Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 05:18:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	165392	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	666075	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	274275	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	409919	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	340252	20.00	ng	-0.01
86) Perylene-d12	15.20	264	295622	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1378881	123.27	ng	0.00
7) Phenol-d6	6.32	99	1650961	116.24	ng	0.00
23) Nitrobenzene-d5	7.23	82	929474	77.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	211358	115.46	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1388903	85.83	ng	-0.02
78) Terphenyl-d14	12.75	244	851789	54.04	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.32	94	52557	3.186	ng	# 66
19) n-Nitroso-di-n-propylamine	7.23	70	124553	13.942	ng	# 78
25) Isophorone	7.23	82	914205	37.819	ng	# 67
32) Benzoic acid	7.77	122	612	8.042	ng	# 28
49) Dimethylphthalate	9.41	163	259357	12.216	ng	98
56) 2,4-Dinitrotoluene	9.69	165	35720	6.737	ng	# 33
62) Azobenzene	10.40	77	149795	6.883	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.48	198	305	5.073	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	16358	4.205	ng	# 1
70) Phenanthrene	11.19	178	145669	6.703	ng	98
71) Anthracene	11.25	178	58306	2.613	ng	97
74) Fluoranthene	12.38	202	215674	9.914	ng	98
77) Pyrene	12.60	202	213466	7.953	ng	98
80) Benzo(a)anthracene	13.79	228	130377	6.536	ng	99
82) Chrysene	13.83	228	112775	5.593	ng	96
85) Indeno(1,2,3-cd)pyrene	16.54	276	49123	3.472	ng	92
87) Benzo(b)fluoranthene	14.81	252	220382	11.856	ng	97
88) Benzo(k)fluoranthene	14.81	252	220382	12.700	ng	96
89) Benzo(a)pyrene	15.14	252	99670	6.019	ng	99
91) Benzo(g,h,i)perylene	16.94	276	43792	3.614	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098507.D
Acq On : 13 Sep 2017 23:32
Operator : SJ/JU
Sample : I5160-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 05:18:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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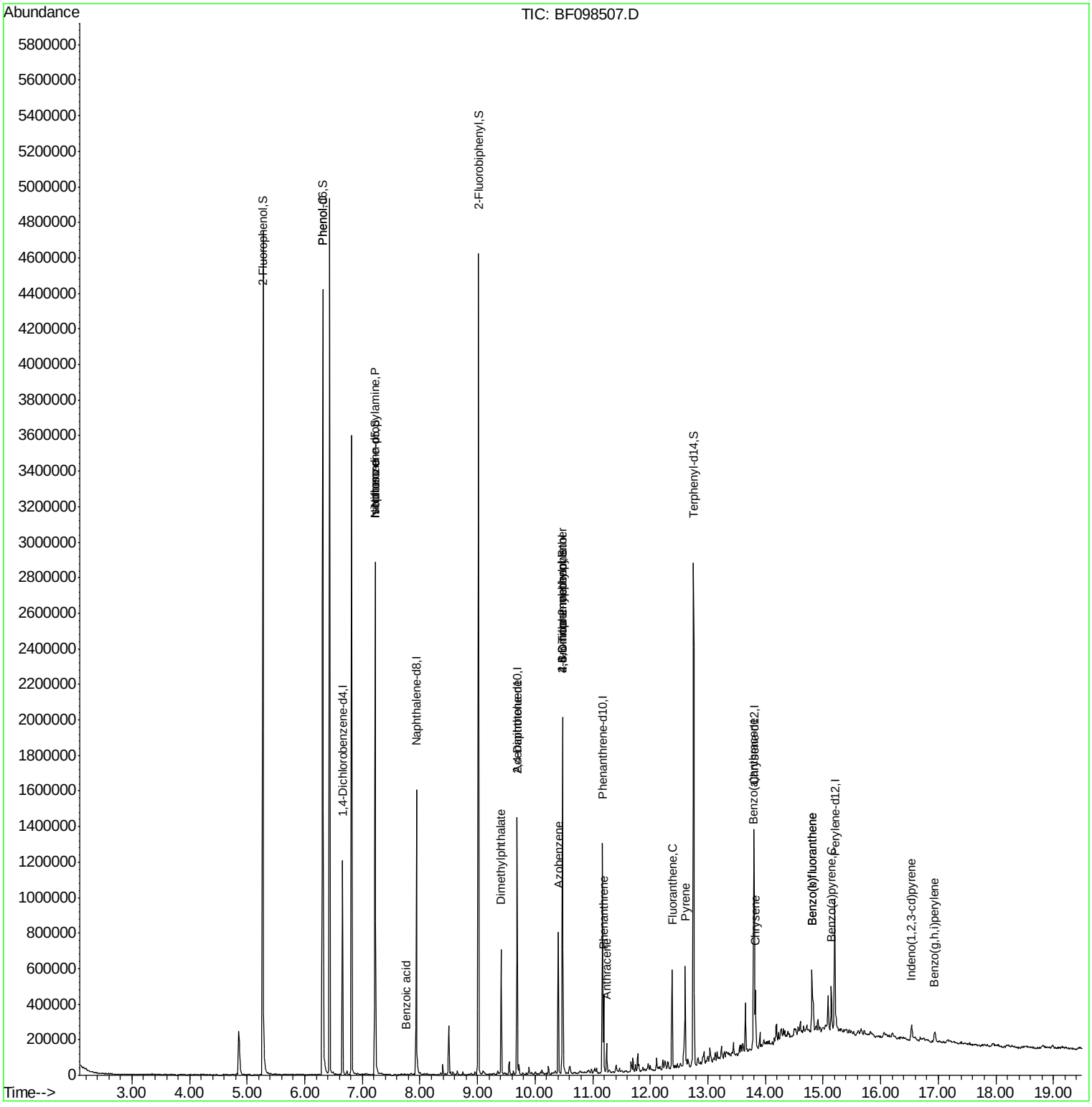
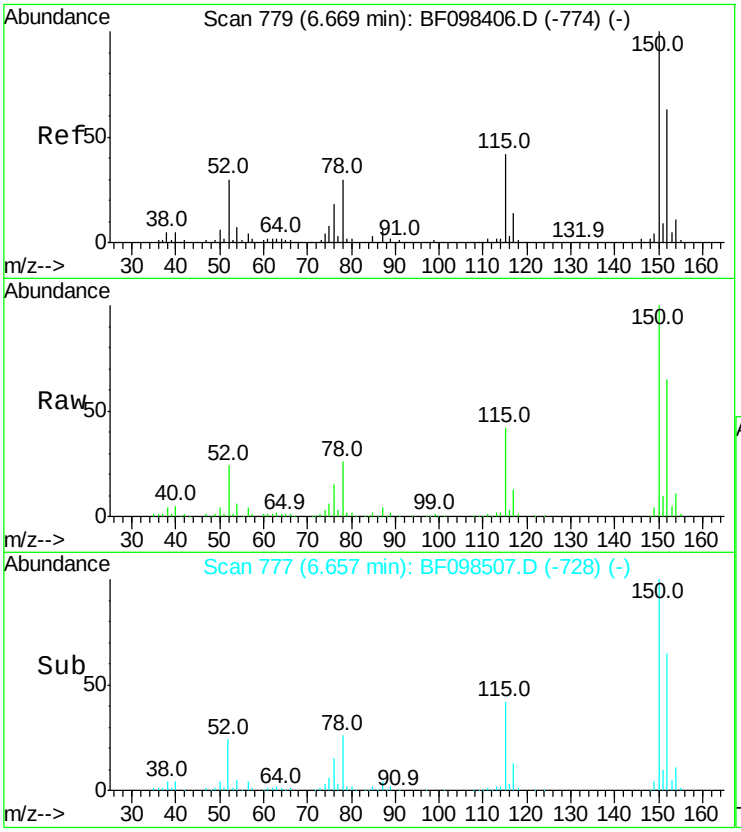


