

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081934.D
 Acq On : 1 Oct 2015 12:37
 Operator : UM/IZ
 Sample : PB85818BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 05:31:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136424	20.00	ng	0.02
21) Naphthalene-d8	8.18	136	523028	20.00	ng	0.02
38) Acenaphthene-d10	9.94	164	262384	20.00	ng	0.02
63) Phenanthrene-d10	11.43	188	502898	20.00	ng	0.02
75) Chrysene-d12	14.07	240	428112	20.00	ng	0.01
86) Perylene-d12	15.51	264	366143	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	822872	109.50	ng	0.05
7) Phenol-d6	6.54	99	1039456	109.92	ng	0.03
23) Nitrobenzene-d5	7.46	82	620908	79.13	ng	0.01
41) 2,4,6-Tribromophenol	10.73	330	298601	112.37	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	1168263	72.39	ng	0.01
78) Terphenyl-d14	13.01	244	1198889	92.78	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	105360	32.24	ng	84
3) Pyridine	3.34	79	250327	29.42	ng	# 84
4) n-Nitrosodimethylamine	3.30	42	117051	30.29	ng	95
6) Aniline	6.56	93	268824	21.16	ng	# 87
8) 2-Chlorophenol	6.69	128	317548	38.26	ng	97
9) Benzaldehyde	6.45	77	58679	9.48	ng	# 84
10) Phenol	6.55	94	374789	35.33	ng	80
11) bis(2-Chloroethyl)ether	6.64	93	334928	40.71	ng	92
12) 1,3-Dichlorobenzene	7.07	146	310383	31.66	ng	99
13) 1,4-Dichlorobenzene	7.07	146	318886	31.15	ng	98
14) 1,2-Dichlorobenzene	7.07	146	328600	36.03	ng	97
15) Benzyl Alcohol	7.04	79	222519	32.60	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	421987	36.29	ng	80
17) 2-Methylphenol	7.15	107	254228	37.78	ng	# 86
18) Hexachloroethane	7.41	117	120282	37.54	ng	# 87
19) n-Nitroso-di-n-propylamine	7.31	70	203488	35.40	ng	# 77
20) 3+4-Methylphenols	7.30	107	292984	34.47	ng	# 66
22) Acetophenone	7.31	105	412085	38.53	ng	# 82
24) Nitrobenzene	7.49	77	319398	37.49	ng	# 71
25) Isophorone	7.73	82	590713	37.98	ng	# 93
26) 2-Nitrophenol	7.81	139	176038	43.04	ng	# 86
27) 2,4-Dimethylphenol	7.84	122	301901	41.96	ng	# 84
28) bis(2-Chloroethoxy)methane	7.93	93	349324	37.83	ng	# 93
29) 2,4-Dichlorophenol	8.05	162	288135	41.30	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	313373	40.24	ng	99
31) Naphthalene	8.21	128	901469	38.90	ng	97
32) Benzoic acid	7.95	122	154949	37.84	ng	# 71
33) 4-Chloroaniline	8.26	127	117051	11.68	ng	# 96
34) Hexachlorobutadiene	8.32	225	187652	40.74	ng	99
35) Caprolactam	8.63	113	52338	27.10	ng	# 86
36) 4-Chloro-3-methylphenol	8.74	107	289097	42.38	ng	95
37) 2-Methylnaphthalene	8.89	142	605523	38.28	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	311853	38.71	ng	99
40) Hexachlorocyclopentadiene	9.05	237	361052	87.04	ng	97

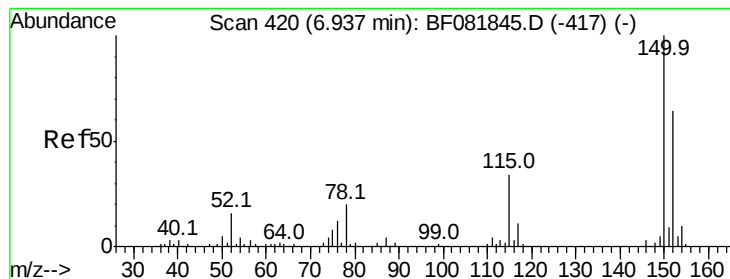
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081934.D
 Acq On : 1 Oct 2015 12:37
 Operator : UM/IZ
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Instrument :
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Quant Time: Oct 15 05:31:50 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	223146	40.41	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	219479	38.65	nq	# 94
45) 1,1'-Biphenyl	9.36	154	745227	36.81	nq	94
46) 2-Chloronaphthalene	9.38	162	582536	36.65	nq	# 92
47) 2-Nitroaniline	9.49	65	181643	38.93	nq	# 82
48) Acenaphthylene	9.81	152	974512	38.31	nq	97
49) Dimethylphthalate	9.67	163	733360	40.49	nq	# 97
50) 2,6-Dinitrotoluene	9.73	165	150394	38.25	nq	# 63
51) Acenaphthene	9.98	154	645807	42.75	nq	89
52) 3-Nitroaniline	9.90	138	90347	19.86	nq	# 74
53) 2,4-Dinitrophenol	10.00	184	142425	76.61	nq	# 52
54) Dibenzofuran	10.15	168	847291	39.69	nq	93
55) 4-Nitrophenol	10.06	139	231581	70.45	nq	# 52
56) 2,4-Dinitrotoluene	10.13	165	203880	40.67	nq	# 71
57) Fluorene	10.49	166	658980	43.07	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	199201	44.22	nq	91
59) Diethylphthalate	10.37	149	711012	42.03	nq	96
60) 4-Chlorophenyl-phenylether	10.48	204	323785	41.42	nq	94
61) 4-Nitroaniline	10.51	138	161675	35.45	nq	# 49
62) Azobenzene	10.64	77	684495	41.46	nq	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	111060	48.54	nq	# 77
65) n-Nitrosodiphenylamine	10.61	169	583930	38.38	nq	92
66) 4-Bromophenyl-phenylether	10.97	248	216717	42.74	nq	# 90
67) Hexachlorobenzene	11.03	284	208058	36.36	nq	# 91
68) Atrazine	11.13	200	210251	44.53	nq	83
69) Pentachlorophenol	11.22	266	234356	71.87	nq	100
70) Phenanthrene	11.45	178	1008429	41.54	nq	96
71) Anthracene	11.50	178	1003830	39.27	nq	97
72) Carbazole	11.66	167	935079	40.42	nq	95
73) Di-n-butylphthalate	11.99	149	1085108	46.08	nq	99
74) Fluoranthene	12.64	202	1090528	40.48	nq	86
76) Benzidine	12.77	184	348070	26.98	nq	98
77) Pyrene	12.87	202	1106956	43.28	nq	96
79) Butylbenzylphthalate	13.49	149	483737	50.26	nq	# 91
80) Benzo(a)anthracene	14.06	228	929963	40.34	nq	96
81) 3,3'-Dichlorobenzidine	14.02	252	182973	23.50	nq	# 93
82) Chrysene	14.06	228	929963	47.68	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	599249	49.64	nq	# 91
84) Di-n-octyl phthalate	14.65	149	1047109	53.30	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.94	276	717465	39.78	nq	# 88
87) Benzo(b)fluoranthene	15.12	252	1689371	80.81	nq	# 86
88) Benzo(k)fluoranthene	15.12	252	1690029	88.21	nq	# 87
89) Benzo(a)pyrene	15.45	252	798479	44.03	nq	# 85
90) Dibenzo(a,h)anthracene	16.96	278	591490	38.88	nq	# 81
91) Benzo(g,h,i)perylene	17.37	276	569021	36.50	nq	# 77

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

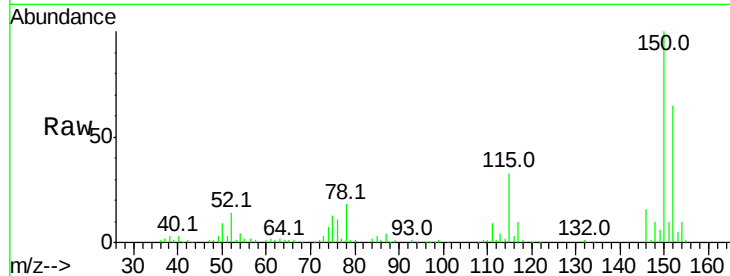


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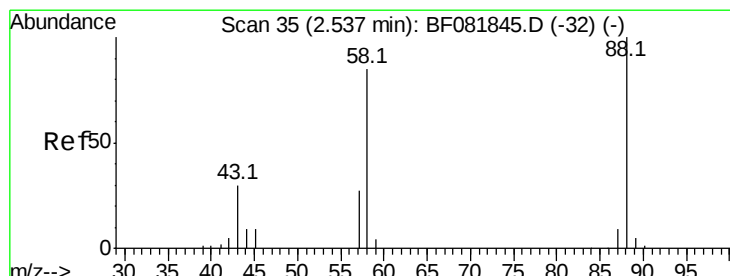
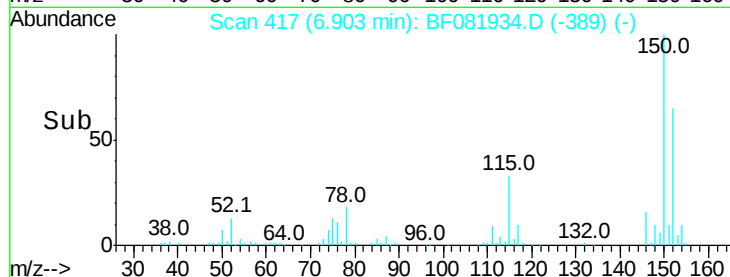
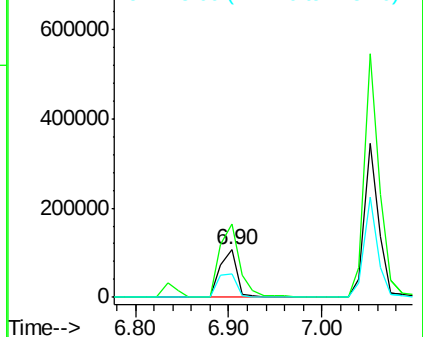
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136424
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 50.3 39.0 58.4



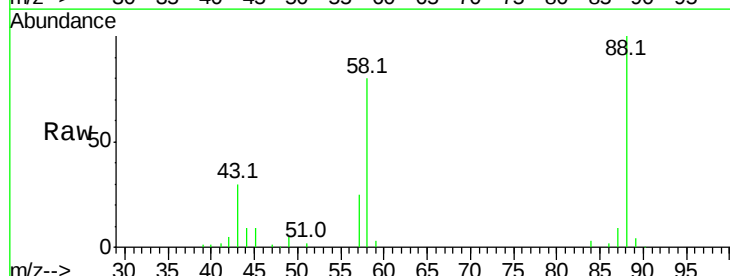
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



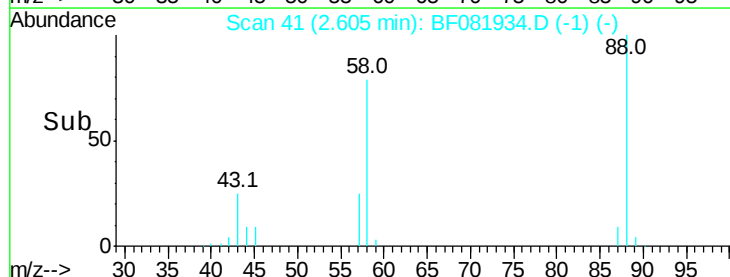
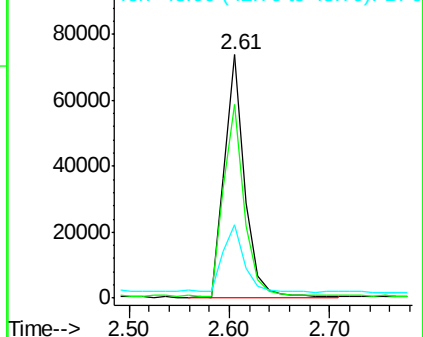
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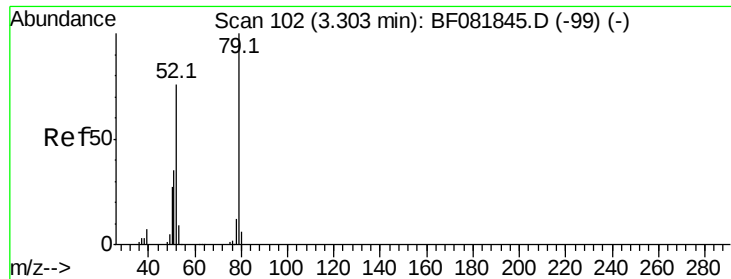
1,4-Dioxane
Concen: 32.24 ng
RT: 2.61 min Scan# 41
Delta R.T. 0.16 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 88 Resp: 105360
Ion Ratio Lower Upper
88 100
58 78.3 77.7 116.5
43 28.5 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

Pvridine

Concen: 29.42 ng

RT: 3.34 min Scan# 105

Delta R.T. 0.16 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

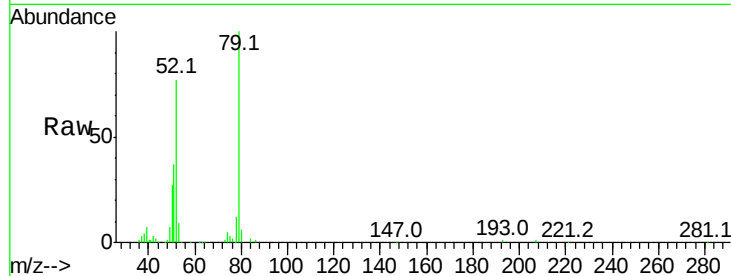
Tot Ion: 79 Resp: 250327

Ion Ratio Lower Upper

79 100

52 76.5 76.8 115.2#

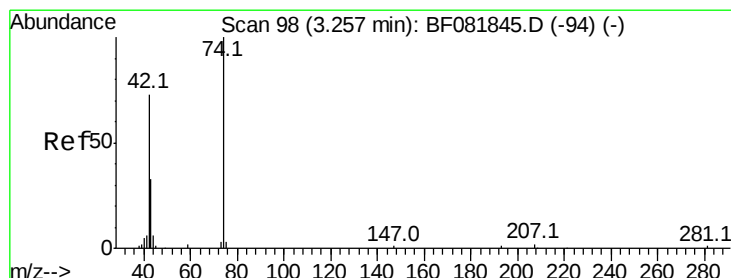
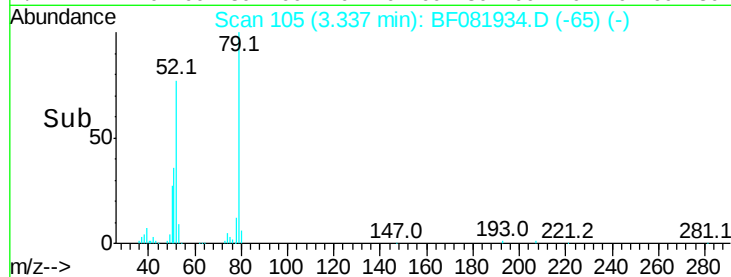
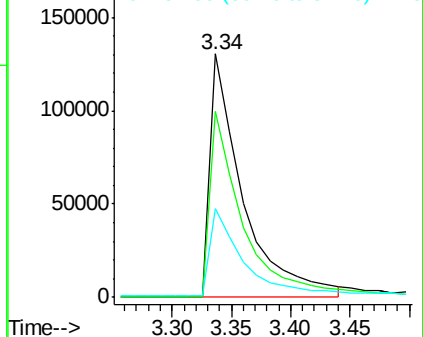
51 36.5 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.29 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.16 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

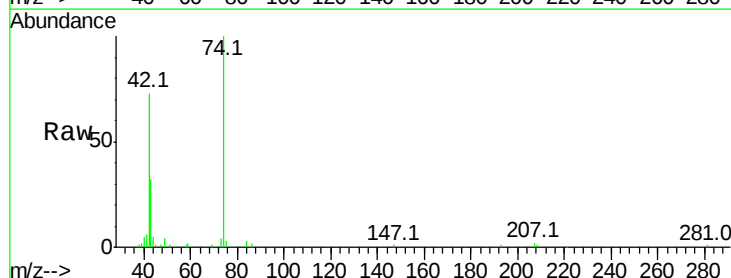
Tgt Ion: 42 Resp: 117051

Ion Ratio Lower Upper

42 100

74 137.8 105.0 157.6

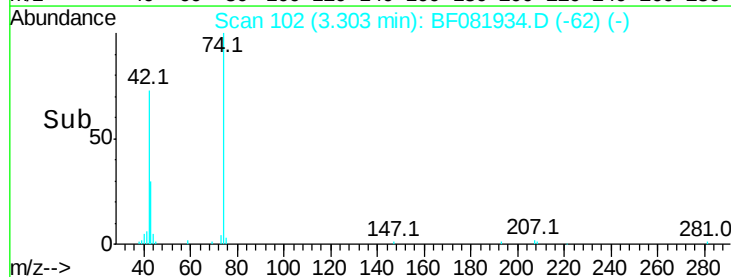
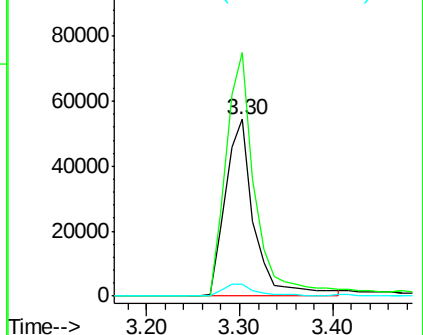
44 7.1 6.6 10.0

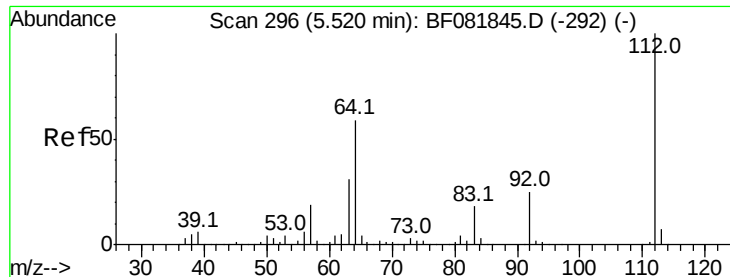


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.50 ng

RT: 5.51 min Scan# 295

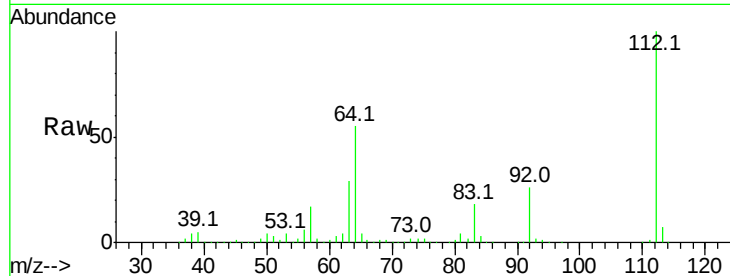
Delta R.T. 0.05 min

Lab File: BF081934.D

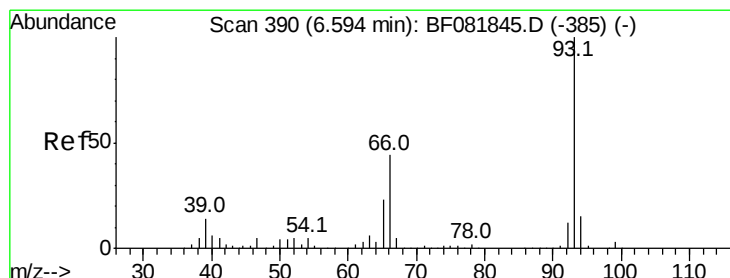
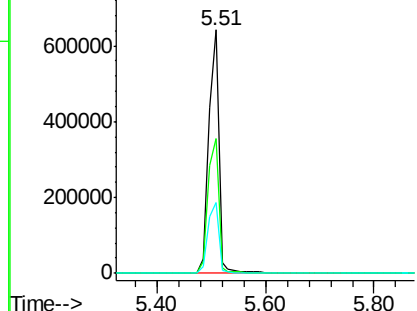
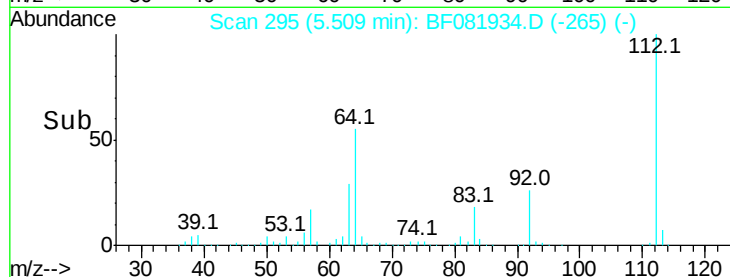
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 822872
Ion Ratio Lower Upper
112 100
64 55.3 39.7 59.5
63 28.8 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: 21.16 ng

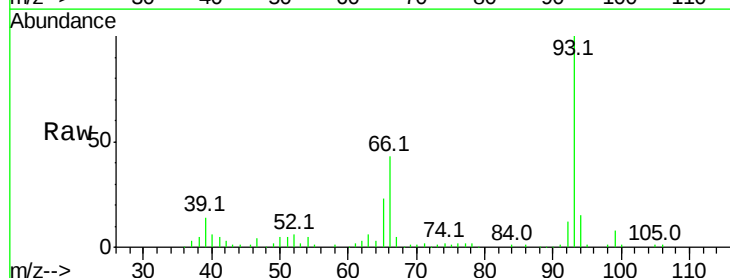
RT: 6.56 min Scan# 387

Delta R.T. 0.02 min

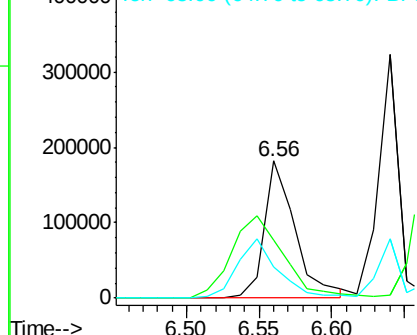
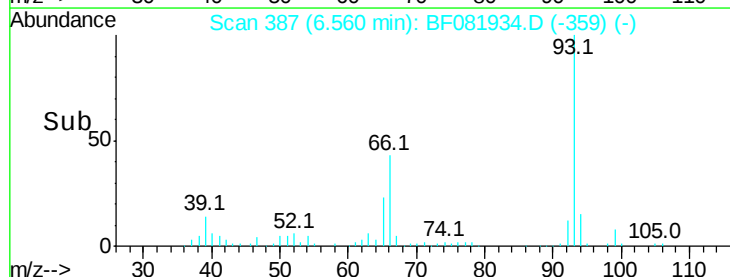
Lab File: BF081934.D

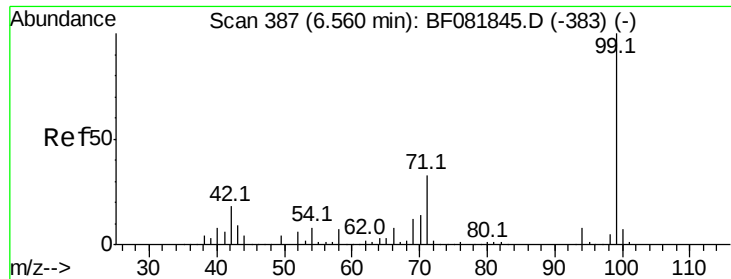
Acq: 1 Oct 2015 12:37

Tgt Ion: 93 Resp: 268824
Ion Ratio Lower Upper
93 100
66 42.6 27.2 40.8#
65 22.9 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: 109.92 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

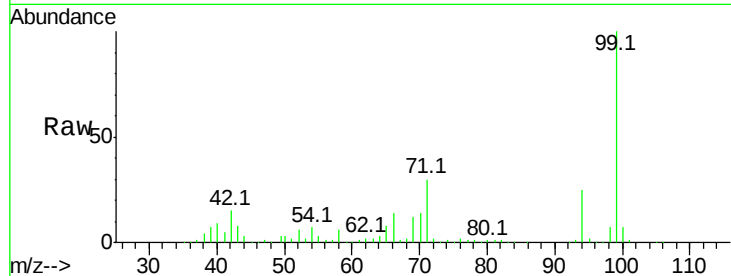
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1039456

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	30.1	14.2	21.2

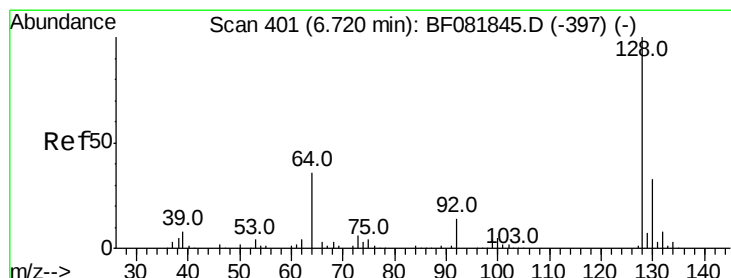
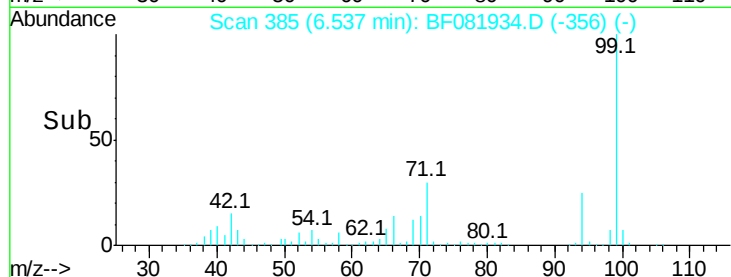
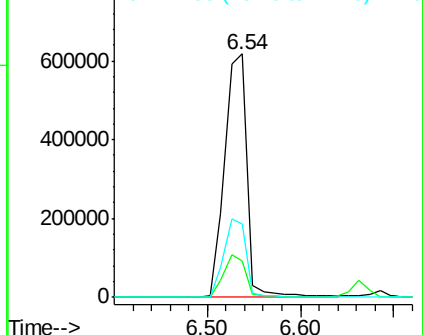


Abundance

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: 38.26 ng

RT: 6.69 min Scan# 398

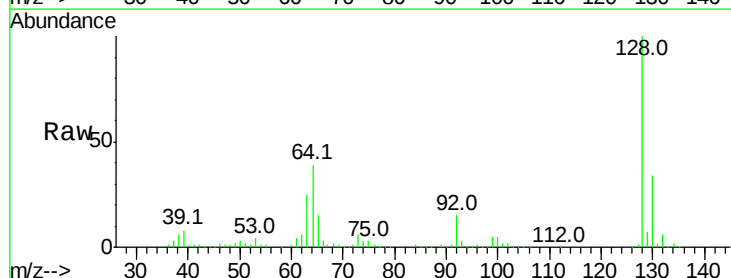
Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion: 128 Resp: 317548

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.2	52.2
64	38.8	20.5	60.5

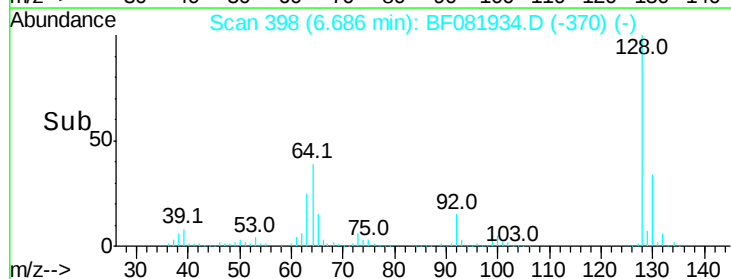
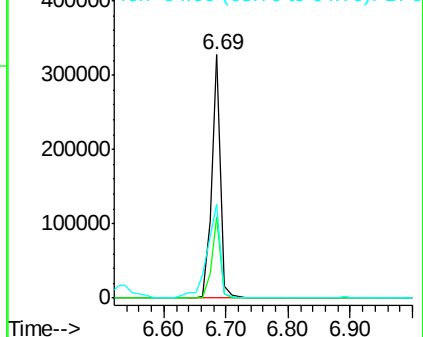


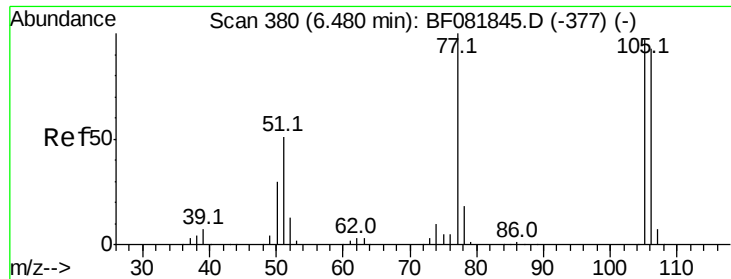
Abundance

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

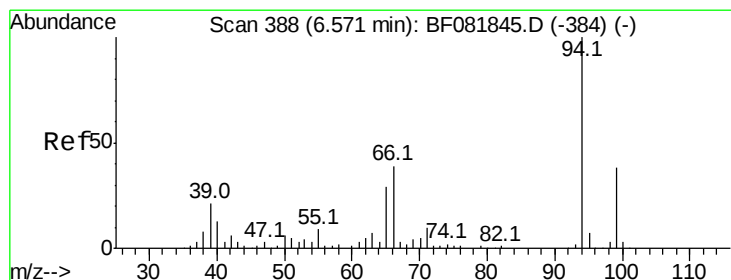
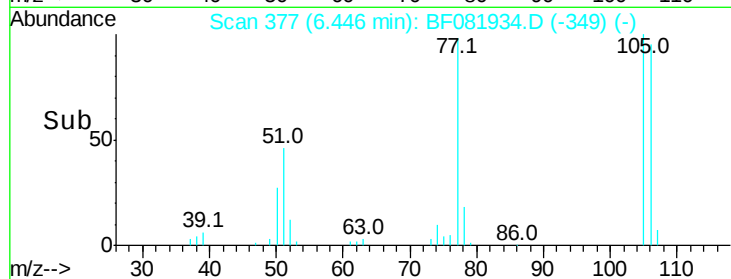
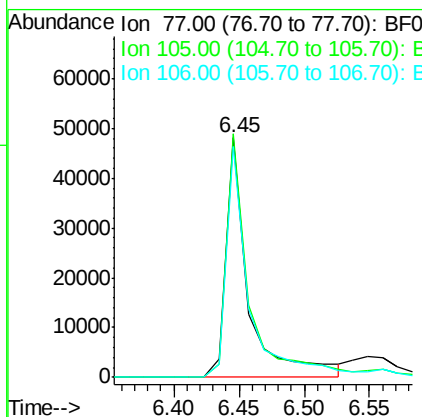
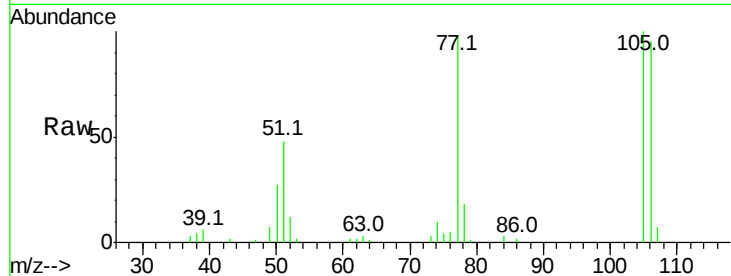




#9
Benzaldehyde
Concen: 9.48 ng
RT: 6.45 min Scan# 377
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

