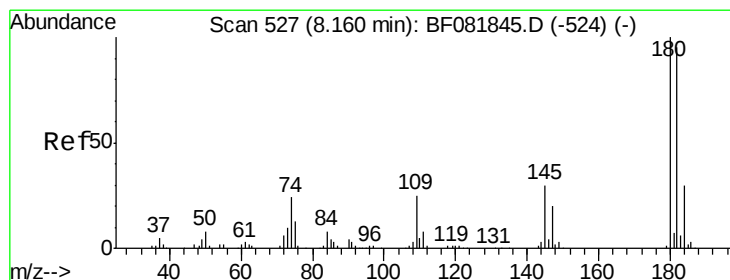
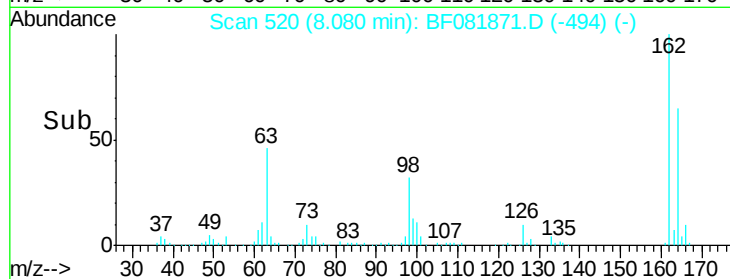
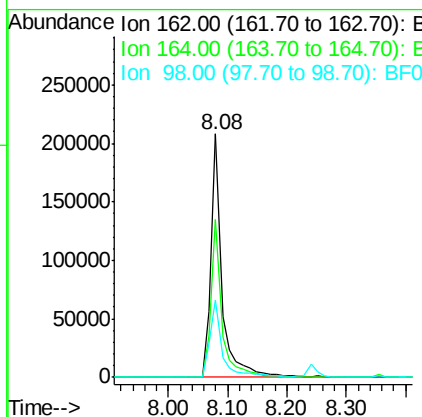
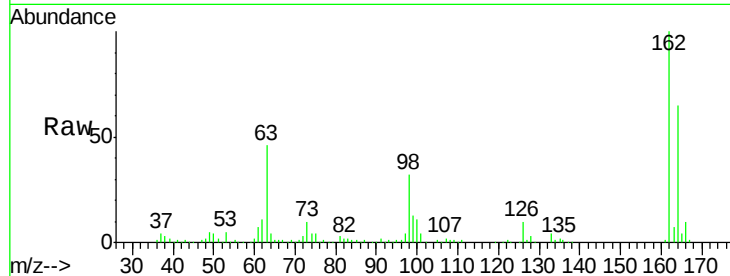




#29
2,4-Dichlorophenol
Concen: 52.10 ng
RT: 8.08 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

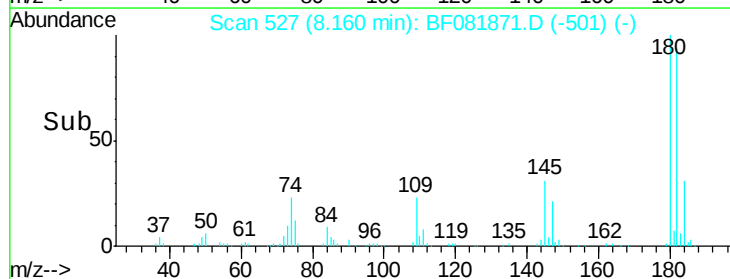
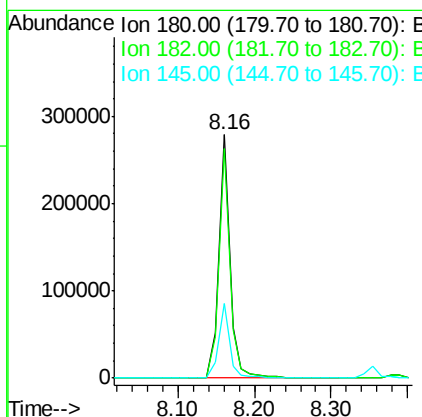
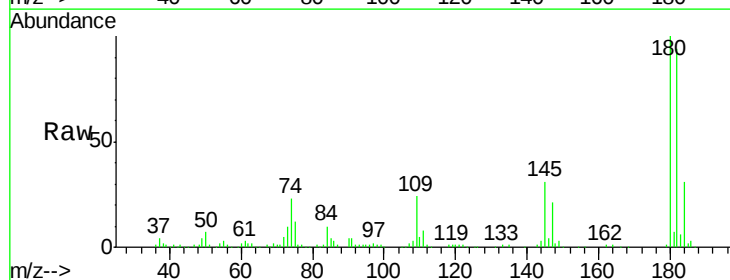
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

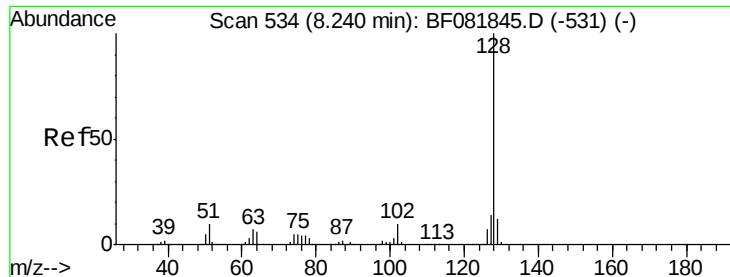
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	31.6	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 49.04 ng
RT: 8.16 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	30.9	23.3	34.9

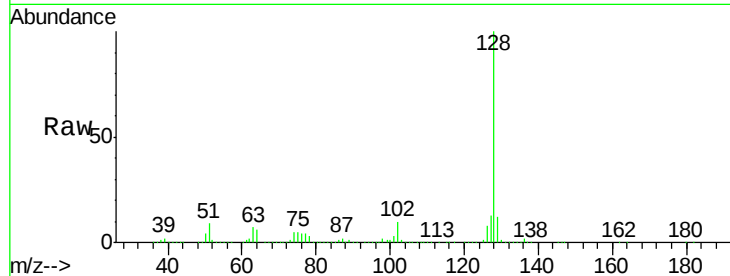




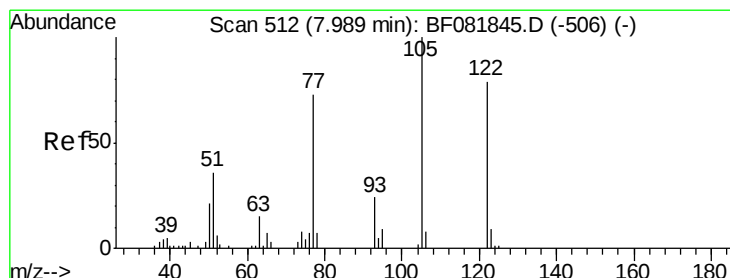
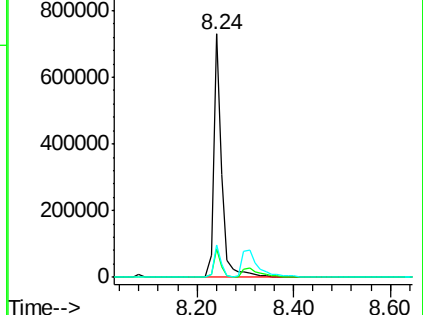
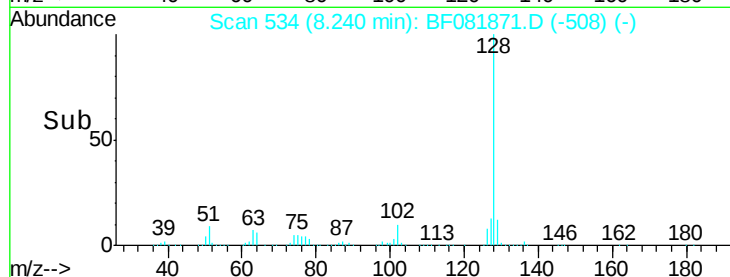
#31
Naphthalene
Concen: 50.15 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tgt Ion:128 Resp: 862964
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.5 9.9 14.9

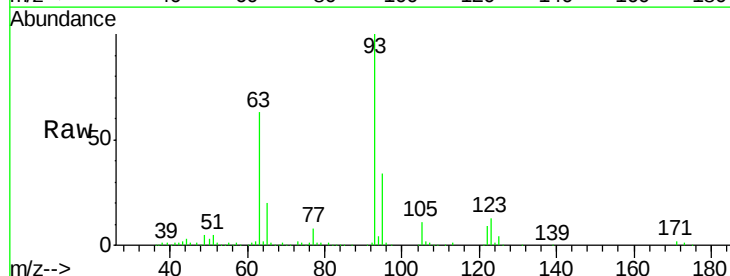


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

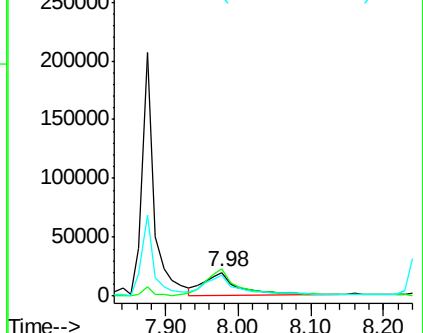
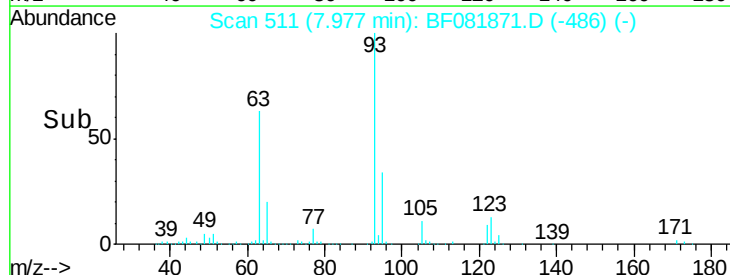


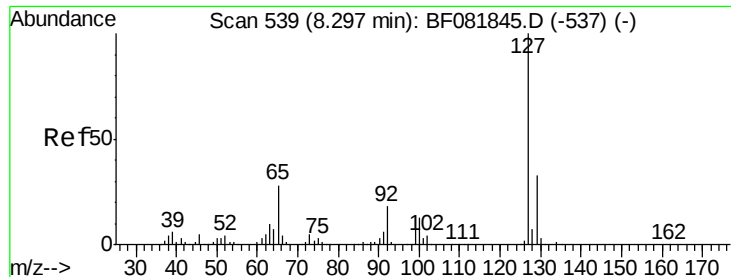
#32
Benzoic acid
Concen: 23.96 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion:122 Resp: 62685
Ion Ratio Lower Upper
122 100
105 115.9 76.1 116.1
77 89.5 40.5 80.5#



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

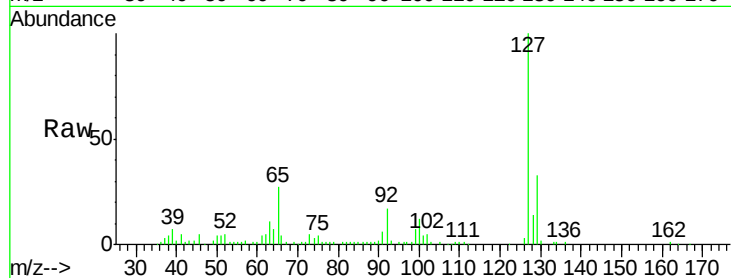




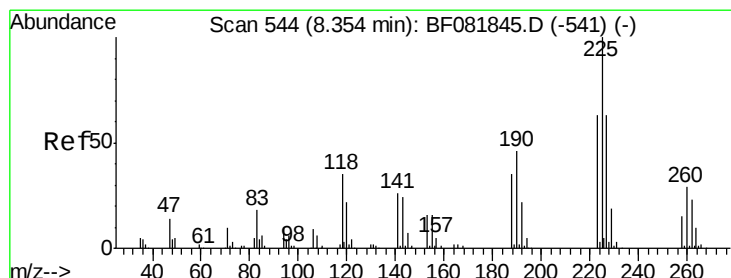
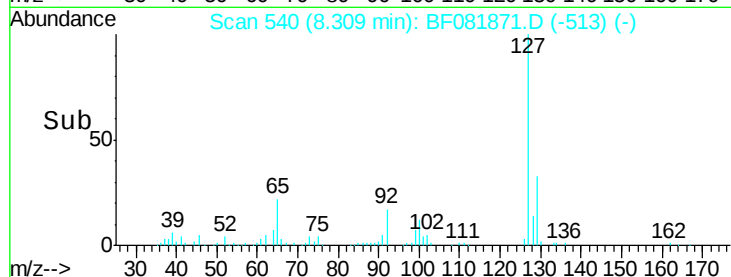
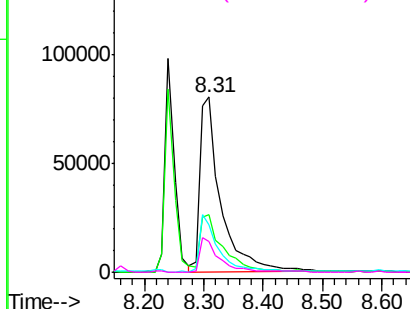
#33
4-Chloroaniline
Concen: 26.80 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tgt Ion:	127	Resp:	199426
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	27.3	17.9	26.9#
92	17.5	10.5	15.7#

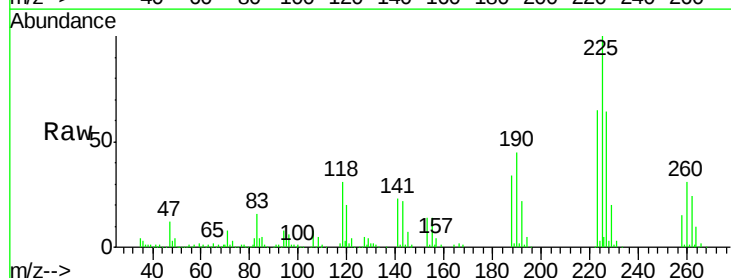


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

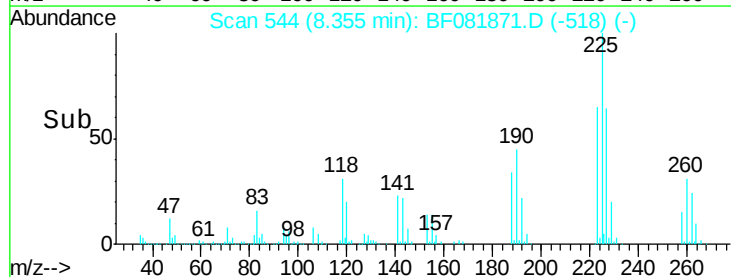
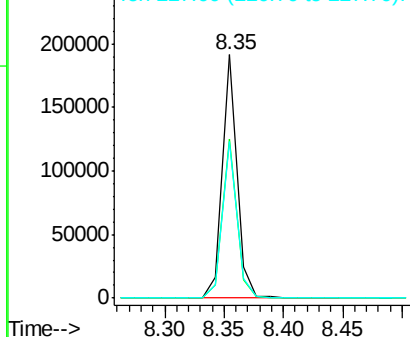


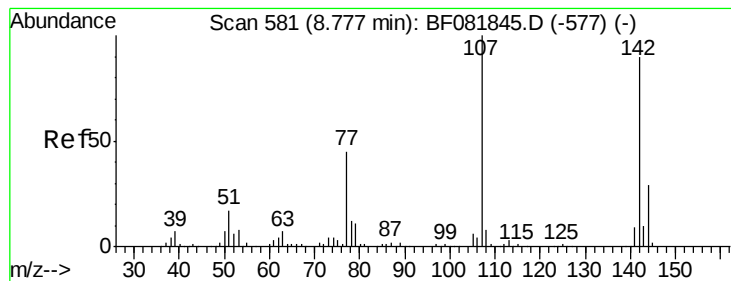
#34
Hexachlorobutadiene
Concen: 47.32 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion:	225	Resp:	161845
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.2	75.2
227	64.4	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

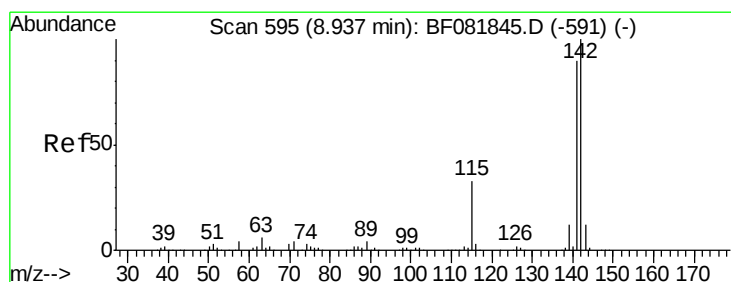
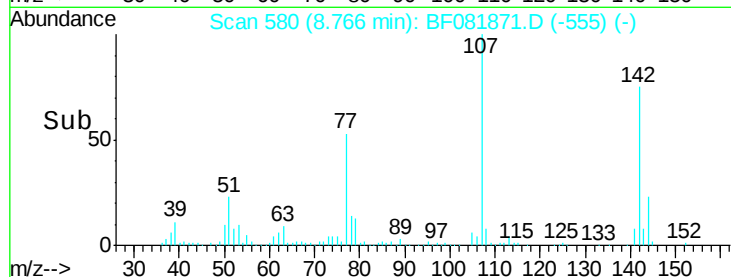
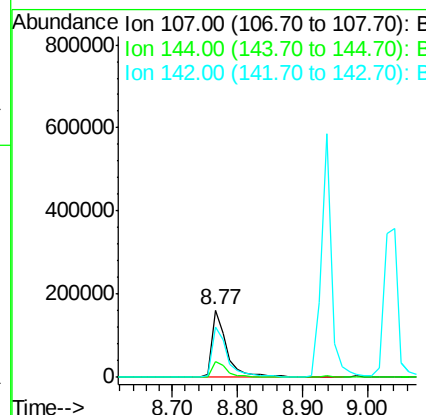
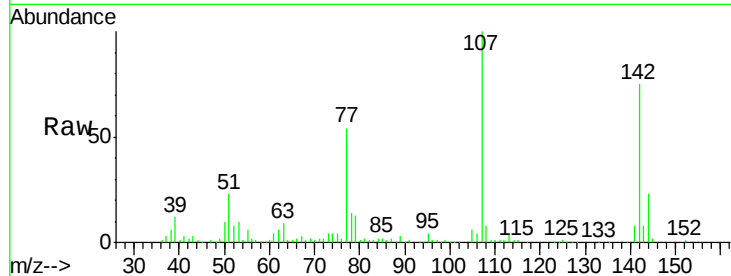




#36
 4-Chloro-3-methylphenol
 Concen: 50.89 ng
 RT: 8.77 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

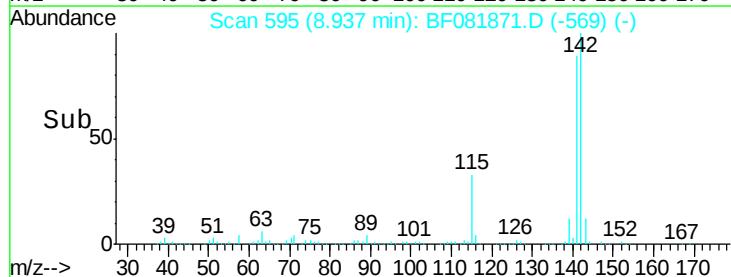
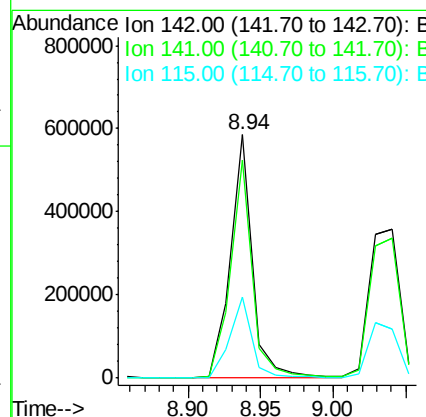
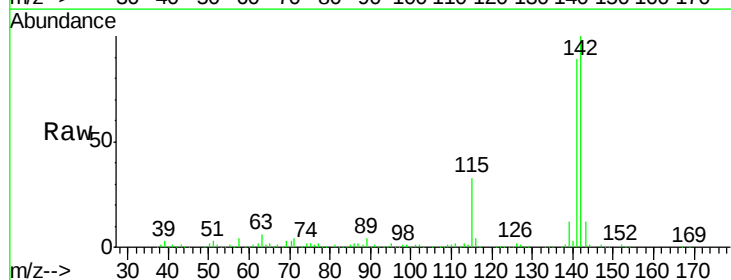
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

