

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080895.D
 Acq On : 6 Aug 2015 18:28
 Operator : TP/UM
 Sample : PB84862BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 03:59:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	55672	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	223837	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	106292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	211017	20.00	ng	0.00
75) Chrysene-d12	13.96	240	184941	20.00	ng	0.00
86) Perylene-d12	15.36	264	183290	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	361990	103.65	ng	0.01
7) Phenol-d6	6.44	99	507690	105.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	353706	74.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	125579	109.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	556184	74.58	ng	0.00
78) Terphenyl-d14	12.91	244	592563	67.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	48300	28.55	ng	97
3) Pyridine	3.12	79	145037	30.49	ng	98
4) n-Nitrosodimethylamine	3.05	42	82262	33.42	ng	98
6) Aniline	6.46	93	176693	24.78	ng	99
8) 2-Chlorophenol	6.59	128	141188	35.61	ng	97
9) Benzaldehyde	6.35	77	26894	8.12	ng	92
10) Phenol	6.45	94	197128	34.17	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	133526	32.69	ng	99
12) 1,3-Dichlorobenzene	6.75	146	148552	34.54	ng	97
13) 1,4-Dichlorobenzene	6.83	146	149936	34.23	ng	99
14) 1,2-Dichlorobenzene	6.98	146	138322	34.45	ng	98
15) Benzyl Alcohol	6.96	79	142570	37.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	285365	34.04	ng	99
17) 2-Methylphenol	7.07	107	128632	36.20	ng	98
18) Hexachloroethane	7.32	117	57112	34.34	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	120572	35.22	ng	# 94
20) 3+4-Methylphenols	7.22	107	145933	33.88	ng	98
22) Acetophenone	7.22	105	191661	34.24	ng	94
24) Nitrobenzene	7.39	77	153730	31.75	ng	96
25) Isophorone	7.63	82	295806	32.48	ng	95
26) 2-Nitrophenol	7.71	139	73780	36.30	ng	95
27) 2,4-Dimethylphenol	7.76	122	145100	37.21	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	177551	32.89	ng	99
29) 2,4-Dichlorophenol	7.95	162	114502	36.84	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	120746	35.04	ng	98
31) Naphthalene	8.12	128	406011	33.43	ng	100
32) Benzoic acid	7.87	122	95711	38.60	ng	95
33) 4-Chloroaniline	8.17	127	105632	21.04	ng	# 93
34) Hexachlorobutadiene	8.24	225	65284	33.29	ng	99
35) Caprolactam	8.53	113	28122	24.24	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	133751	35.72	ng	97
37) 2-Methylnaphthalene	8.81	142	272853	36.44	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	109863	33.93	ng	98
40) Hexachlorocyclopentadiene	8.97	237	152249	81.95	ng	99

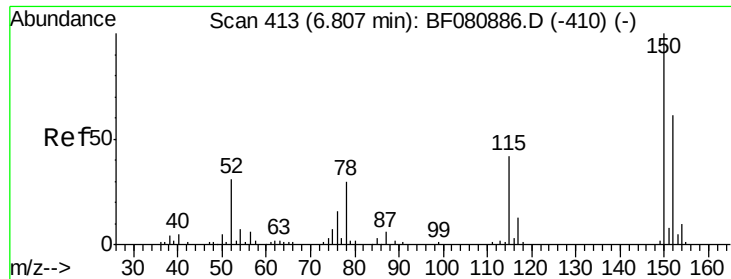
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080895.D
 Acq On : 6 Aug 2015 18:28
 Operator : TP/UM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	80032	33.50	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	87012	35.93	nq	# 91
45) 1,1'-Biphenyl	9.28	154	339825	37.79	nq	100
46) 2-Chloronaphthalene	9.30	162	253303	36.03	nq	97
47) 2-Nitroaniline	9.39	65	113933	39.84	nq	97
48) Acenaphthylene	9.71	152	446341	36.19	nq	100
49) Dimethylphthalate	9.57	163	286059	33.89	nq	99
50) 2,6-Dinitrotoluene	9.63	165	60001	33.15	nq	99
51) Acenaphthene	9.88	154	307482	41.04	nq	99
52) 3-Nitroaniline	9.80	138	58699	26.23	nq	85
53) 2,4-Dinitrophenol	9.90	184	73142	73.75	nq	# 84
54) Dibenzofuran	10.05	168	381565	37.60	nq	98
55) 4-Nitrophenol	9.96	139	115448	68.36	nq	# 68
56) 2,4-Dinitrotoluene	10.04	165	92133	37.84	nq	# 57
57) Fluorene	10.40	166	302807	38.13	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	70998	36.74	nq	100
59) Diethylphthalate	10.28	149	330955	35.99	nq	95
60) 4-Chlorophenyl-phenylether	10.38	204	125026	33.59	nq	98
61) 4-Nitroaniline	10.42	138	82167	35.80	nq	94
62) Azobenzene	10.54	77	360491	35.78	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	52903	38.48	nq	98
65) n-Nitrosodiphenylamine	10.51	169	281434	37.43	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	81421	35.50	nq	98
67) Hexachlorobenzene	10.94	284	92109	37.14	nq	97
68) Atrazine	11.04	200	80226	36.96	nq	97
69) Pentachlorophenol	11.14	266	111961	80.55	nq	97
70) Phenanthrene	11.36	178	459939	37.25	nq	99
71) Anthracene	11.40	178	428039	35.22	nq	100
72) Carbazole	11.56	167	461277	37.58	nq	99
73) Di-n-butylphthalate	11.89	149	515969	34.48	nq	99
74) Fluoranthene	12.53	202	491176	36.38	nq	98
76) Benzidine	12.66	184	227255	30.08	nq	98
77) Pyrene	12.76	202	512278	37.27	nq	99
79) Butylbenzylphthalate	13.39	149	260665	39.65	nq	98
80) Benzo(a)anthracene	13.95	228	438818	36.32	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	109385	24.18	nq	# 96
82) Chrysene	13.99	228	439204	38.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	345022	38.29	nq	100
84) Di-n-octyl phthalate	14.56	149	598839	37.71	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	410235	36.48	nq	100
87) Benzo(b)fluoranthene	14.99	252	839619	65.23	nq	# 97
88) Benzo(k)fluoranthene	14.99	252	839619	77.43	nq	99
89) Benzo(a)pyrene	15.31	252	419024	37.77	nq	# 98
90) Dibenzo(a,h)anthracene	16.74	278	346688	36.26	nq	98
91) Benzo(g,h,i)perylene	17.13	276	336949	36.35	nq	97

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

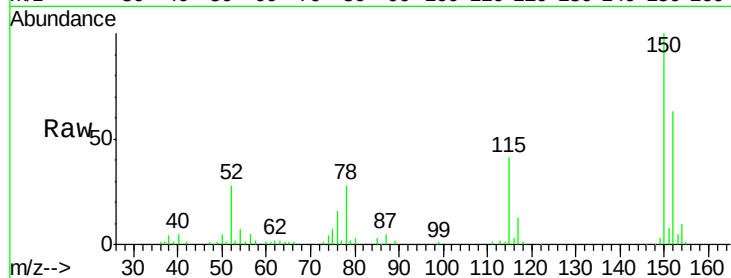


#1

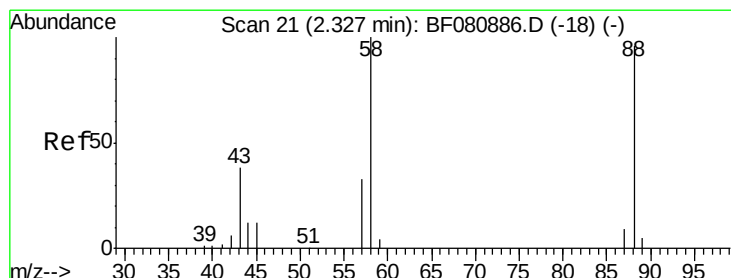
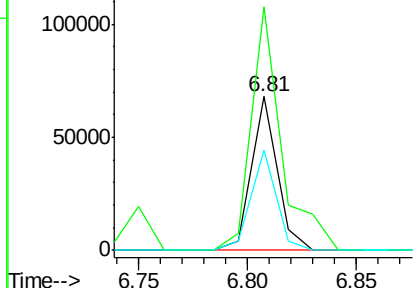
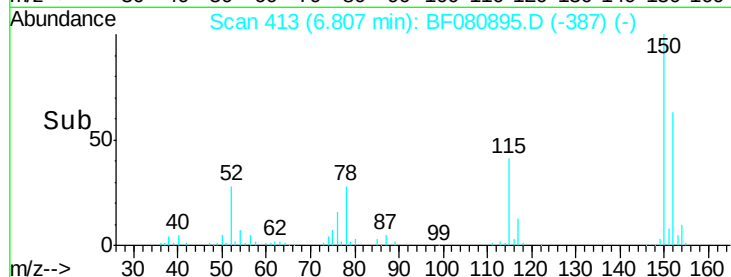
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55672
Ion Ratio Lower Upper
152 100
150 158.4 132.2 198.2
115 65.1 54.9 82.3



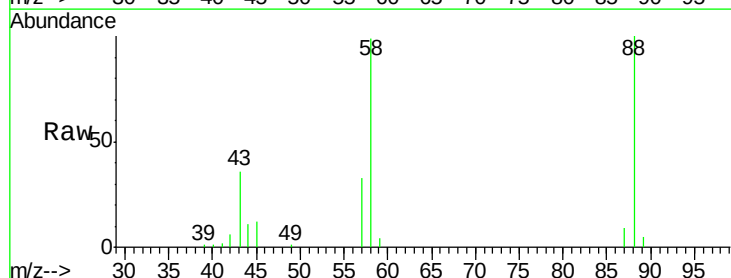
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



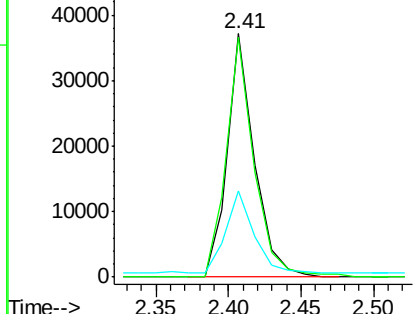
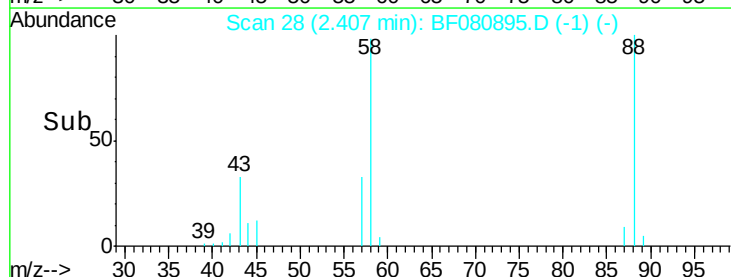
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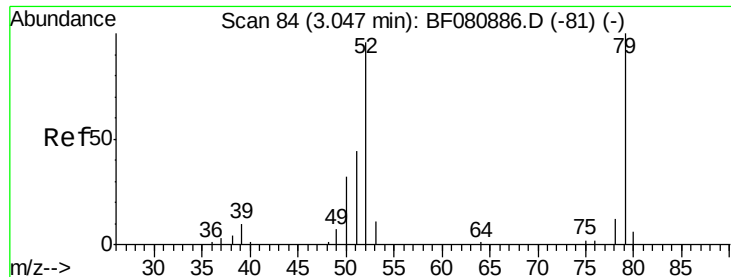
1,4-Dioxane
Concen: 28.55 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.08 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion: 88 Resp: 48300
Ion Ratio Lower Upper
88 100
58 101.2 78.2 117.4
43 35.6 29.1 43.7



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

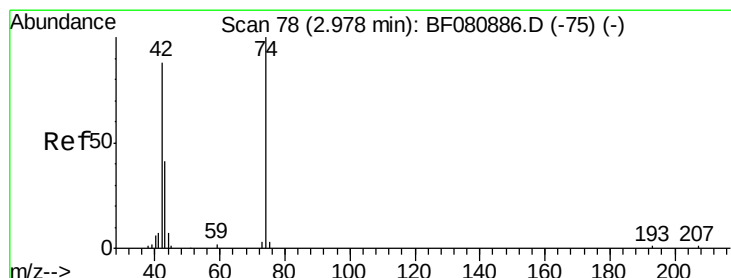
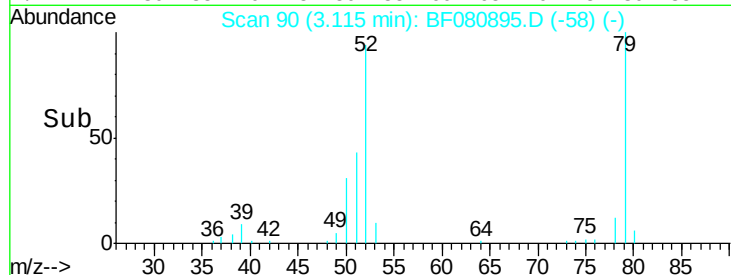
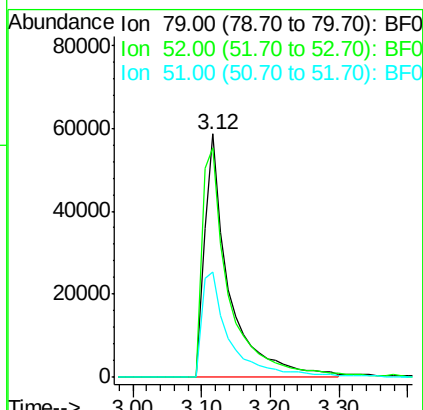
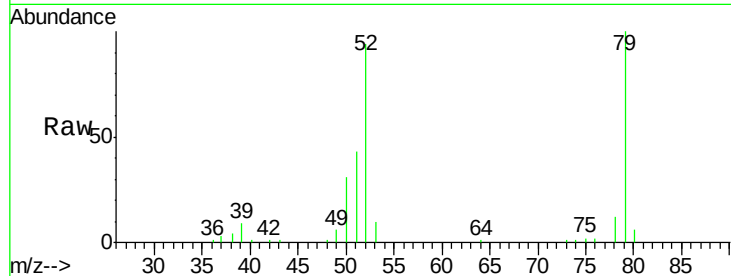




#3
 Pvridine
 Concen: 30.49 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.07 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

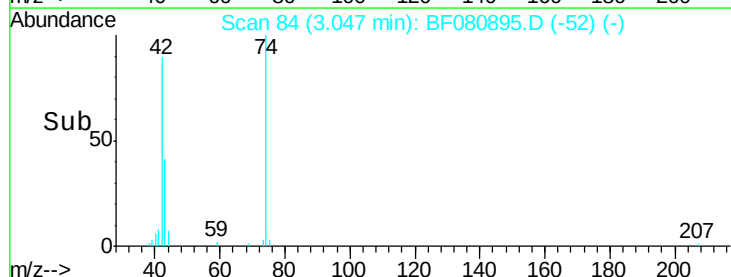
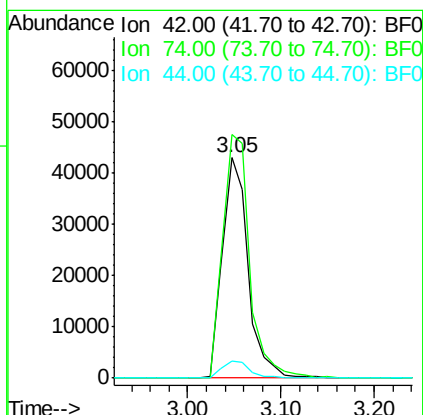
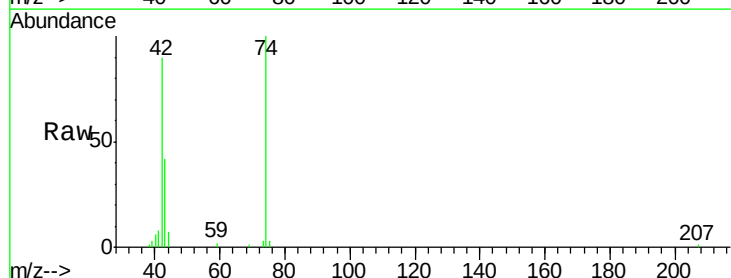
Instrument :
 BNA_F
 ClientSampleId :

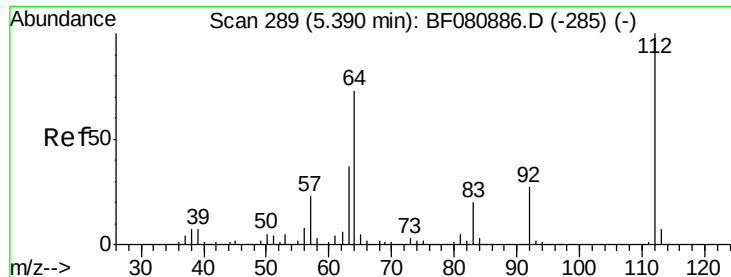
Tot Ion: 79 Resp: 145037
 Ion Ratio Lower Upper
 79 100
 52 94.4 76.7 115.1
 51 43.3 35.8 53.6



#4
 n-Nitrosodimethylamine
 Concen: 33.42 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.07 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion: 42 Resp: 82262
 Ion Ratio Lower Upper
 42 100
 74 110.6 90.6 135.8
 44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 103.65 ng

RT: 5.40 min Scan# 290

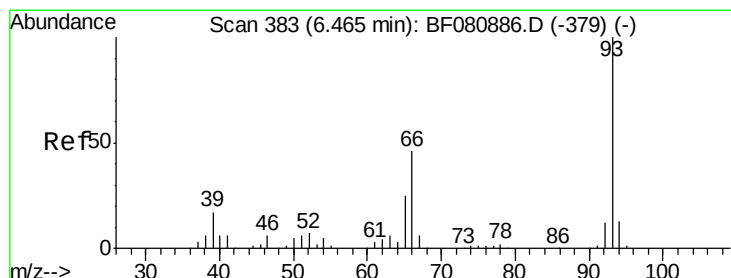
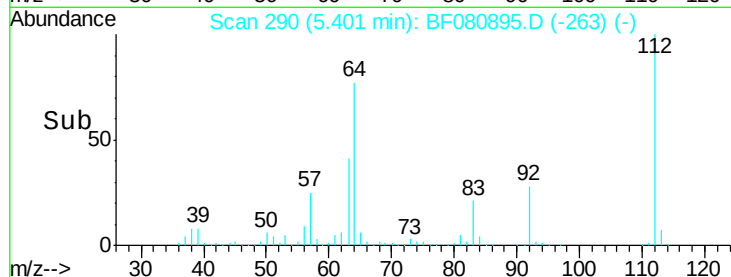
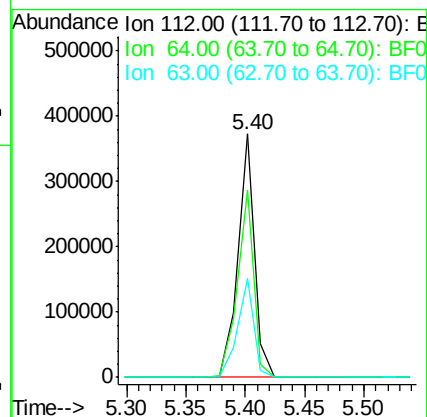
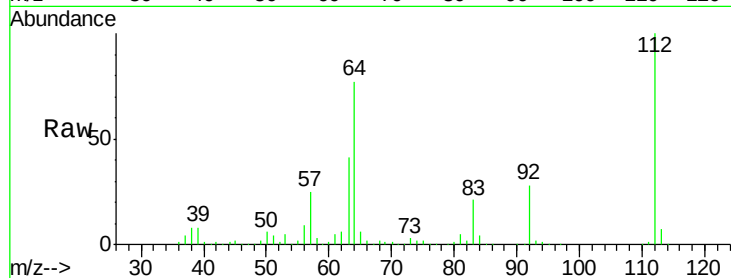
Delta R.T. 0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	361990
Ion	Ratio	Lower	Upper
112	100		
64	77.1	58.0	87.0
63	40.6	29.8	44.8



#6

Aniline

Concen: 24.78 ng

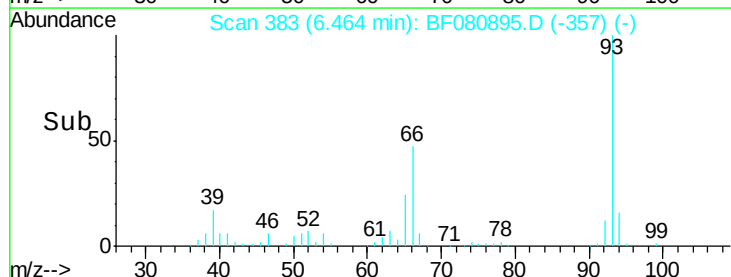
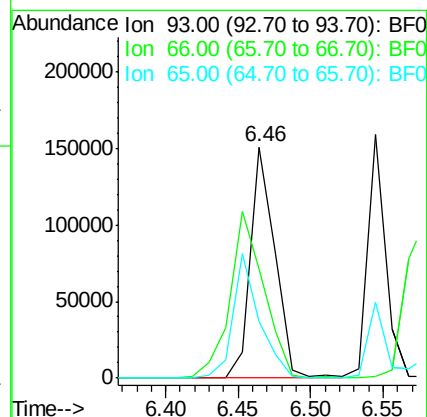
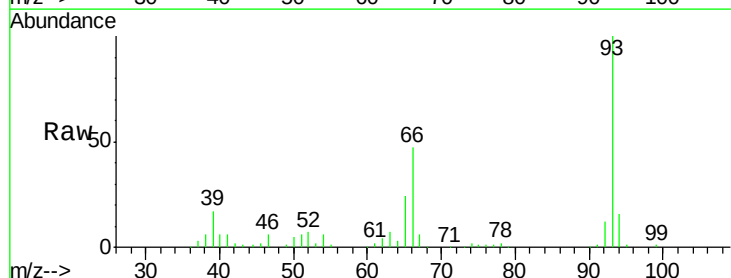
RT: 6.46 min Scan# 383

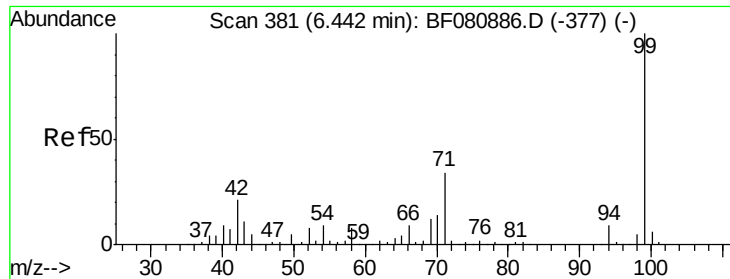
Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:	93	Resp:	176693
Ion	Ratio	Lower	Upper
93	100		
66	47.0	37.4	56.0
65	24.3	19.8	29.6





#7

Phenol-d6

Concen: 105.60 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampled :

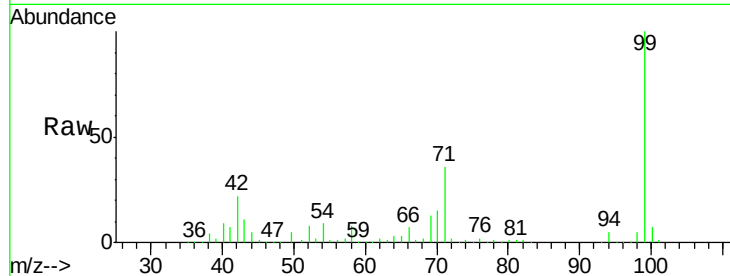
Tot Ion: 99 Resp: 507690

Ion Ratio Lower Upper

99 100

42 21.7 16.8 25.2

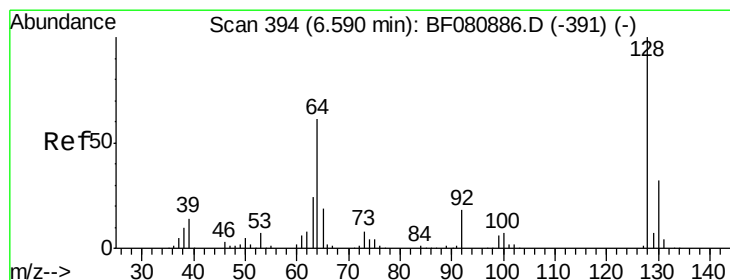
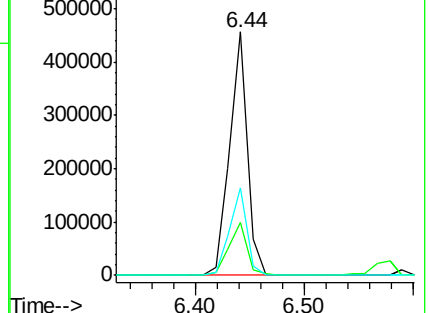
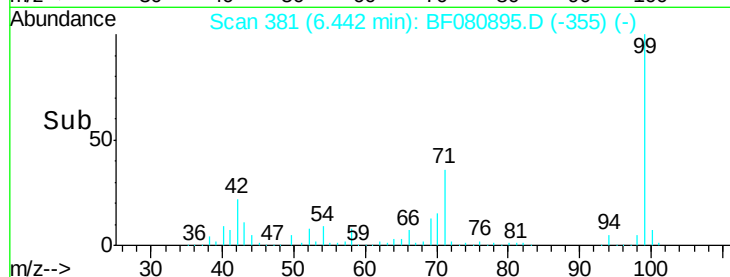
71 35.7 27.4 41.0



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: 35.61 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

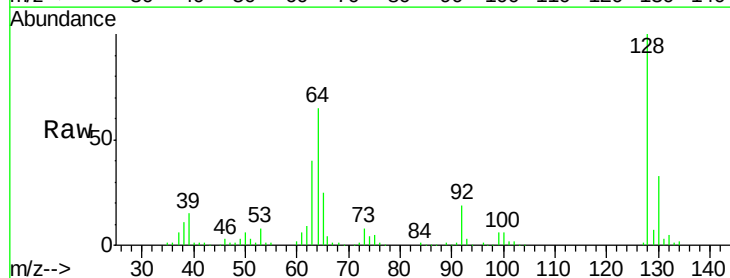
Tgt Ion: 128 Resp: 141188

Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

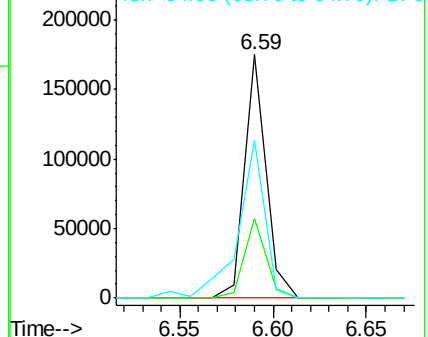
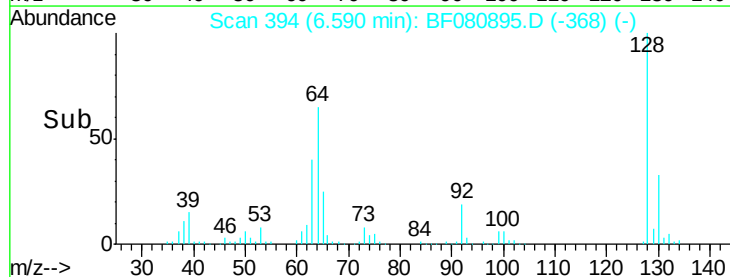
64 64.6 41.3 81.3

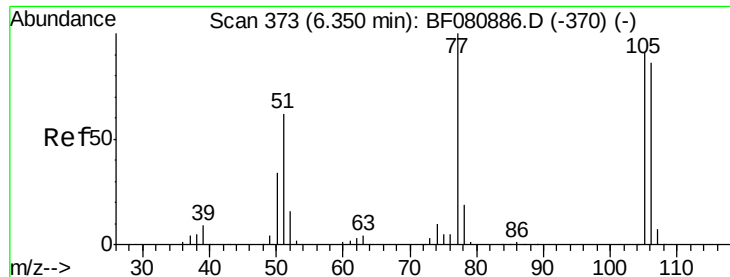


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

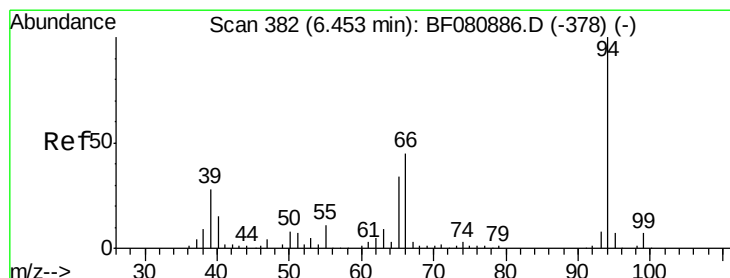
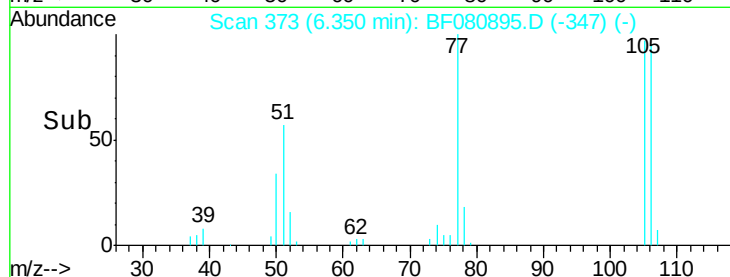
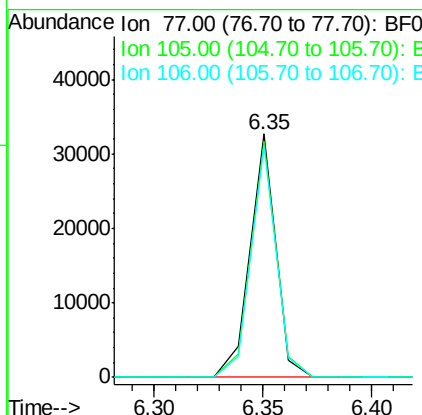
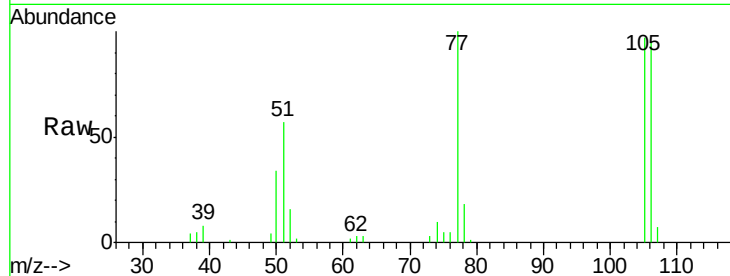




#9
Benzaldehyde
Concen: 8.12 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

