Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098367.D
Acq On : 8 Sep 2017 22:58
Operator : SJ/JU
Sample : I5113-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-3-11.75-23.5

Quant Time: Sep 09 00:02:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	97242	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	342862	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	123993	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	207914	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	205670	20.00	ng		-0.02
86) Perylene-d12	15.25	264	145504	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	730100	114.20	ng		0.00
7) Phenol-d6	6.34	99	968023	111.44	ng		-0.01
23) Nitrobenzene-d5	7.25	82	548246	86.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	118946	110.56	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	770911	91.35	ng		-0.02
78) Terphenyl-d14	12.79	244	513215	52.04	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.35	94	43257	4.258	ng		89
17) 2-Methylphenol	7.11	107	103942	17.494	ng	#	70
20) 3+4-Methylphenols	7.11	107	103942	14.323	ng	#	59
25) Isophorone	7.25	82	547757	41.738	ng	#	67
31) Naphthalene	7.99	128	237954	13.368	ng		99
32) Benzoic acid	7.77	122	4292	7.337	ng	#	50
33) 4-Chloroaniline	7.99	127	31080	4.140	ng	#	38
37) 2-Methylnaphthalene	8.68	142	78461	7.190	ng		99
48) Acenaphthylene	9.58	152	41940	3.197	ng		97
49) Dimethylphthalate	9.44	163	99969	11.030	ng		99
57) Fluorene	10.26	166	24651	2.875	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	132	8.432	ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	7295	3.379	ng	#	1
70) Phenanthrene	11.22	178	132033	11.917	ng		98
71) Anthracene	11.27	178	38198	3.399	ng		97
74) Fluoranthene	12.41	202	143773	12.433	ng		97
77) Pyrene	12.64	202	136763	8.130	ng		97
80) Benzo(a)anthracene	13.83	228	62609	5.079	ng		93
82) Chrysene	13.83	228	62609	5.106	ng		95
87) Benzo(b)fluoranthene	14.85	252	71528	7.799	ng	#	80
88) Benzo(k)fluoranthene	14.85	252	71528	8.301	ng	#	83
89) Benzo(a)pyrene	15.19	252	34893	4.298	ng	#	75
91) Benzo(g,h,i)perylene	17.02	276	17458	2.531	ng	#	92

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

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
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Instrument :
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RL-3-11.75-23.5

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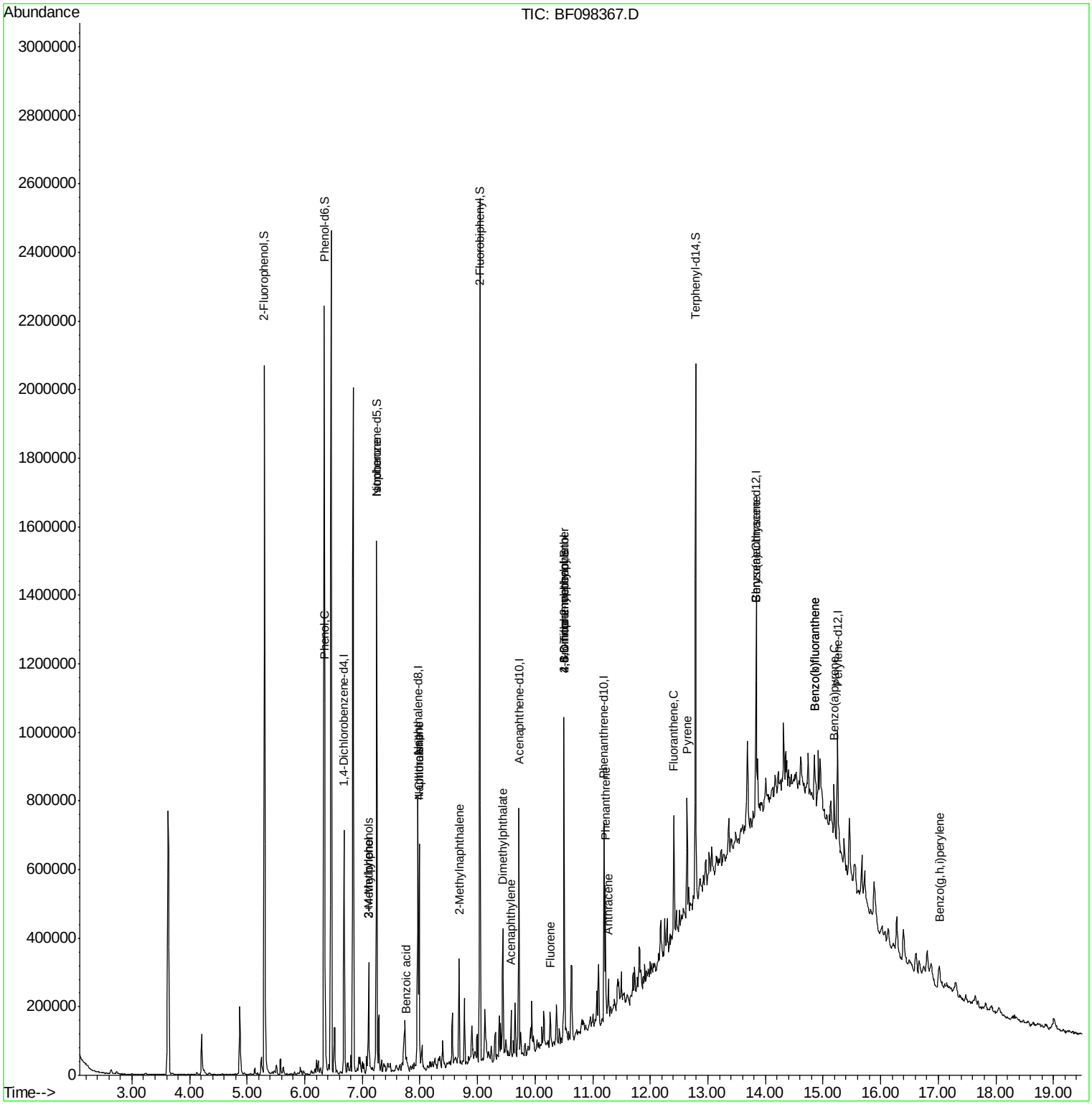
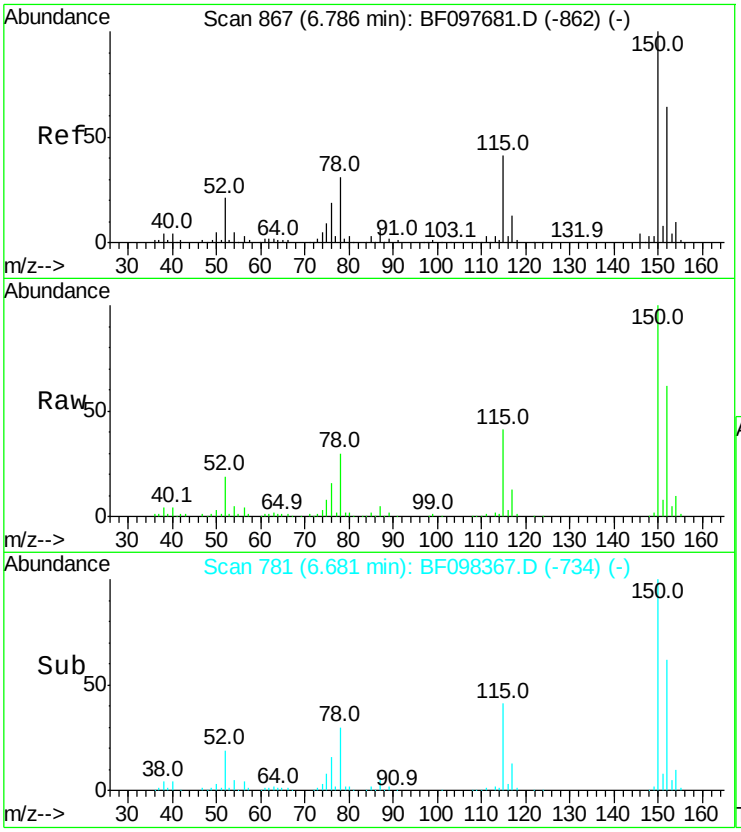


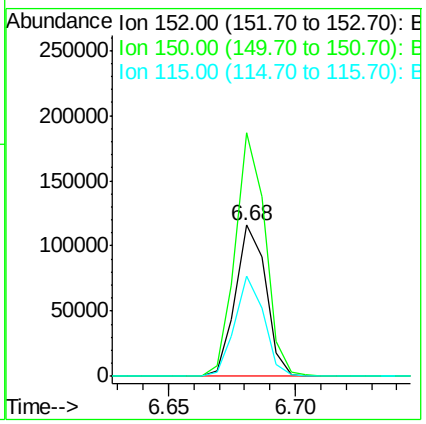


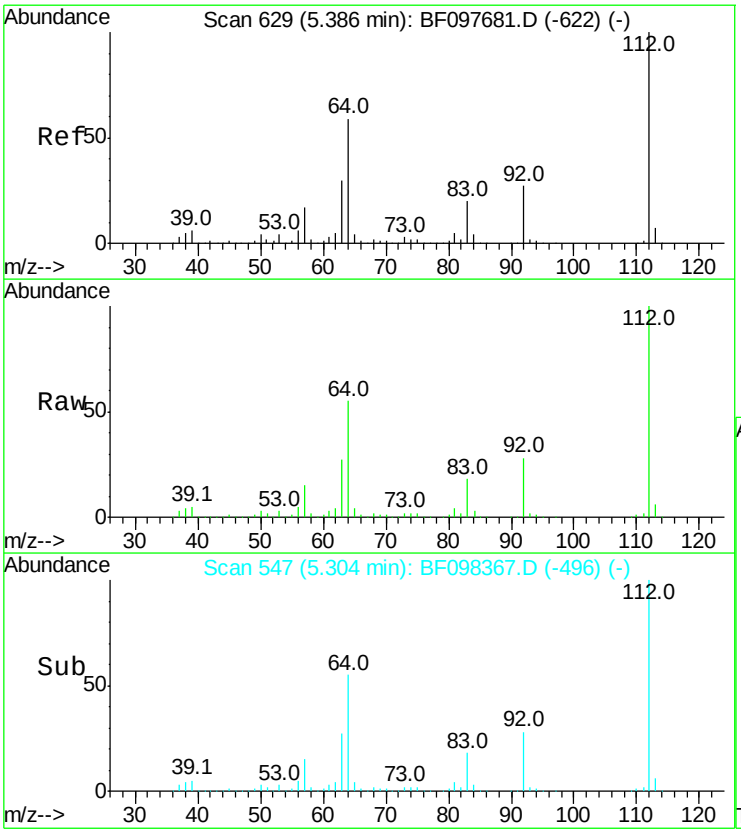
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:152 Resp: 97242

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	66.2	52.2	78.2

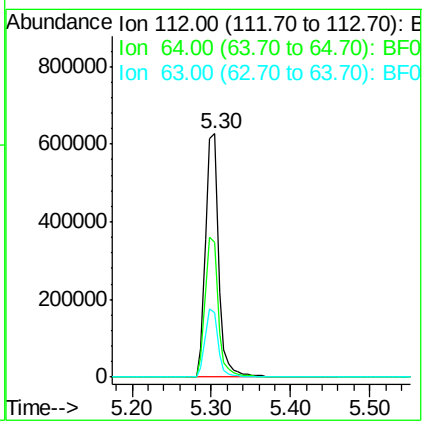


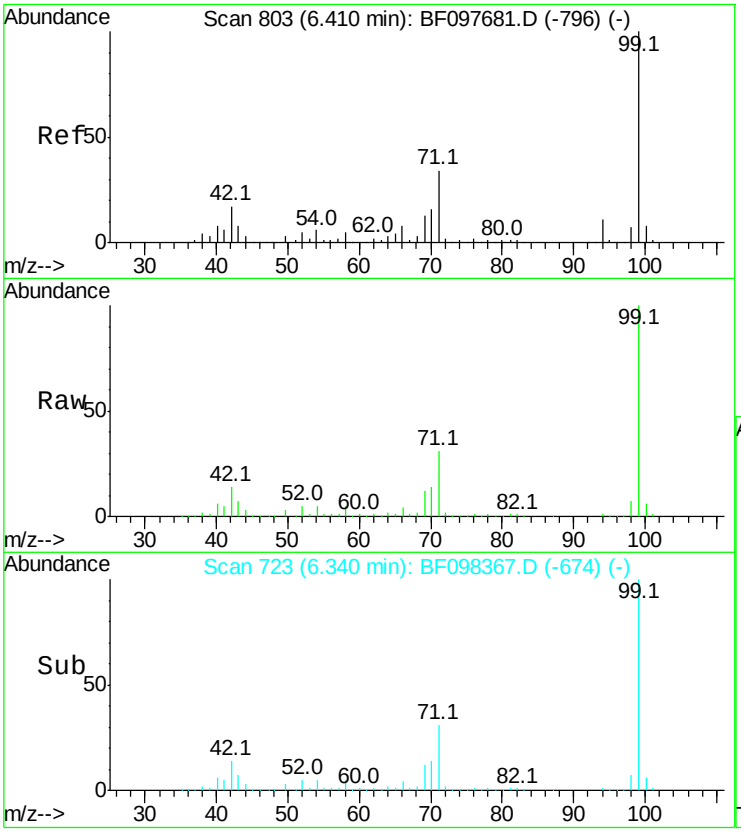


#5
2-Fluorophenol
Concen: 114.203 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:112 Resp: 730100

