Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098570.D
Acq On : 15 Sep 2017 15:33
Operator : SJ/JU
Sample : I5188-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-11-22

Quant Time: Sep 15 16:20:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139660	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	559579	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	226199	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	347510	20.00	ng		0.00
75) Chrysene-d12	13.80	240	273848	20.00	ng		0.00
86) Perylene-d12	15.21	264	245757	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1018696	107.85	ng		0.01
7) Phenol-d6	6.30	99	1300863	108.47	ng		0.00
23) Nitrobenzene-d5	7.22	82	759198	75.64	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	171808	113.80	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1207779	90.50	ng		0.00
78) Terphenyl-d14	12.75	244	717255	56.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.32	94	37764	2.711	ng	#	47
17) 2-Methylphenol	7.09	107	38922	4.595	ng	#	68
19) n-Nitroso-di-n-propylamine	7.22	70	101842	13.500	ng	#	80
20) 3+4-Methylphenols	7.09	107	39264	3.673	ng	#	57
25) Isophorone	7.22	82	759287	37.388	ng	#	67
31) Naphthalene	7.95	128	121138	4.379	ng		99
32) Benzoic acid	7.76	122	1808	8.225	ng	#	80
37) 2-Methylnaphthalene	8.64	142	42863	2.558	ng		99
49) Dimethylphthalate	9.40	163	164196	9.377	ng		99
64) 4,6-Dinitro-2-methylphenol	10.37	198	106	5.009	ng	#	1
69) Pentachlorophenol	10.79	266	315	7.133	ng	#	18
70) Phenanthrene	11.19	178	81634	4.431	ng		99
71) Anthracene	11.19	178	81634	4.316	ng		98
74) Fluoranthene	12.37	202	108075	5.860	ng		98
77) Pyrene	12.60	202	99924	4.625	ng		97
80) Benzo(a)anthracene	13.79	228	46658	2.906	ng	#	85
82) Chrysene	13.83	228	46388	2.858	ng	#	92
87) Benzo(b)fluoranthene	14.82	252	79003	5.113	ng	#	69
88) Benzo(k)fluoranthene	14.82	252	79003	5.476	ng	#	75
89) Benzo(a)pyrene	15.15	252	40724	2.958	ng	#	73

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

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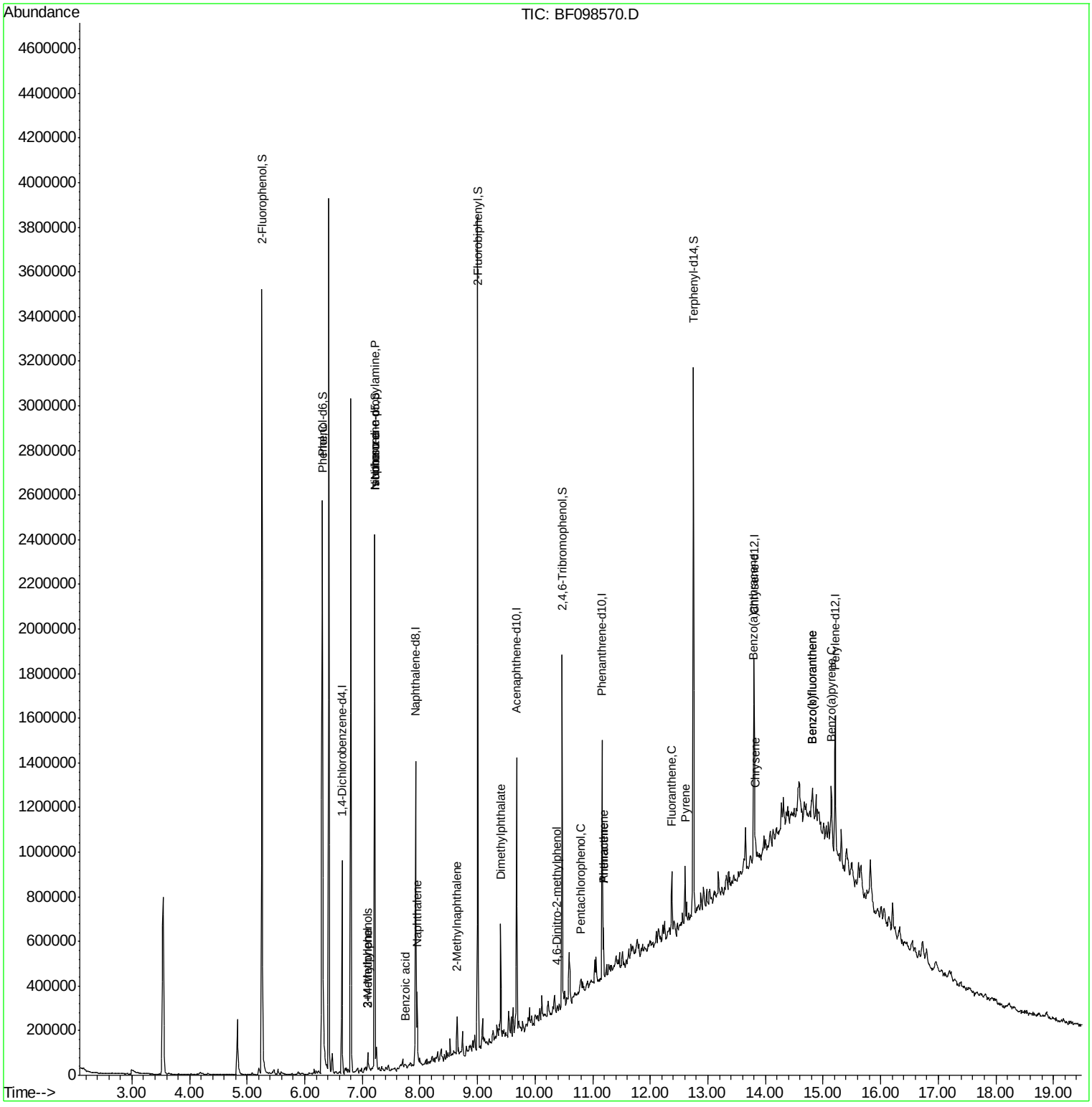
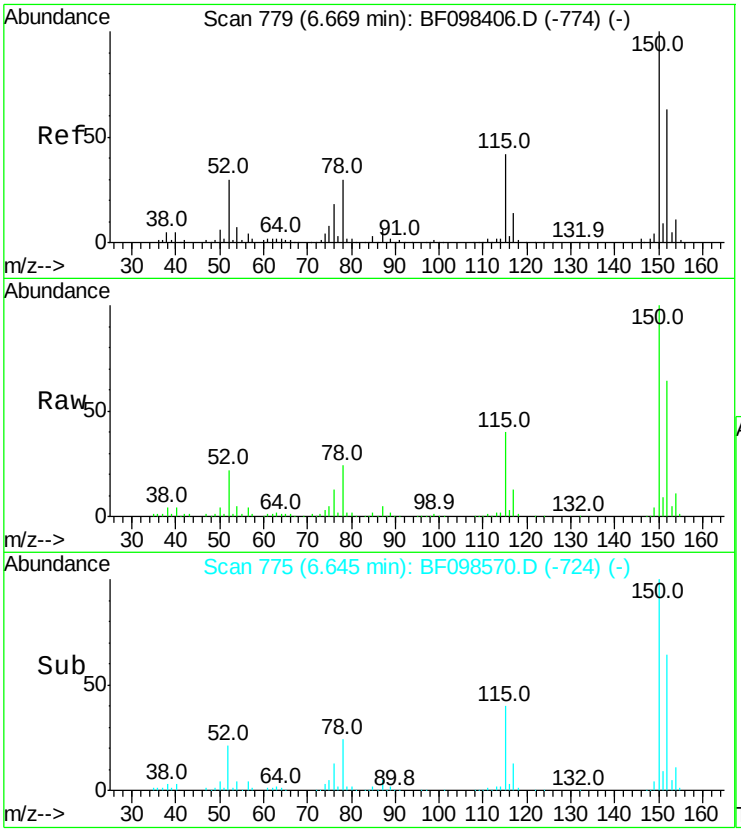


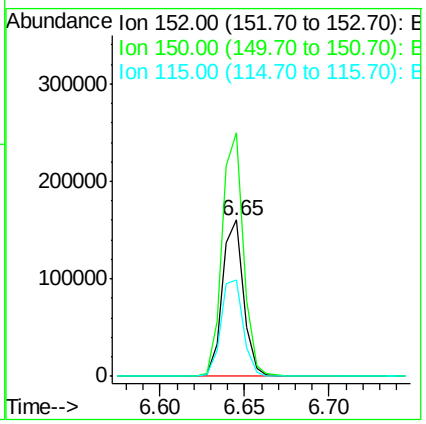


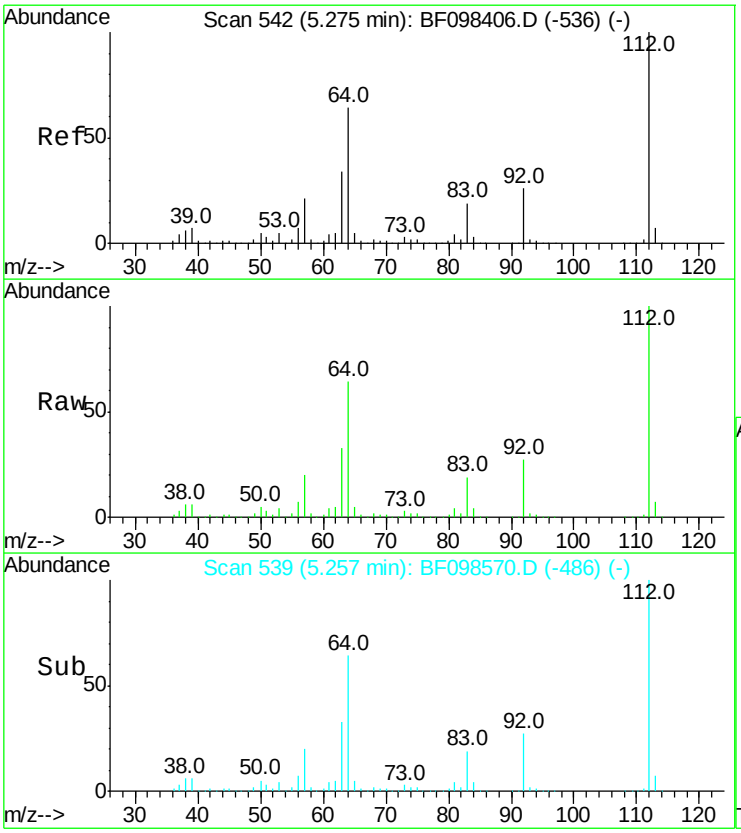
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:152 Resp: 139660