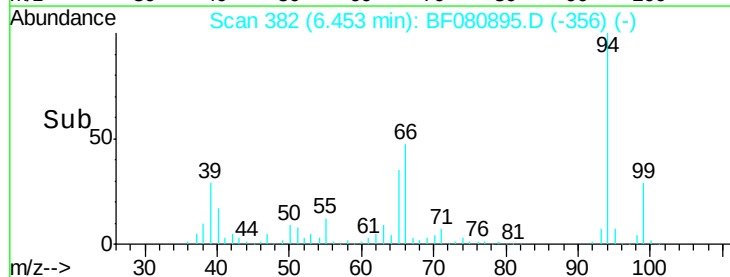
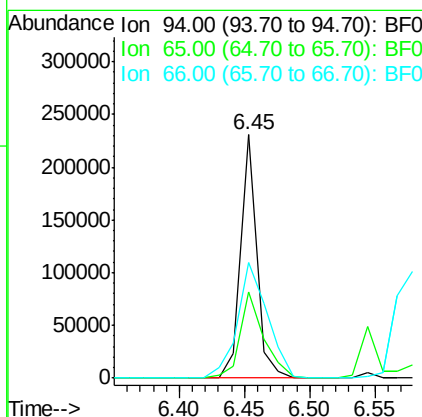
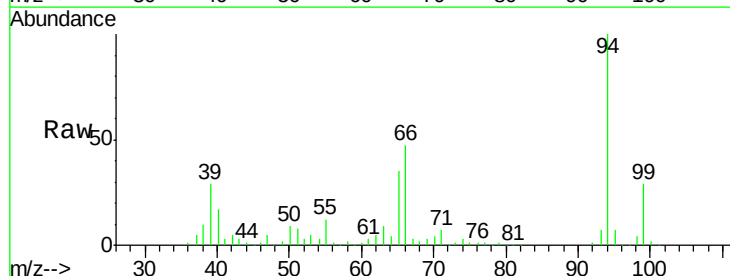
Instrument :
BNA_F
ClientSampled :

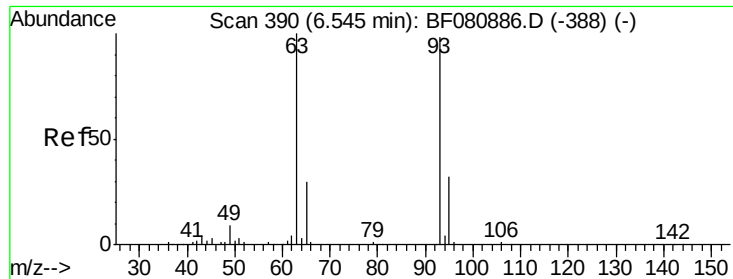
Tot Ion: 77 Resp: 26894
Ion Ratio Lower Upper
77 100
105 96.7 70.7 110.7
106 95.2 66.1 106.1



#10
Phenol
Concen: 34.17 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion: 94 Resp: 197128
Ion Ratio Lower Upper
94 100
65 35.2 14.0 54.0
66 47.3 24.6 64.6

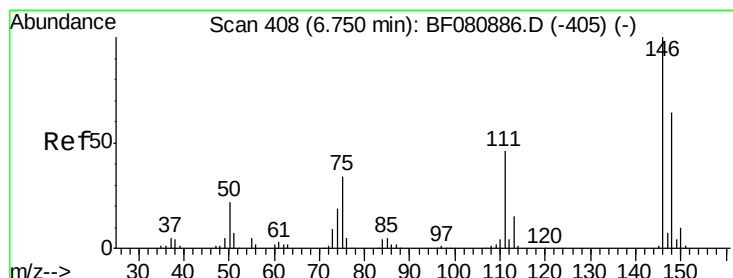
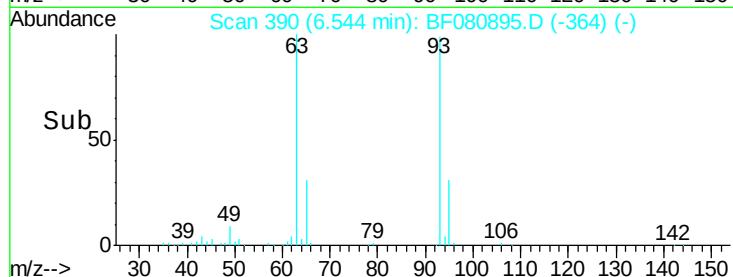
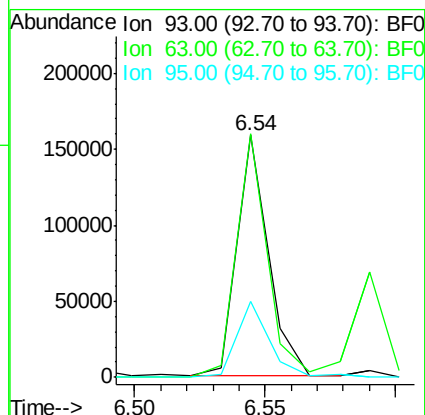
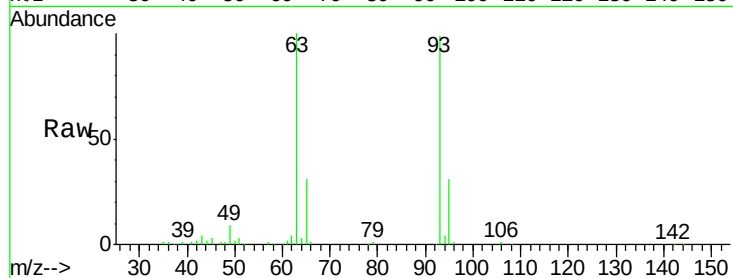




#11
bis(2-Chloroethyl)ether
Concen: 32.69 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

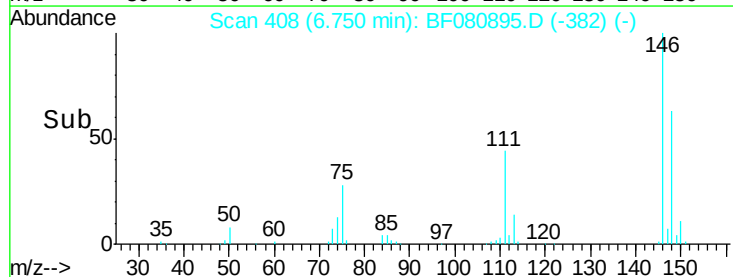
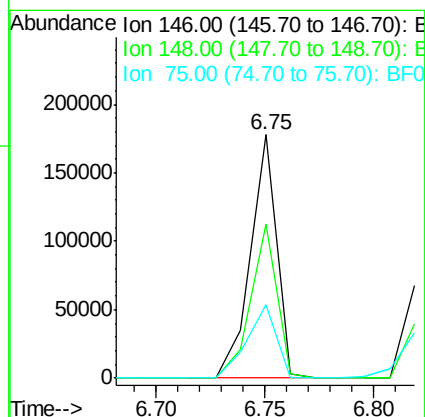
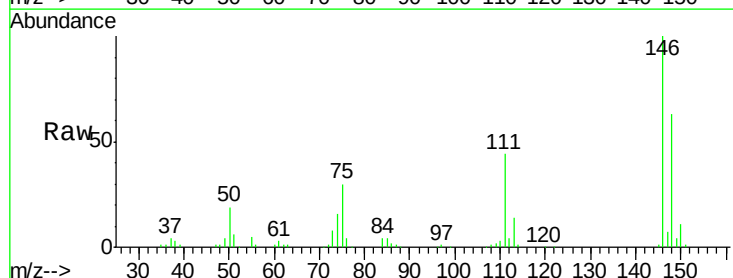
Instrument :
BNA_F
ClientSampleId :

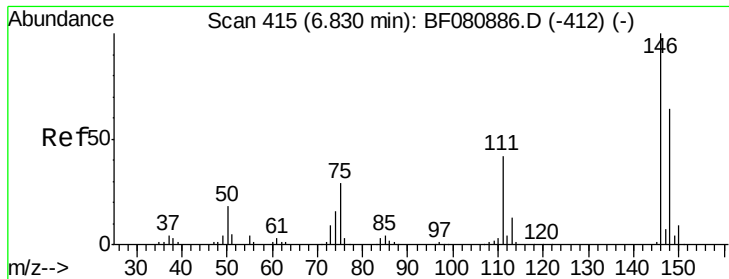
Tot Ion: 93 Resp: 133526
Ion Ratio Lower Upper
93 100
63 100.7 81.4 121.4
95 31.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 34.54 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion: 146 Resp: 148552
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 29.9 27.0 40.4

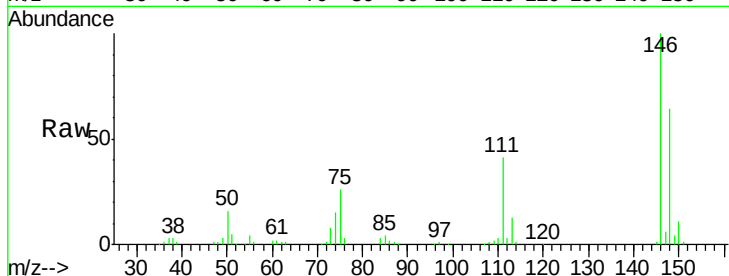




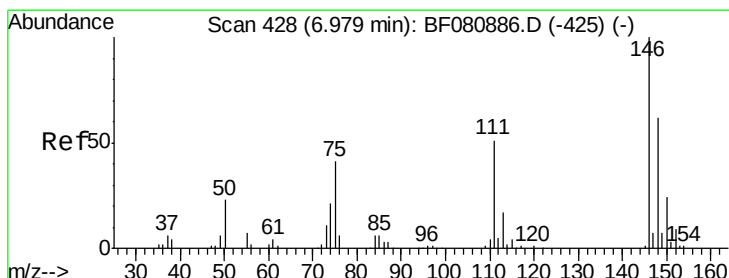
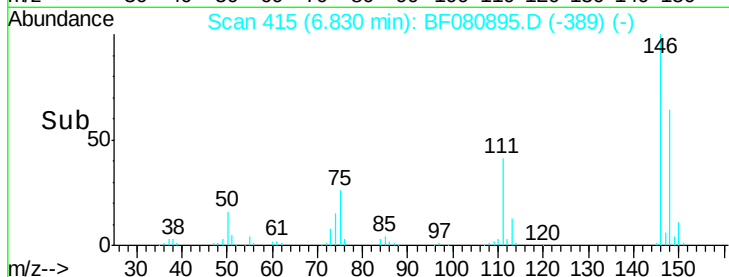
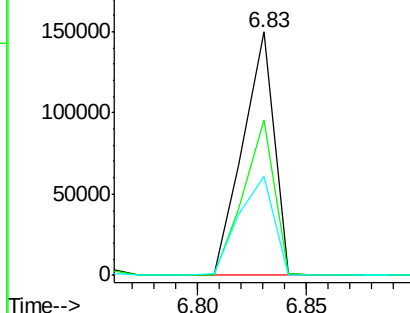
#13
 1,4-Dichlorobenzene
 Concen: 34.23 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 149936
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 40.6 33.8 50.6

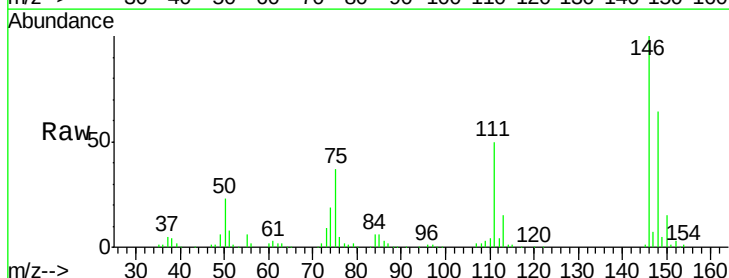


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

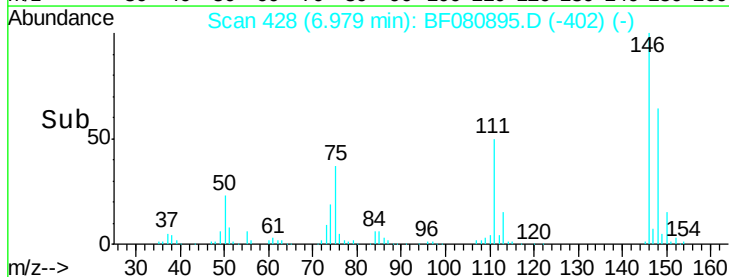
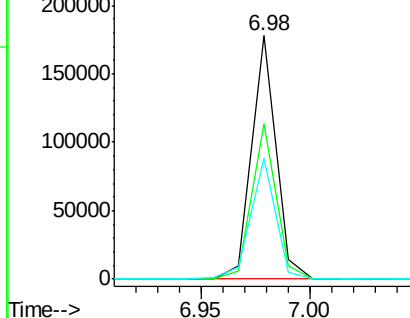


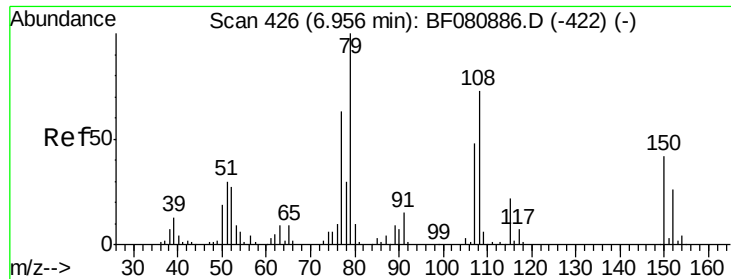
#14
 1,2-Dichlorobenzene
 Concen: 34.45 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:146 Resp: 138322
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.0 75.0
 111 49.6 41.0 61.6



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





#15

Benzyl Alcohol

Concen: 37.39 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampled :

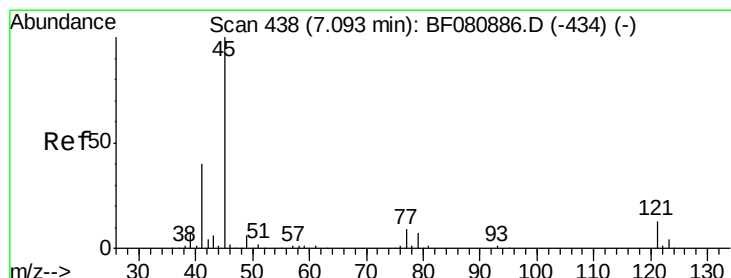
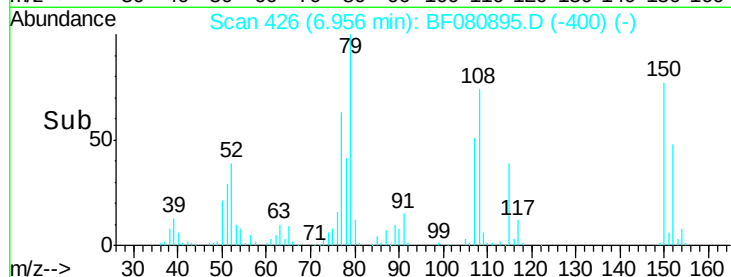
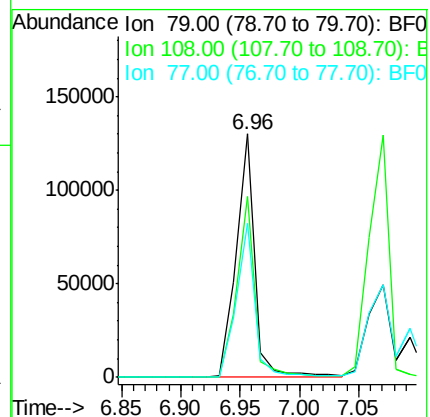
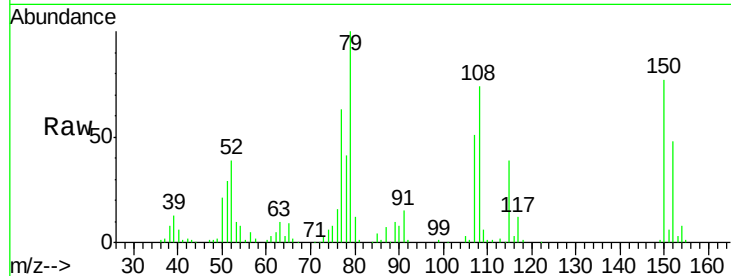
Tot Ion: 79 Resp: 142570

Ion Ratio Lower Upper

79 100

108 74.4 58.2 87.2

77 63.4 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.04 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

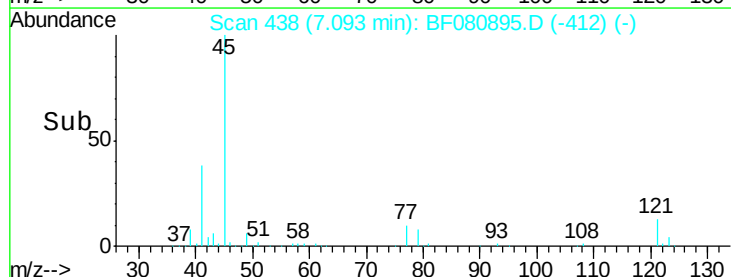
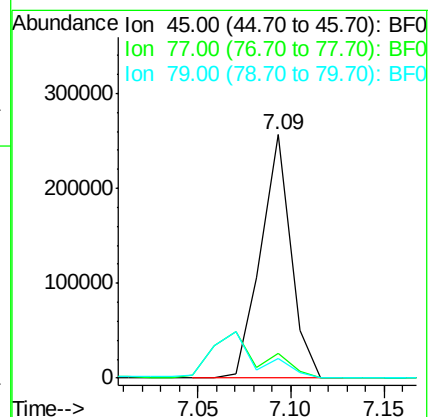
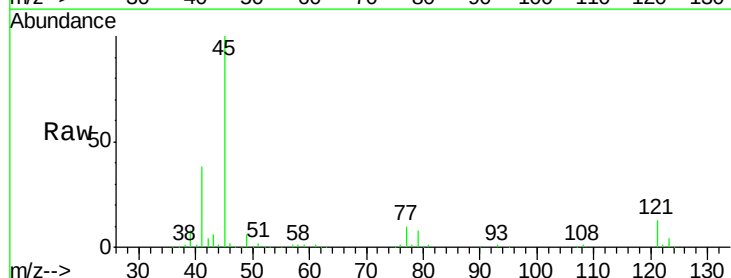
Tgt Ion: 45 Resp: 285365

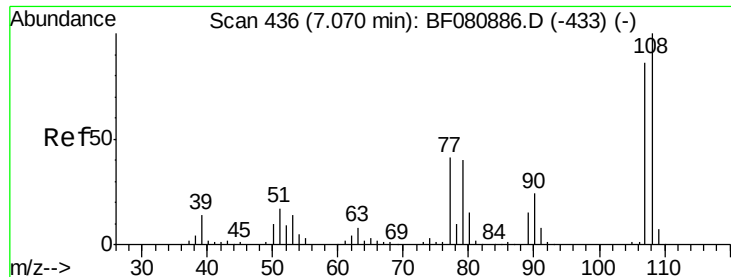
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.1

79 8.2 0.0 27.6

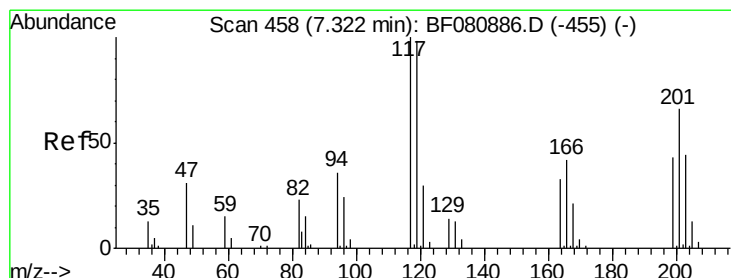
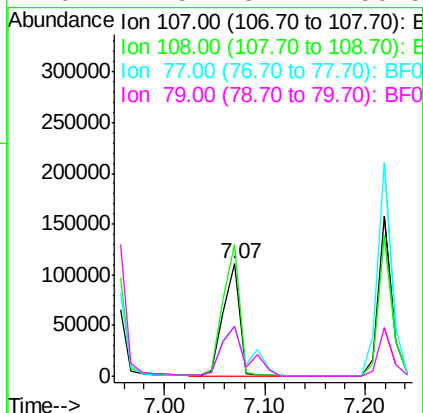
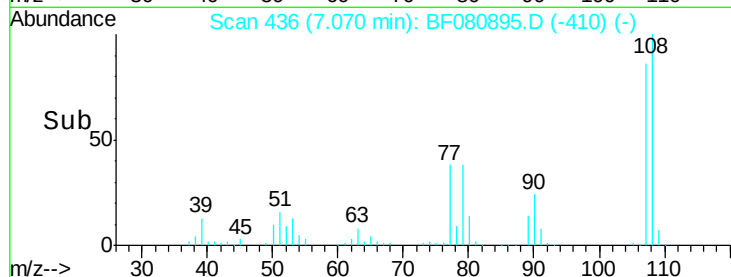
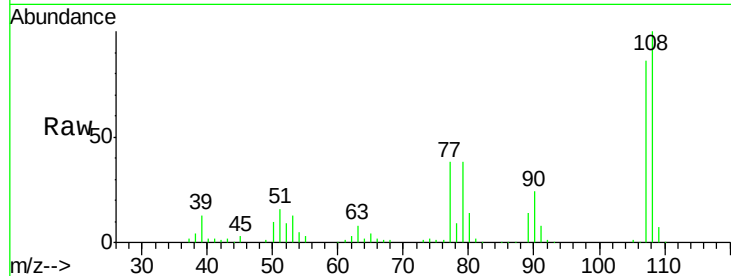




#17
2-Methylphenol
Concen: 36.20 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

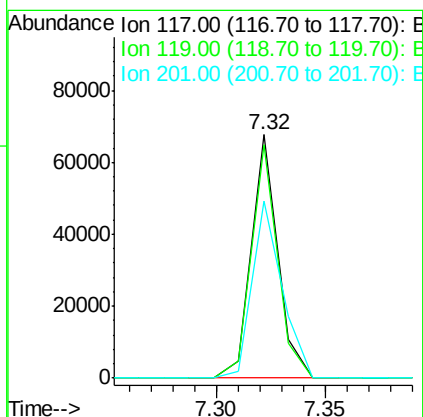
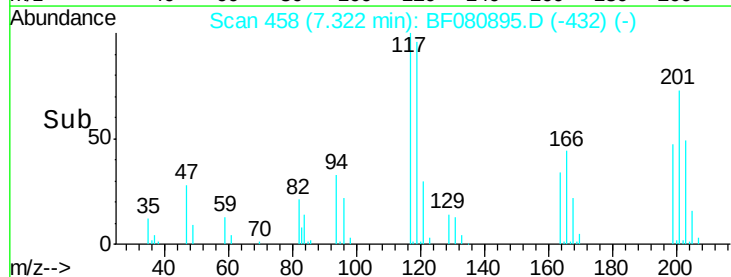
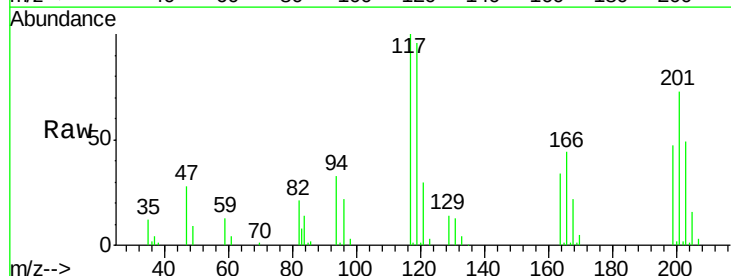
Instrument :
BNA_F
ClientSampleId :

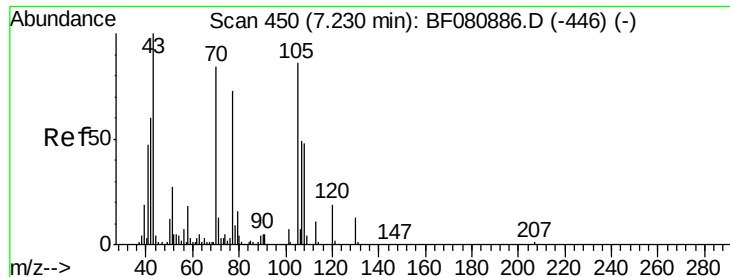
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.6	93.1	139.7
77	44.3	38.2	57.2
79	44.5	37.7	56.5



#18
Hexachloroethane
Concen: 34.34 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.4	117.6
201	72.6	53.1	79.7

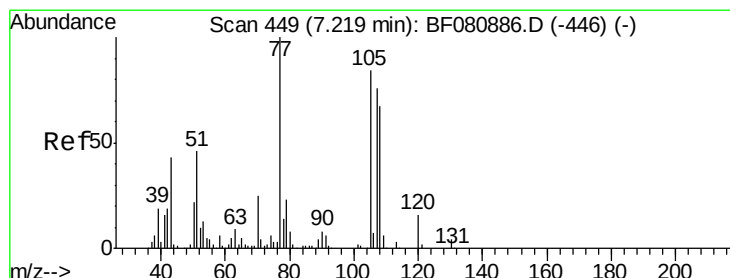
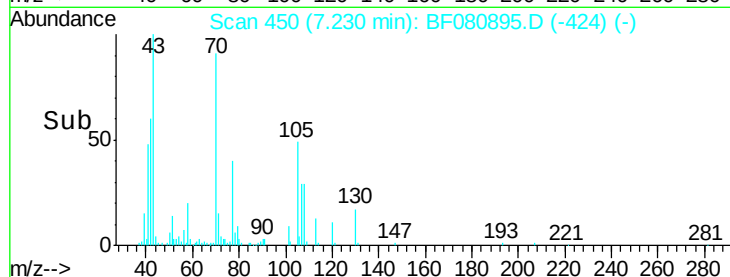
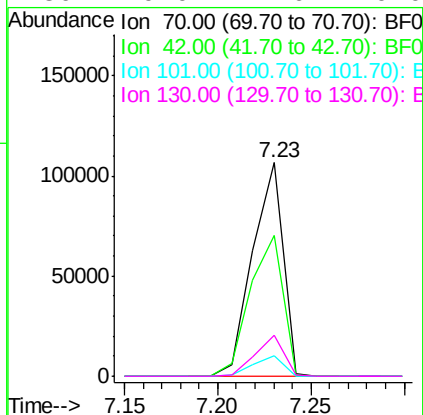
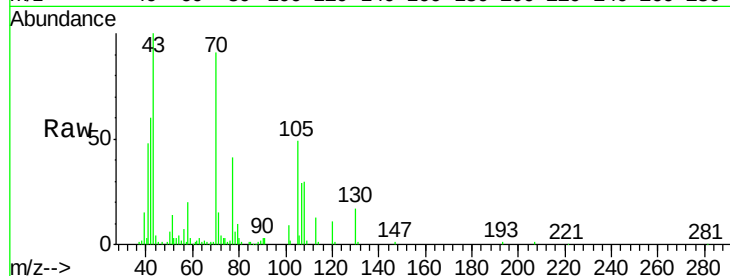




#19
n-Nitroso-di-n-propylamine
Concen: 35.22 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

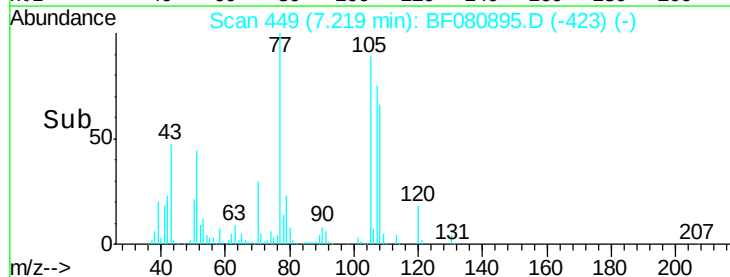
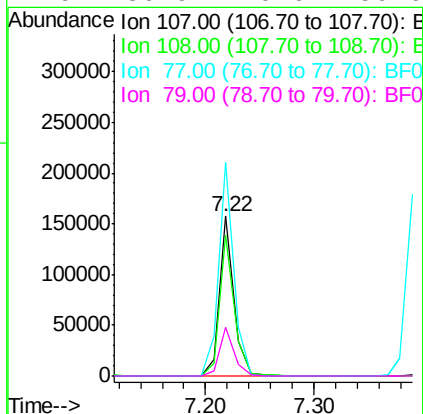
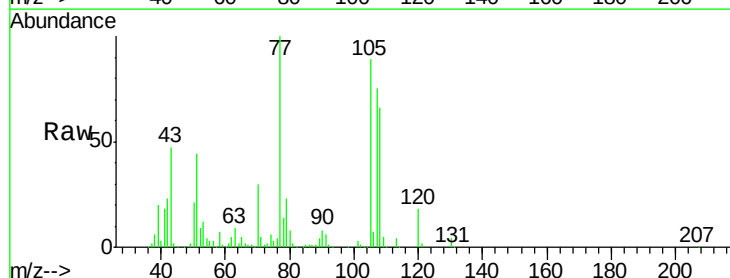
Instrument :
BNA_F
ClientSampleId :

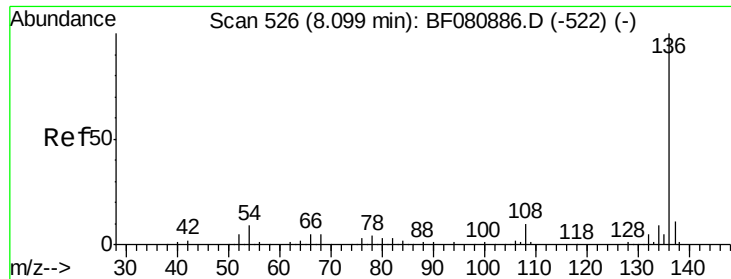
Tot Ion: 70 Resp: 120572
Ion Ratio Lower Upper
70 100
42 66.1 57.2 85.8
101 9.4 6.6 9.8
130 19.0 12.6 19.0#



#20
3+4-Methylphenols
Concen: 33.88 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion: 107 Resp: 145933
Ion Ratio Lower Upper
107 100
108 88.4 67.3 107.3
77 134.0 111.2 151.2
79 30.9 10.6 50.6