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	26.6	23.4	35.0



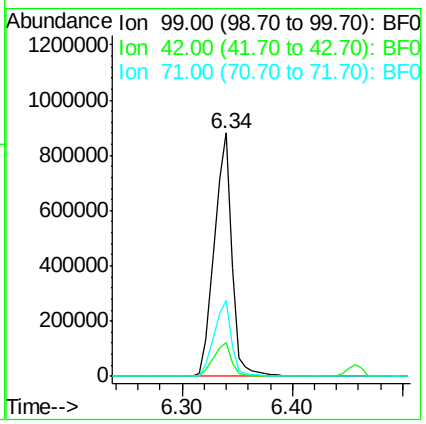


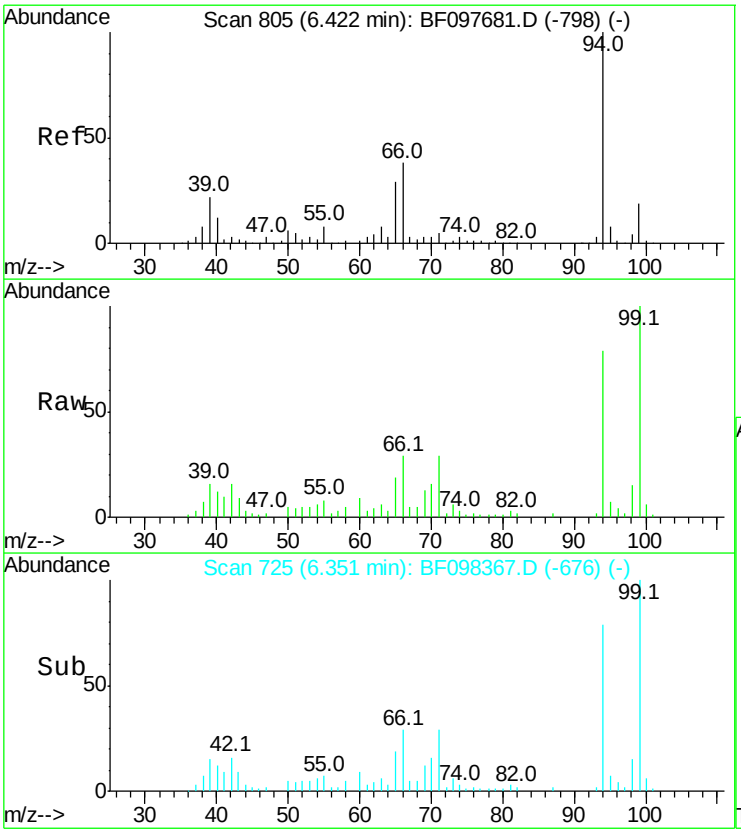
#7
Phenol-d6
Concen: 111.443 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion: 99 Resp: 968023

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	31.0	24.5	36.7

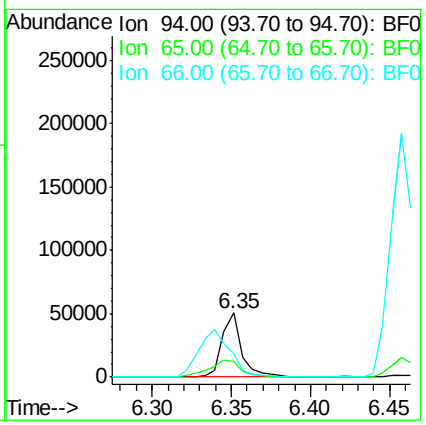


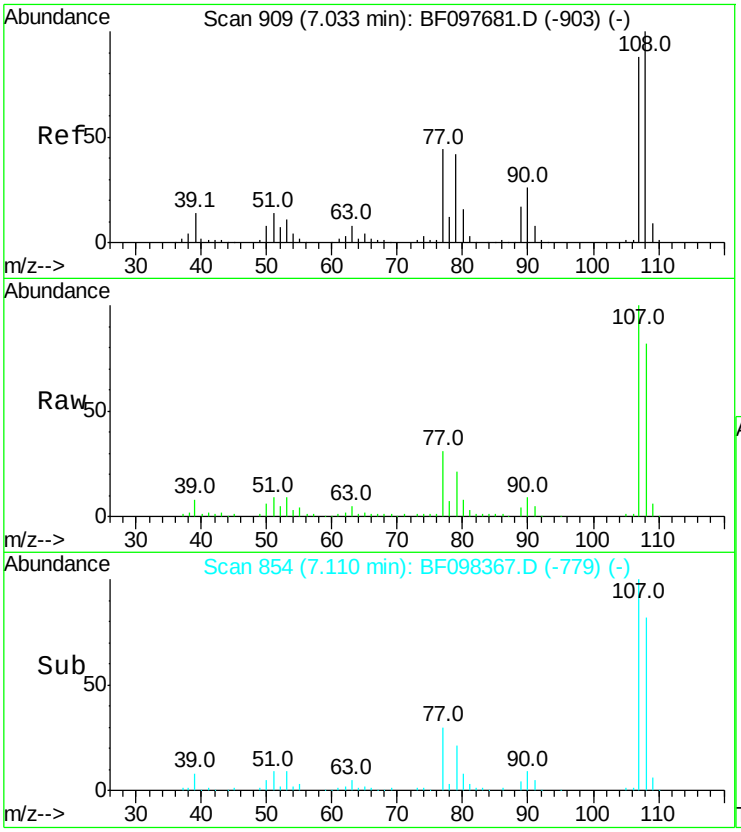


#10
Phenol
Concen: 4.258 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion: 94 Resp: 43257

Ion	Ratio	Lower	Upper
94	100		
65	24.1	9.9	49.9
66	36.3	23.1	63.1



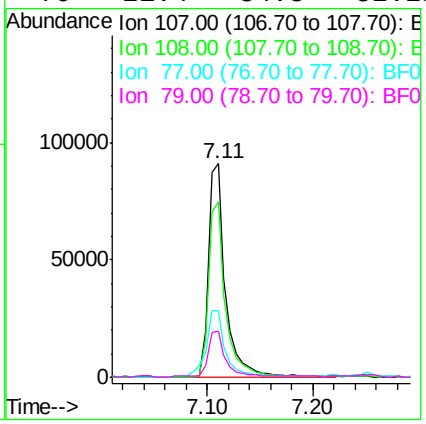


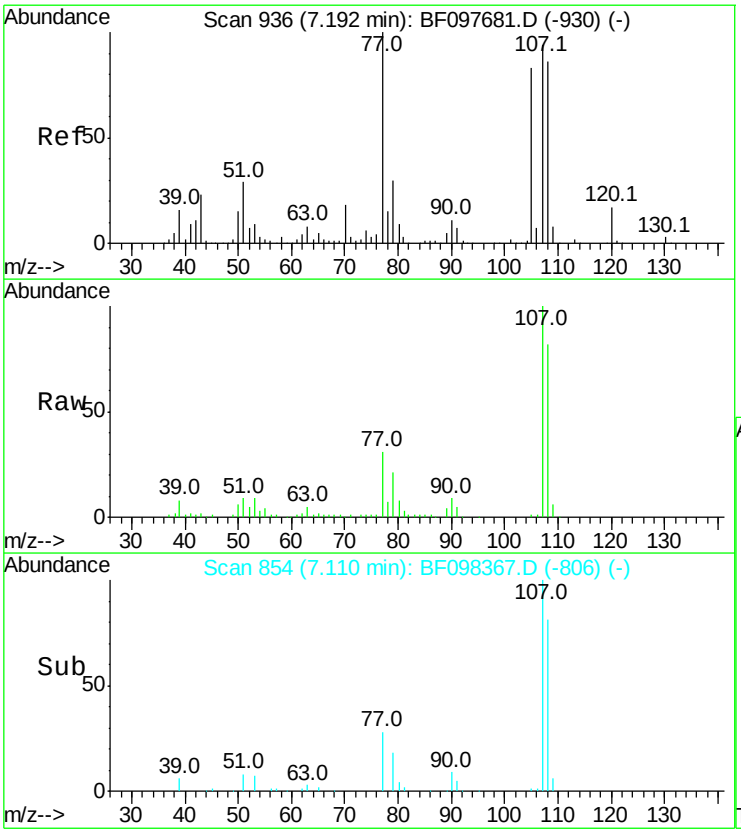
#17
2-Methylphenol
Concen: 17.494 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.14 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:107 Resp: 103942

Ion	Ratio	Lower	Upper
107	100		
108	82.2	93.4	140.0#
77	31.1	35.8	53.6#
79	21.4	34.8	52.2#

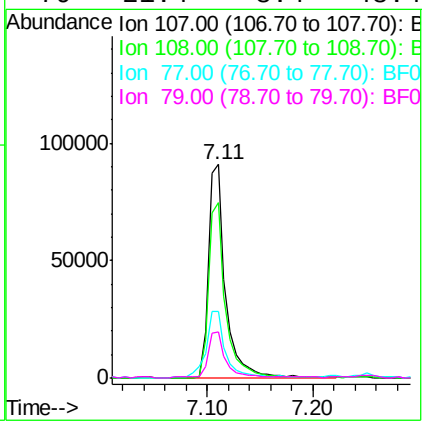


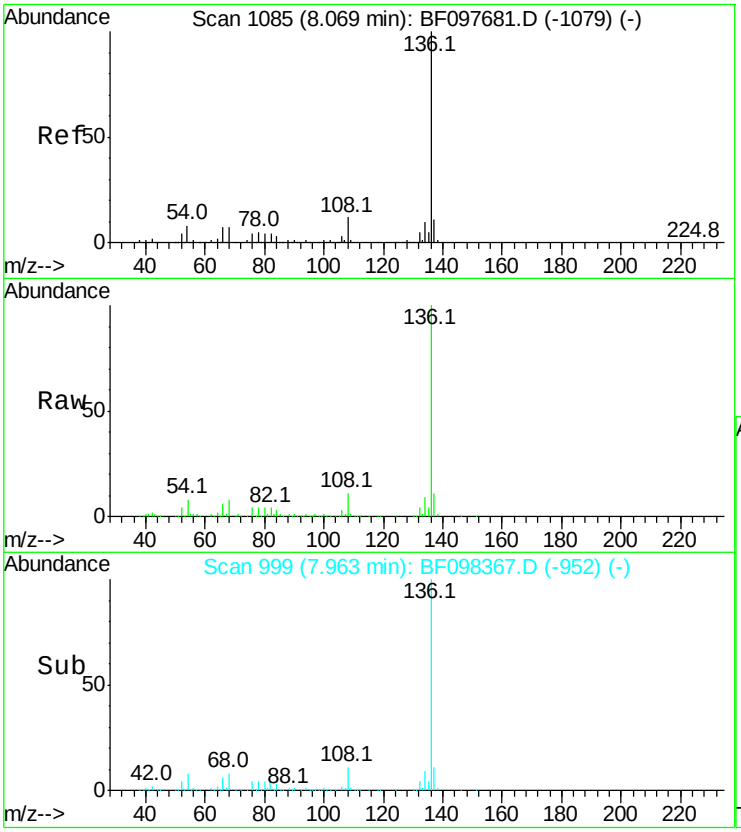


#20
3+4-Methylphenols
Concen: 14.323 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:107 Resp: 103942

Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.0	111.0
77	31.1	90.5	130.5#
79	21.4	8.4	48.4