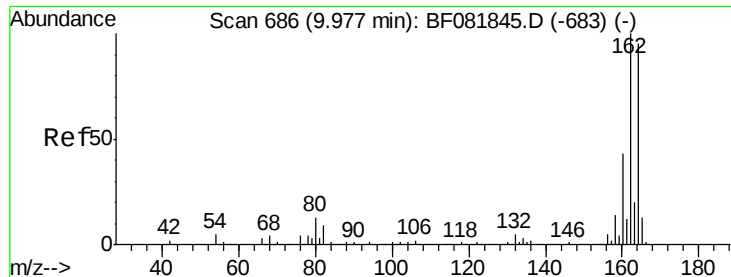
Tgt Ion:107 Resp: 257771
 Ion Ratio Lower Upper
 107 100
 144 22.8 25.4 38.0#
 142 74.7 77.3 115.9#



#37
 2-Methylnaphthalene
 Concen: 52.53 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:142 Resp: 617000
 Ion Ratio Lower Upper
 142 100
 141 89.3 67.5 101.3
 115 33.4 18.2 27.2#

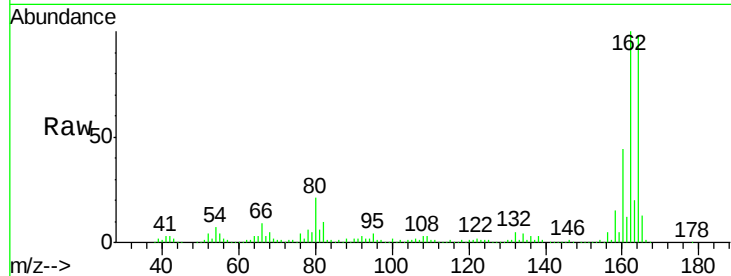




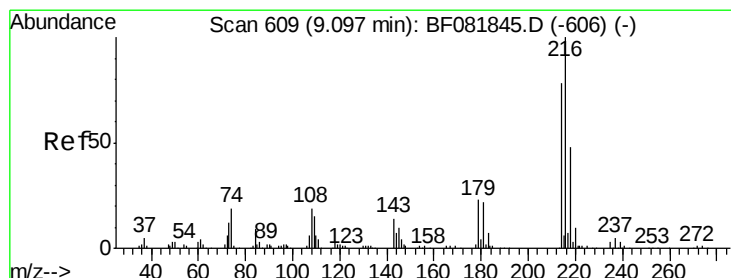
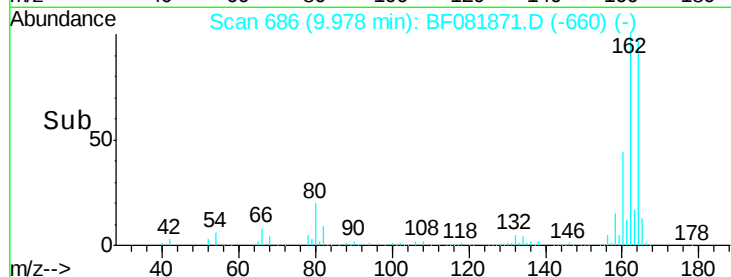
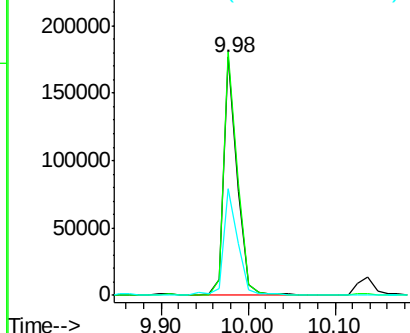
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tgt Ion:164 Resp: 192484
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 44.8 31.5 47.3

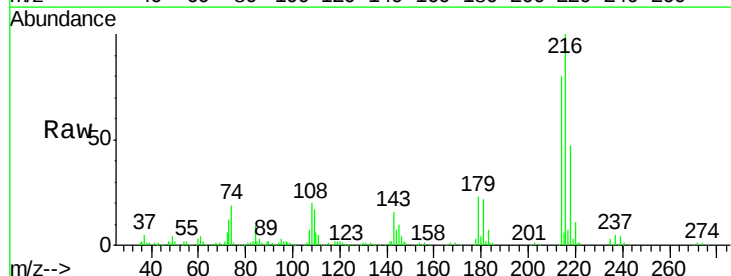


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

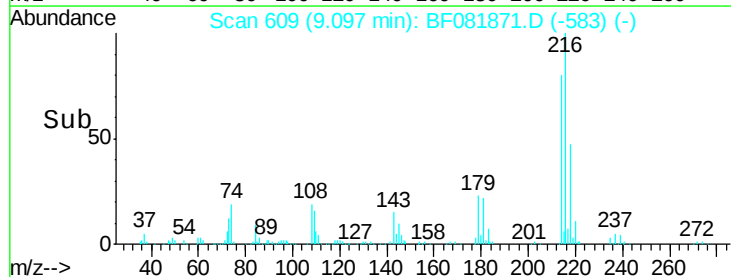
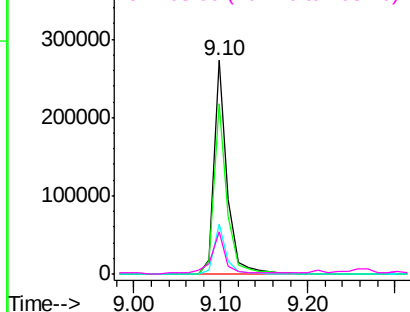


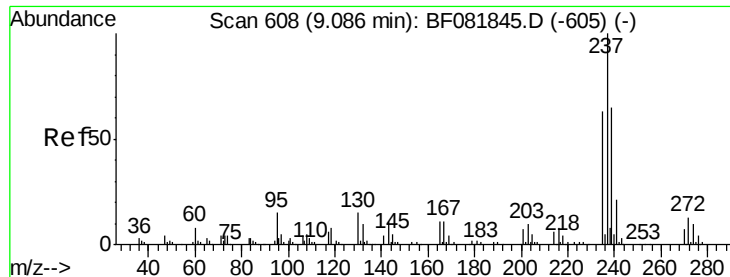
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.96 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:216 Resp: 289301
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.5 95.3
 179 21.9 16.6 24.8
 108 20.4 16.3 24.5



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

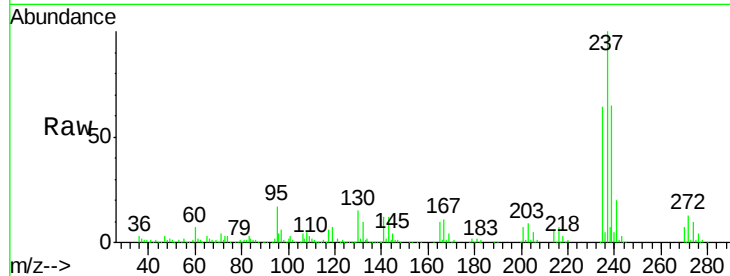




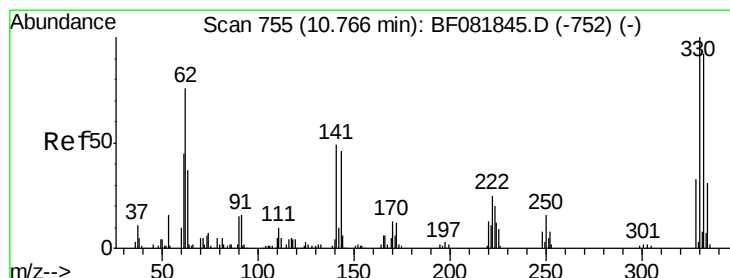
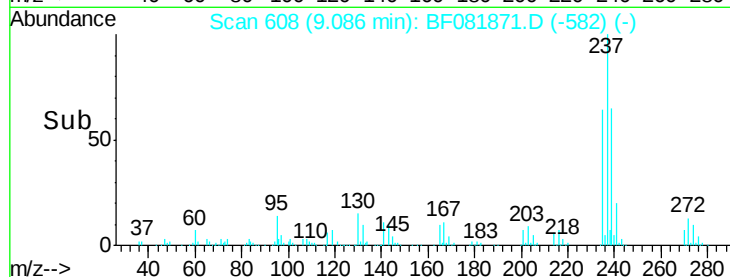
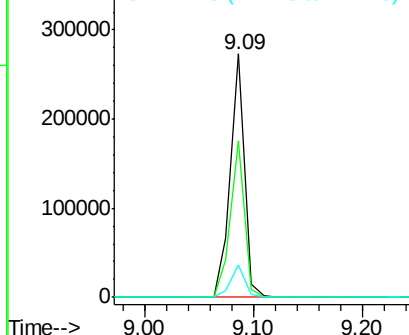
#40
Hexachlorocyclopentadiene
Concen: 80.88 ng
RT: 9.09 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tgt Ion: 237 Resp: 246137
Ion Ratio Lower Upper
237 100
235 64.1 42.0 82.0
272 13.1 0.0 36.1

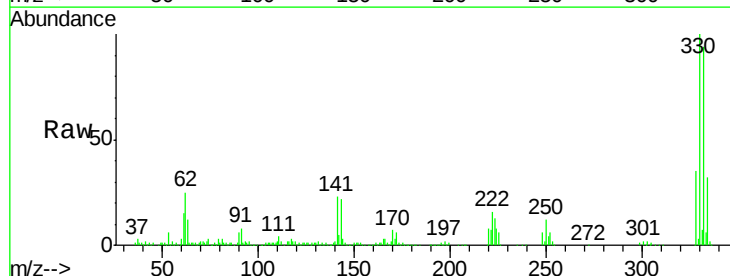


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

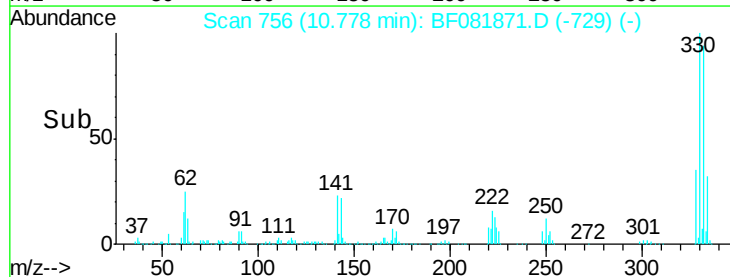
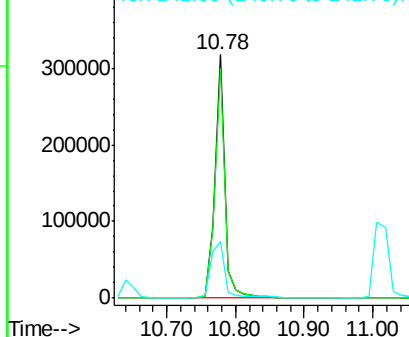


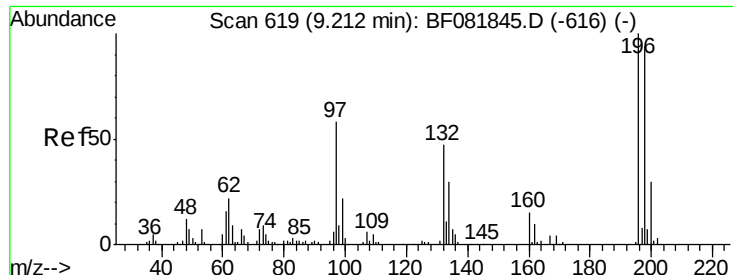
#41
2,4,6-Tribromophenol
Concen: 167.87 ng
RT: 10.78 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion: 330 Resp: 327255
Ion Ratio Lower Upper
330 100
332 95.6 76.6 114.8
141 31.5 29.7 44.5



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: 47.87 ng

RT: 9.21 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

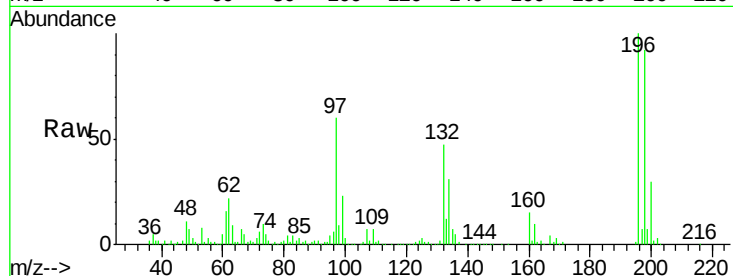
Tgt Ion:196 Resp: 193911

Ion Ratio Lower Upper

196 100

198 92.5 75.7 113.5

200 29.6 23.9 35.9

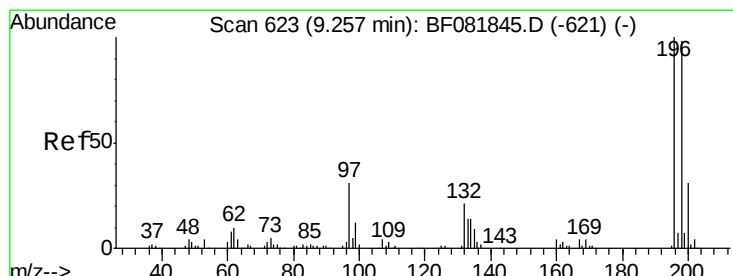
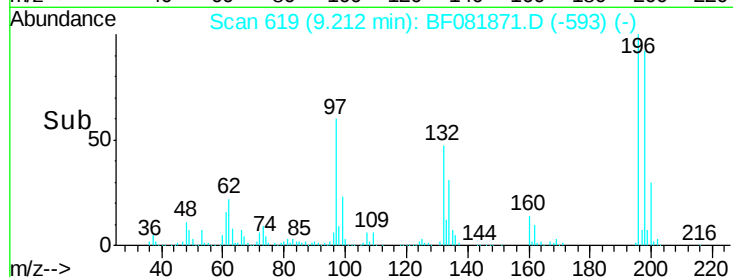
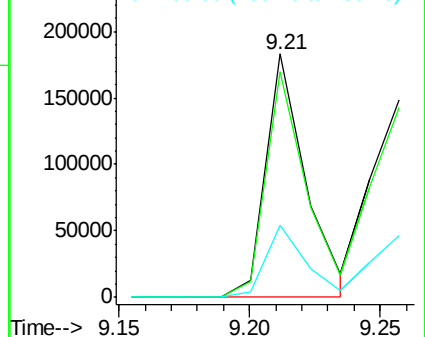


Abundance

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: 51.88 ng

RT: 9.26 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Tgt Ion:196 Resp: 216127

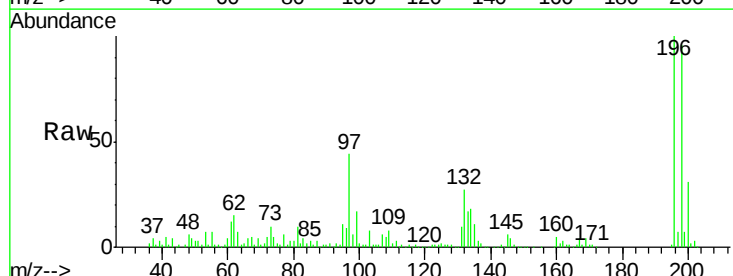
Ion Ratio Lower Upper

196 100

198 96.4 75.4 113.0

97 44.4 33.3 49.9

132 26.9 24.6 37.0



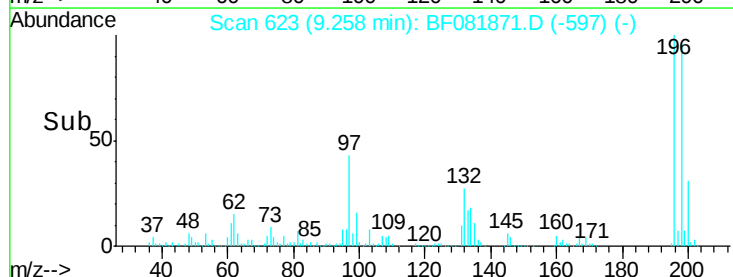
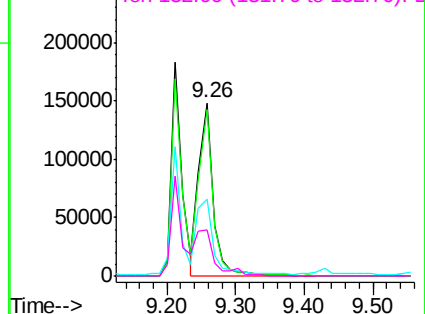
Abundance

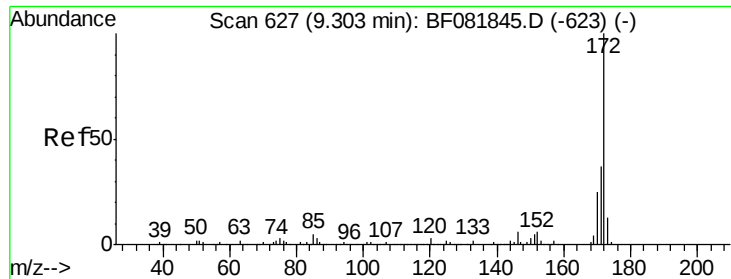
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 119.82 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

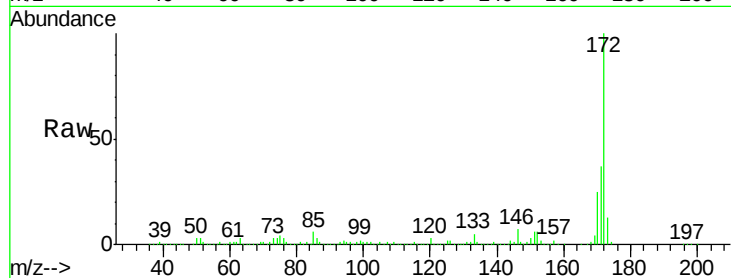
Tgt Ion:172 Resp: 1270685

Ion Ratio Lower Upper

172 100

171 37.4 26.1 39.1

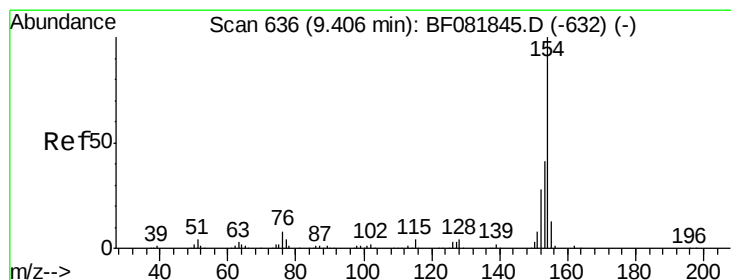
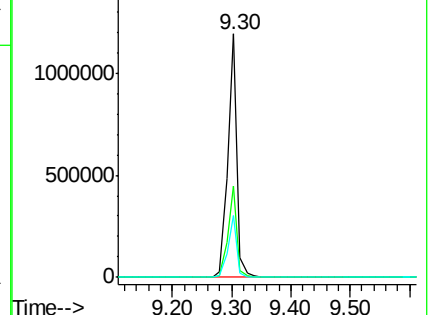
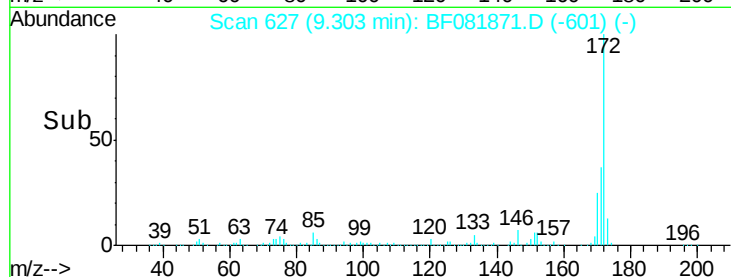
170 25.3 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 50.27 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