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	61.7	52.2	78.2

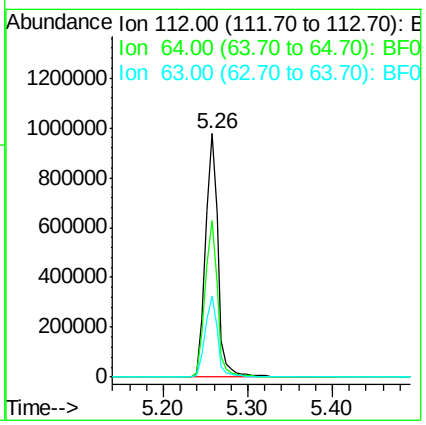


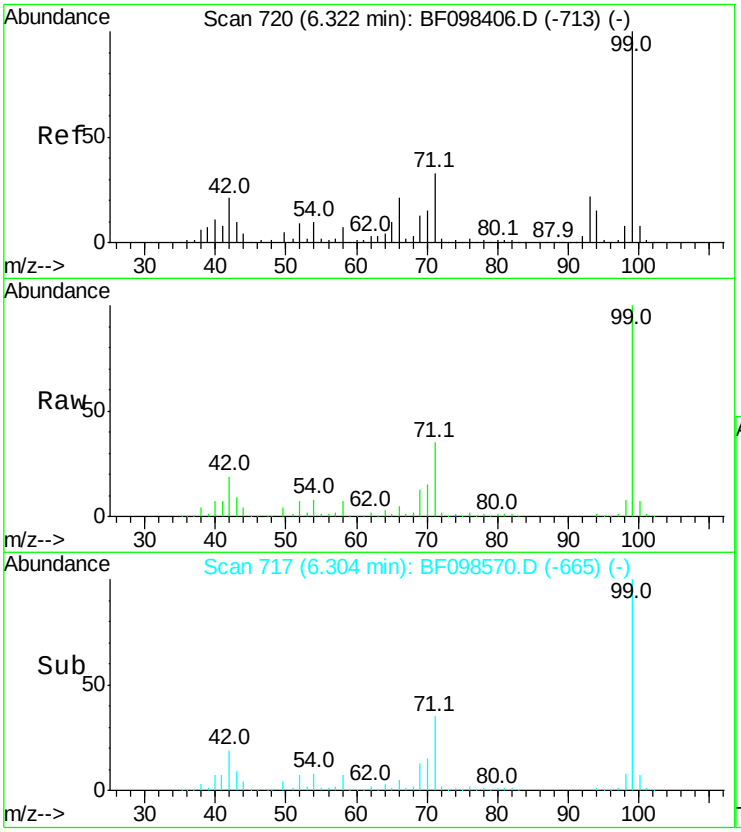


#5
2-Fluorophenol
Concen: 107.845 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:112 Resp: 1018696

Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.0	69.0
63	33.2	23.4	35.0



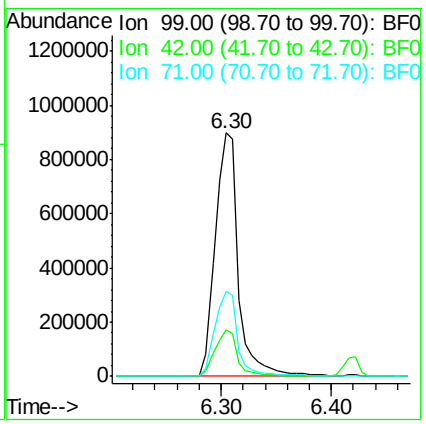


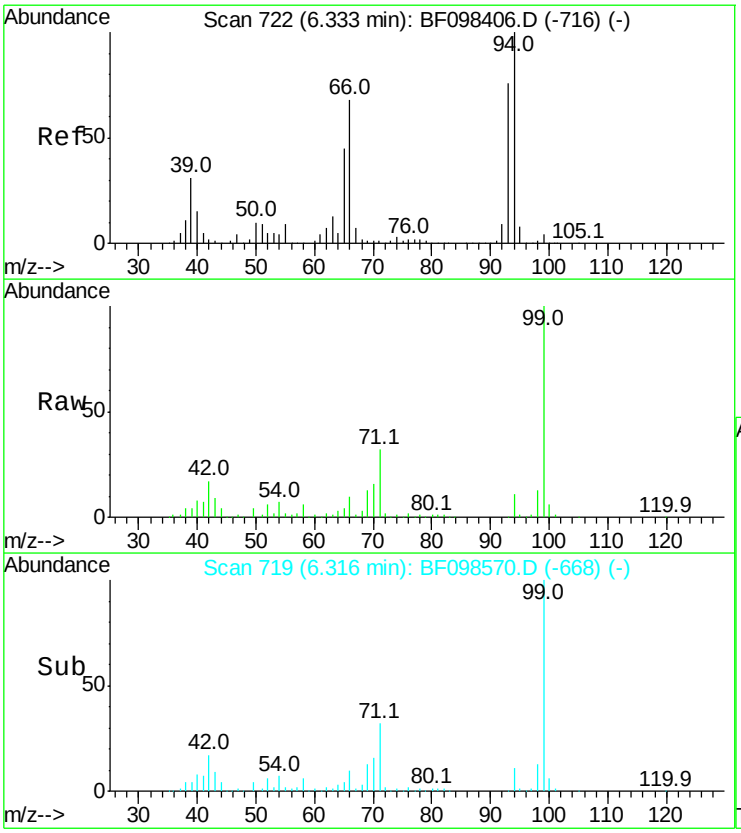
#7
Phenol-d6
Concen: 108.467 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion: 99 Resp: 1300863

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	34.7	24.5	36.7

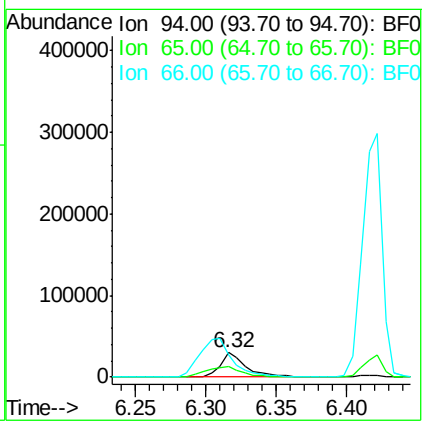


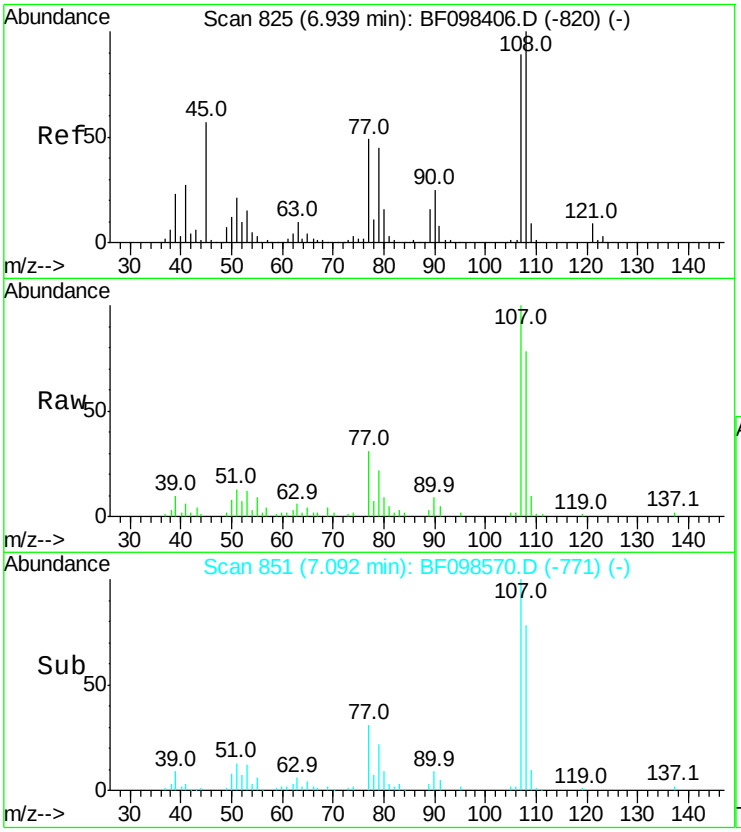


#10
Phenol
Concen: 2.711 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion: 94 Resp: 37764

Ion	Ratio	Lower	Upper
94	100		
65	41.9	9.9	49.9
66	91.2	23.1	63.1#



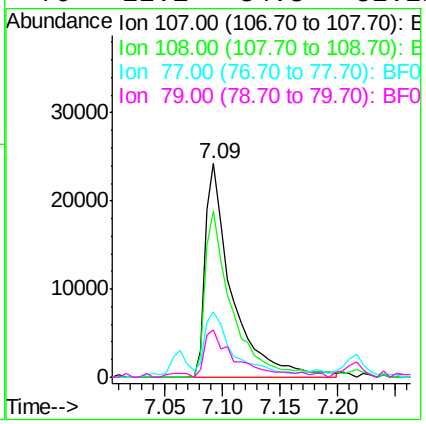


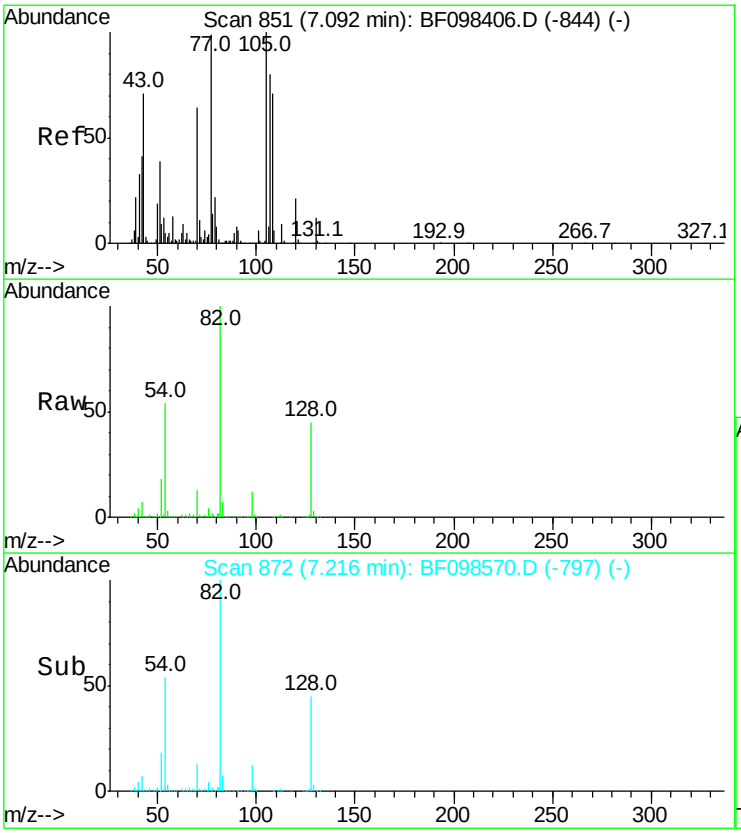
#17
2-Methylphenol
Concen: 4.595 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.17 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:107 Resp: 38922

Ion	Ratio	Lower	Upper
107	100		
108	77.9	93.4	140.0#
77	30.7	35.8	53.6#
79	22.1	34.8	52.2#

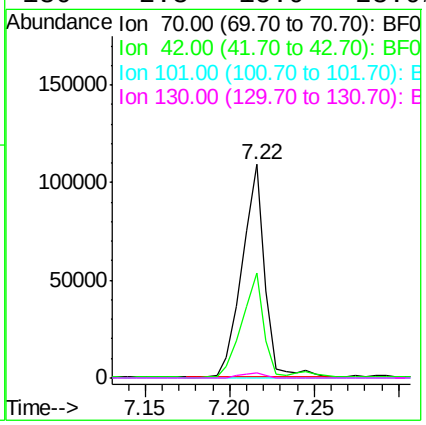


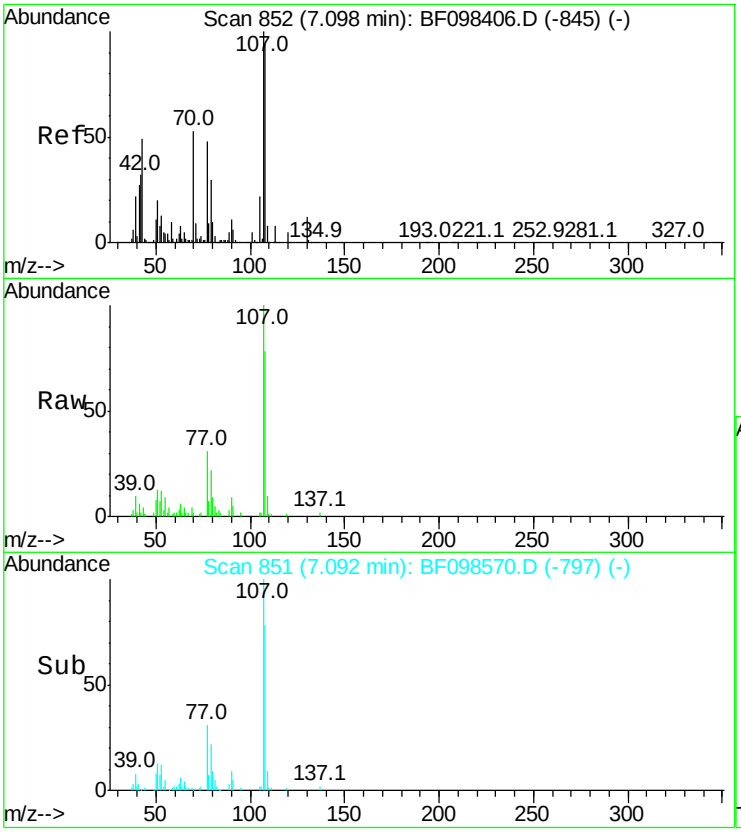


#19
n-Nitroso-di-n-propylamine
Concen: 13.500 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion: 70 Resp: 101842