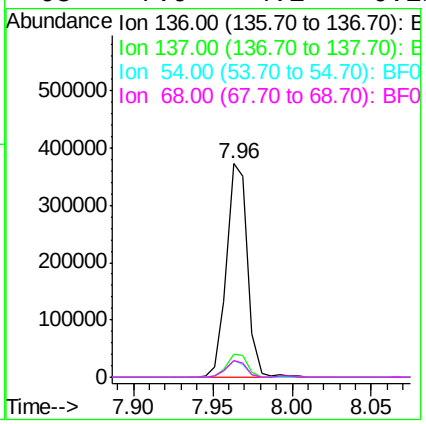


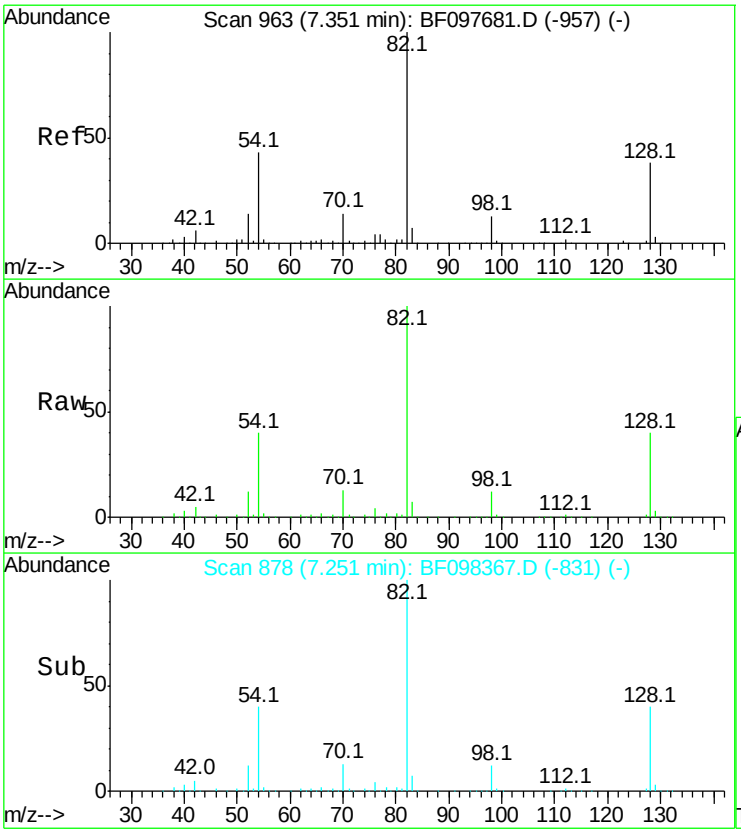
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:136 Resp: 342862

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	7.9	4.1	6.1#

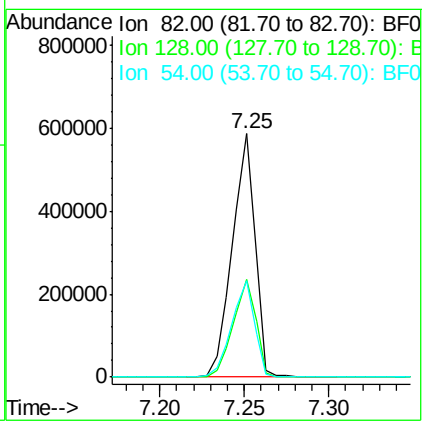


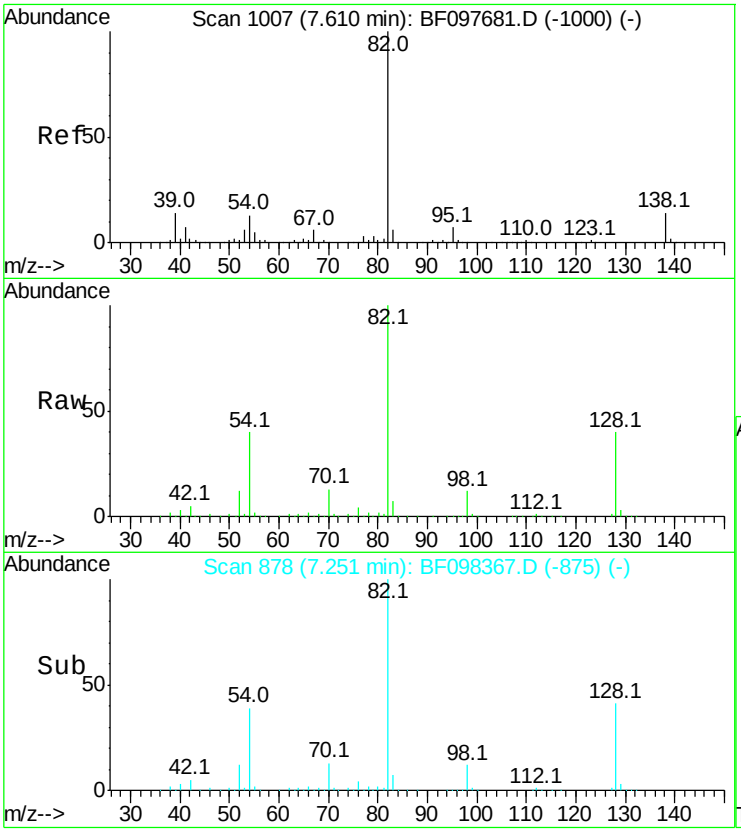


#23
Nitrobenzene-d5
Concen: 86.867 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion: 82 Resp: 548246

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	39.8	42.2	63.2#



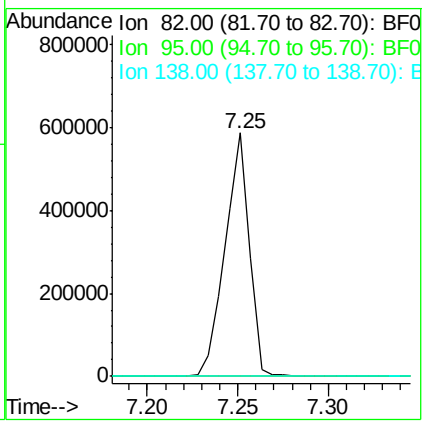


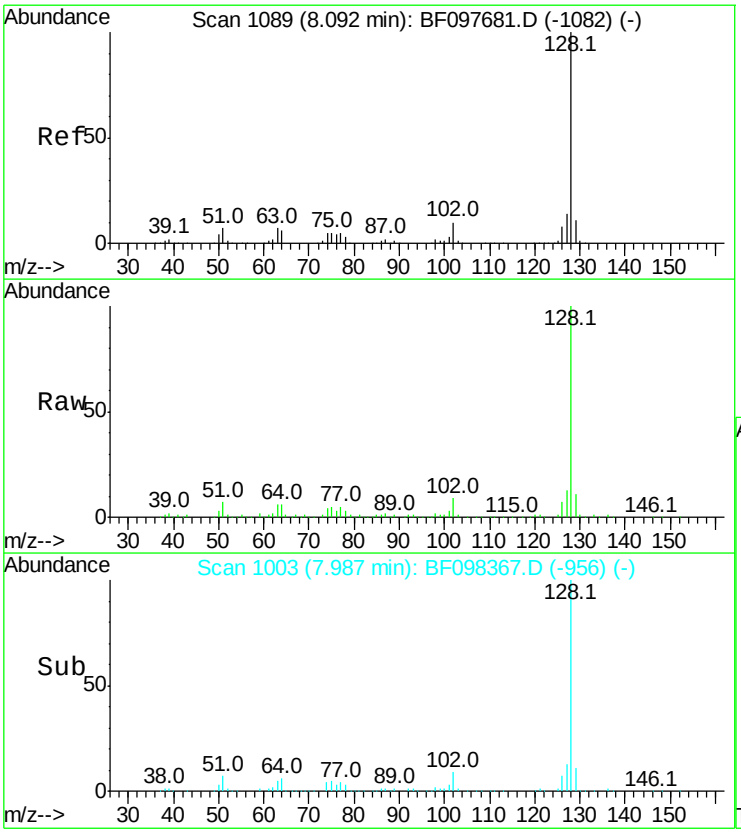
#25
Isophorone
Concen: 41.738 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion: 82 Resp: 547757

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

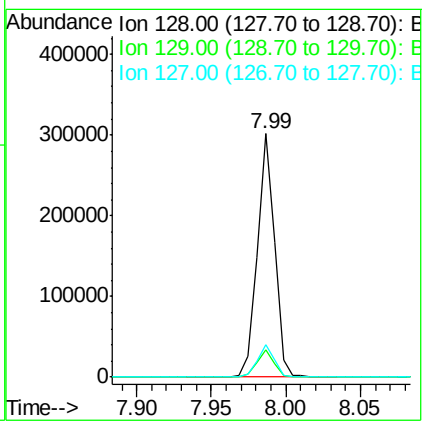


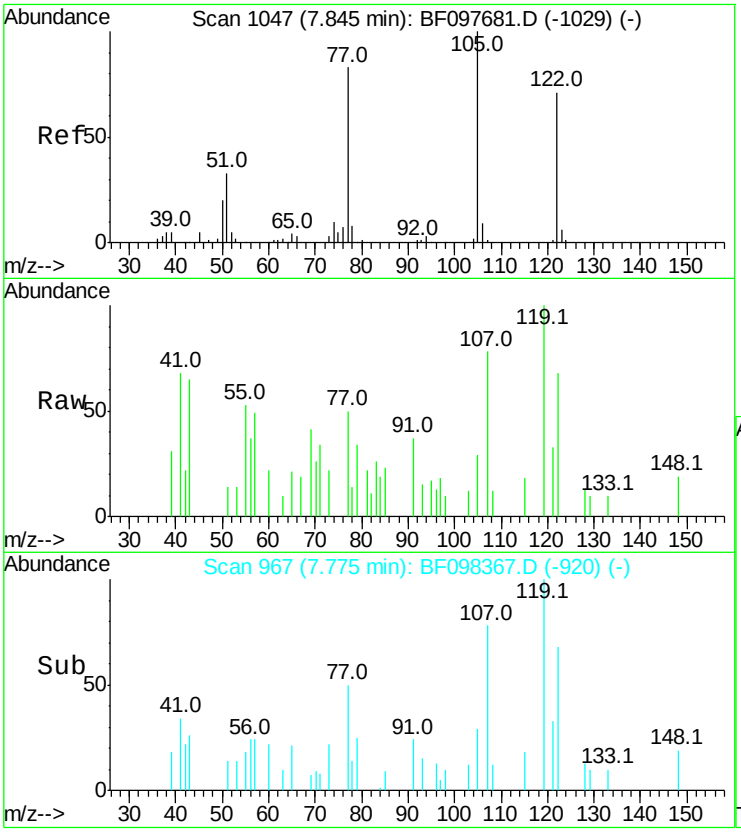


#31
Naphthalene
Concen: 13.368 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:128 Resp: 237954

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.1	10.8	16.2



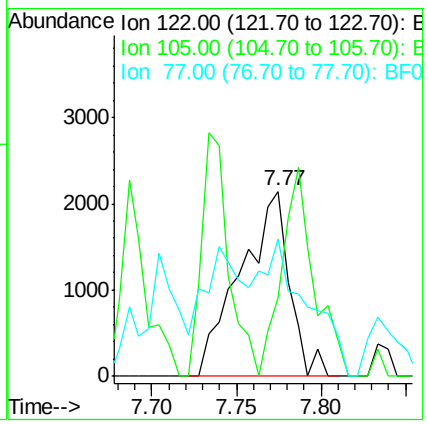


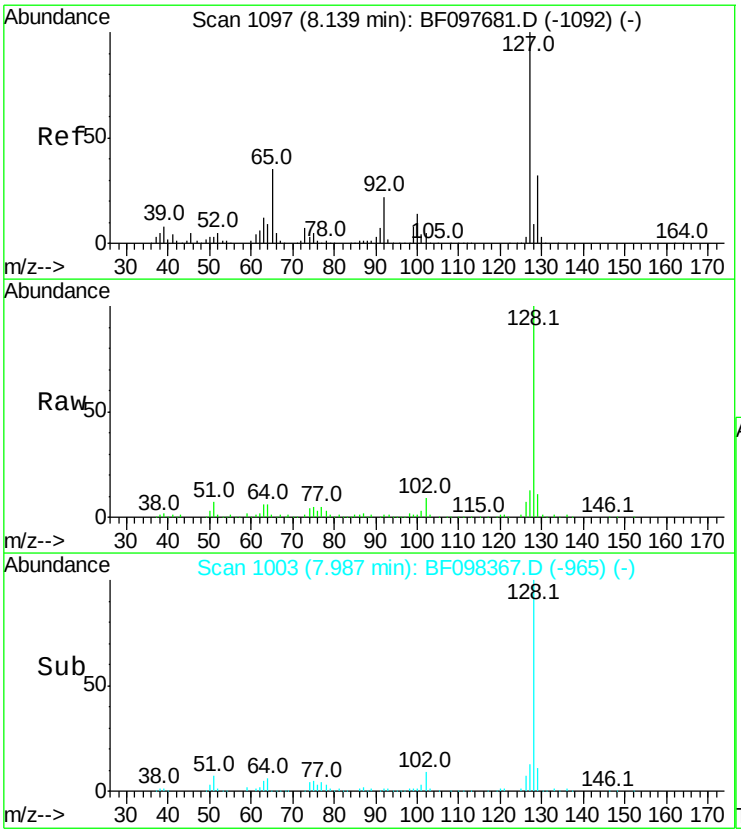
#32
Benzoic acid
Concen: 7.337 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:122 Resp: 4292