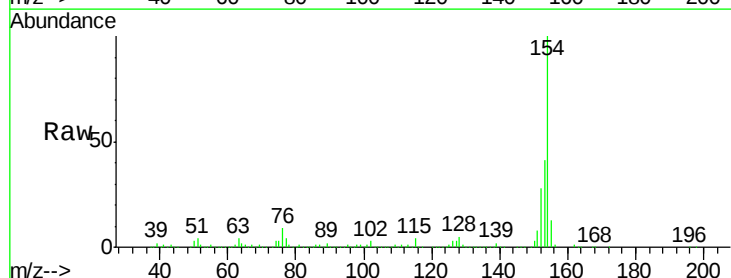
Tgt Ion:154 Resp: 746565

Ion Ratio Lower Upper

154 100

153 40.8 17.1 57.1

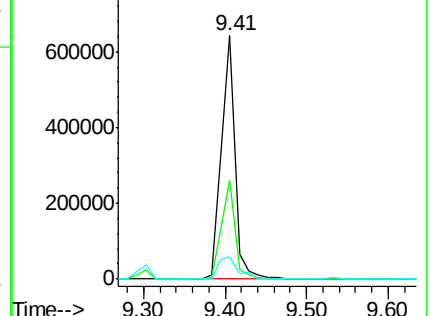
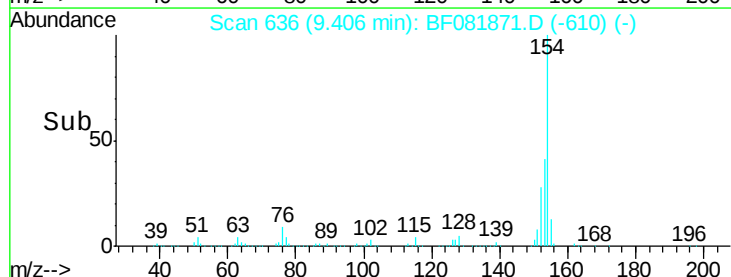
76 9.1 0.0 31.6

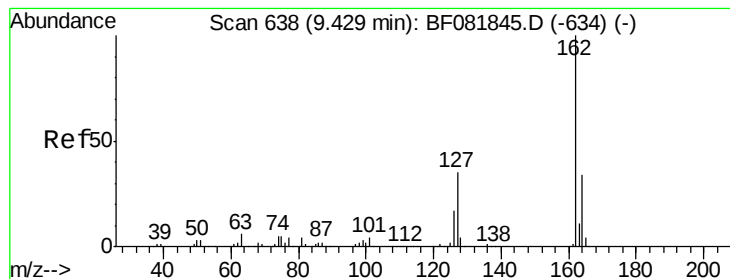


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 50.47 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

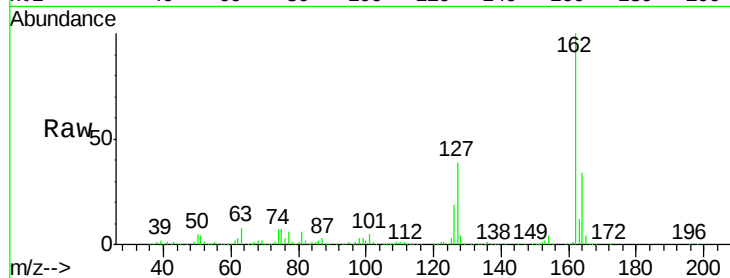
Tgt Ion: 162 Resp: 588441

Ion Ratio Lower Upper

162 100

127 39.3 27.6 41.4

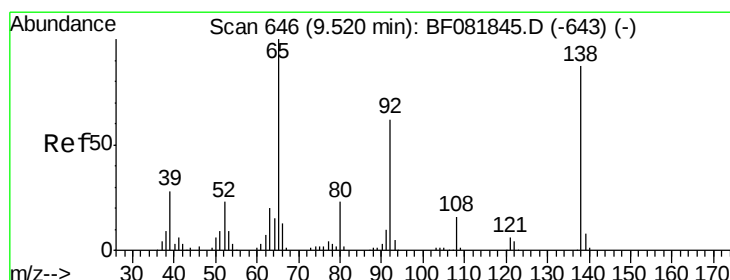
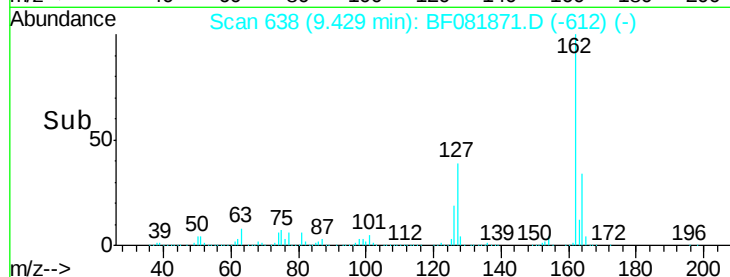
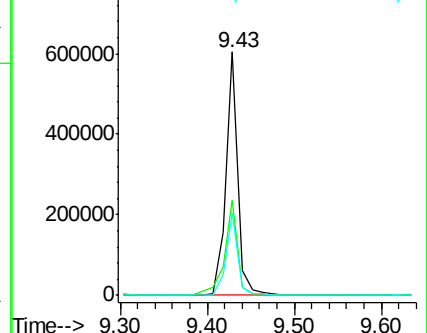
164 33.8 25.4 38.2



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: 52.96 ng

RT: 9.53 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

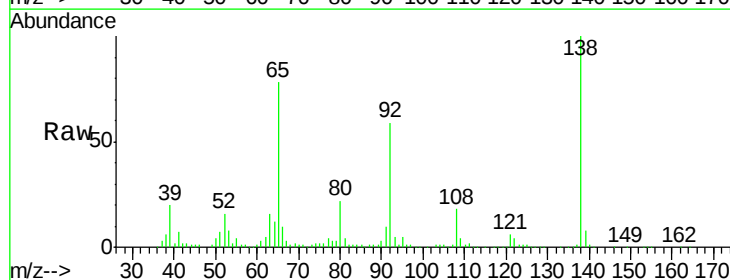
Tgt Ion: 65 Resp: 181292

Ion Ratio Lower Upper

65 100

92 75.1 55.4 83.0

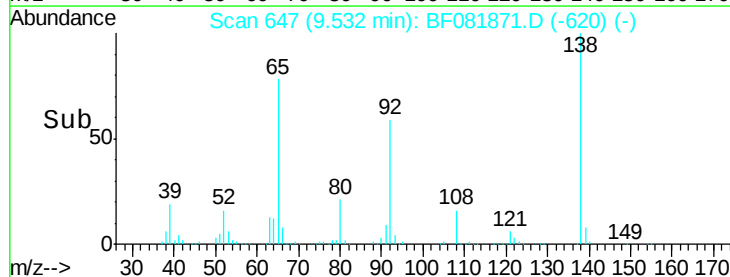
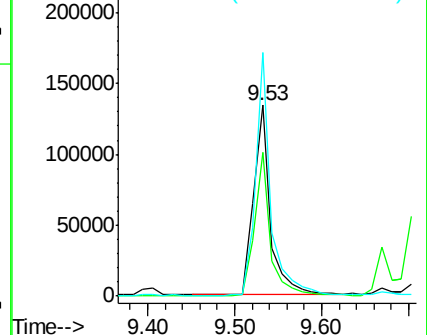
138 127.6 115.5 173.3

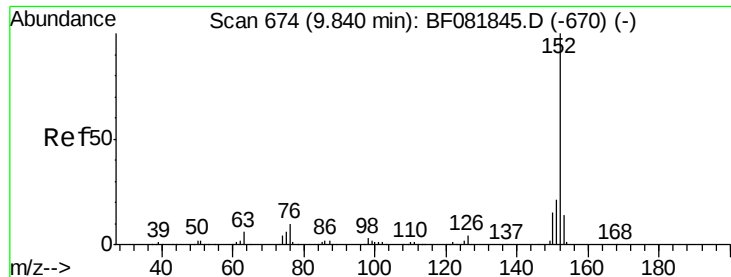


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 45.41 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

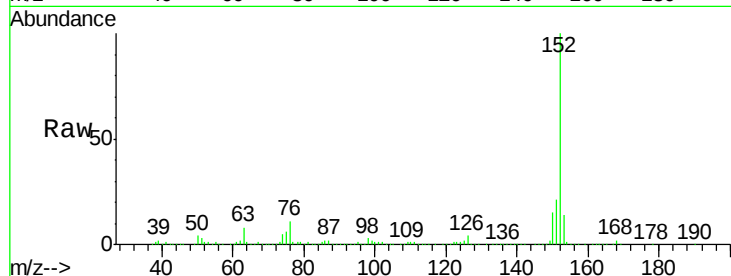
Tgt Ion:152 Resp: 847510

Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

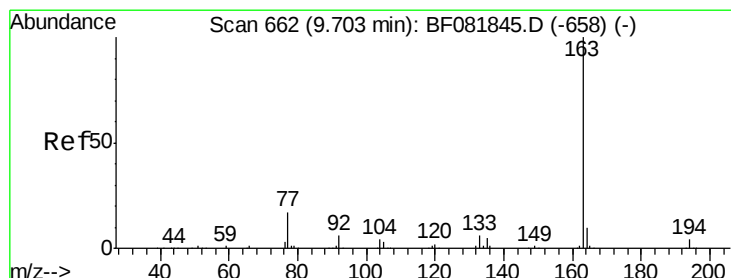
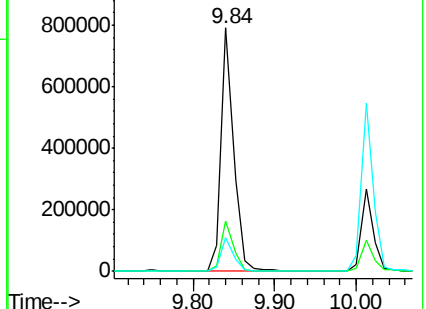
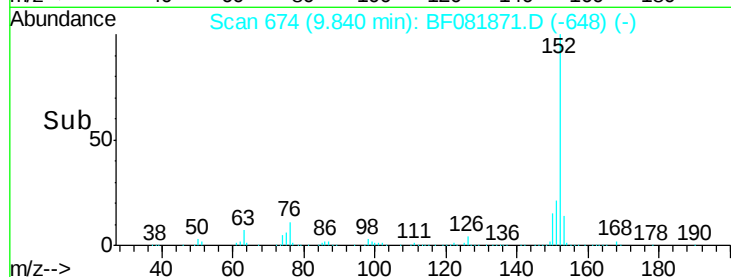
153 14.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.08 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

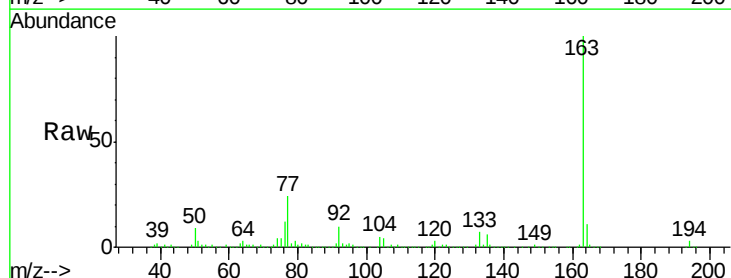
Tgt Ion:163 Resp: 638812

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

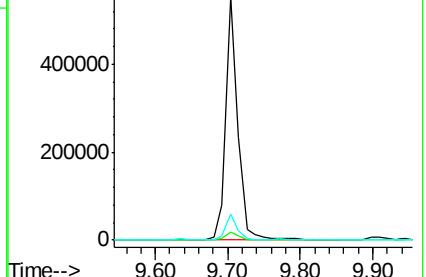
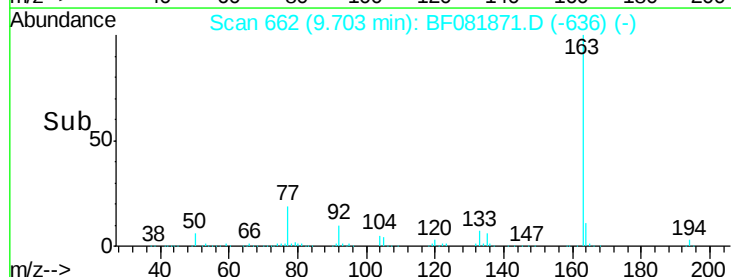
164 10.9 8.3 12.5

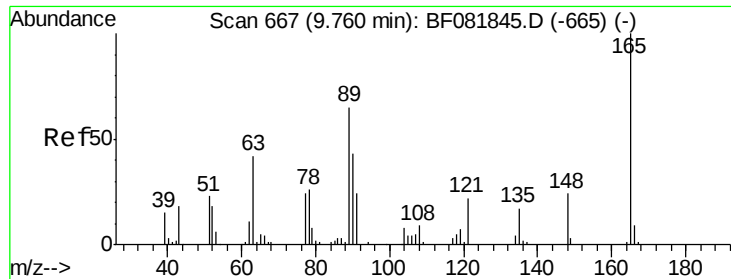


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

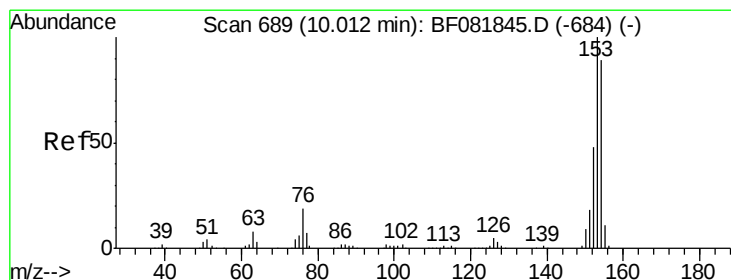
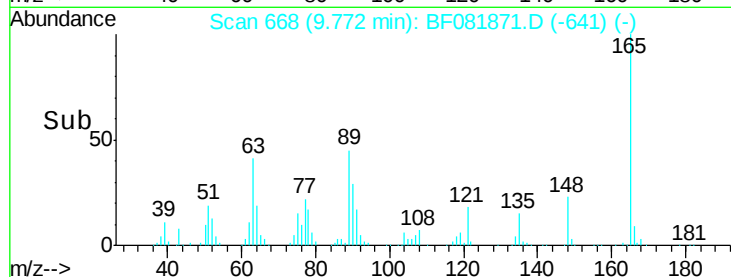
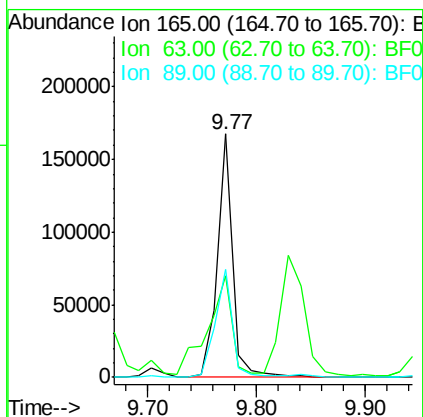
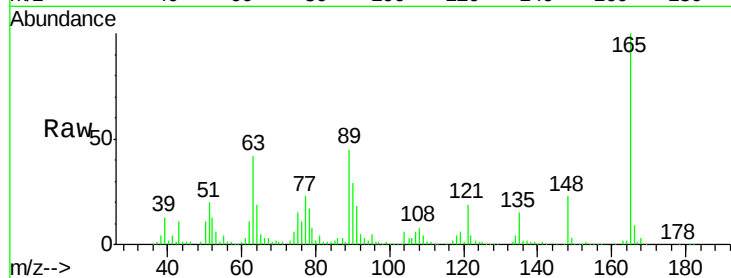




#50
 2,6-Dinitrotoluene
 Concen: 57.19 ng
 RT: 9.77 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

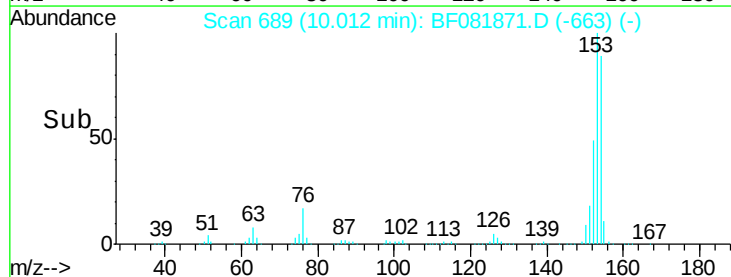
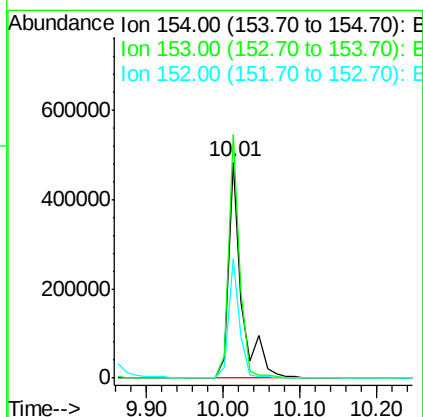
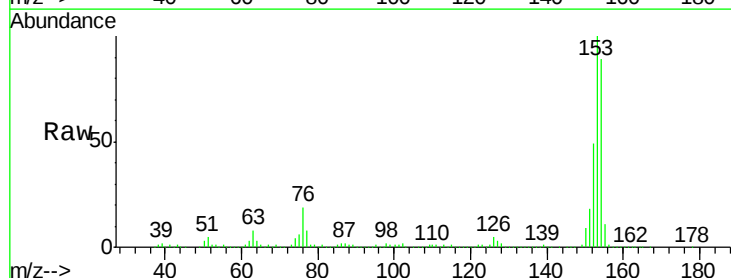
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

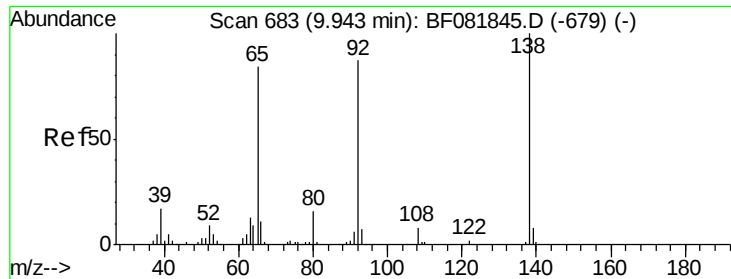
Tgt Ion:165 Resp: 164967
 Ion Ratio Lower Upper
 165 100
 63 41.8 32.3 48.5
 89 44.5 28.6 43.0#



#51
 Acenaphthene
 Concen: 53.80 ng
 RT: 10.01 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:154 Resp: 596196
 Ion Ratio Lower Upper
 154 100
 153 112.7 82.1 123.1
 152 55.0 37.9 56.9





#52

3-Nitroaniline

Concen: 28.43 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

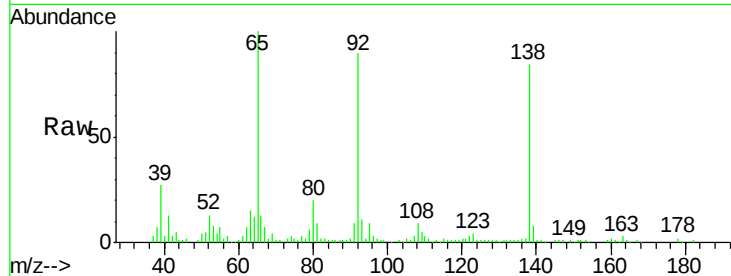
Tgt Ion:138 Resp: 94892

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

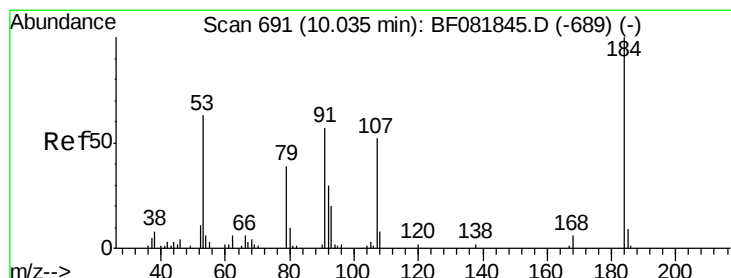
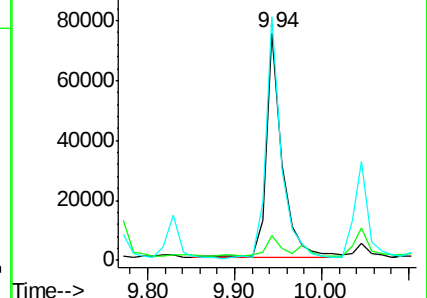
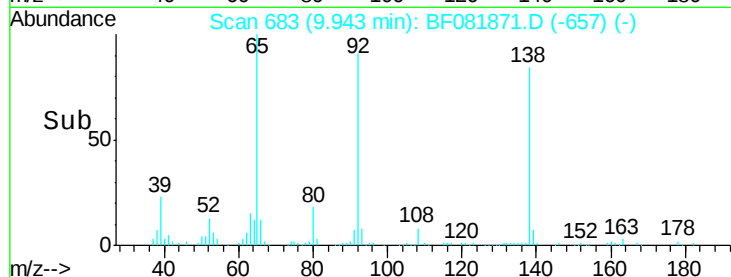
92 107.3 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 95.20 ng