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



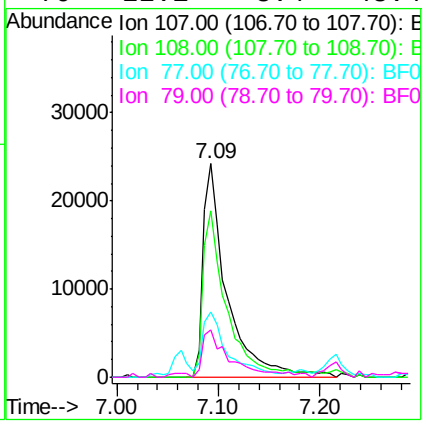


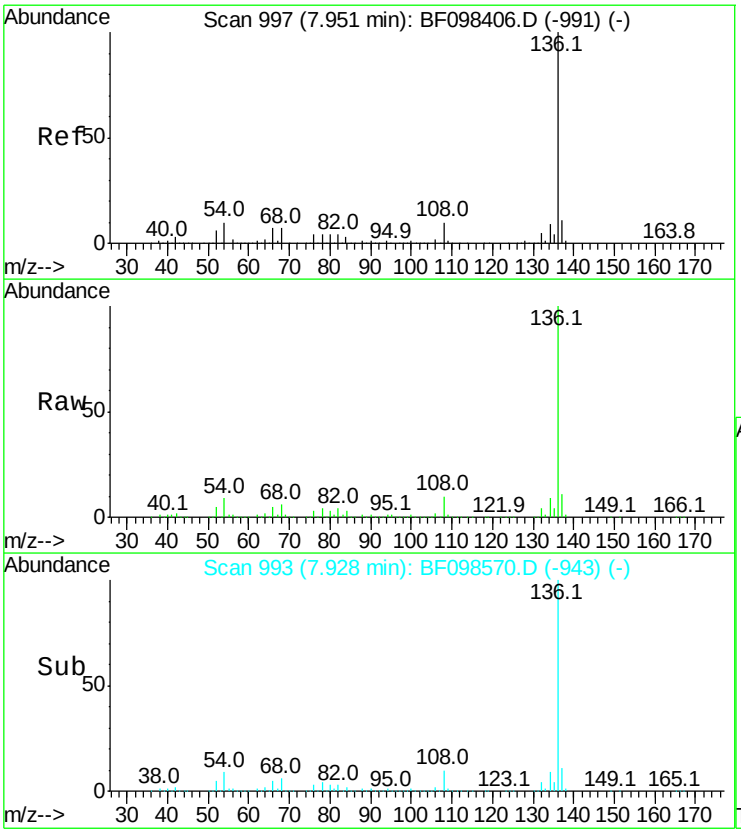
#20
3+4-Methylphenols
Concen: 3.673 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.02 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:107 Resp: 39264

Ion	Ratio	Lower	Upper
107	100		
108	77.9	71.0	111.0
77	30.7	90.5	130.5#
79	22.1	8.4	48.4

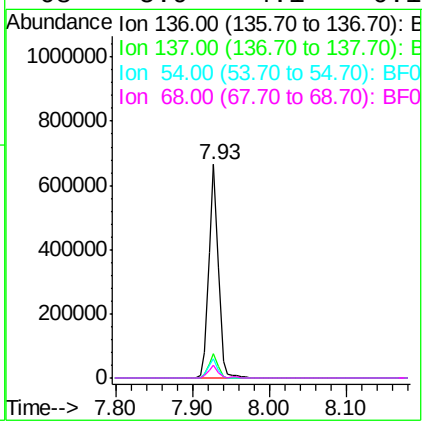


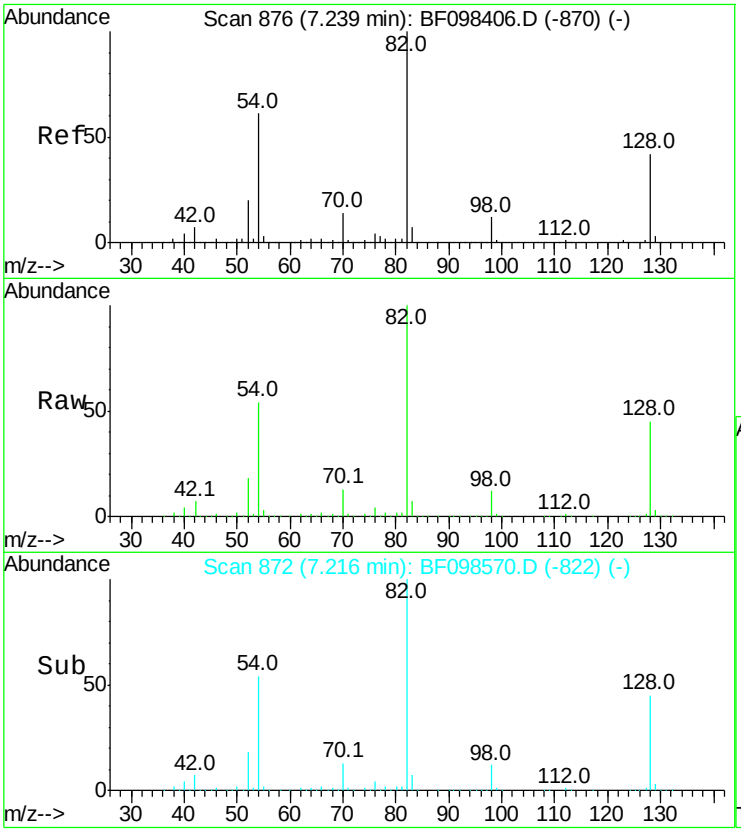


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:136 Resp: 559579

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.9	4.9	7.3#
68	5.9	4.1	6.1



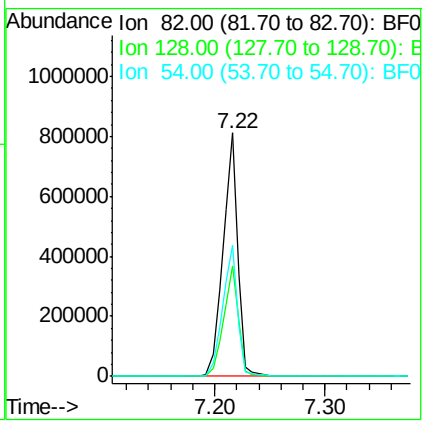


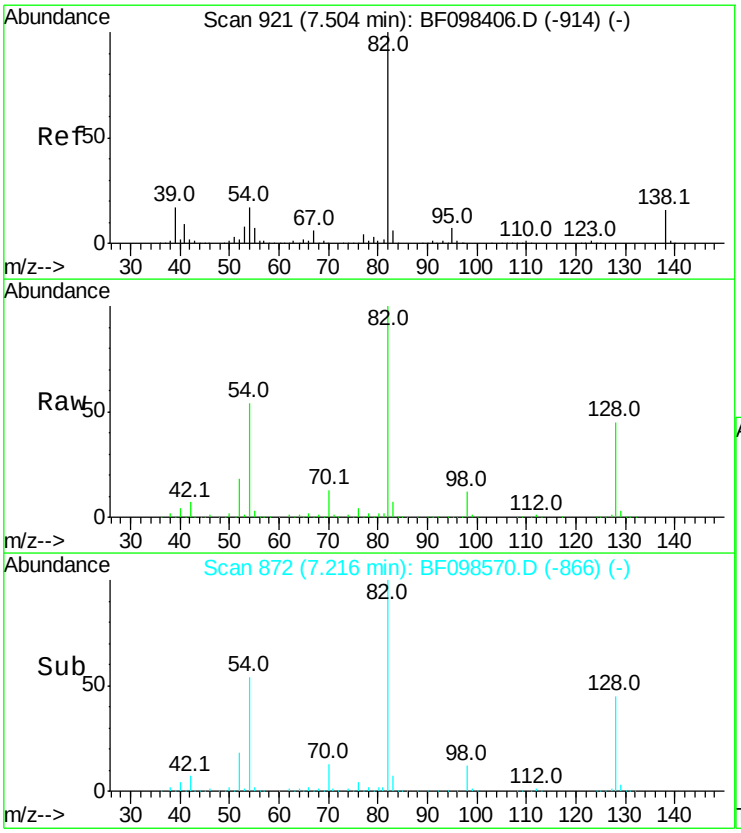
#23
Nitrobenzene-d5
Concen: 75.637 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion: 82 Resp: 759198

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	53.8	42.2	63.2

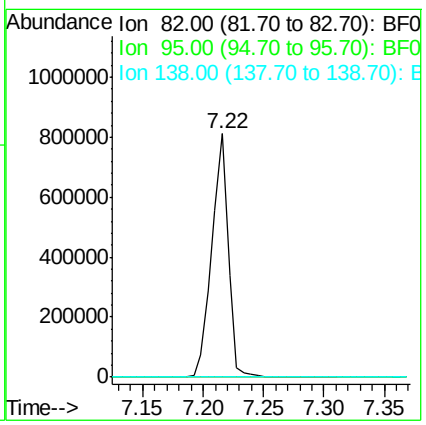


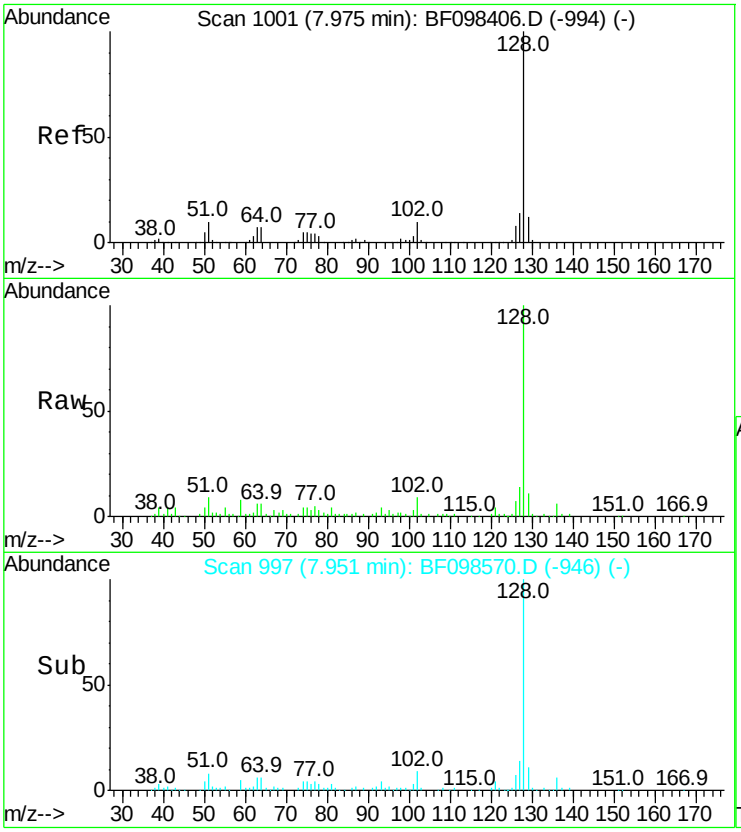


#25
Isophorone
Concen: 37.388 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion: 82 Resp: 759287