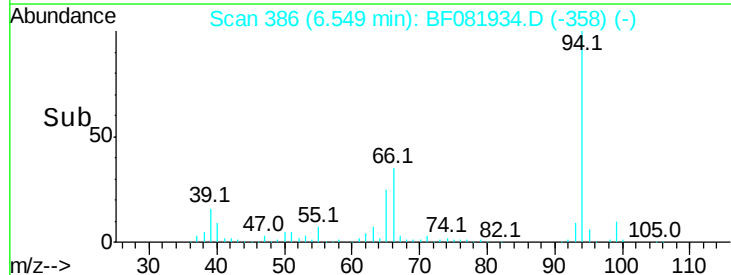
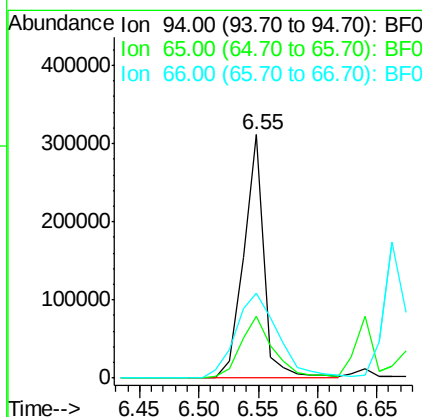
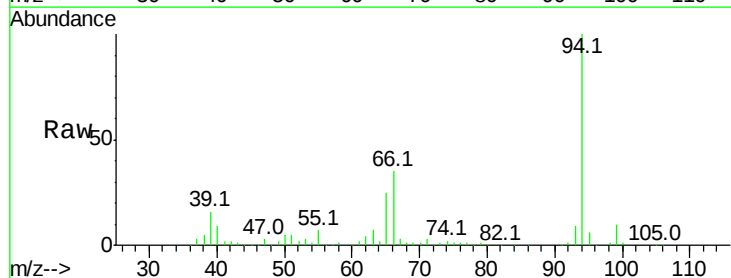
Instrument :
BNA_F
ClientSampleId :

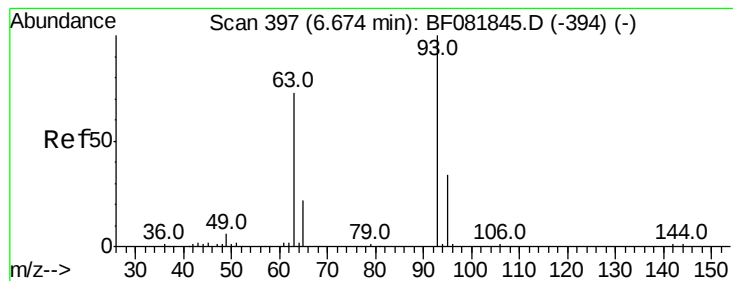
Tot Ion: 77 Resp: 58679
Ion Ratio Lower Upper
77 100
105 101.8 91.6 131.6
106 96.7 102.6 142.6#



#10
Phenol
Concen: 35.33 ng
RT: 6.55 min Scan# 386
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 94 Resp: 374789
Ion Ratio Lower Upper
94 100
65 25.5 0.7 40.7
66 35.0 0.8 40.8

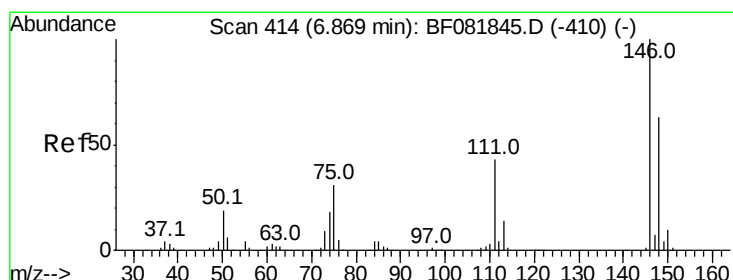
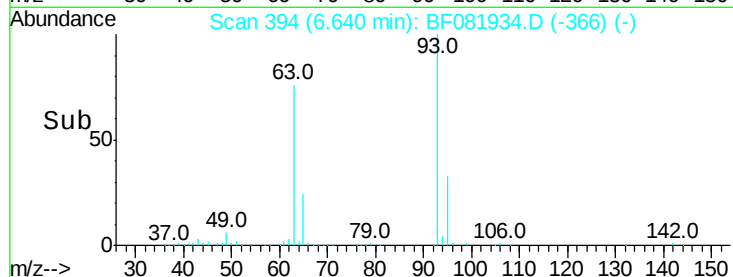
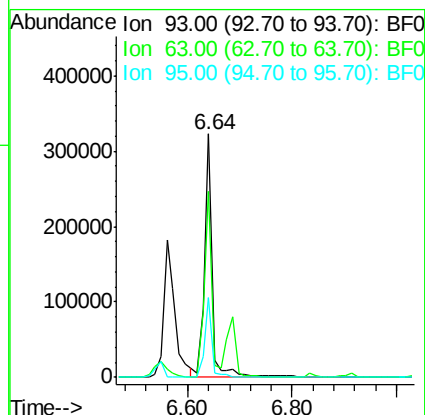
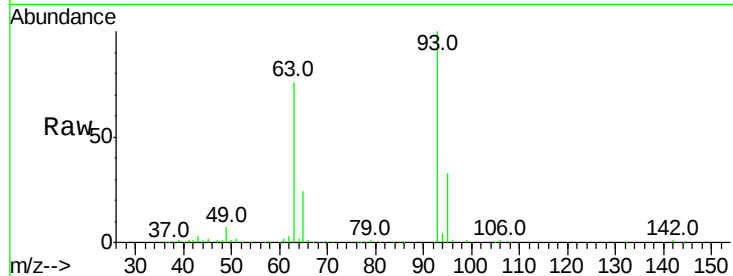




#11
bis(2-Chloroethyl)ether
Concen: 40.71 ng
RT: 6.64 min Scan# 394
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

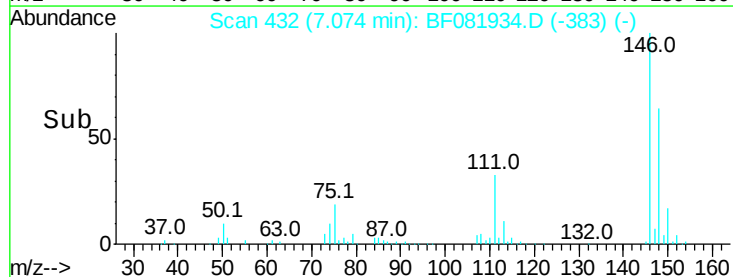
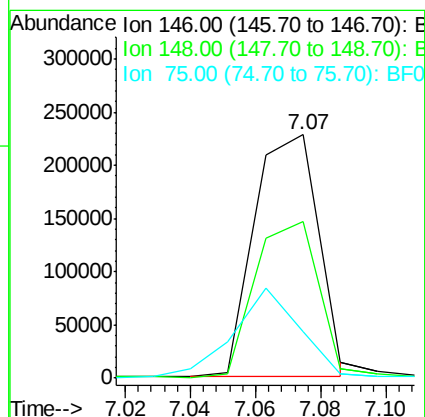
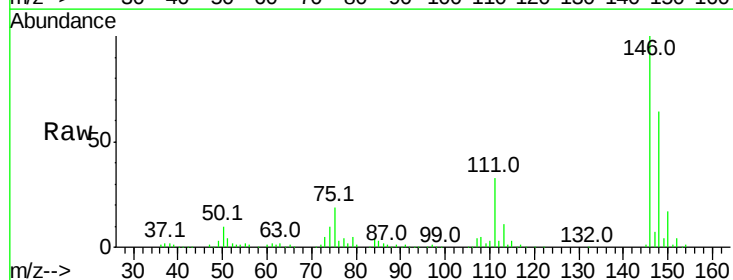
Instrument :
BNA_F
ClientSampleId :

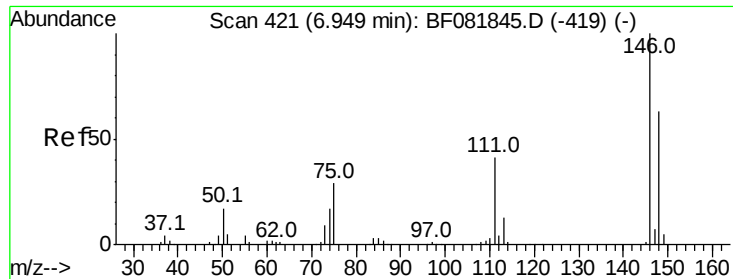
Tot Ion: 93 Resp: 334928
Ion Ratio Lower Upper
93 100
63 76.2 65.6 105.6
95 33.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 31.66 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.26 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 146 Resp: 310383
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 19.3 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 31.15 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.18 min

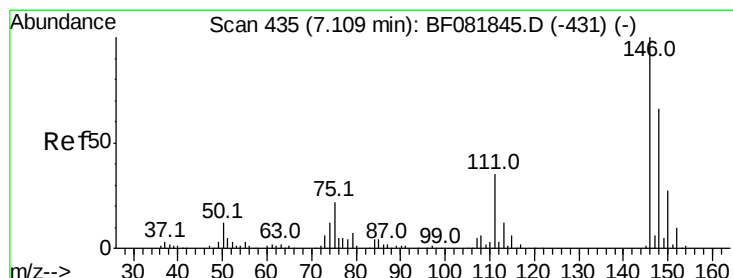
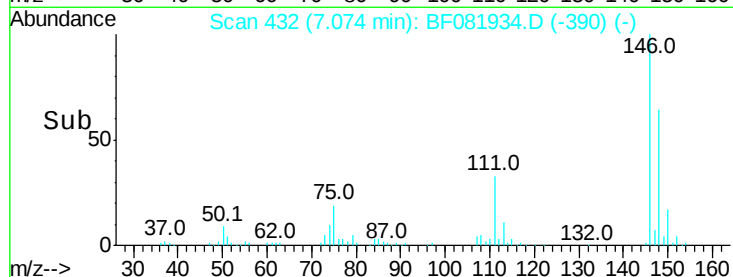
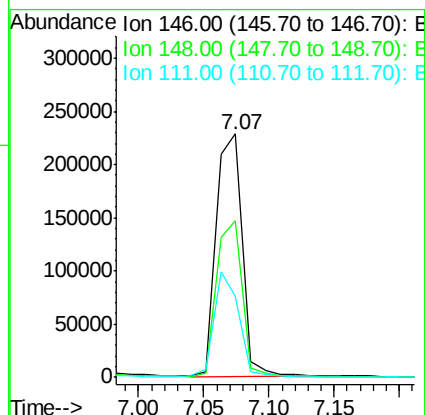
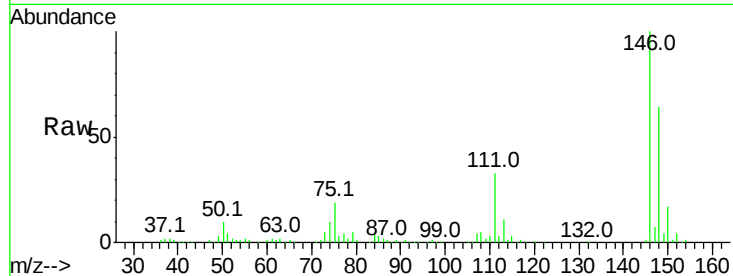
Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 318886

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	33.4	24.9	37.3



#14

1,2-Dichlorobenzene

Concen: 36.03 ng

RT: 7.07 min Scan# 432

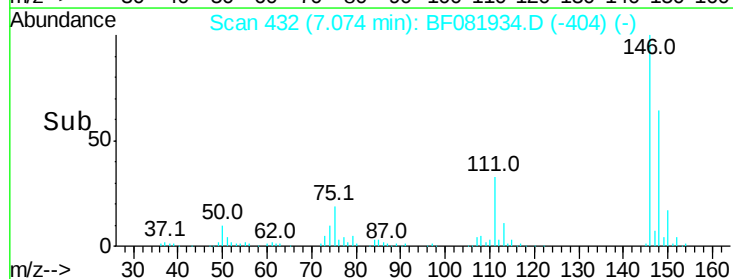
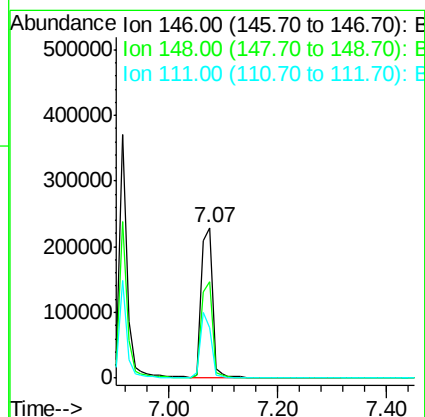
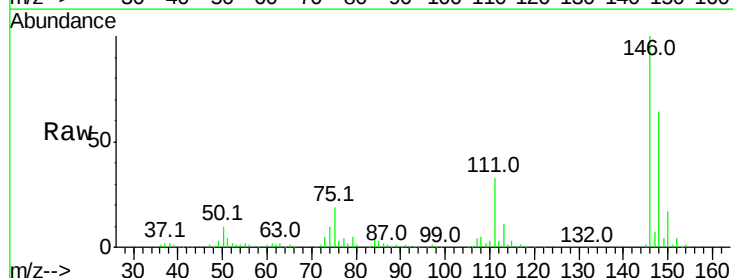
Delta R.T. 0.02 min

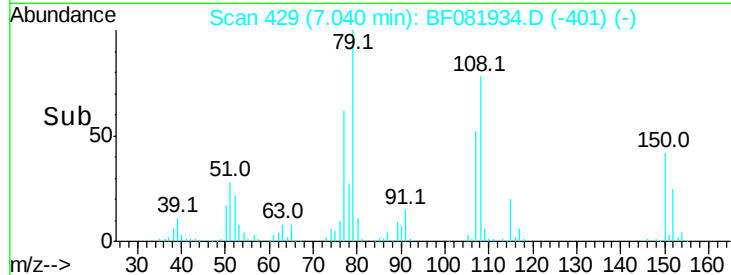
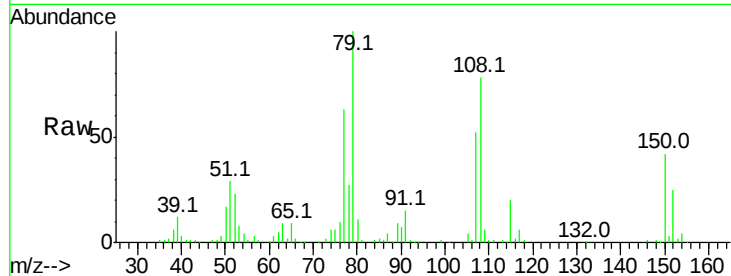
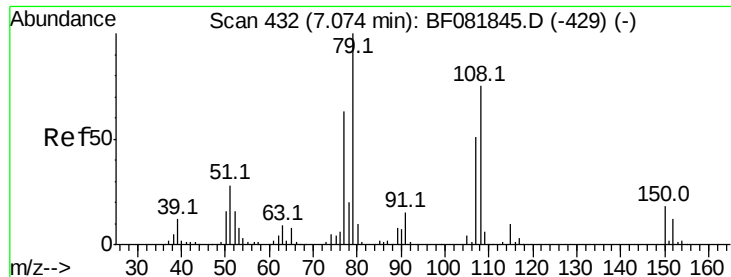
Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:146 Resp: 328600

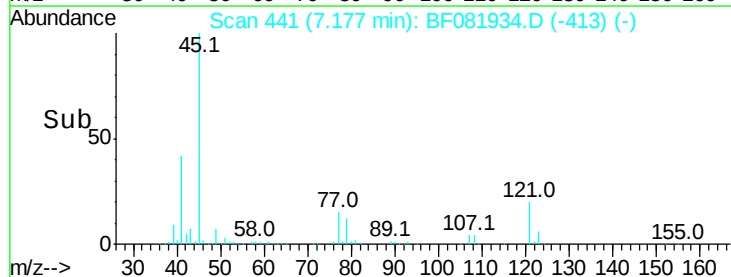
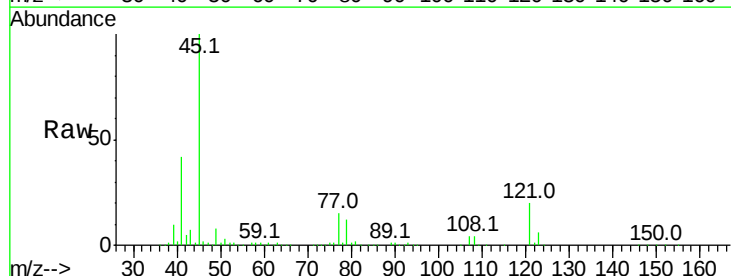
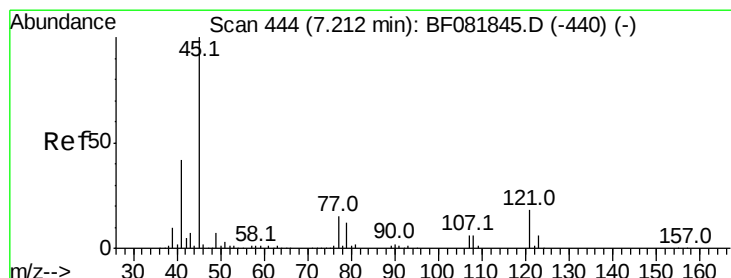
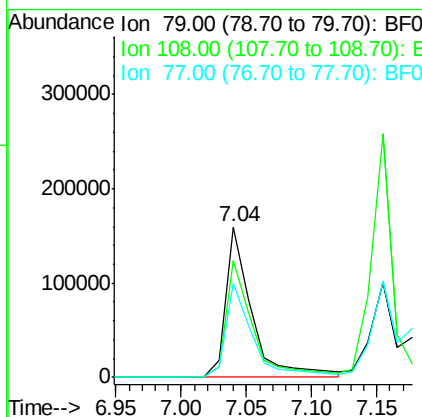
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.7	79.1
111	33.4	28.8	43.2





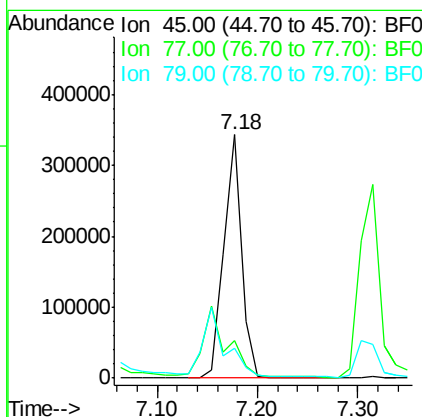
#15
Benzyl Alcohol
Concen: 32.60 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

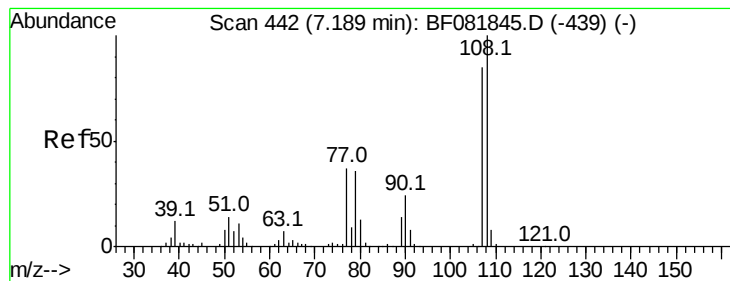
Tot Ion: 79 Resp: 222519
Ion Ratio Lower Upper
79 100
108 77.6 88.6 132.8#
77 62.7 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.29 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 45 Resp: 421987
Ion Ratio Lower Upper
45 100
77 15.3 0.0 28.1
79 12.4 0.0 26.0





#17

2-Methylphenol

Concen: 37.78 ng

RT: 7.15 min Scan# 439

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 254228

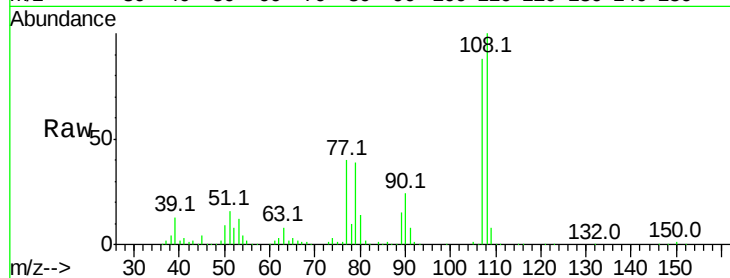
Ion Ratio Lower Upper

107 100

108 113.8 96.6 145.0

77 45.2 23.3 34.9#

79 44.3 22.0 33.0#

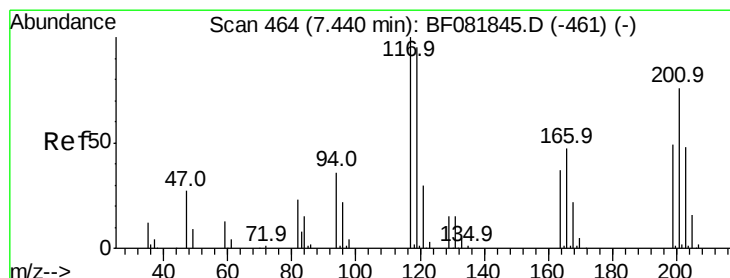
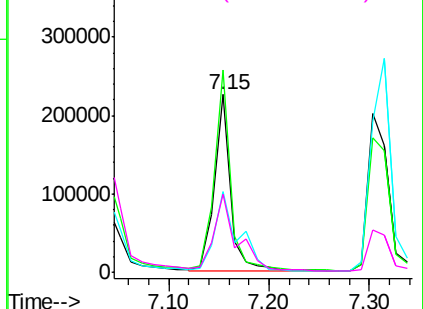
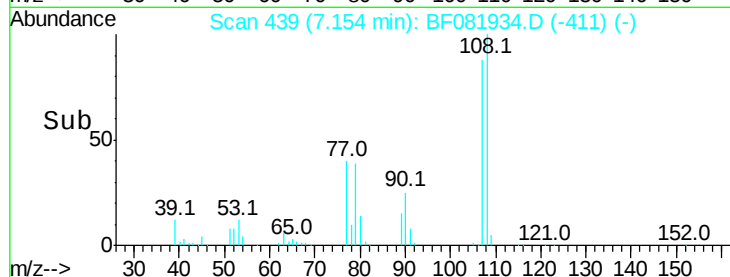


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.54 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

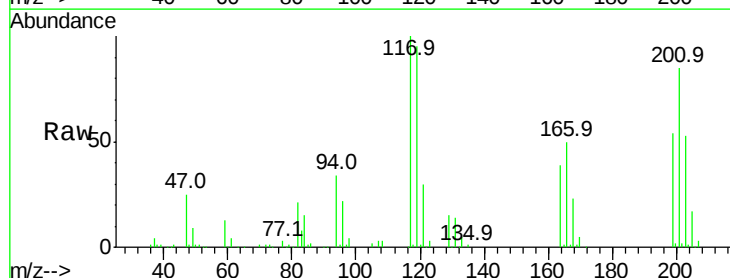
Tgt Ion:117 Resp: 120282

Ion Ratio Lower Upper

117 100

119 95.2 83.8 125.6

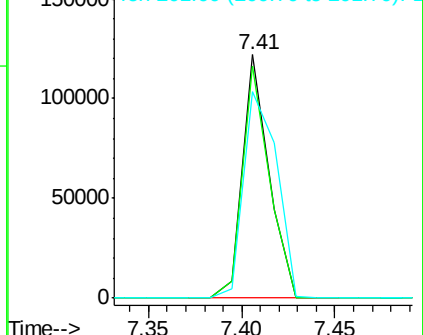
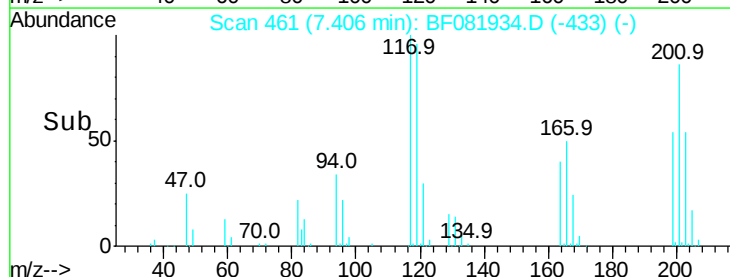
201 84.9 55.1 82.7#

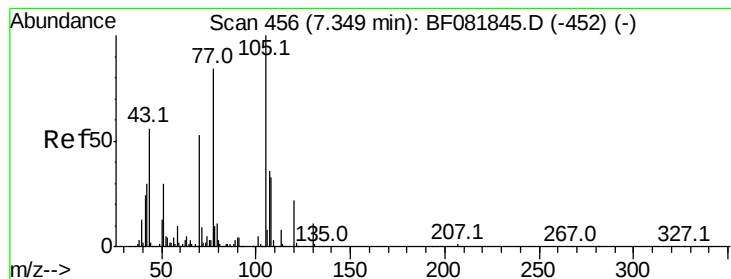


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.40 ng

RT: 7.31 min Scan# 453

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 203488

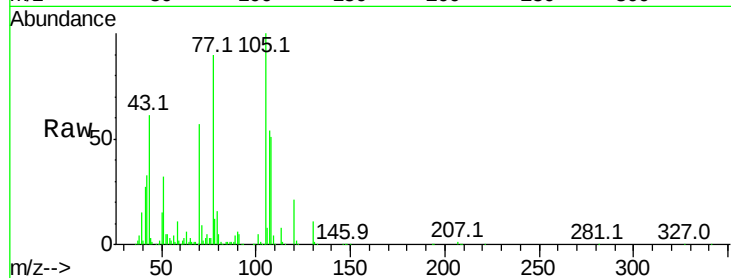
Ion Ratio Lower Upper

70 100

42 58.4 63.8 95.6#

101 9.3 9.2 13.8

130 18.9 27.3 40.9#



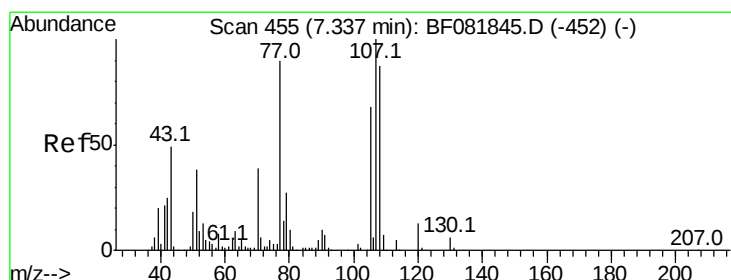
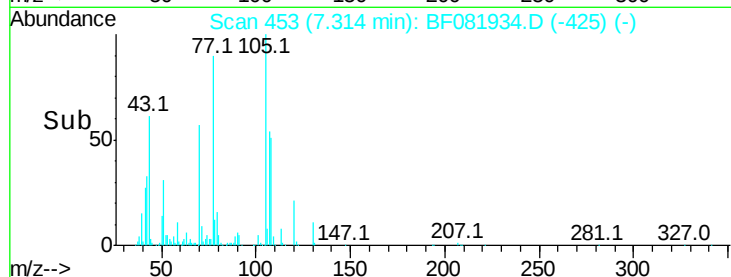
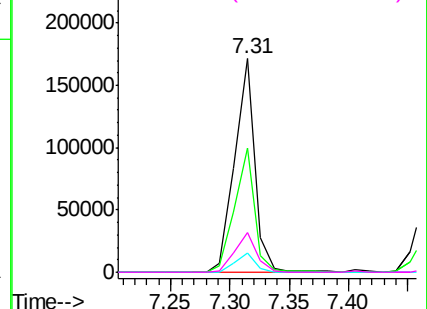
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 34.47 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:107 Resp: 292984

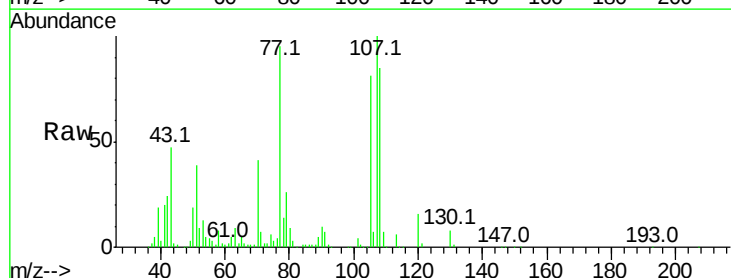
Ion Ratio Lower Upper

107 100

108 85.0 74.6 114.6

77 95.5 0.7 40.7#

79 26.3 0.0 38.9



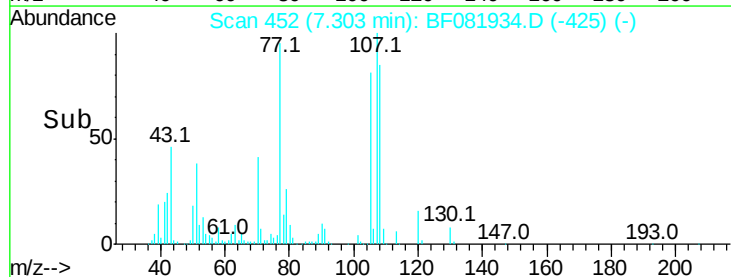
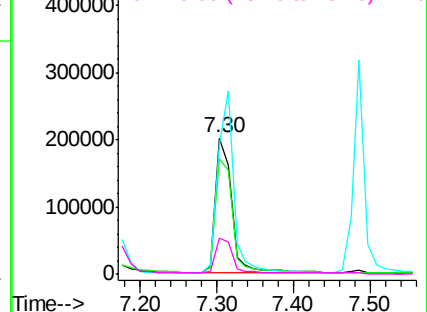
Abundance

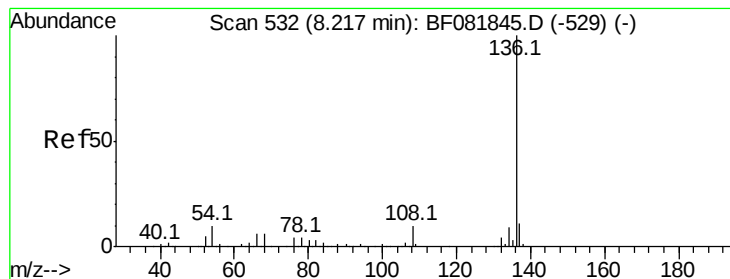
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 523028

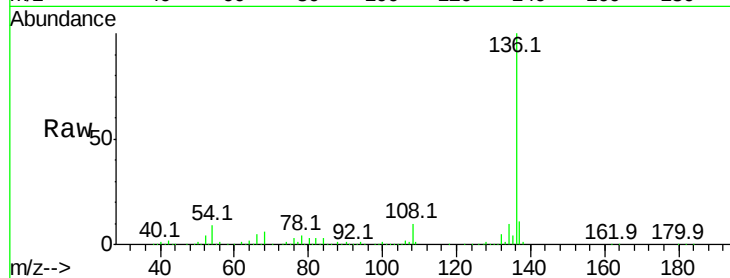
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.5 8.2 12.2