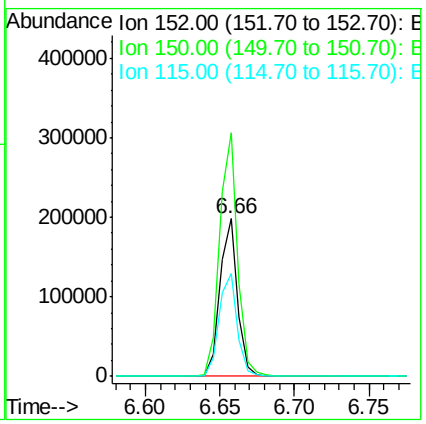


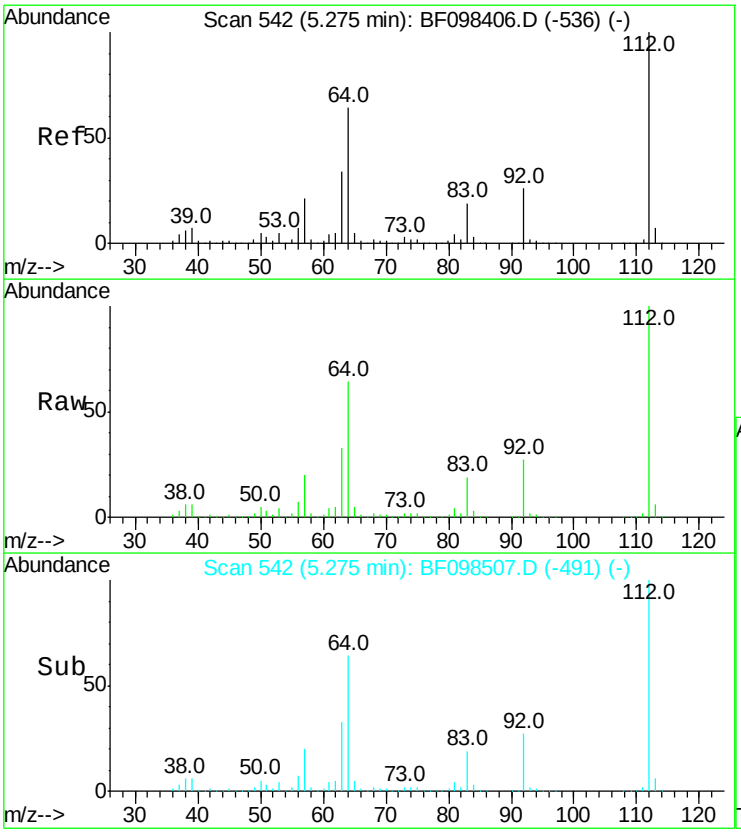
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 165392