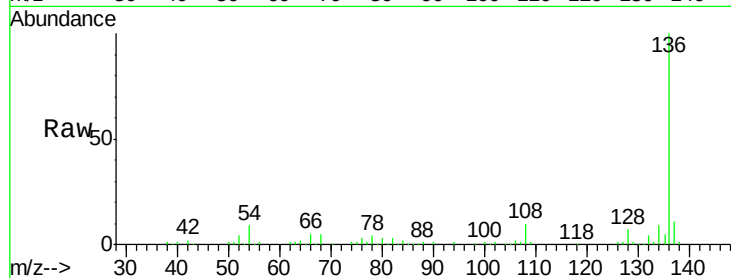




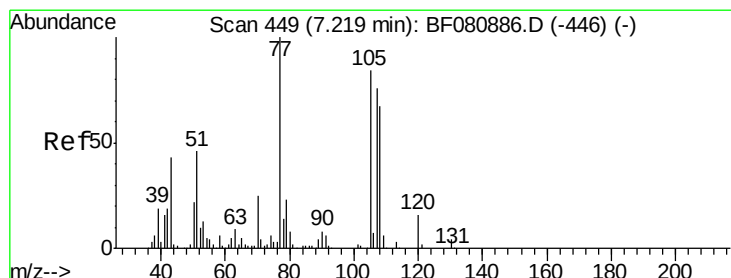
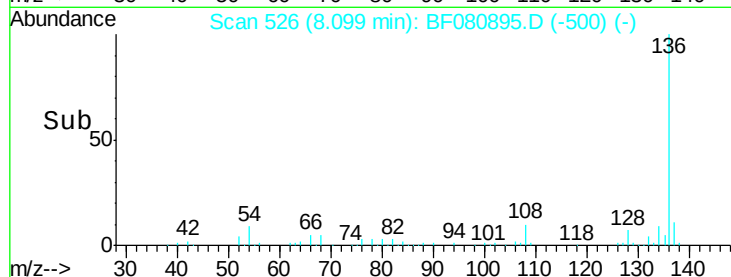
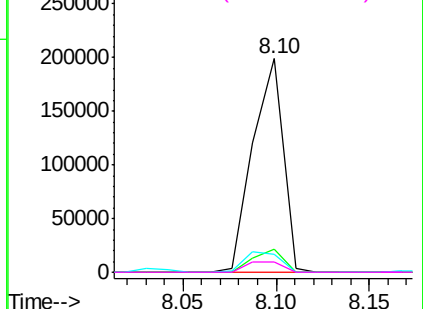
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	223837
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 12.8
54	8.7	7.5 11.3
68	4.9	4.2 6.2

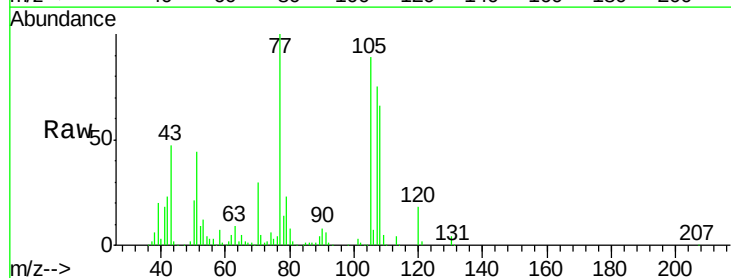


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

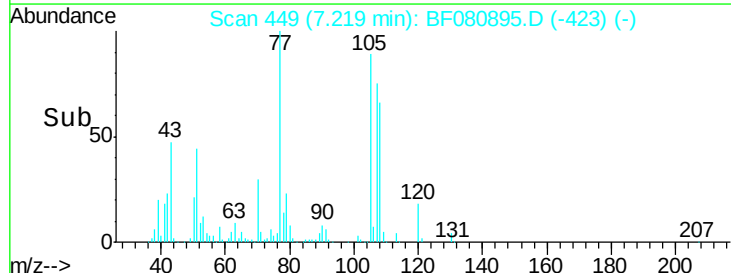
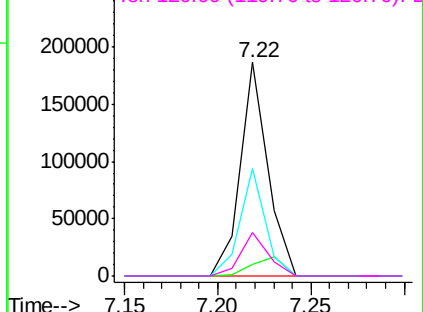


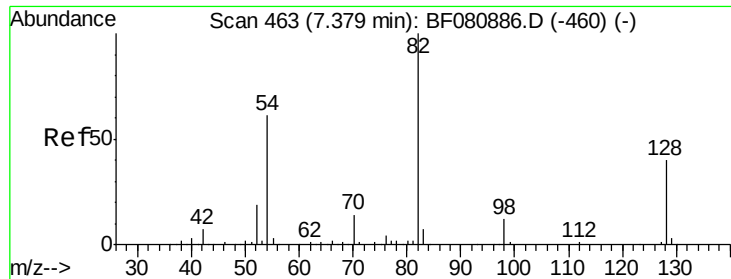
#22
Acetophenone
Concen: 34.24 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion:105	Resp:	191661
Ion Ratio	Lower	Upper
105	100	
71	5.5	3.8 5.8
51	50.1	44.2 66.4
120	20.2	15.4 23.0



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

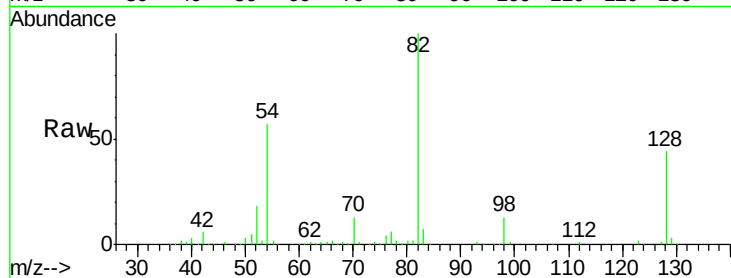




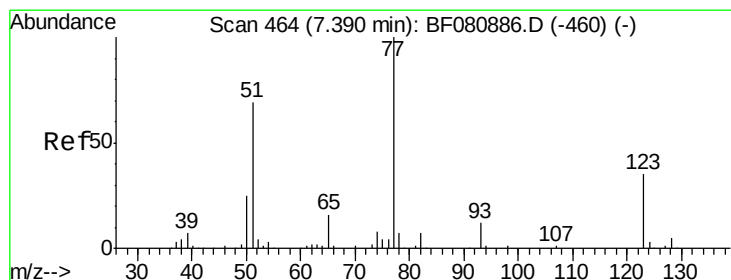
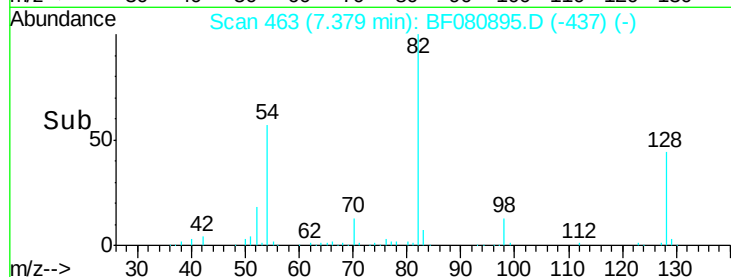
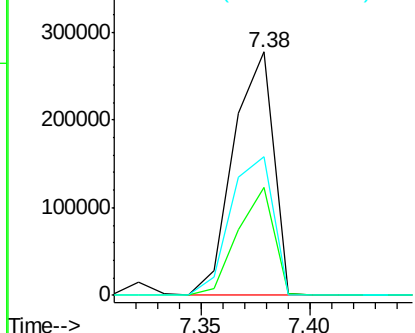
#23
 Nitrobenzene-d5
 Concen: 74.44 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	353706
Ion Ratio	Lower	Upper	
82	100		
128	44.2	31.8	47.6
54	56.8	48.6	72.8

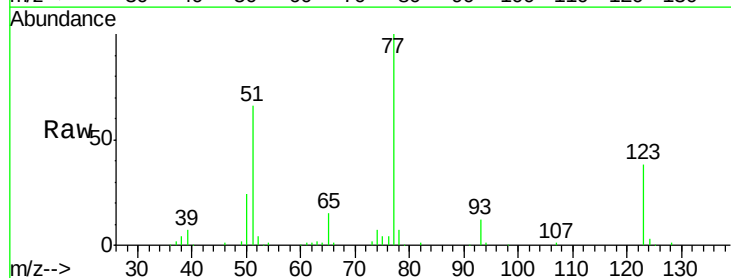


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

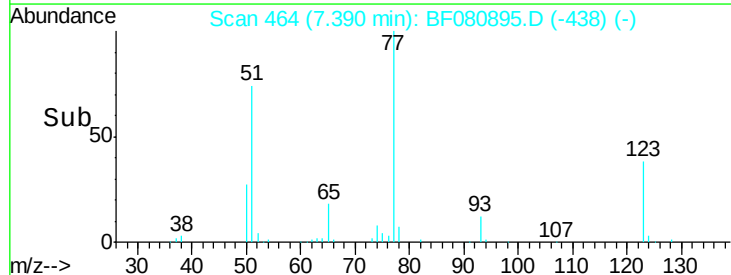
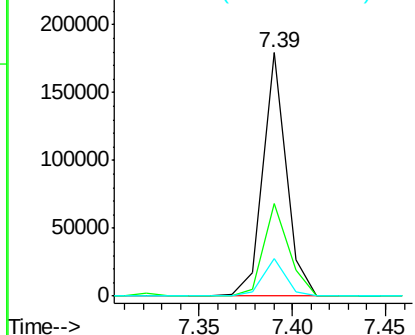


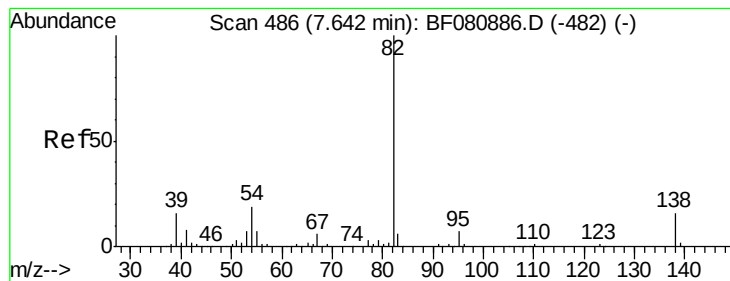
#24
 Nitrobenzene
 Concen: 31.75 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	77	Resp	153730
Ion Ratio	Lower	Upper	
77	100		
123	38.3	28.3	42.5
65	15.3	12.5	18.7



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: 32.48 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

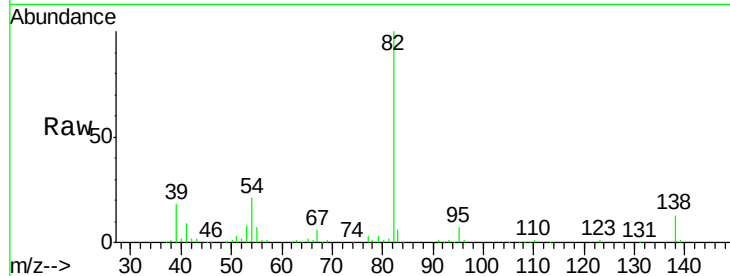
Tot Ion: 82 Resp: 295806

Ion Ratio Lower Upper

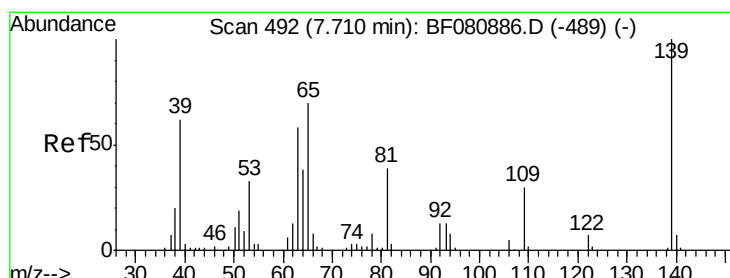
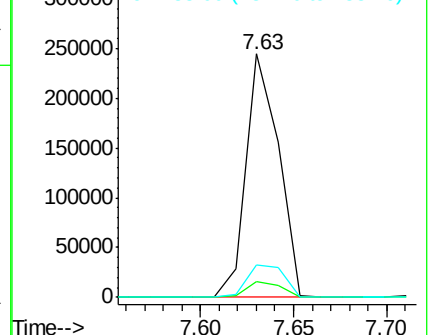
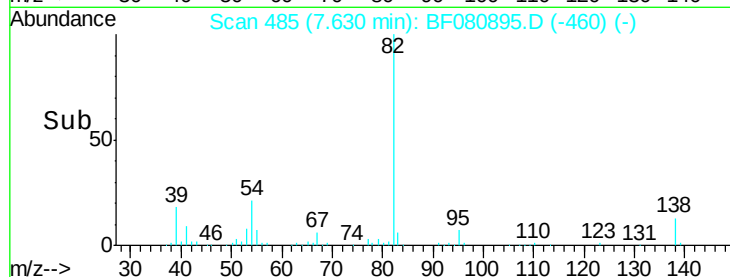
82 100

95 6.6 5.7 8.5

138 13.2 13.0 19.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.30 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

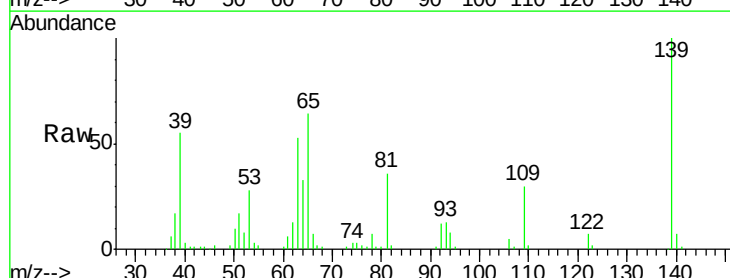
Tgt Ion: 139 Resp: 73780

Ion Ratio Lower Upper

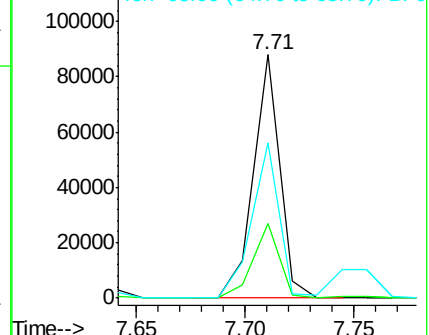
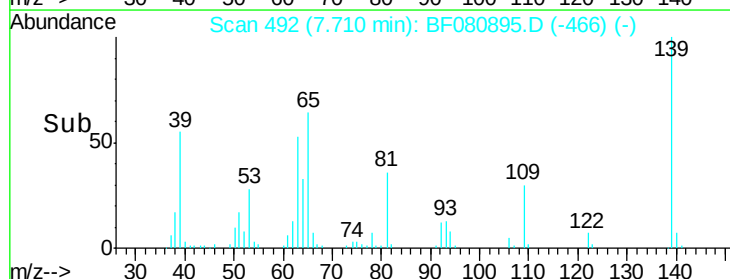
139 100

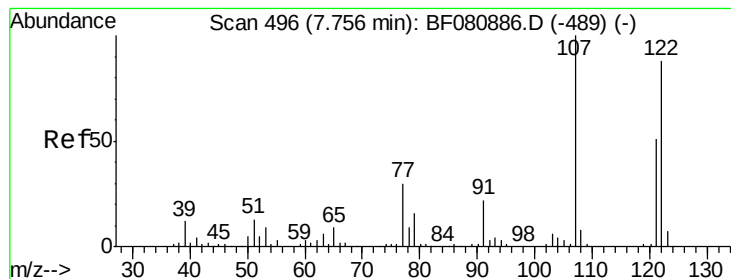
109 30.5 24.2 36.4

65 63.7 55.6 83.4



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





#27

2,4-Dimethylphenol

Concen: 37.21 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

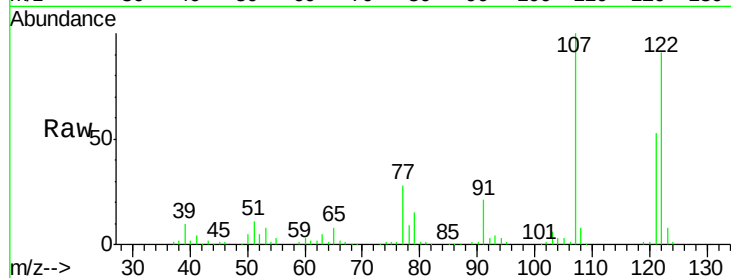
Tot Ion:122 Resp: 145100

Ion Ratio Lower Upper

122 100

107 110.4 91.1 136.7

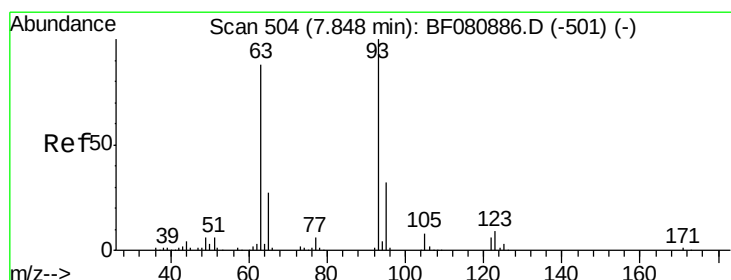
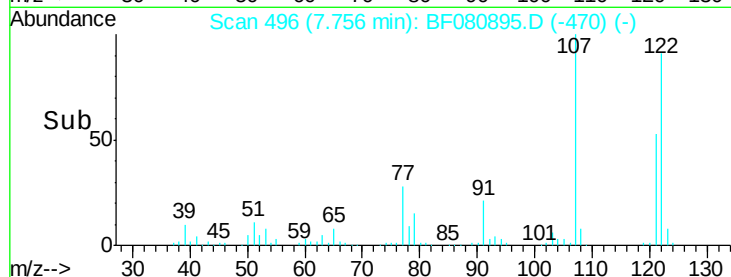
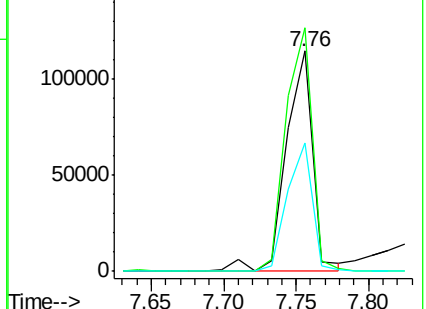
121 58.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.89 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

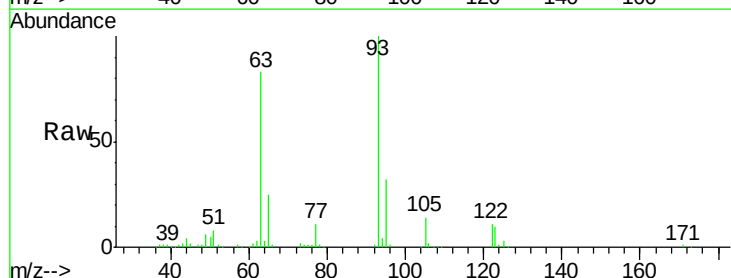
Tgt Ion: 93 Resp: 177551

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

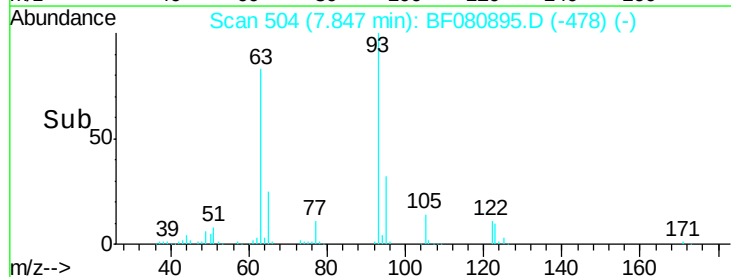
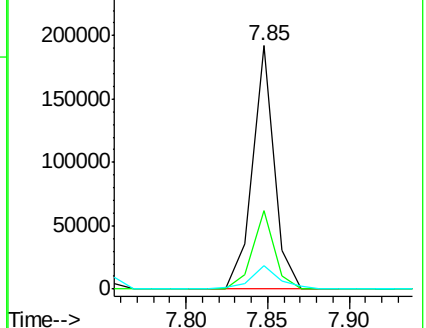
123 9.8 7.6 11.4

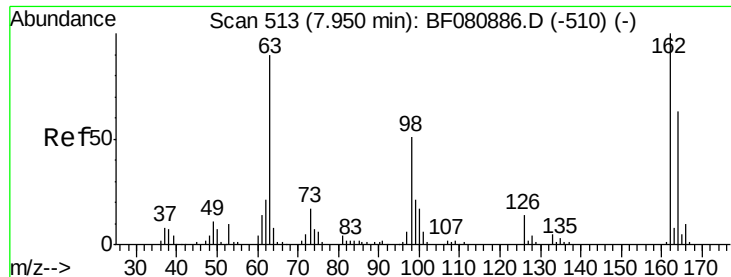


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

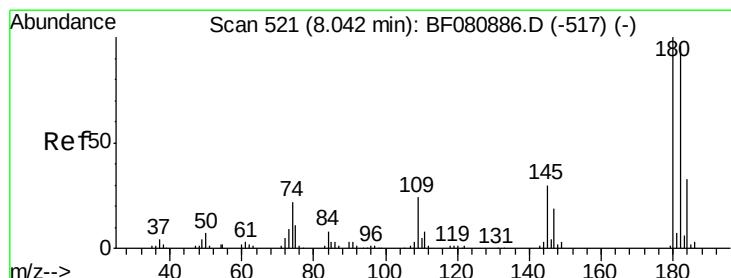
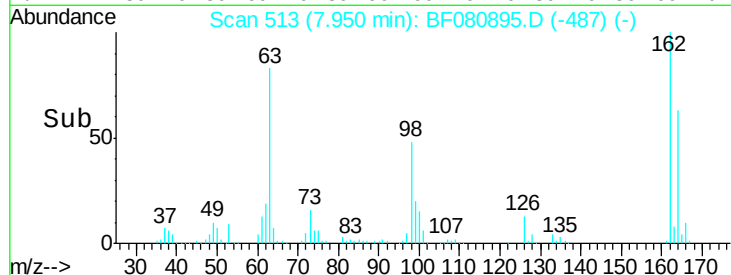
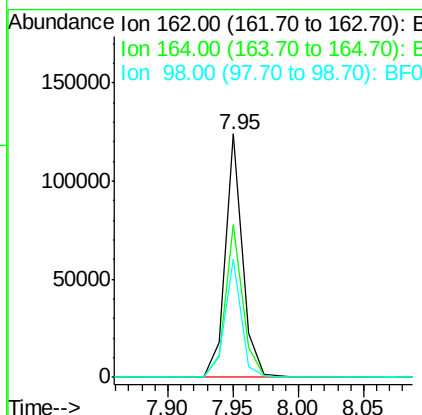
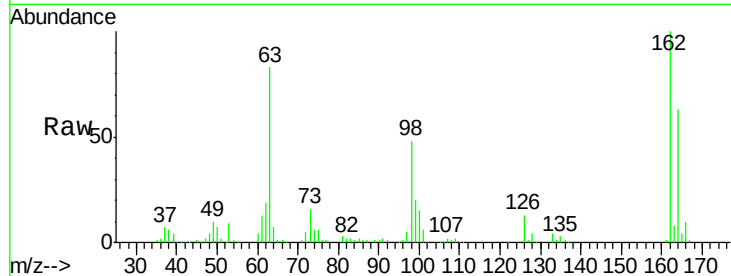




#29
 2,4-Dichlorophenol
 Concen: 36.84 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

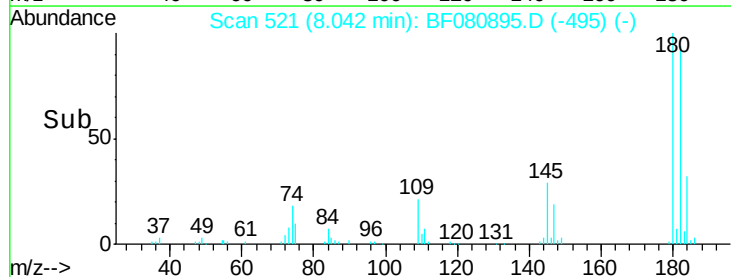
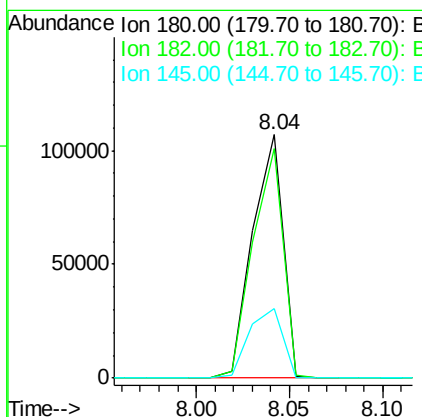
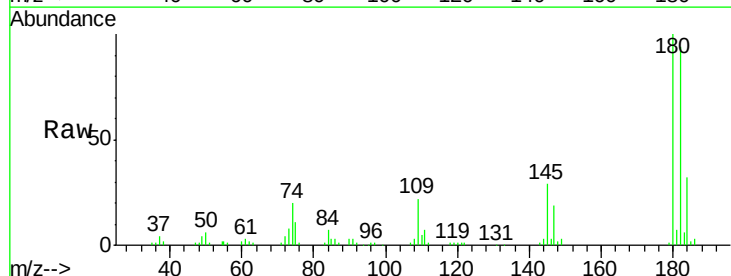
Instrument :
 BNA_F
 ClientSampleId :

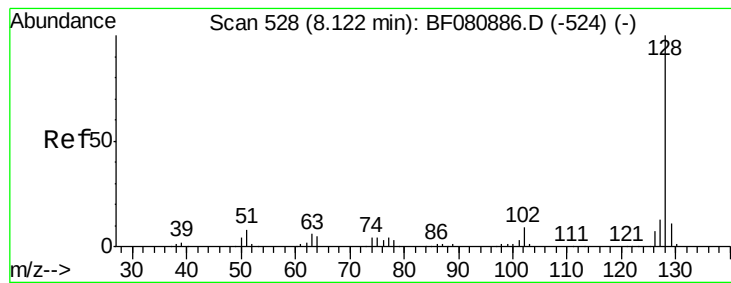
Tot Ion:162 Resp: 114502
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.4 83.4
 98 48.5 30.9 70.9



#30
 1,2,4-Trichlorobenzene
 Concen: 35.04 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:180 Resp: 120746
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 28.7 24.2 36.2





#31

Naphthalene

Concen: 33.43 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

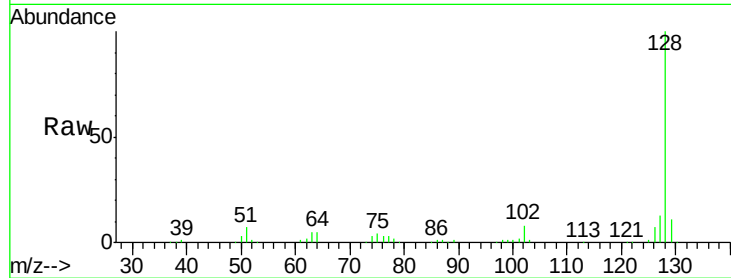
Tot Ion:128 Resp: 406011

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

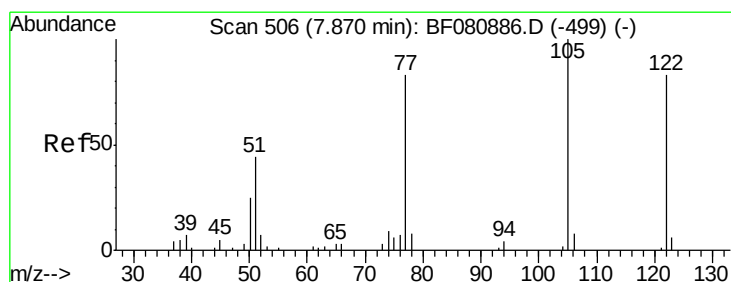
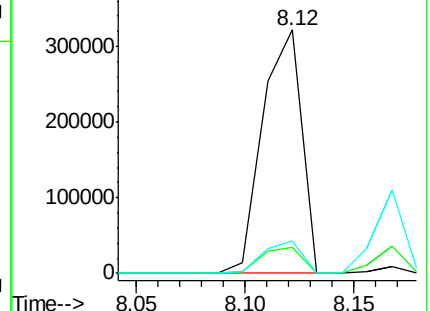
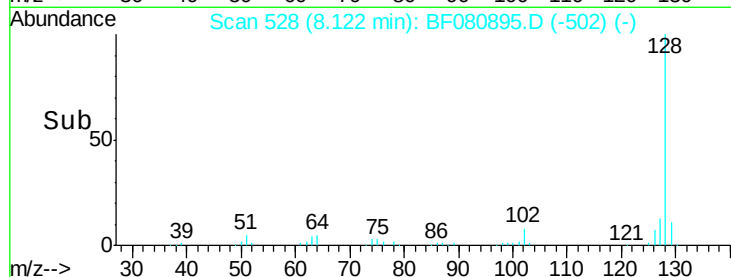
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.60 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

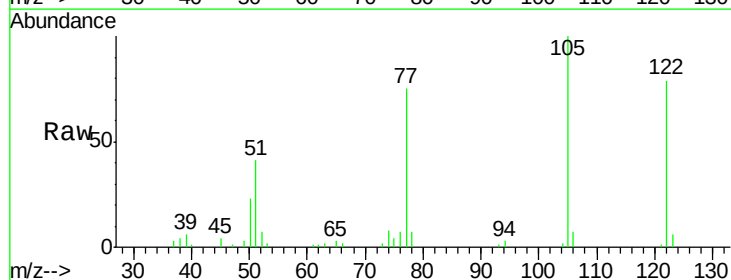
Tgt Ion:122 Resp: 95711

Ion Ratio Lower Upper

122 100

105 127.2 101.6 141.6

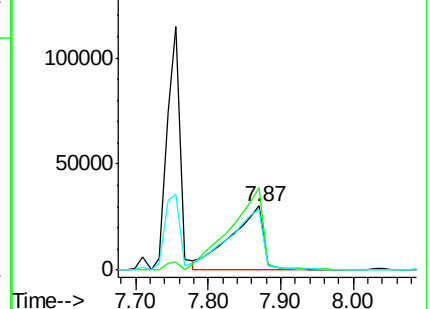
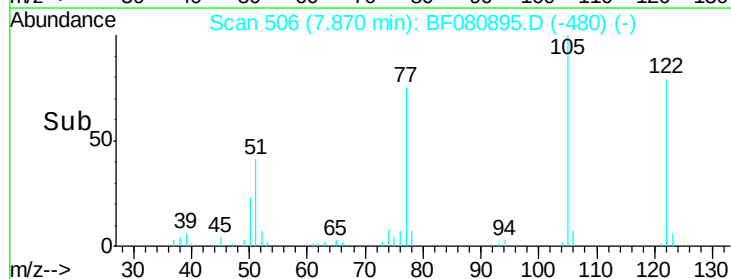
77 95.1 80.9 120.9