68 6.0 5.8 8.6

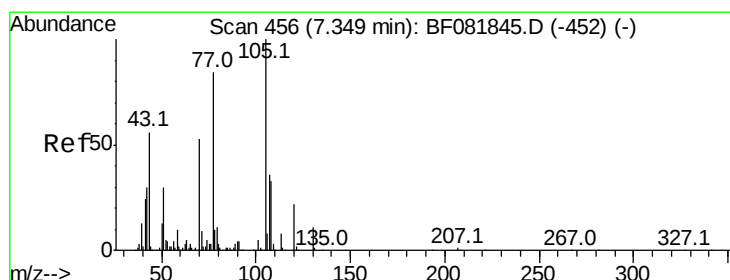
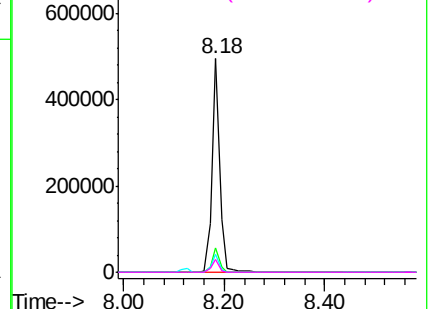
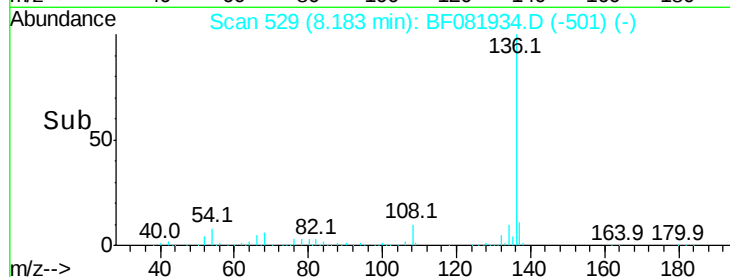


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.53 ng

RT: 7.31 min Scan# 453

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:105 Resp: 412085

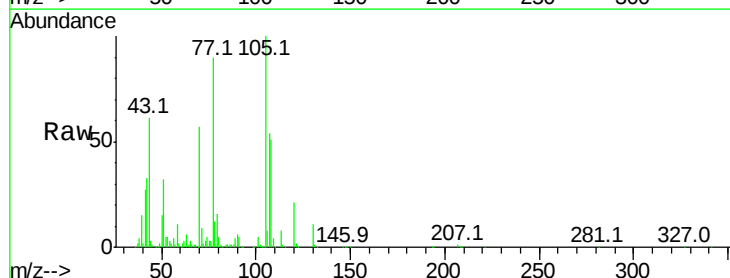
Ion Ratio Lower Upper

105 100

71 9.5 4.7 7.1#

51 31.7 22.0 33.0

120 21.4 30.1 45.1#

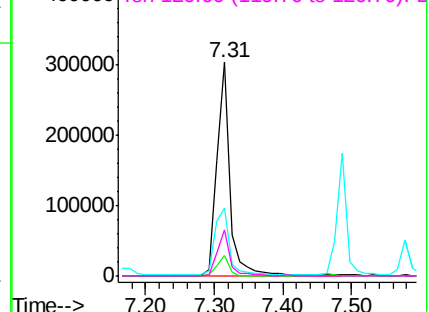
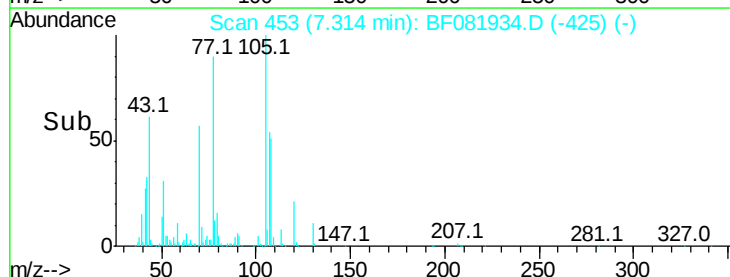


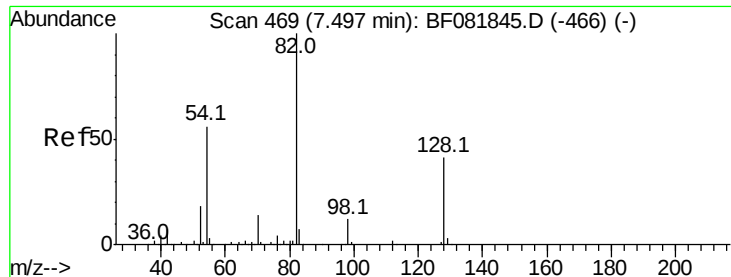
Abundance Ion 105.00 (104.70 to 105.70): E

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

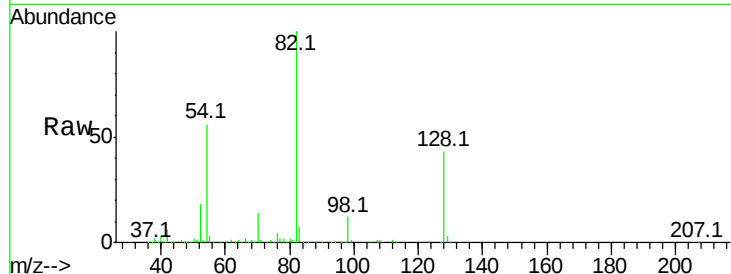




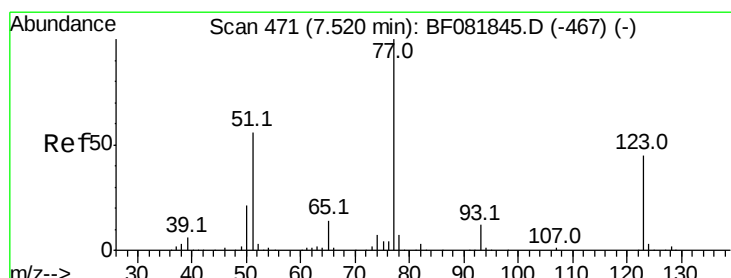
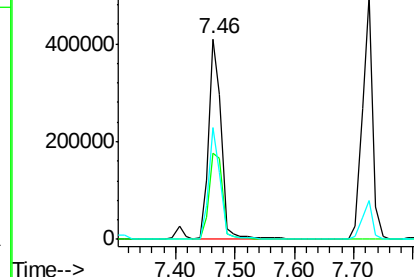
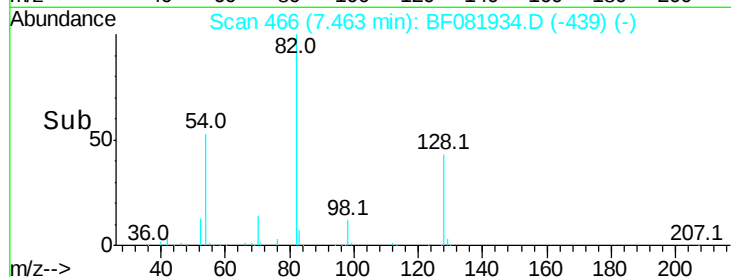
#23
 Nitrobenzene-d5
 Concen: 79.13 ng
 RT: 7.46 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 620908
 Ion Ratio Lower Upper
 82 100
 128 43.1 51.0 76.6#
 54 55.6 47.5 71.3

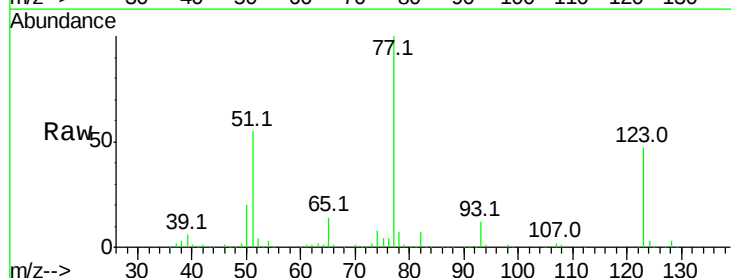


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

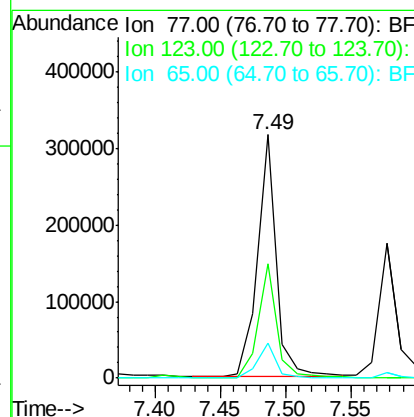
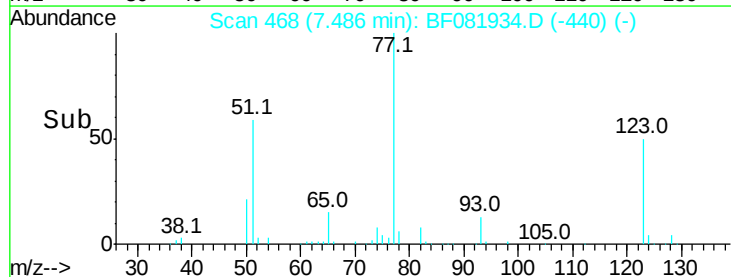


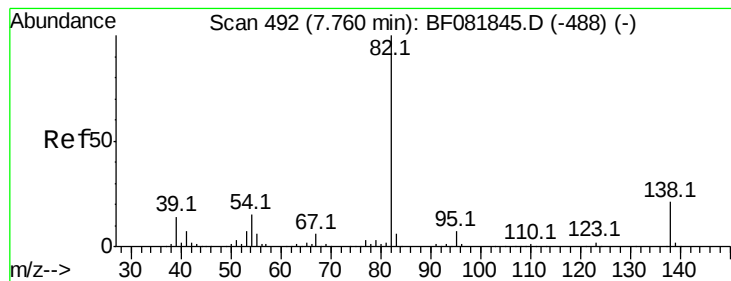
#24
 Nitrobenzene
 Concen: 37.49 ng
 RT: 7.49 min Scan# 468
 Delta R.T. 0.02 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion: 77 Resp: 319398
 Ion Ratio Lower Upper
 77 100
 123 46.8 59.8 89.8#
 65 14.1 10.2 15.4



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





#25

Isophorone

Concen: 37.98 ng

RT: 7.73 min Scan# 489

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

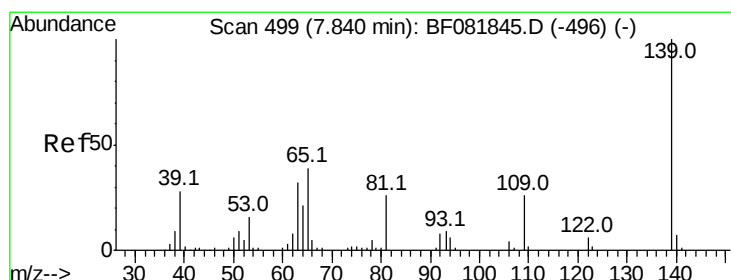
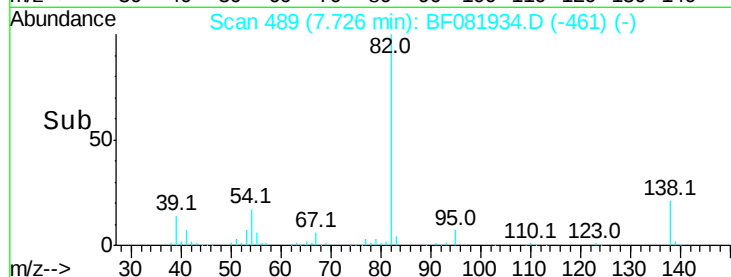
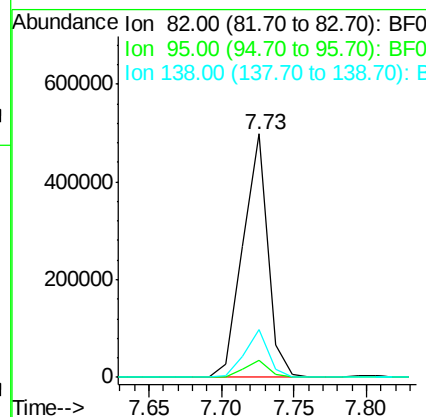
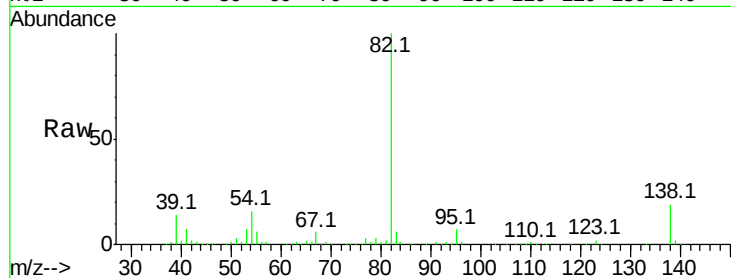
Tot Ion: 82 Resp: 590713

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 19.5 18.3 27.5



#26

2-Nitrophenol

Concen: 43.04 ng

RT: 7.81 min Scan# 496

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

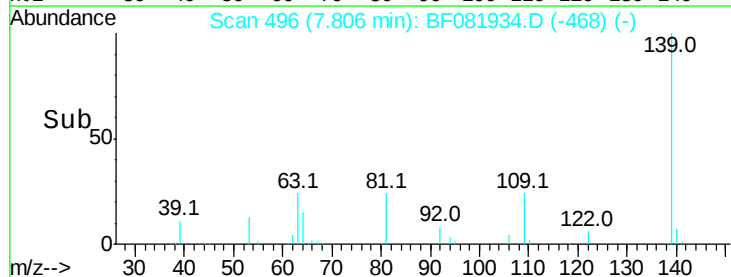
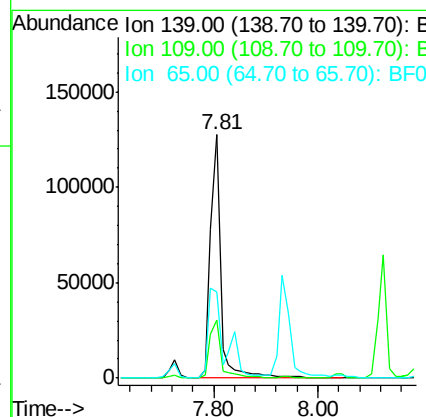
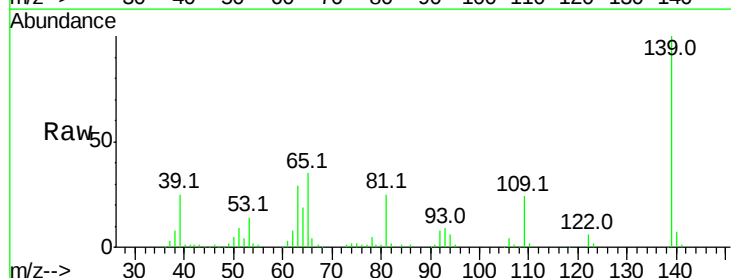
Tgt Ion: 139 Resp: 176038

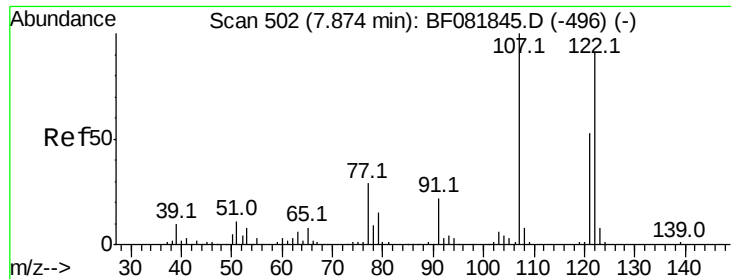
Ion Ratio Lower Upper

139 100

109 24.0 11.0 16.4#

65 35.5 24.7 37.1

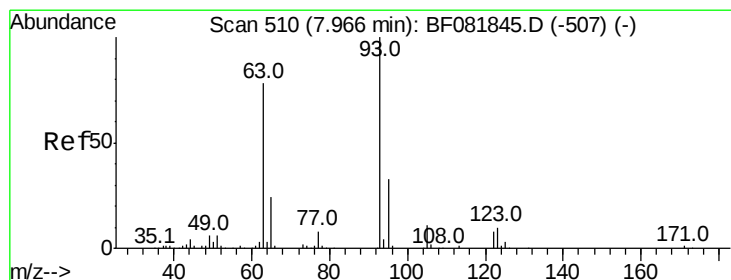
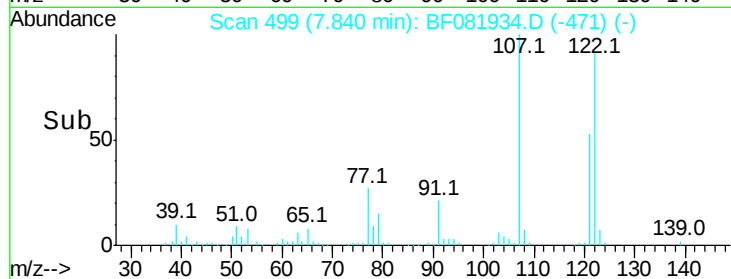
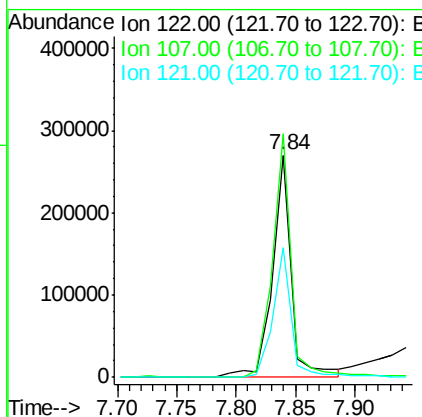
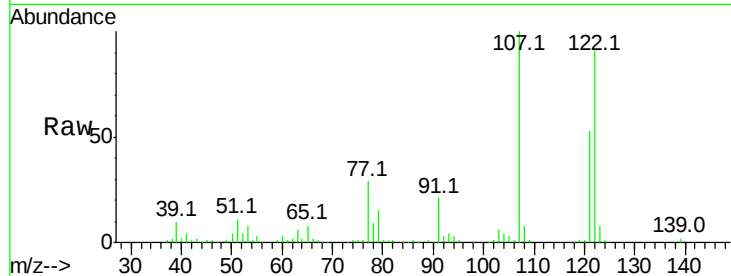




#27
2,4-Dimethylphenol
Concen: 41.96 ng
RT: 7.84 min Scan# 499
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

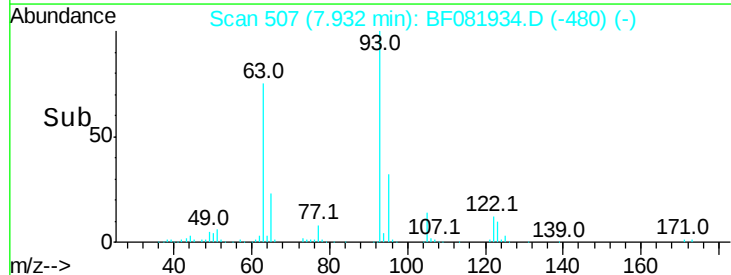
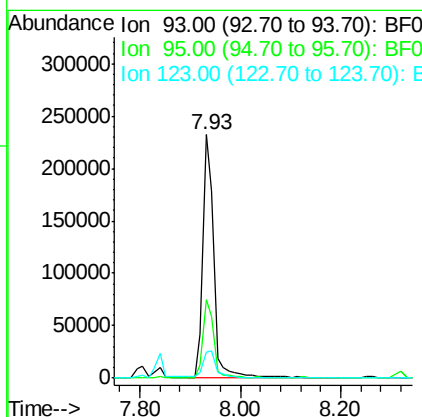
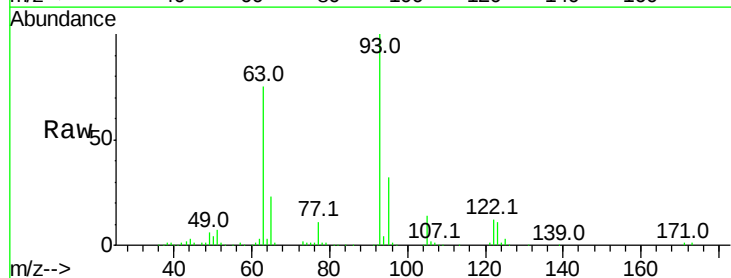
Instrument :
BNA_F
ClientSampleId :

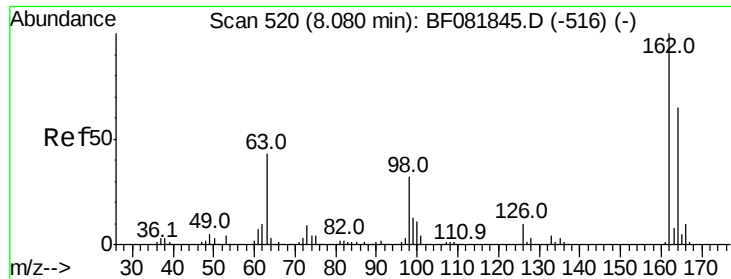
Tot Ion:122 Resp: 301901
Ion Ratio Lower Upper
122 100
107 109.7 71.8 107.6#
121 58.3 42.3 63.5



#28
bis(2-Chloroethoxy)methane
Concen: 37.83 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 93 Resp: 349324
Ion Ratio Lower Upper
93 100
95 32.2 27.5 41.3
123 10.7 13.7 20.5#

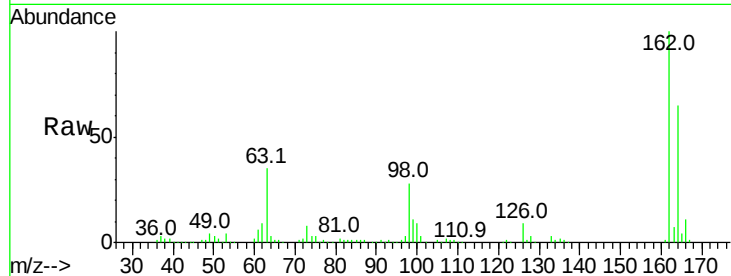




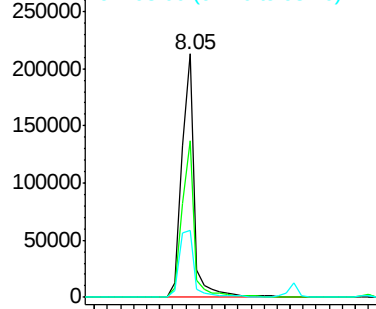
#29
 2,4-Dichlorophenol
 Concen: 41.30 ng
 RT: 8.05 min Scan# 517
 Delta R.T. 0.02 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :

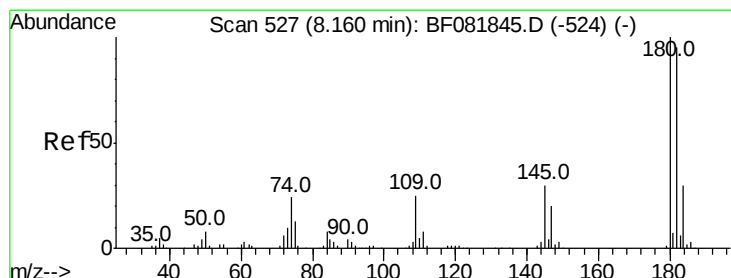
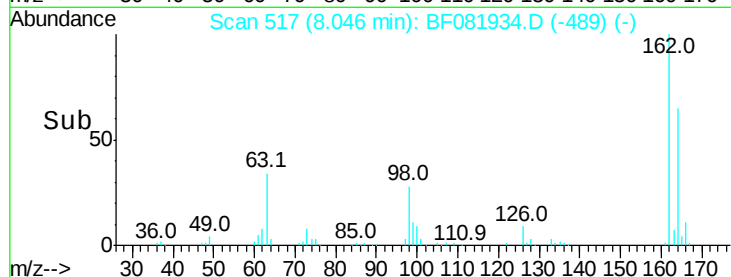
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	27.7	13.0	53.0



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

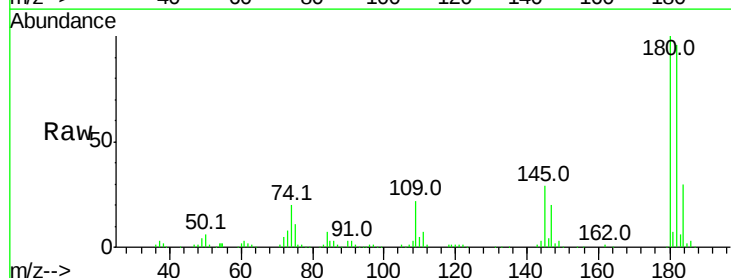


Time--> 7.90 8.00 8.10 8.20 8.30

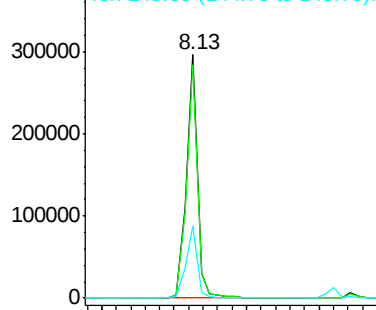


#30
 1,2,4-Trichlorobenzene
 Concen: 40.24 ng
 RT: 8.13 min Scan# 524
 Delta R.T. 0.02 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

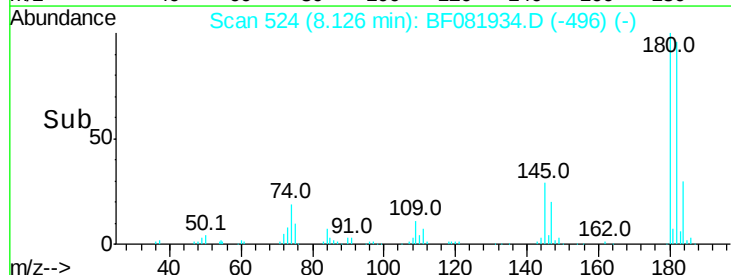
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.1	115.7
145	29.4	23.3	34.9

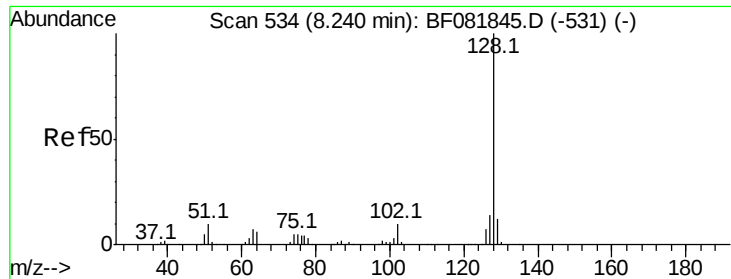


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time--> 8.00 8.10 8.20 8.30

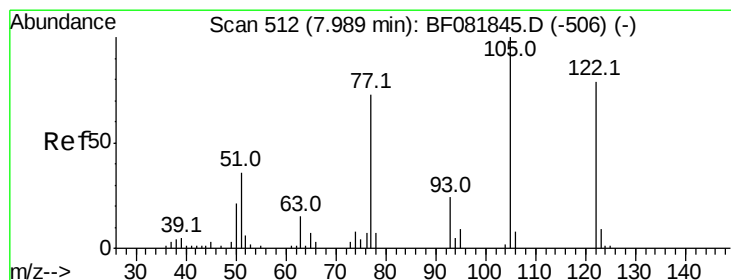
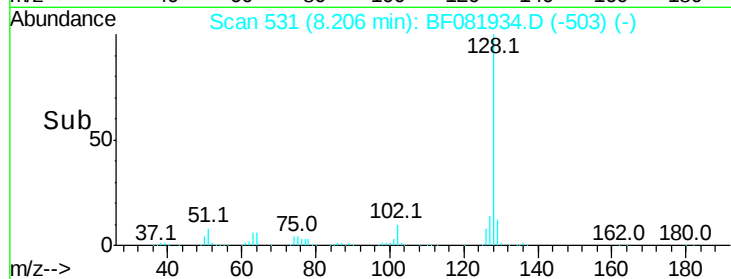
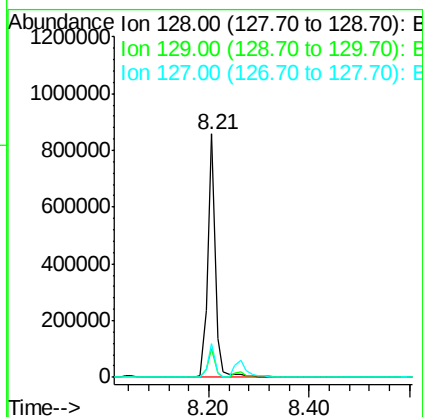
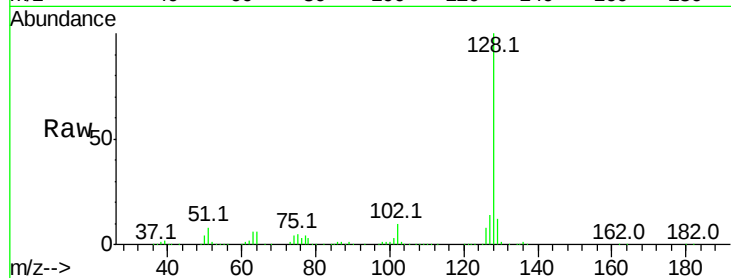




#31
Naphthalene
Concen: 38.90 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

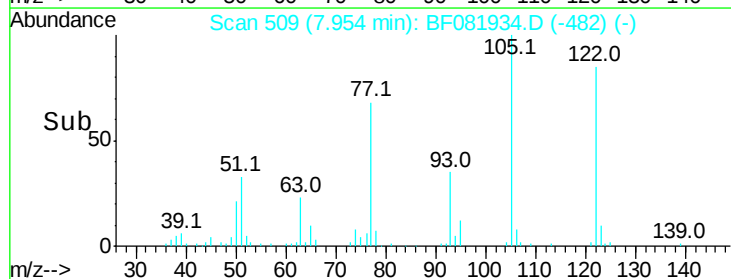
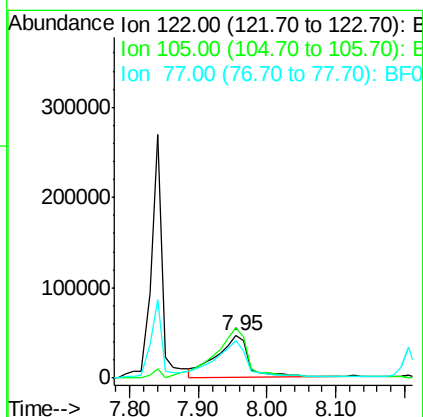
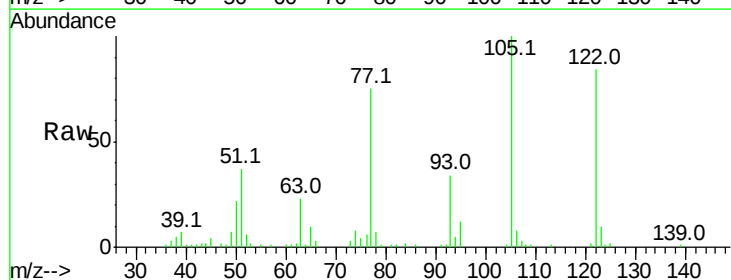
Instrument :
BNA_F
ClientSampleId :

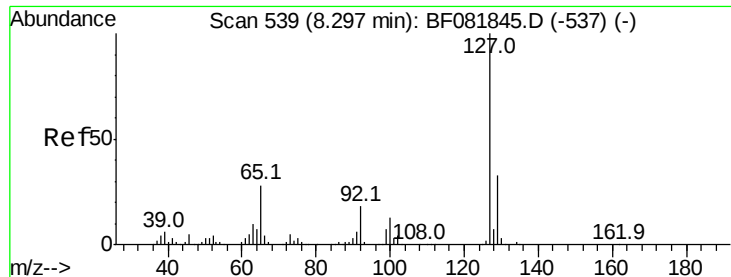
Tot Ion:128 Resp: 901469
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.7 9.9 14.9