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



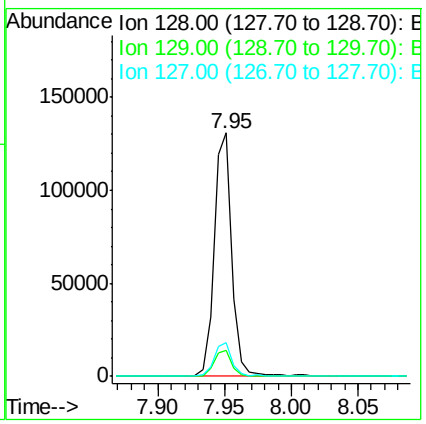


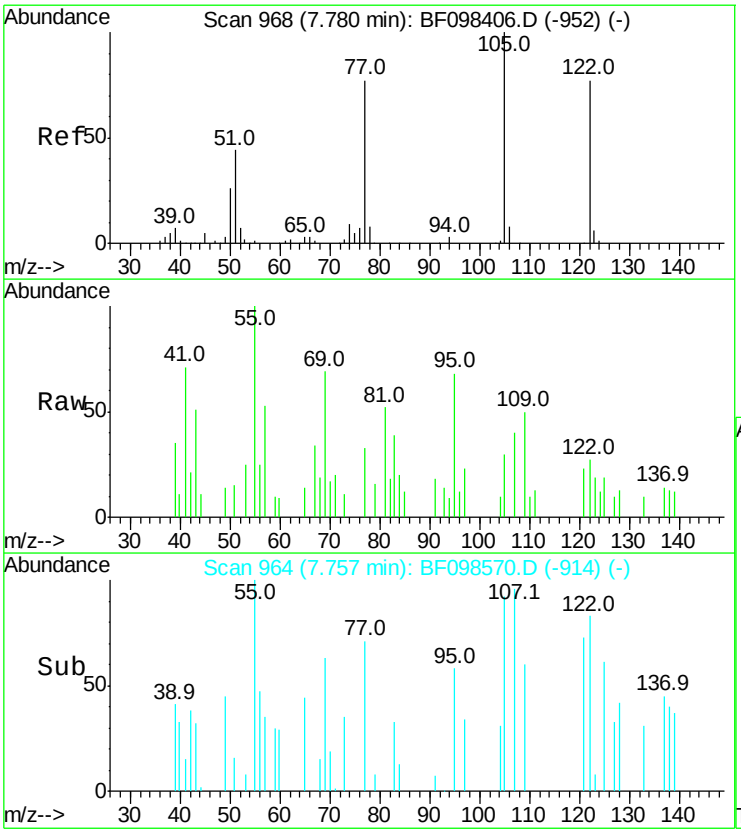
#31
Naphthalene
Concen: 4.379 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:128 Resp: 121138

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.7	10.8	16.2

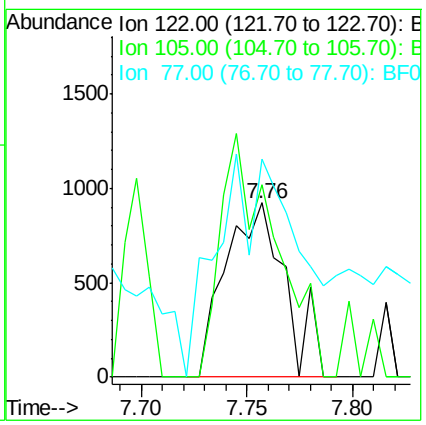


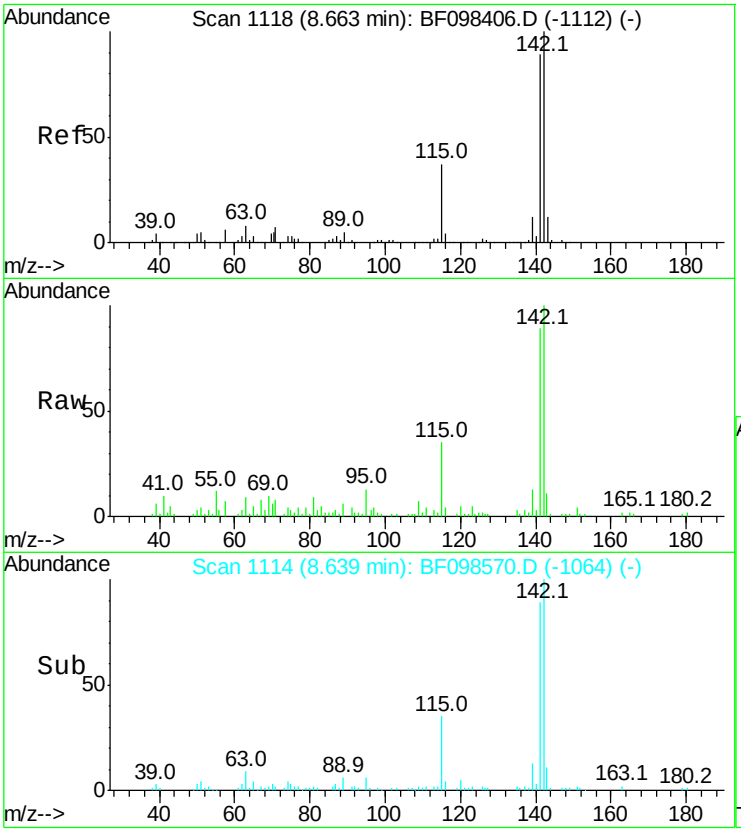


#32
Benzoic acid
Concen: 8.225 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:122 Resp: 1808

Ion	Ratio	Lower	Upper
122	100		
105	110.8	103.3	143.3
77	125.2	73.7	113.7#



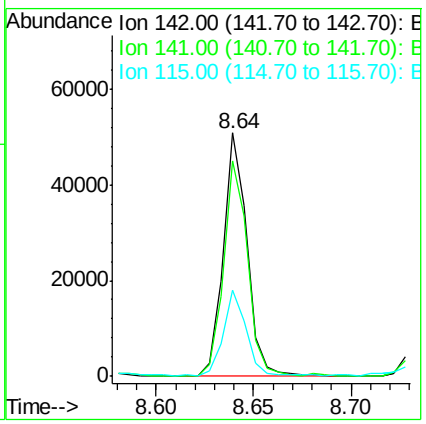


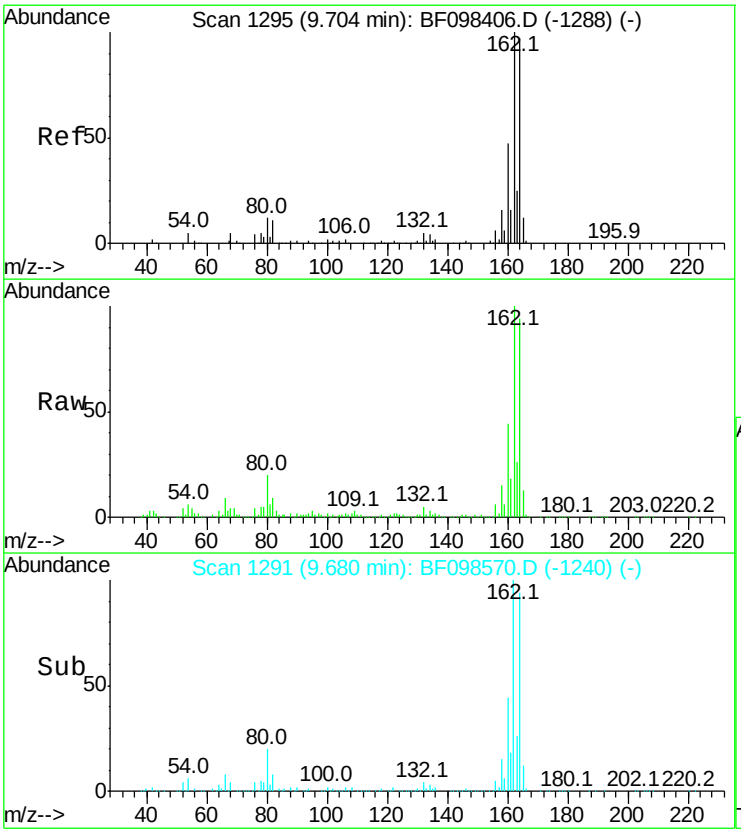
#37
2-Methylnaphthalene
Concen: 2.558 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:142 Resp: 42863