RT: 10.05 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

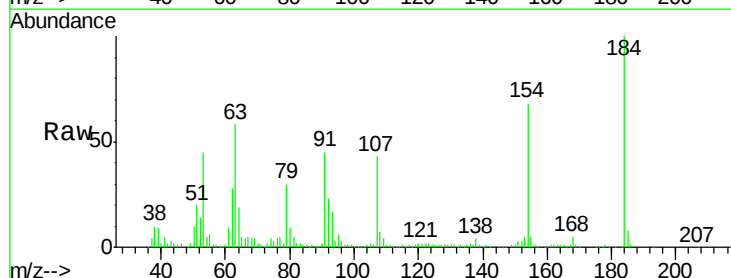
Tgt Ion:184 Resp: 151647

Ion Ratio Lower Upper

184 100

63 57.9 35.4 53.2#

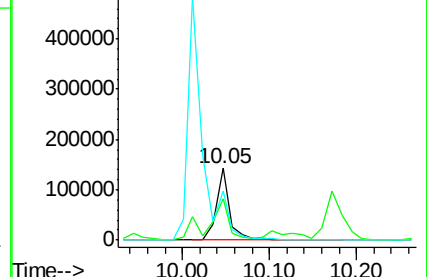
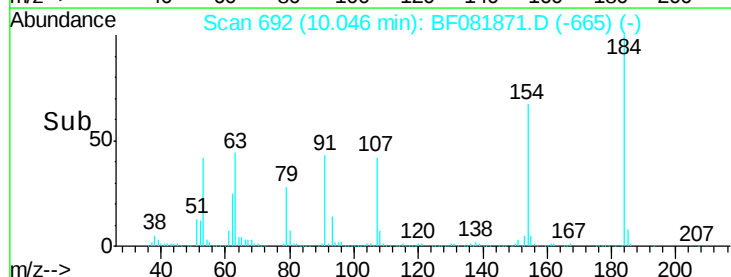
154 67.7 32.2 48.4#

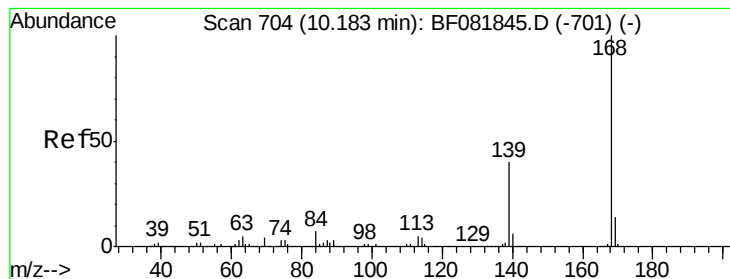


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 49.66 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

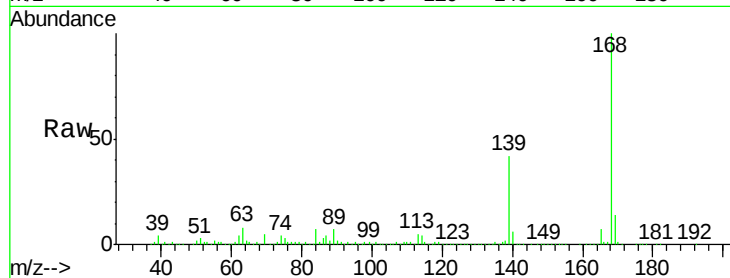
Tgt Ion:168 Resp: 777697

Ion Ratio Lower Upper

168 100

139 42.2 24.2 36.2#

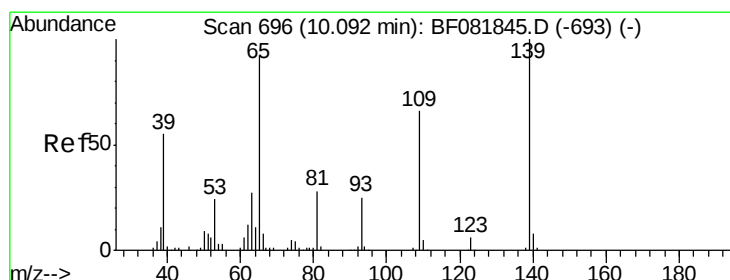
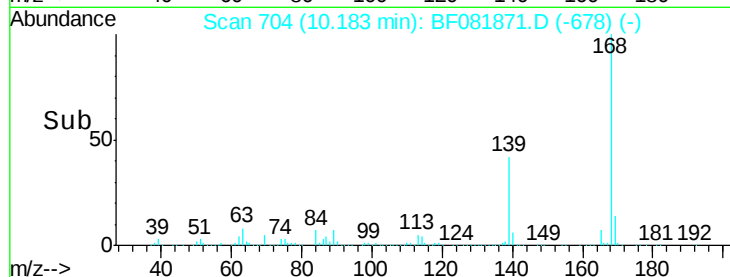
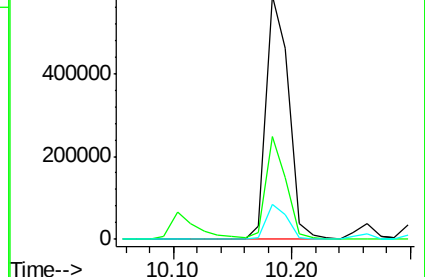
169 14.3 10.6 15.8



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: 41.33 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

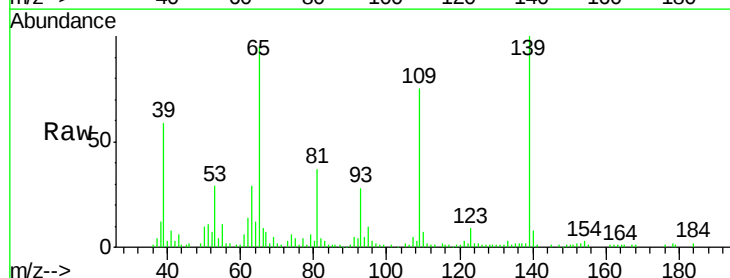
Tgt Ion:139 Resp: 99657

Ion Ratio Lower Upper

139 100

109 75.1 12.7 52.7#

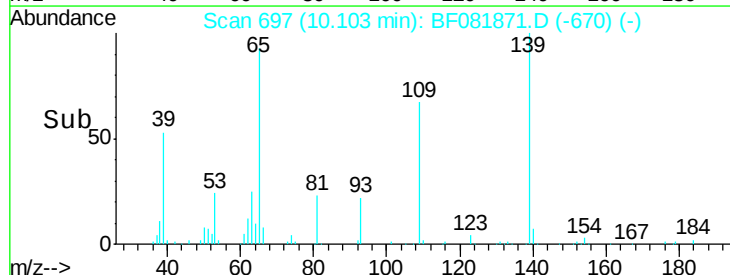
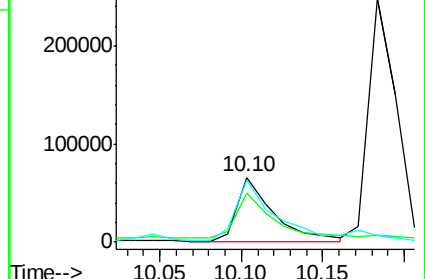
65 94.6 45.9 85.9#

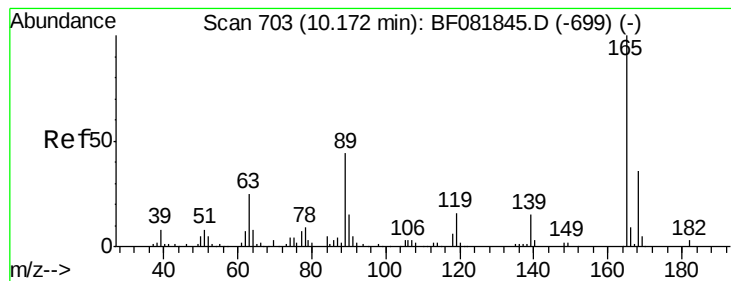


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

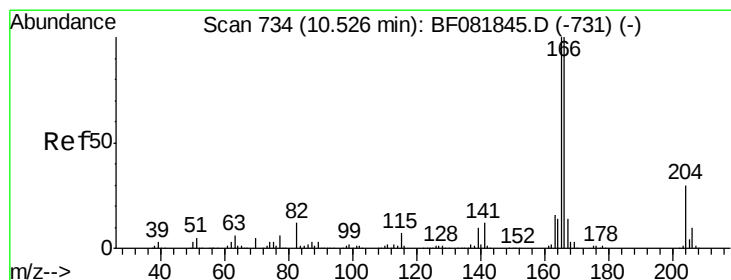
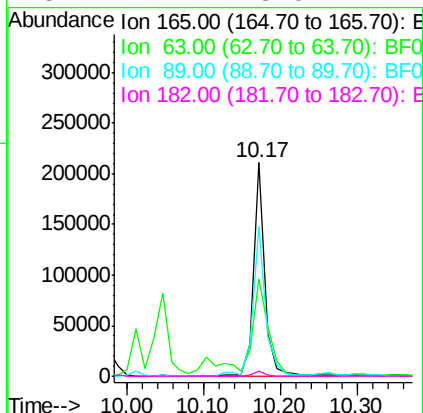
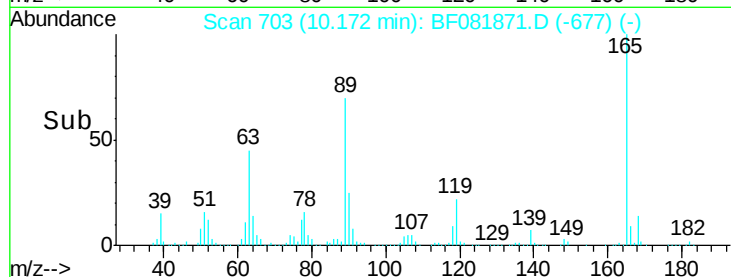
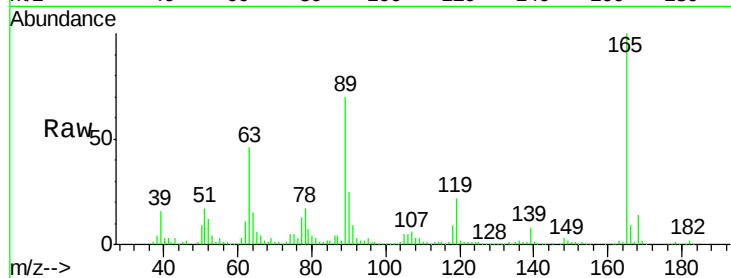




#56
2,4-Dinitrotoluene
Concen: 56.63 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

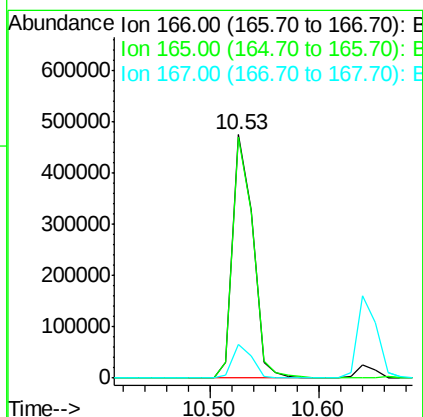
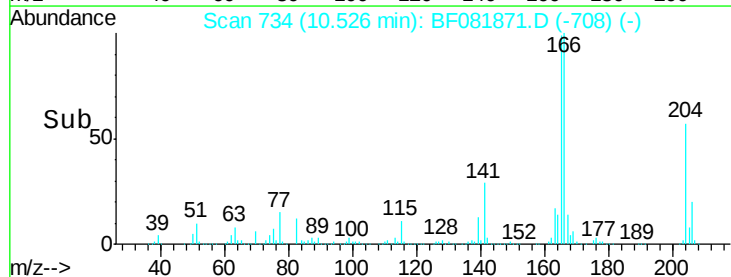
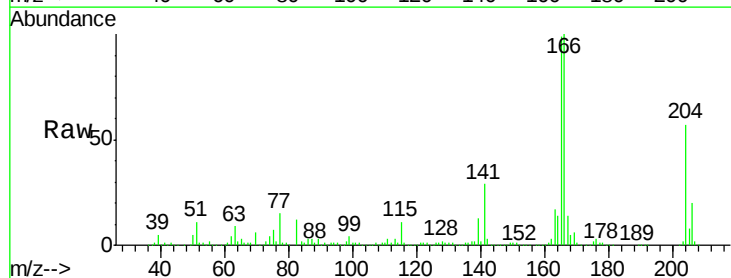
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

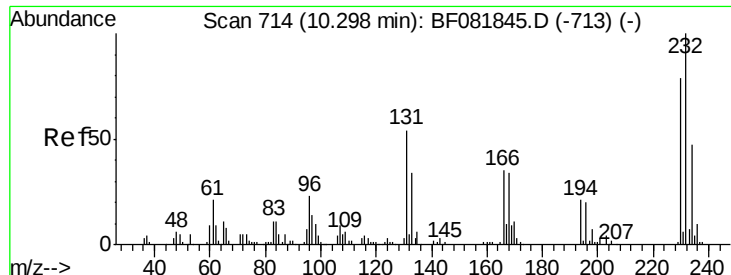
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	29.8	44.6#
89	69.8	44.5	66.7#
182	2.4	3.0	4.4#



#57
Fluorene
Concen: 54.29 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	72.6	109.0
167	13.8	10.6	16.0

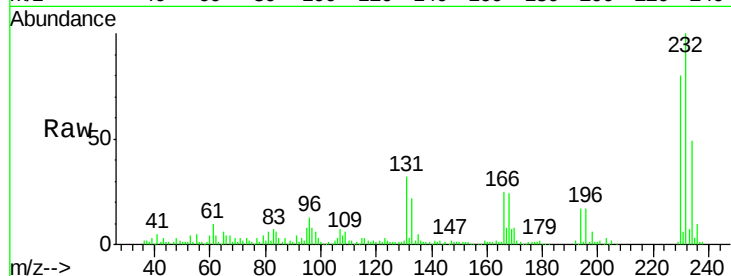




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.74 ng
 RT: 10.31 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	0.0	38.5	57.7#
130	4.6	1.8	2.6#
166	0.0	25.0	37.6#

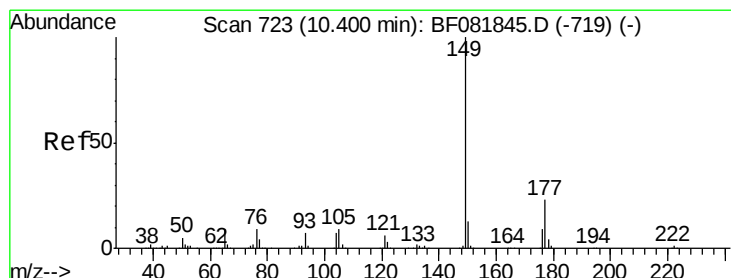
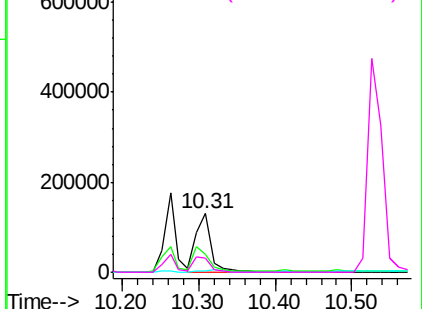
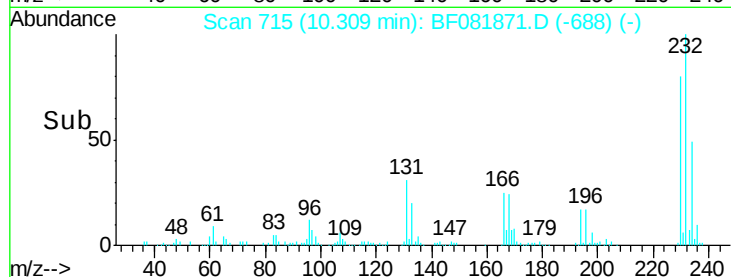


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

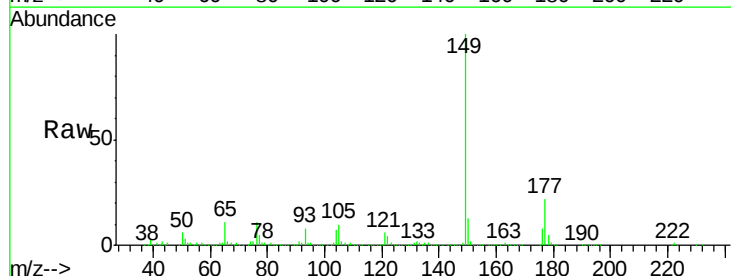
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 50.85 ng
 RT: 10.40 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

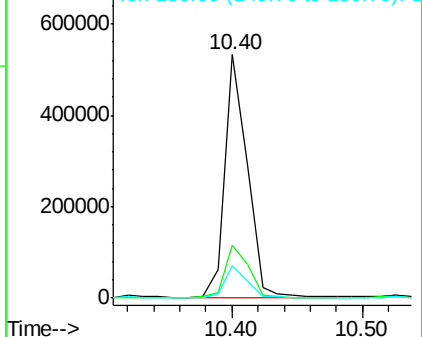
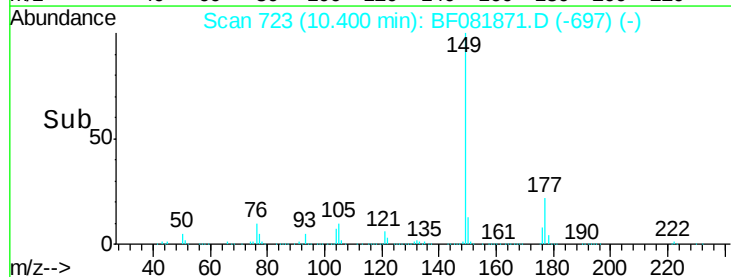
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	13.4	9.4	14.2