#32
Benzoic acid
Concen: 37.84 ng
RT: 7.95 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion:122 Resp: 154949
Ion Ratio Lower Upper
122 100
105 118.6 76.1 116.1#
77 88.8 40.5 80.5#

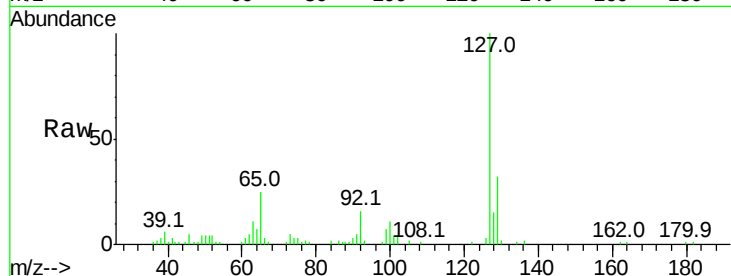




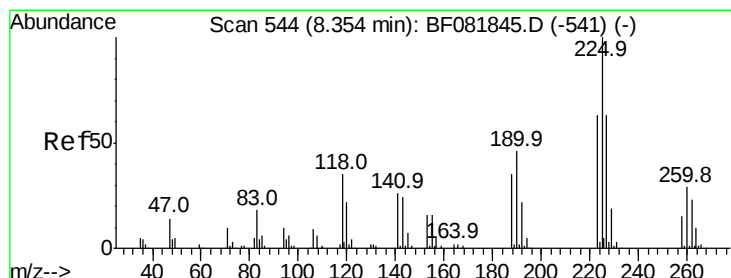
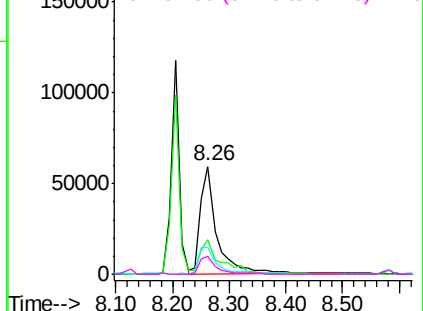
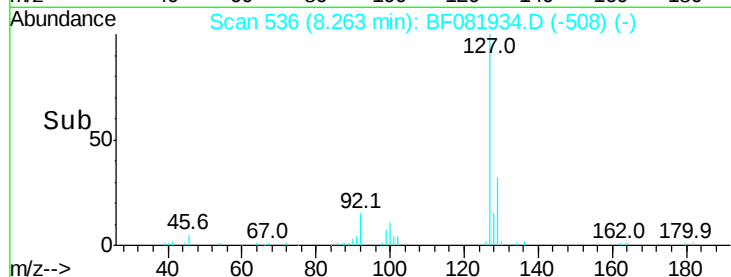
#33
4-Chloroaniline
Concen: 11.68 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 117051
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 25.3 17.9 26.9
92 16.2 10.5 15.7#

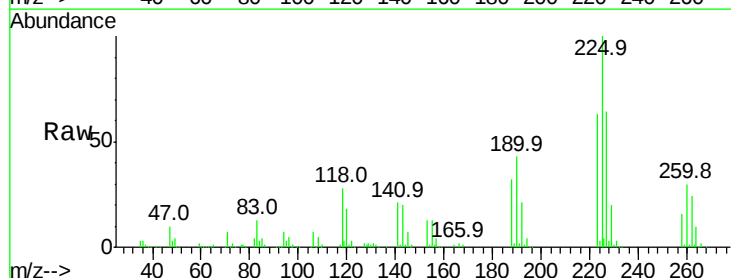


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

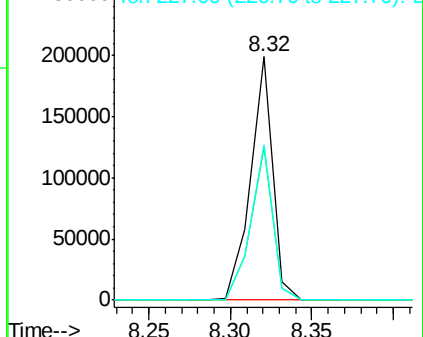
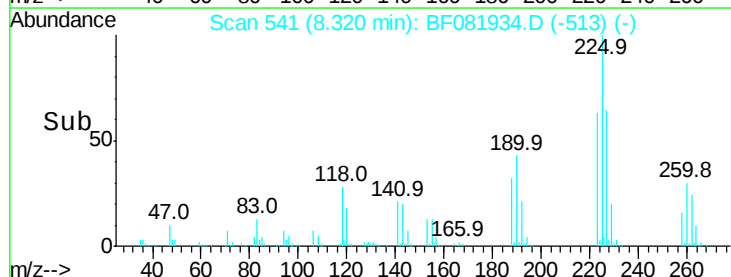


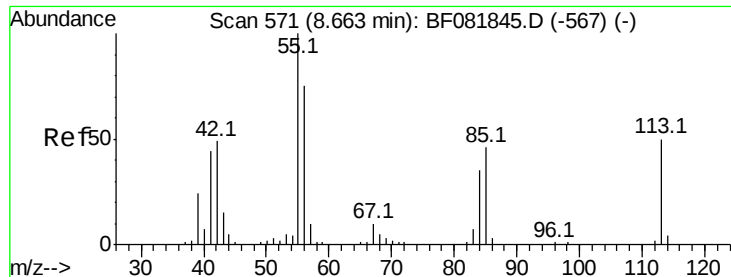
#34
Hexachlorobutadiene
Concen: 40.74 ng
RT: 8.32 min Scan# 541
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion:225 Resp: 187652
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.8 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





#35

Caprolactam

Concen: 27.10 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

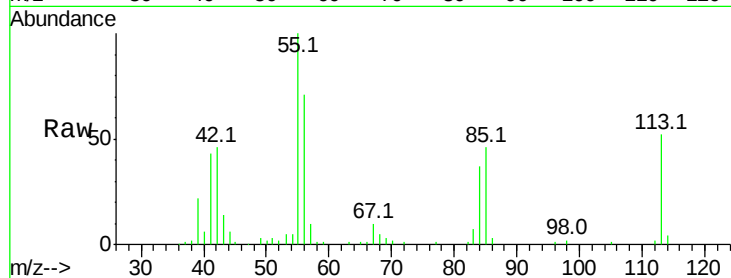
Tot Ion:113 Resp: 52338

Ion Ratio Lower Upper

113 100

55 193.9 152.4 192.4#

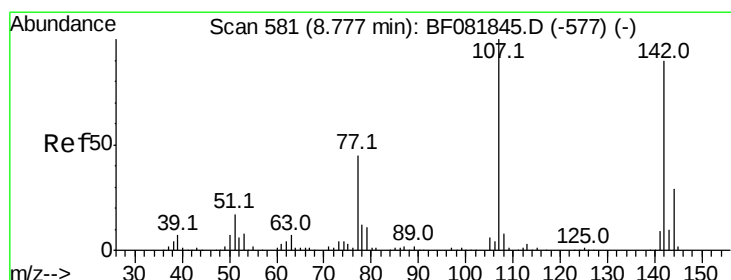
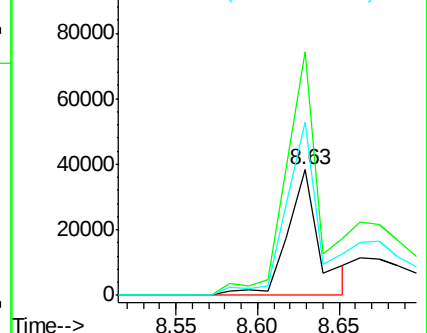
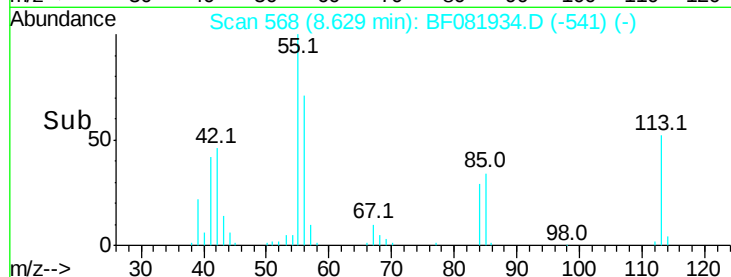
56 138.1 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.38 ng

RT: 8.74 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

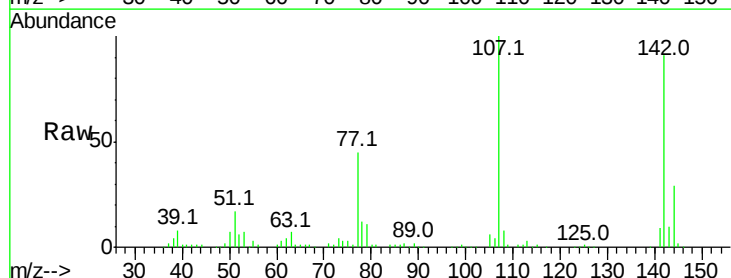
Tgt Ion:107 Resp: 289097

Ion Ratio Lower Upper

107 100

144 29.1 25.4 38.0

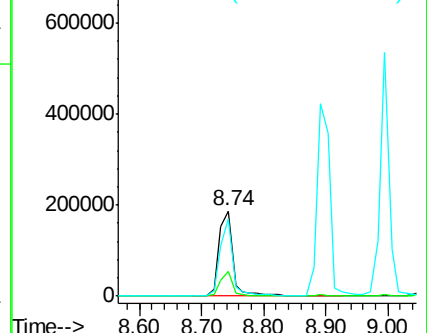
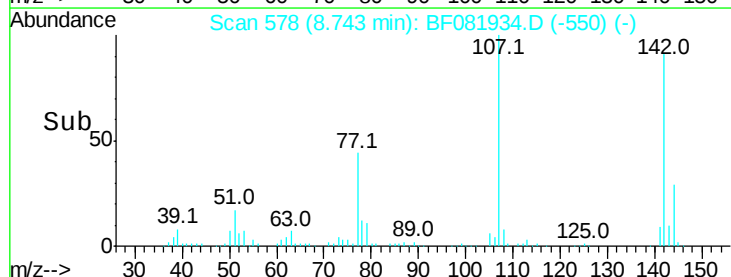
142 91.0 77.3 115.9

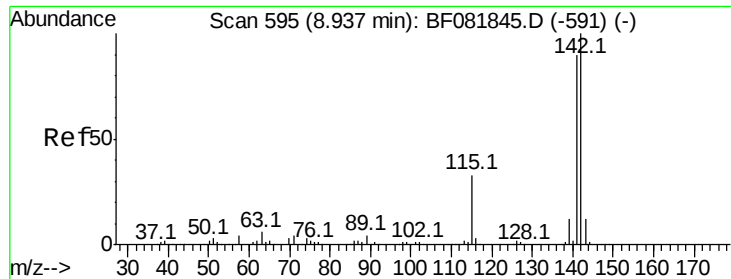


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

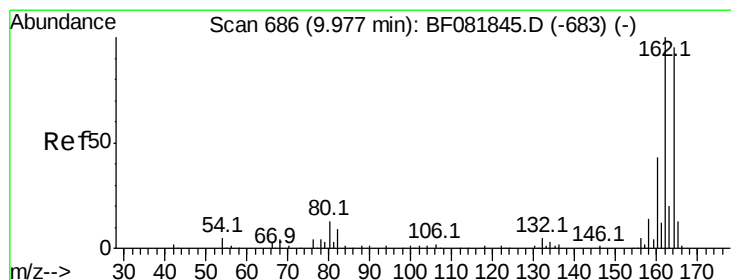
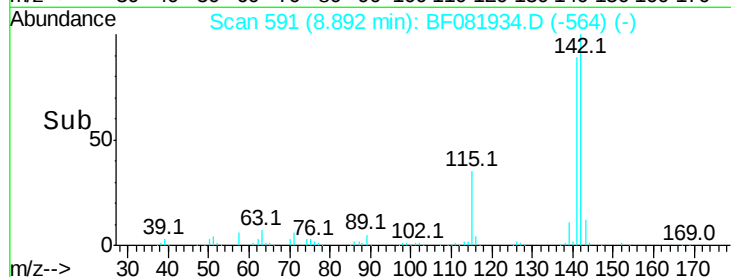
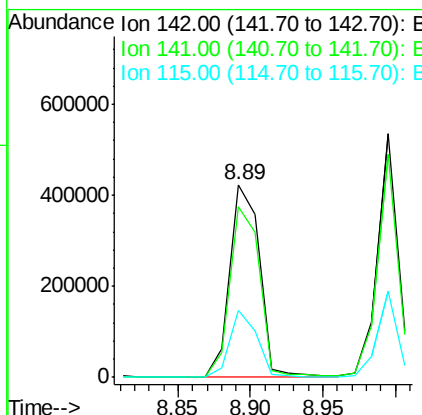
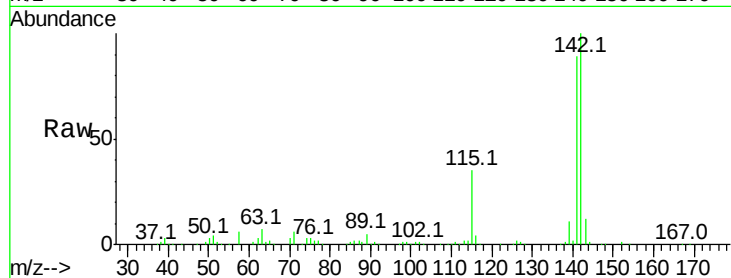




#37
2-Methylnaphthalene
Concen: 38.28 ng
RT: 8.89 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

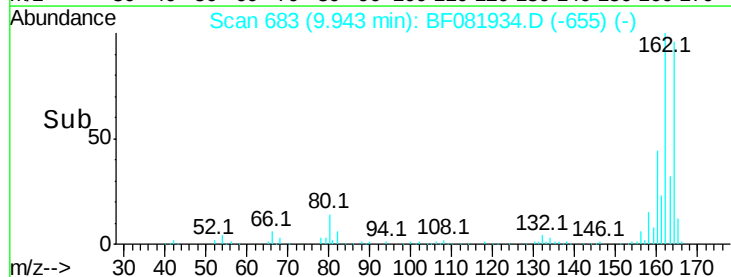
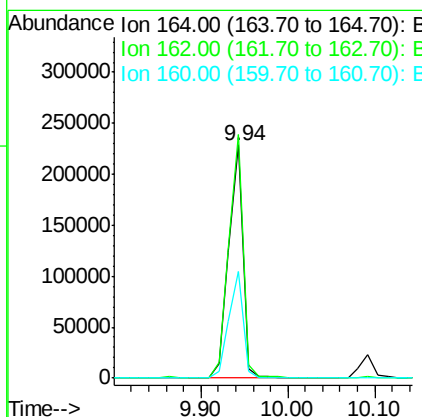
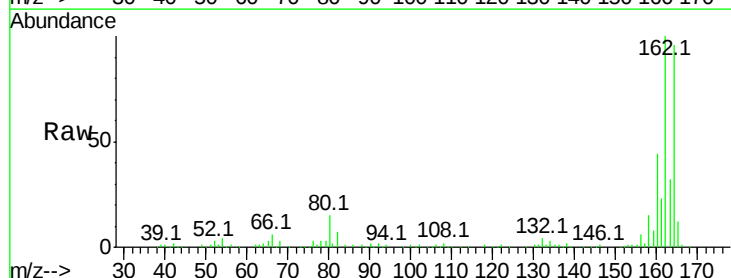
Instrument :
BNA_F
ClientSampleId :

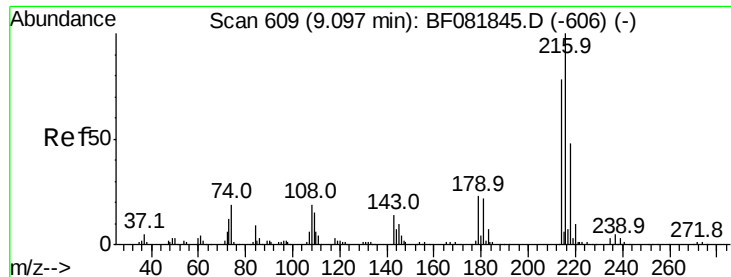
Tot Ion:142 Resp: 605523
Ion Ratio Lower Upper
142 100
141 88.7 67.5 101.3
115 34.9 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion:164 Resp: 262384
Ion Ratio Lower Upper
164 100
162 104.5 75.2 112.8
160 45.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.71 ng

RT: 9.06 min Scan# 606

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 311853

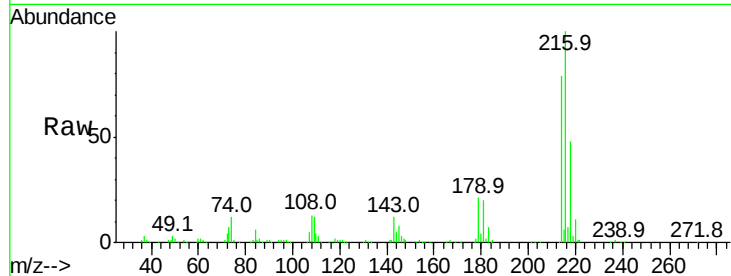
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 20.9 16.6 24.8

108 18.6 16.3 24.5

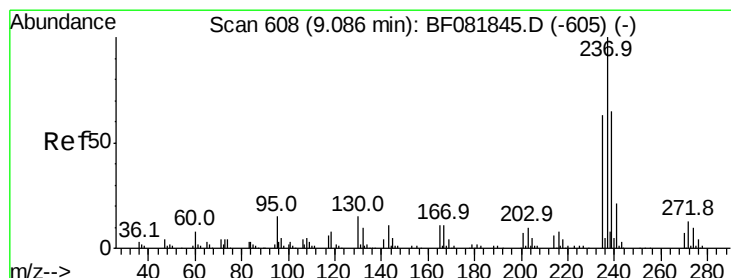
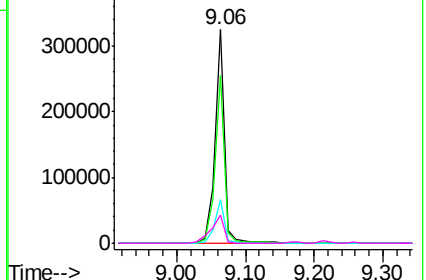
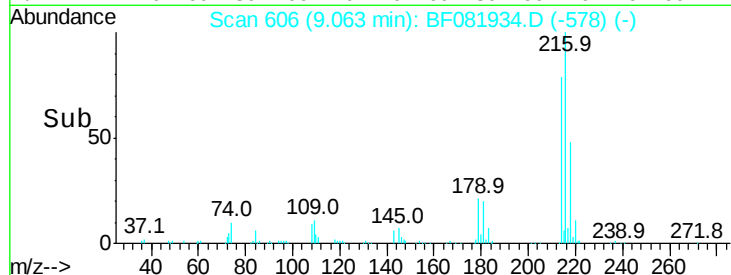


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.04 ng

RT: 9.05 min Scan# 605

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

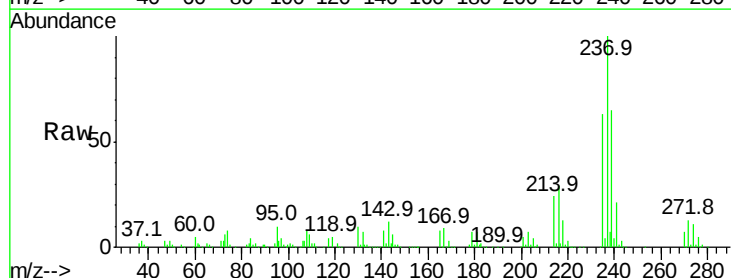
Tgt Ion:237 Resp: 361052

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

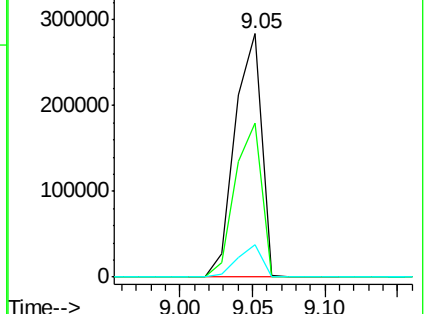
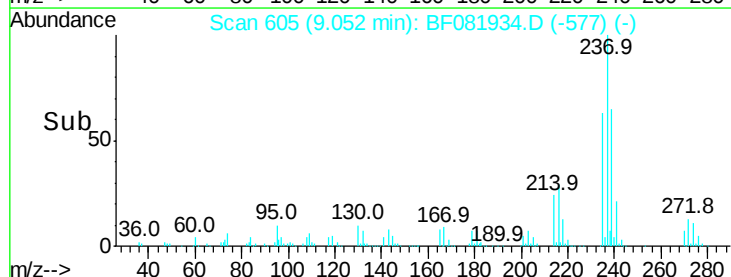
272 13.3 0.0 36.1

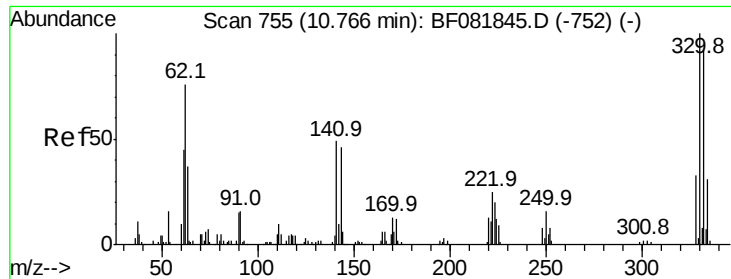


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

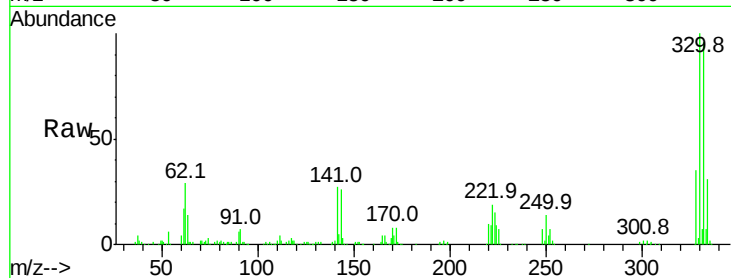




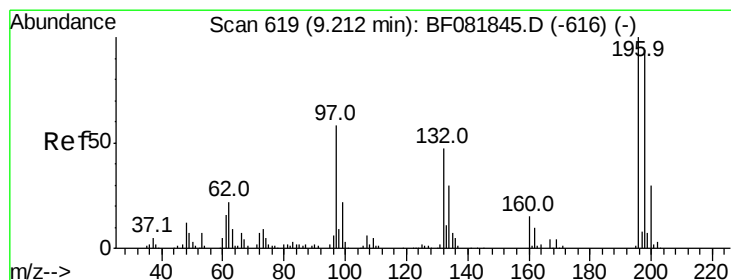
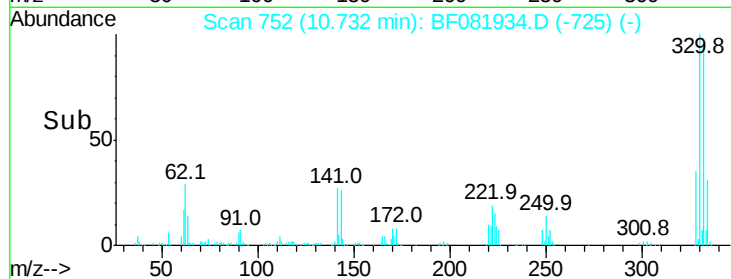
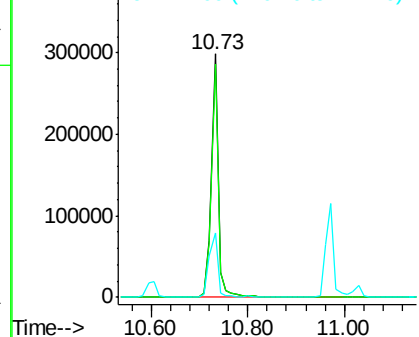
#41
 2,4,6-Tribromophenol
 Concen: 112.37 ng
 RT: 10.73 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 298601
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 33.7 29.7 44.5

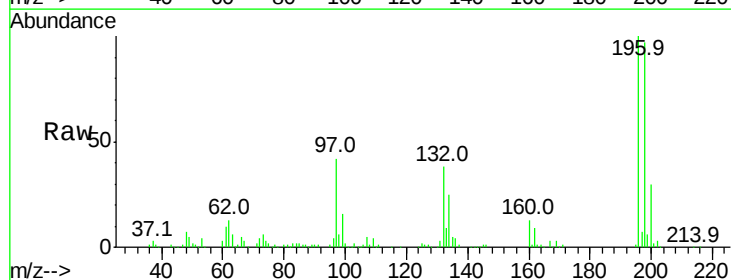


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

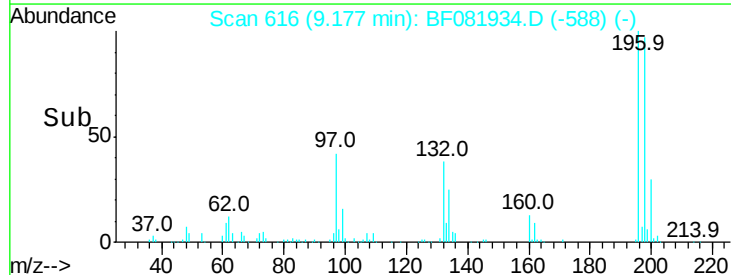
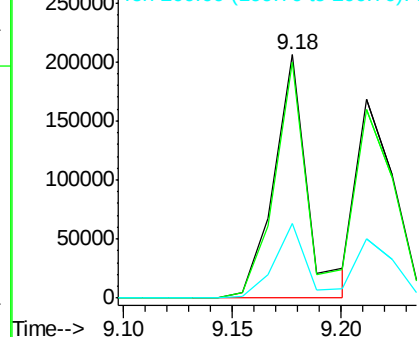


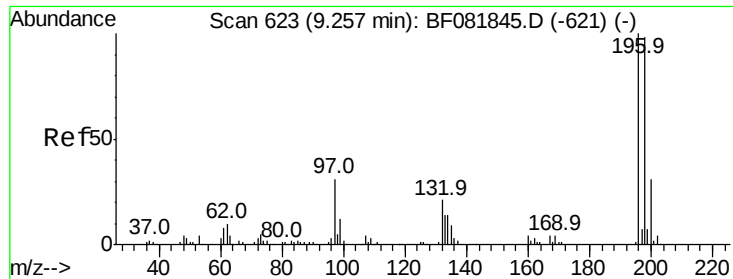
#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.02 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:196 Resp: 223146
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.7 113.5
 200 30.4 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

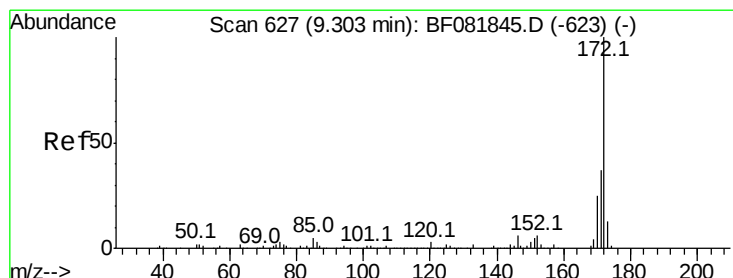
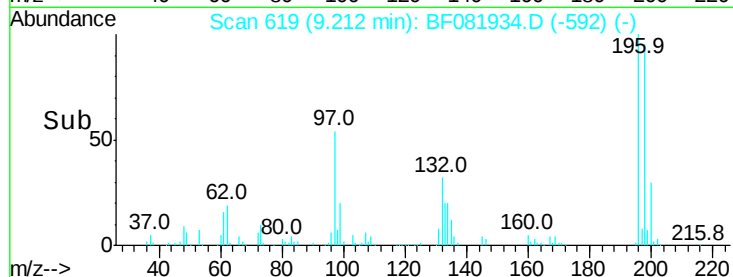
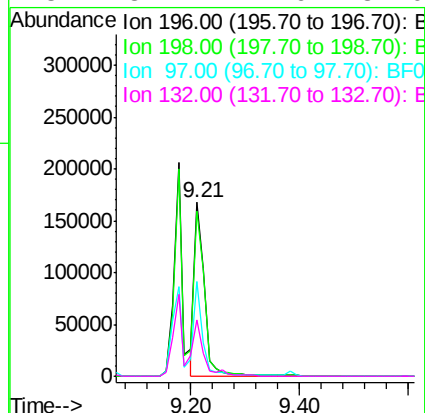
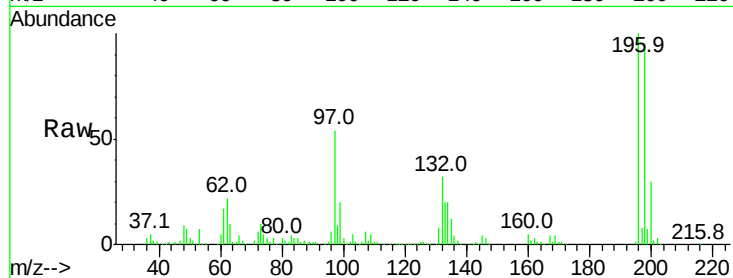




#43
 2,4,5-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

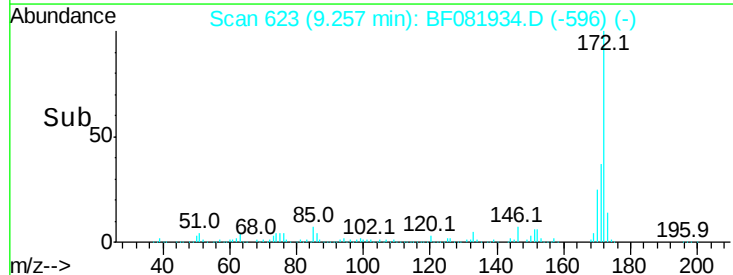
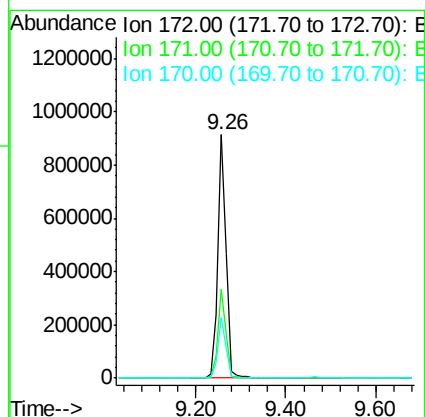
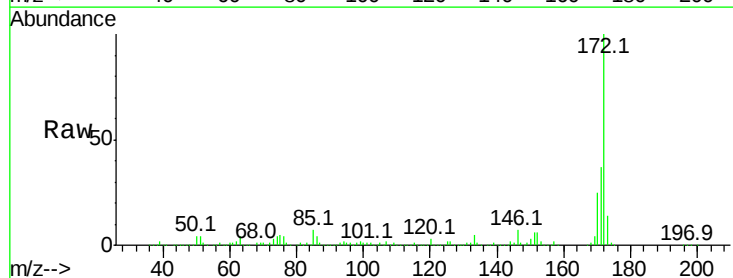
Instrument :
 BNA_F
 ClientSampleId :