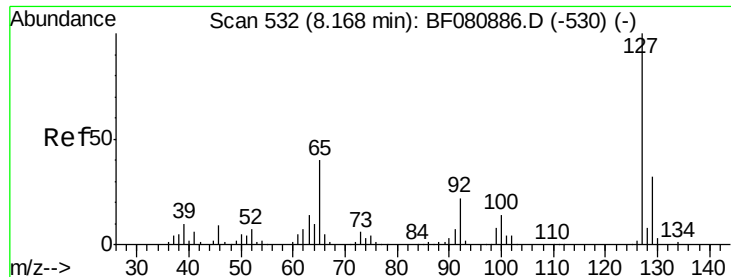


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

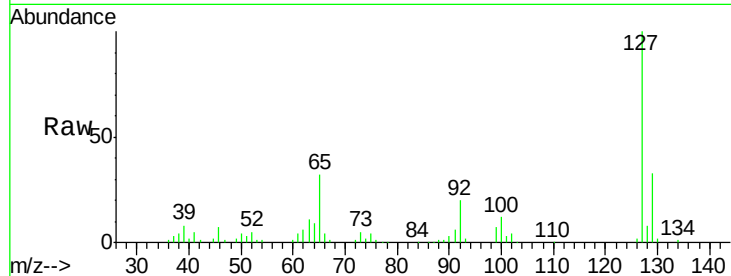




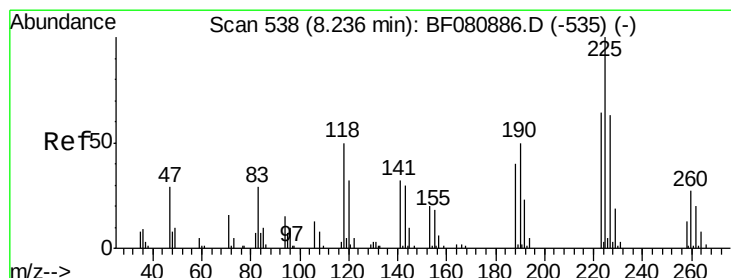
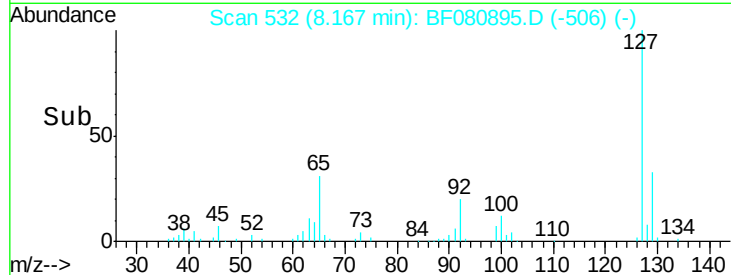
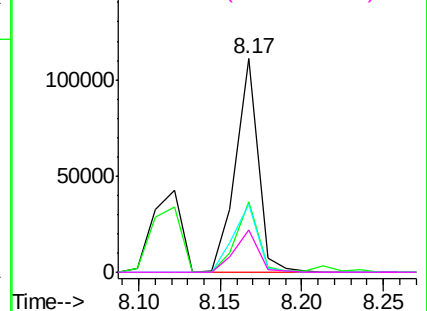
#33
4-Chloroaniline
Concen: 21.04 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	105632
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	31.5	31.7	47.5#
92	19.5	17.6	26.4

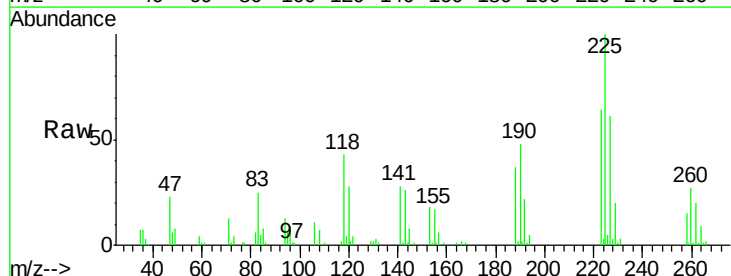


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

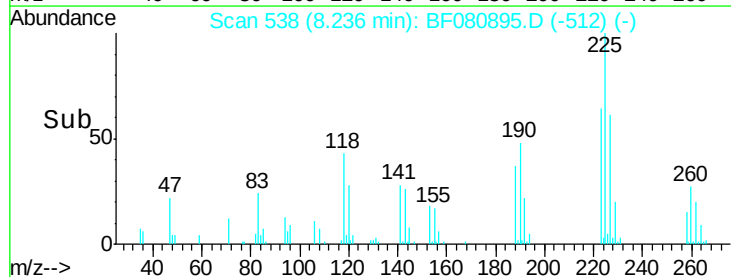
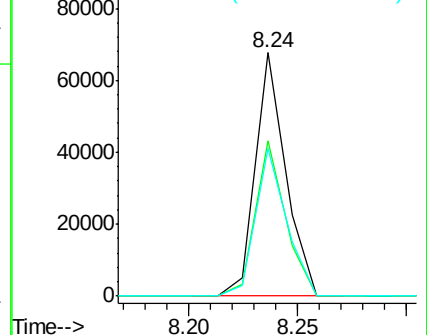


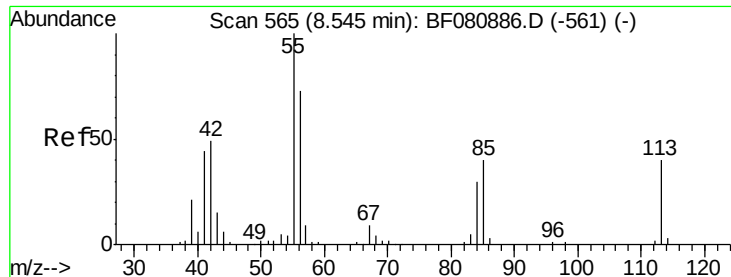
#34
Hexachlorobutadiene
Concen: 33.29 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion:	225	Resp:	65284
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.2	76.8
227	60.8	50.4	75.6



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

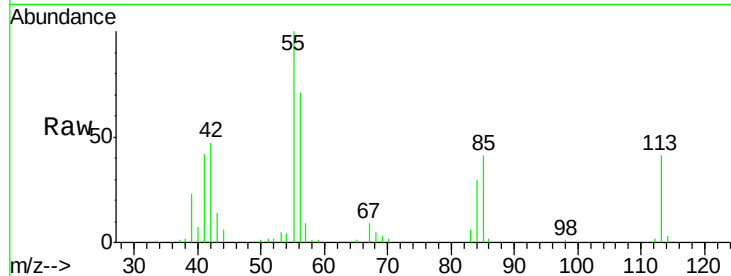




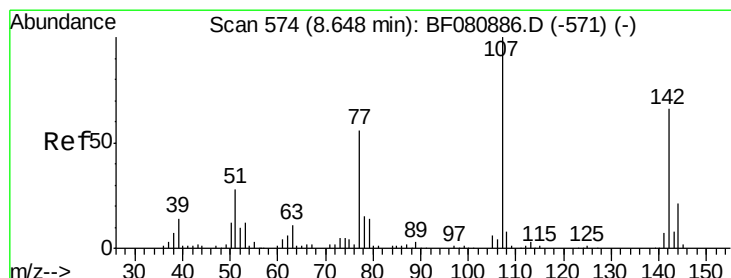
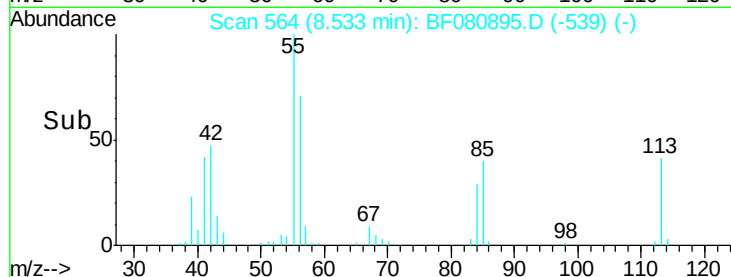
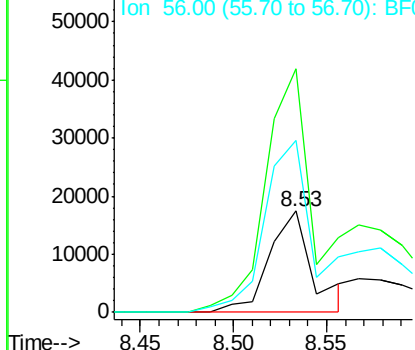
#35
 Caprolactam
 Concen: 24.24 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 28122
 Ion Ratio Lower Upper
 113 100
 55 241.3 228.4 268.4
 56 170.9 161.5 201.5

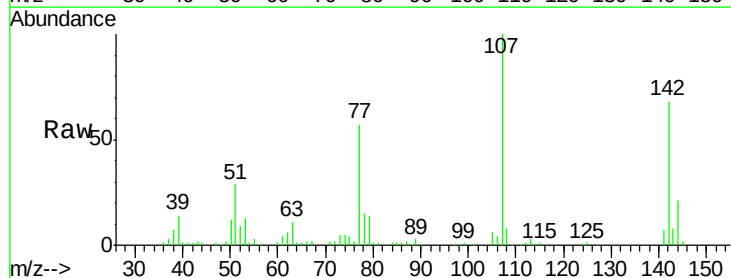


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

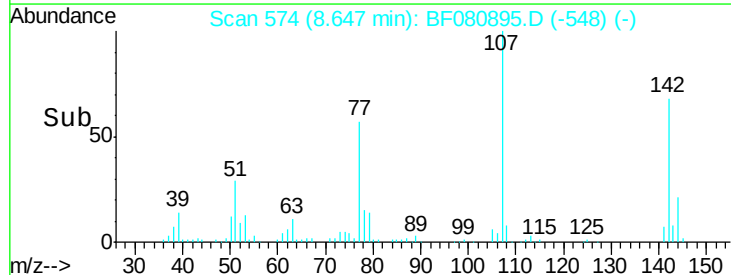
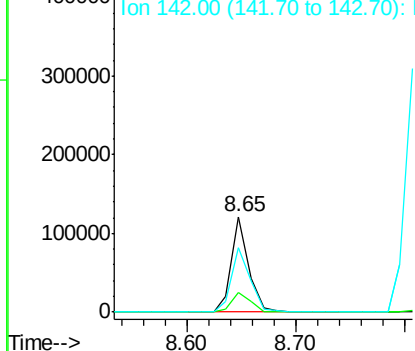


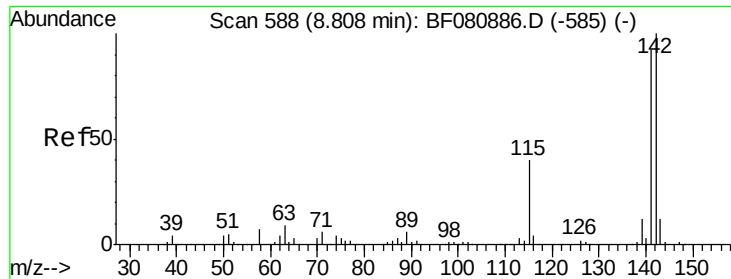
#36
 4-Chloro-3-methylphenol
 Concen: 35.72 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:107 Resp: 133751
 Ion Ratio Lower Upper
 107 100
 144 20.6 17.0 25.6
 142 68.2 52.6 78.8



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

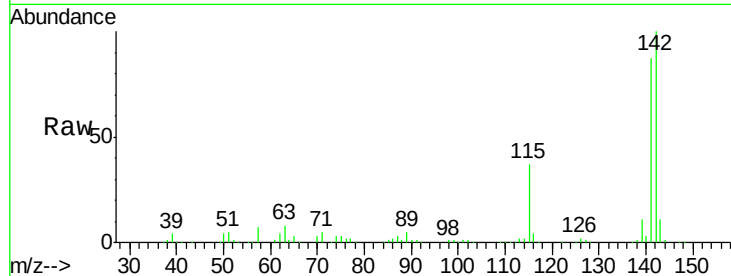




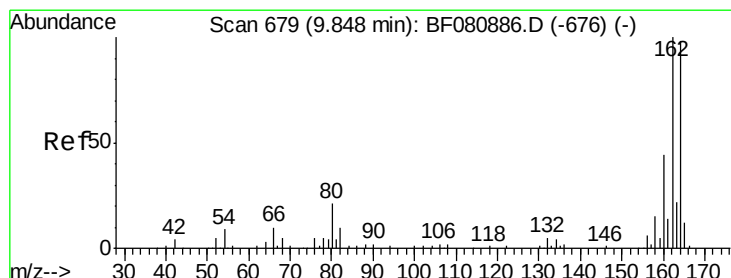
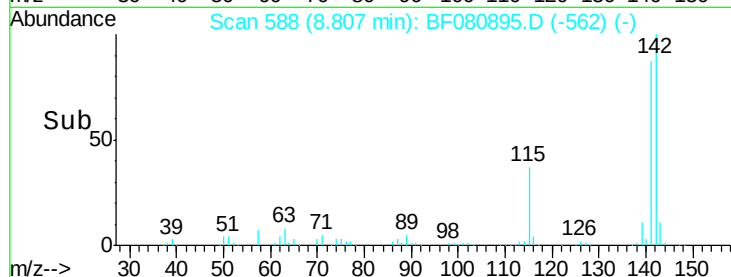
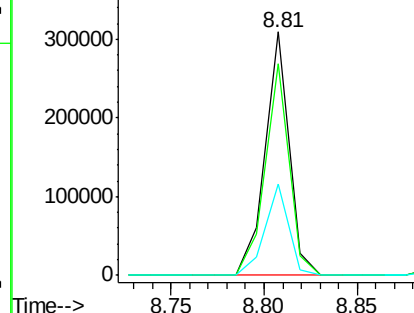
#37
 2-Methylnaphthalene
 Concen: 36.44 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	73.5	110.3
115	37.3	32.1	48.1

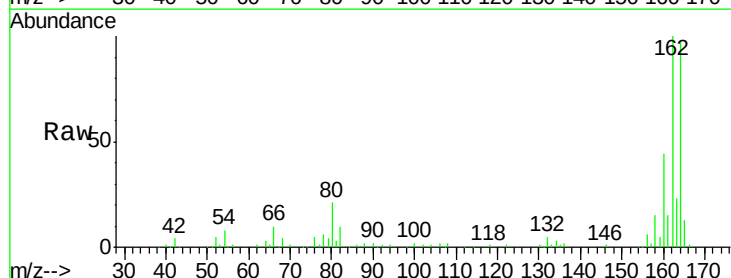


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

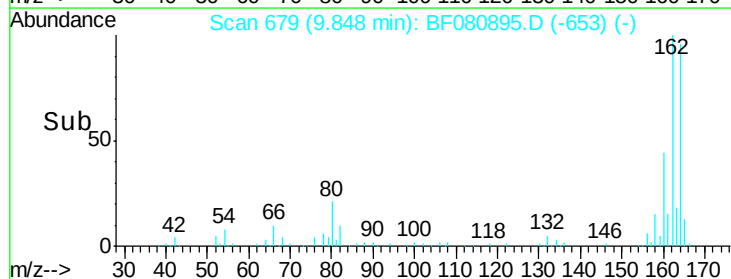
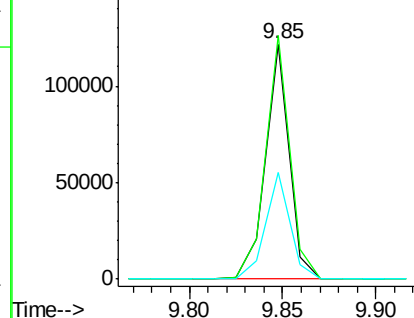


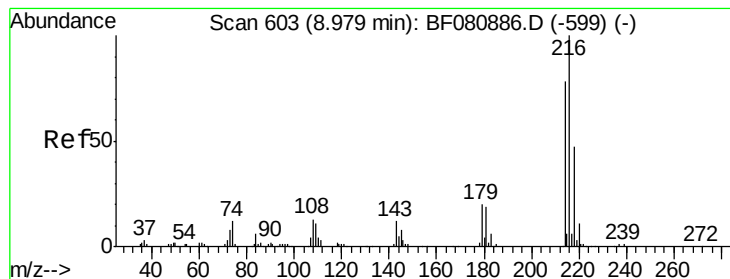
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.5	122.3
160	45.4	35.9	53.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.93 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 109863

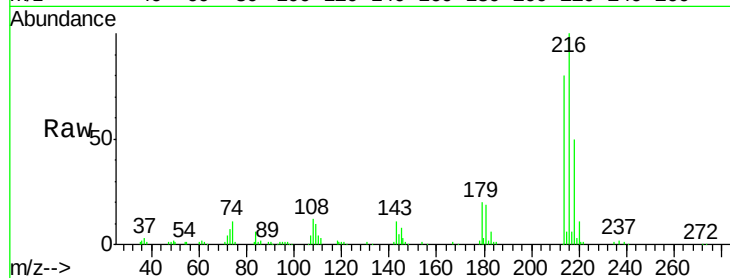
Ion Ratio Lower Upper

216 100

214 79.9 62.8 94.2

179 22.0 17.0 25.6

108 22.5 16.7 25.1

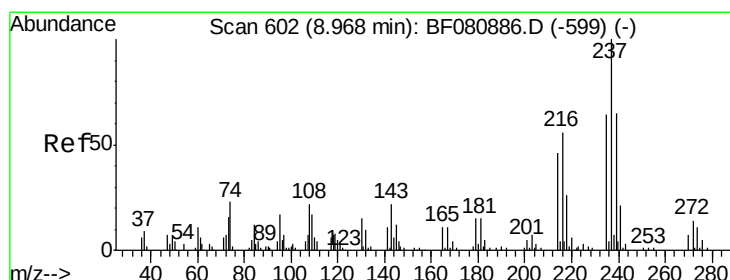
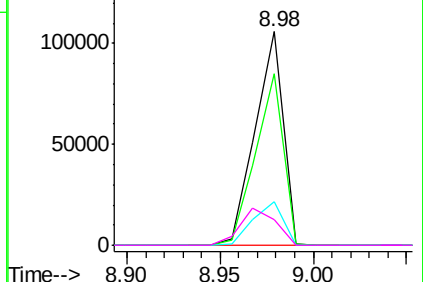
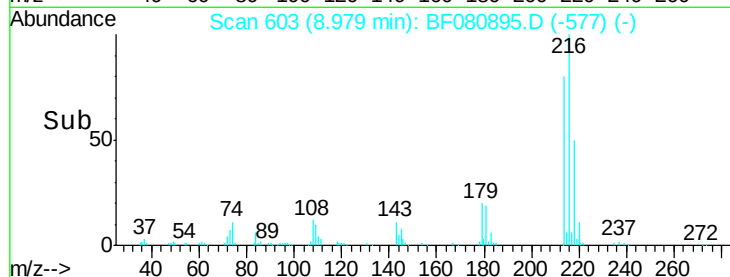


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.95 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

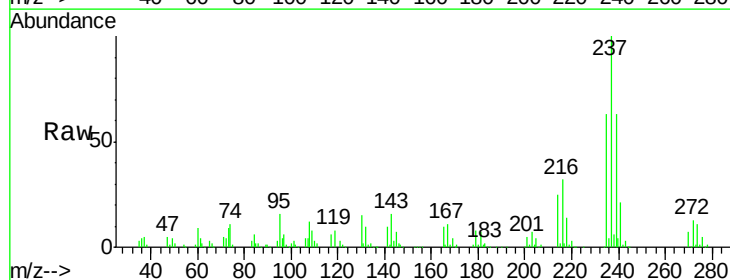
Tgt Ion:237 Resp: 152249

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

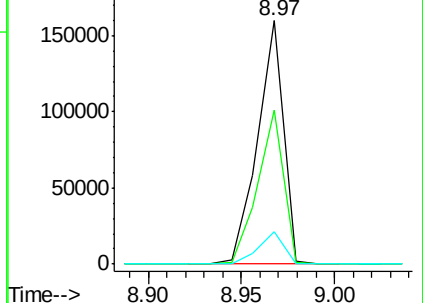
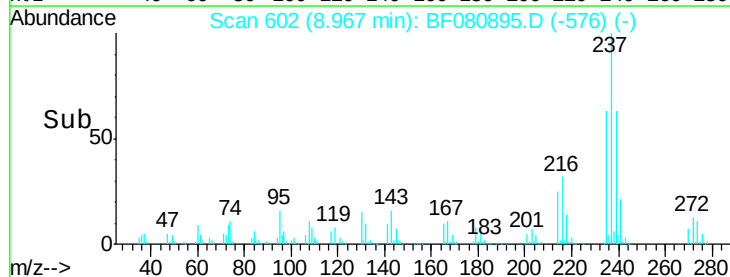
272 13.3 0.0 33.8

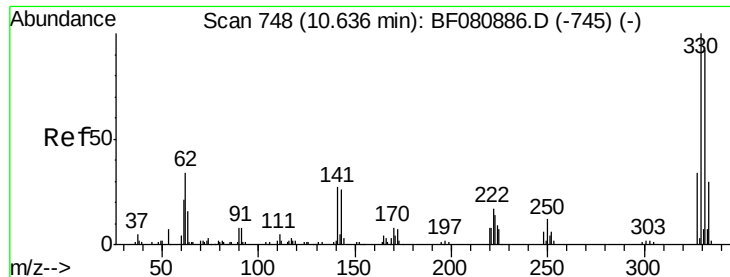


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

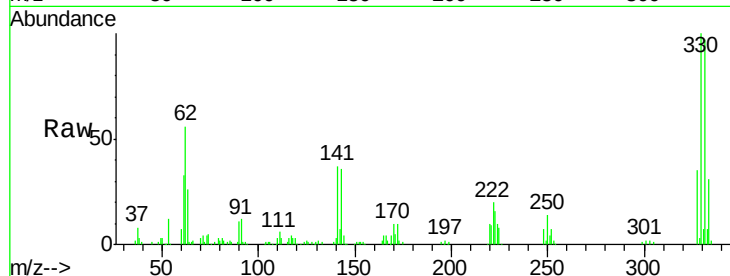




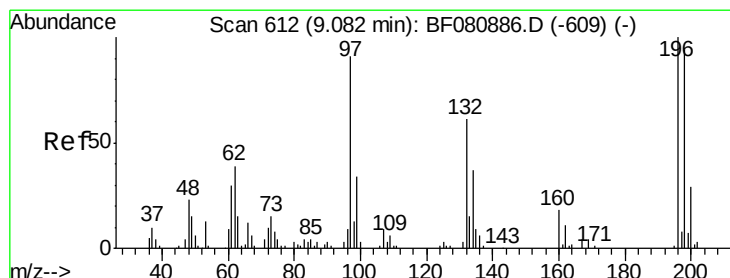
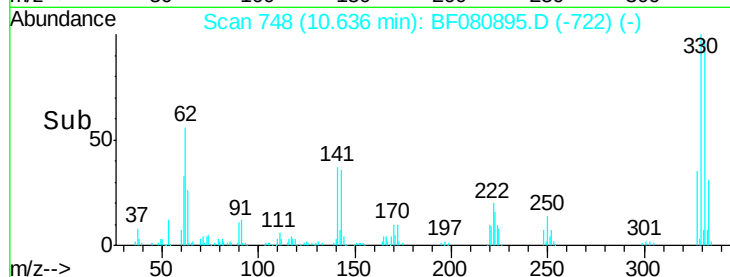
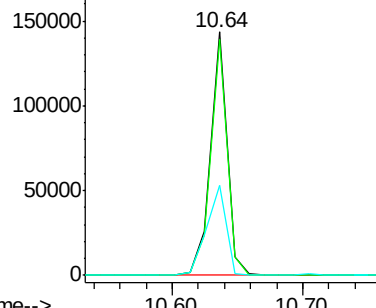
#41
 2,4,6-Tribromophenol
 Concen: 109.99 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.1	111.1
141	43.2	30.1	45.1

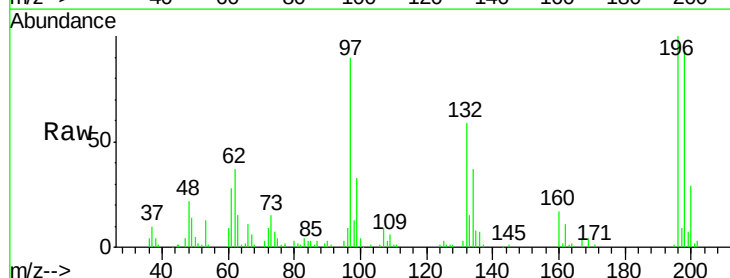


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

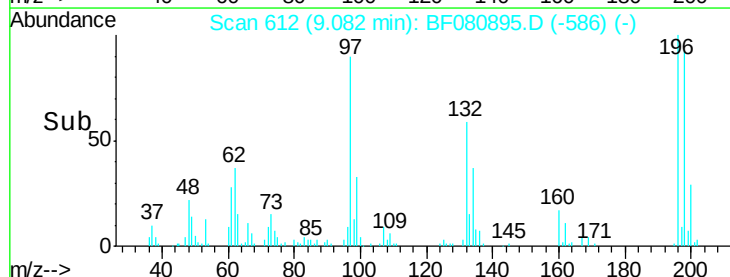
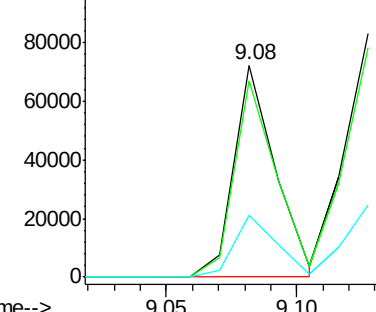


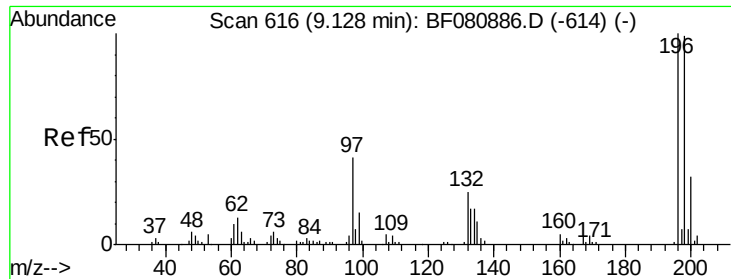
#42
 2,4,6-Trichlorophenol
 Concen: 33.50 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.9	112.3
200	29.0	23.2	34.8



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

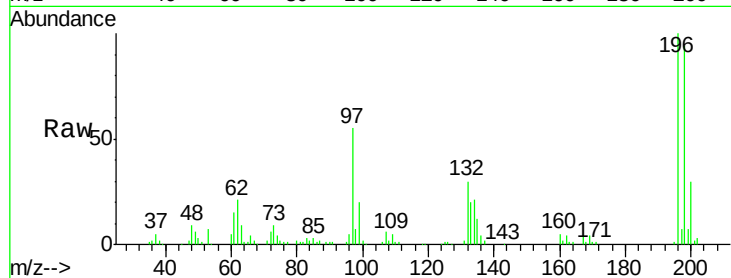




#43
 2,4,5-Trichlorophenol
 Concen: 35.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	78.7	118.1
97	54.7	33.9	50.9
132	29.5	20.1	30.1



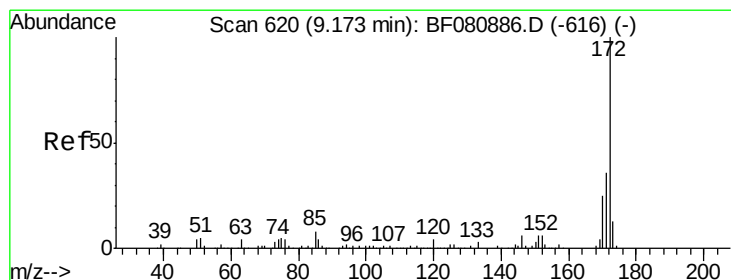
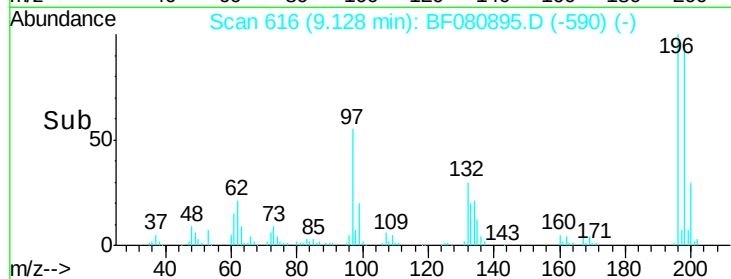
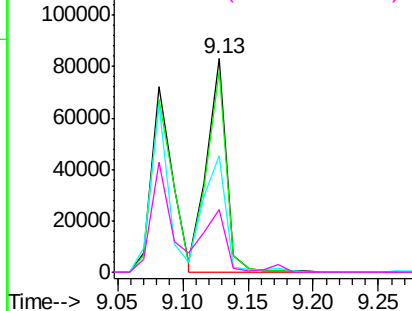
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

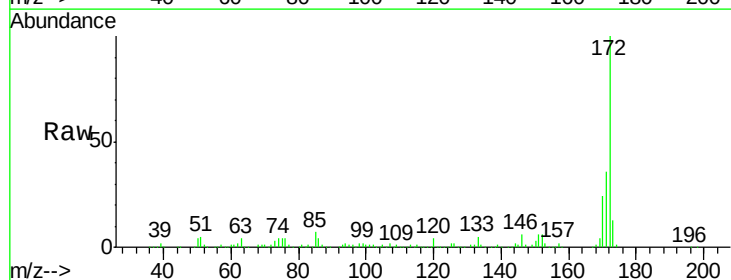
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.9	29.9

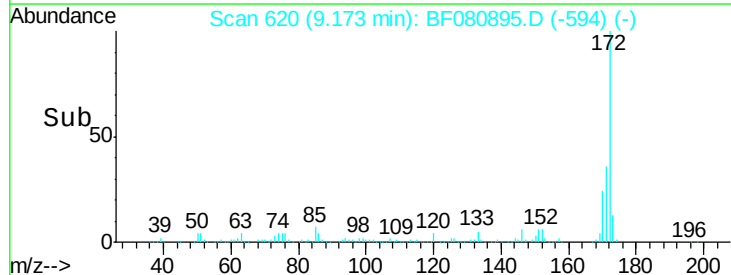
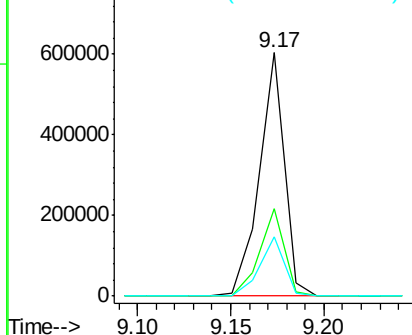


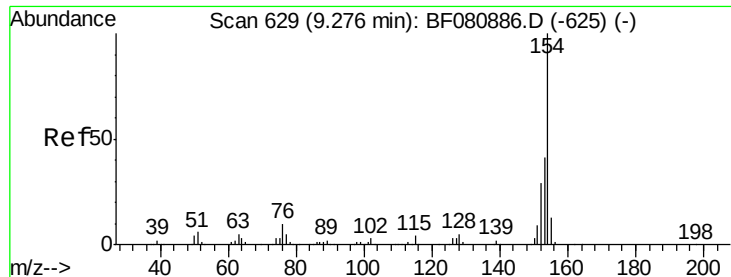
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.79 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