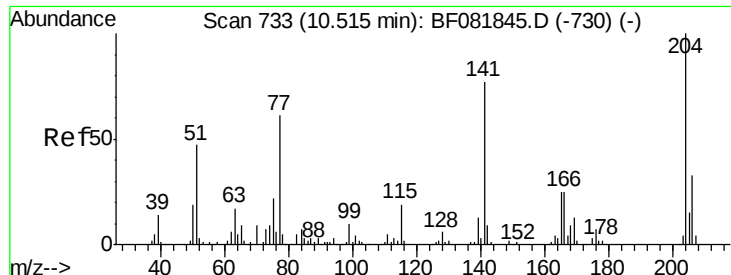


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

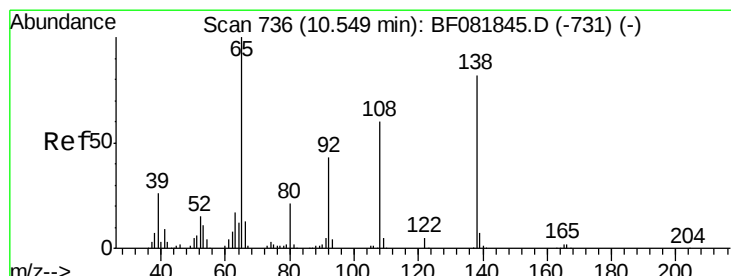
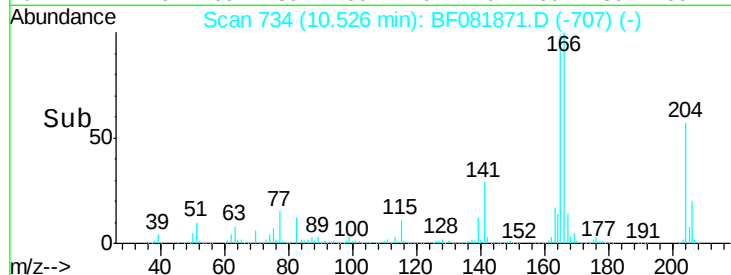
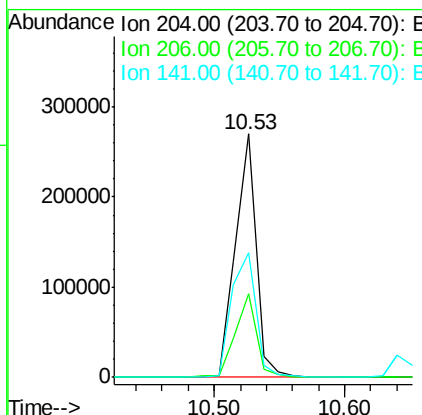
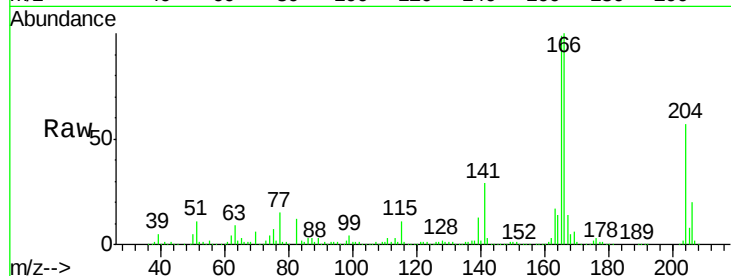




#60
 4-Chlorophenyl-phenylether
 Concen: 51.76 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

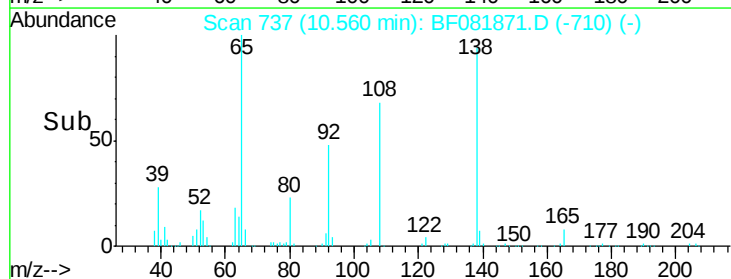
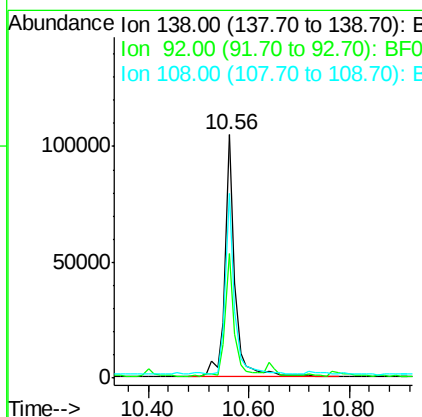
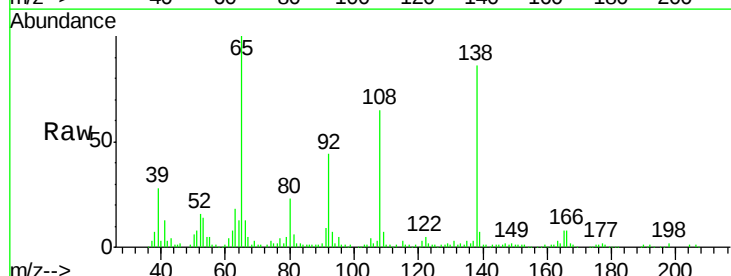
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

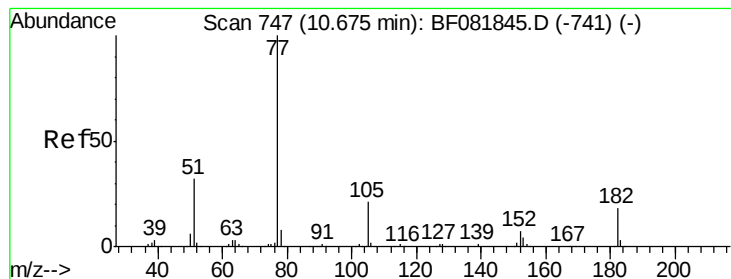
Tgt Ion:204 Resp: 296803
 Ion Ratio Lower Upper
 204 100
 206 34.3 24.8 37.2
 141 51.2 42.2 63.4



#61
 4-Nitroaniline
 Concen: 42.92 ng
 RT: 10.56 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:138 Resp: 143619
 Ion Ratio Lower Upper
 138 100
 92 51.3 12.6 52.6
 108 75.9 12.4 52.4#





#62

Azobenzene

Concen: 54.26 ng

RT: 10.69 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

Tgt Ion: 77 Resp: 657186

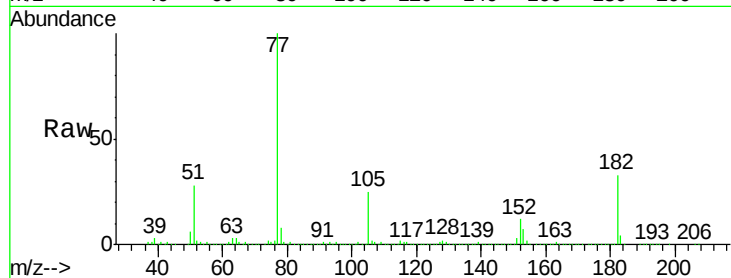
Ion Ratio Lower Upper

77 100

182 33.2 15.1 55.1

105 25.0 3.4 43.4

51 28.0 12.0 52.0

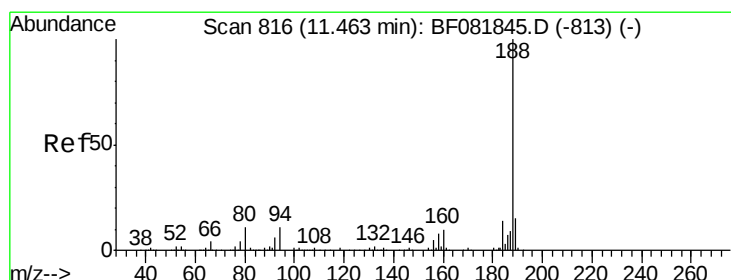
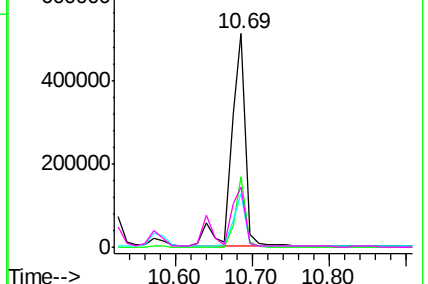
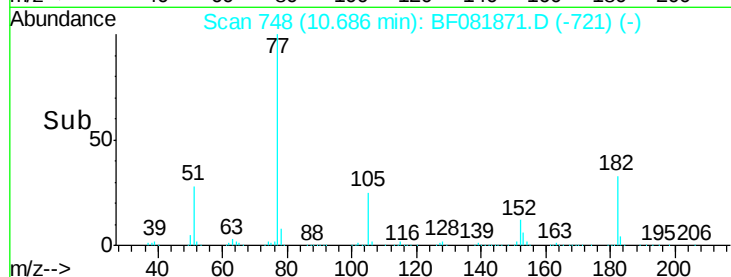


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.47 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

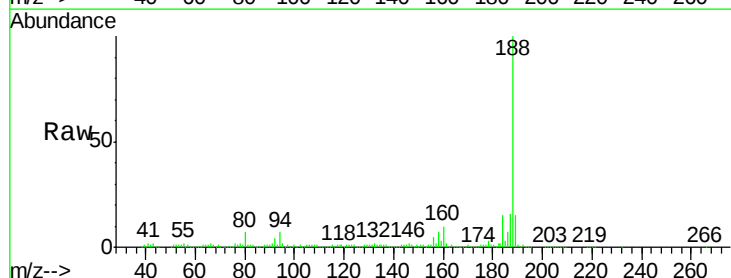
Tgt Ion: 188 Resp: 365737

Ion Ratio Lower Upper

188 100

94 6.7 11.1 16.7#

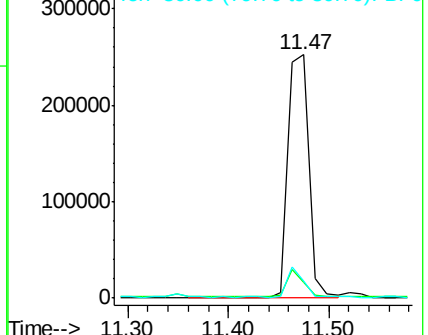
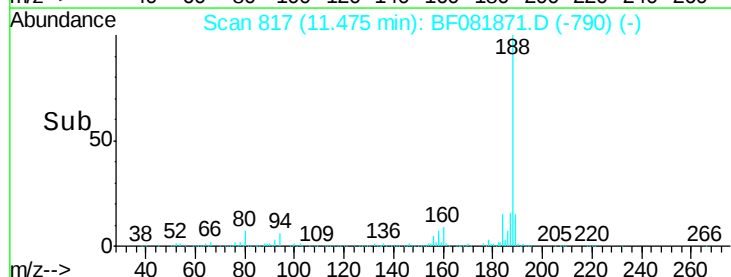
80 6.9 11.0 16.4#

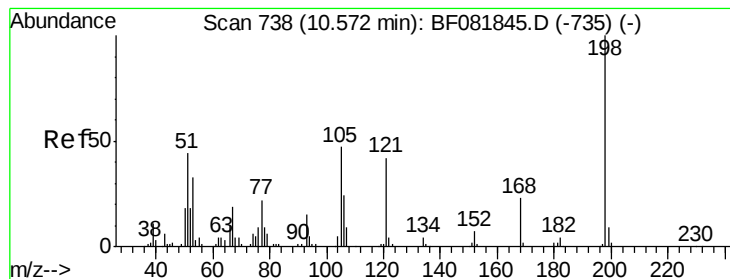


Abundance Ion 188.00 (187.70 to 188.70): E

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: 58.50 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

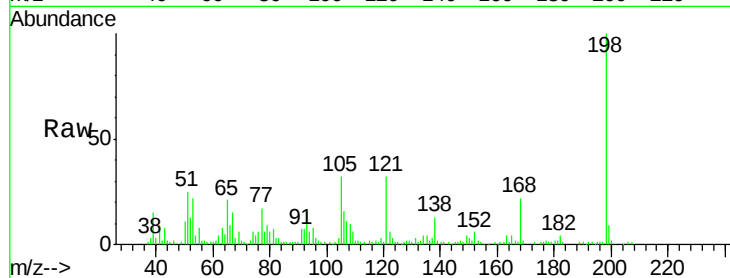
Tgt Ion:198 Resp: 102064

Ion Ratio Lower Upper

198 100

51 25.3 39.6 79.6#

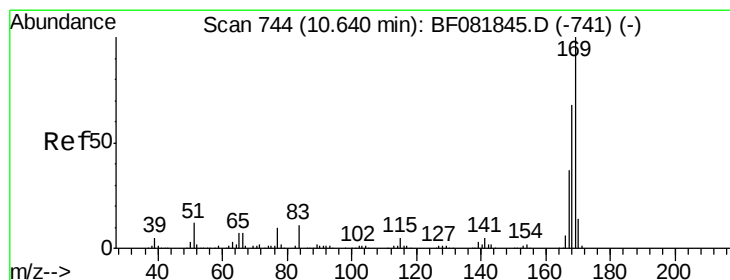
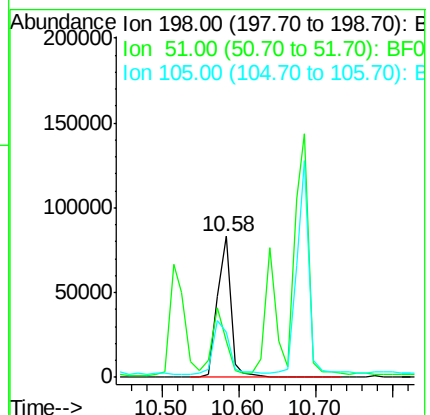
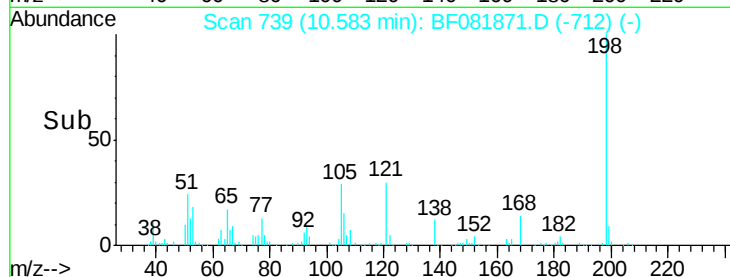
105 32.2 28.5 68.5



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: 47.91 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

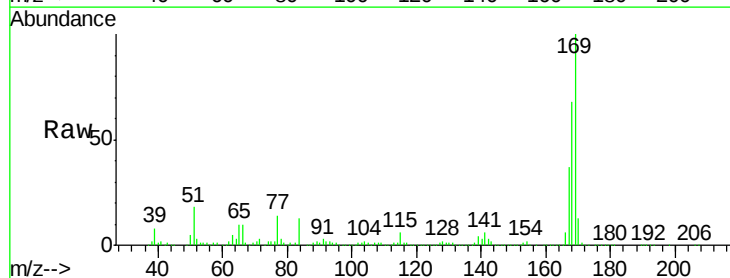
Tgt Ion:169 Resp: 530155

Ion Ratio Lower Upper

169 100

168 67.7 48.9 73.3

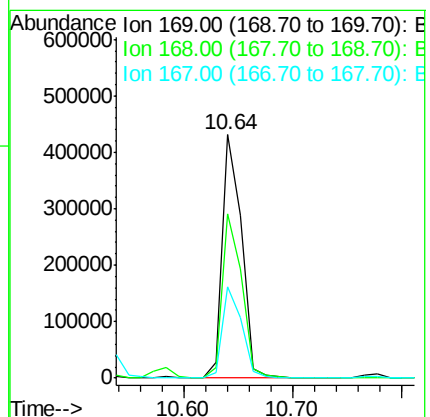
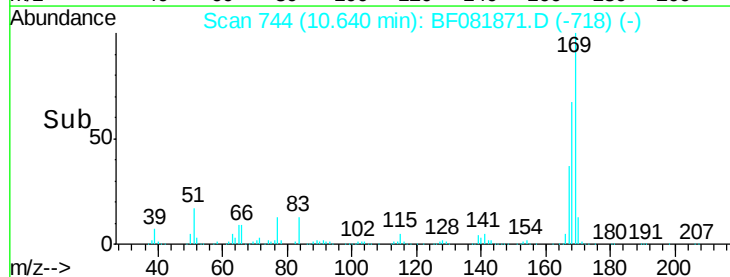
167 37.4 26.2 39.4

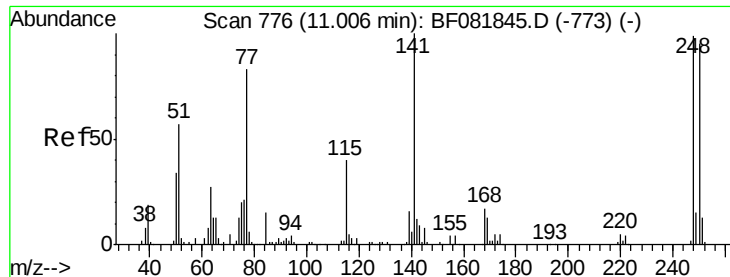


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

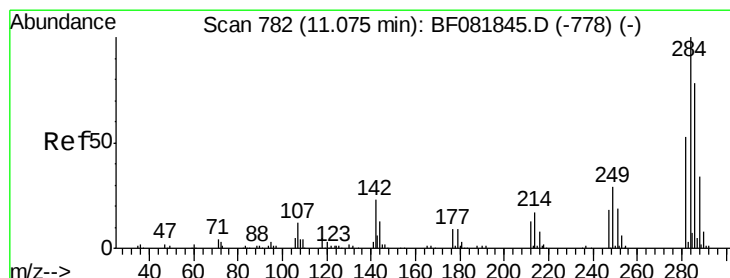
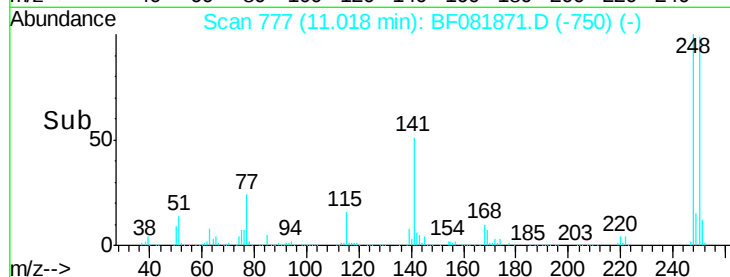
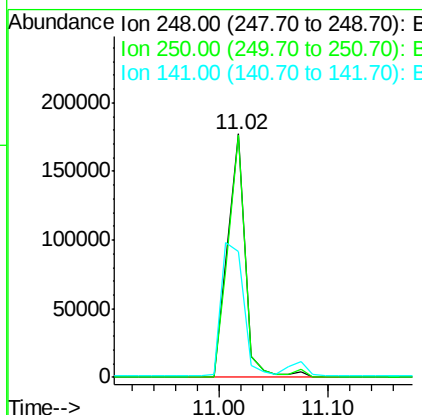
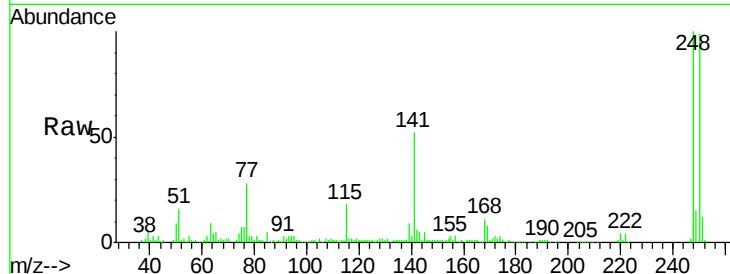




#66
 4-Bromophenyl-phenylether
 Concen: 54.05 ng
 RT: 11.02 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

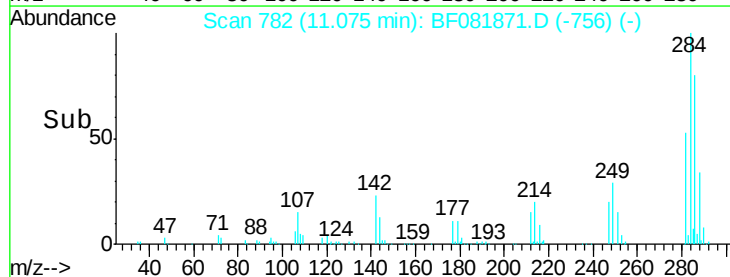
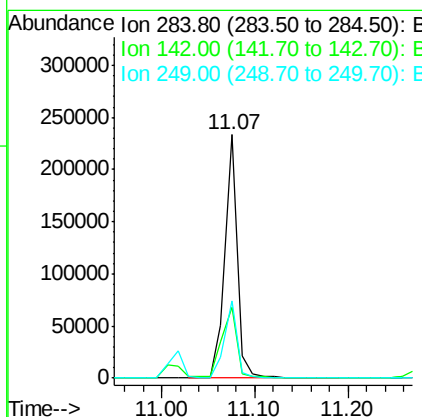
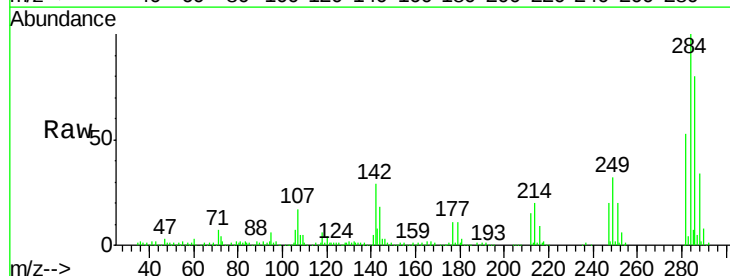
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