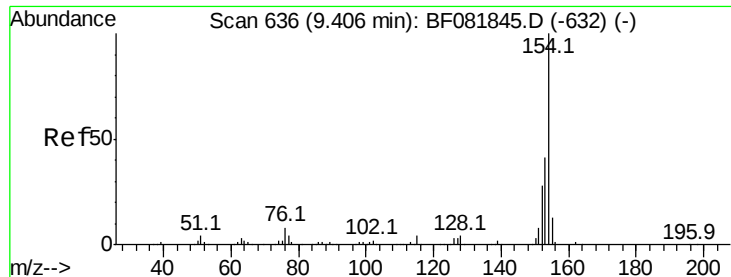
Tot Ion:	196	Resp:	219479
Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.4	113.0
97	54.3	33.3	49.9#
132	32.1	24.6	37.0



#44
 2-Fluorobiphenyl
 Concen: 72.39 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:	172	Resp:	1168263
Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.1	39.1
170	24.9	17.4	26.2





#45

1,1'-Biphenyl

Concen: 36.81 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

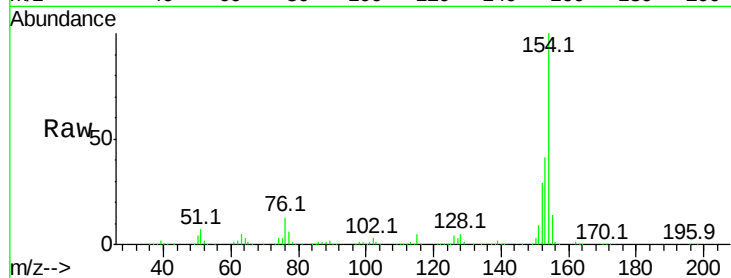
Tot Ion:154 Resp: 745227

Ion Ratio Lower Upper

154 100

153 41.2 17.1 57.1

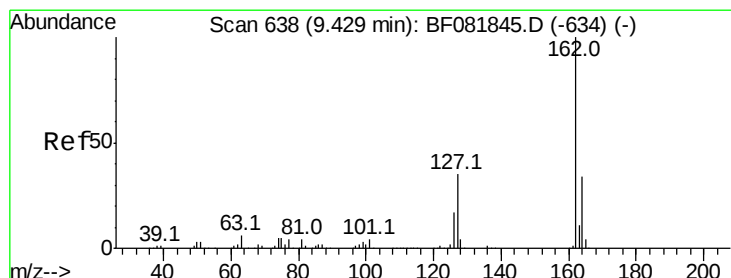
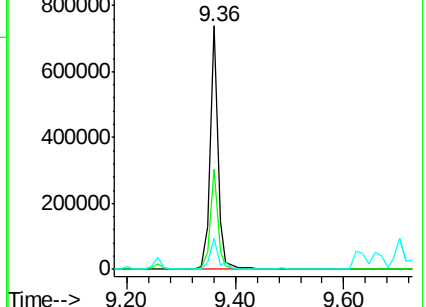
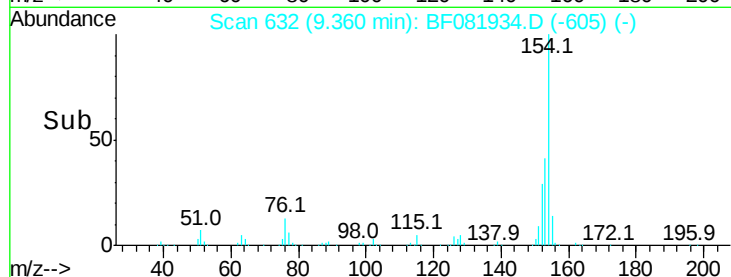
76 12.7 0.0 31.6



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: 36.65 ng

RT: 9.38 min Scan# 634

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

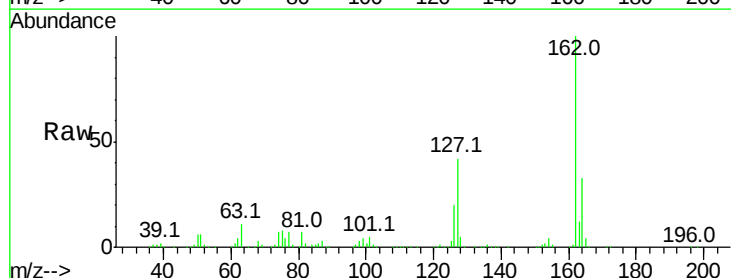
Tgt Ion:162 Resp: 582536

Ion Ratio Lower Upper

162 100

127 41.6 27.6 41.4#

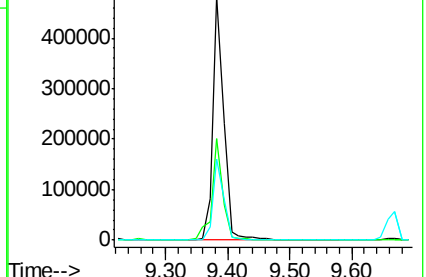
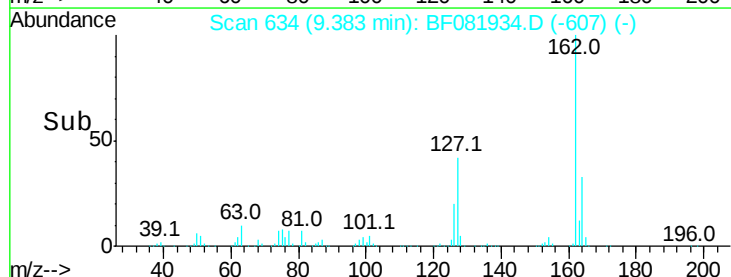
164 33.1 25.4 38.2

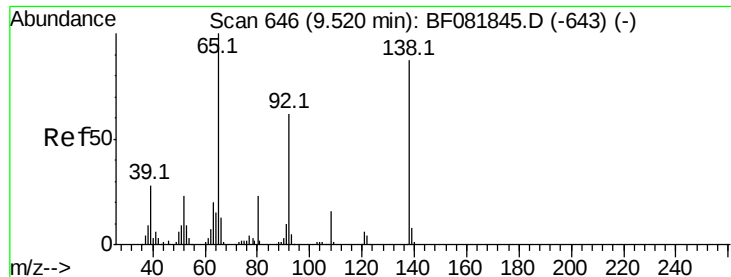


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.93 ng

RT: 9.49 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

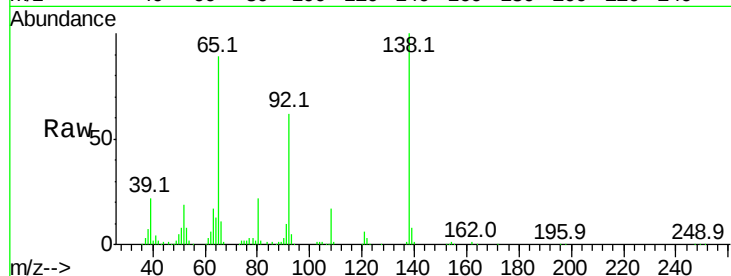
Tot Ion: 65 Resp: 181643

Ion Ratio Lower Upper

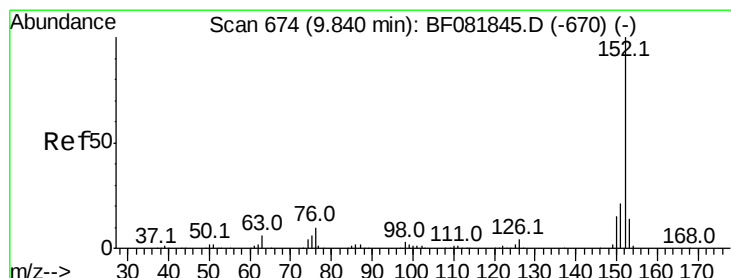
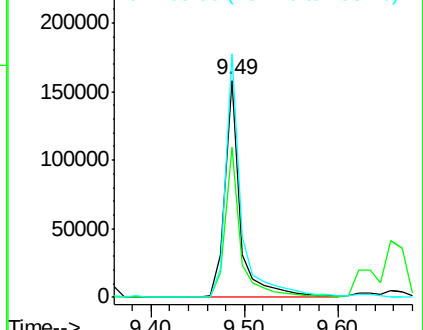
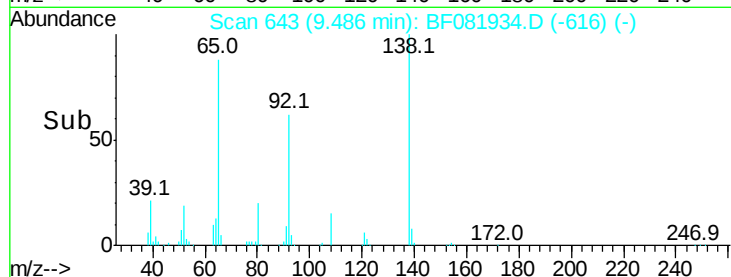
65 100

92 69.2 55.4 83.0

138 112.1 115.5 173.3#



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: 38.31 ng

RT: 9.81 min Scan# 671

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

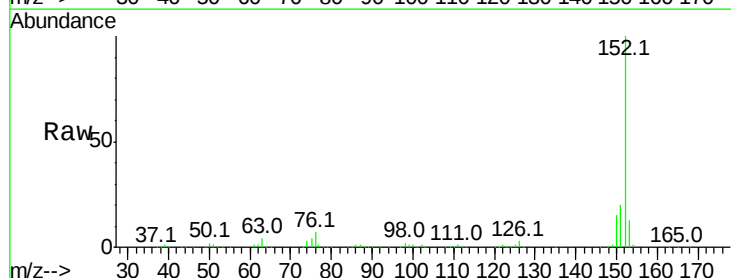
Tgt Ion: 152 Resp: 974512

Ion Ratio Lower Upper

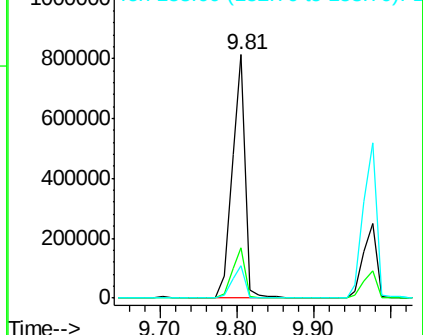
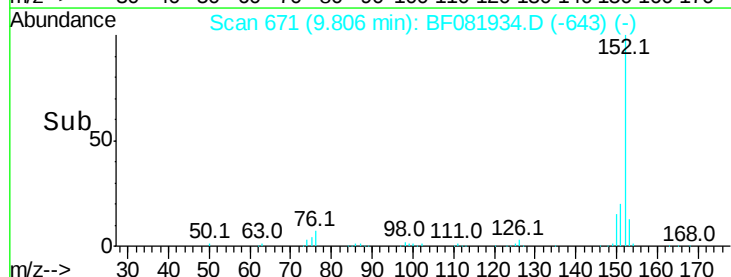
152 100

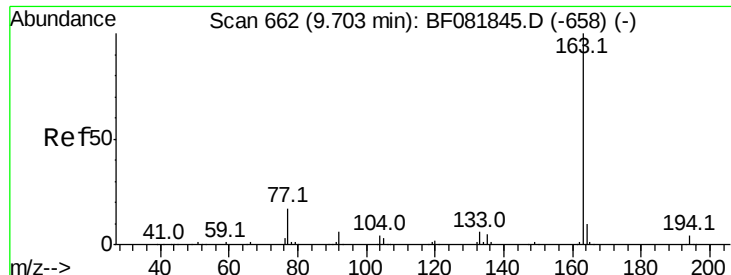
151 20.4 14.6 22.0

153 13.3 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: 40.49 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

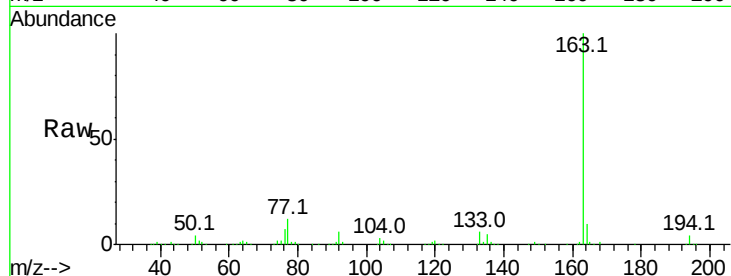
Tot Ion:163 Resp: 733360

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

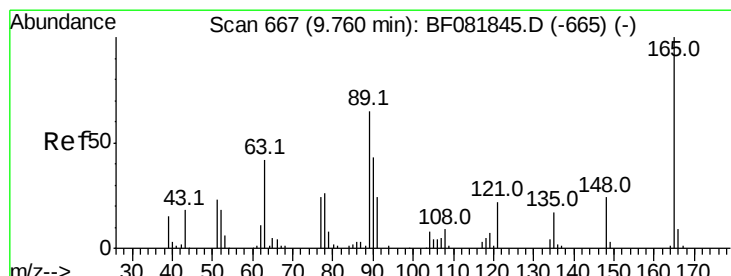
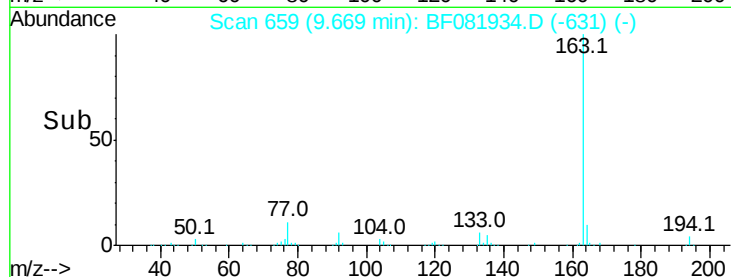
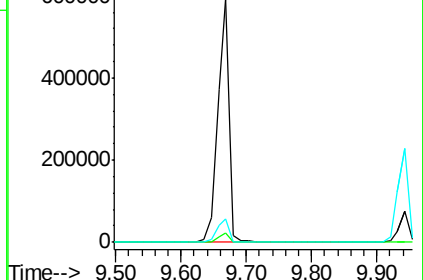
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.25 ng

RT: 9.73 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

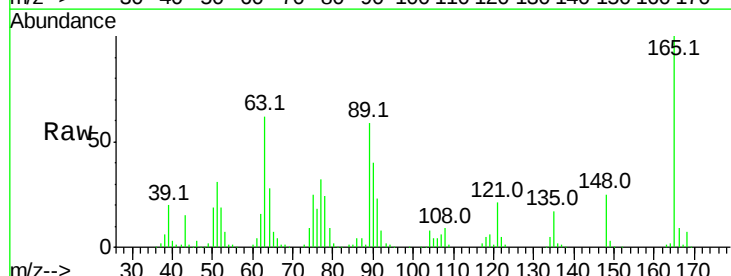
Tgt Ion:165 Resp: 150394

Ion Ratio Lower Upper

165 100

63 62.1 32.3 48.5#

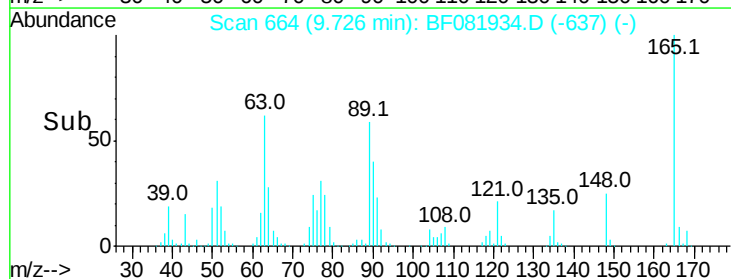
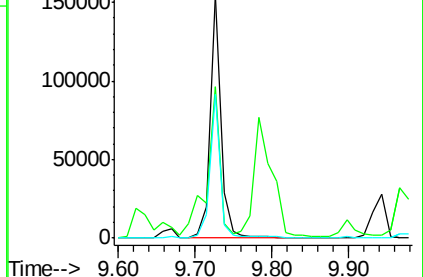
89 59.0 28.6 43.0#

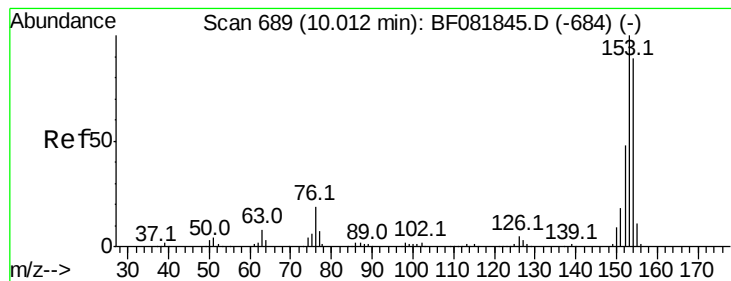


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.75 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

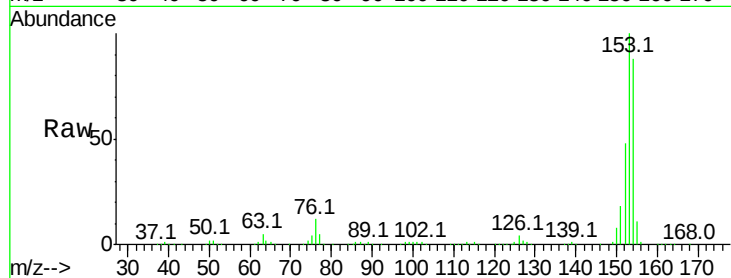
Tot Ion:154 Resp: 645807

Ion Ratio Lower Upper

154 100

153 113.4 82.1 123.1

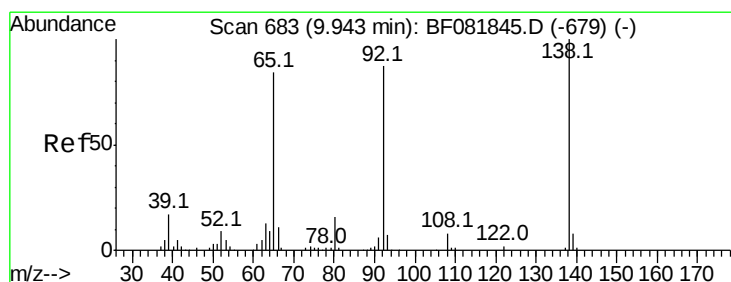
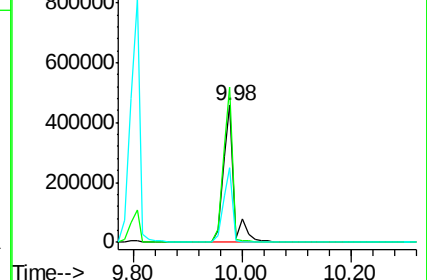
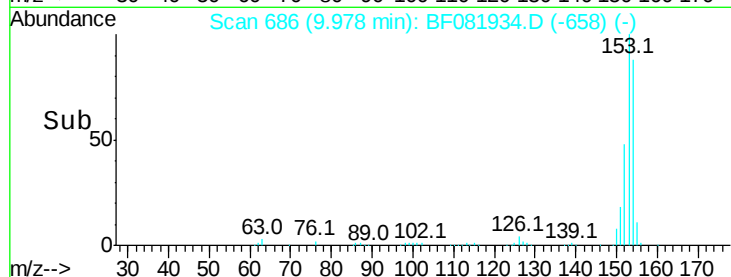
152 54.5 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.86 ng

RT: 9.90 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

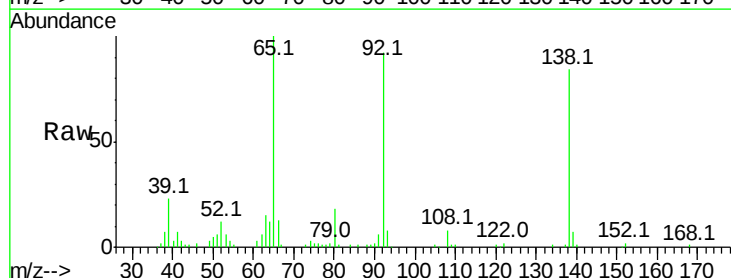
Tgt Ion:138 Resp: 90347

Ion Ratio Lower Upper

138 100

108 9.5 5.7 8.5#

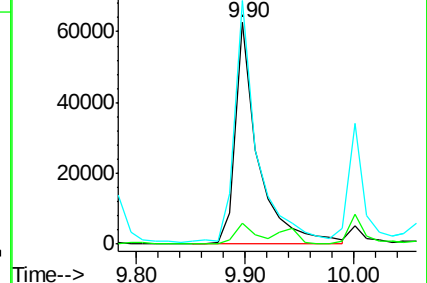
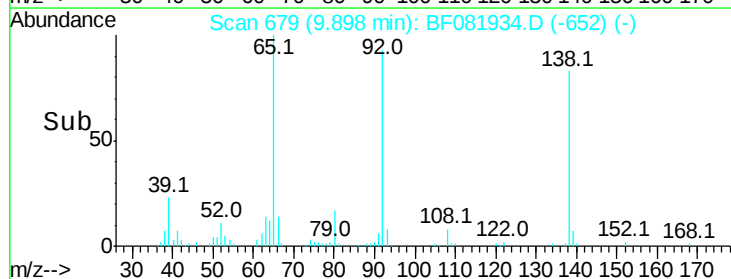
92 110.0 67.7 101.5#

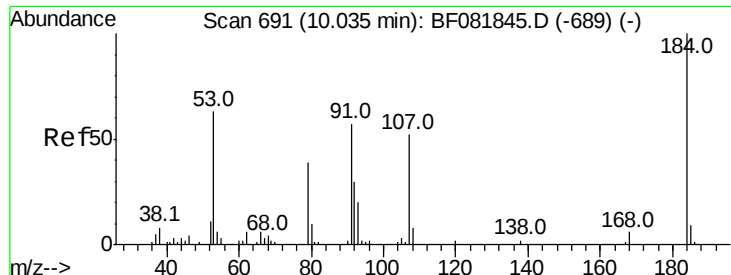


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

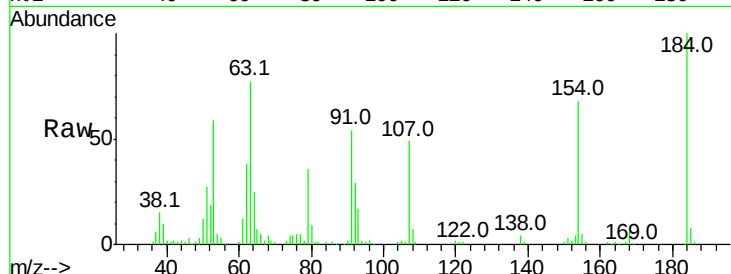




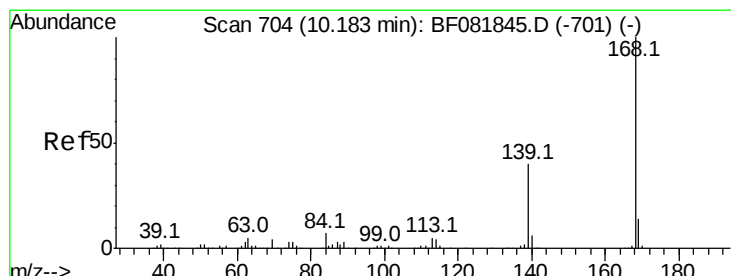
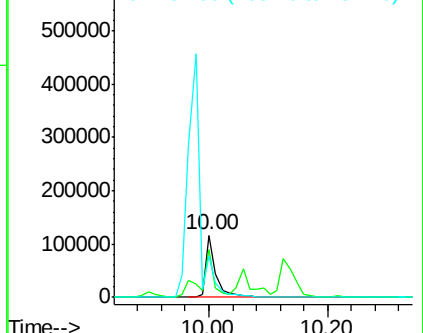
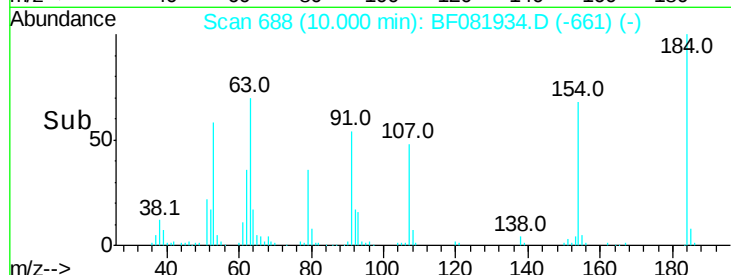
#53
2,4-Dinitrophenol
Concen: 76.61 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 142425
Ion Ratio Lower Upper
184 100
63 77.4 35.4 53.2#
154 67.7 32.2 48.4#

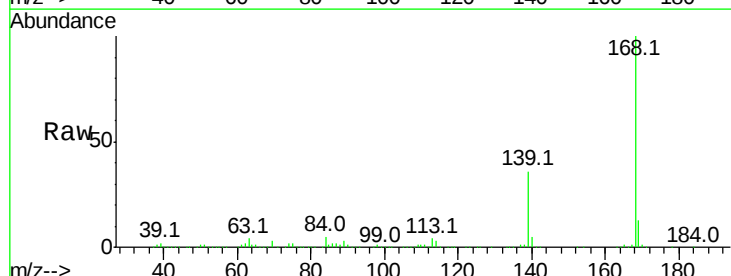


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

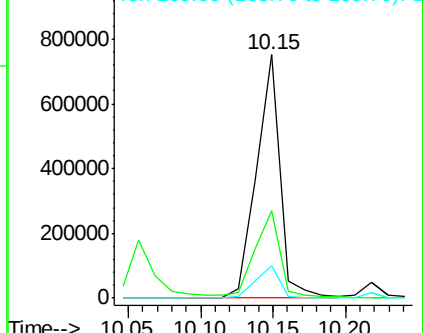
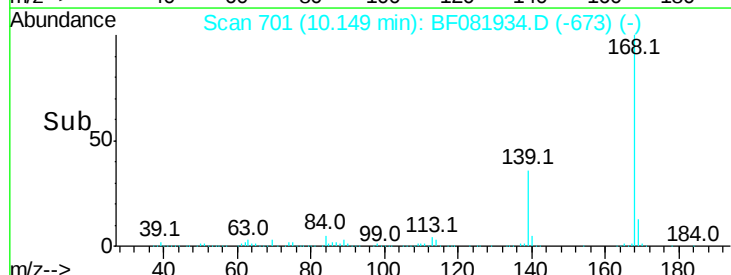


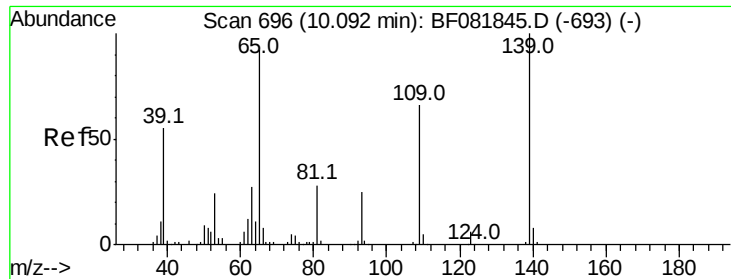
#54
Dibenzofuran
Concen: 39.69 ng
RT: 10.15 min Scan# 701
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion:168 Resp: 847291
Ion Ratio Lower Upper
168 100
139 35.7 24.2 36.2
169 13.4 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: 70.45 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

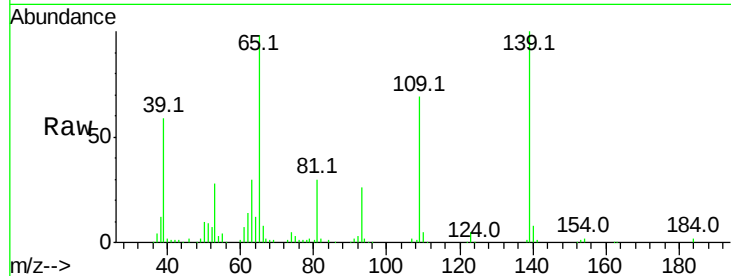
Tot Ion:139 Resp: 231581

Ion Ratio Lower Upper

139 100

109 68.7 12.7 52.7#

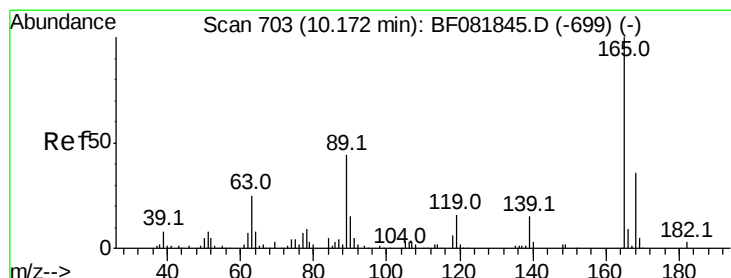
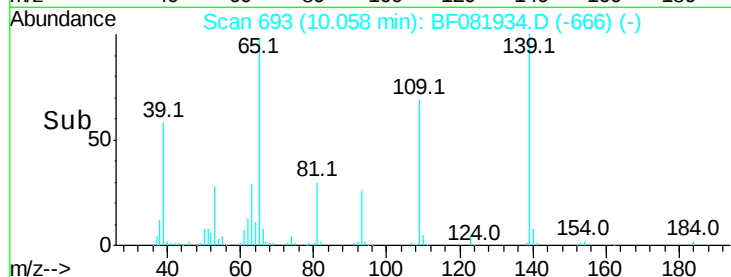
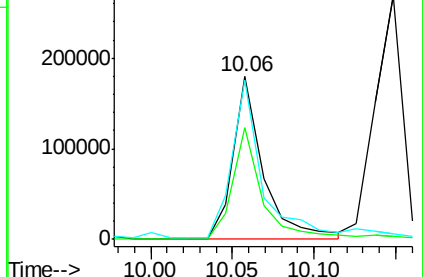
65 98.0 45.9 85.9#



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: 40.67 ng

RT: 10.13 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:165 Resp: 203880

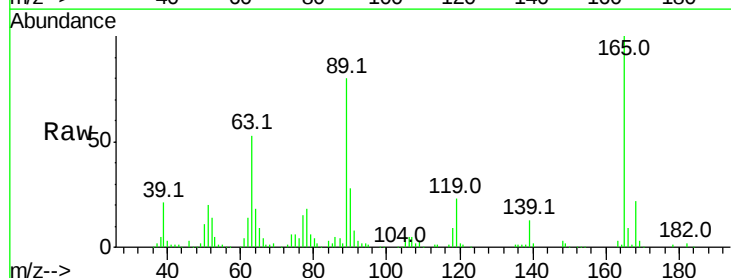
Ion Ratio Lower Upper

165 100

63 52.8 29.8 44.6#

89 79.5 44.5 66.7#

182 2.0 3.0 4.4#

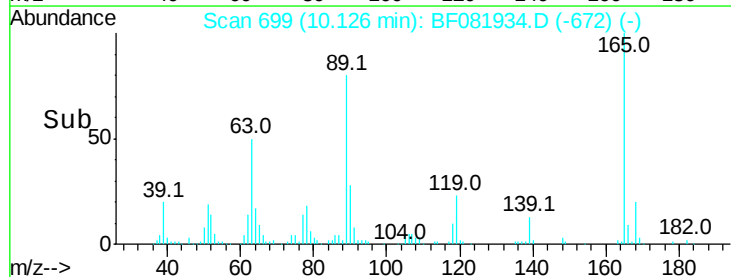
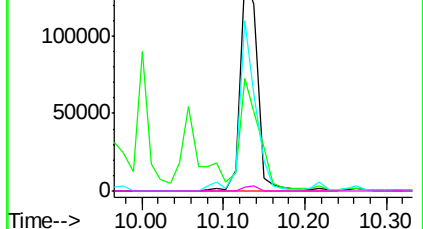