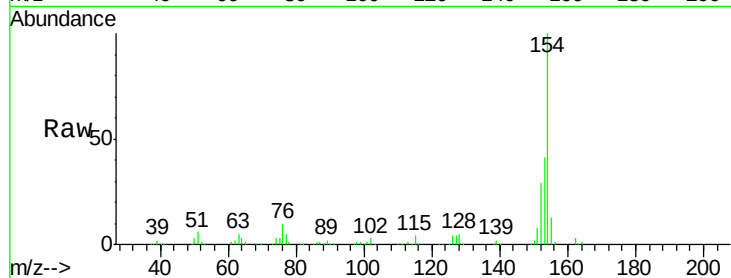
Tot Ion:154 Resp: 339825

Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

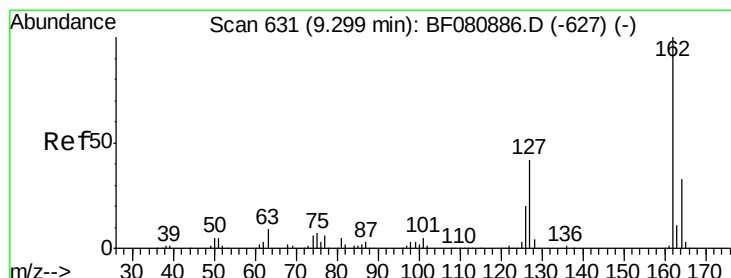
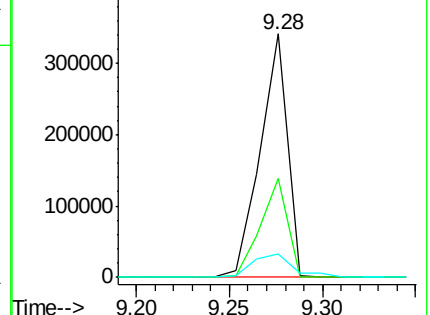
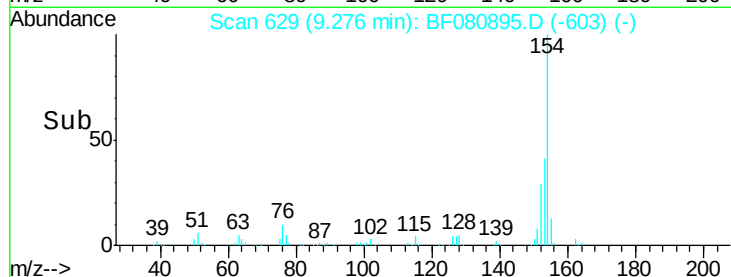
76 9.6 0.0 30.3



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: 36.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

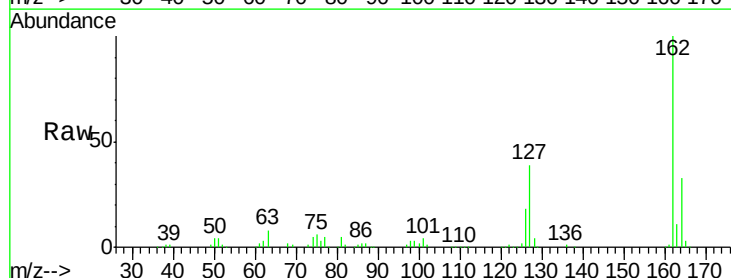
Tgt Ion:162 Resp: 253303

Ion Ratio Lower Upper

162 100

127 39.1 33.5 50.3

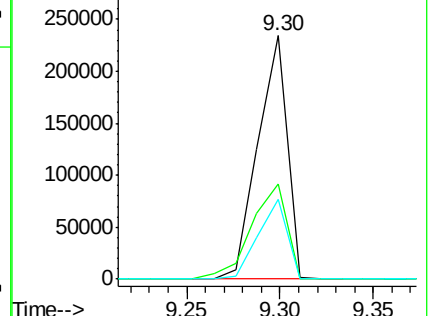
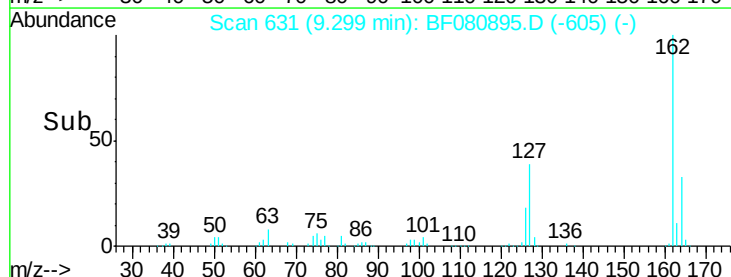
164 32.9 26.5 39.7

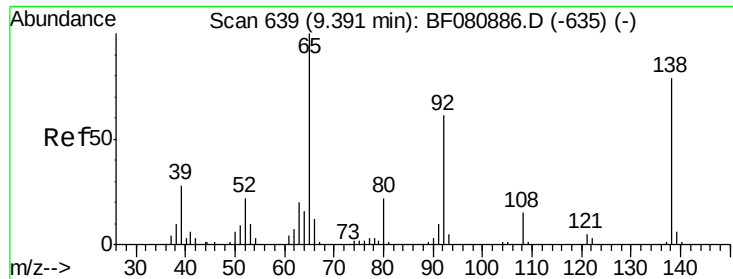


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

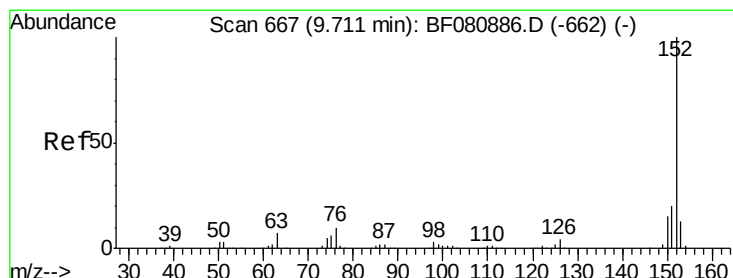
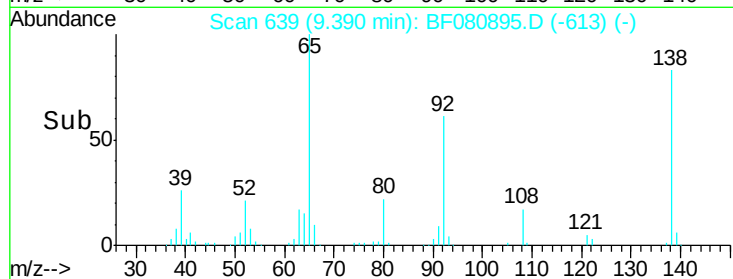
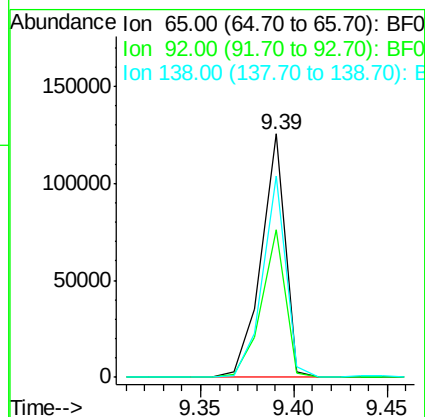
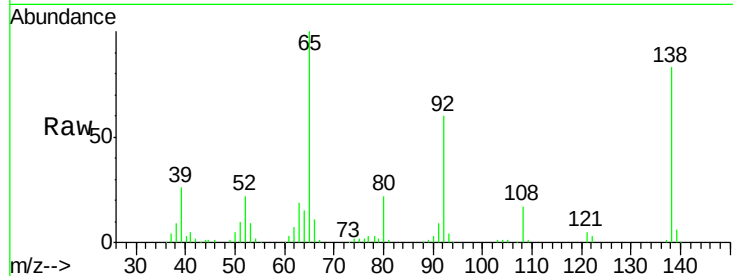




#47
2-Nitroaniline
Concen: 39.84 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

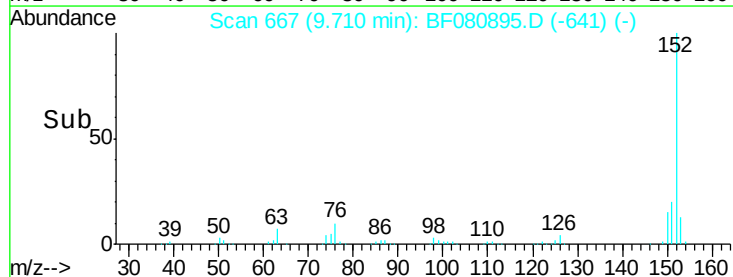
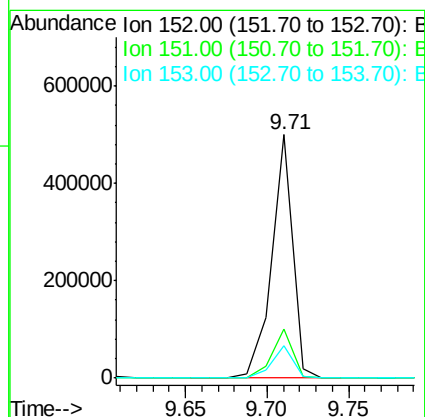
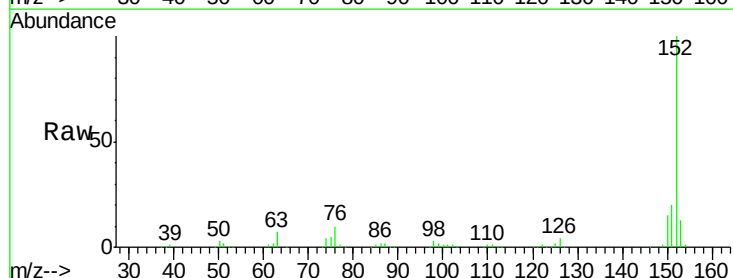
Instrument :
BNA_F
ClientSampleId :

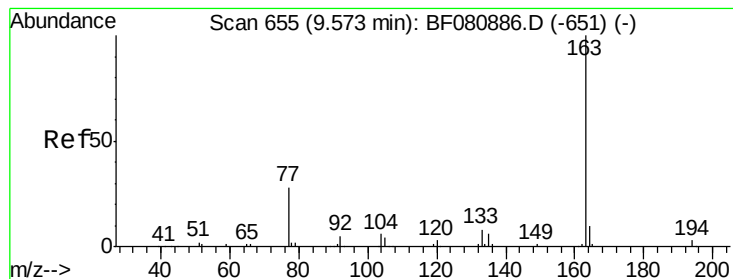
Tot Ion: 65 Resp: 113933
Ion Ratio Lower Upper
65 100
92 60.4 48.5 72.7
138 82.9 63.3 94.9



#48
Acenaphthylene
Concen: 36.19 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion: 152 Resp: 446341
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 33.89 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

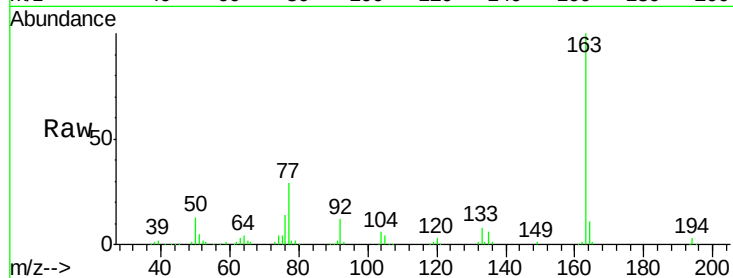
Tot Ion:163 Resp: 286059

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

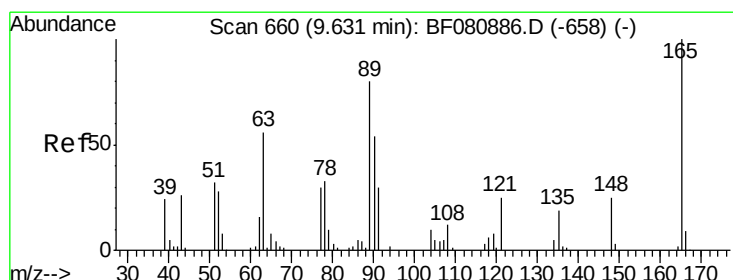
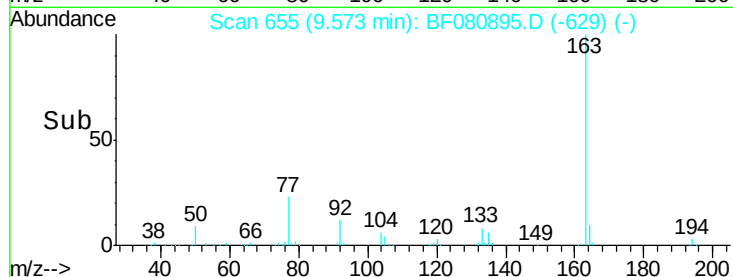
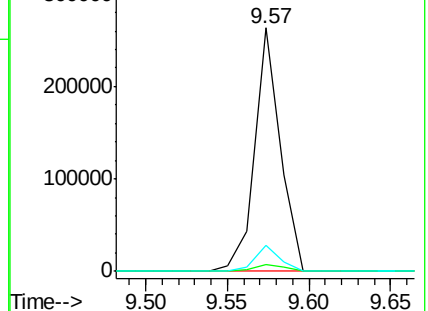
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.15 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

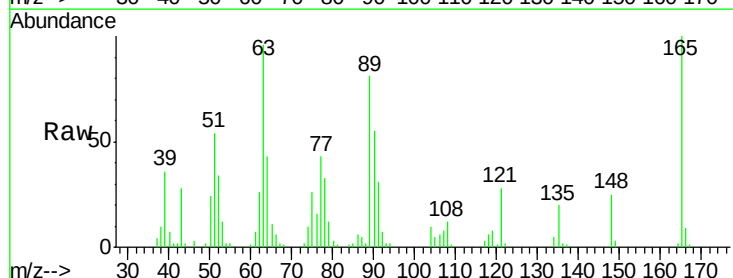
Tgt Ion:165 Resp: 60001

Ion Ratio Lower Upper

165 100

63 96.0 77.6 116.4

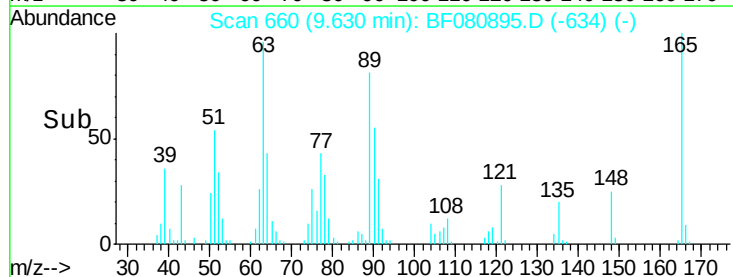
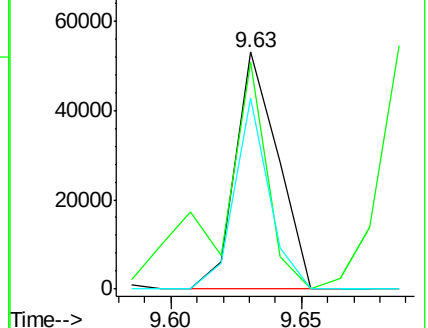
89 80.8 63.7 95.5

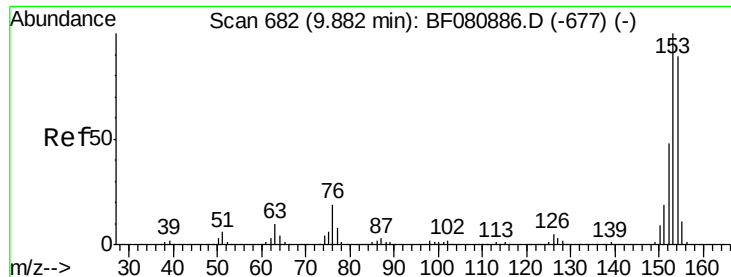


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.04 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampled :

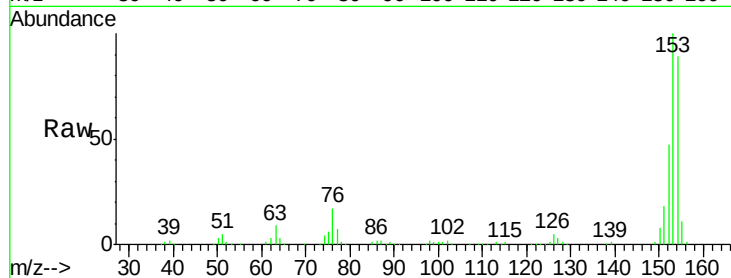
Tot Ion:154 Resp: 307482

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

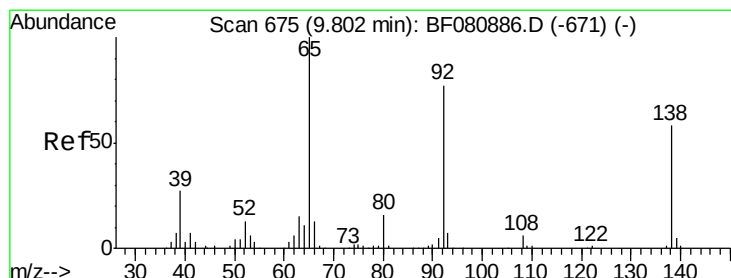
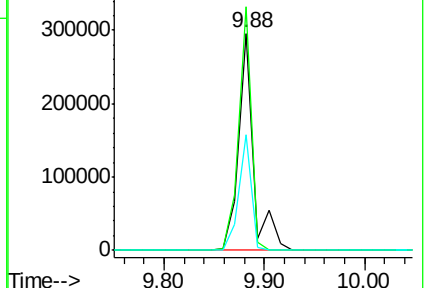
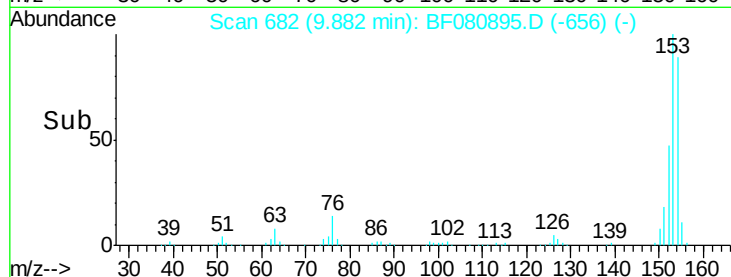
152 53.1 43.6 65.4



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: 26.23 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

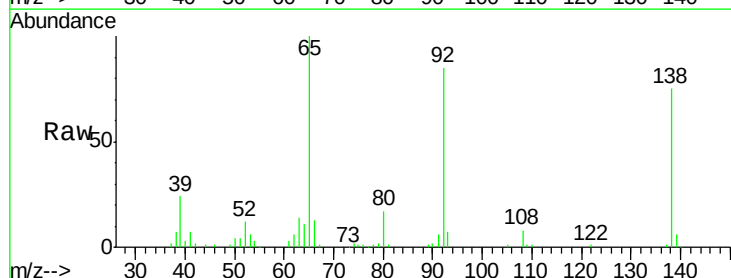
Tgt Ion:138 Resp: 58699

Ion Ratio Lower Upper

138 100

108 10.5 8.9 13.3

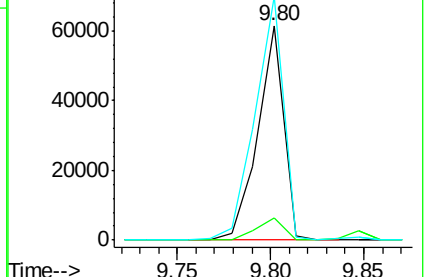
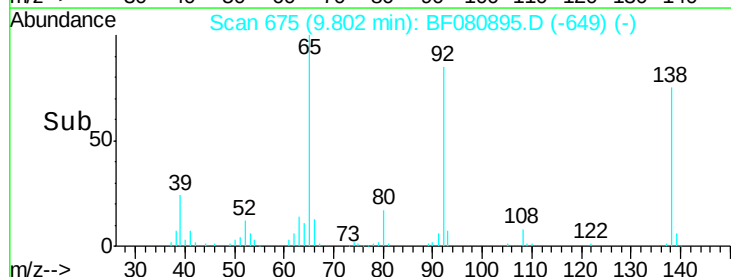
92 113.7 106.2 159.2

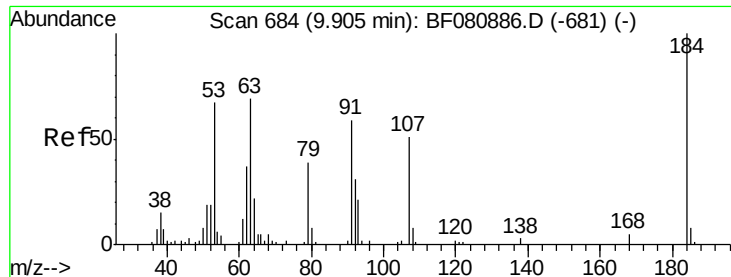


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

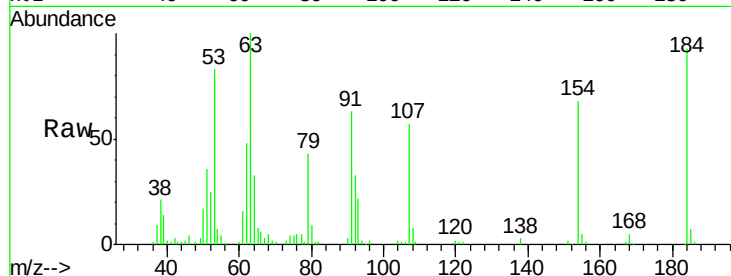




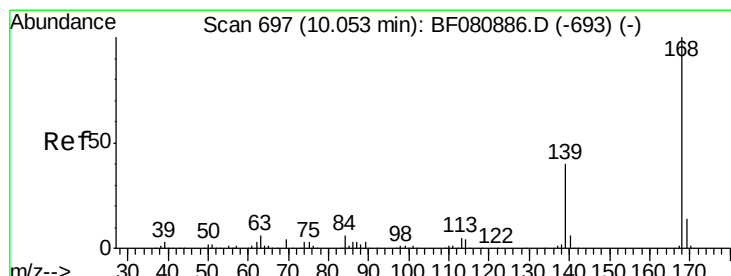
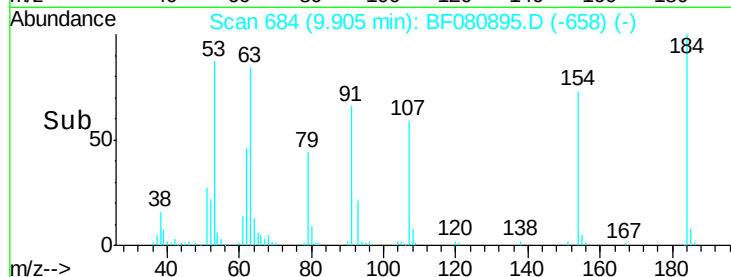
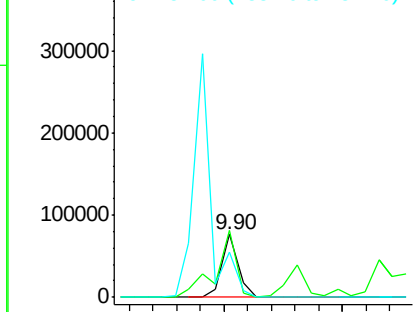
#53
 2,4-Dinitrophenol
 Concen: 73.75 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 73142
 Ion Ratio Lower Upper
 184 100
 63 107.0 67.6 101.4#
 154 72.7 54.3 81.5

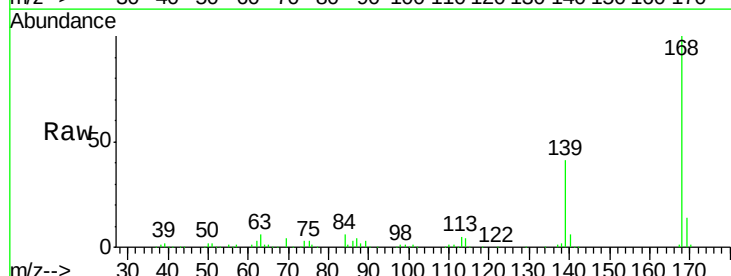


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

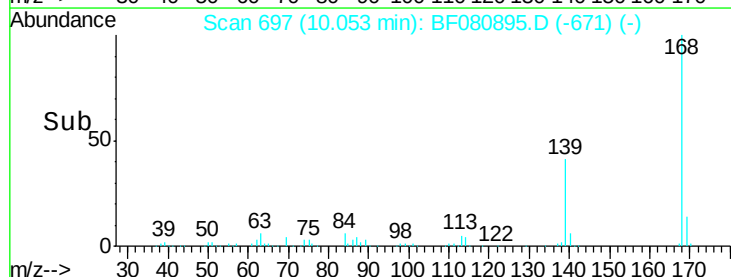
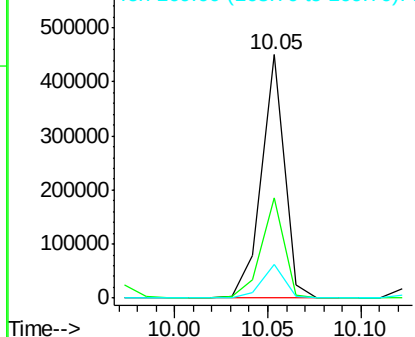


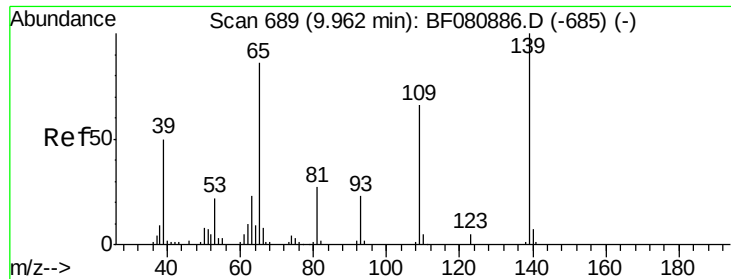
#54
 Dibenzofuran
 Concen: 37.60 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:168 Resp: 381565
 Ion Ratio Lower Upper
 168 100
 139 41.0 31.8 47.8
 169 13.7 10.8 16.2



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: 68.36 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampled :

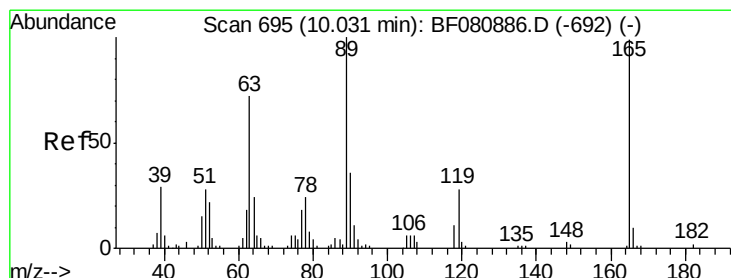
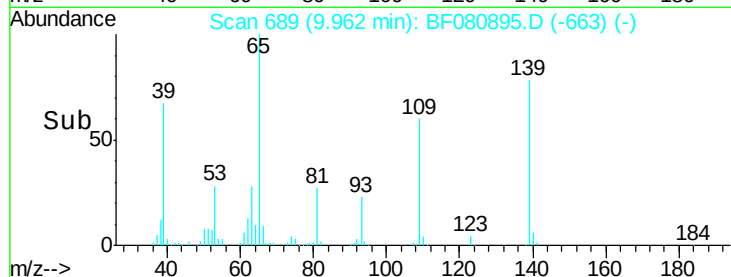
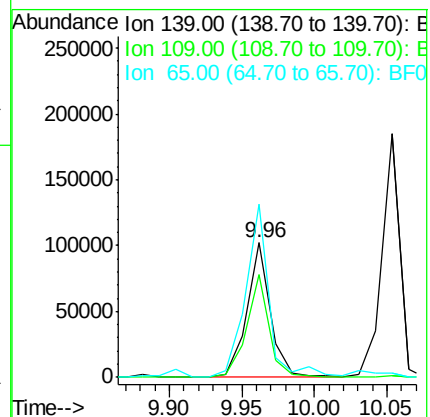
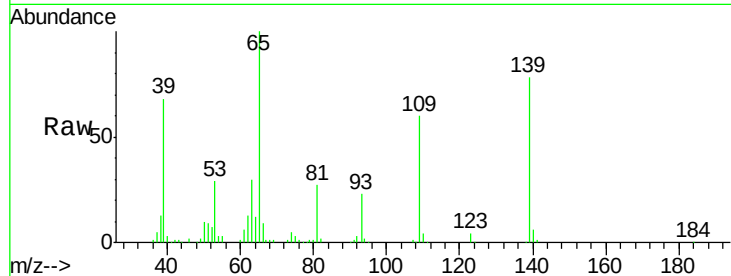
Tot Ion:139 Resp: 115448

Ion Ratio Lower Upper

139 100

109 76.9 46.4 86.4

65 128.7 65.6 105.6#



#56

2,4-Dinitrotoluene

Concen: 37.84 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:165 Resp: 92133

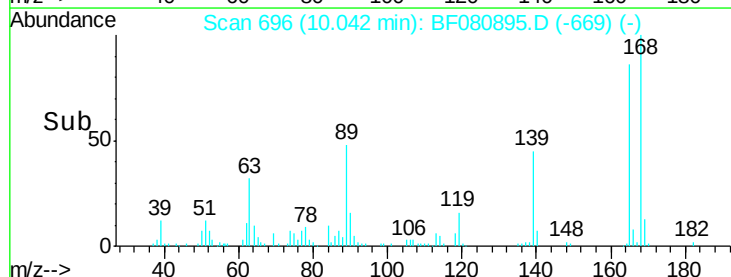
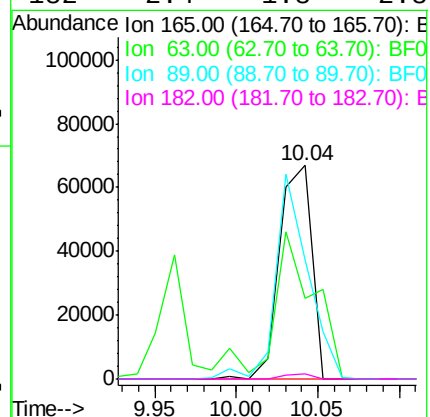
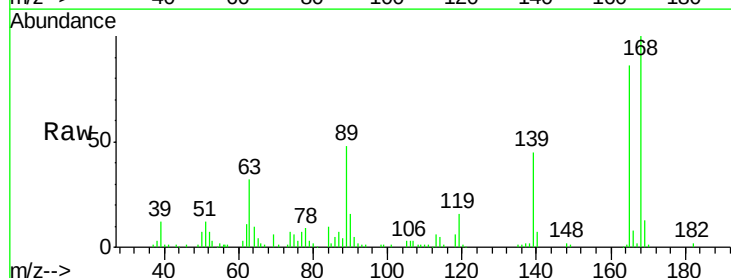
Ion Ratio Lower Upper