Ion	Ratio	Lower	Upper
122	100		
105	42.2	103.3	143.3#
77	74.2	73.7	113.7

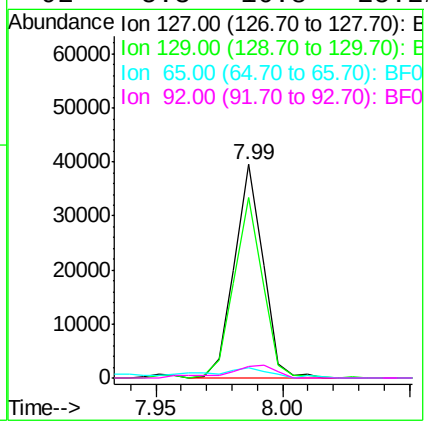


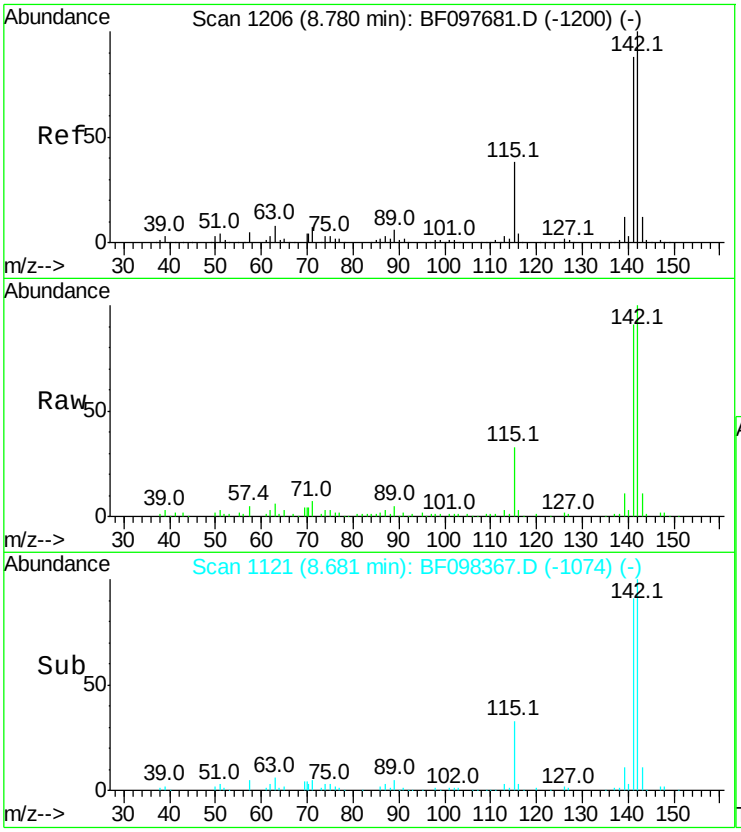


#33
4-Chloroaniline
Concen: 4.140 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.08 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:127 Resp: 31080

Ion	Ratio	Lower	Upper
127	100		
129	84.6	26.2	39.2#
65	4.7	27.8	41.8#
92	5.3	16.8	25.2#



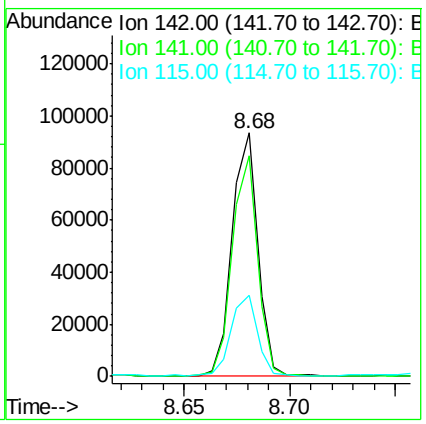


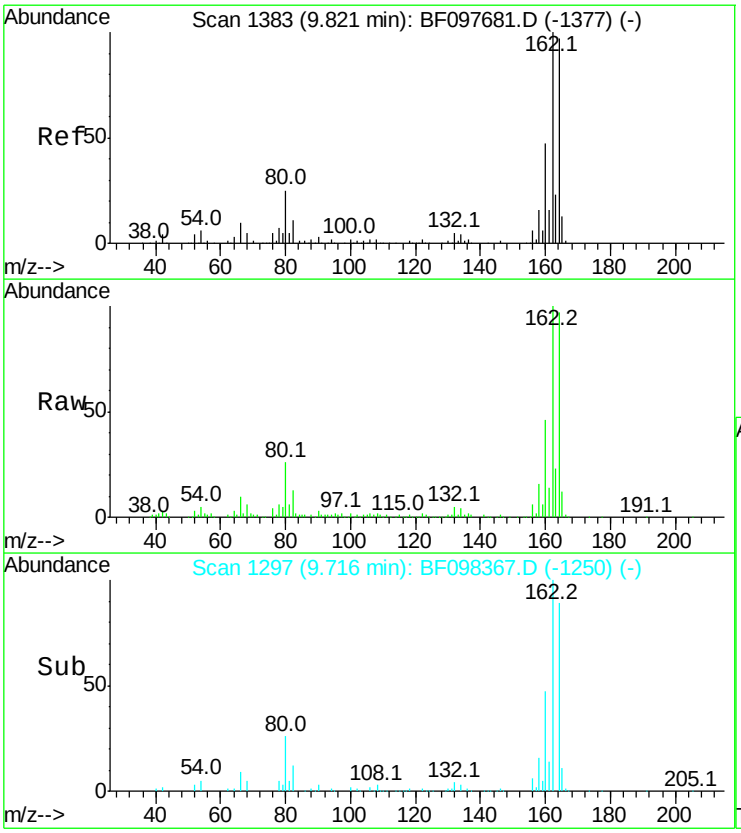
#37
2-Methylnaphthalene
Concen: 7.190 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:142 Resp: 78461

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	33.2	27.1	40.7

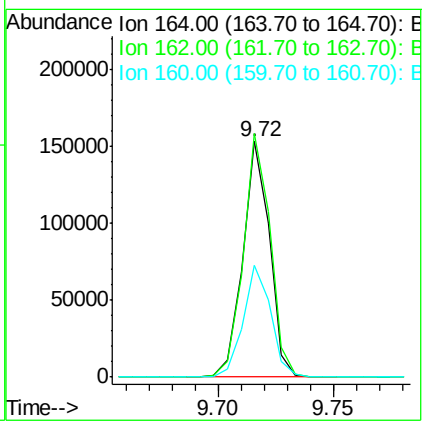


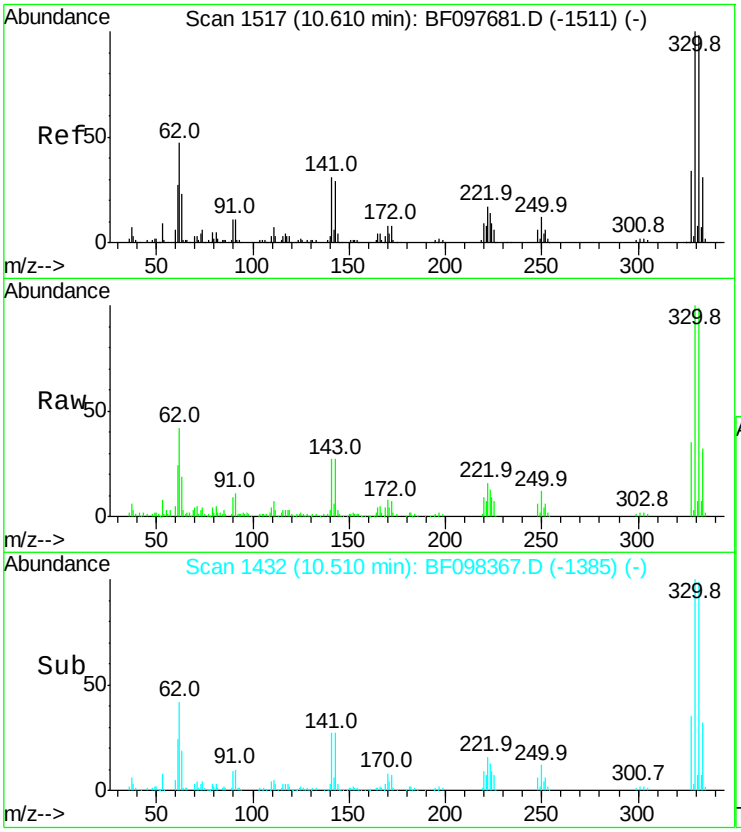


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:164 Resp: 123993

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	47.7	36.2	54.2



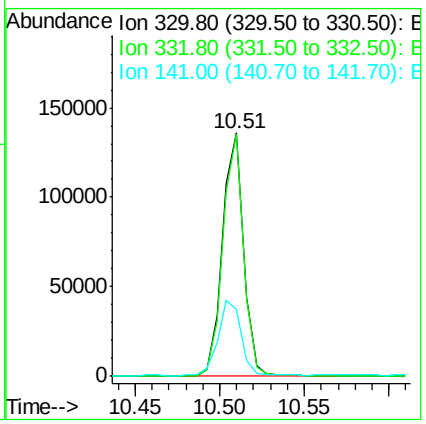


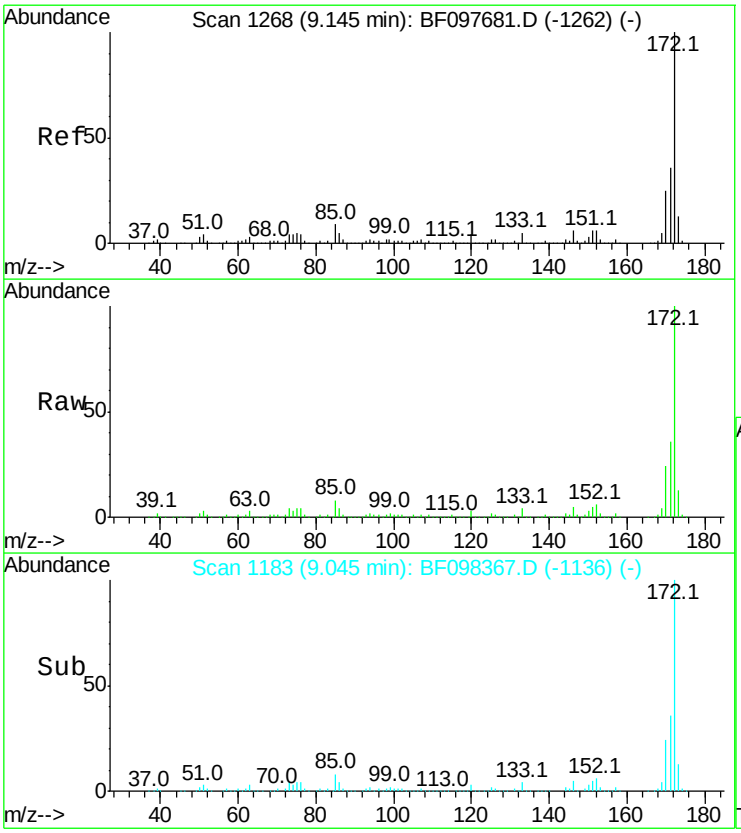
#41
2,4,6-Tribromophenol
Concen: 110.561 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:330 Resp: 118946

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	34.0	31.4	47.2

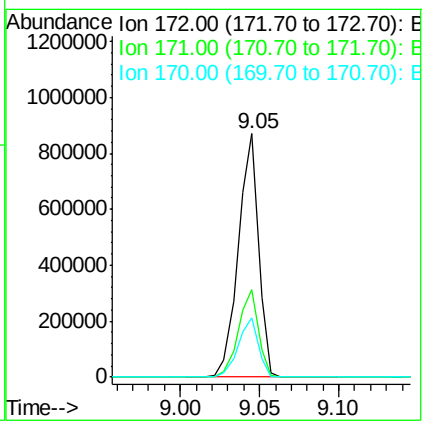


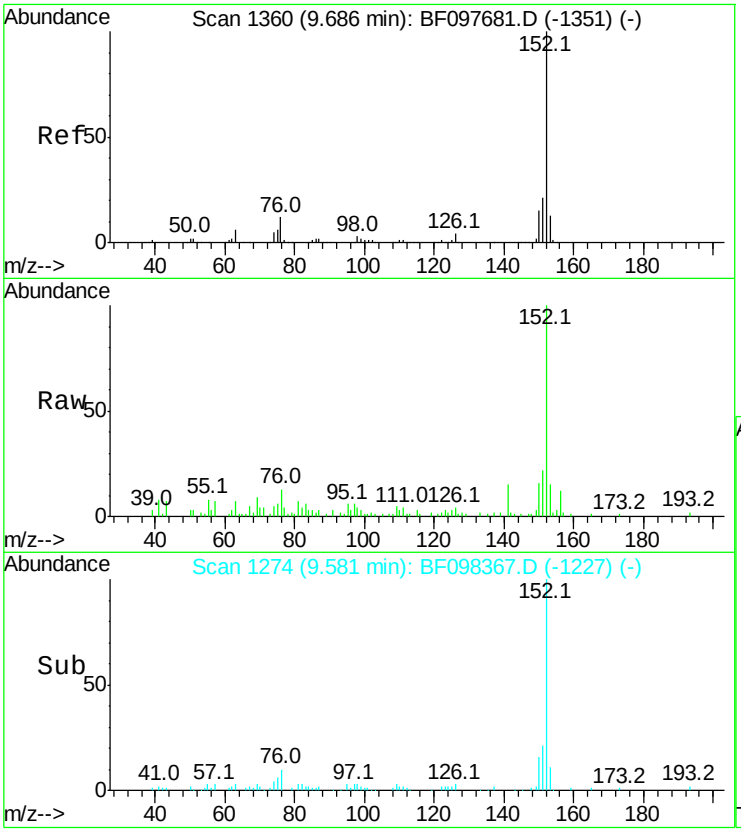


#44
2-Fluorobiphenyl
Concen: 91.346 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:172 Resp: 770911