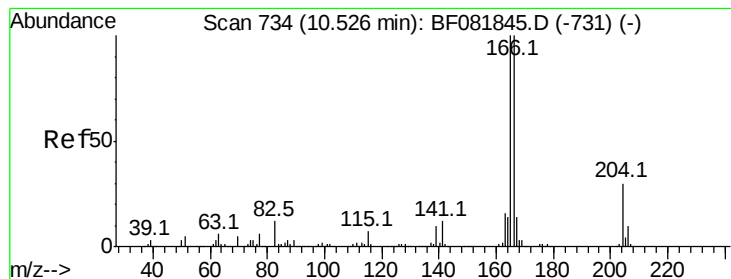
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.07 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

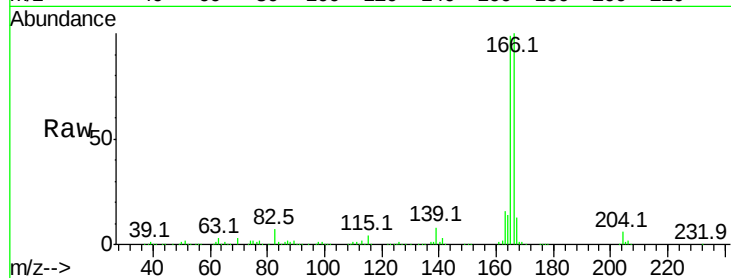
Tot Ion:166 Resp: 658980

Ion Ratio Lower Upper

166 100

165 98.7 72.6 109.0

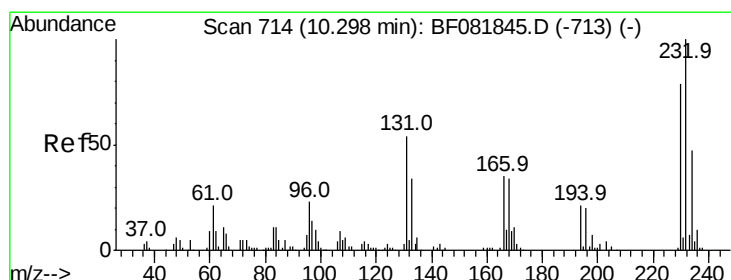
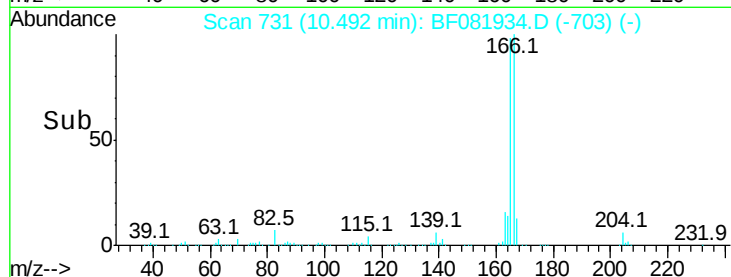
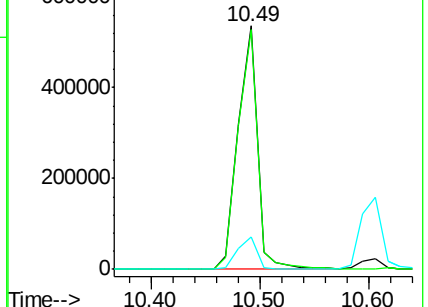
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.22 ng

RT: 10.26 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:232 Resp: 199201

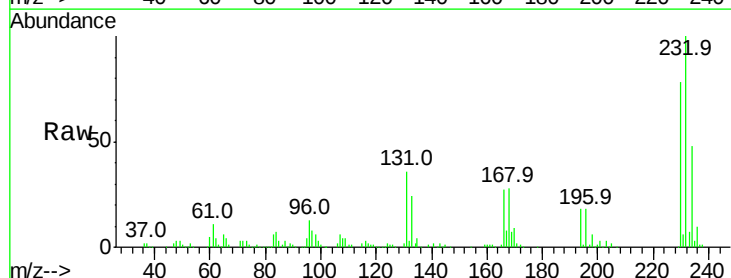
Ion Ratio Lower Upper

232 100

131 40.9 38.5 57.7

130 1.9 1.8 2.6

166 27.5 25.0 37.6

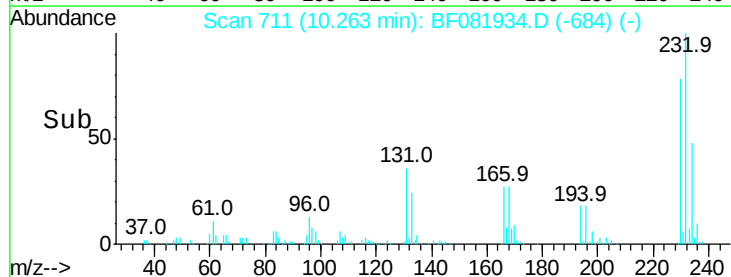
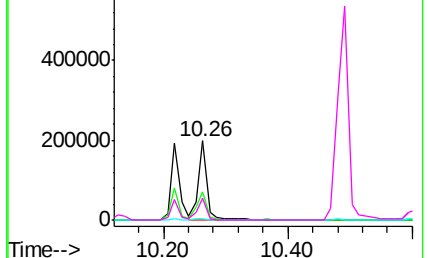


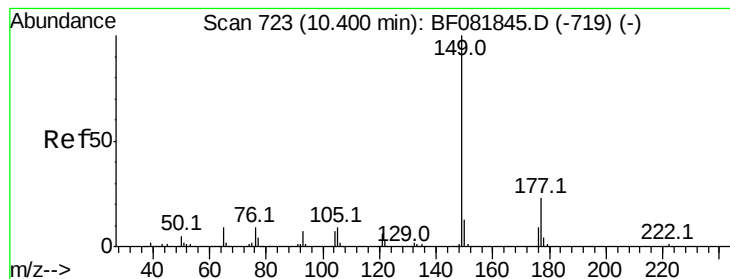
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.03 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

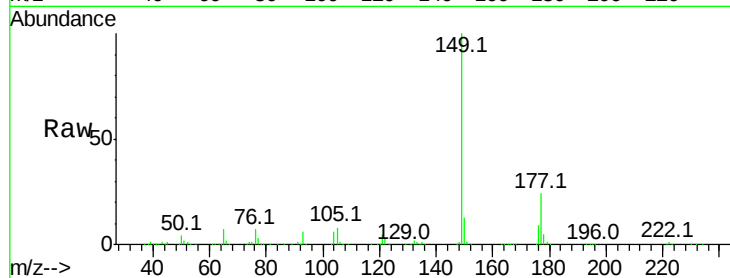
Tot Ion:149 Resp: 711012

Ion Ratio Lower Upper

149 100

177 24.3 17.5 26.3

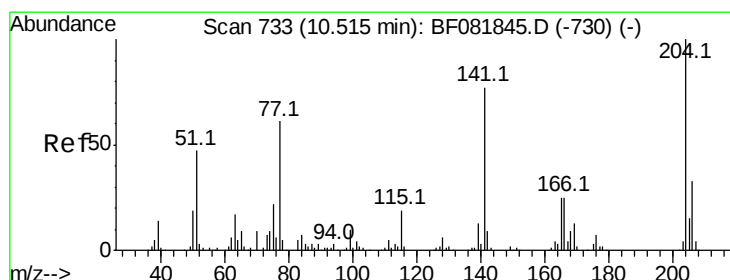
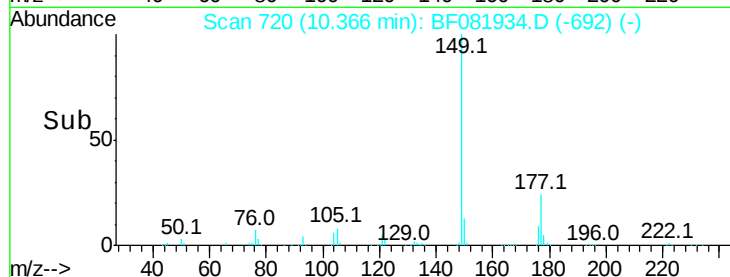
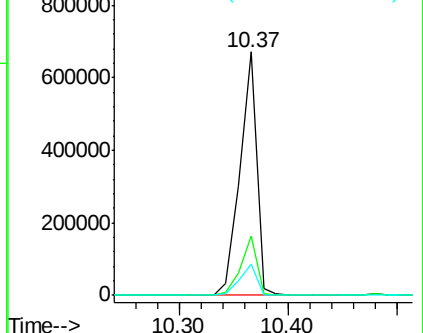
150 12.7 9.4 14.2



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: 41.42 ng

RT: 10.48 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

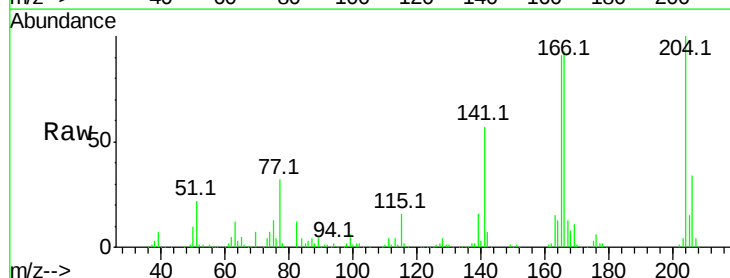
Tgt Ion:204 Resp: 323785

Ion Ratio Lower Upper

204 100

206 34.3 24.8 37.2

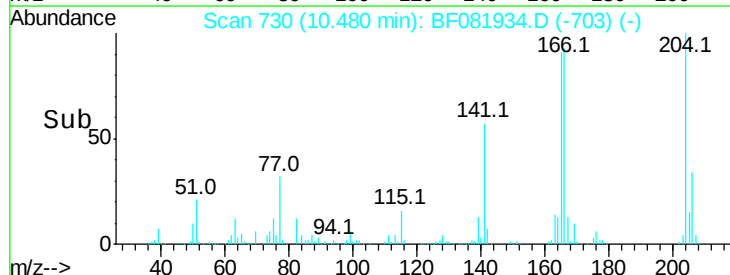
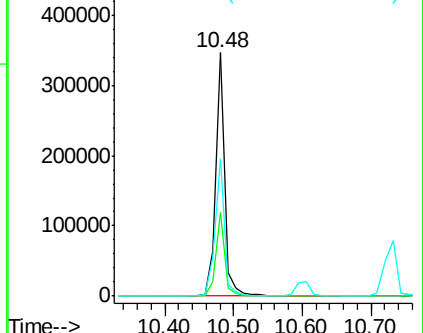
141 56.7 42.2 63.4

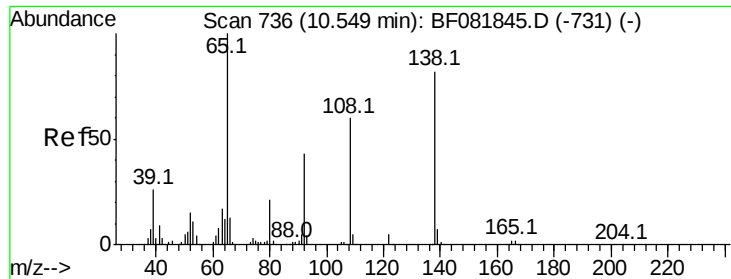


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

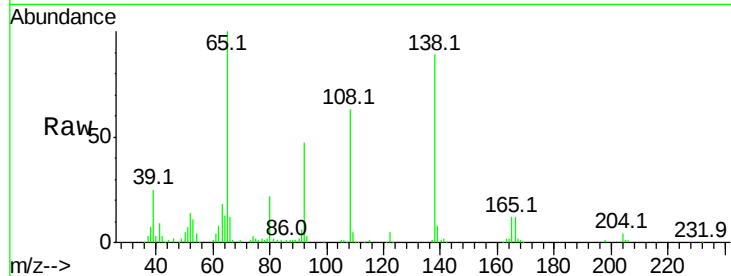




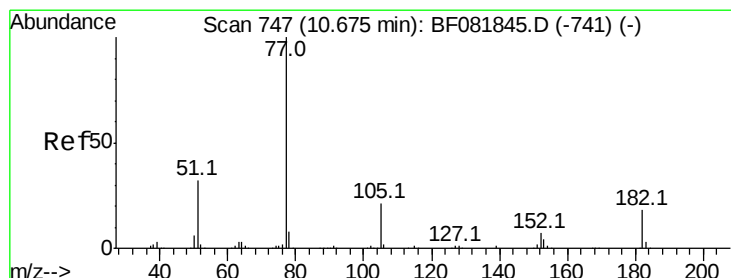
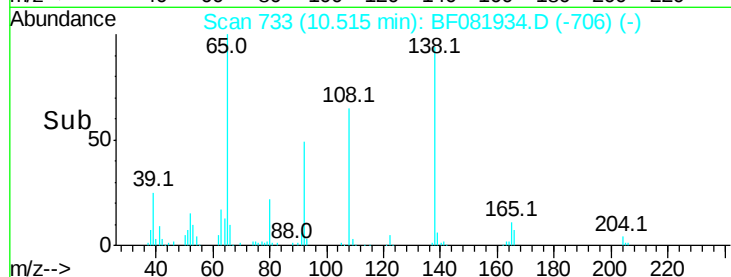
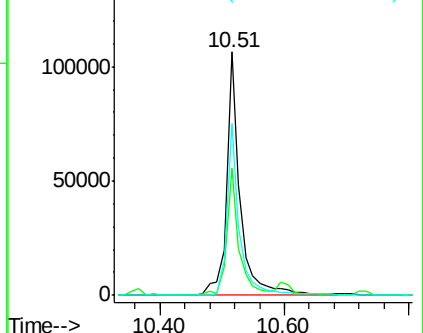
#61
4-Nitroaniline
Concen: 35.45 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 161675
Ion Ratio Lower Upper
138 100
92 52.1 12.6 52.6
108 70.4 12.4 52.4#

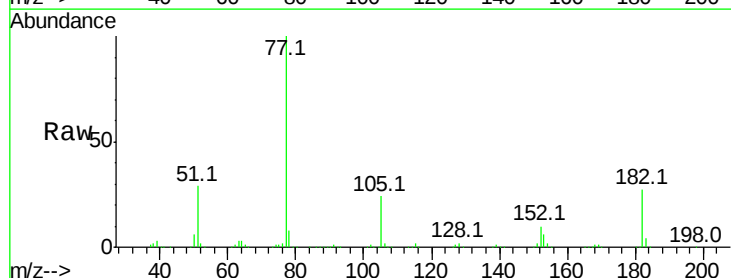


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

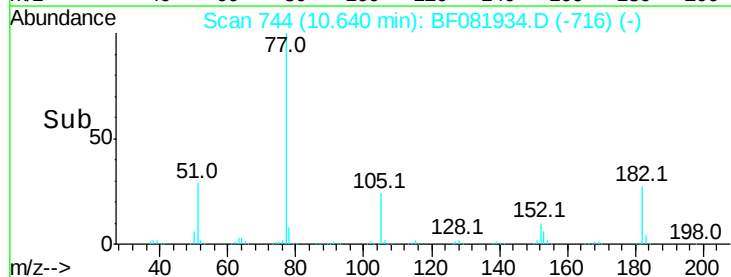
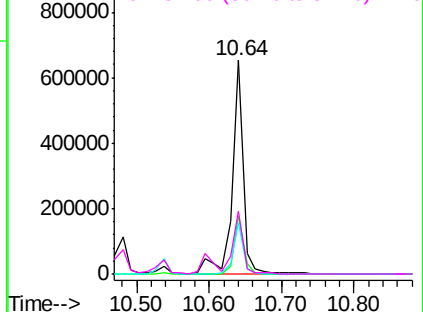


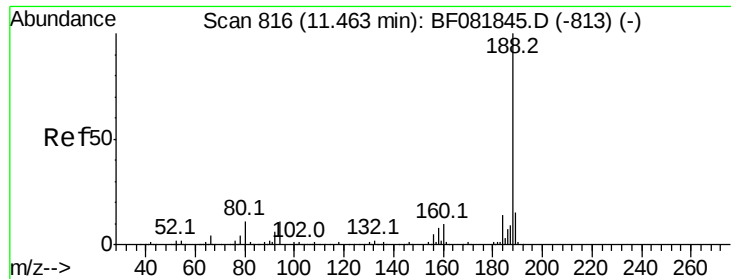
#62
Azobenzene
Concen: 41.46 ng
RT: 10.64 min Scan# 744
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 77 Resp: 684495
Ion Ratio Lower Upper
77 100
182 26.8 15.1 55.1
105 23.8 3.4 43.4
51 29.4 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: 11.43 min Scan# 813

Delta R.T. 0.02 min

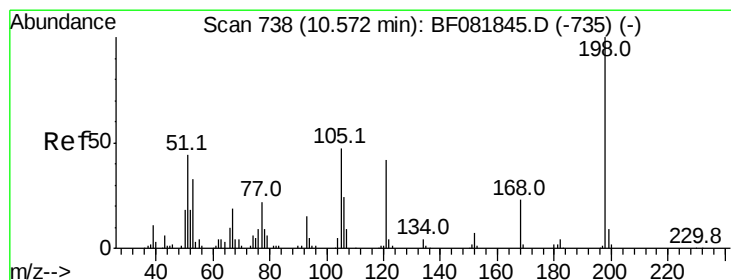
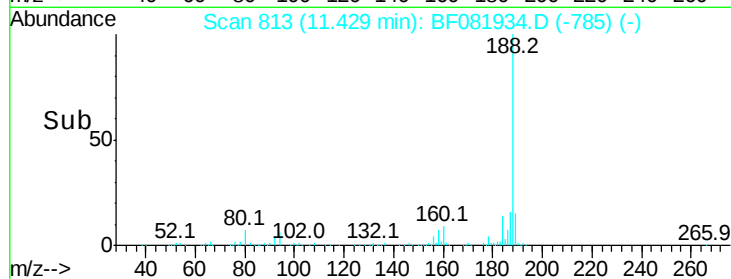
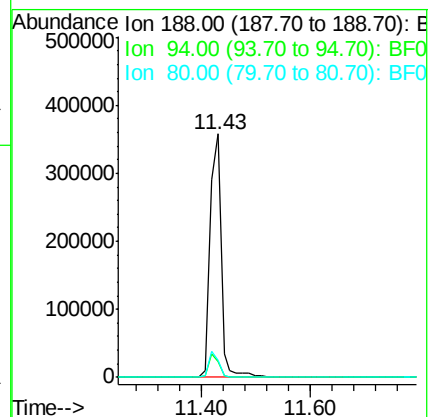
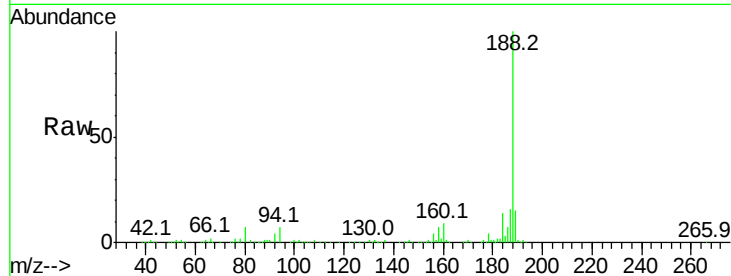
Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 502898

Ion	Ratio	Lower	Upper
188	100		
94	6.5	11.1	16.7#
80	6.9	11.0	16.4#



#64

4,6-Dinitro-2-methylphenol

Concen: 48.54 ng

RT: 10.54 min Scan# 735

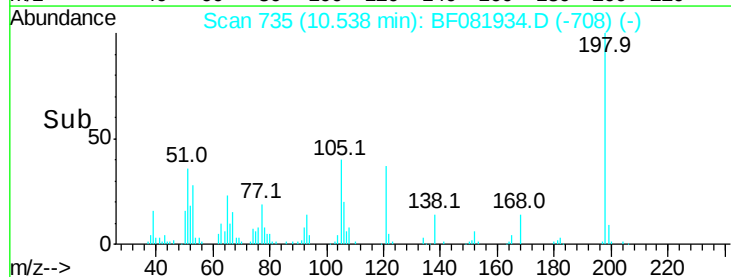
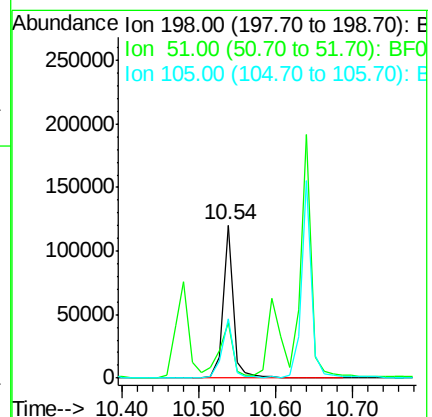
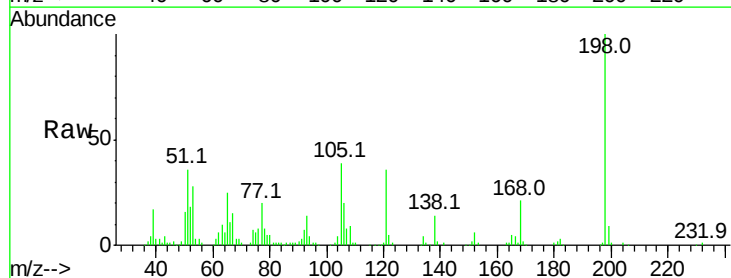
Delta R.T. 0.01 min

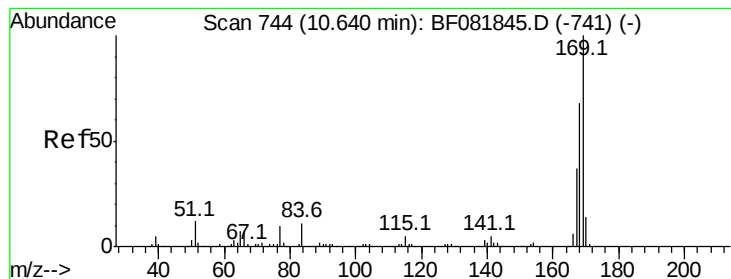
Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:198 Resp: 111060

Ion	Ratio	Lower	Upper
198	100		
51	36.4	39.6	79.6#
105	39.1	28.5	68.5

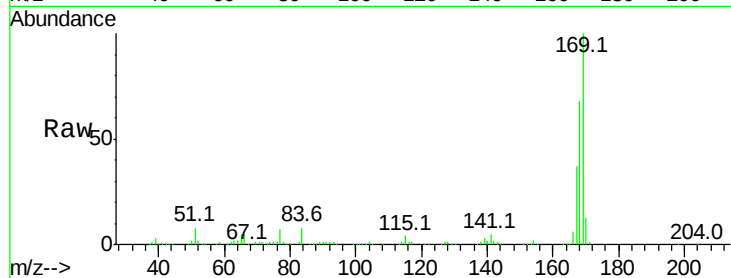




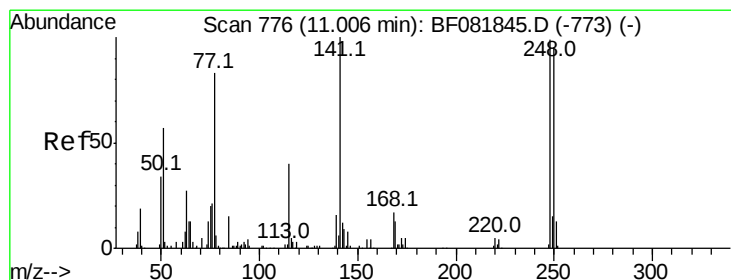
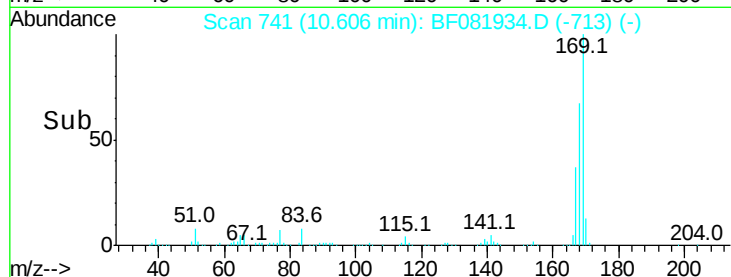
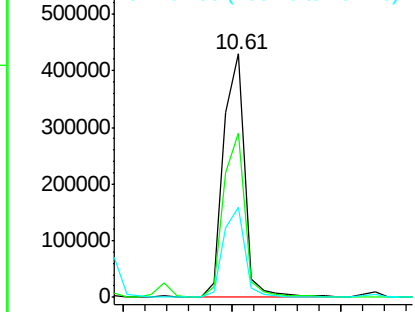
#65
 n-Nitrosodiphenylamine
 Concen: 38.38 ng
 RT: 10.61 min Scan# 741
 Delta R.T. 0.02 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 583930
 Ion Ratio Lower Upper
 169 100
 168 67.7 48.9 73.3
 167 37.2 26.2 39.4

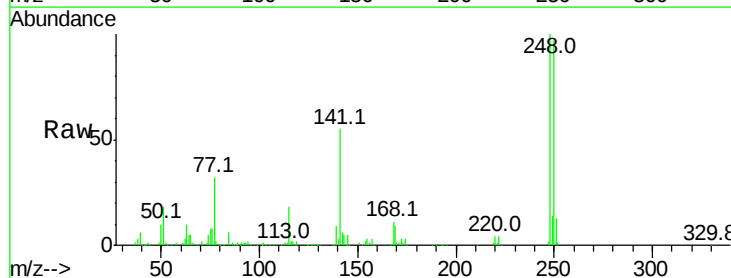


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

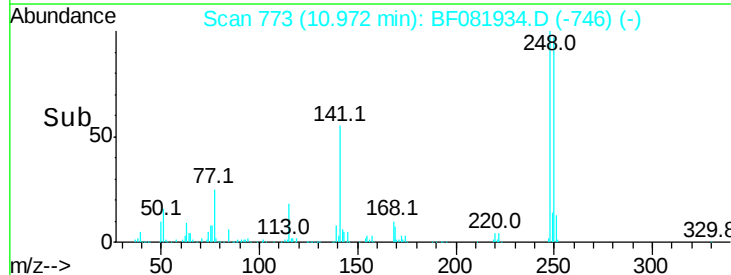
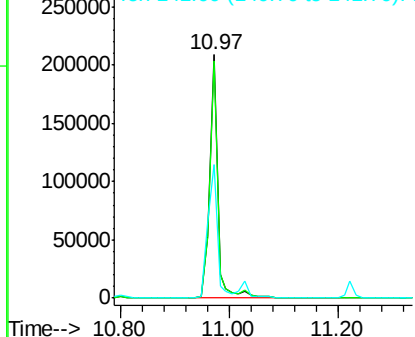


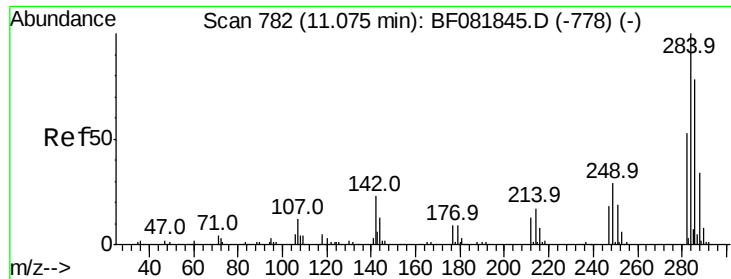
#66
 4-Bromophenyl-phenylether
 Concen: 42.74 ng
 RT: 10.97 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:248 Resp: 216717
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.5 117.7
 141 54.8 59.0 88.6#



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

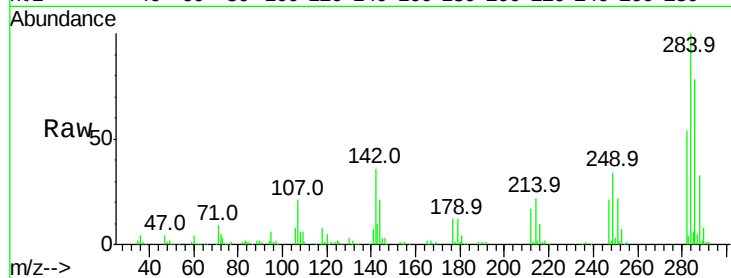




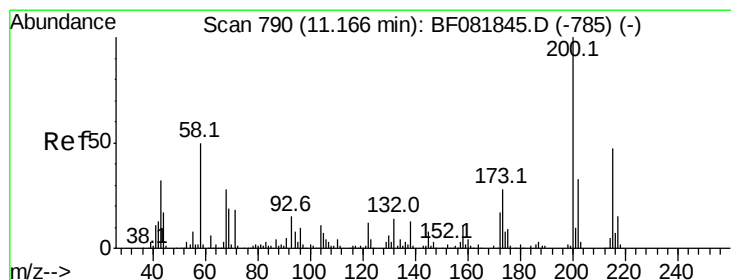
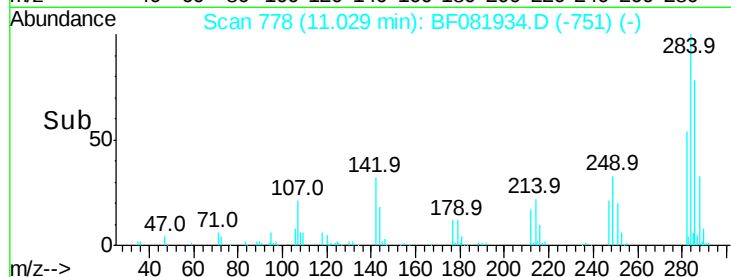
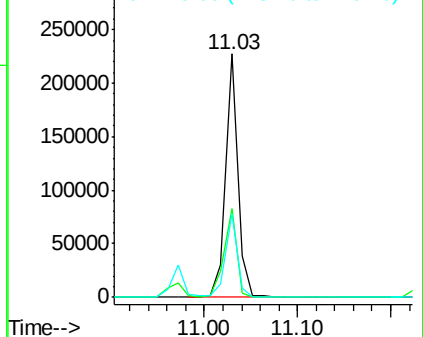
#67
Hexachlorobenzene
Concen: 36.36 ng
RT: 11.03 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.5	44.3
249	34.3	19.5	29.3

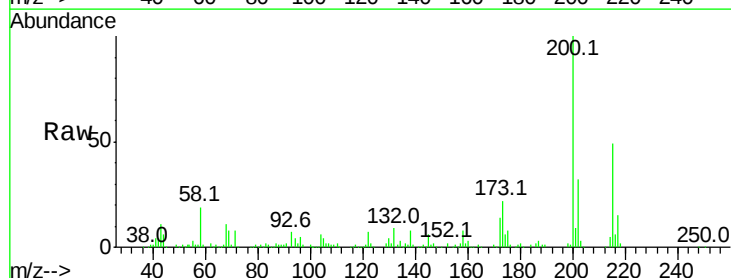


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

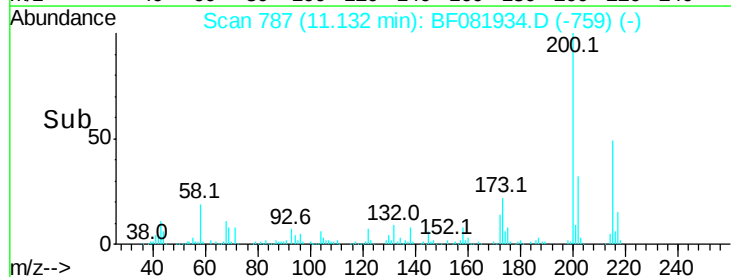
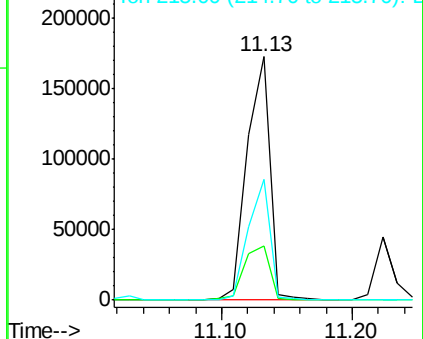