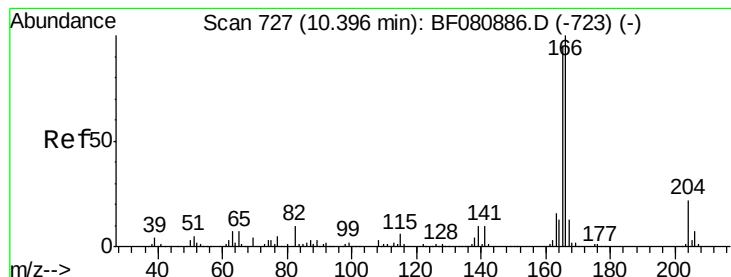
165 100

63 37.5 58.6 87.8#

89 55.5 80.7 121.1#

182 2.4 1.8 2.8





#57

Fluorene

Concen: 38.13 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

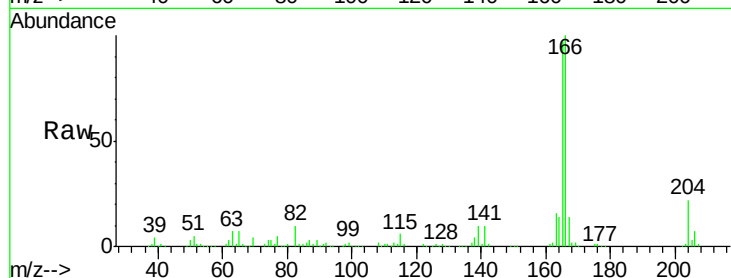
Tot Ion:166 Resp: 302807

Ion Ratio Lower Upper

166 100

165 97.1 75.9 113.9

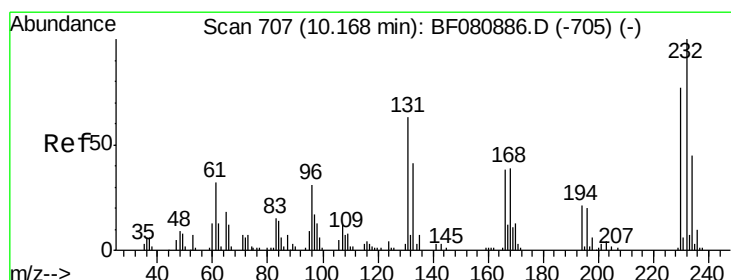
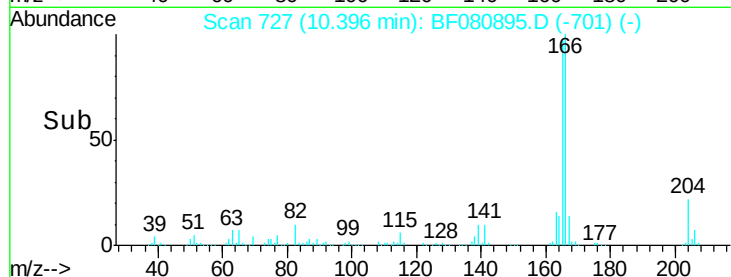
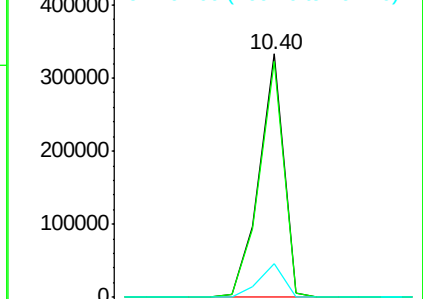
167 13.7 10.8 16.2



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: 36.74 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion:232 Resp: 70998

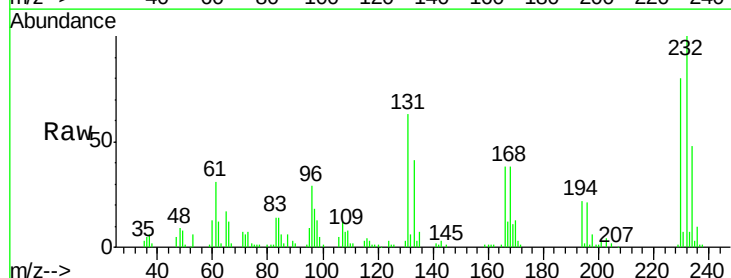
Ion Ratio Lower Upper

232 100

131 56.0 44.9 67.3

130 2.2 1.9 2.9

166 34.2 27.2 40.8

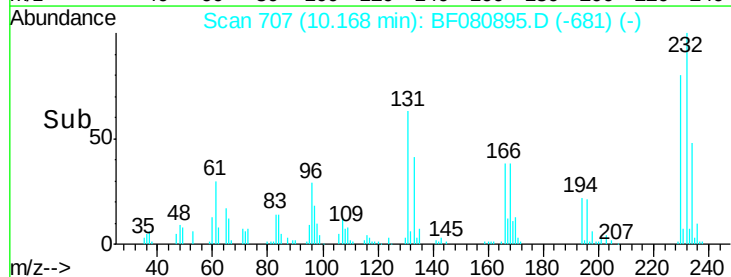
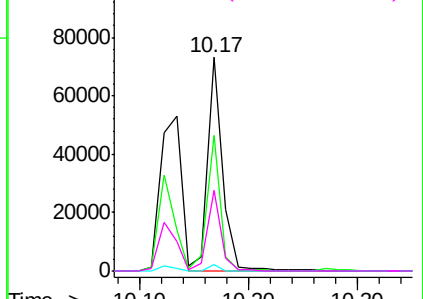


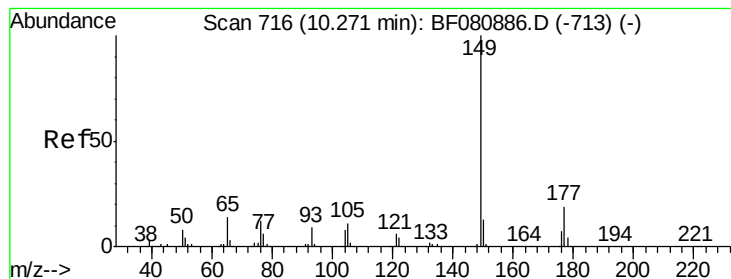
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.99 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampled :

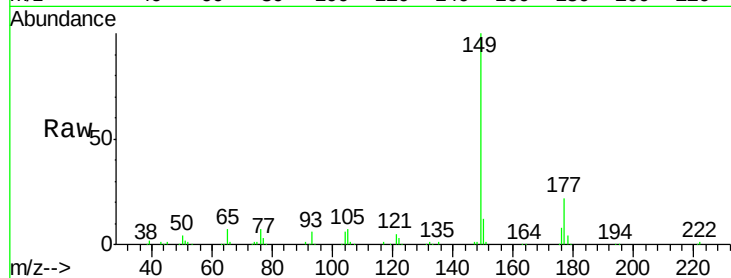
Tot Ion:149 Resp: 330955

Ion Ratio Lower Upper

149 100

177 21.8 14.9 22.3

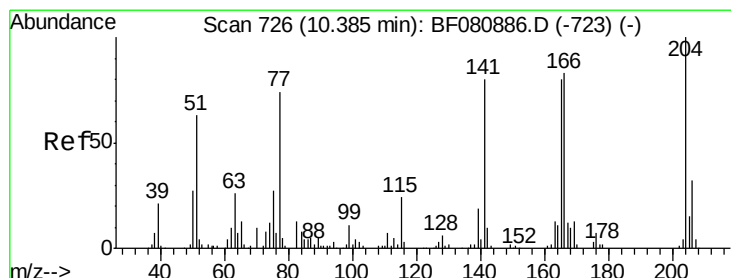
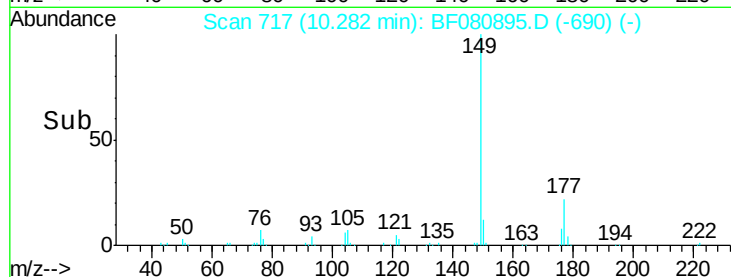
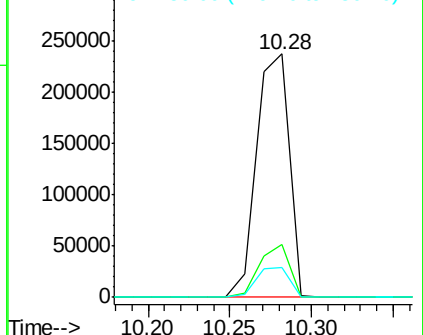
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.59 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

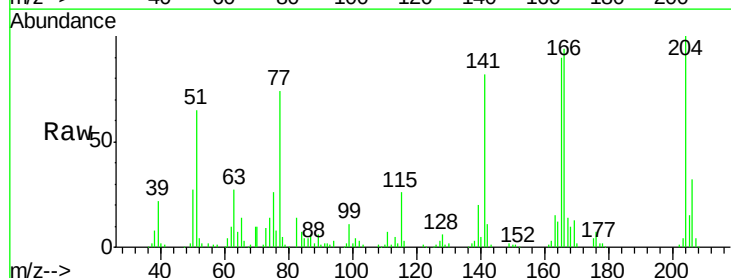
Tgt Ion:204 Resp: 125026

Ion Ratio Lower Upper

204 100

206 32.2 25.8 38.6

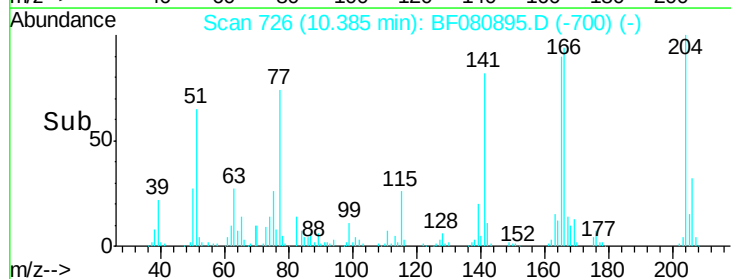
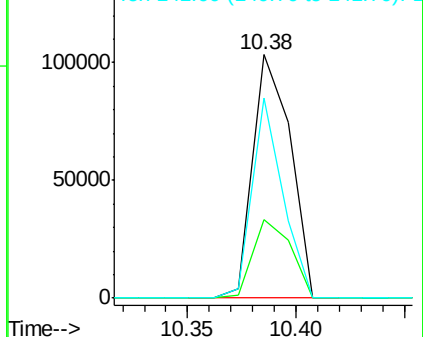
141 82.1 63.8 95.6

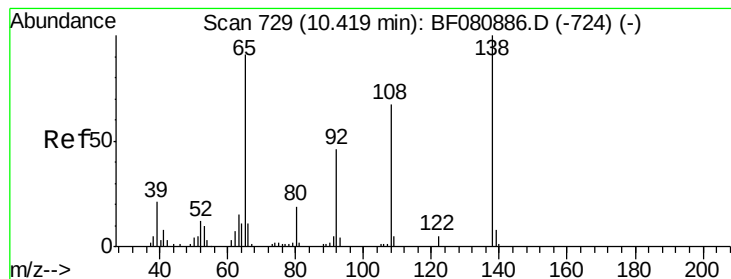


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.80 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

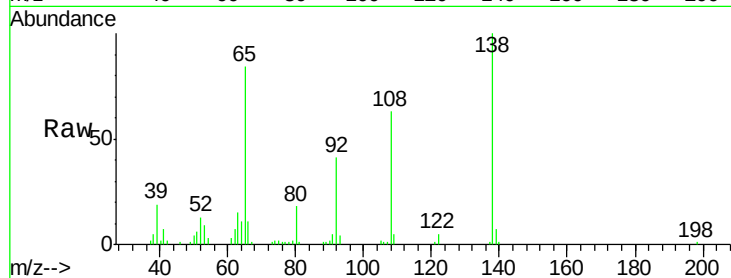
Tot Ion:138 Resp: 82167

Ion Ratio Lower Upper

138 100

92 41.0 25.6 65.6

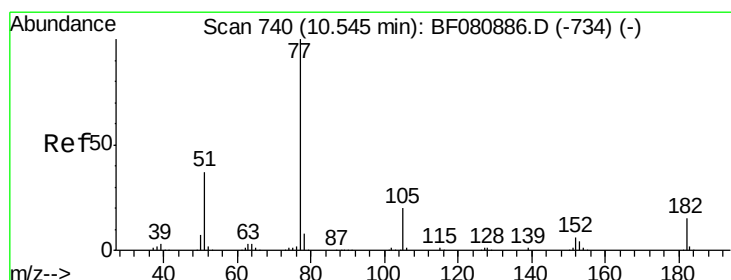
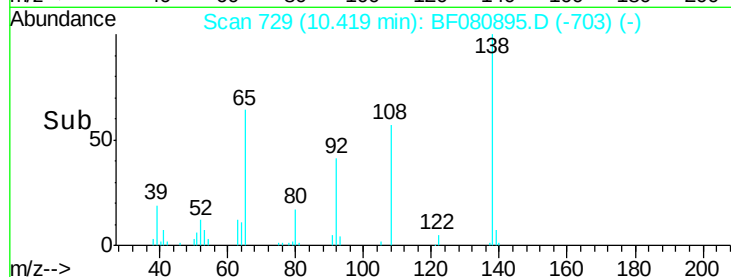
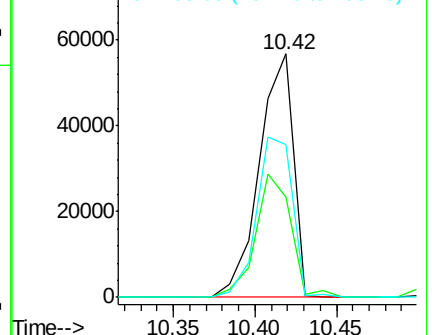
108 62.9 46.9 86.9



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: 35.78 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Tgt Ion: 77 Resp: 360491

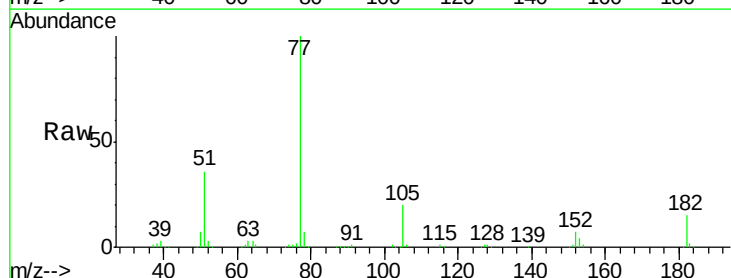
Ion Ratio Lower Upper

77 100

182 15.3 0.0 34.5

105 20.1 0.2 40.2

51 35.9 16.7 56.7

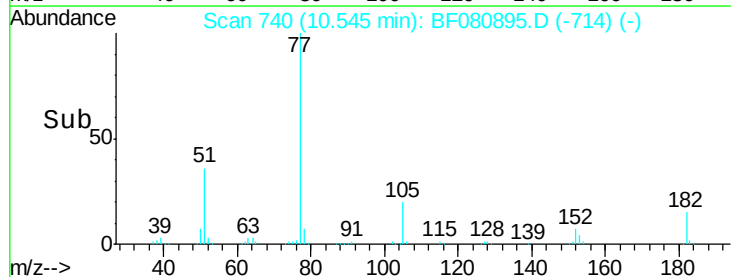
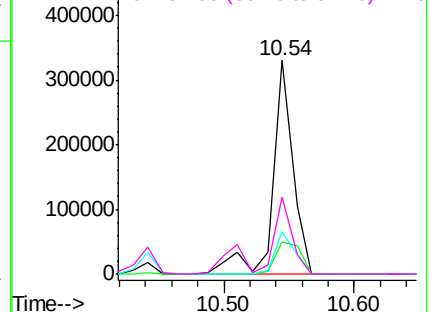


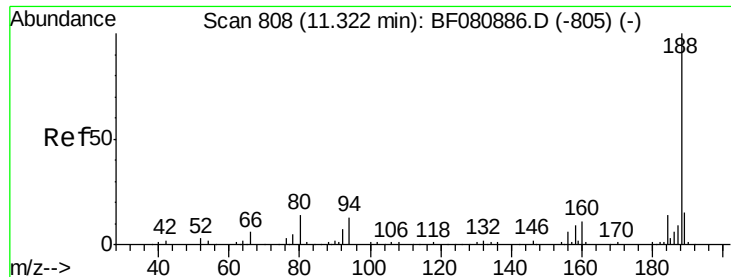
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

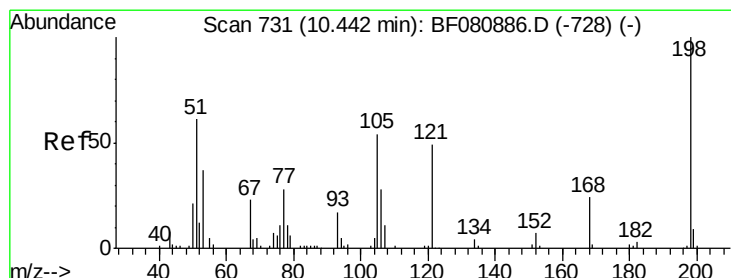
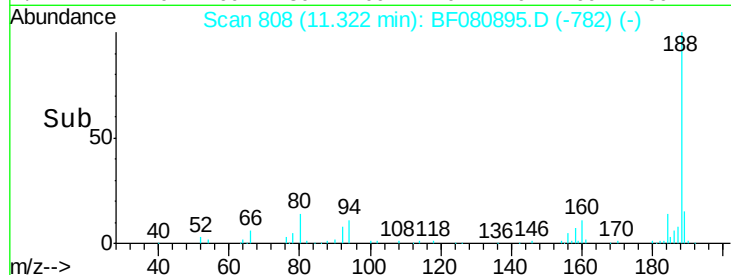
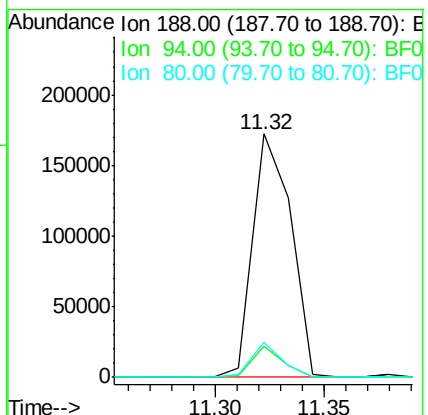
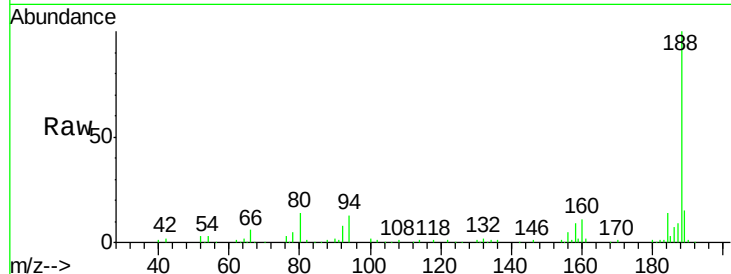




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

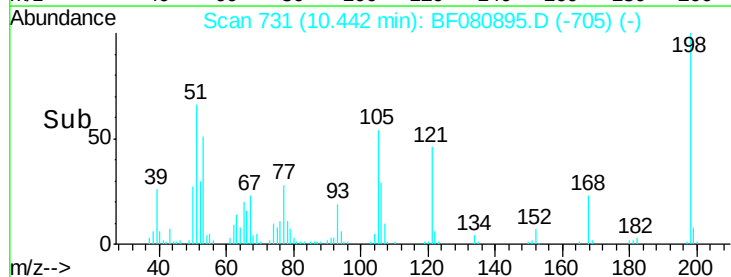
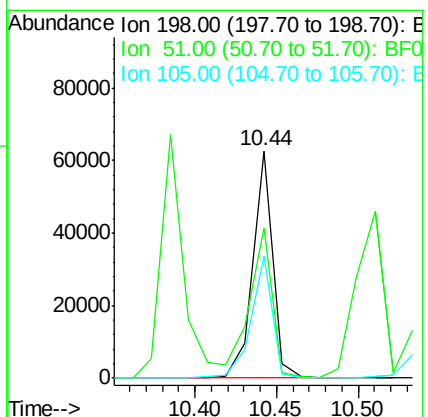
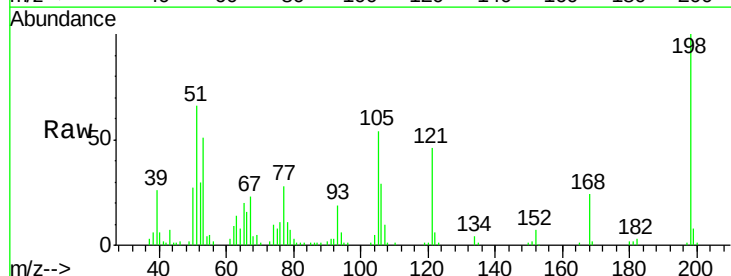
Instrument :
 BNA_F
 ClientSampleId :

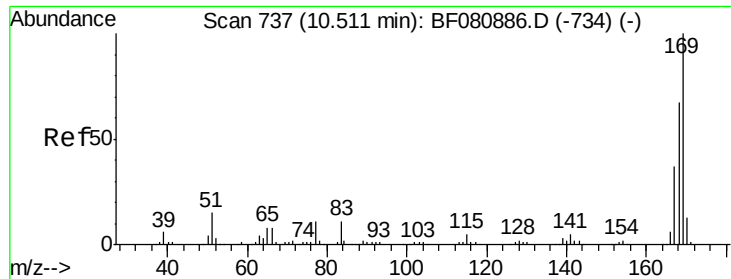
Tot Ion:188 Resp: 211017
 Ion Ratio Lower Upper
 188 100
 94 12.8 10.2 15.2
 80 14.5 11.4 17.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.48 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:198 Resp: 52903
 Ion Ratio Lower Upper
 198 100
 51 66.1 47.9 87.9
 105 54.0 35.0 75.0

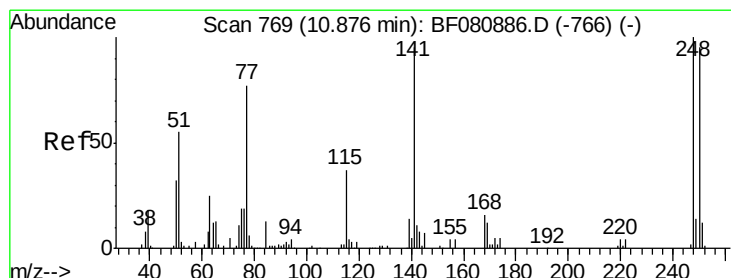
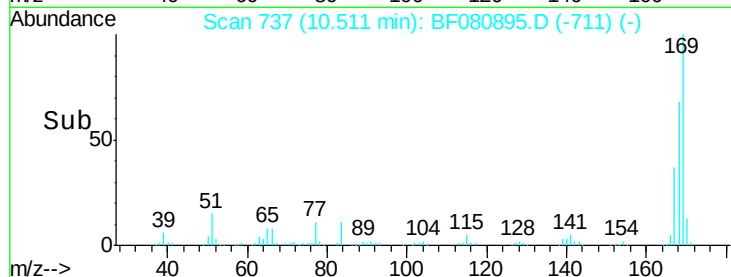
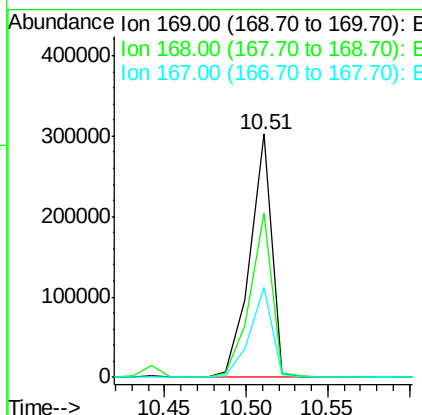
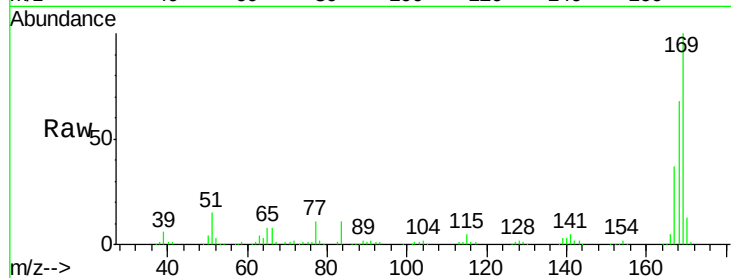




#65
 n-Nitrosodiphenylamine
 Concen: 37.43 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

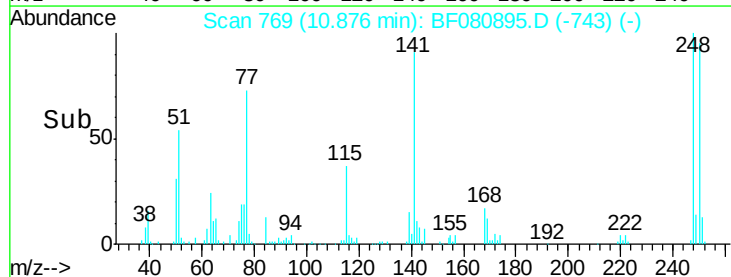
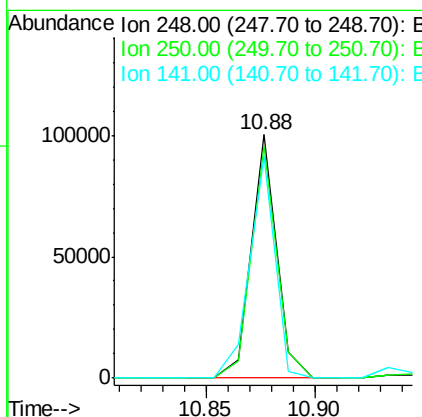
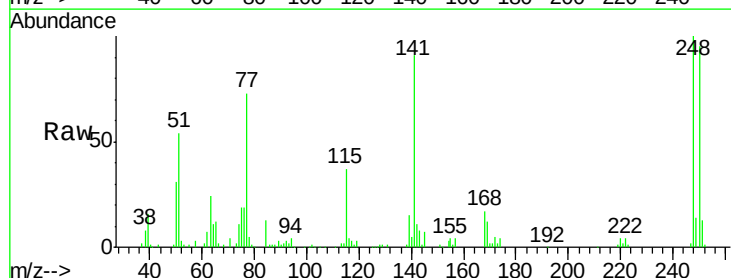
Instrument :
 BNA_F
 ClientSampleId :

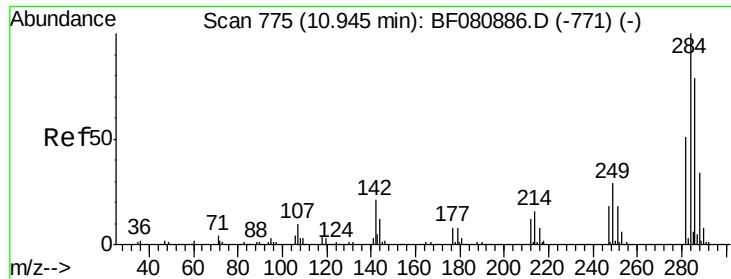
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.0	81.0
167	36.9	29.8	44.8



#66
 4-Bromophenyl-phenylether
 Concen: 35.50 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	75.9	113.9
141	90.9	75.8	113.6





#67

Hexachlorobenzene

Concen: 37.14 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

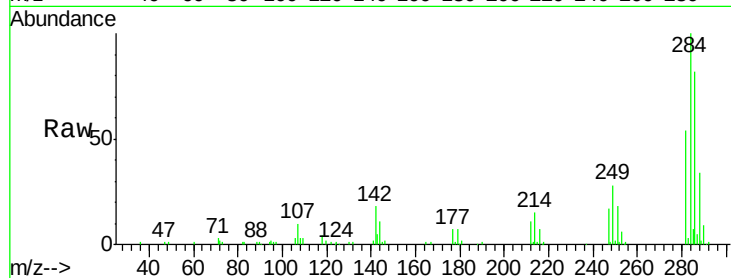
Tot Ion:284 Resp: 92109

Ion Ratio Lower Upper

284 100

142 18.2 16.4 24.6

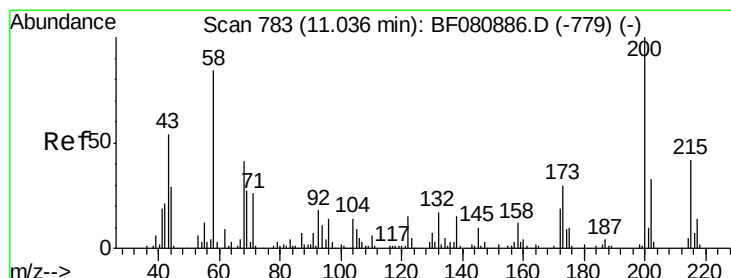
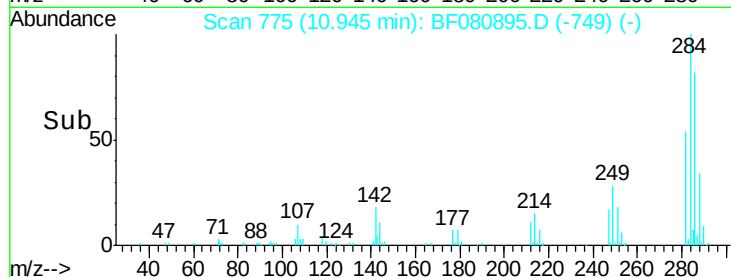
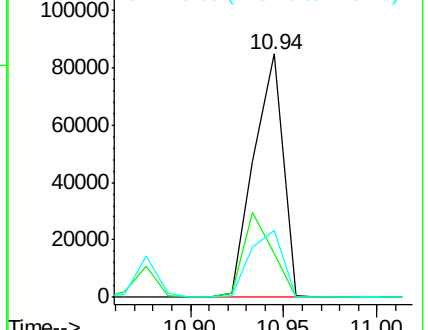
249 27.7 23.1 34.7



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: 36.96 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