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8



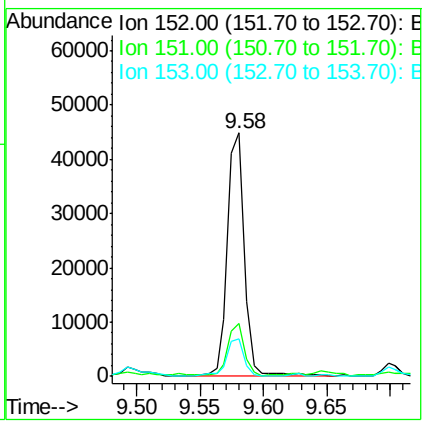


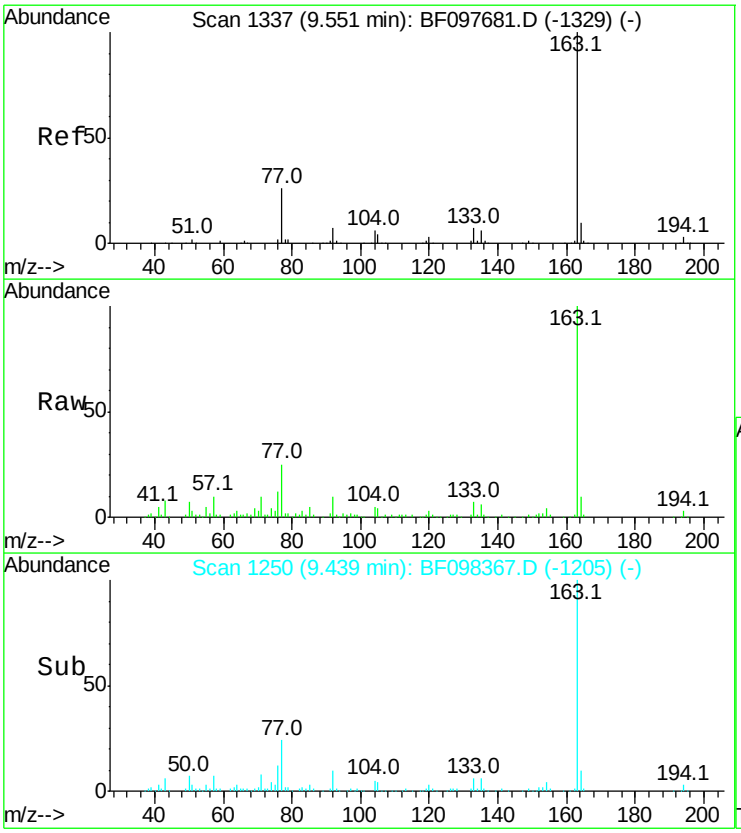
#48
Acenaphthylene
Concen: 3.197 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:152 Resp: 41940

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	15.5	10.8	16.2

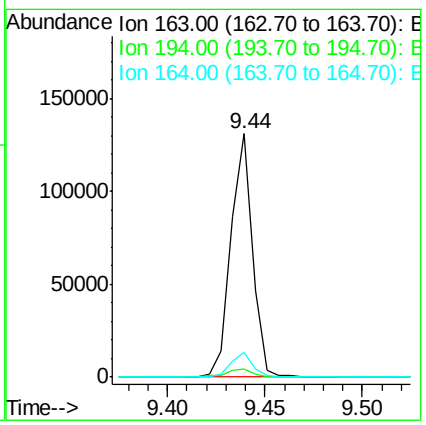


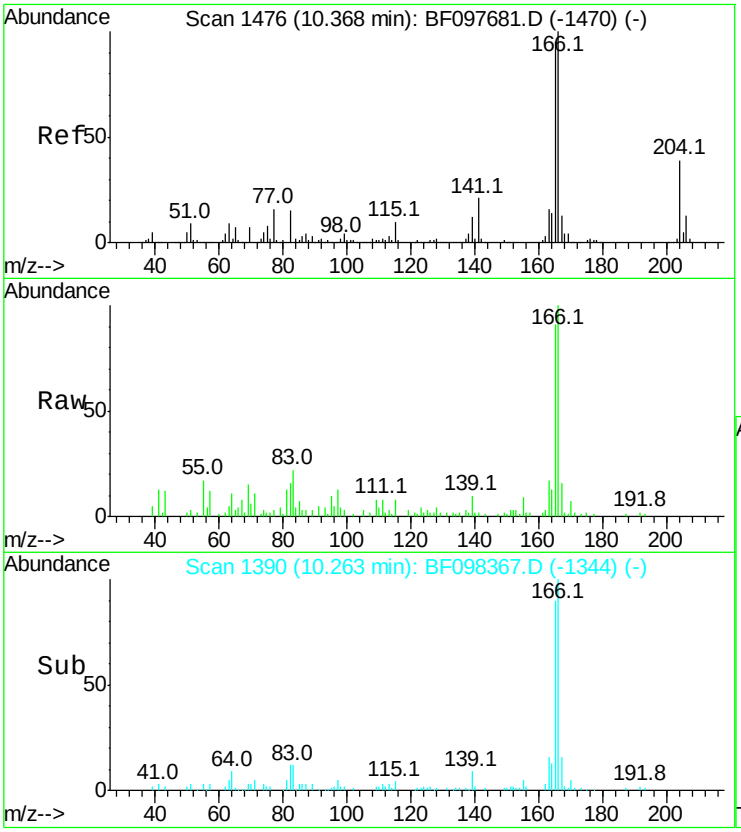


#49
Dimethylphthalate
Concen: 11.030 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:163 Resp: 99969

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6



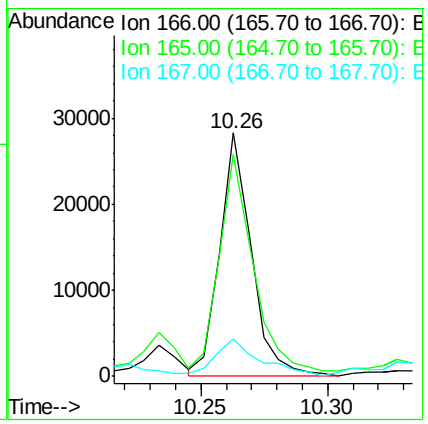


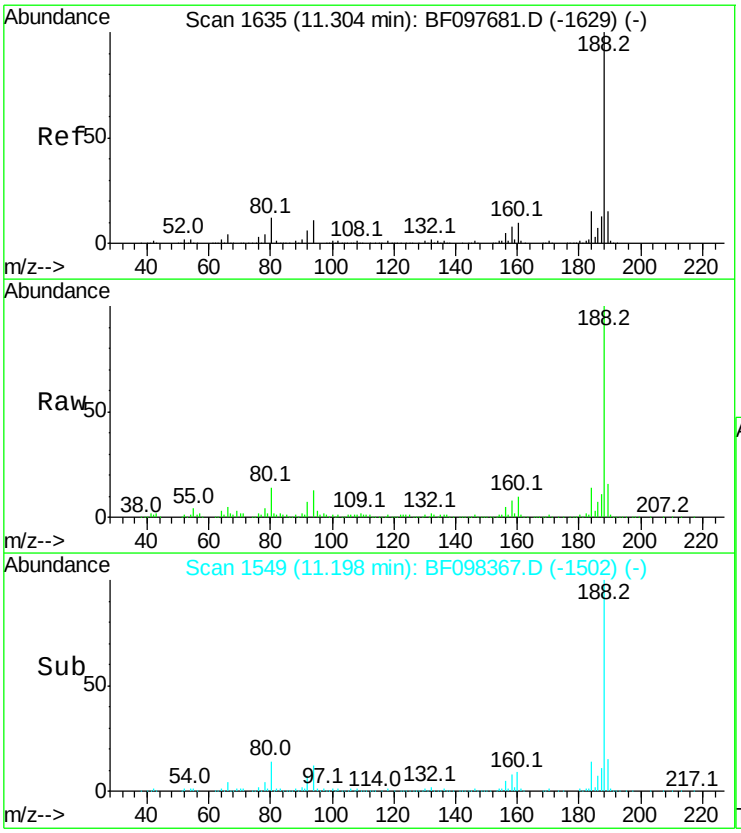
#57
Fluorene
Concen: 2.875 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:166 Resp: 24651