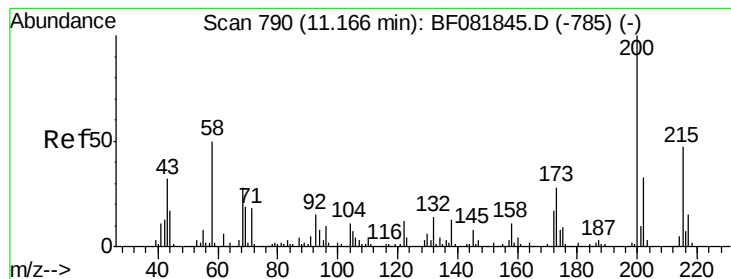
Tgt Ion: 248 Resp: 199304
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.5 117.7
 141 51.8 59.0 88.6#



#67
 Hexachlorobenzene
 Concen: 51.98 ng
 RT: 11.07 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion: 284 Resp: 216314
 Ion Ratio Lower Upper
 284 100
 142 29.3 29.5 44.3#
 249 31.8 19.5 29.3#





#68

Atrazine

Concen: 49.62 ng

RT: 11.19 min Scan# 792

Delta R.T. 0.02 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

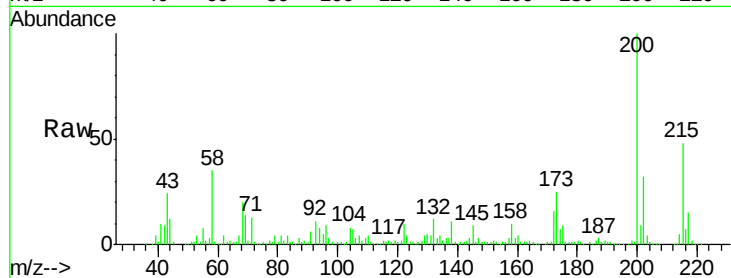
Tgt Ion:200 Resp: 170364

Ion Ratio Lower Upper

200 100

173 25.3 13.2 53.2

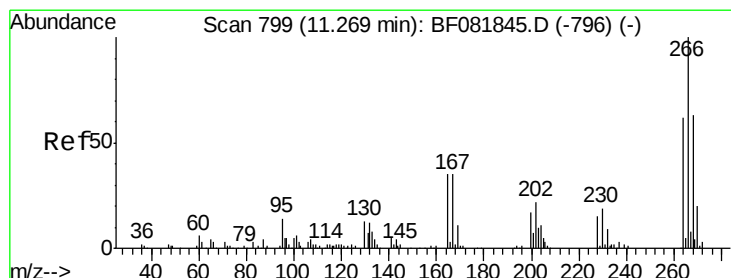
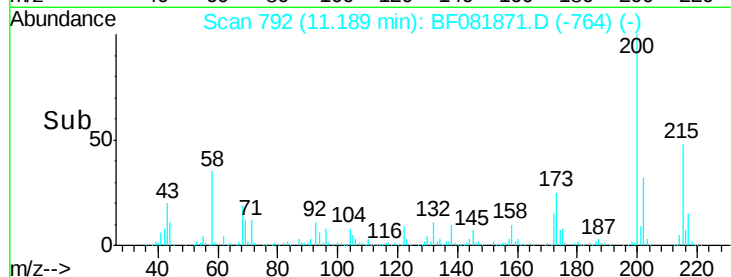
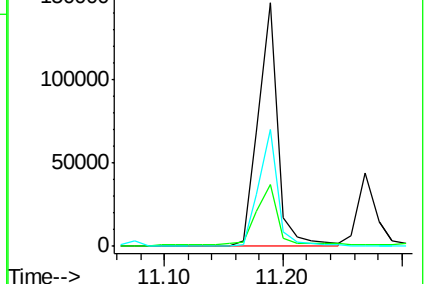
215 48.3 41.8 81.8



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: 105.45 ng

RT: 11.27 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

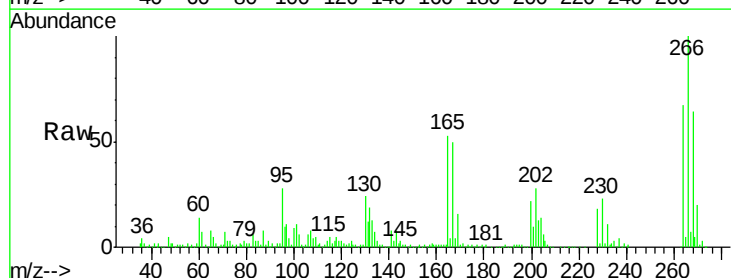
Tgt Ion:266 Resp: 250057

Ion Ratio Lower Upper

266 100

268 64.0 49.8 74.6

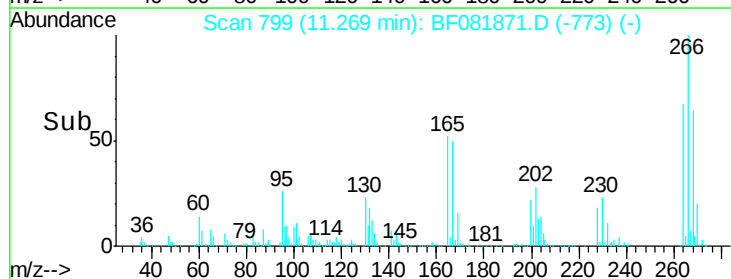
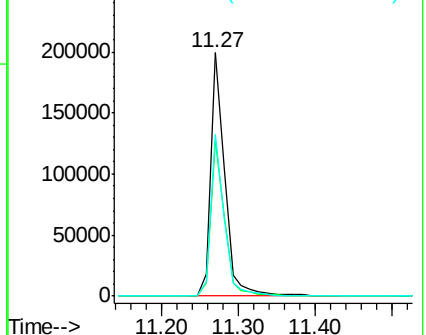
264 66.7 50.2 75.2

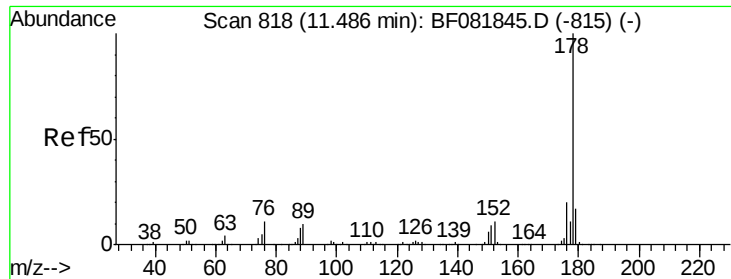


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

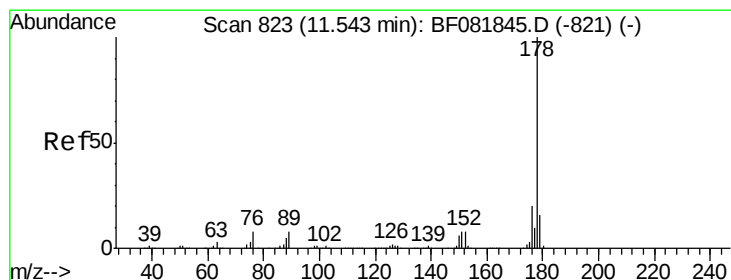
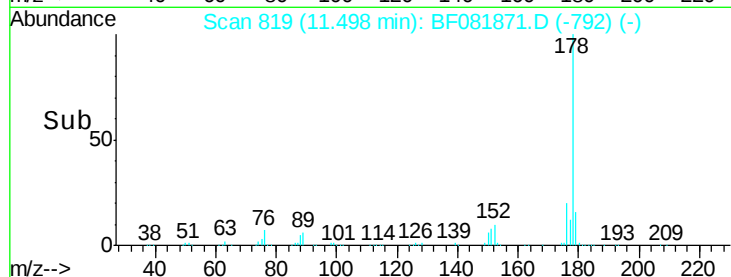
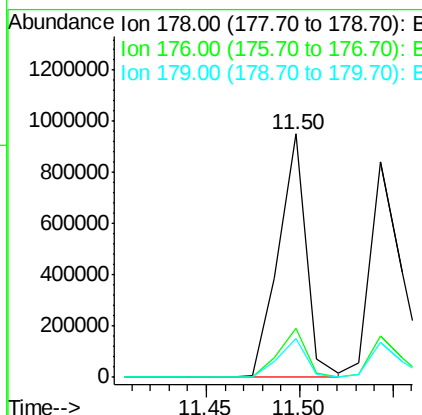
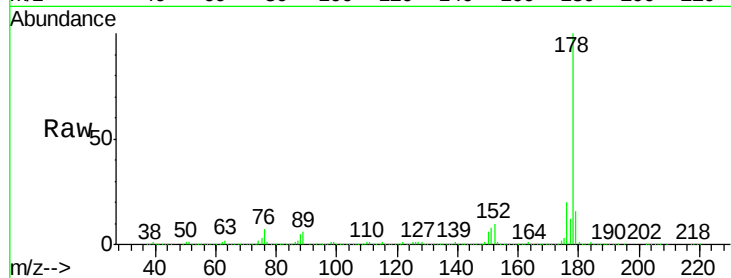




#70
 Phenanthrene
 Concen: 56.12 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

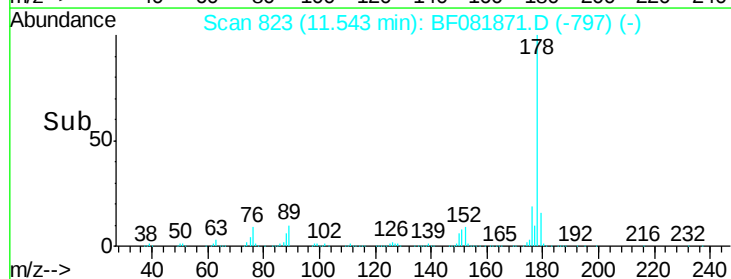
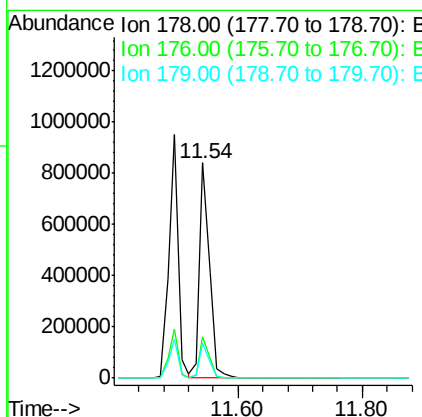
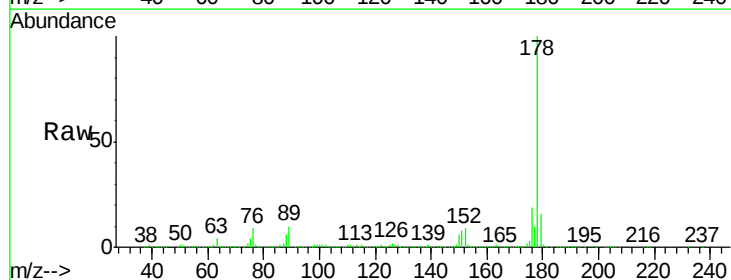
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

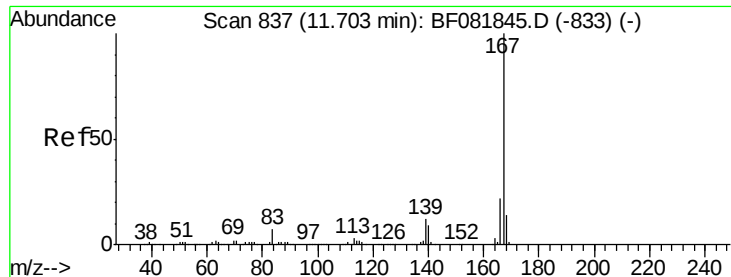
Tgt Ion:178 Resp: 980567
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 16.0 12.2 18.2



#71
 Anthracene
 Concen: 50.79 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:178 Resp: 944069
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 16.3 12.2 18.2





#72

Carbazole

Concen: 51.59 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

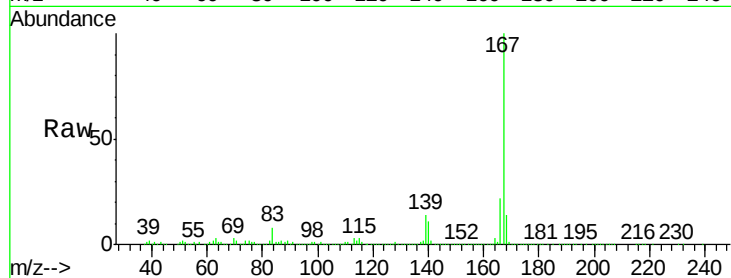
Tgt Ion:167 Resp: 868001

Ion Ratio Lower Upper

167 100

166 22.4 15.7 23.5

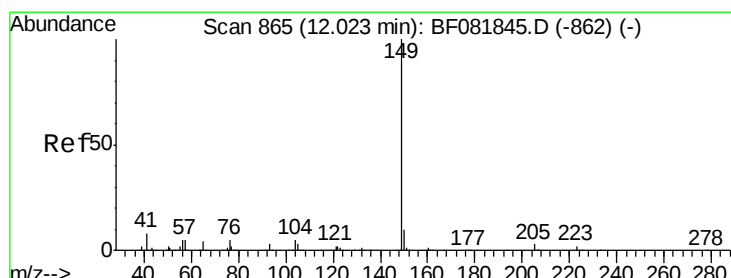
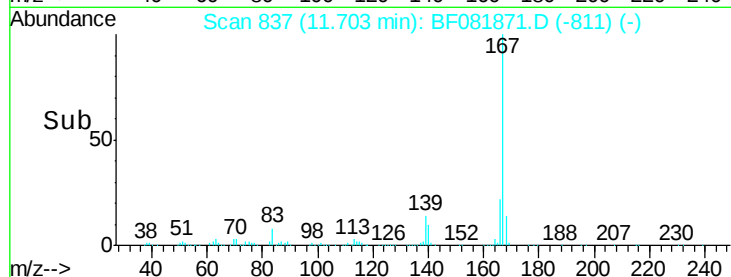
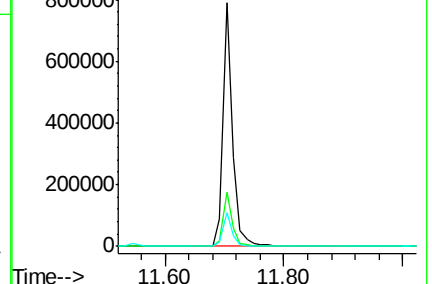
139 13.7 9.5 14.3



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: 58.98 ng

RT: 12.03 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

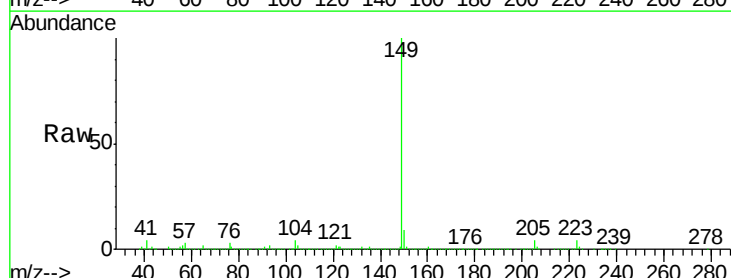
Tgt Ion:149 Resp: 1003496

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

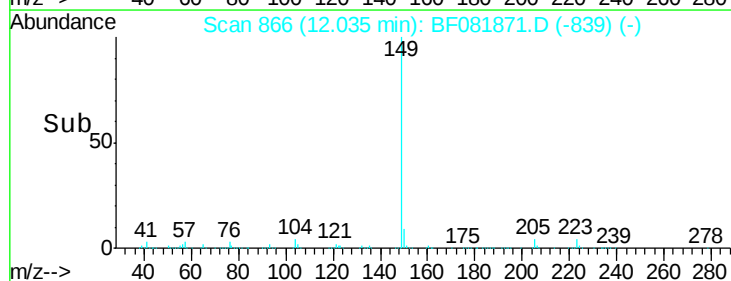
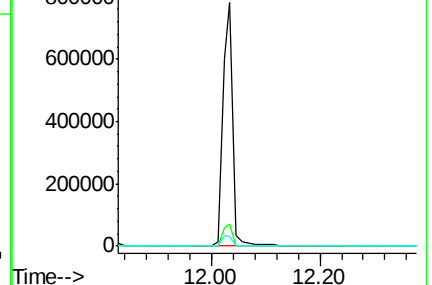
104 3.6 2.4 3.6#

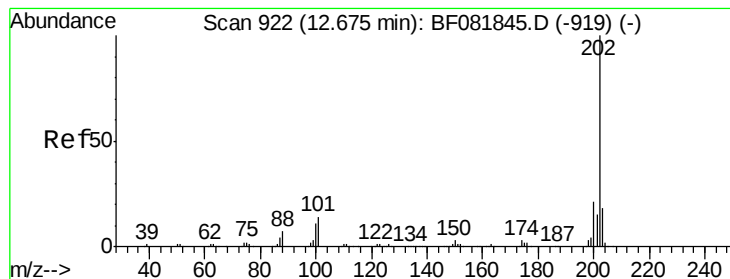


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 54.73 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

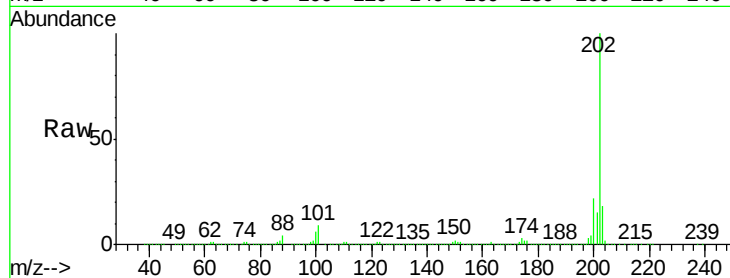
Tgt Ion:202 Resp: 1072255

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

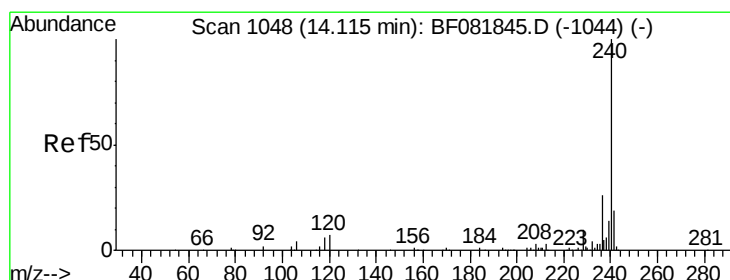
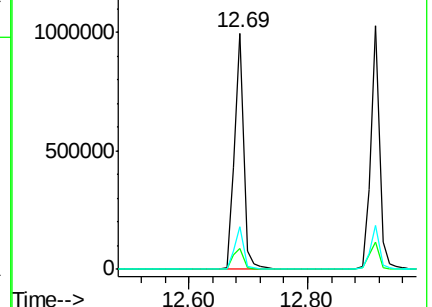
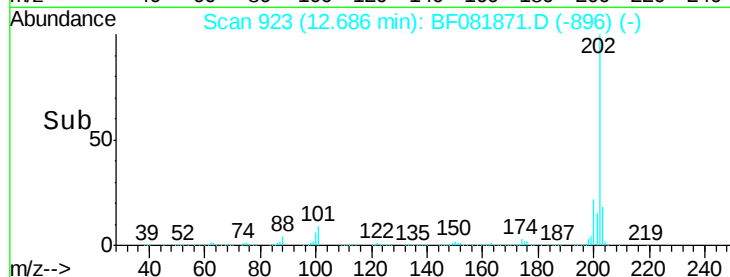
203 18.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