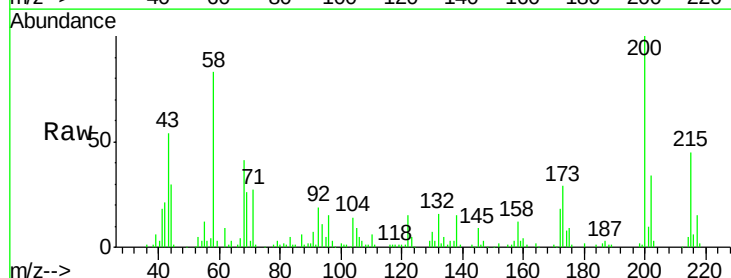
Tgt Ion:200 Resp: 80226

Ion Ratio Lower Upper

200 100

173 29.4 10.0 50.0

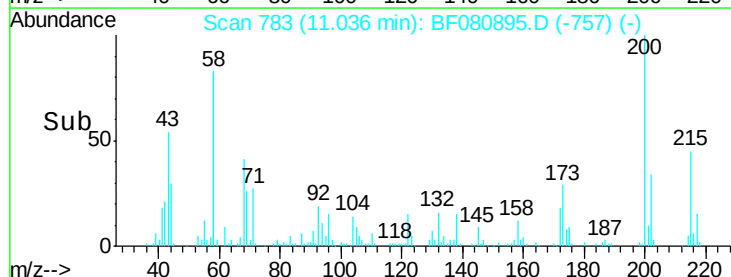
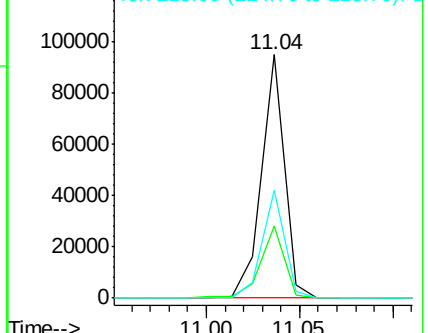
215 44.6 22.3 62.3

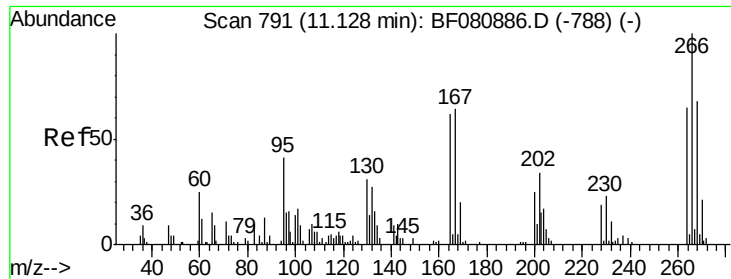


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

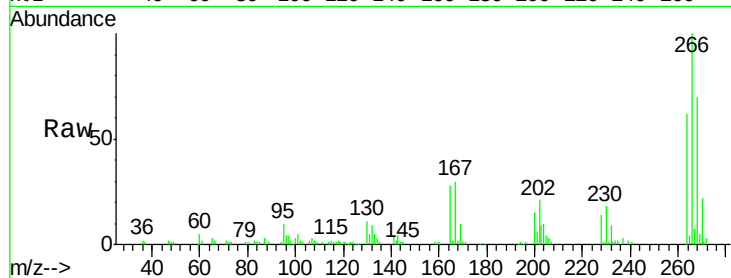




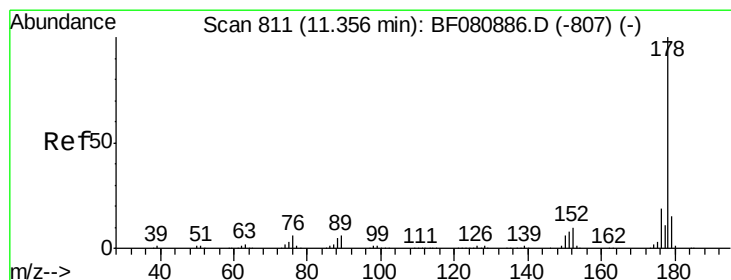
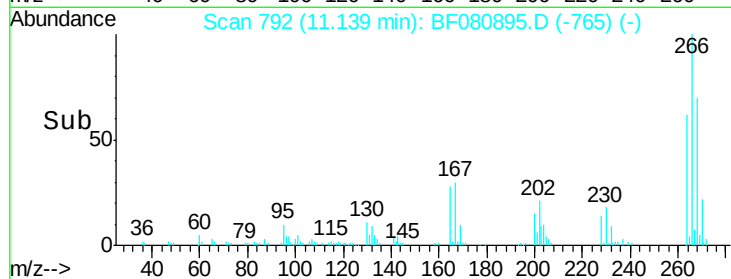
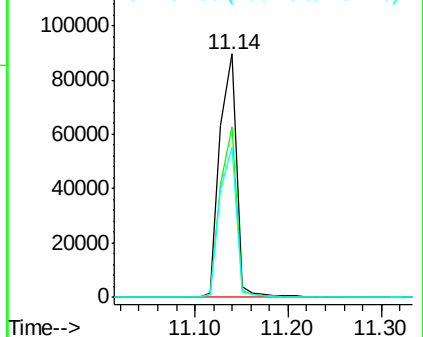
#69
 Pentachlorophenol
 Concen: 80.55 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 111961
 Ion Ratio Lower Upper
 266 100
 268 70.0 54.1 81.1
 264 61.6 51.6 77.4

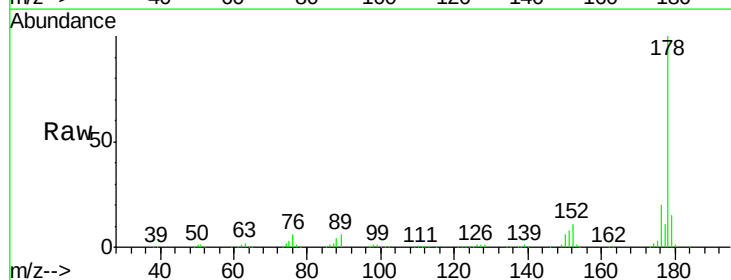


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

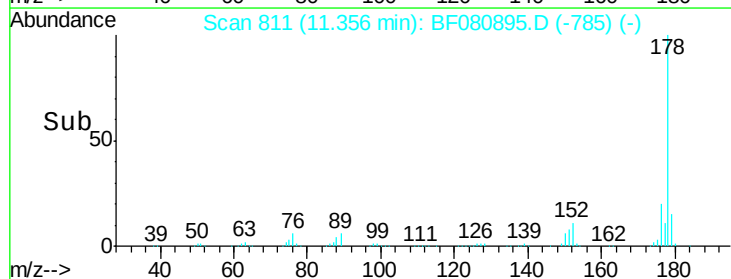
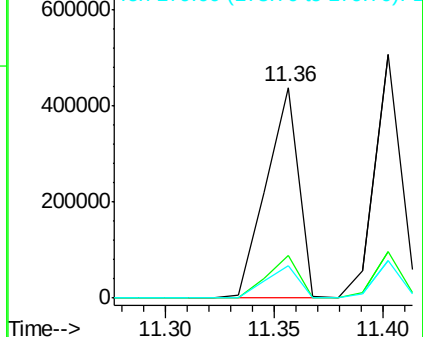


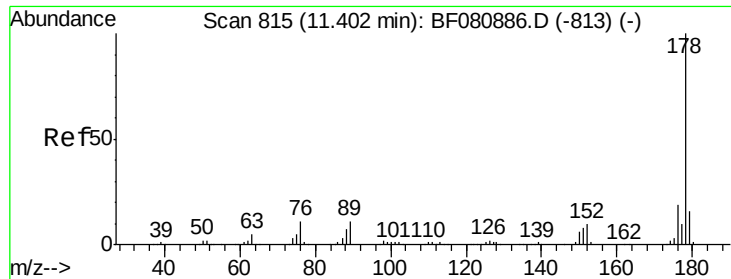
#70
 Phenanthrene
 Concen: 37.25 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:178 Resp: 459939
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.6 23.4
 179 15.3 12.0 18.0



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

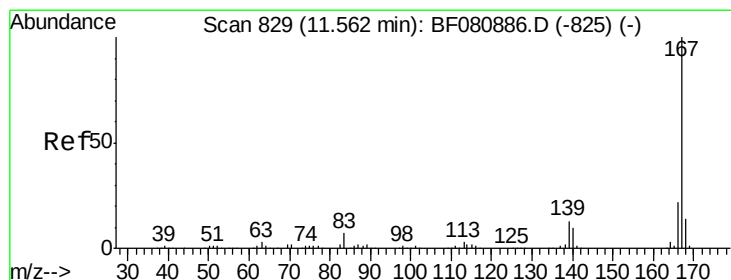
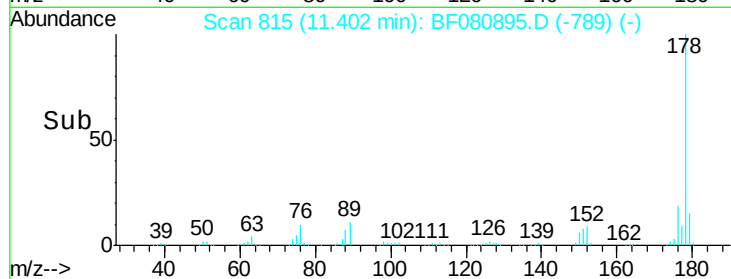
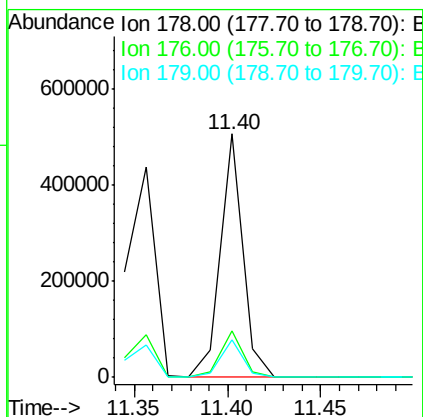
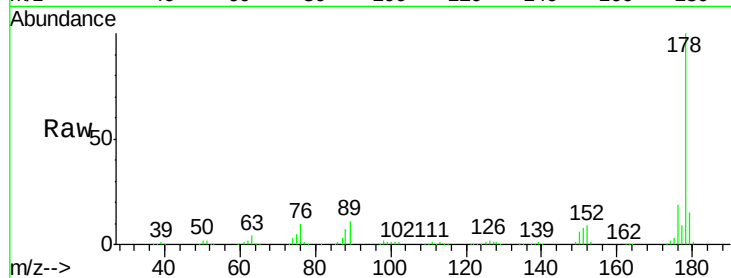




#71
 Anthracene
 Concen: 35.22 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

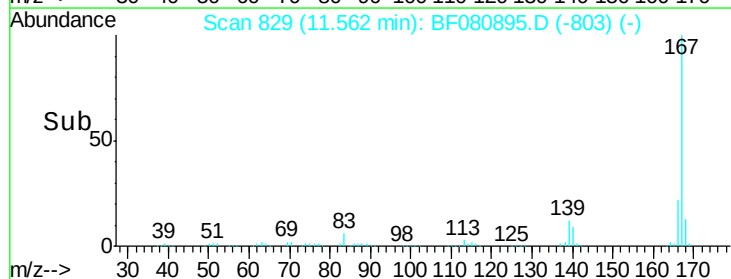
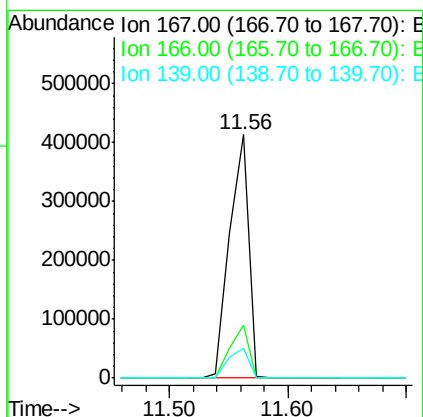
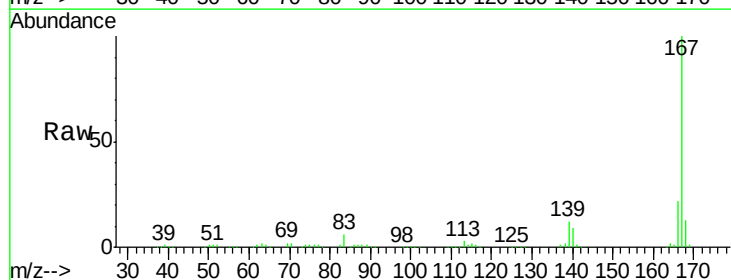
Instrument :
 BNA_F
 ClientSampleId :

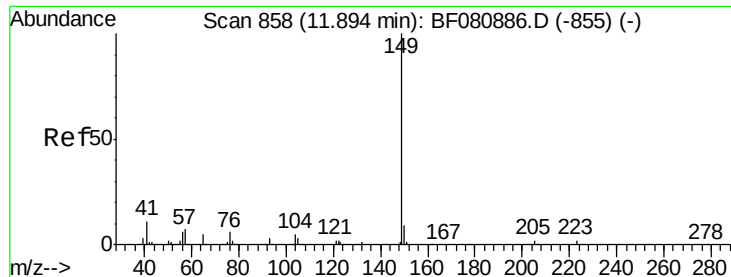
Tot Ion:178 Resp: 428039
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.4 12.5 18.7



#72
 Carbazole
 Concen: 37.58 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:167 Resp: 461277
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.0 10.2 15.2





#73

Di-n-butylphthalate

Concen: 34.48 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

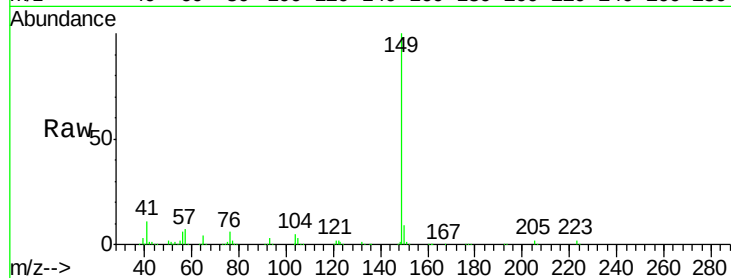
Tot Ion:149 Resp: 515969

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

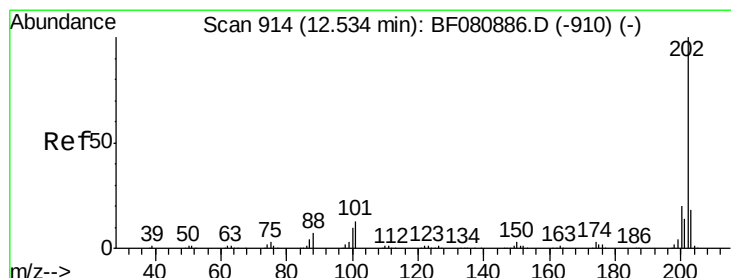
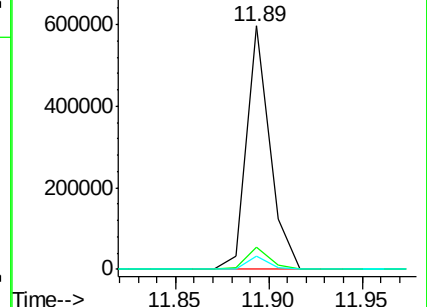
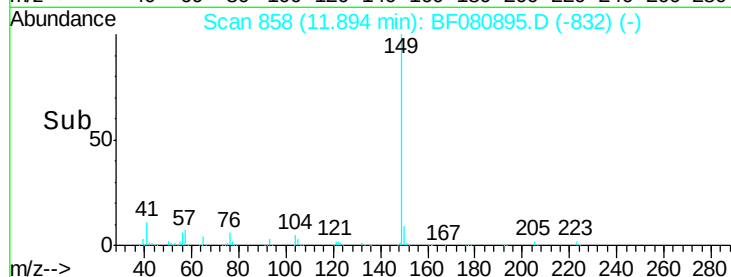
104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.38 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

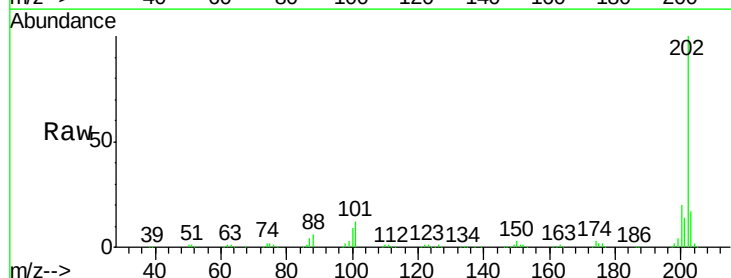
Tgt Ion:202 Resp: 491176

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.7

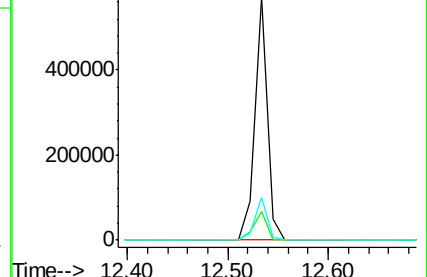
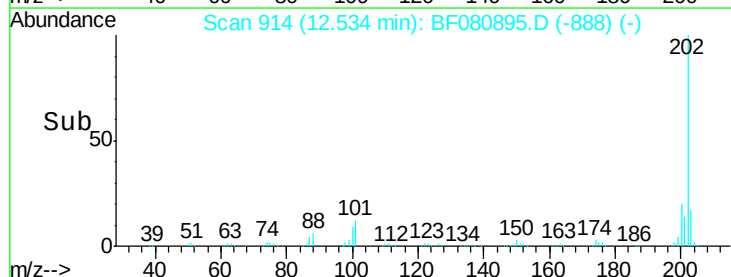
203 17.3 0.0 37.6

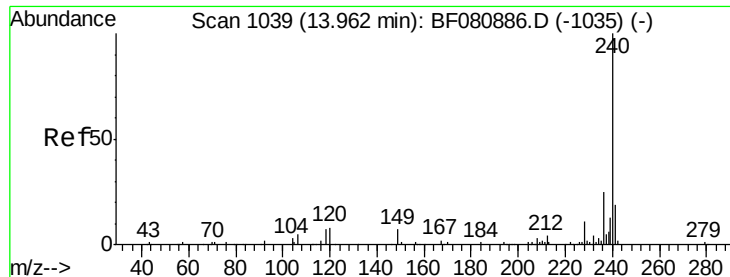


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampled :

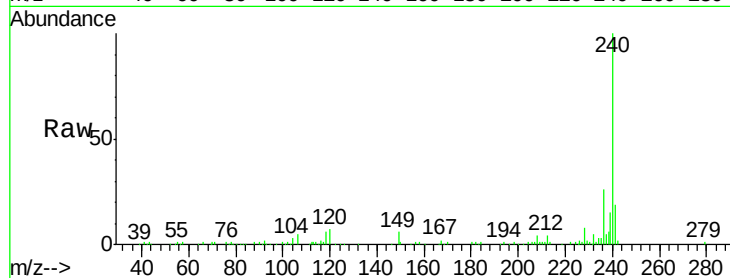
Tot Ion:240 Resp: 184941

Ion Ratio Lower Upper

240 100

120 6.9 6.4 9.6

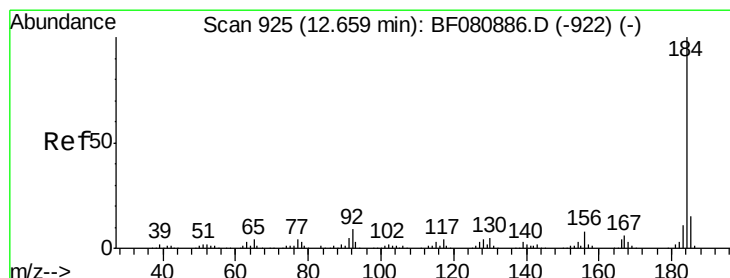
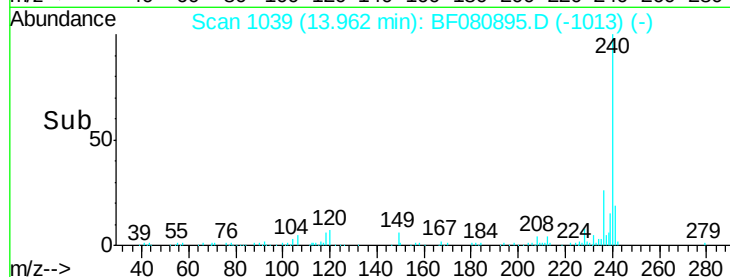
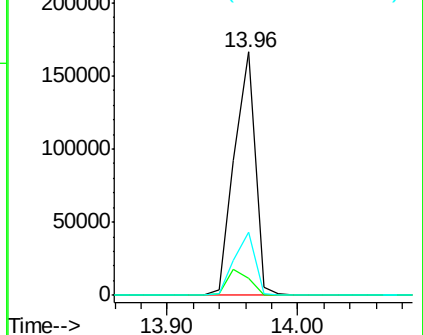
236 26.0 20.2 30.4



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: 30.08 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

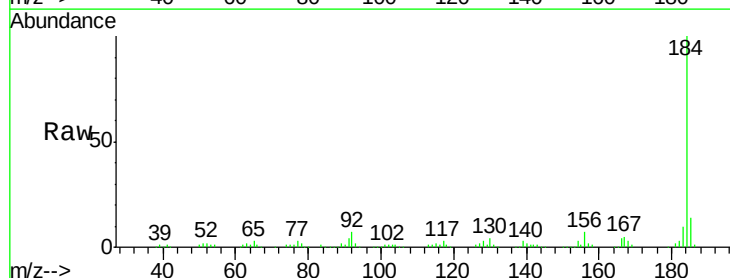
Tgt Ion:184 Resp: 227255

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

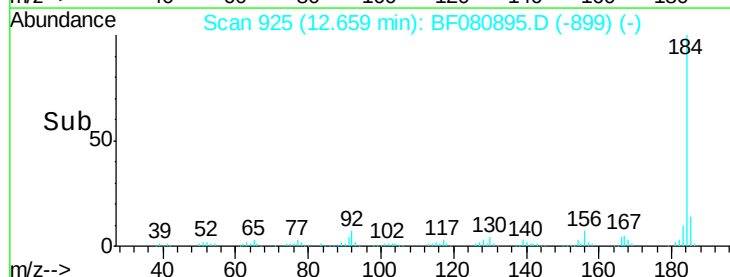
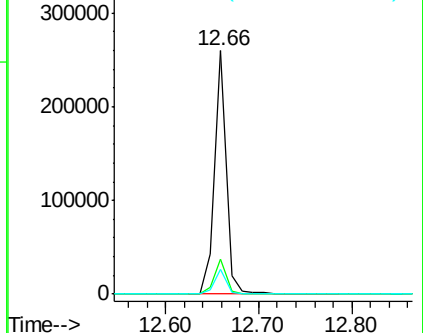
183 10.3 8.9 13.3

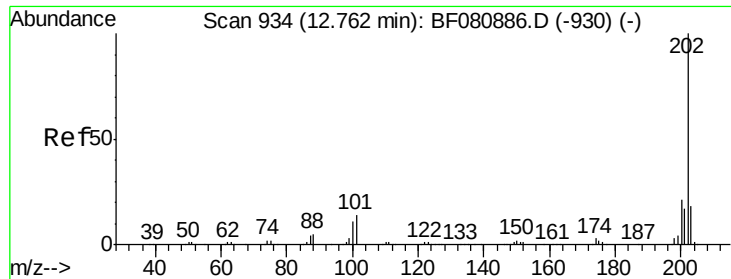


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

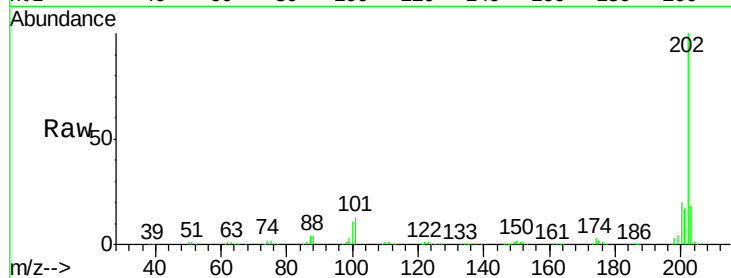




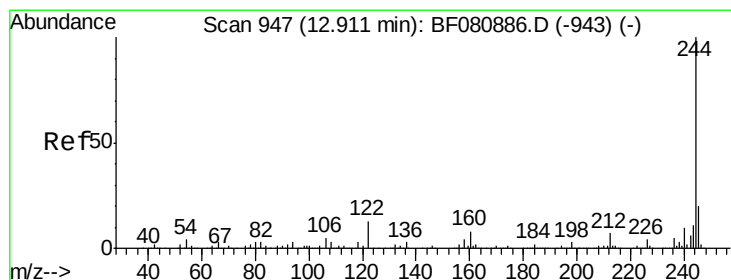
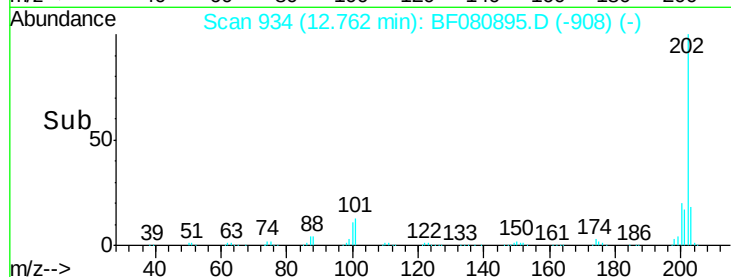
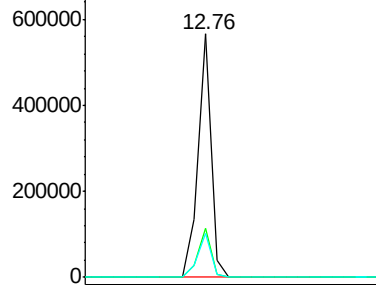
#77
Pvrene
Concen: 37.27 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.9	14.3	21.5

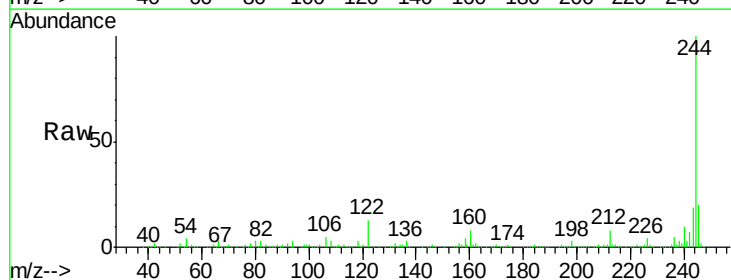


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

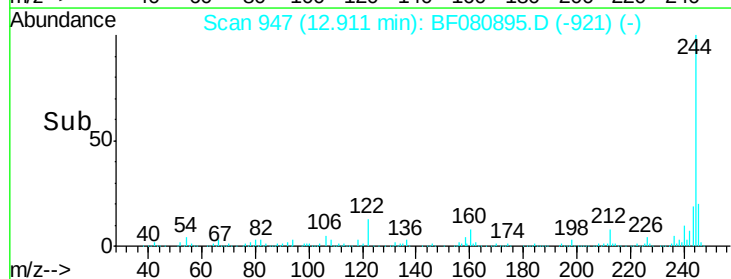
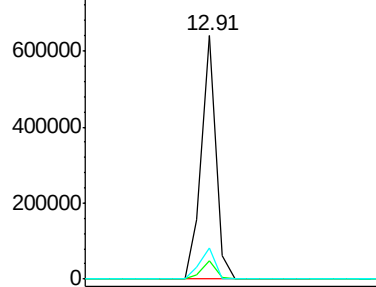


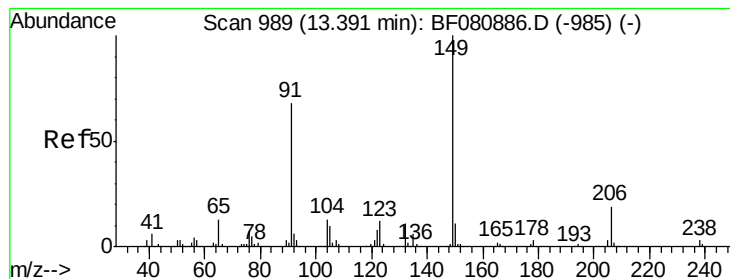
#78
Terphenyl-d14
Concen: 67.55 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.9	10.6	16.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.65 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

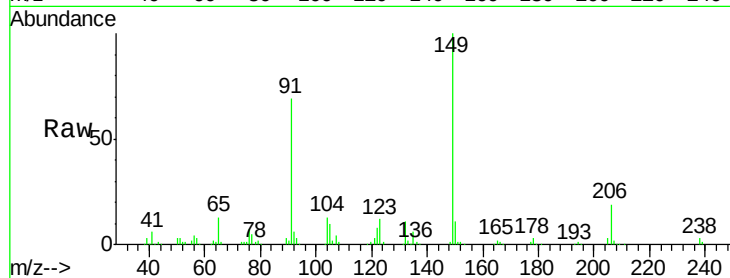
Tot Ion:149 Resp: 260665

Ion Ratio Lower Upper

149 100

91 69.4 54.0 81.0

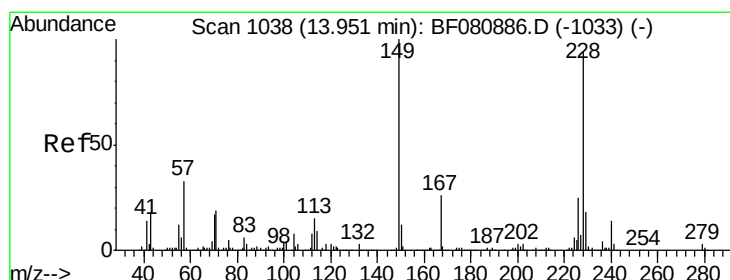
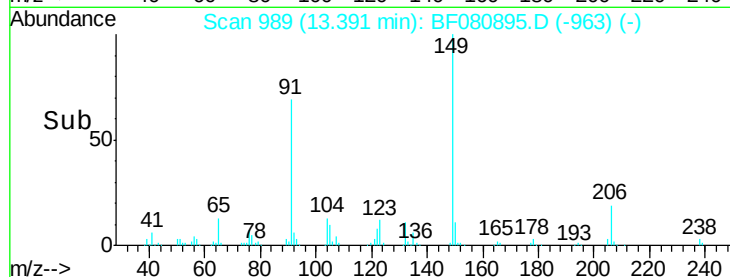
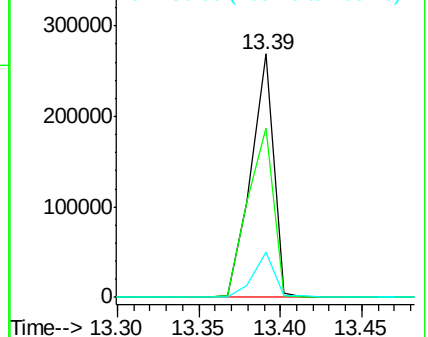
206 18.8 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.32 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