Ion	Ratio	Lower	Upper
166	100		
165	91.2	78.8	118.2
167	15.6	10.6	16.0

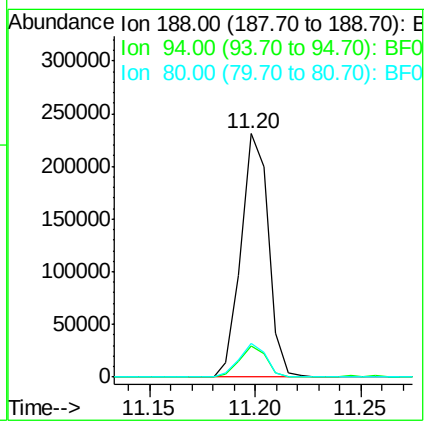


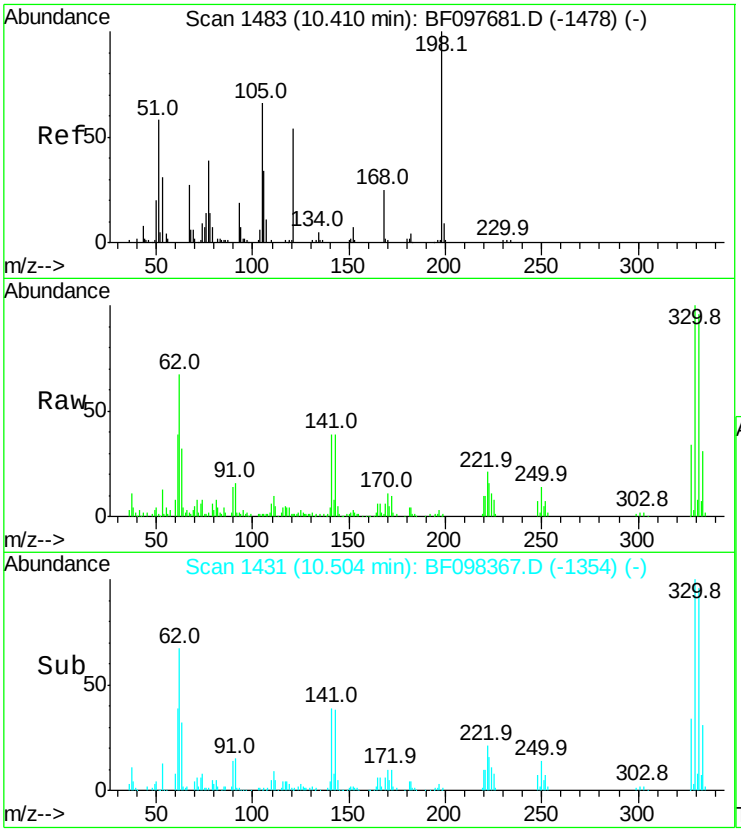


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:188 Resp: 207914

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.8	10.2	15.2



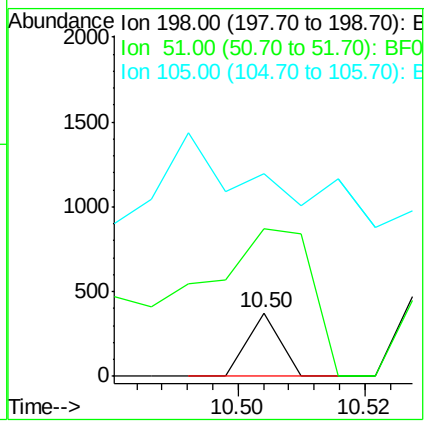


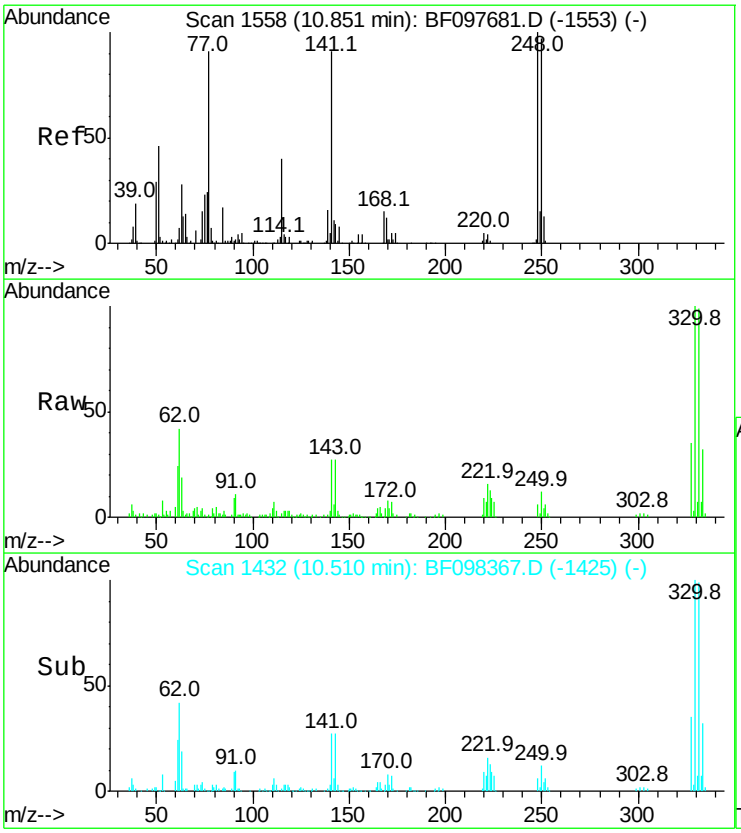
#64
4,6-Dinitro-2-methylphenol
Concen: 8.432 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.15 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:198 Resp: 132

Ion	Ratio	Lower	Upper
198	100		
51	232.3	53.2	93.2#
105	318.9	45.8	85.8#

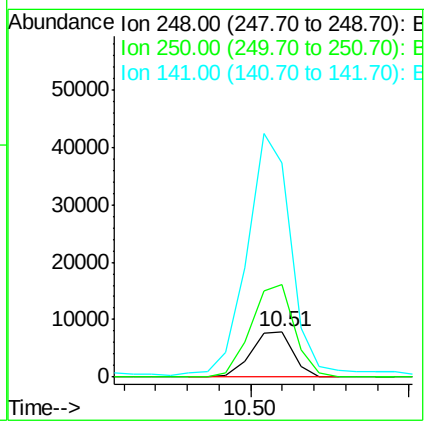


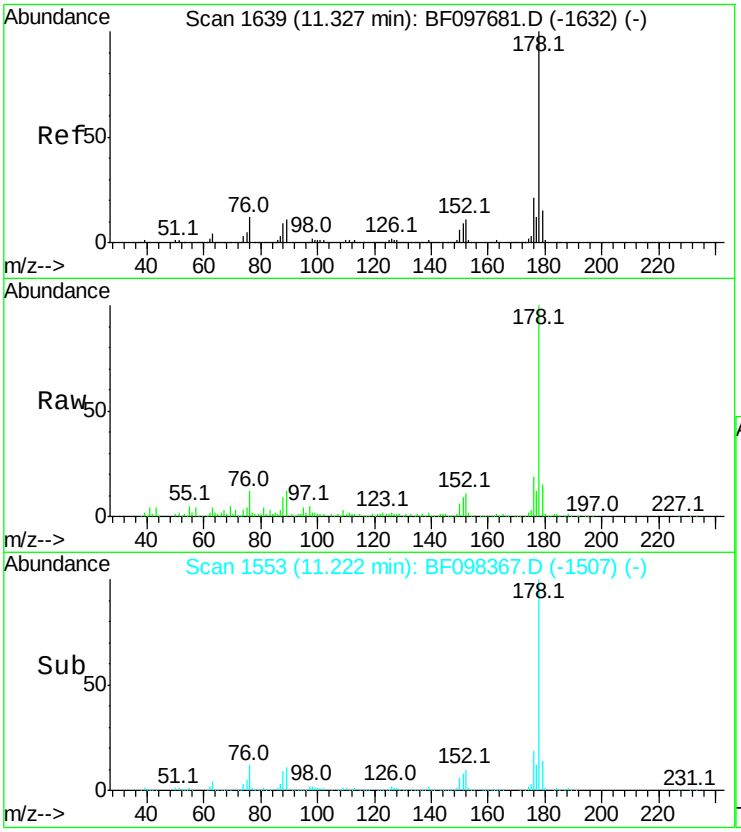


#66
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:248 Resp: 7295

Ion	Ratio	Lower	Upper
248	100		
250	202.9	76.8	115.2#
141	466.9	68.6	103.0#



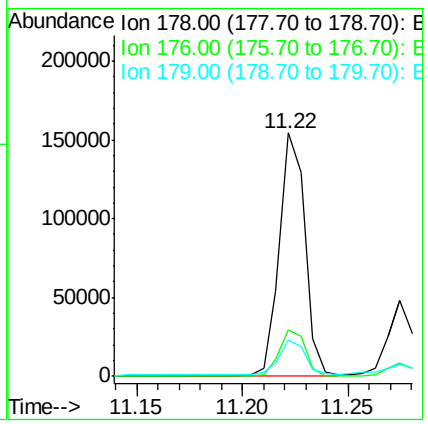


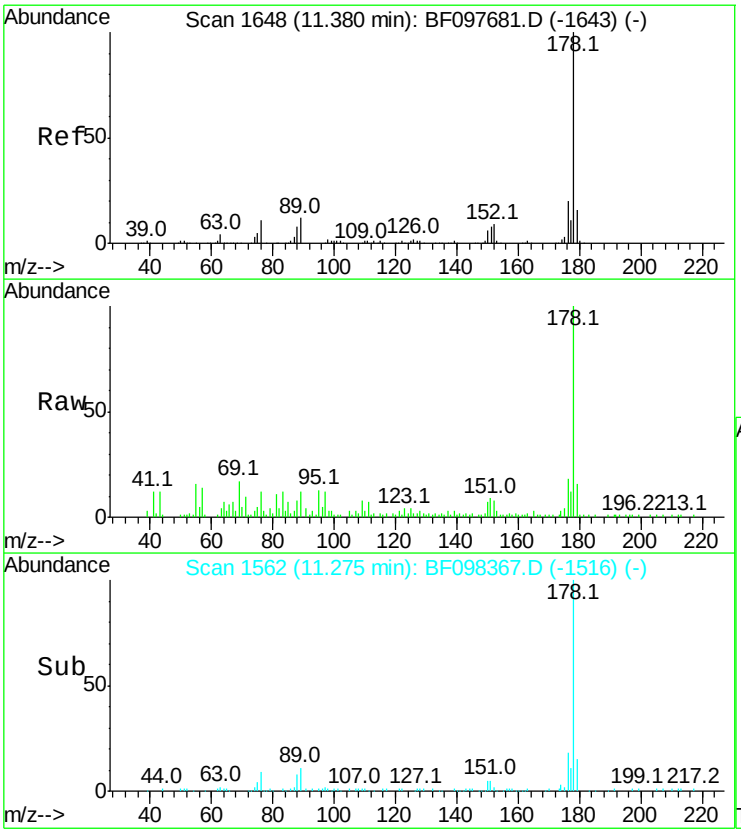
#70
Phenanthrene
Concen: 11.917 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:178 Resp: 132033

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.0	12.6	19.0

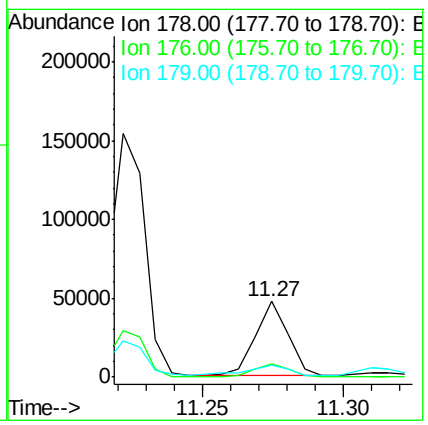


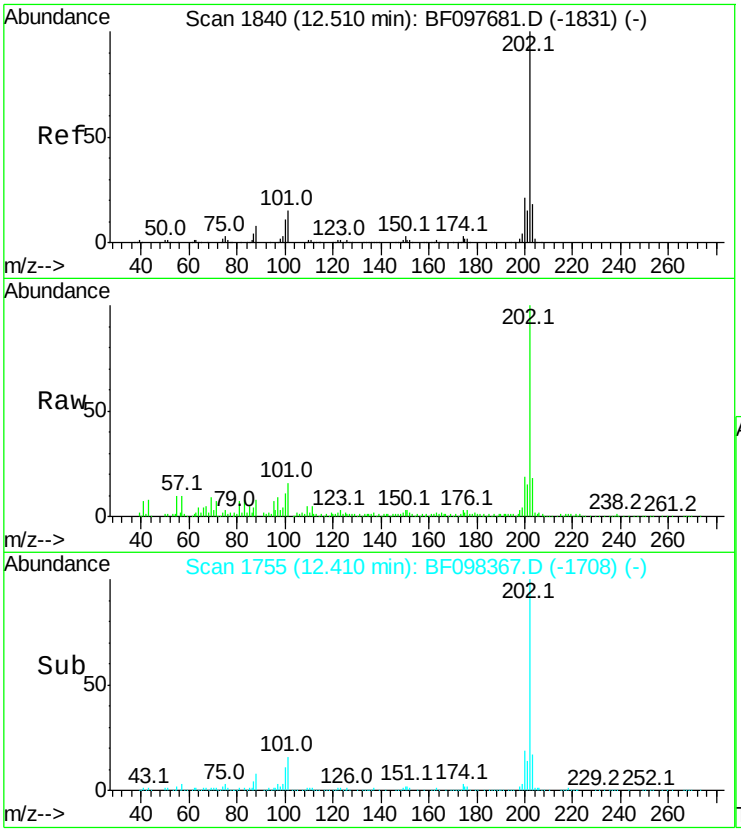


#71
Anthracene
Concen: 3.399 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:178 Resp: 38198

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	16.4	12.7	19.1



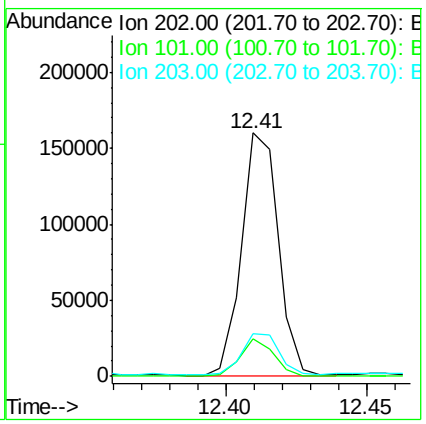


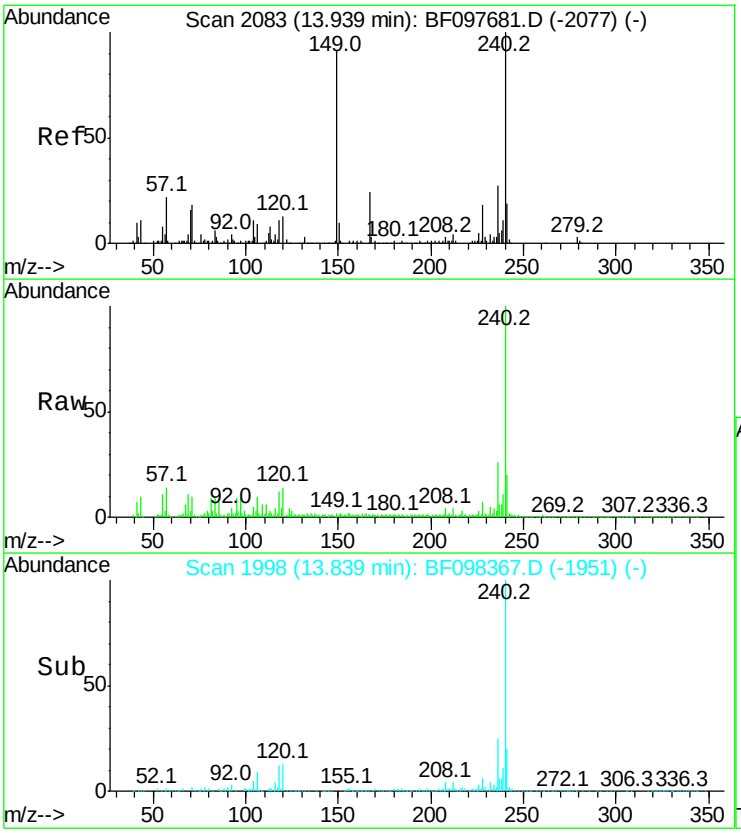
#74
Fluoranthene
Concen: 12.433 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:202 Resp: 143773