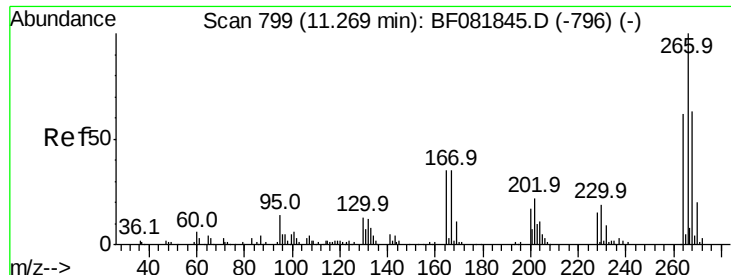
#68
Atrazine
Concen: 44.53 ng
RT: 11.13 min Scan# 787
Delta R.T. 0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	13.2	53.2
215	49.4	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

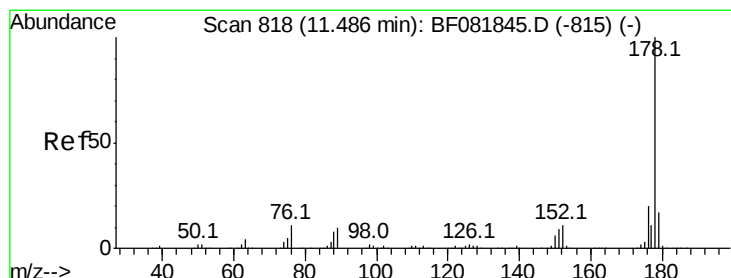
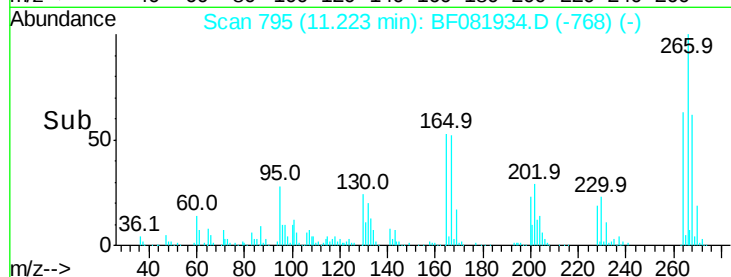
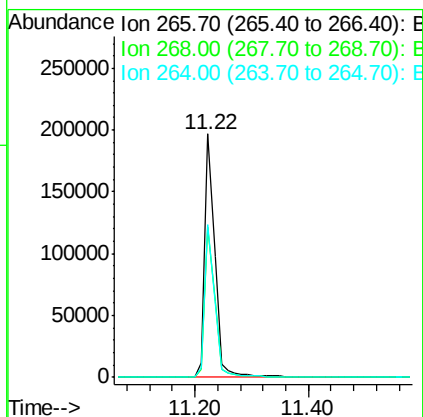
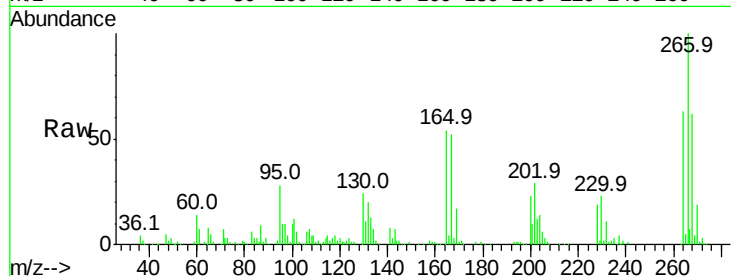




#69
 Pentachlorophenol
 Concen: 71.87 ng
 RT: 11.22 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

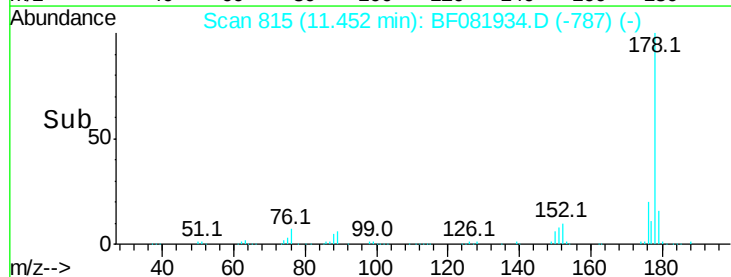
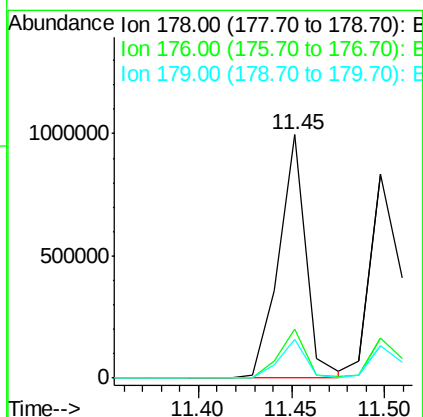
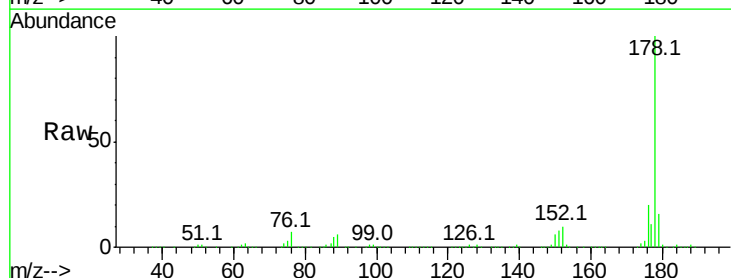
Instrument :
 BNA_F
 ClientSampled :

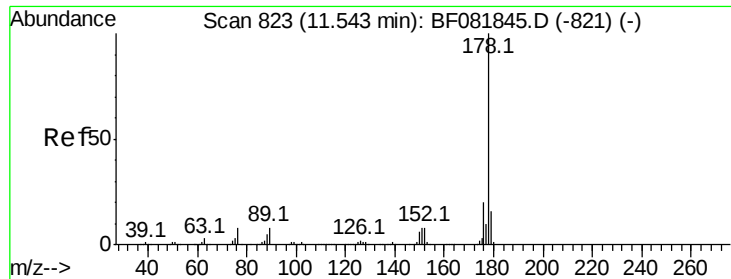
Tot Ion:266 Resp: 234356
 Ion Ratio Lower Upper
 266 100
 268 61.7 49.8 74.6
 264 62.9 50.2 75.2



#70
 Phenanthrene
 Concen: 41.54 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.02 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:178 Resp: 1008429
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.9 12.2 18.2

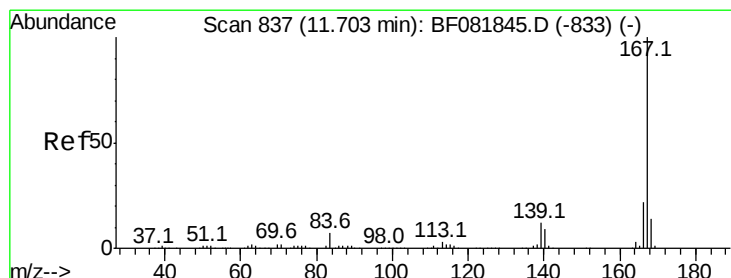
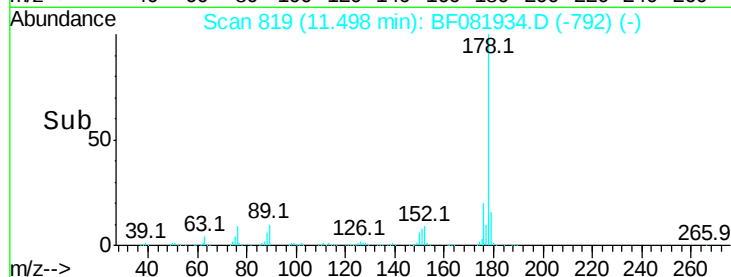
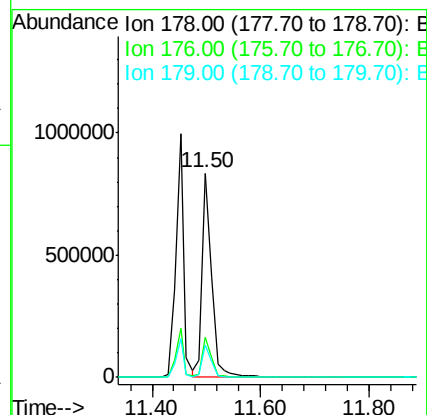
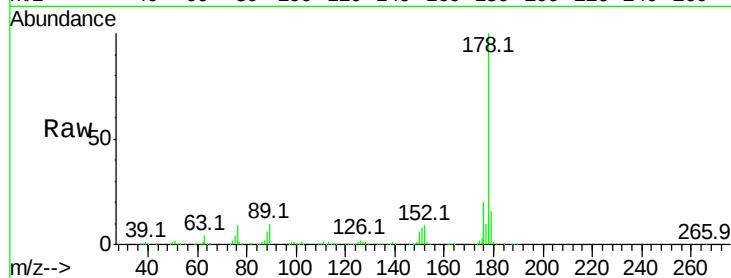




#71
 Anthracene
 Concen: 39.27 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

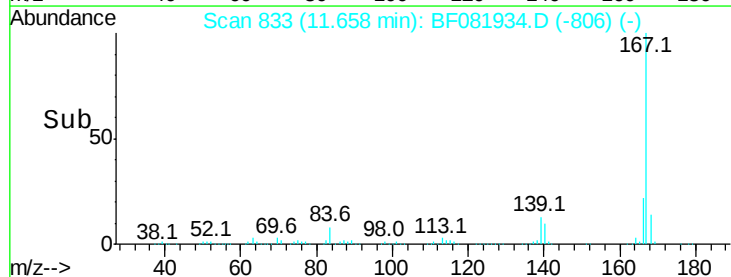
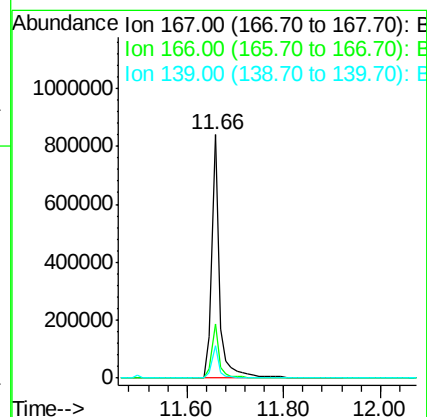
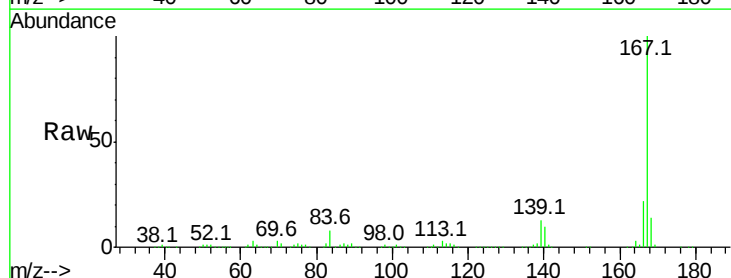
Instrument :
 BNA_F
 ClientSampleId :

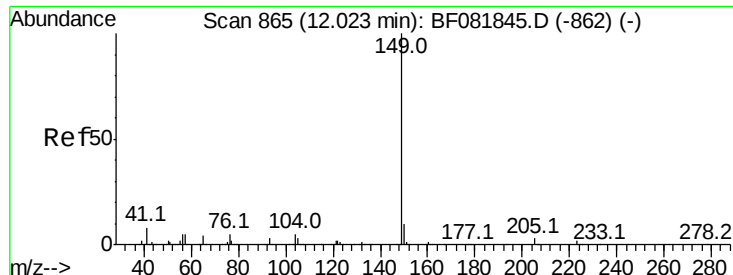
Tot Ion:178 Resp: 1003830
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 16.0 12.2 18.2



#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.66 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:167 Resp: 935079
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 13.2 9.5 14.3





#73

Di-n-butylphthalate

Concen: 46.08 ng

RT: 11.99 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

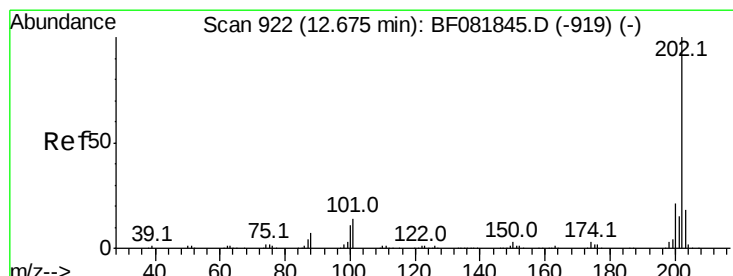
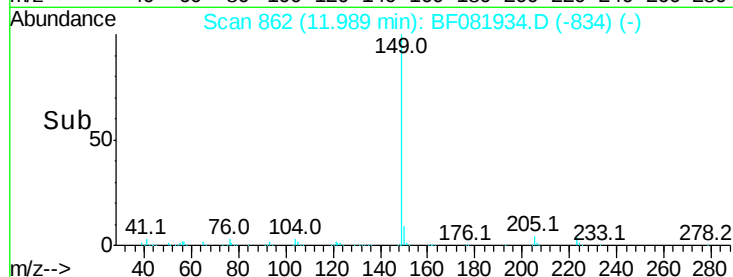
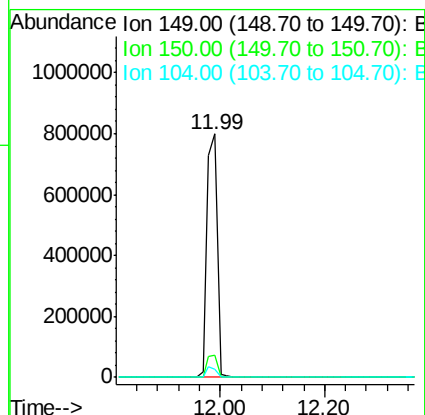
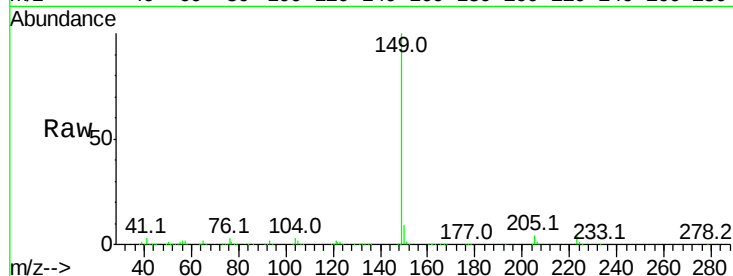
Tot Ion:149 Resp: 1085108

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 3.5 2.4 3.6



#74

Fluoranthene

Concen: 40.48 ng

RT: 12.64 min Scan# 919

Delta R.T. 0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

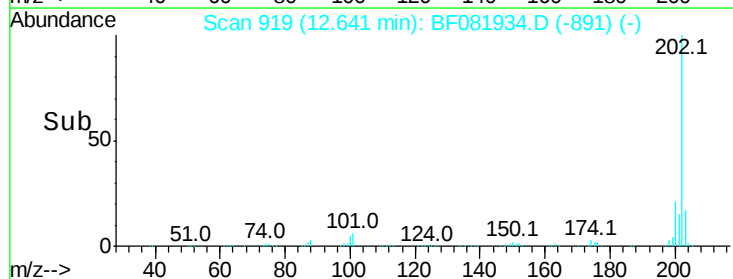
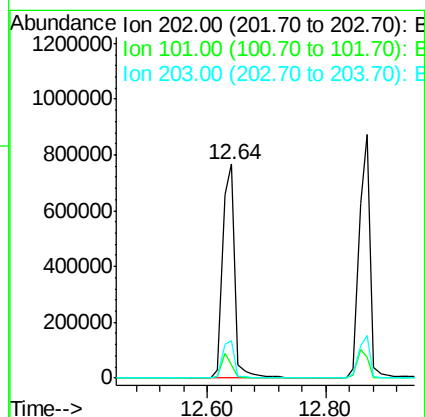
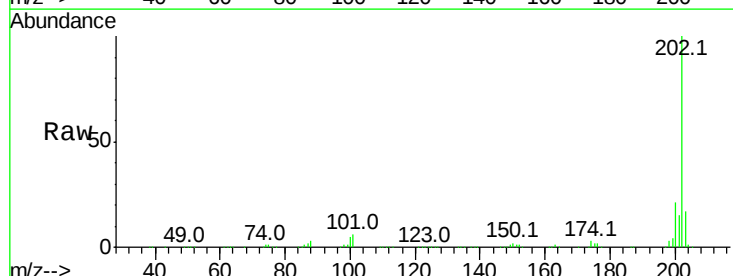
Tgt Ion:202 Resp: 1090528

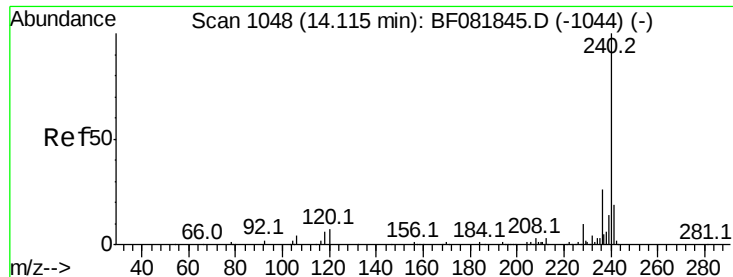
Ion Ratio Lower Upper

202 100

101 6.3 0.0 38.3

203 17.4 0.0 37.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

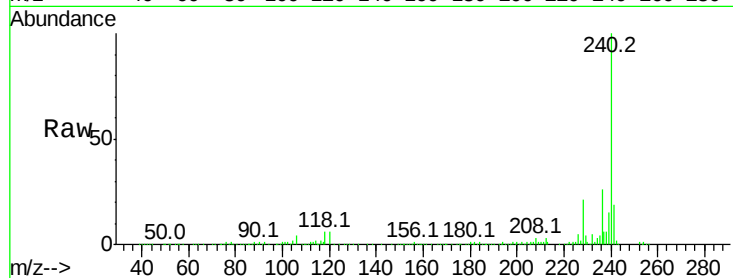
Tot Ion:240 Resp: 428112

Ion Ratio Lower Upper

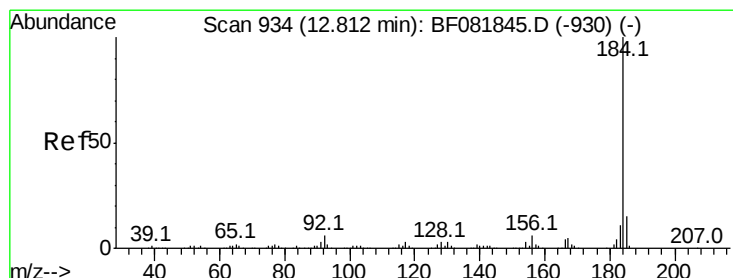
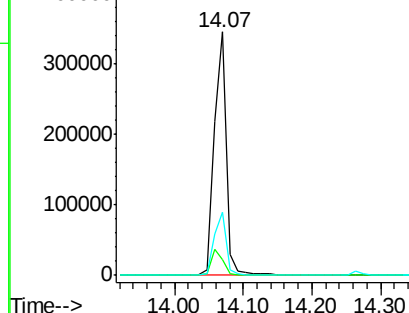
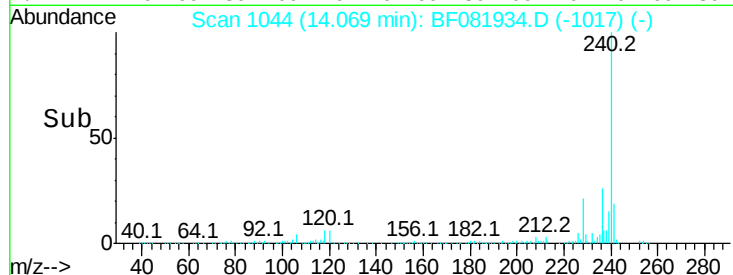
240 100

120 6.3 16.2 24.2#

236 26.1 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



#76

Benzidine

Concen: 26.98 ng

RT: 12.77 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

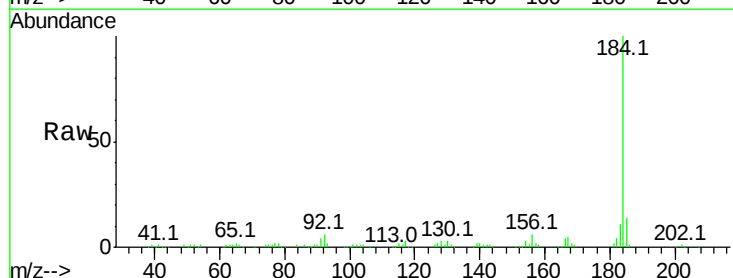
Tgt Ion:184 Resp: 348070

Ion Ratio Lower Upper

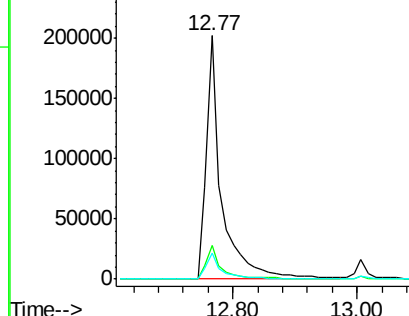
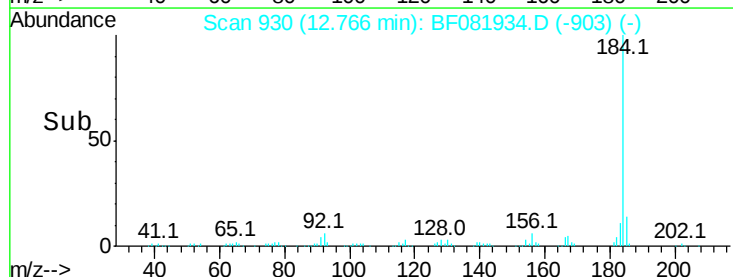
184 100

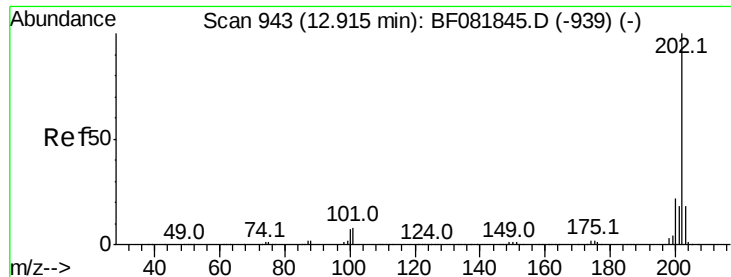
185 14.0 11.8 17.6

183 10.8 7.6 11.4



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



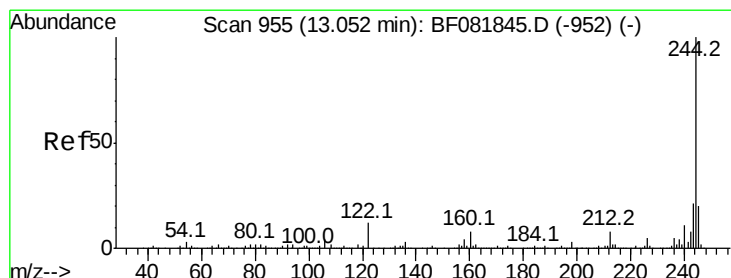
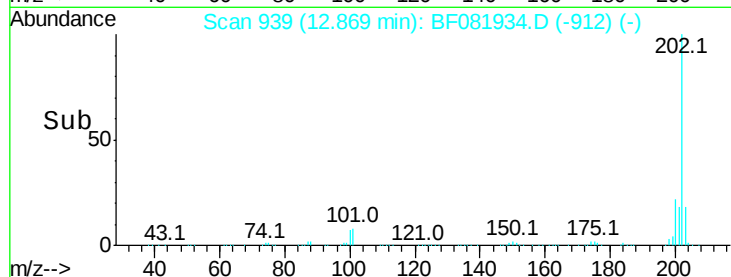
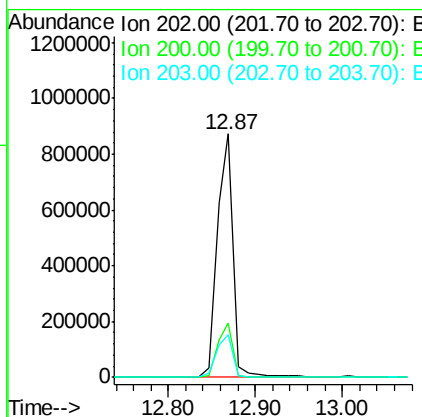
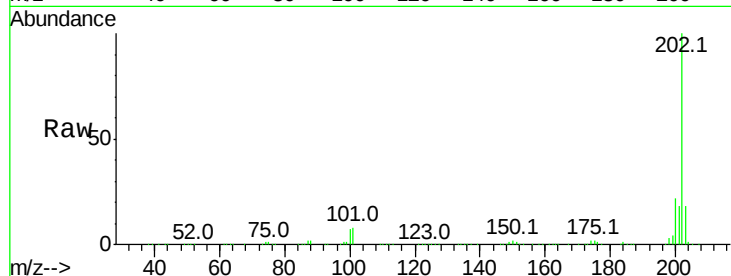


#77
 Pvrene
 Concen: 43.28 ng
 RT: 12.87 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1106956

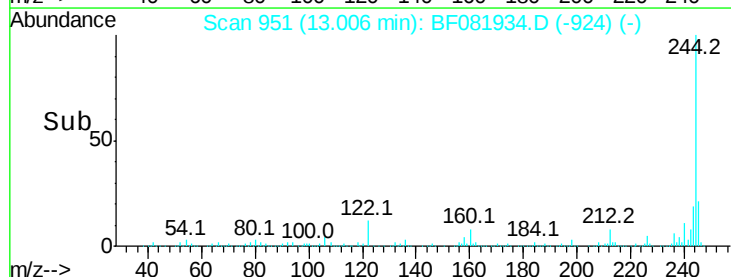
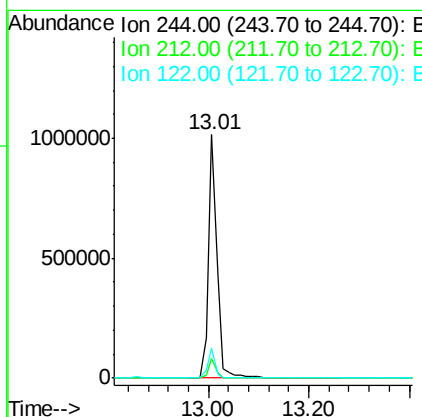
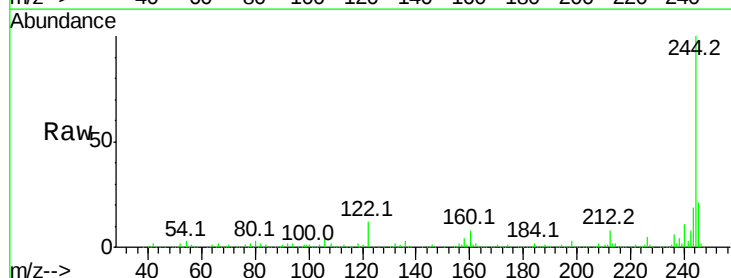
Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.6	14.1	21.1

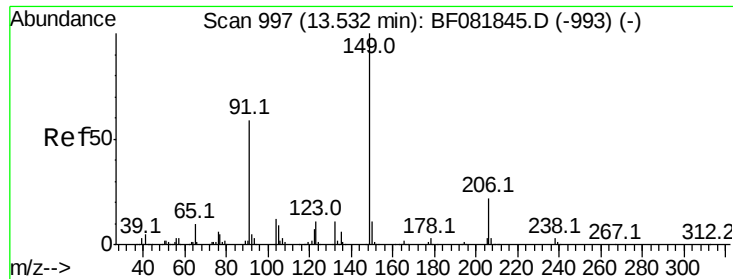


#78
 Terphenyl-d14
 Concen: 92.78 ng
 RT: 13.01 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:244 Resp: 1198889

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.4	17.4	26.2#

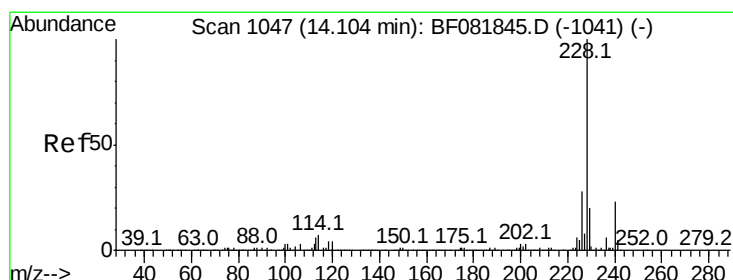
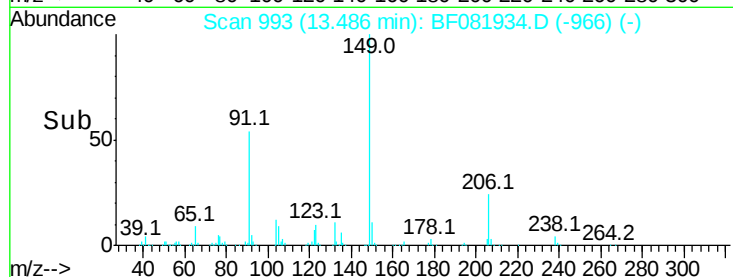
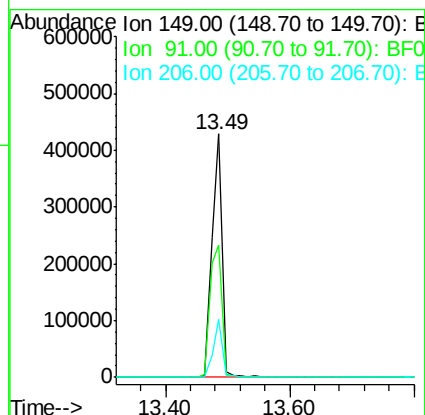
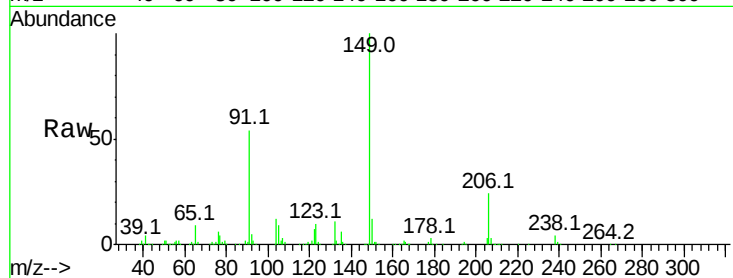