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	65.1	52.2	78.2

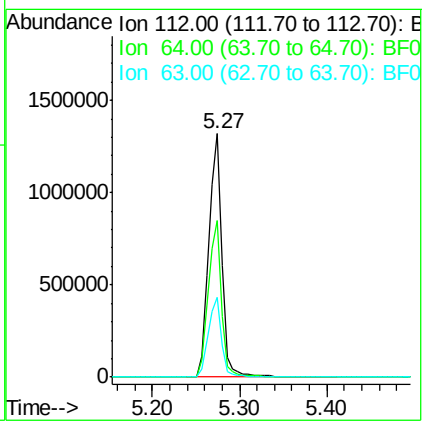


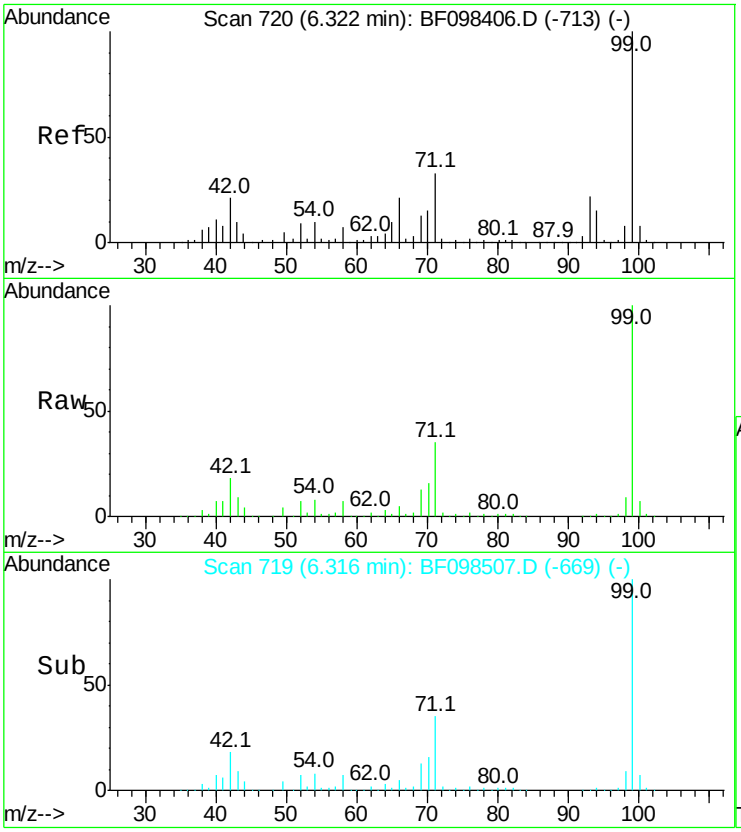


#5
2-Fluorophenol
Concen: 123.265 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:112 Resp: 1378881

Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.9	23.4	35.0



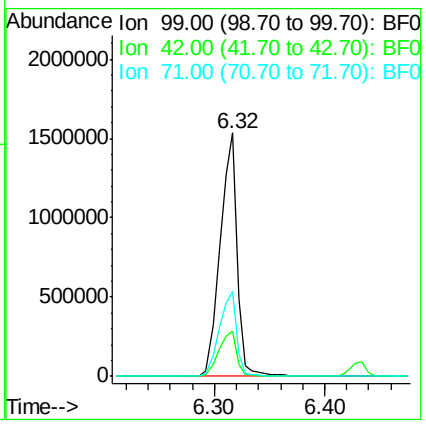


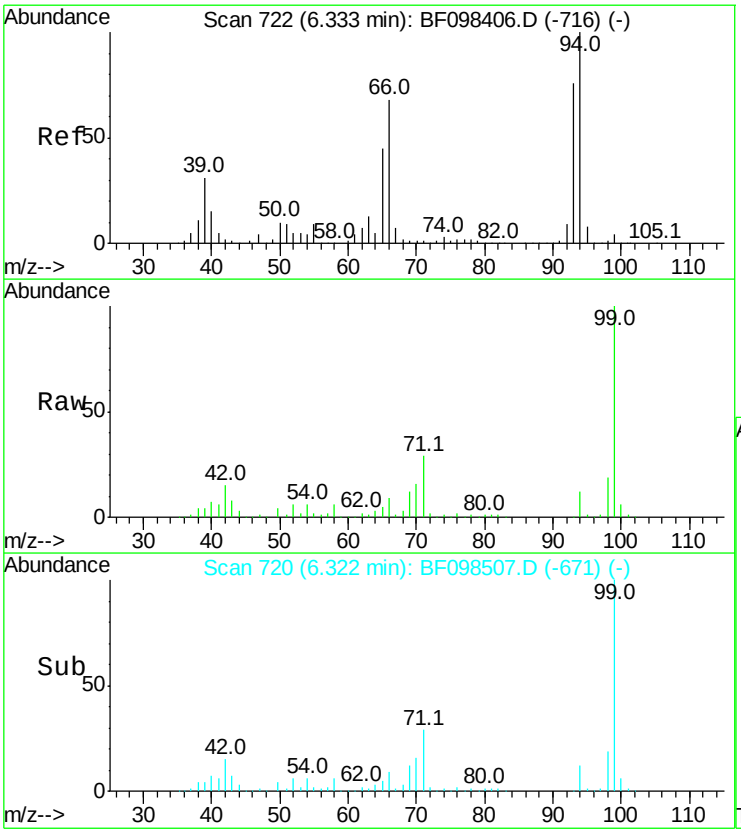
#7
Phenol-d6
Concen: 116.242 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1650961