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	35.3	27.1	40.7

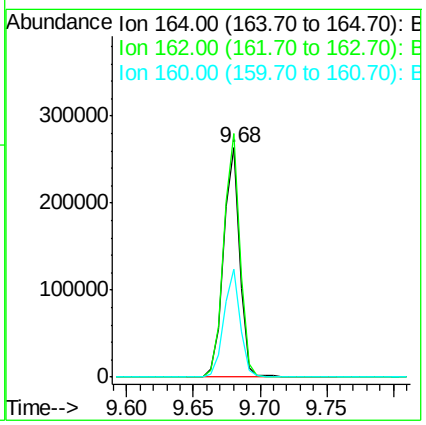


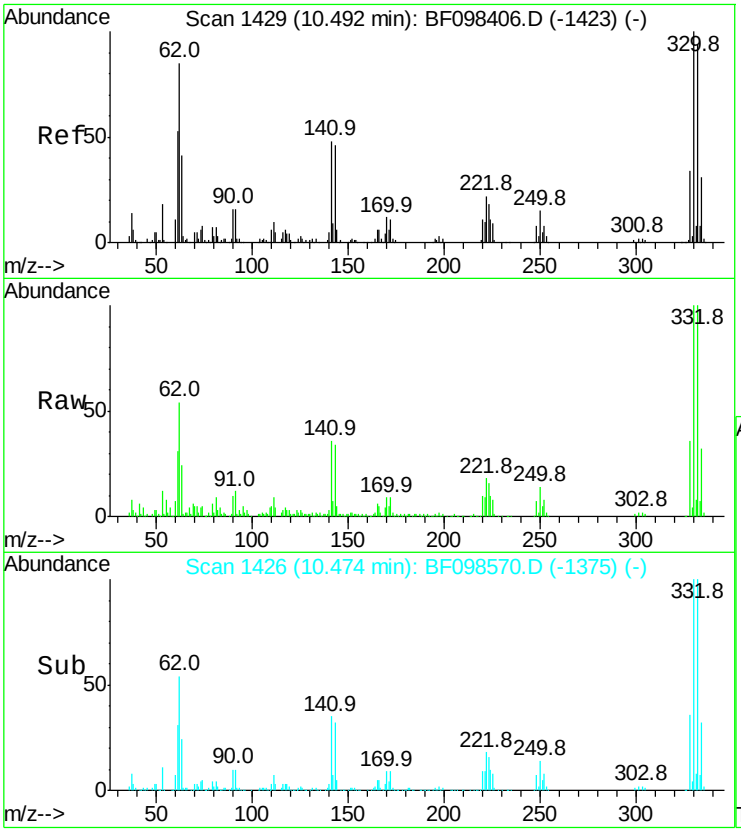


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:164 Resp: 226199

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	47.1	36.2	54.2



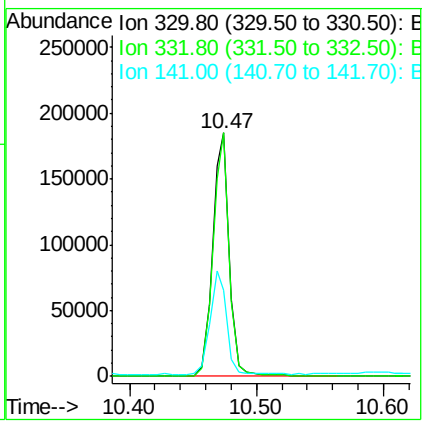


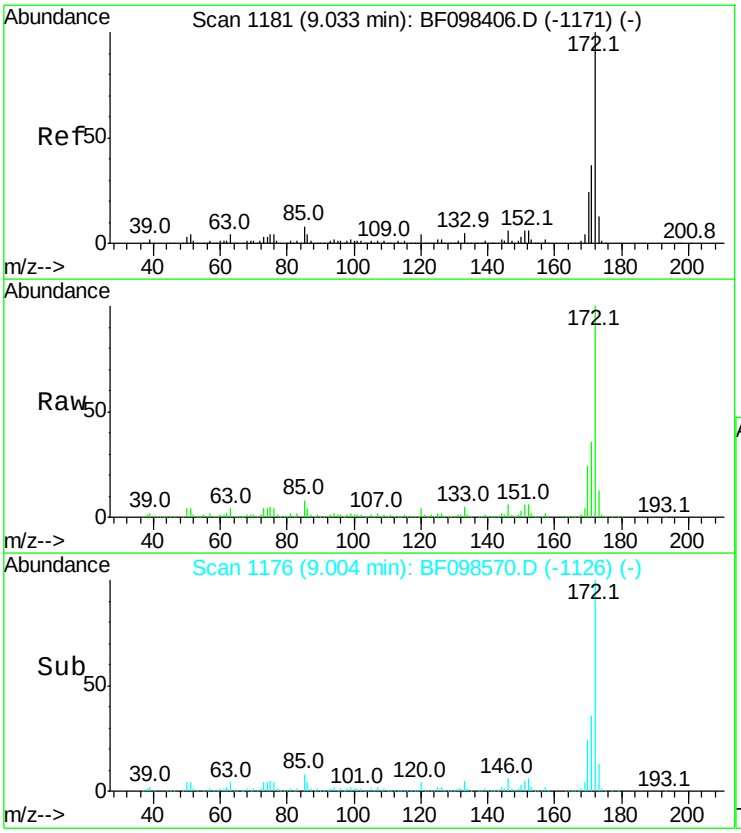
#41
2,4,6-Tribromophenol
Concen: 113.803 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:330 Resp: 171808

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	42.4	31.4	47.2

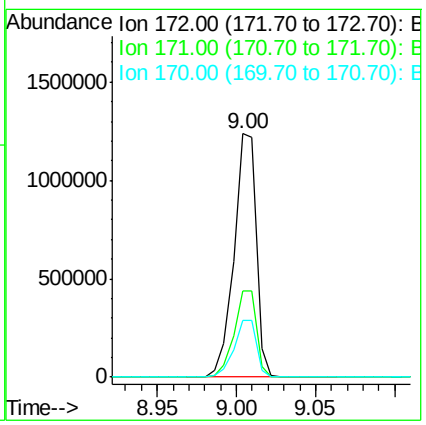


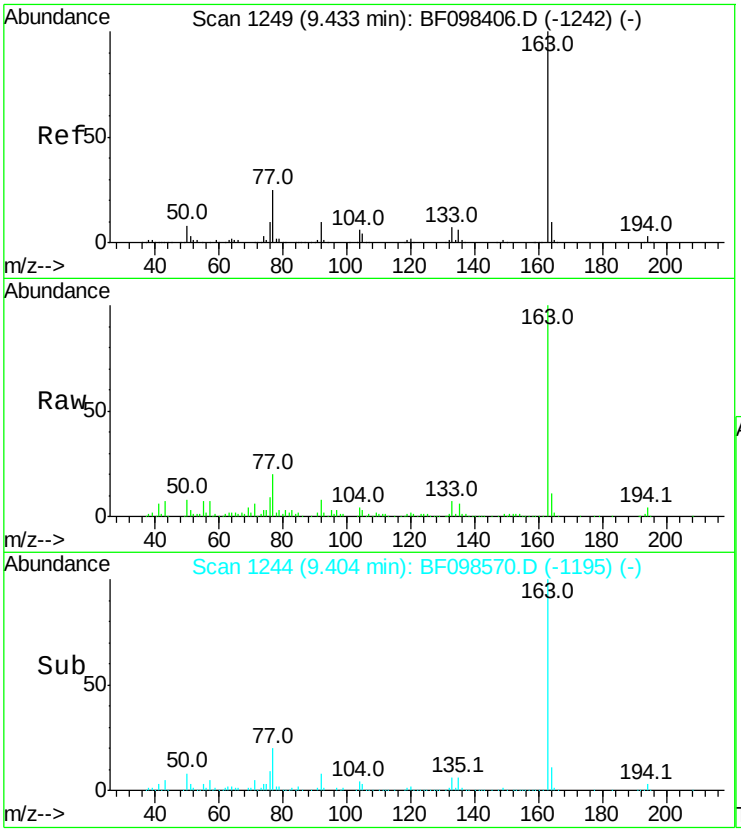


#44
2-Fluorobiphenyl
Concen: 90.499 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:172 Resp: 1207779

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8

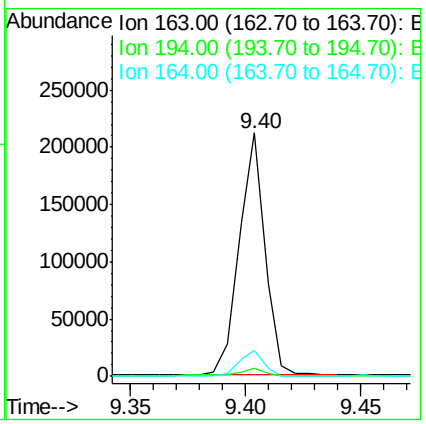




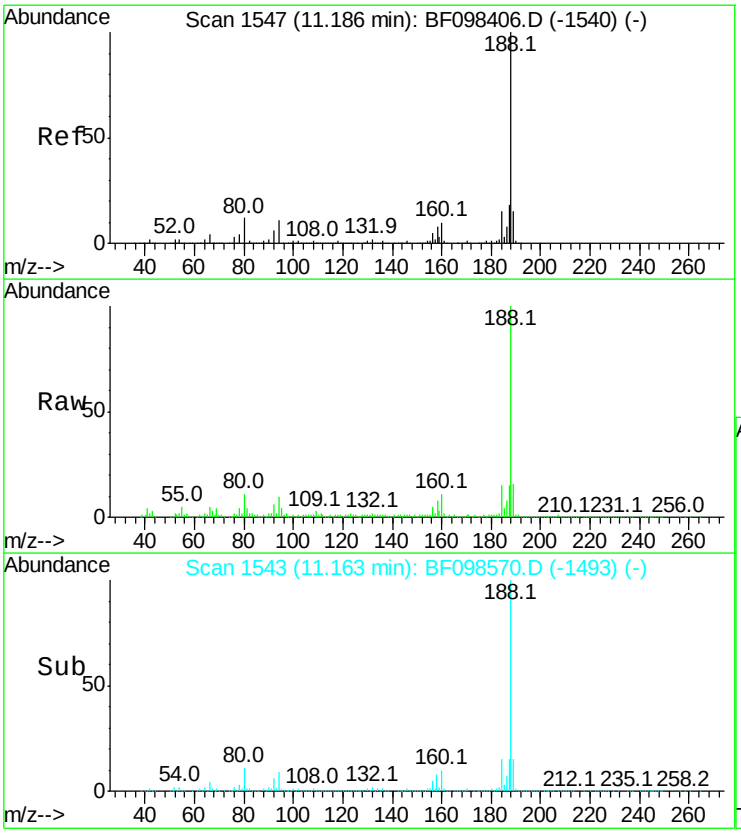
#49
Dimethylphthalate
Concen: 9.377 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:163 Resp: 164196

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.7	8.4	12.6



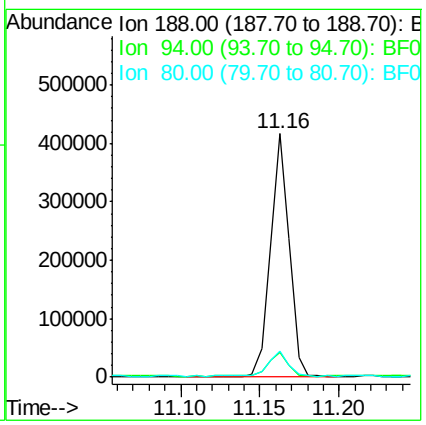
Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