#79
 Butylbenzylphthalate
 Concen: 50.26 ng
 RT: 13.49 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

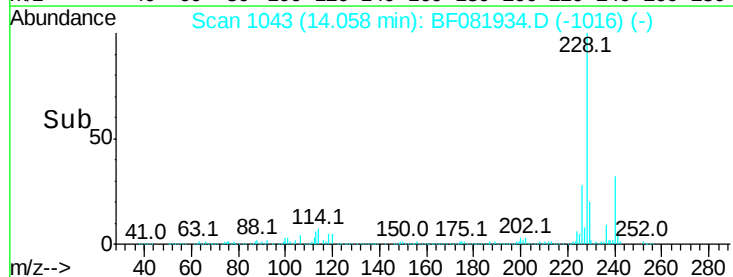
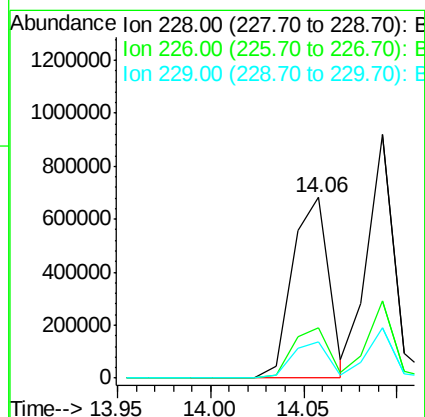
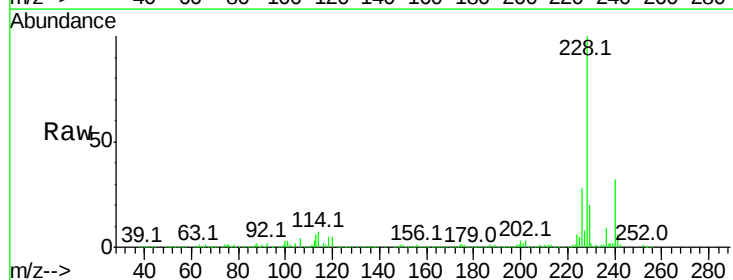
Instrument :
 BNA_F
 ClientSampleId :

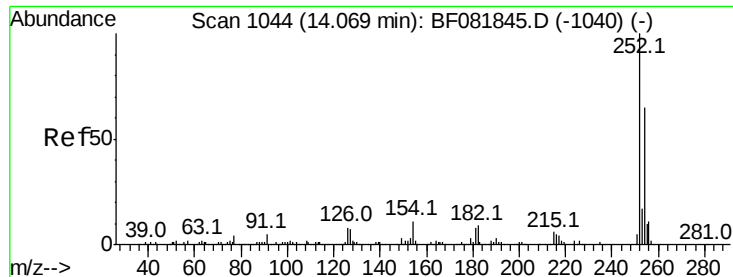
Tot Ion:149 Resp: 483737
 Ion Ratio Lower Upper
 149 100
 91 54.4 48.6 72.8
 206 23.6 14.9 22.3#



#80
 Benzo(a)anthracene
 Concen: 40.34 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:228 Resp: 929963
 Ion Ratio Lower Upper
 228 100
 226 27.9 20.0 30.0
 229 19.9 15.4 23.2





#81

3,3'-Dichlorobenzidine

Concen: 23.50 ng

RT: 14.02 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

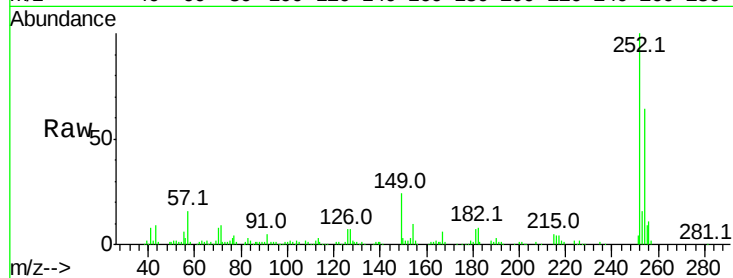
Tot Ion:252 Resp: 182973

Ion Ratio Lower Upper

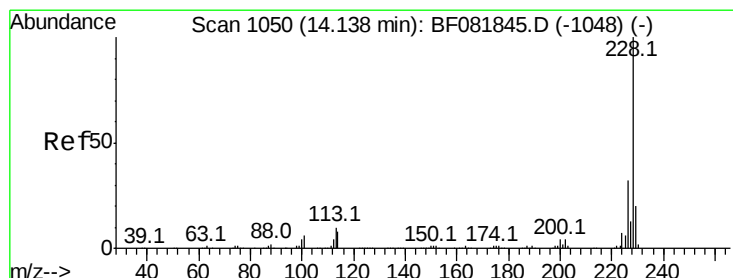
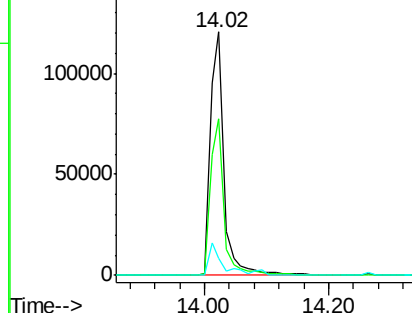
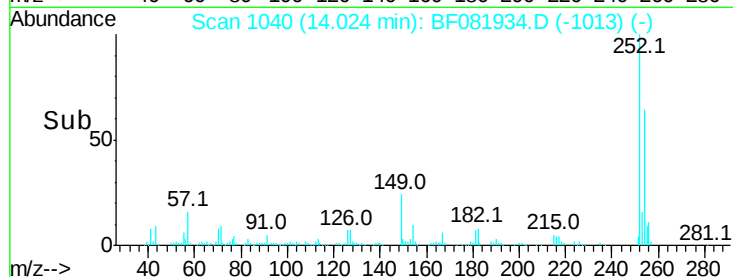
252 100

254 64.4 51.4 77.2

126 7.1 16.4 24.6#



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



#82

Chrysene

Concen: 47.68 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

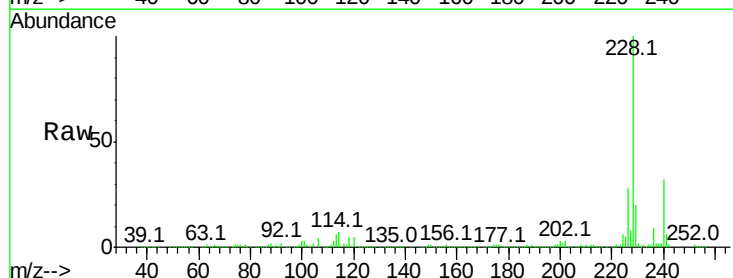
Tgt Ion:228 Resp: 929963

Ion Ratio Lower Upper

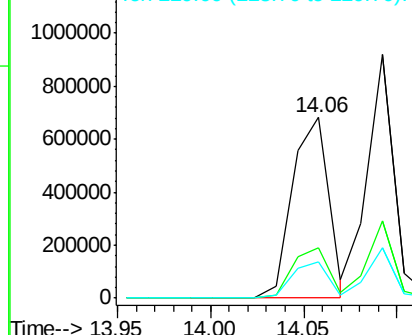
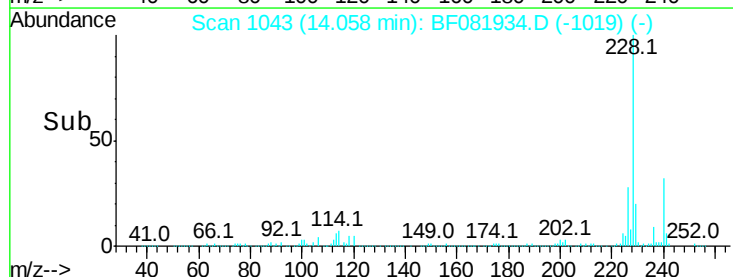
228 100

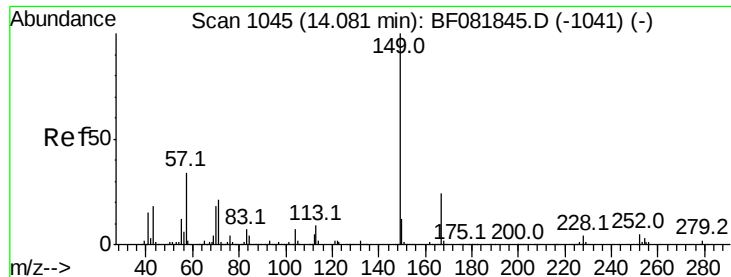
226 27.9 21.0 31.4

229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

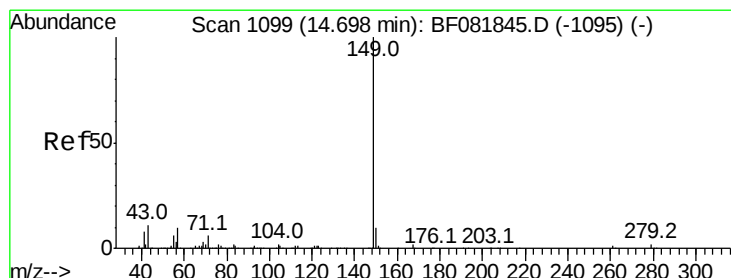
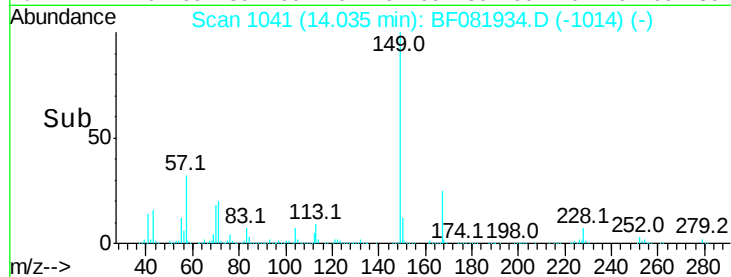
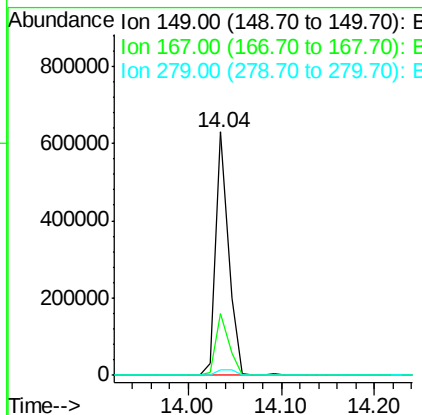
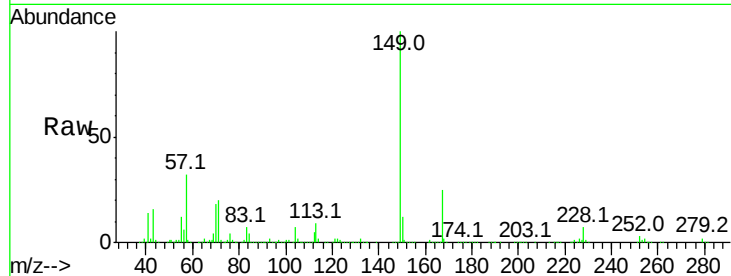




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.64 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

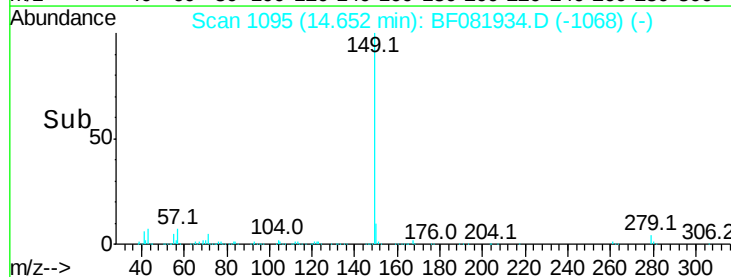
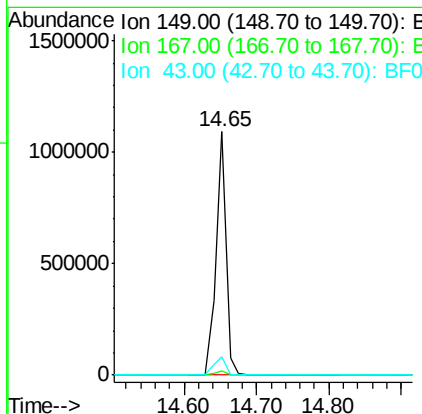
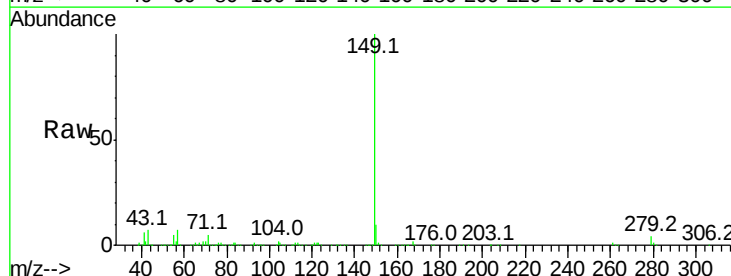
Instrument :
 BNA_F
 ClientSampleId :

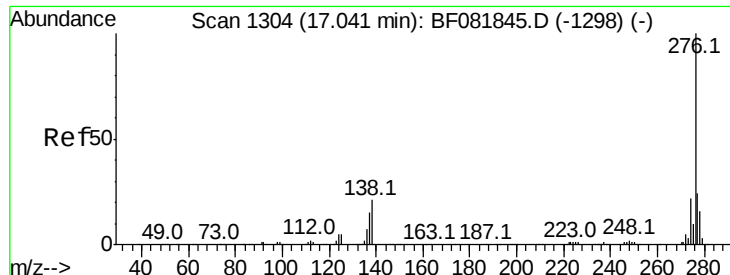
Tot Ion:149 Resp: 599249
 Ion Ratio Lower Upper
 149 100
 167 25.4 24.2 36.2
 279 2.4 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 53.30 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:149 Resp: 1047109
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 8.8 10.2 15.2#

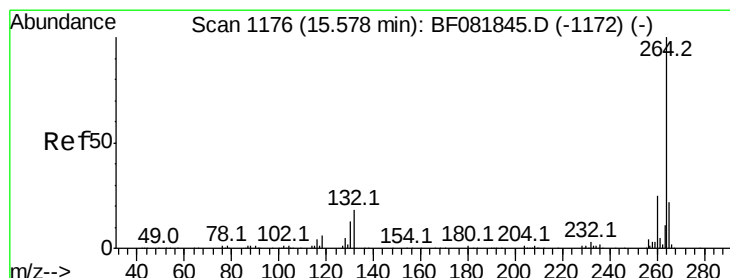
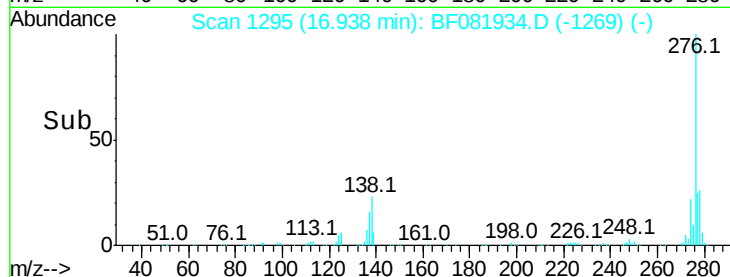
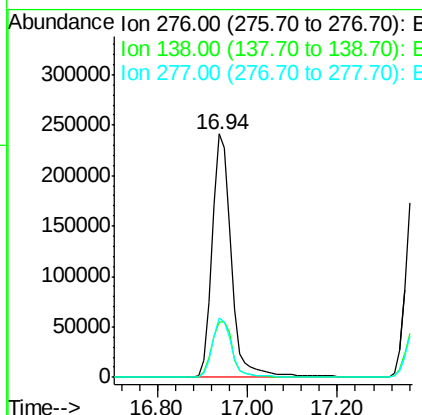
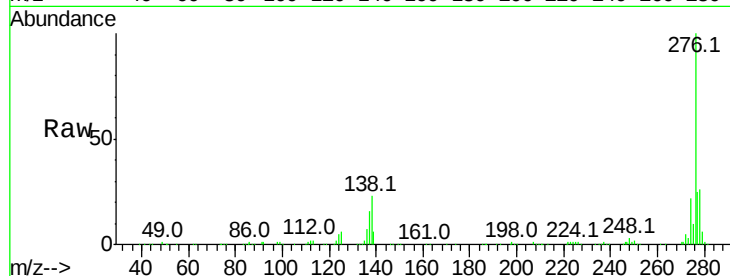




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.78 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

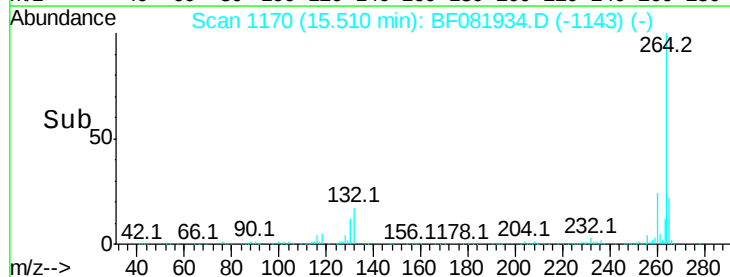
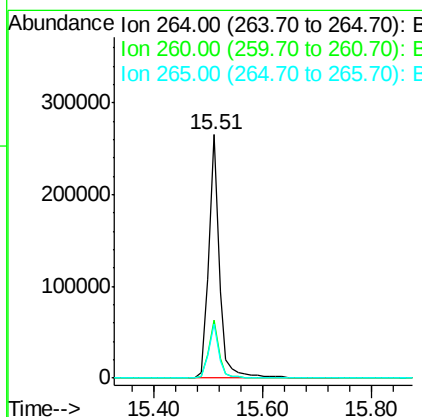
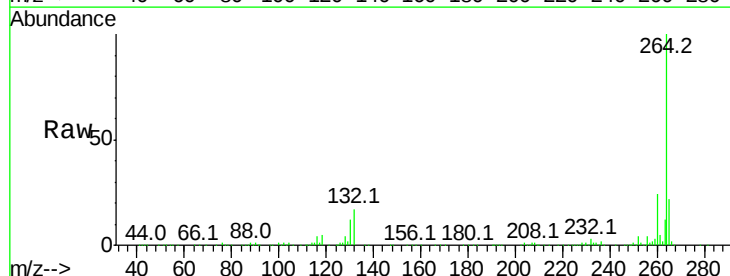
Instrument :
 BNA_F
 ClientSampleId :

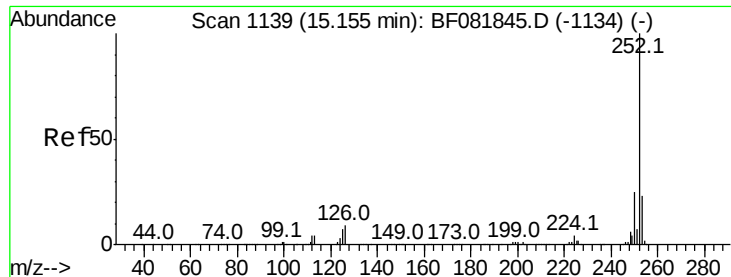
Tot Ion:276 Resp: 717465
 Ion Ratio Lower Upper
 276 100
 138 25.1 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:264 Resp: 366143
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 80.81 ng

RT: 15.12 min Scan# 1136

Delta R.T. 0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampled :

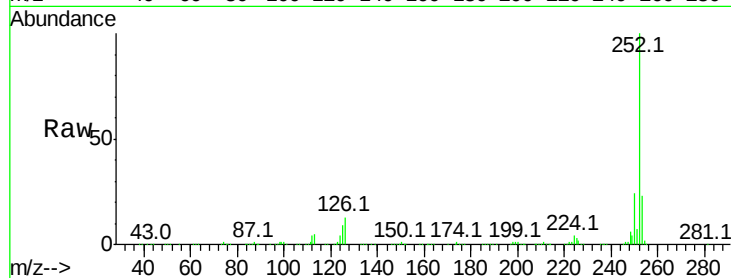
Tot Ion:252 Resp: 1689371

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

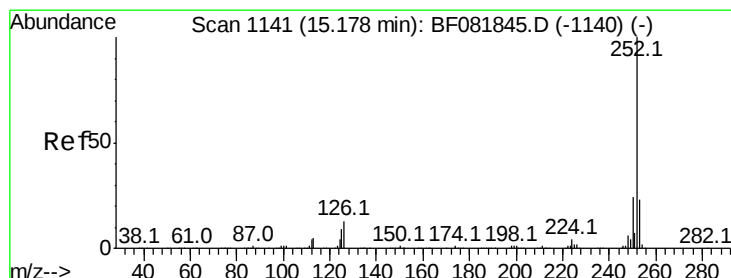
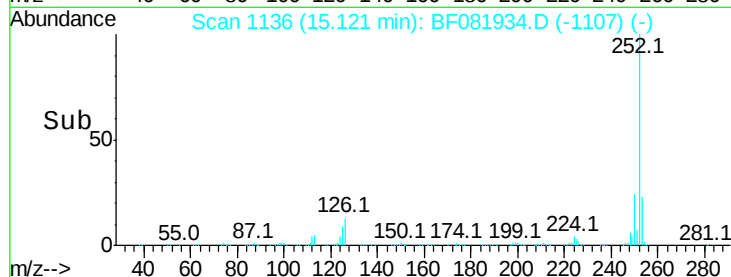
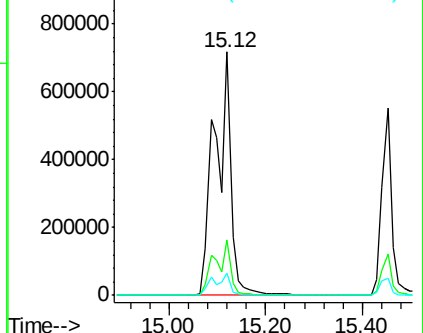
125 8.9 17.1 25.7#



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: 88.21 ng

RT: 15.12 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

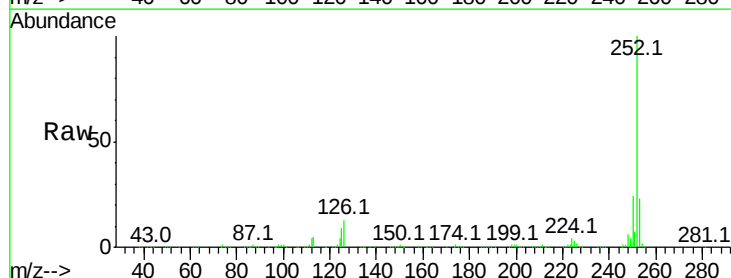
Tgt Ion:252 Resp: 1690029

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

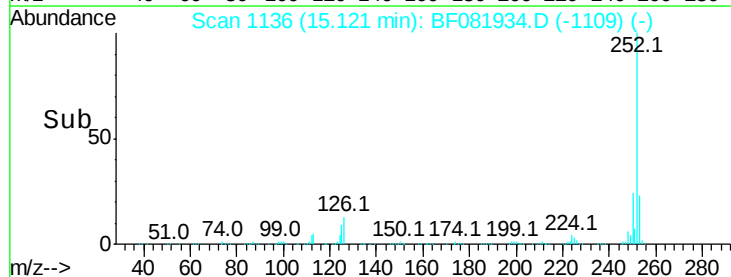
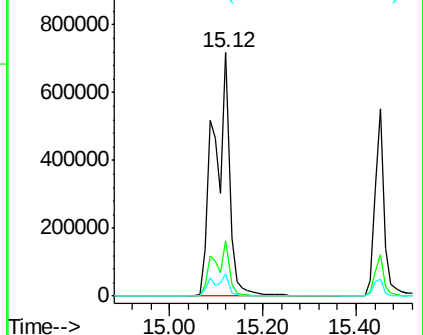
125 8.9 16.0 24.0#

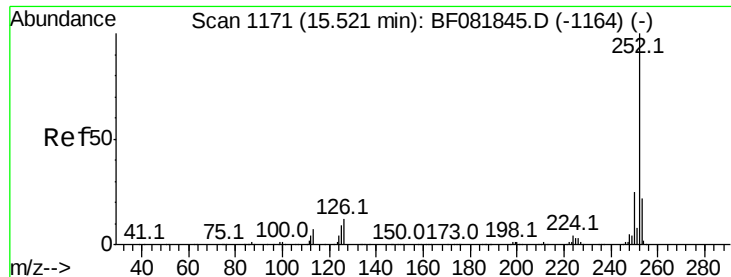


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.03 ng

RT: 15.45 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

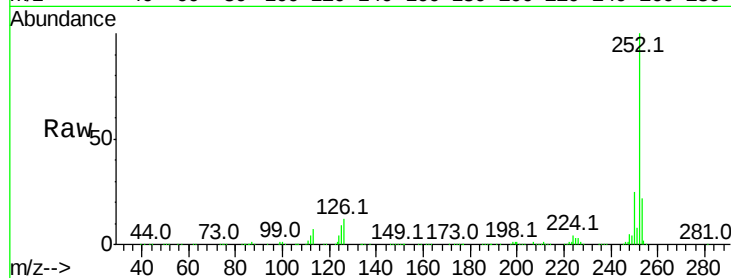
Tot Ion:252 Resp: 798479

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

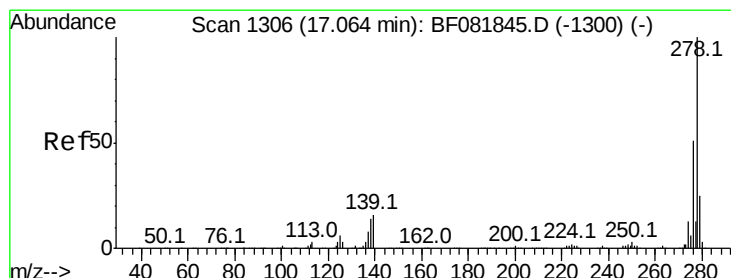
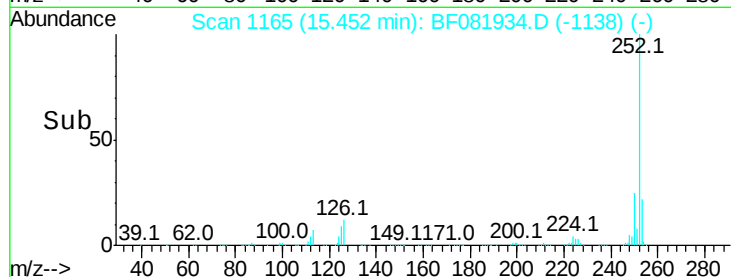
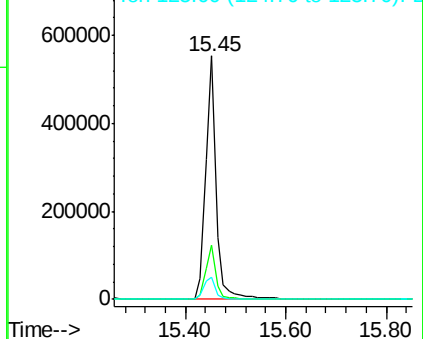
125 9.0 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 38.88 ng

RT: 16.96 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

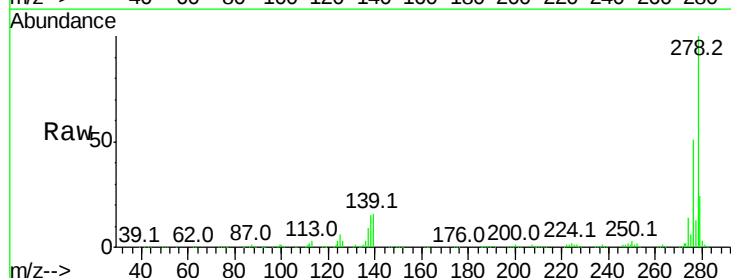
Tgt Ion:278 Resp: 591490

Ion Ratio Lower Upper

278 100

139 15.9 26.3 39.5#

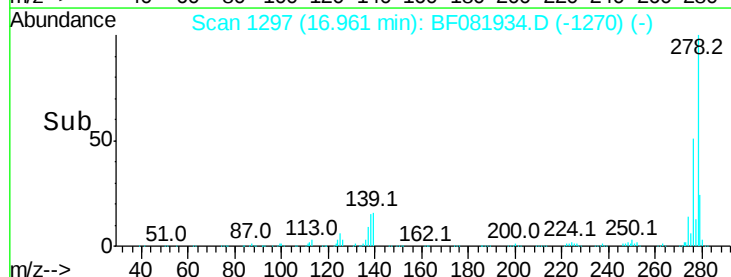
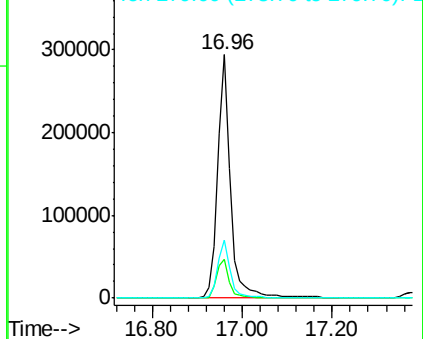
279 24.0 18.2 27.4

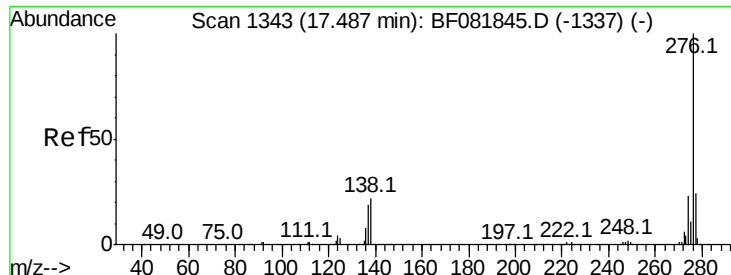


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.50 ng

RT: 17.37 min Scan# 1333

Delta R.T. -0.00 min

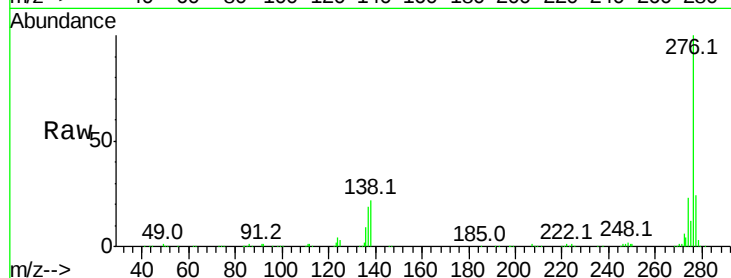
Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :



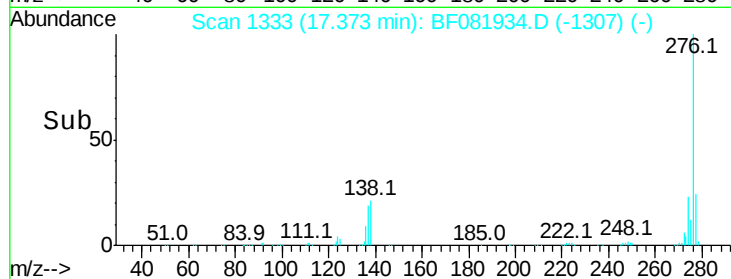
Tot Ion:276 Resp: 569021

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 21.6 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