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	35.1	24.5	36.7

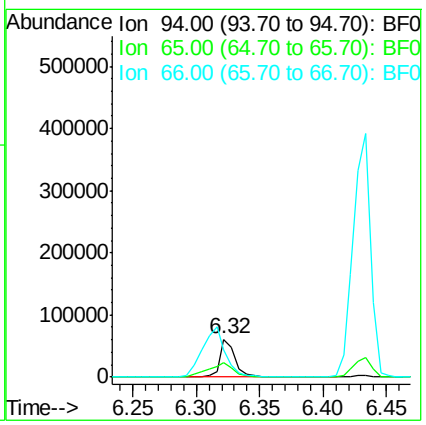


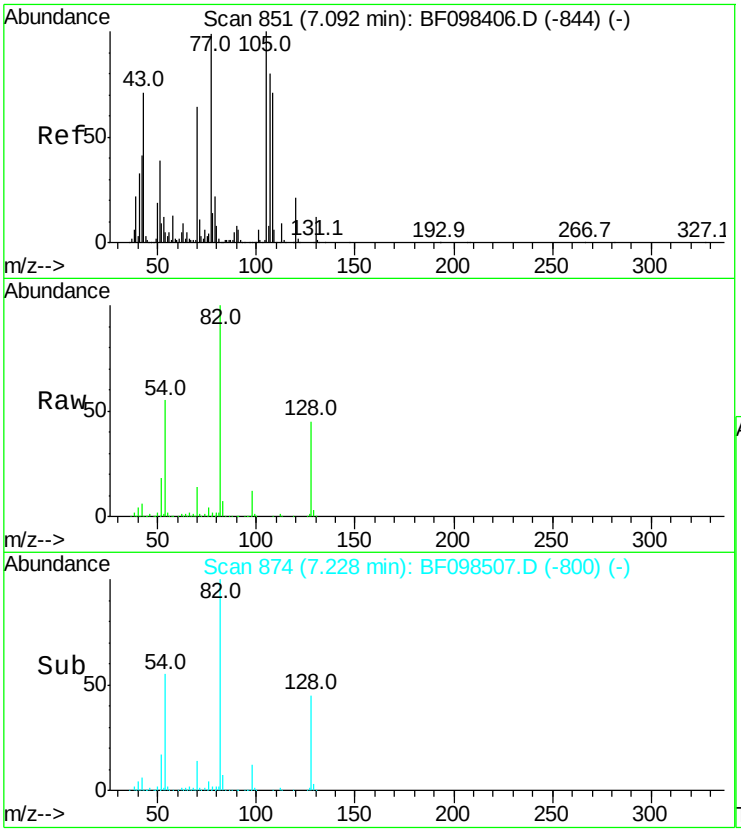


#10
Phenol
Concen: 3.186 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion: 94 Resp: 52557

Ion	Ratio	Lower	Upper
94	100		
65	39.3	9.9	49.9
66	72.6	23.1	63.1#



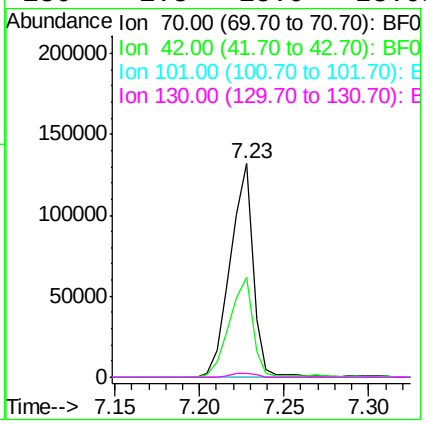


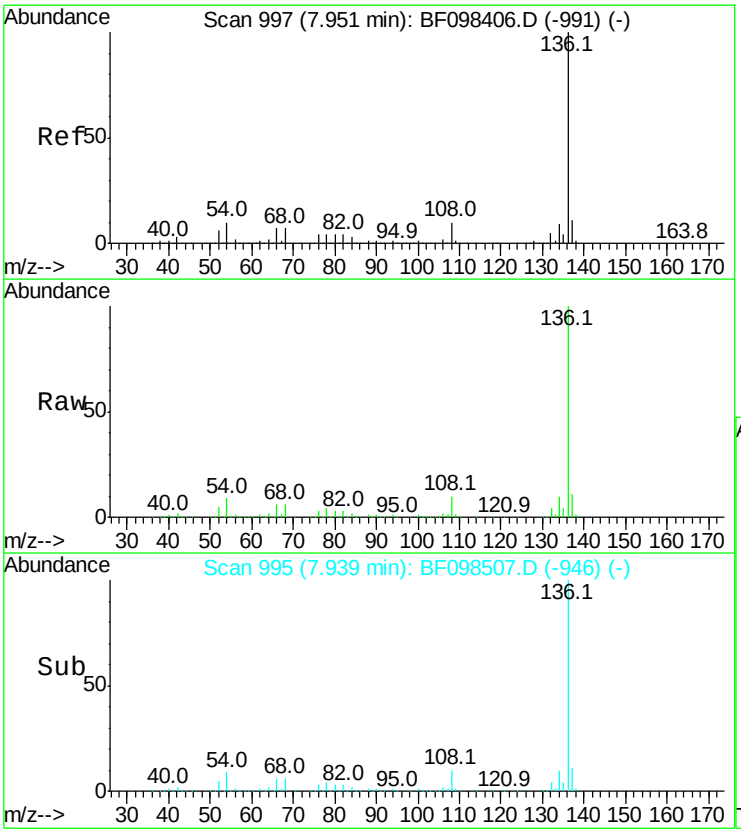
#19
n-Nitroso-di-n-propylamine
Concen: 13.942 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 124553