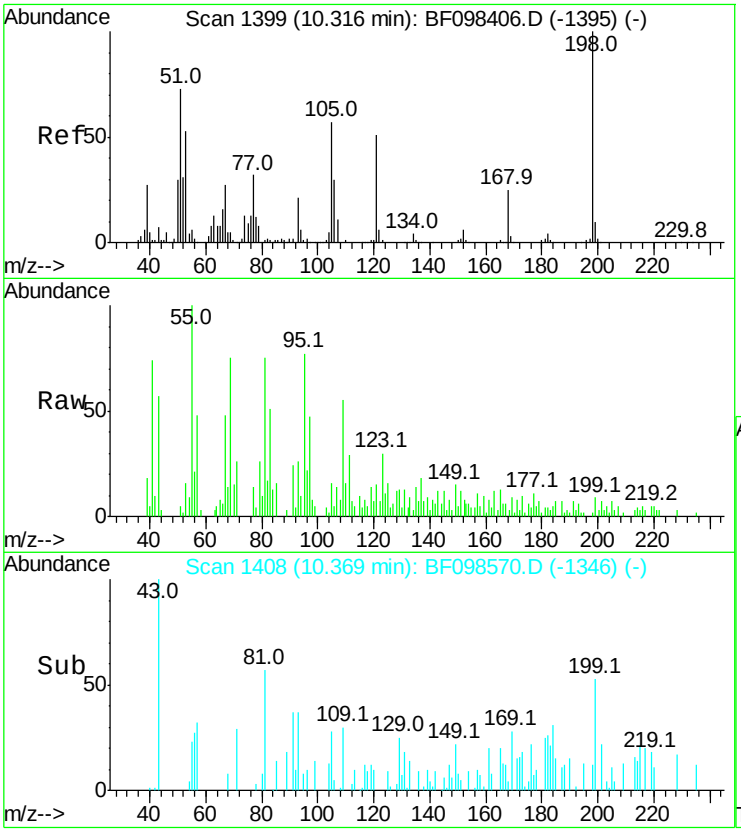


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:188 Resp: 347510

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.9	10.2	15.2



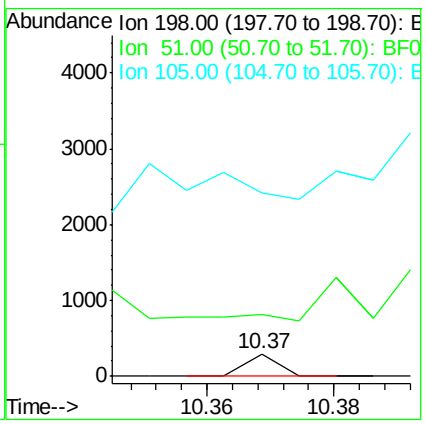


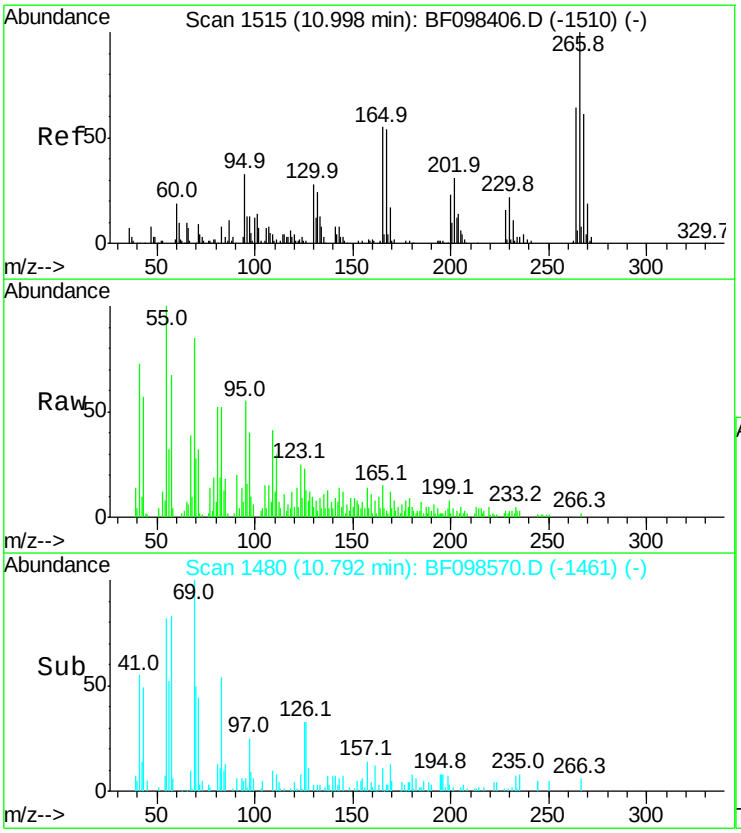
#64
4,6-Dinitro-2-methylphenol
Concen: 5.009 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.06 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:198 Resp: 106

Ion	Ratio	Lower	Upper
198	100		
51	273.1	53.2	93.2#
105	805.6	45.8	85.8#

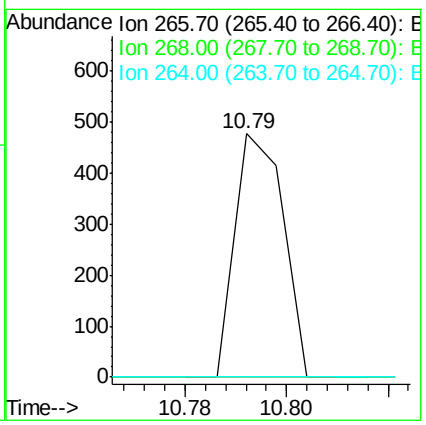


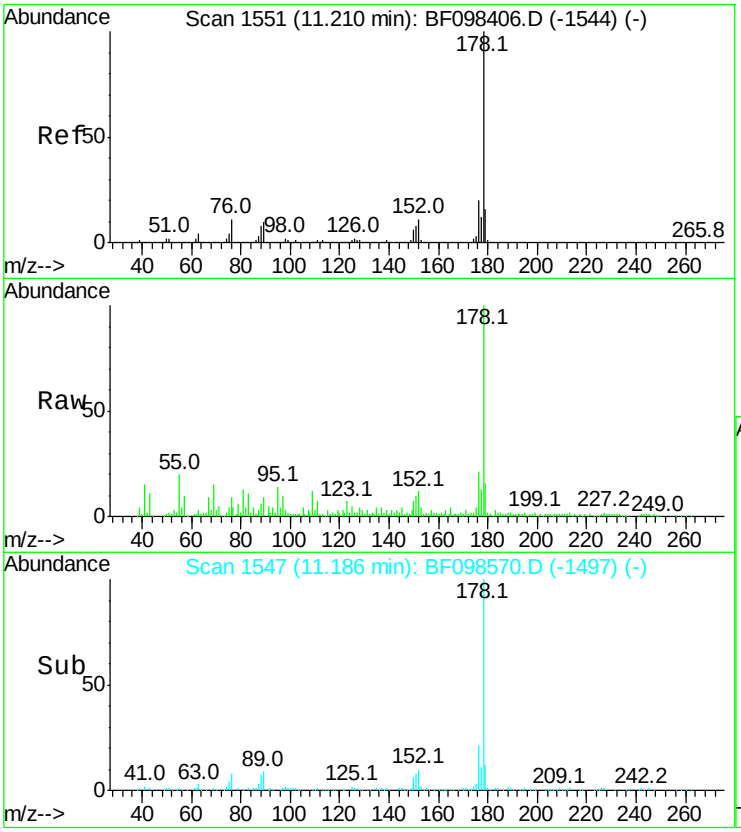


#69
Pentachlorophenol
Concen: 7.133 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.19 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:266 Resp: 315

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	51.7	77.5#



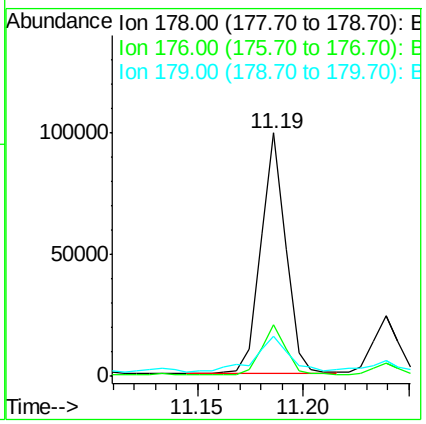


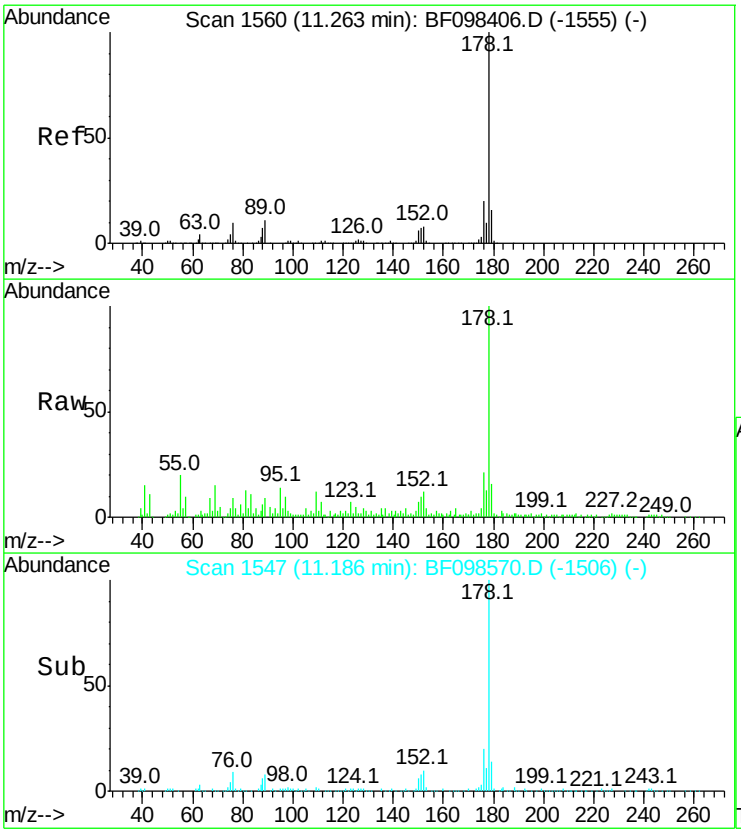
#70
Phenanthrene
Concen: 4.431 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:178 Resp: 81634

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.3	12.6	19.0

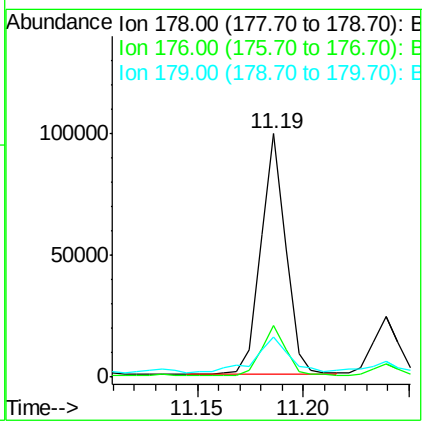


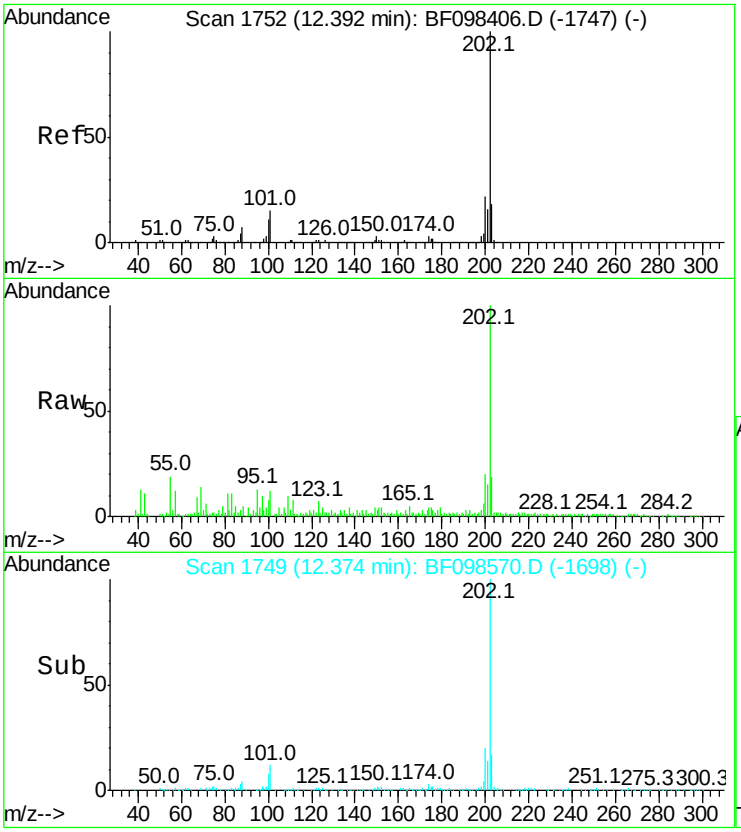


#71
Anthracene
Concen: 4.316 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.06 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:178 Resp: 81634

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	16.3	12.7	19.1



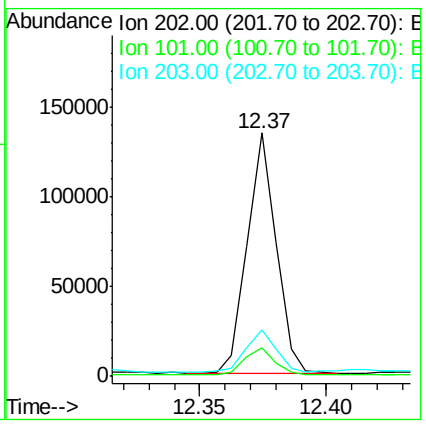


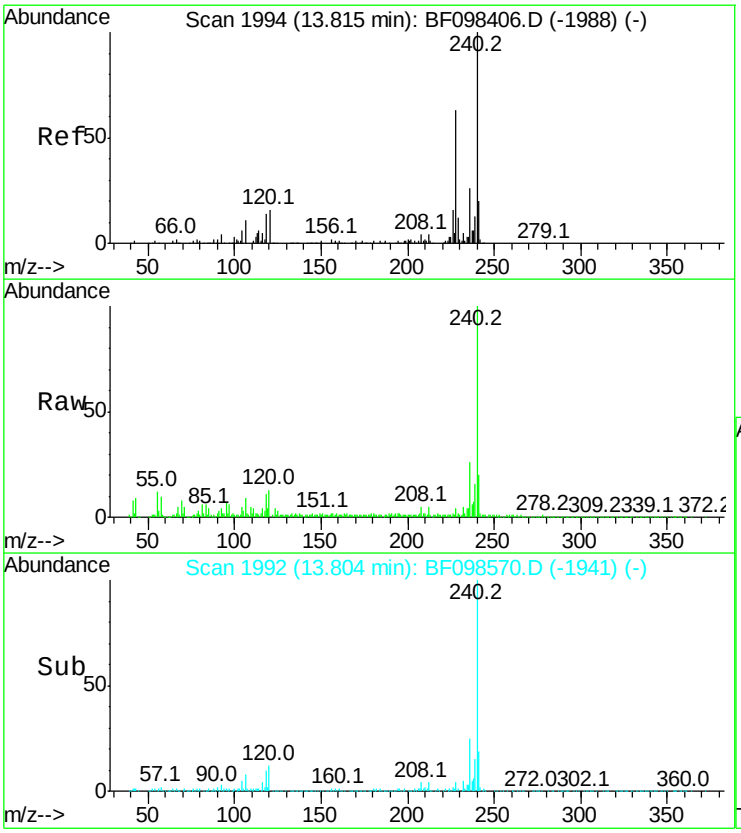
#74
Fluoranthene
Concen: 5.860 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:202 Resp: 108075