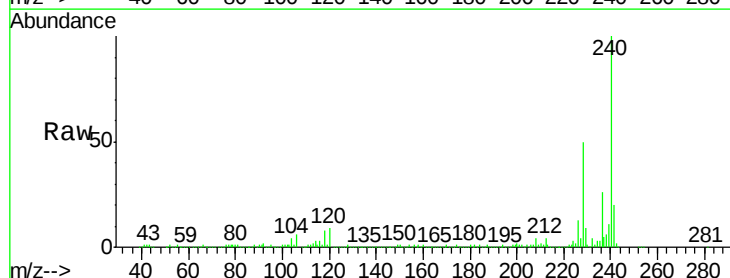
Tgt Ion:240 Resp: 343558

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

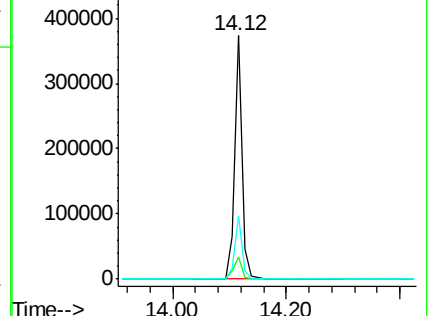
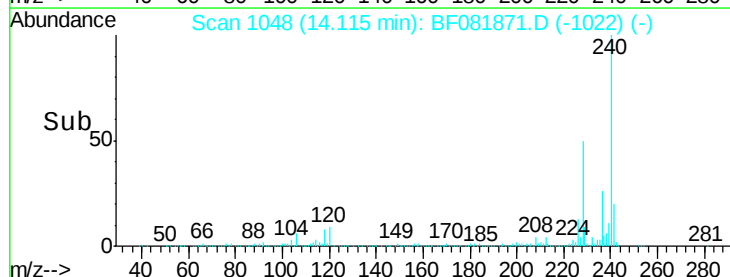
236 25.8 18.4 27.6

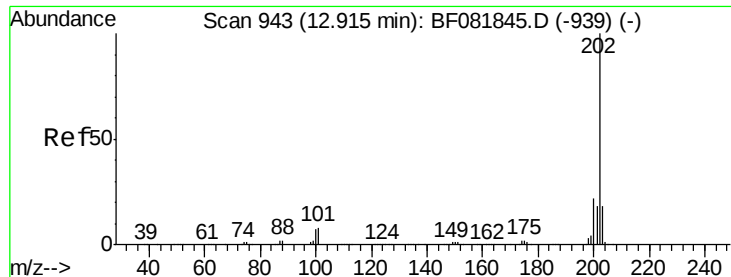


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 51.97 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.23 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

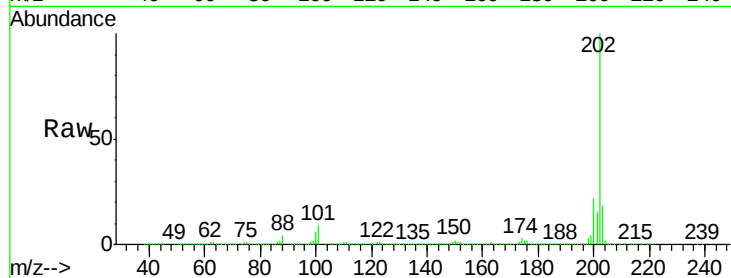
Tgt Ion:202 Resp: 1066565

Ion Ratio Lower Upper

202 100

200 22.1 15.0 22.4

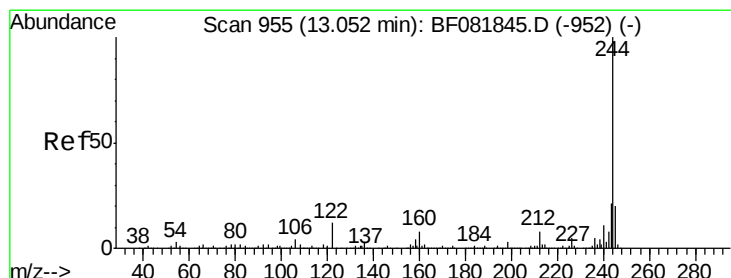
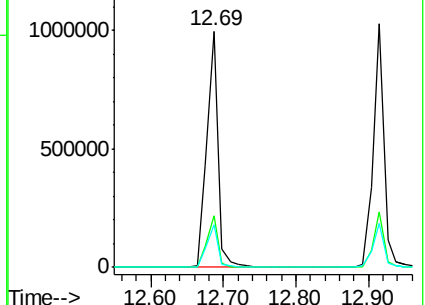
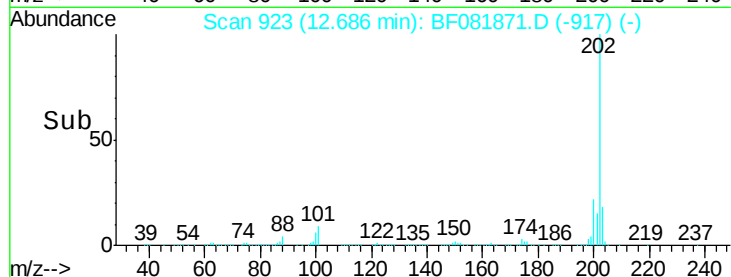
203 18.1 14.1 21.1



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: 122.66 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

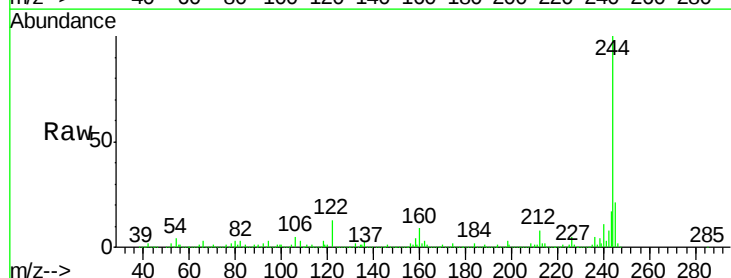
Tgt Ion:244 Resp: 1149691

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

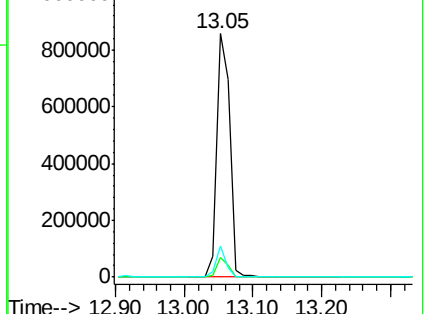
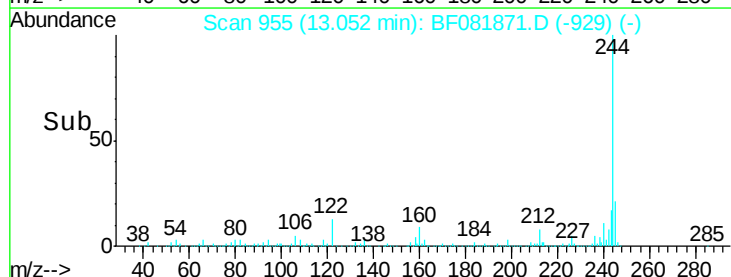
122 12.9 17.4 26.2#

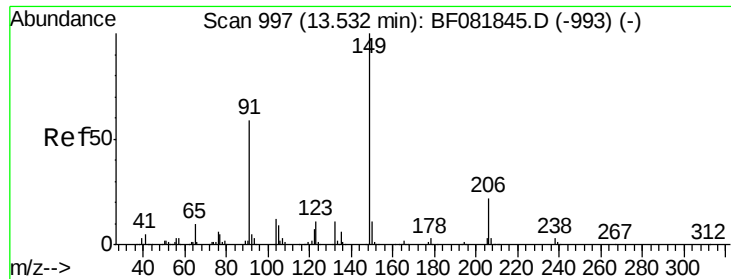


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

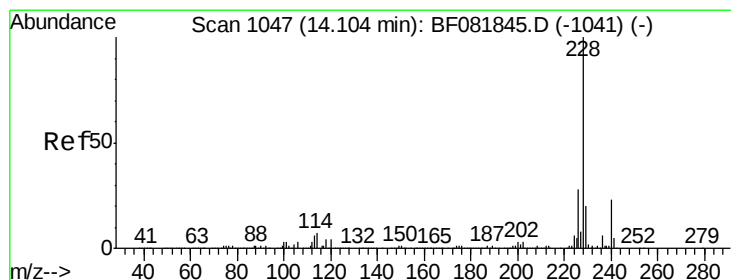
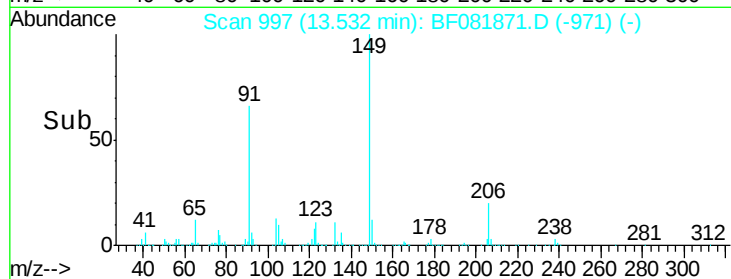
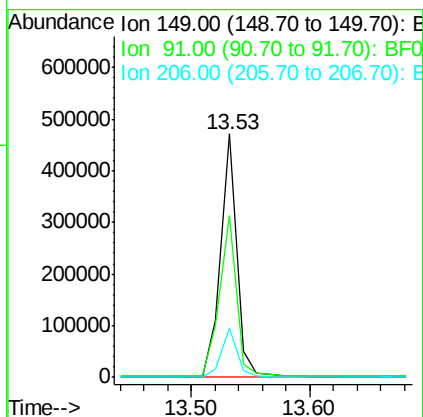
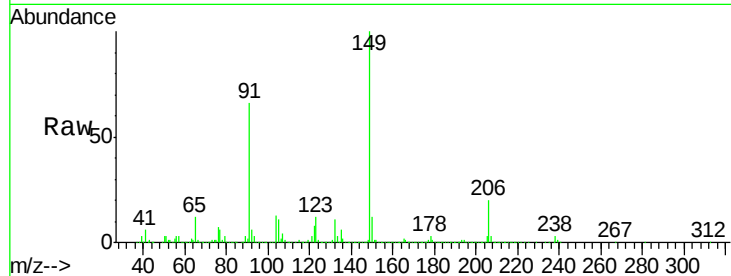




#79
Butylbenzylphthalate
Concen: 57.52 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

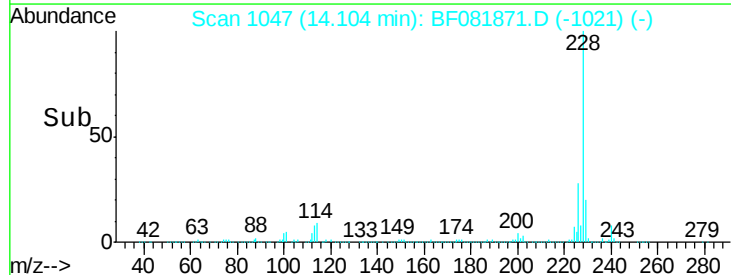
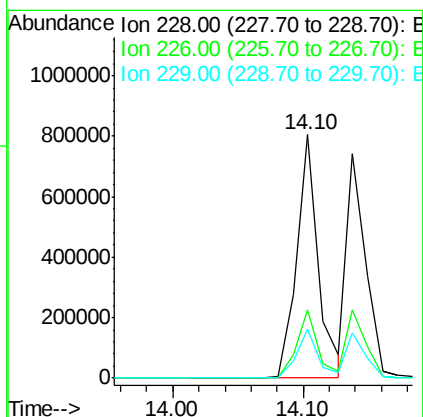
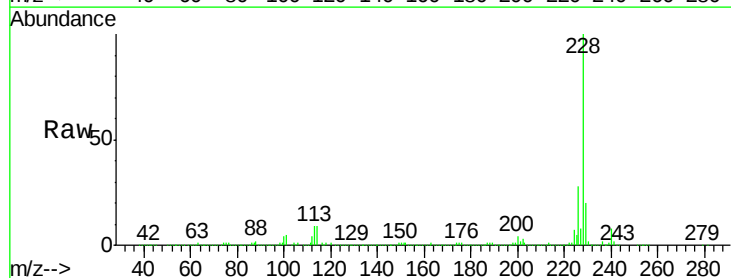
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

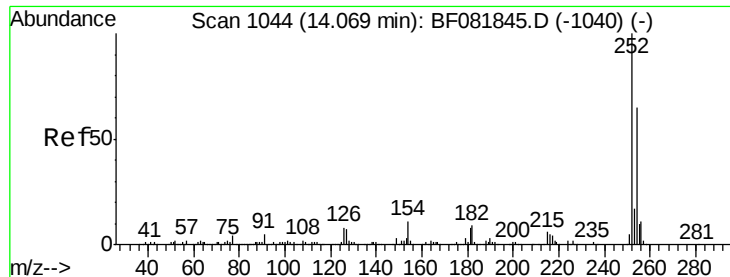
Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	48.6	72.8
206	20.3	14.9	22.3



#80
Benzo(a)anthracene
Concen: 50.17 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	20.3	15.4	23.2

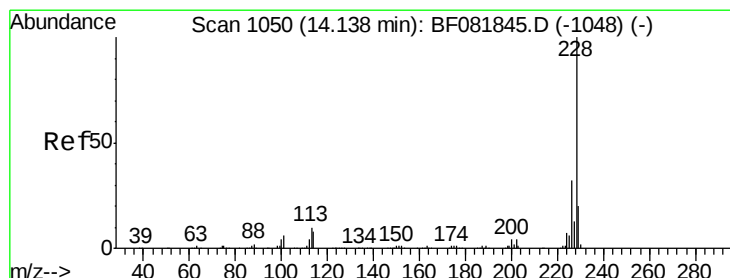
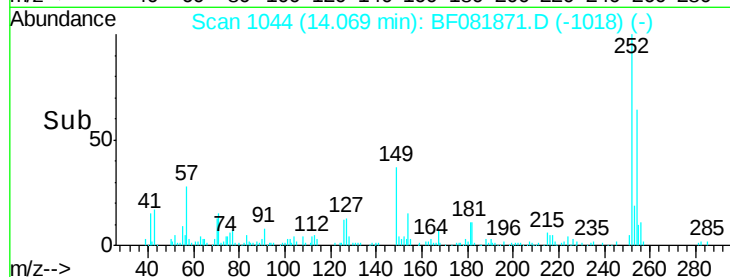
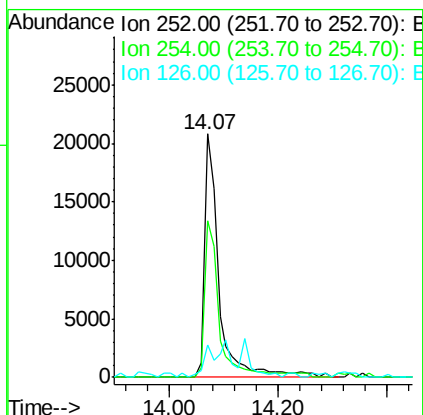
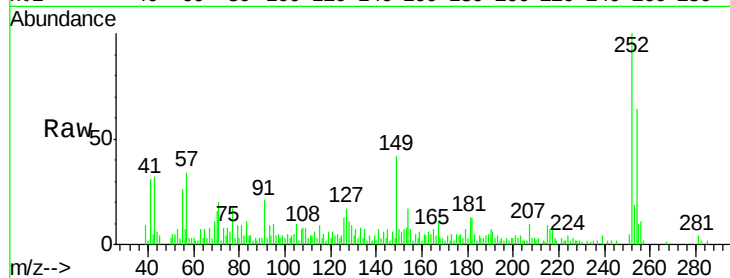




#81
 3,3'-Dichlorobenzidine
 Concen: 6.12 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

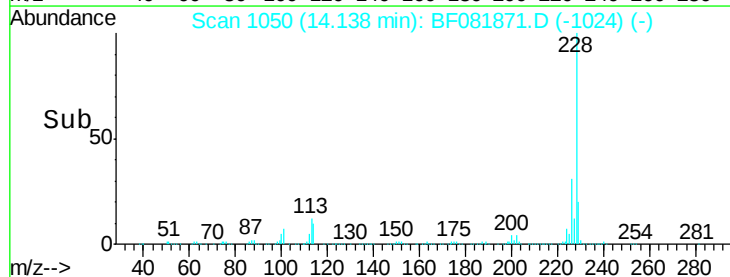
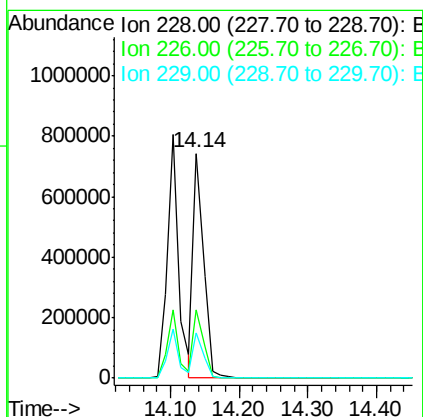
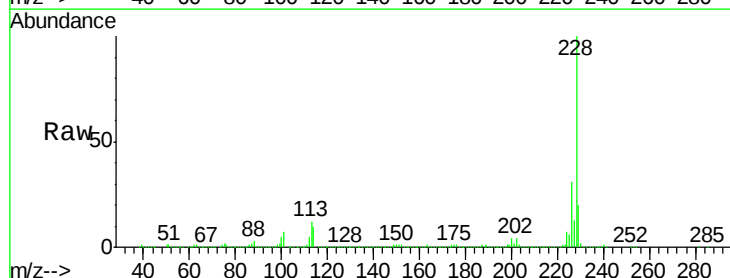
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

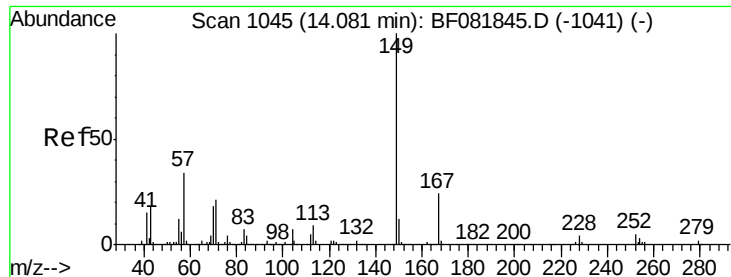
Tgt Ion: 252 Resp: 38264
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.2
 126 13.1 16.4 24.6#



#82
 Chrysene
 Concen: 52.02 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion: 228 Resp: 772263
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 20.3 15.6 23.4

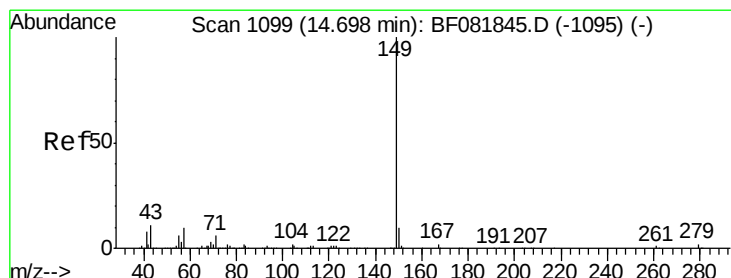
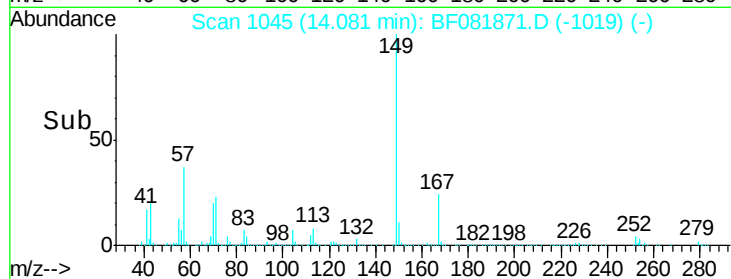
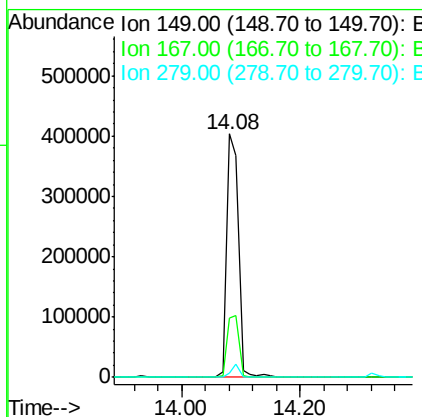
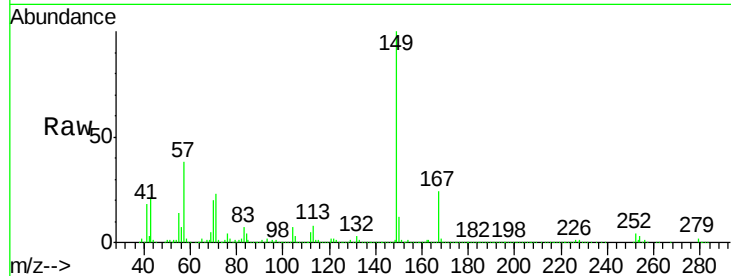