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

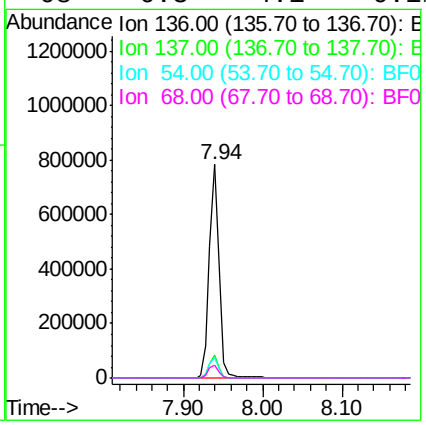


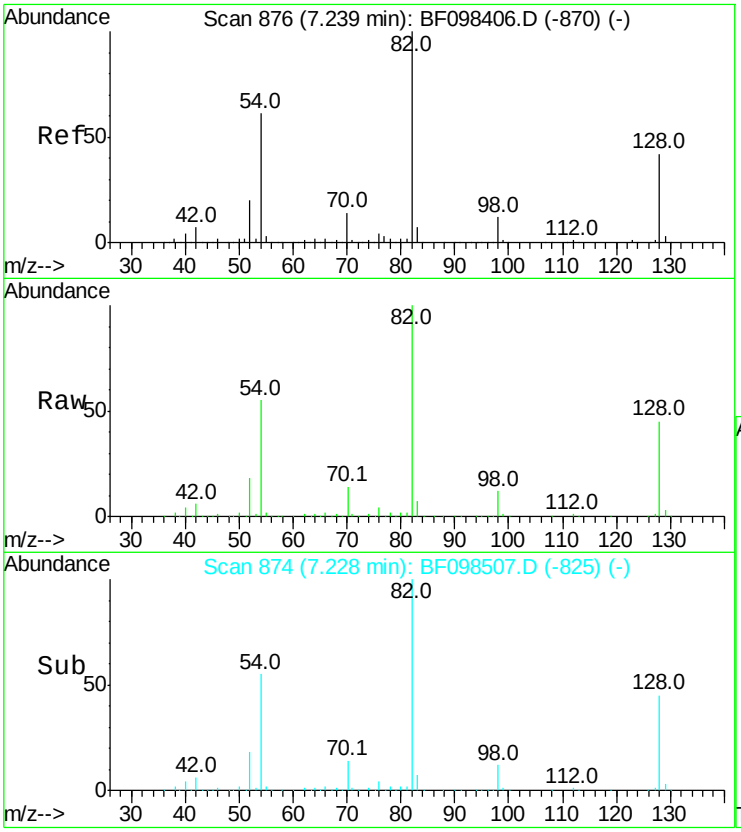


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:136 Resp: 666075

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.4	4.9	7.3#
68	6.3	4.1	6.1#



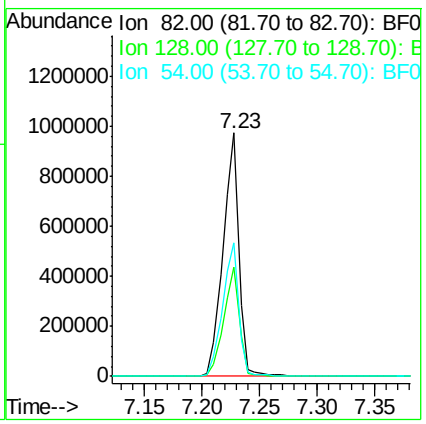


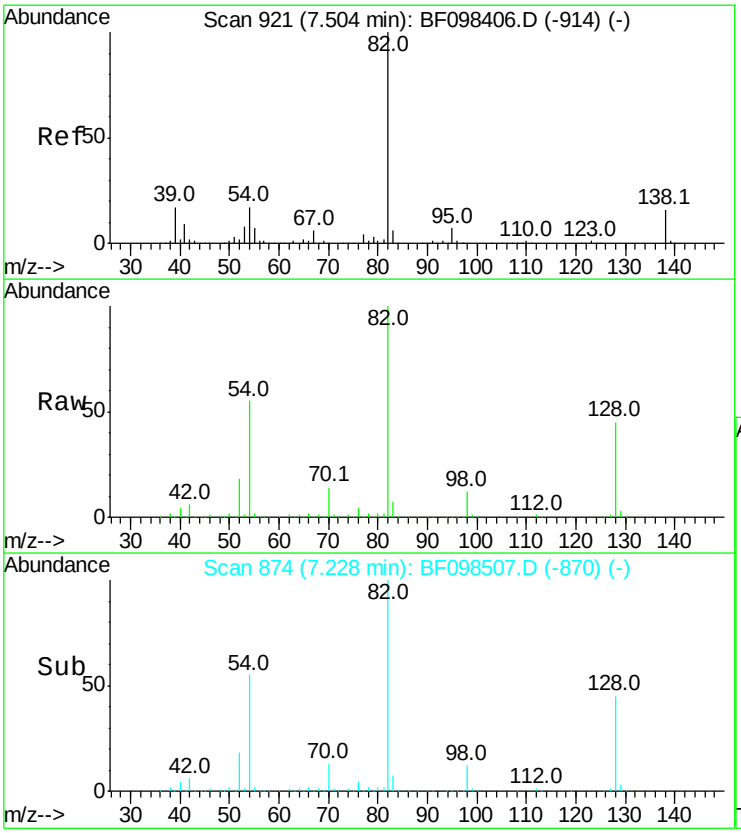
#23
Nitrobenzene-d5
Concen: 77.796 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 929474

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	54.8	42.2	63.2

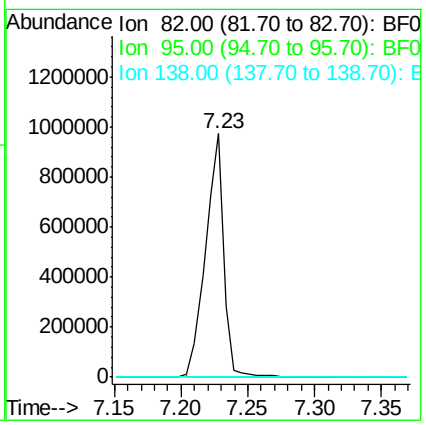


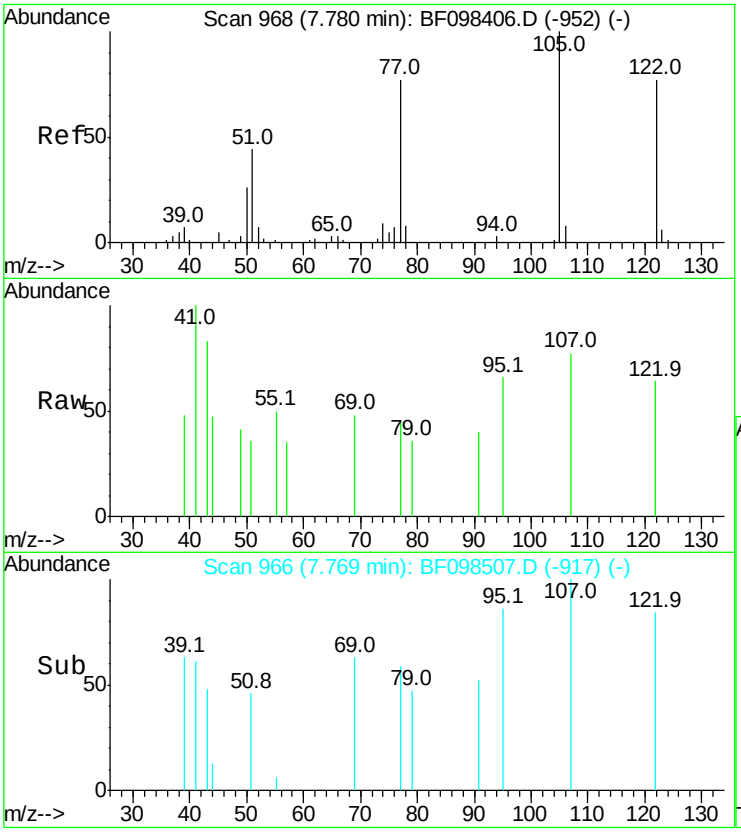


#25
Isophorone
Concen: 37.819 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion: 82 Resp: 914205