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	18.9	0.0	38.1

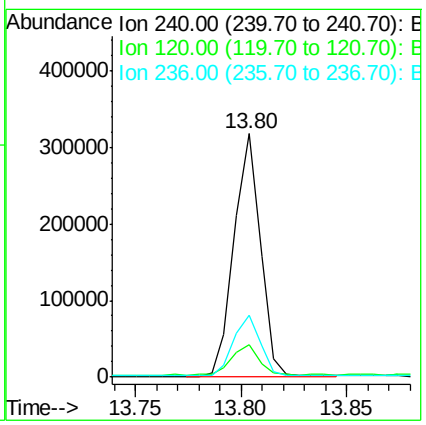


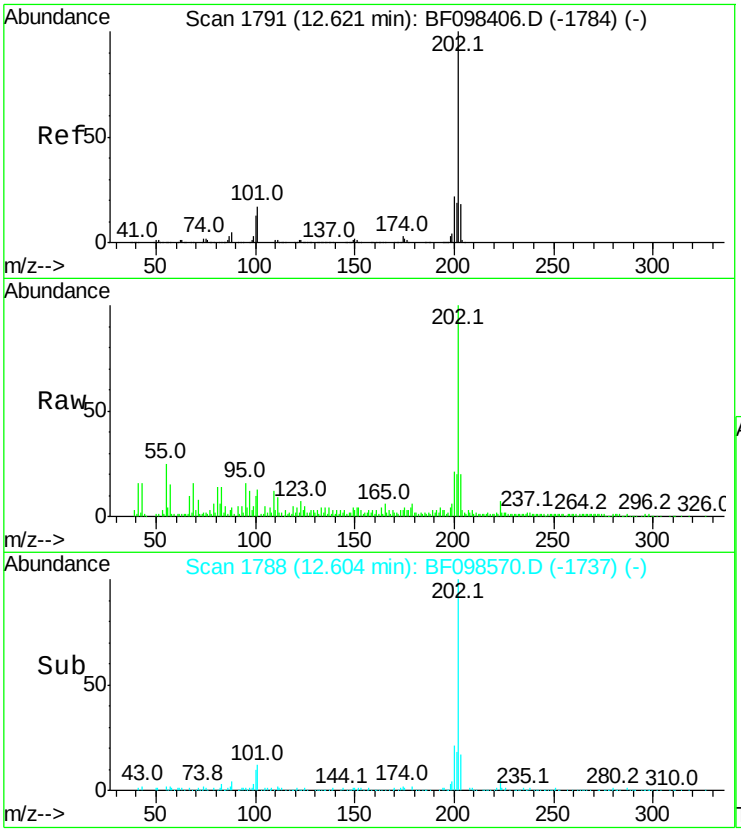


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:240 Resp: 273848

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.6	20.5	30.7



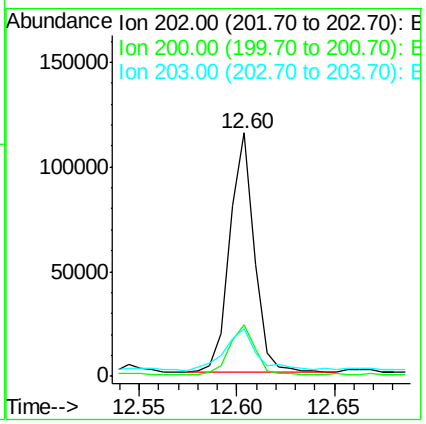


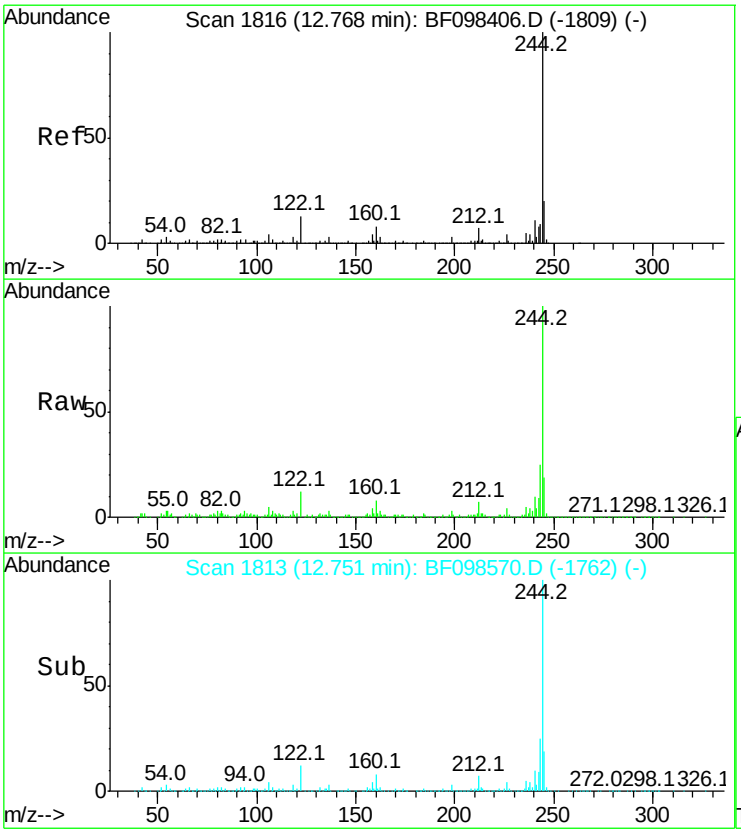
#77
Pyrene
Concen: 4.625 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:202 Resp: 99924

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	19.7	14.4	21.6

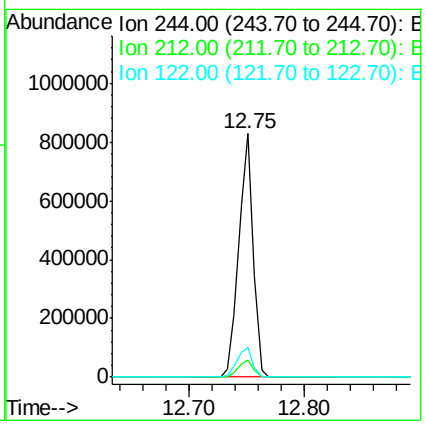


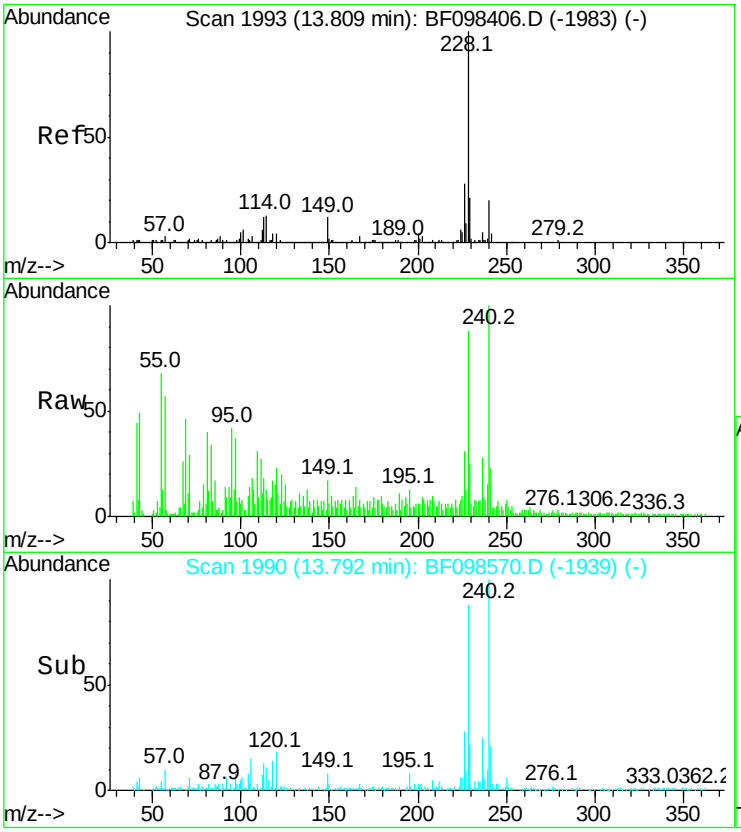


#78
Terphenyl-d14
Concen: 56.534 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:244 Resp: 717255

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.3	10.3	15.5



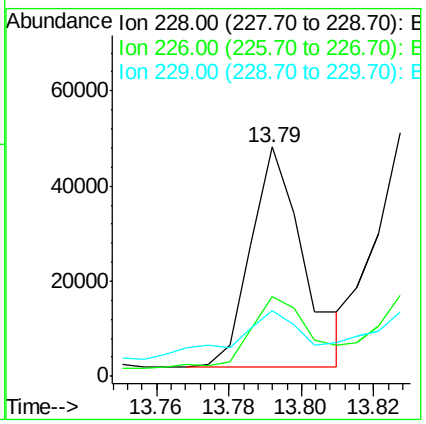


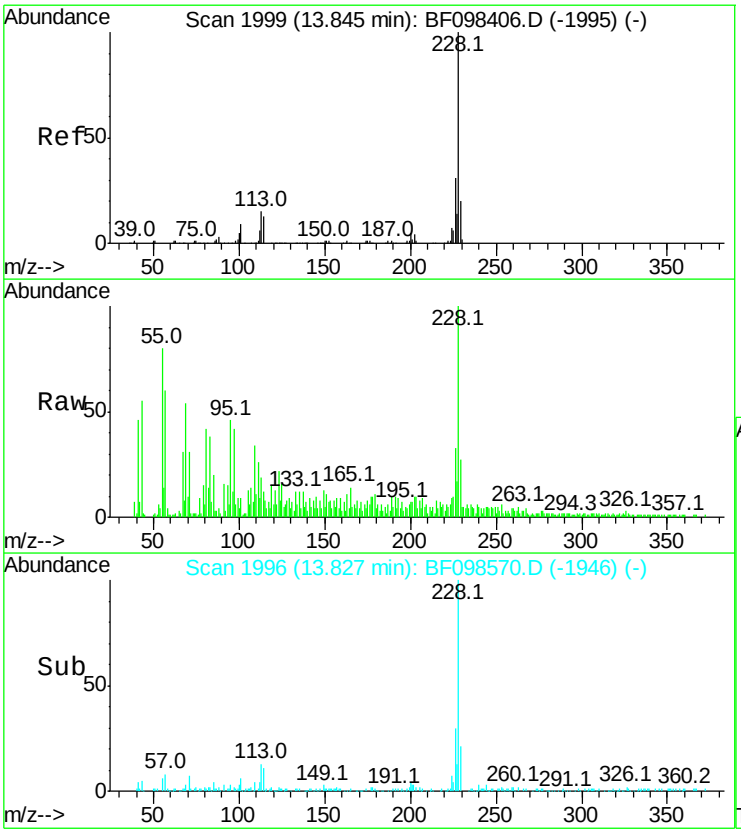
#80
Benzo(a)anthracene
Concen: 2.906 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:228 Resp: 46658

Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.6	33.8#
229	28.9	16.3	24.5#

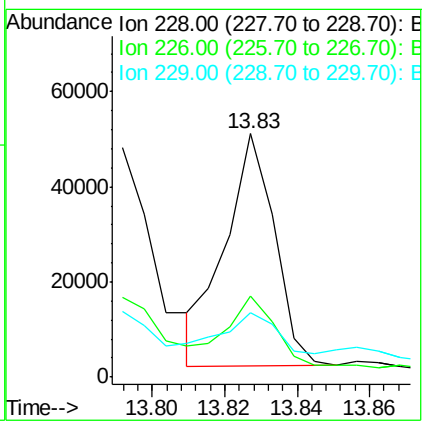


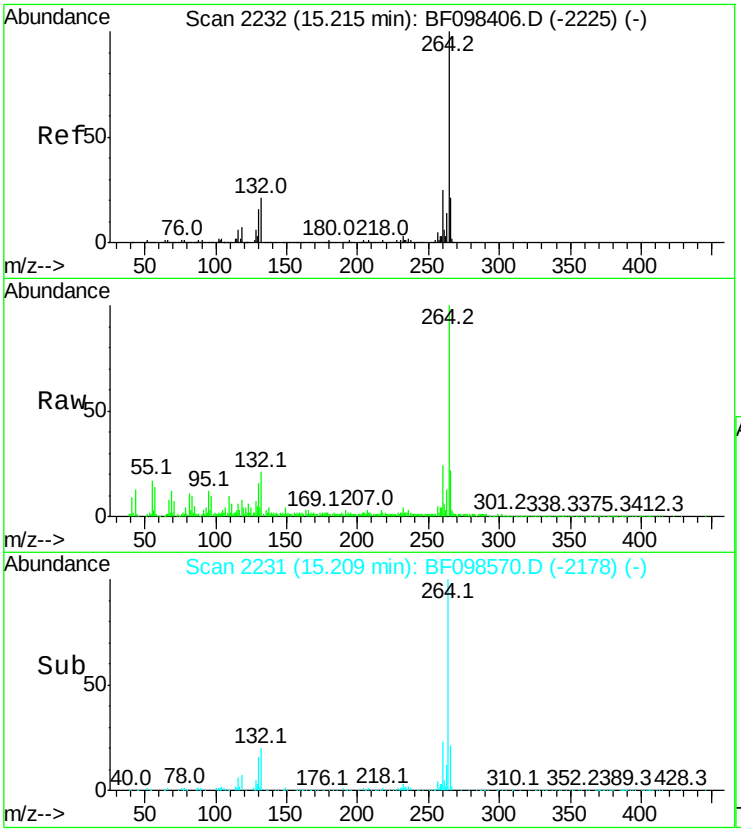


#82
Chrysene
Concen: 2.858 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:228 Resp: 46388

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.9	37.3
229	26.6	15.8	23.6#



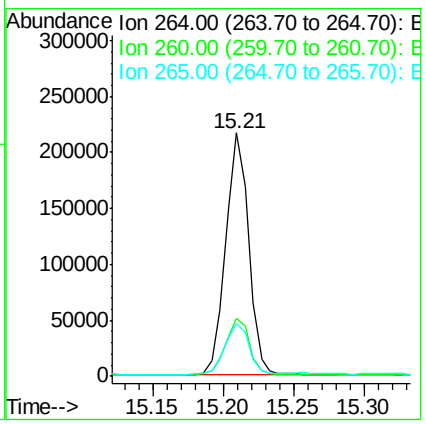


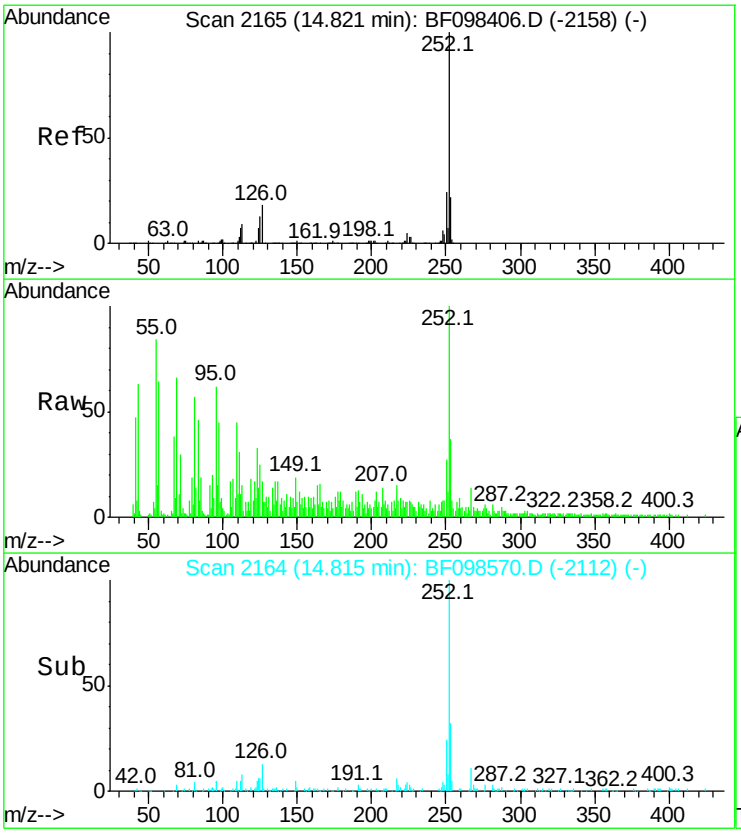
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:264 Resp: 245757

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8

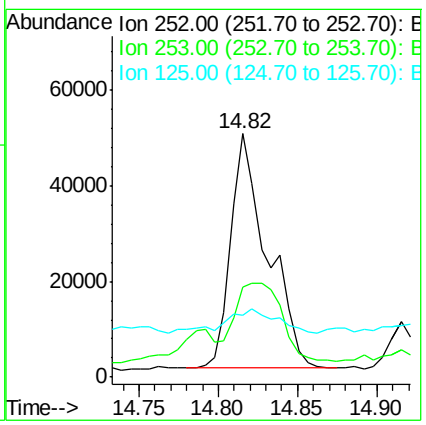


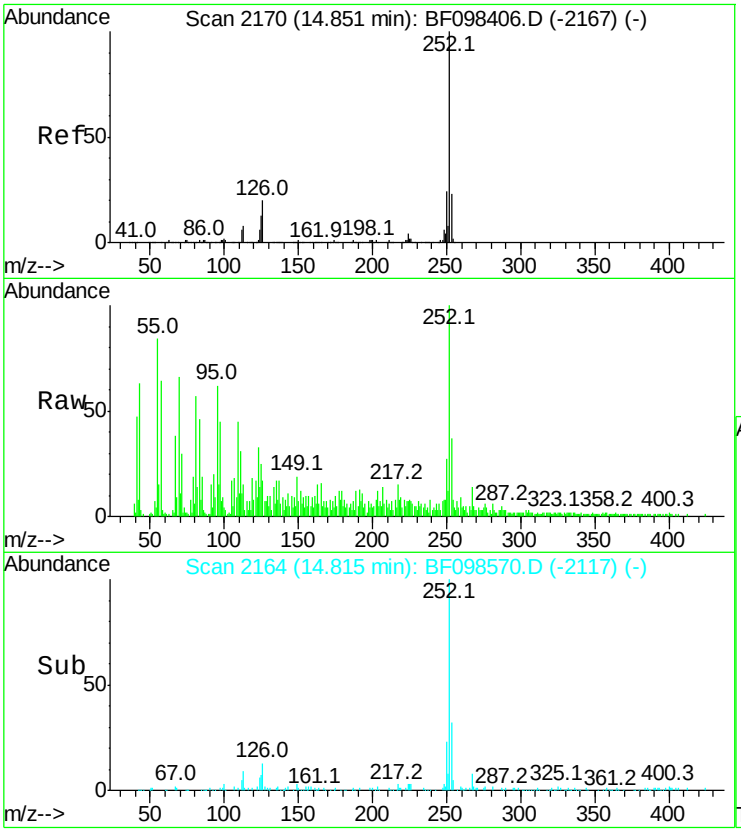


#87
Benzo(b)fluoranthene
Concen: 5.113 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:252 Resp: 79003

Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.1	27.1#
125	25.5	9.8	14.8#



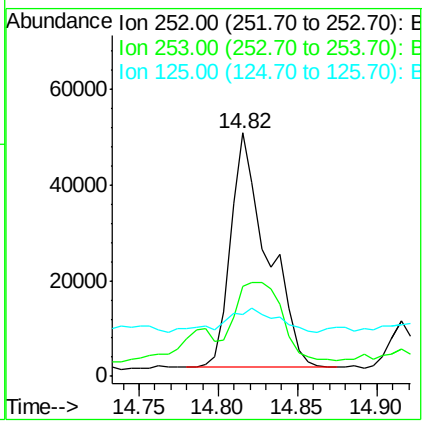


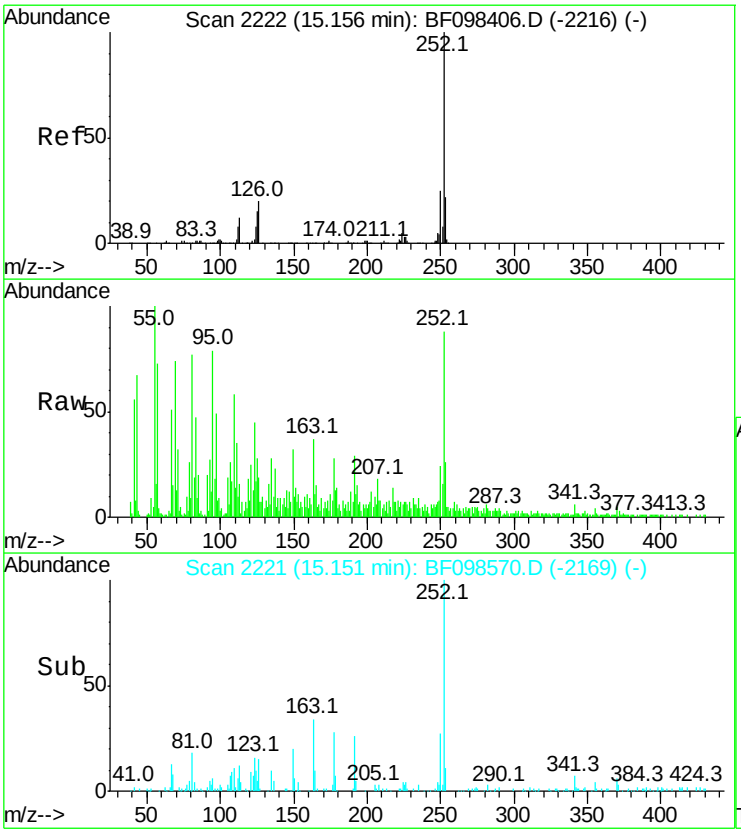
#88
Benzo(k)fluoranthene
Concen: 5.476 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Instrument :
BNA_F
ClientSampleId :
RL-6-11-22

Tgt Ion:252 Resp: 79003

Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.4	27.6#
125	25.5	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.958 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098570.D
Acq: 15 Sep 2017 15:33

Tgt Ion:252 Resp: 40724

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.5	26.3#
125	31.8	11.0	16.4#