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.2
203	17.6	0.0	38.1

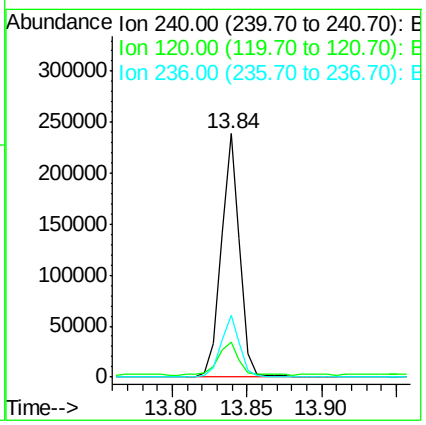


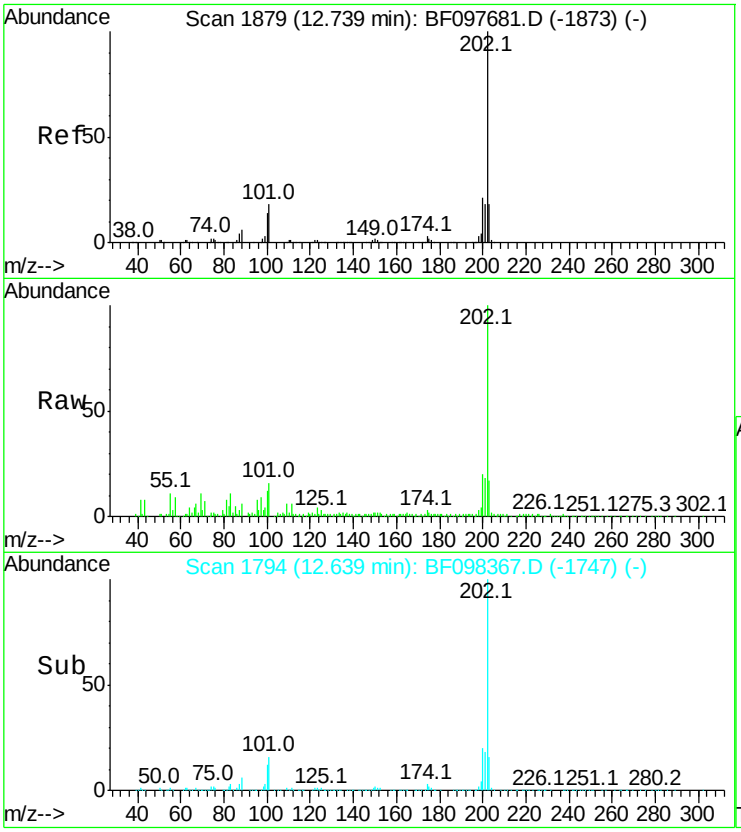


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:240 Resp: 205670

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.5	20.5	30.7



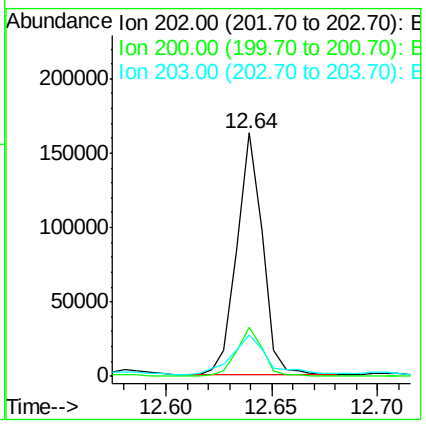


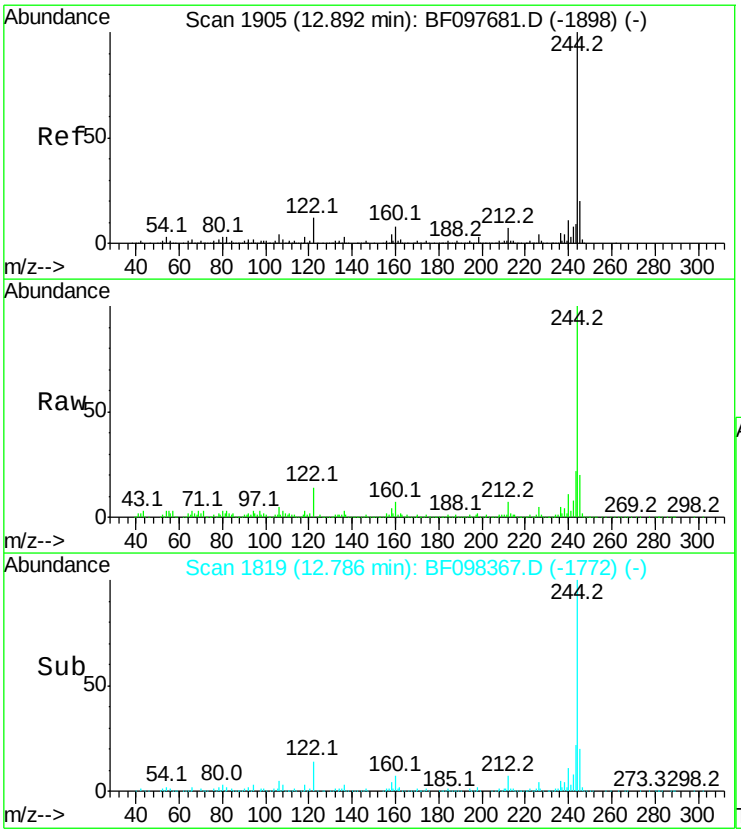
#77
Pyrene
Concen: 8.130 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:202 Resp: 136763

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	16.8	14.4	21.6

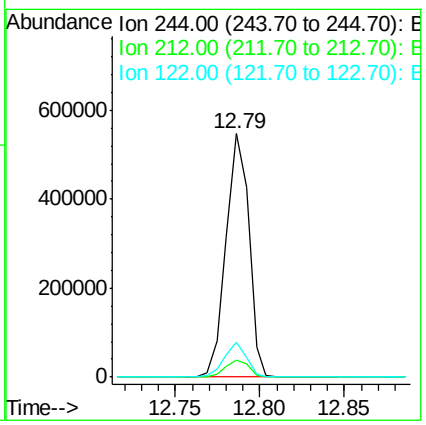


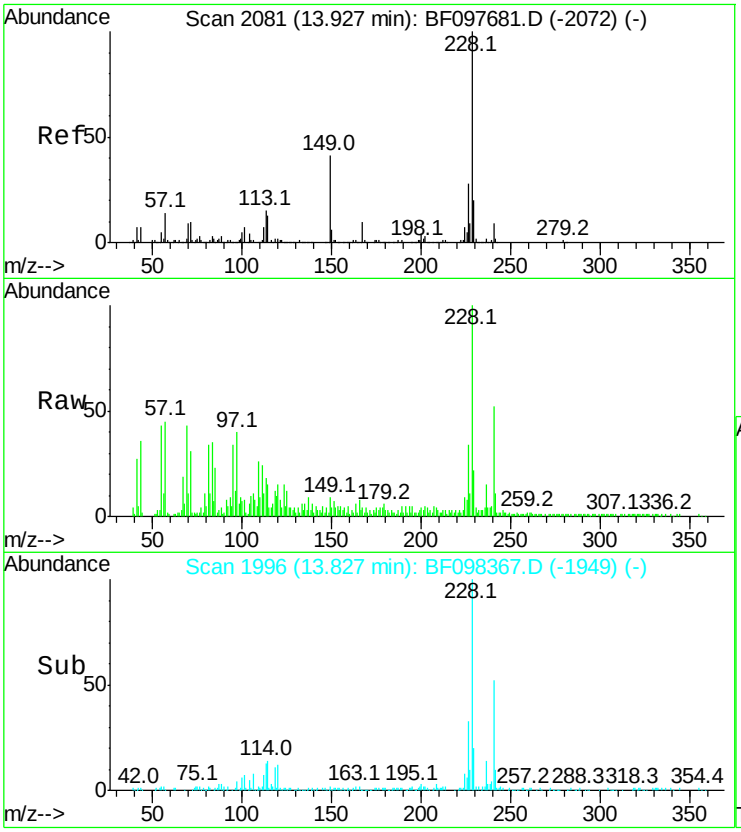


#78
Terphenyl-d14
Concen: 52.036 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:244 Resp: 513215

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.1	10.3	15.5



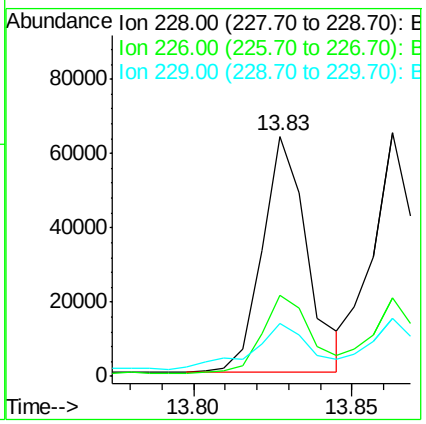


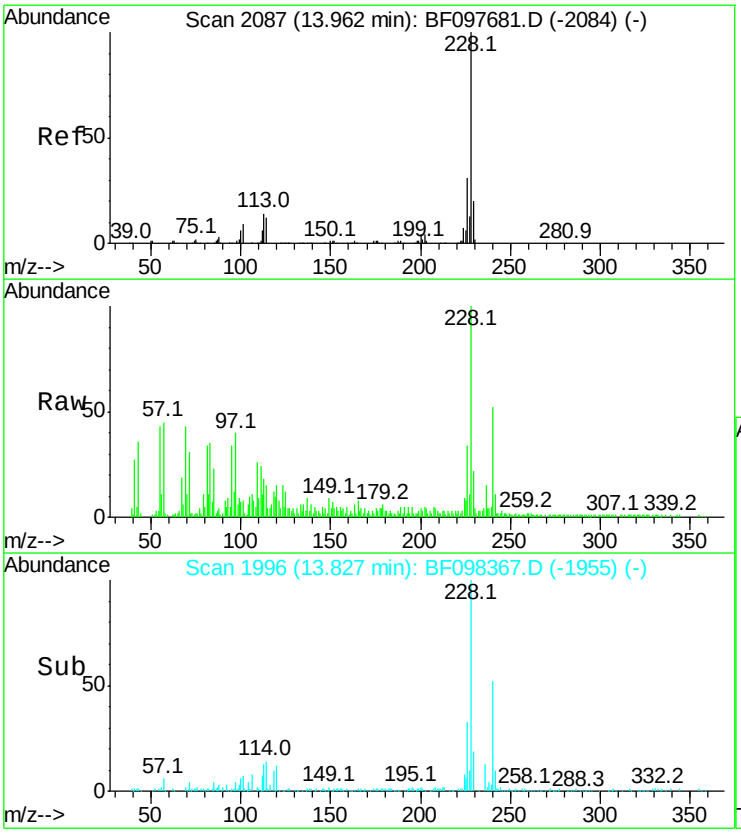
#80
Benzo(a)anthracene
Concen: 5.079 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:228 Resp: 62609