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



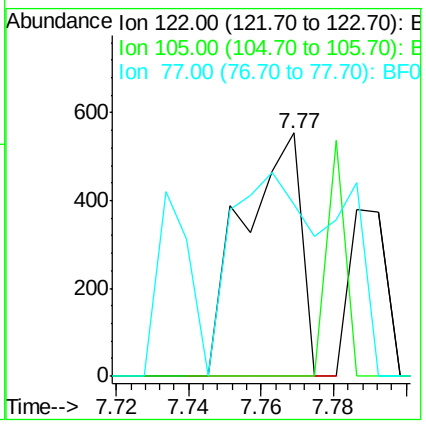


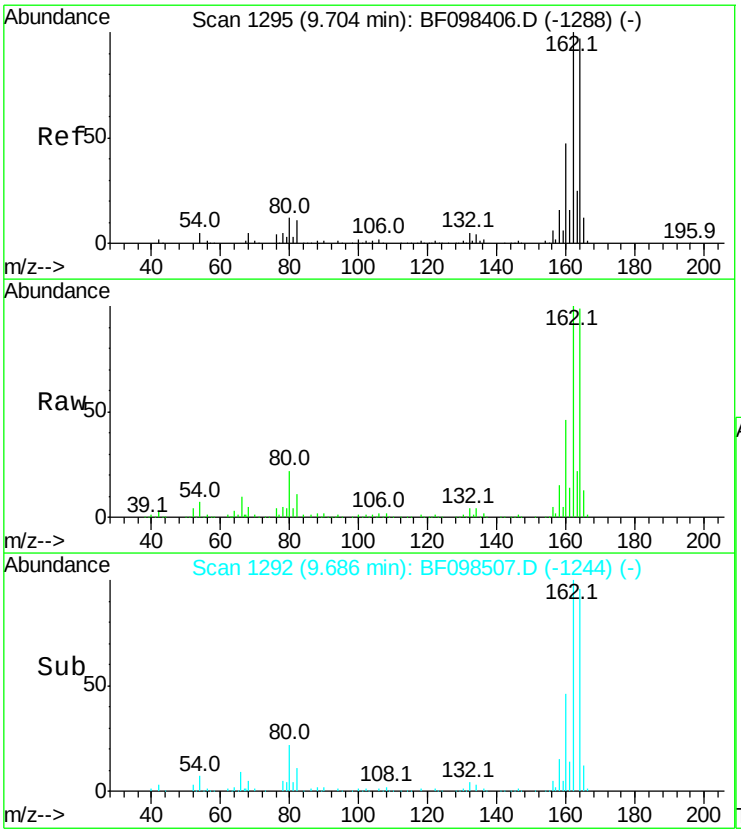
#32
Benzoic acid
Concen: 8.042 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 612