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.80 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

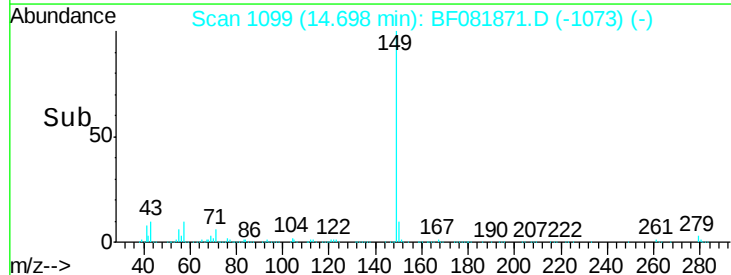
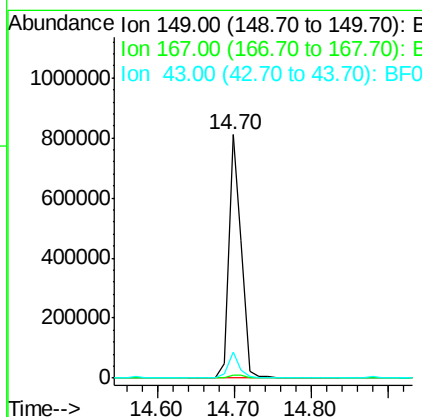
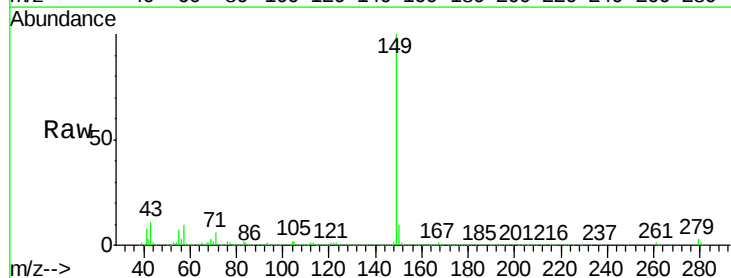
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

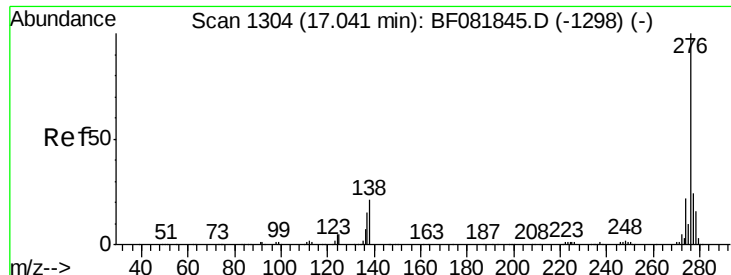
Tgt Ion:149 Resp: 550315
 Ion Ratio Lower Upper
 149 100
 167 24.2 24.2 36.2
 279 2.0 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 58.98 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion:149 Resp: 929853
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 8.9 10.2 15.2#

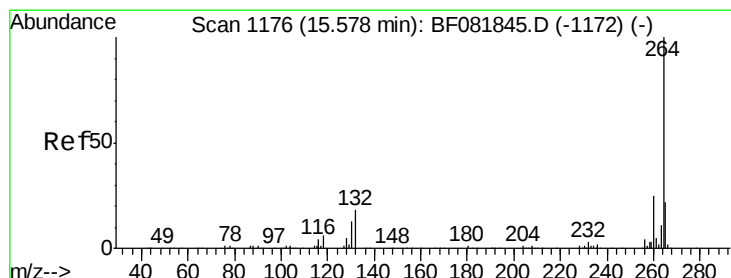
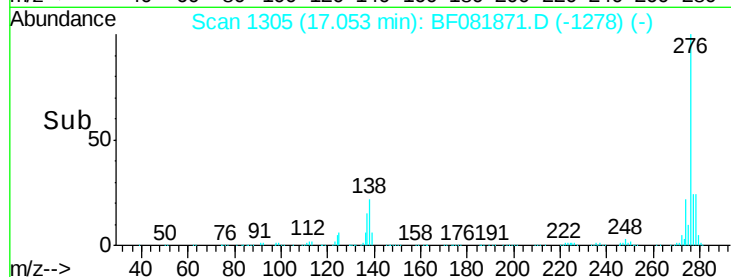
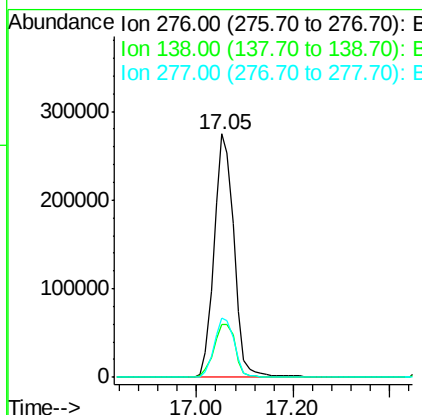
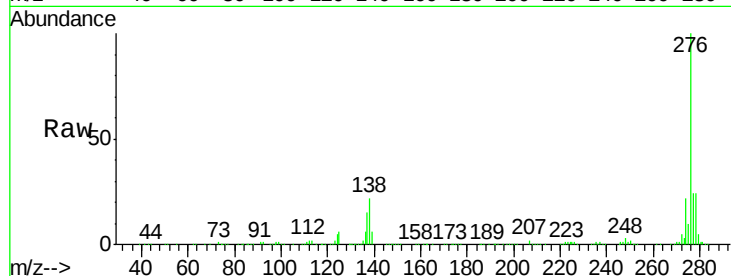




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.03 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

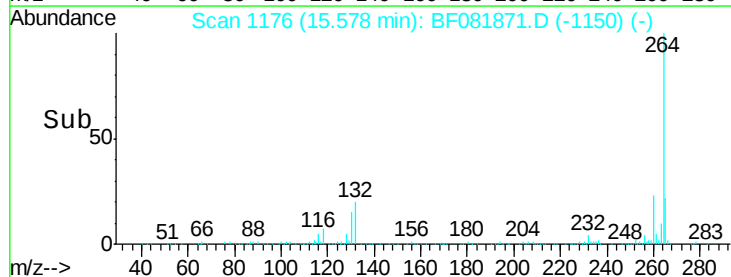
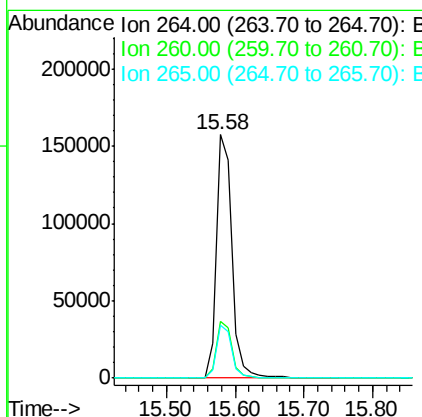
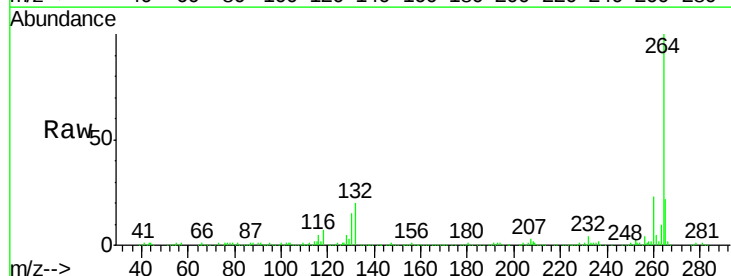
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

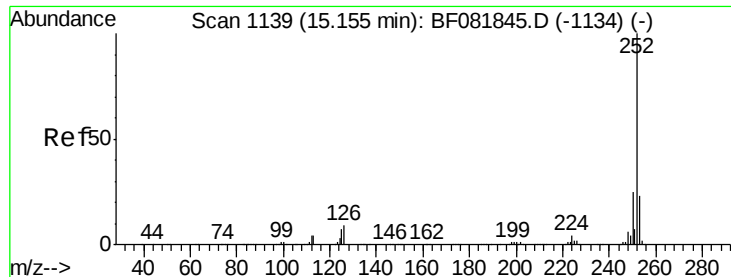
Tgt Ion: 276 Resp: 796473
 Ion Ratio Lower Upper
 276 100
 138 23.7 25.7 38.5#
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Tgt Ion: 264 Resp: 253152
 Ion Ratio Lower Upper
 264 100
 260 23.2 16.7 25.1
 265 21.7 17.2 25.8

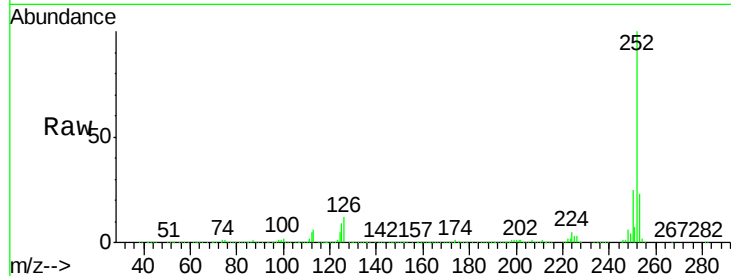




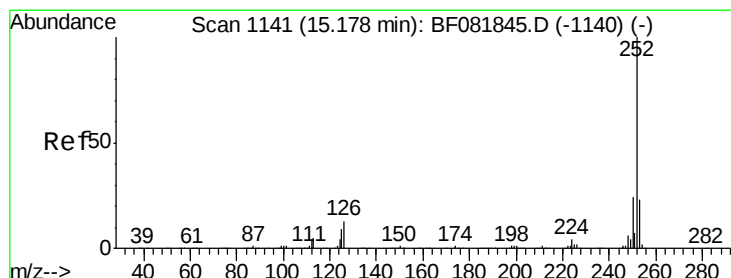
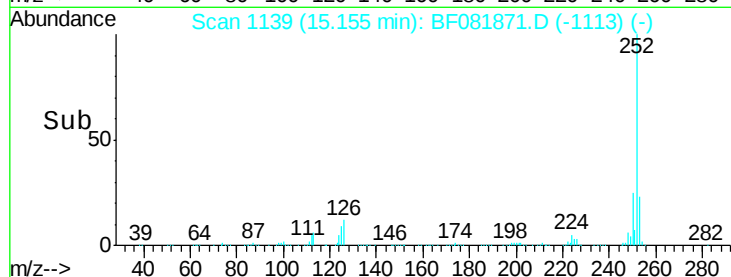
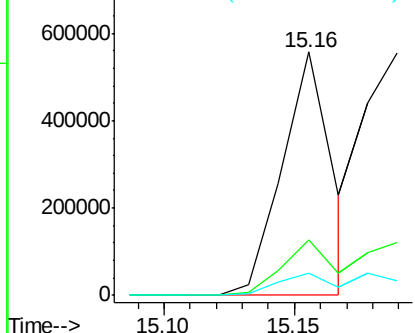
#87
Benzo(b)fluoranthene
Concen: 50.62 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tgt Ion:252 Resp: 731645
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.2 17.1 25.7#

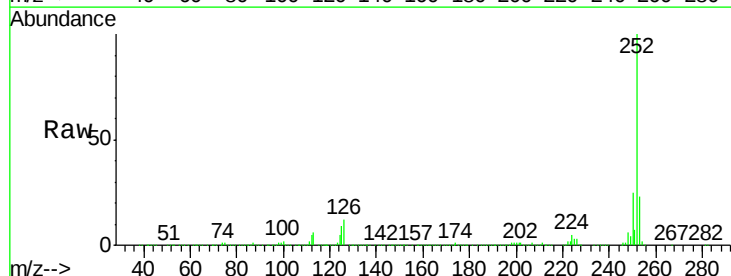


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

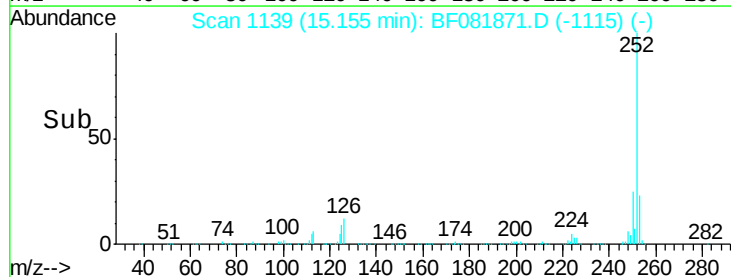
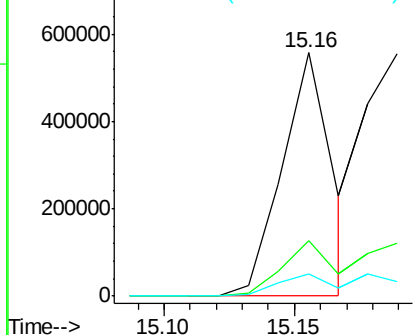


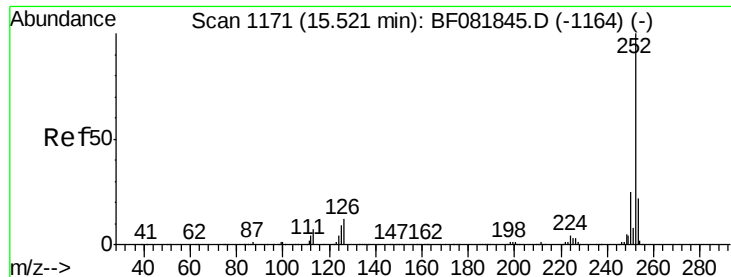
#88
Benzo(k)fluoranthene
Concen: 55.23 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion:252 Resp: 731645
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 9.2 16.0 24.0#



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

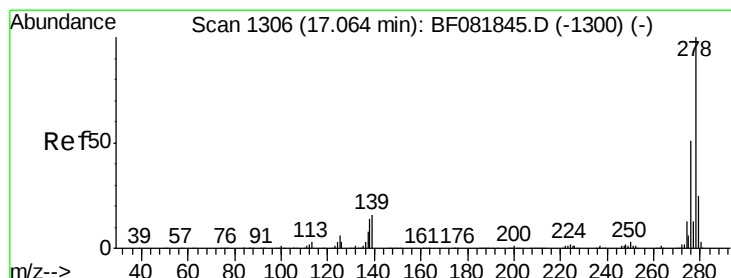
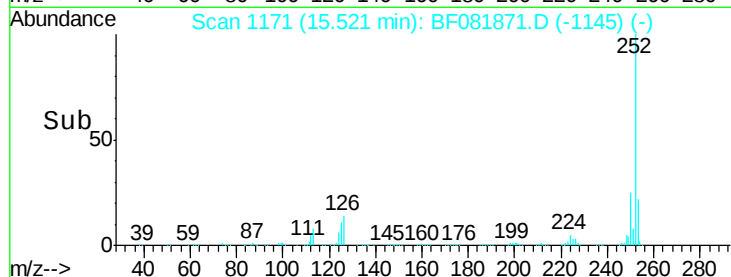
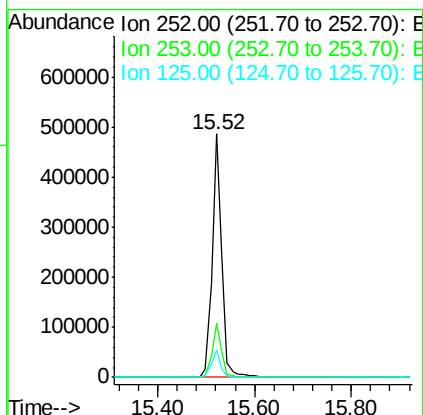
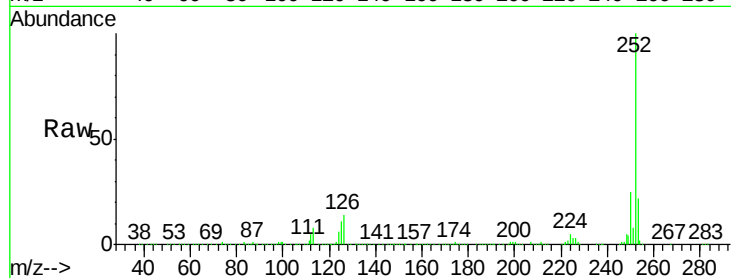




#89
Benzo(a)pyrene
Concen: 54.39 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

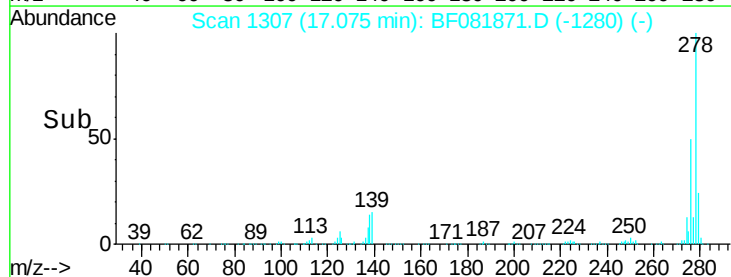
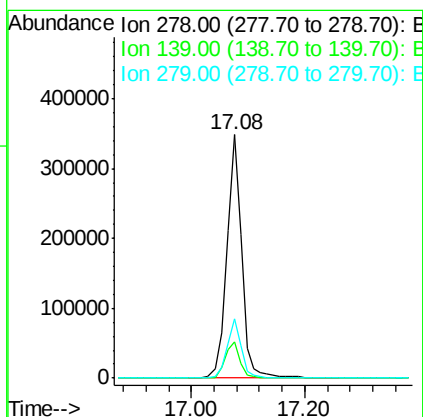
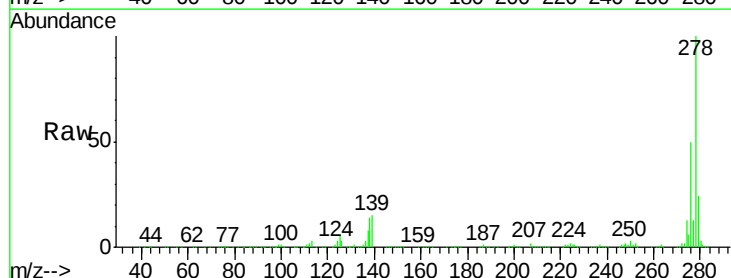
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

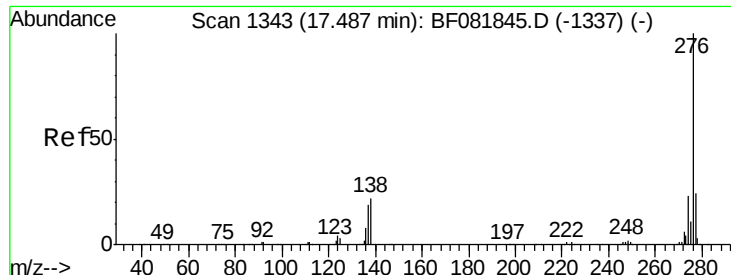
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.0	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 61.09 ng
RT: 17.08 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF081871.D
Acq: 29 Sep 2015 7:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	26.3	39.5#
279	24.1	18.2	27.4

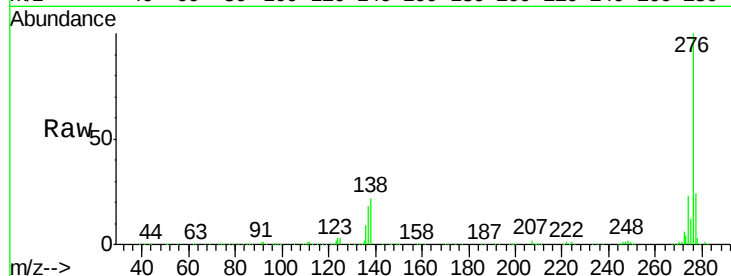




#91
 Benzo(g,h,i)perylene
 Concen: 63.41 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081871.D
 Acq: 29 Sep 2015 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	21.8	34.6	51.8



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