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	21.9	16.3	24.5

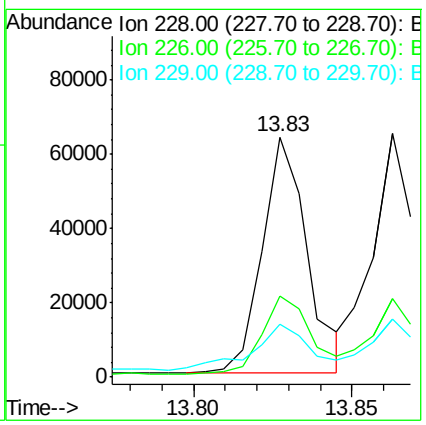


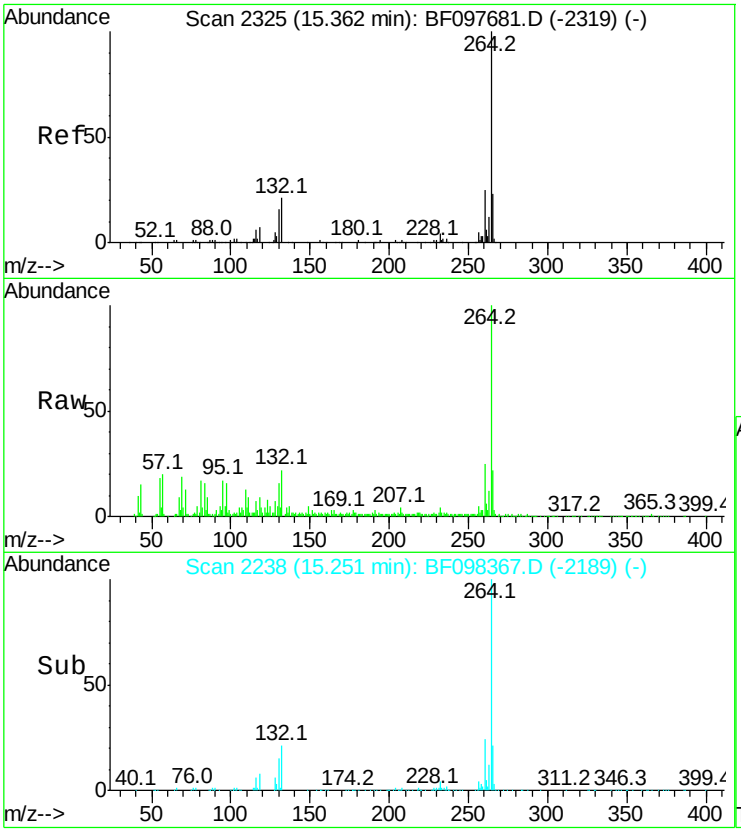


#82
Chrysene
Concen: 5.106 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:228 Resp: 62609

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.9	37.3
229	21.9	15.8	23.6



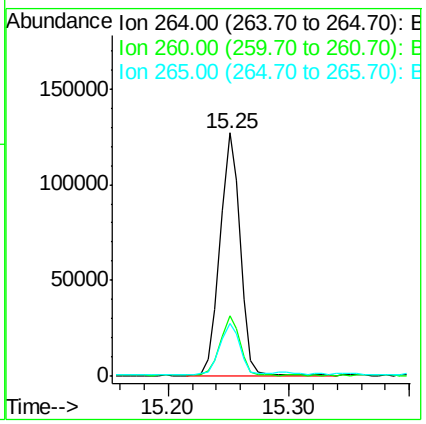


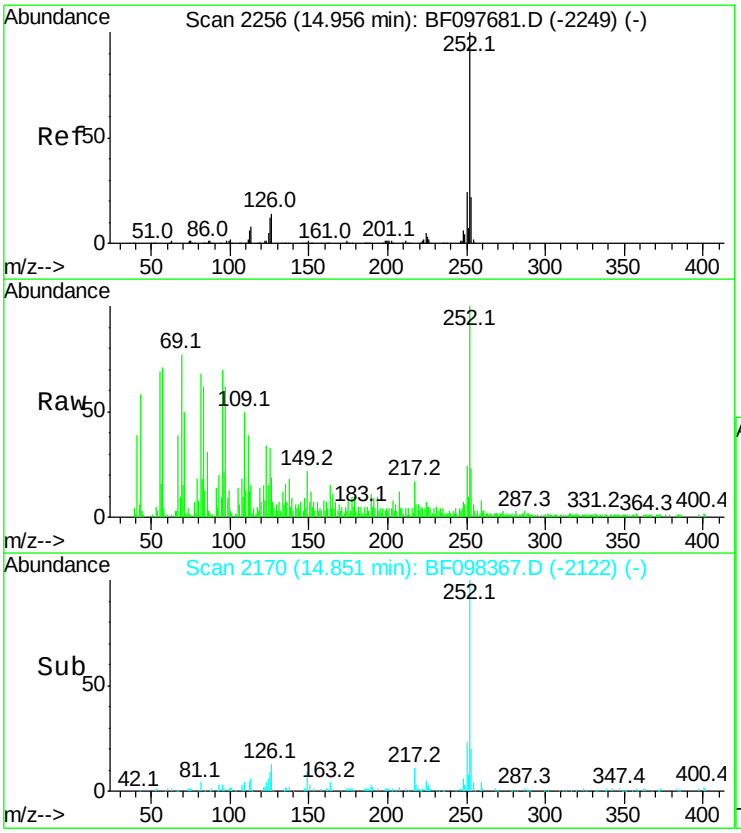
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:264 Resp: 145504

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.7	17.2	25.8

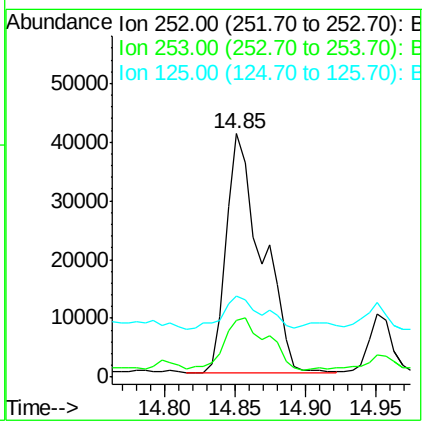


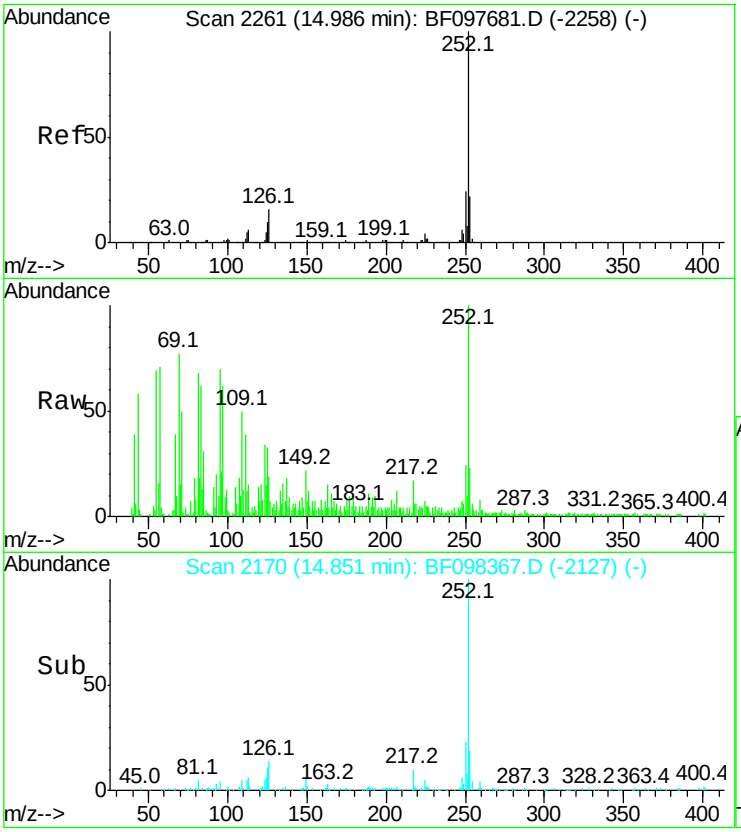


#87
Benzo(b)fluoranthene
Concen: 7.799 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:252 Resp: 71528

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	33.4	9.8	14.8#



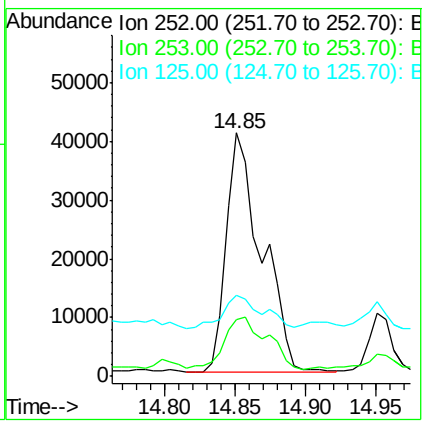


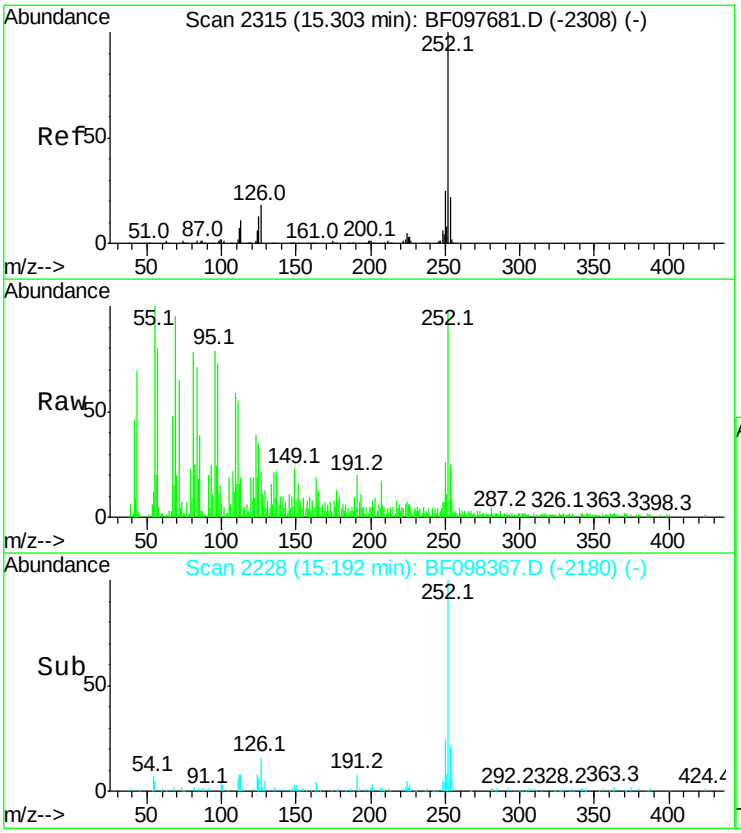
#88
Benzo(k)fluoranthene
Concen: 8.301 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.05 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:252 Resp: 71528

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	33.4	13.1	19.7#

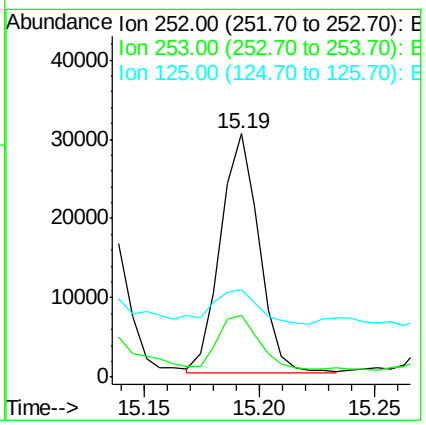


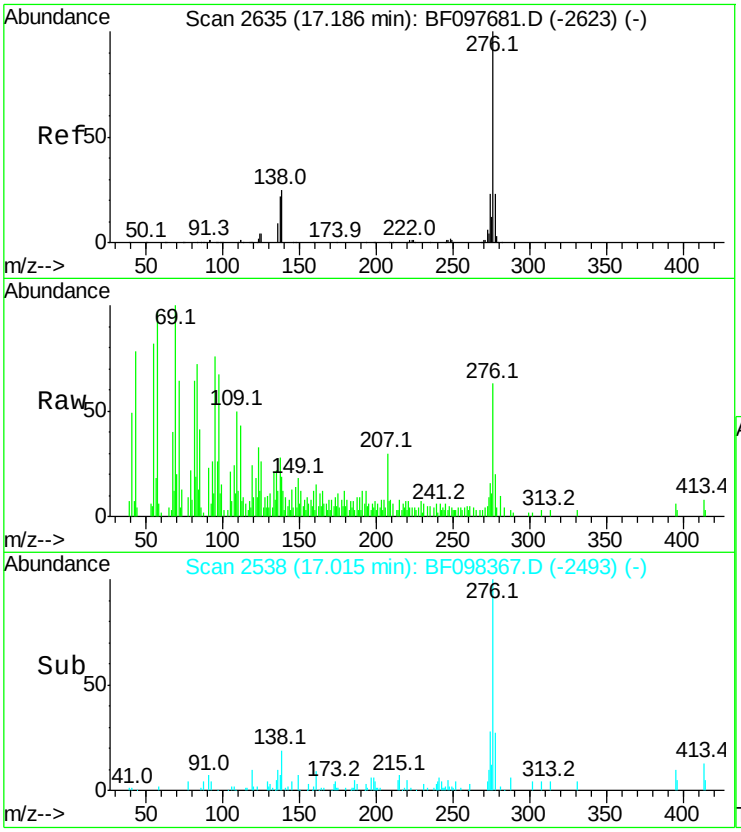


#89
Benzo(a)pyrene
Concen: 4.298 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Tgt Ion:252 Resp: 34893

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	35.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.531 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF098367.D
Acq: 8 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
RL-3-11.75-23.5

Tgt Ion:276 Resp: 17458

Ion	Ratio	Lower	Upper
276	100		
277	31.2	18.6	28.0#
138	30.7	25.4	38.0