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	70.6	73.7	113.7#

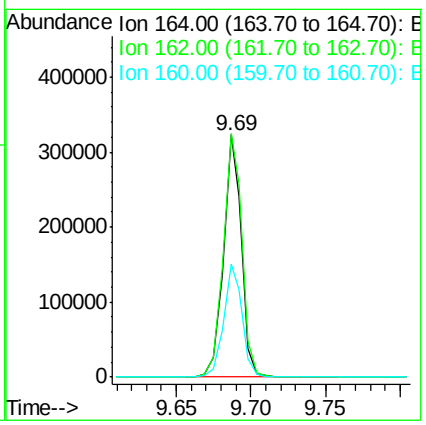


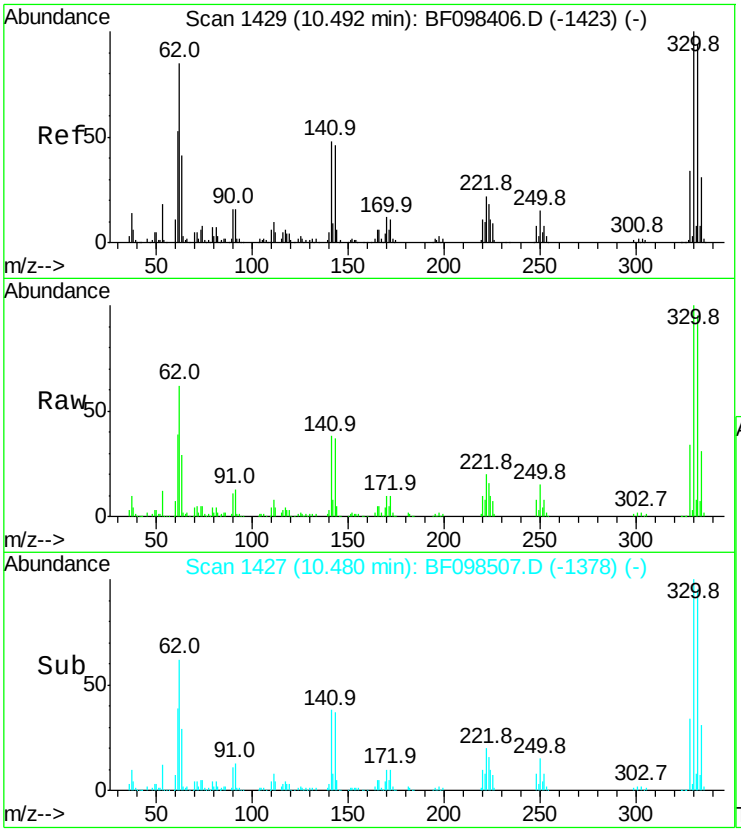


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:164 Resp: 274275

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	46.7	36.2	54.2



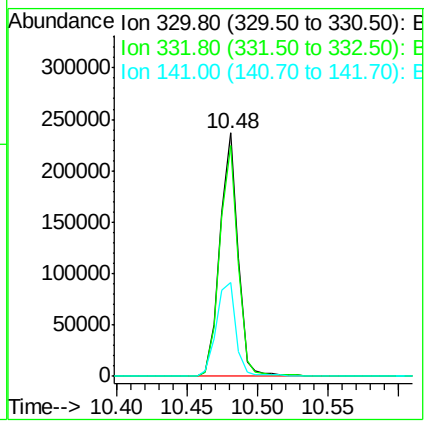


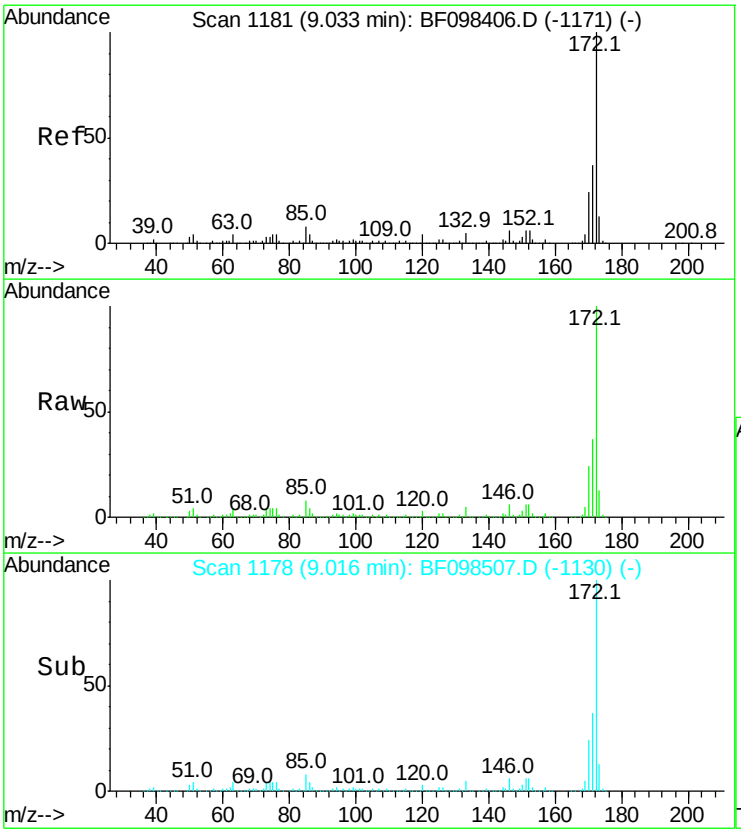
#41
2,4,6-Tribromophenol