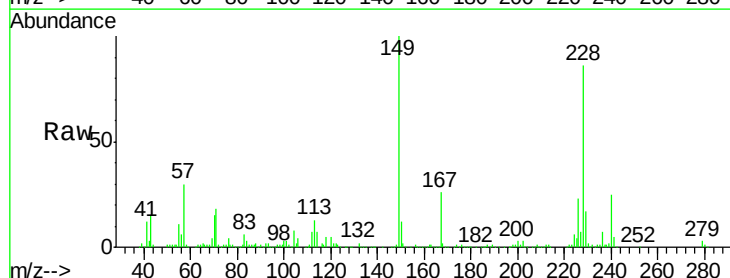
Tgt Ion:228 Resp: 438818

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

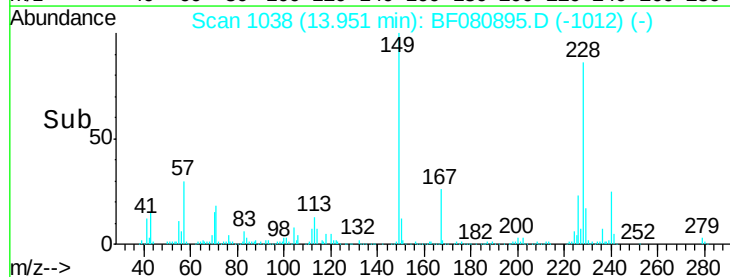
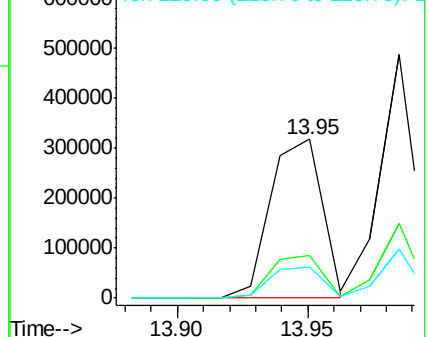
229 19.3 14.9 22.3

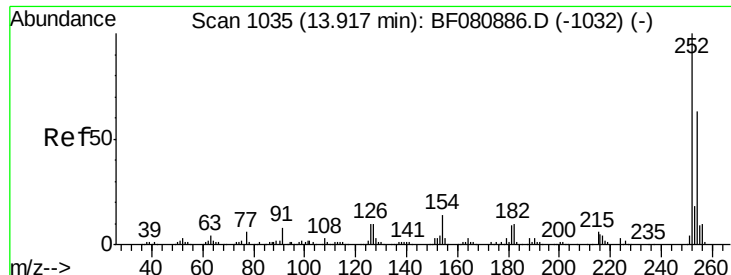


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

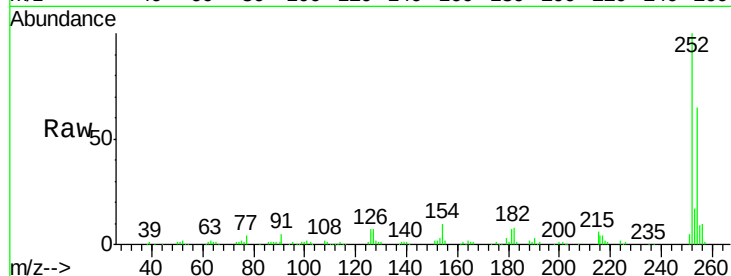




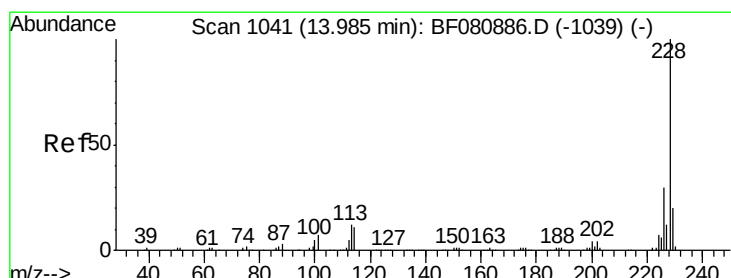
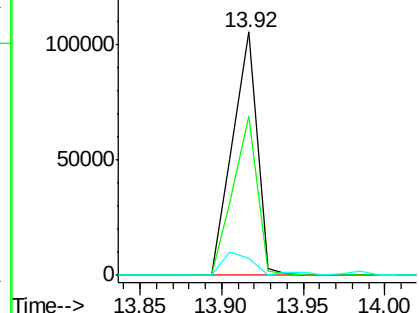
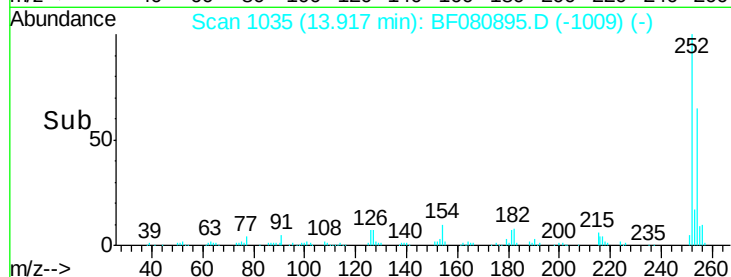
#81
 3,3'-Dichlorobenzidine
 Concen: 24.18 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.0	75.0
126	7.1	8.1	12.1#

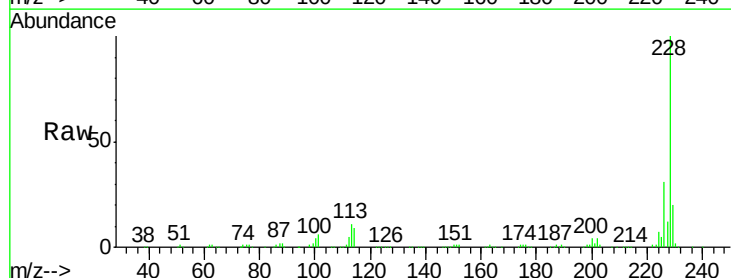


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

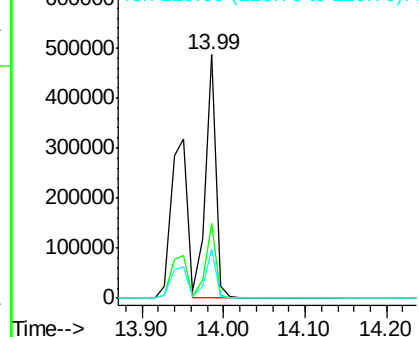
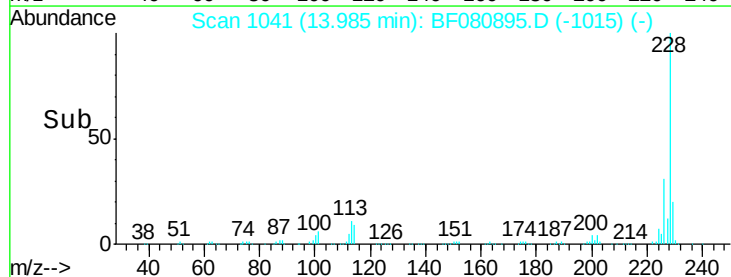


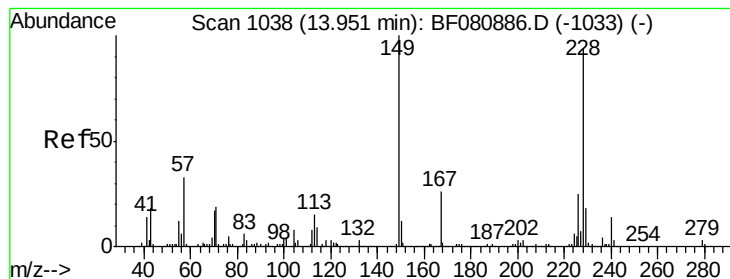
#82
 Chrysene
 Concen: 38.03 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	19.9	16.2	24.2



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: 38.29 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

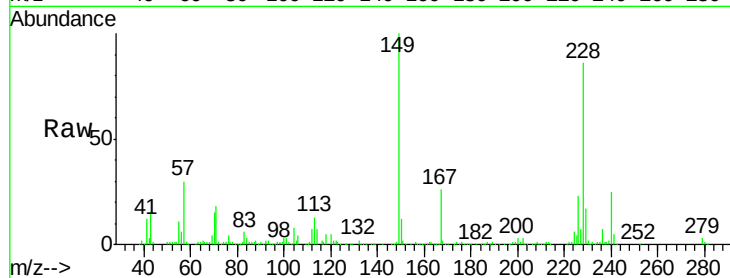
Tot Ion:149 Resp: 345022

Ion Ratio Lower Upper

149 100

167 25.8 20.6 31.0

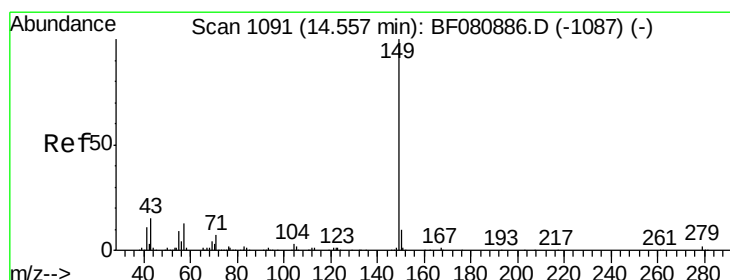
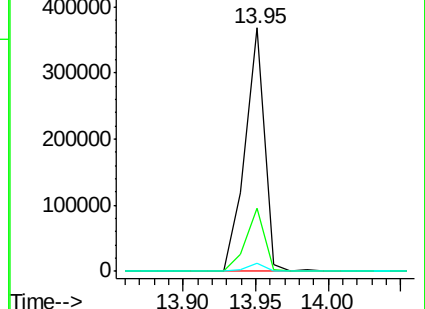
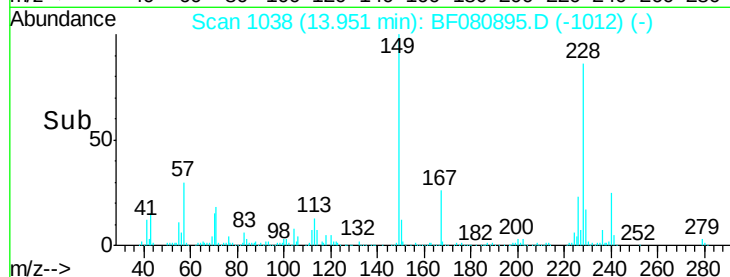
279 3.1 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.71 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

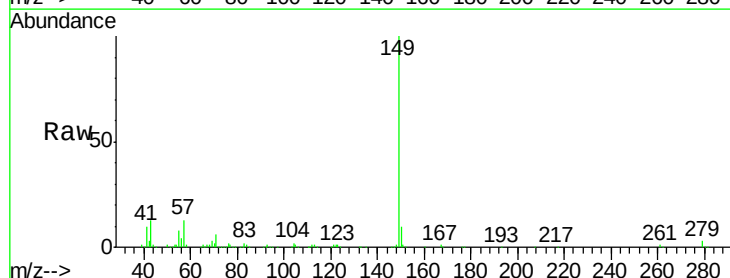
Tgt Ion:149 Resp: 598839

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

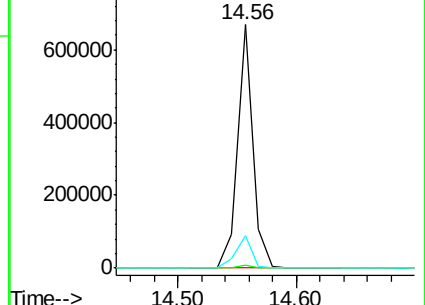
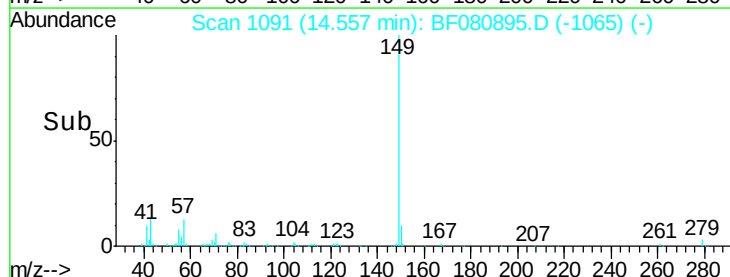
43 13.9 11.5 17.3

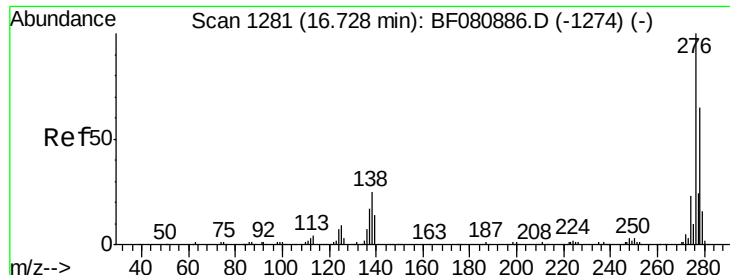


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

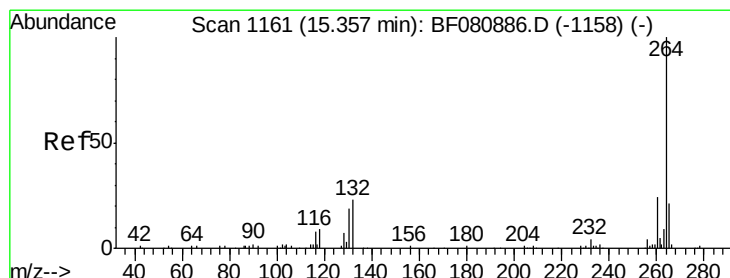
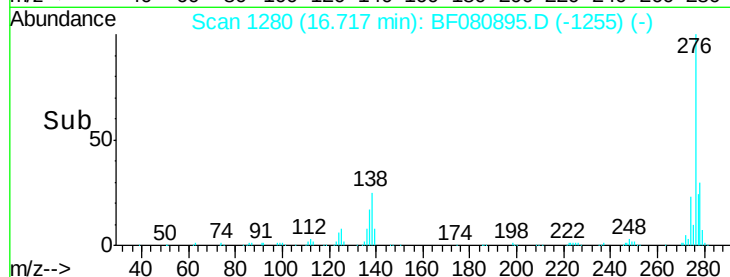
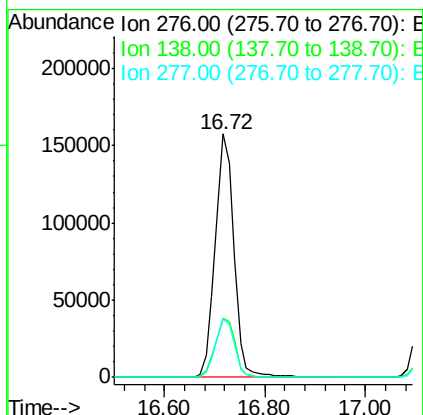
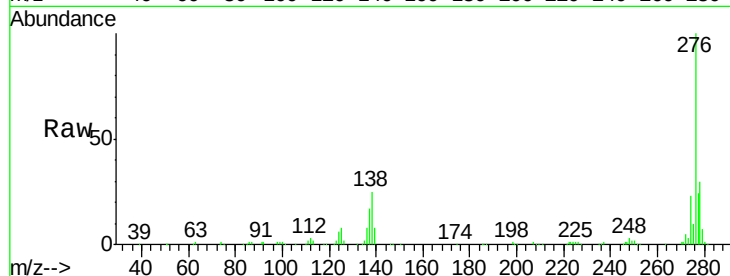




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.48 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

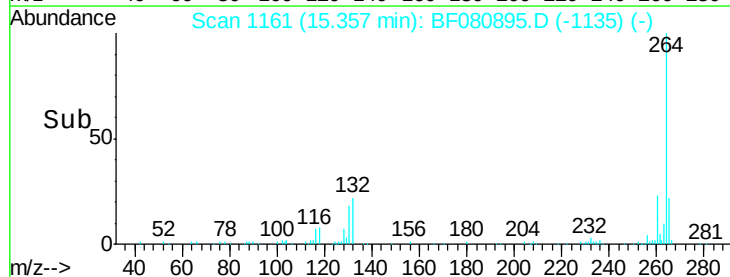
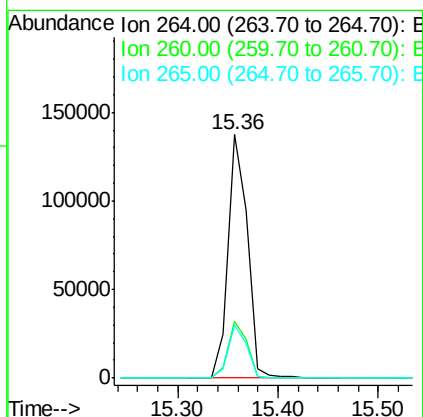
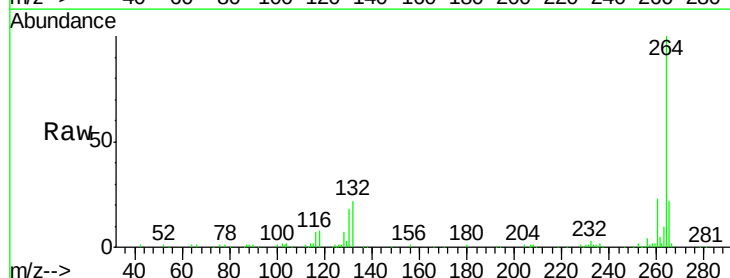
Instrument :
 BNA_F
 ClientSampleId :

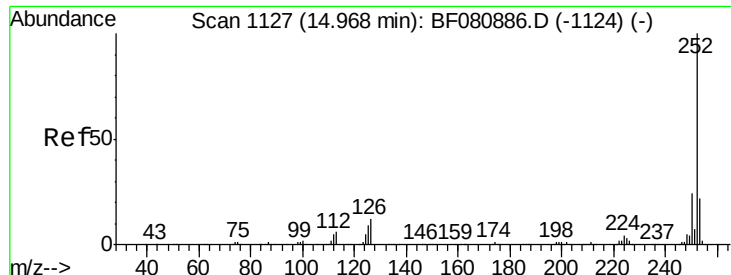
Tot Ion:276 Resp: 410235
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.7 31.1
 277 24.6 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080895.D
 Acq: 6 Aug 2015 18:28

Tgt Ion:264 Resp: 183290
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.6 17.0 25.6

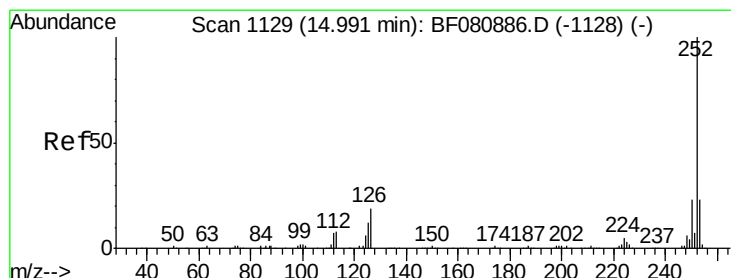
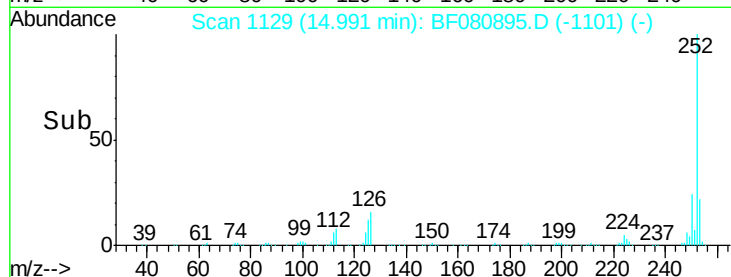
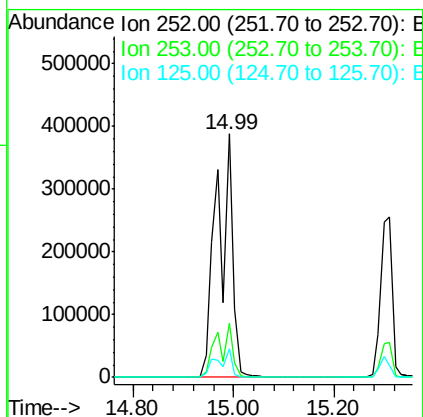
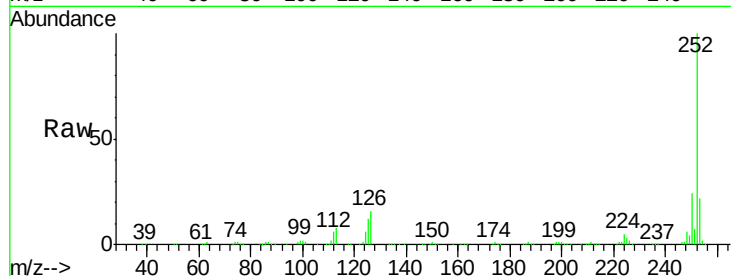




#87
Benzo(b)fluoranthene
Concen: 65.23 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

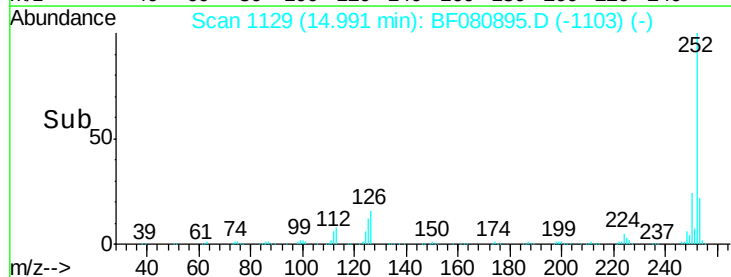
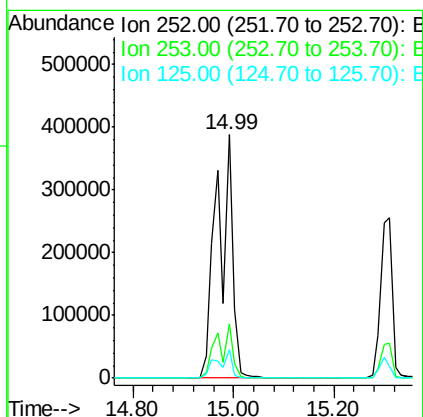
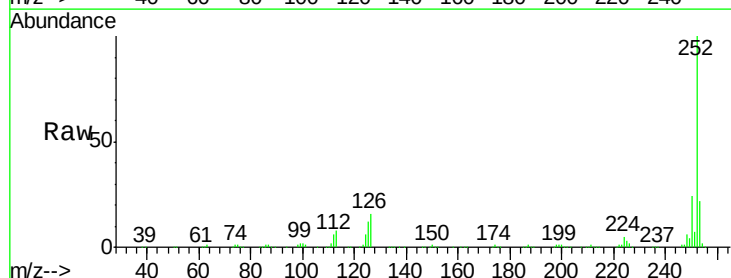
Instrument :
BNA_F
ClientSampleId :

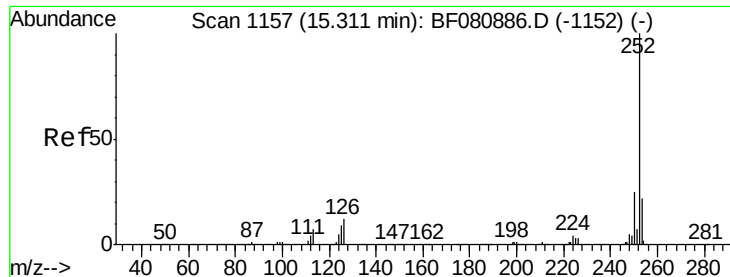
Tot Ion:252 Resp: 839619
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 77.43 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080895.D
Acq: 6 Aug 2015 18:28

Tgt Ion:252 Resp: 839619
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.7 9.8 14.8





#89

Benzo(a)pyrene

Concen: 37.77 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :

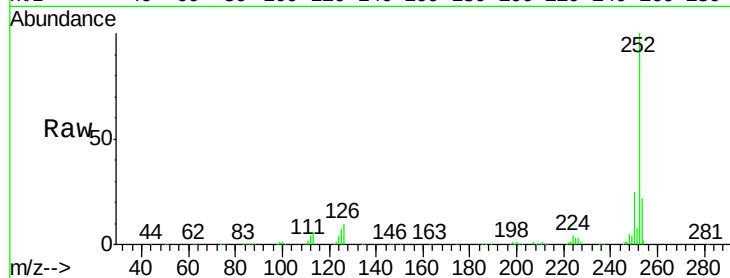
Tot Ion:252 Resp: 419024

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

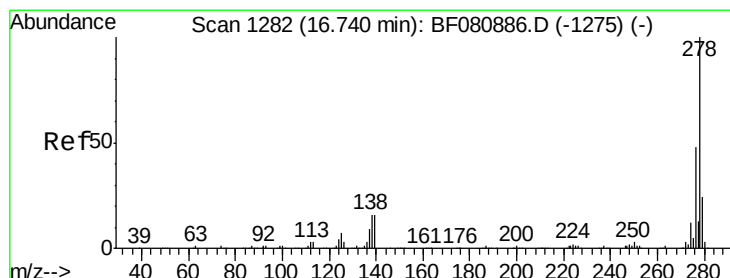
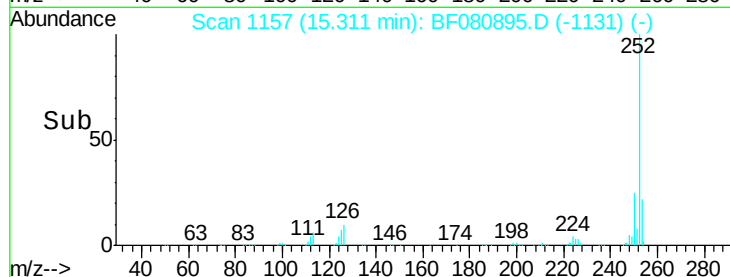
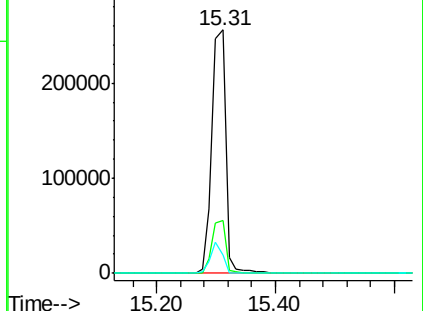
125 7.5 7.5 11.3#



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: 36.26 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

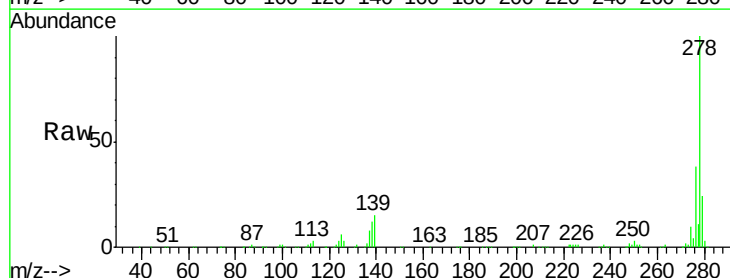
Tgt Ion:278 Resp: 346688

Ion Ratio Lower Upper

278 100

139 14.9 13.2 19.8

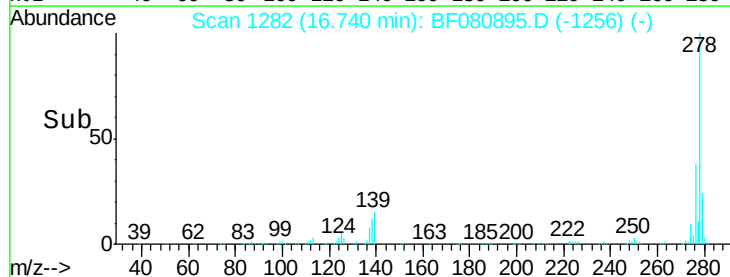
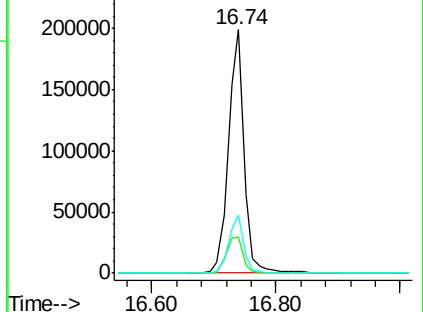
279 23.8 19.1 28.7

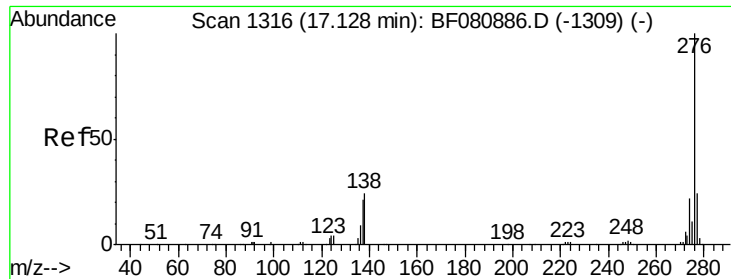


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.35 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.00 min

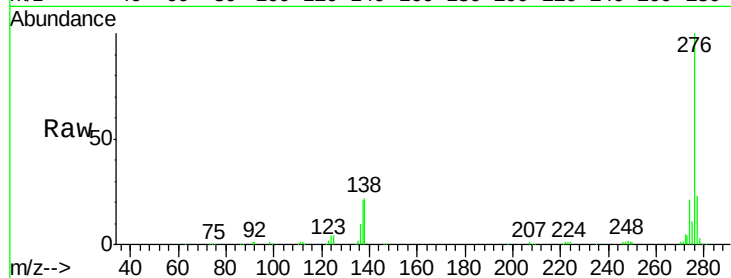
Lab File: BF080895.D

Acq: 6 Aug 2015 18:28

Instrument :

BNA_F

ClientSampleId :



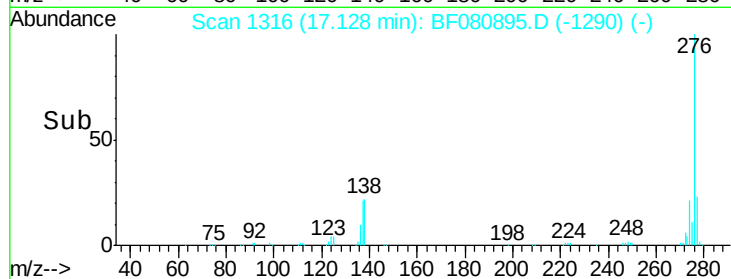
Tot Ion: 276 Resp: 336949

Ion Ratio Lower Upper

276 100

277 22.8 19.3 28.9

138 22.3 19.1 28.7



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