Concen: 115.461 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 211358

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	42.6	31.4	47.2

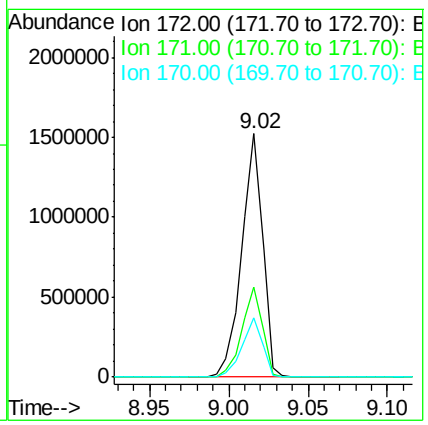


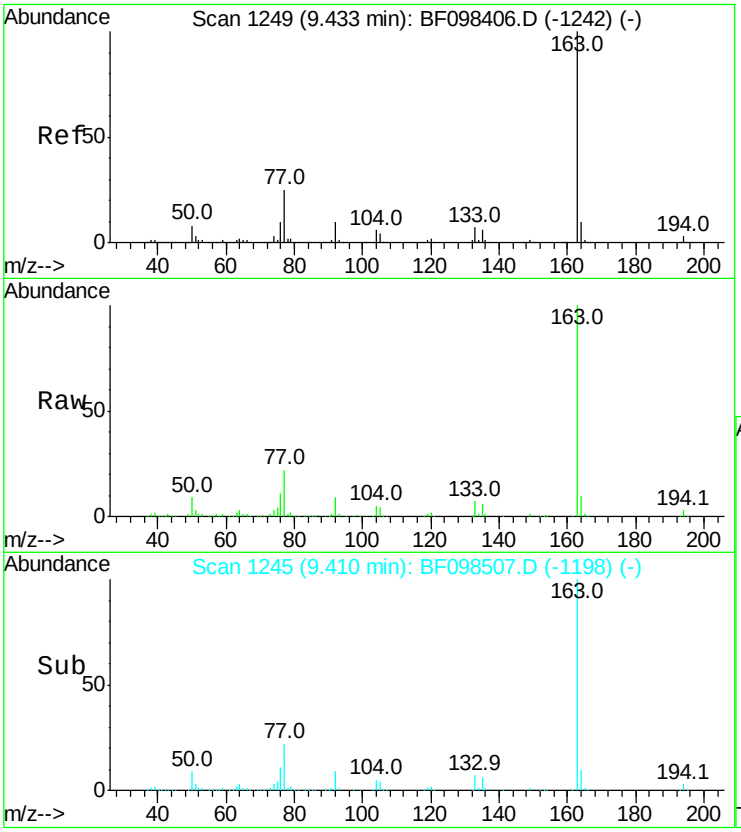


#44
2-Fluorobiphenyl
Concen: 85.829 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:172 Resp: 1388903

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	19.8	29.8



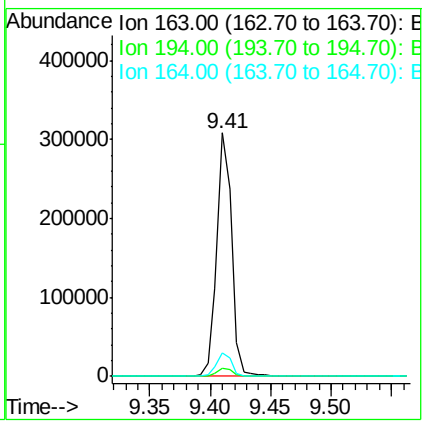


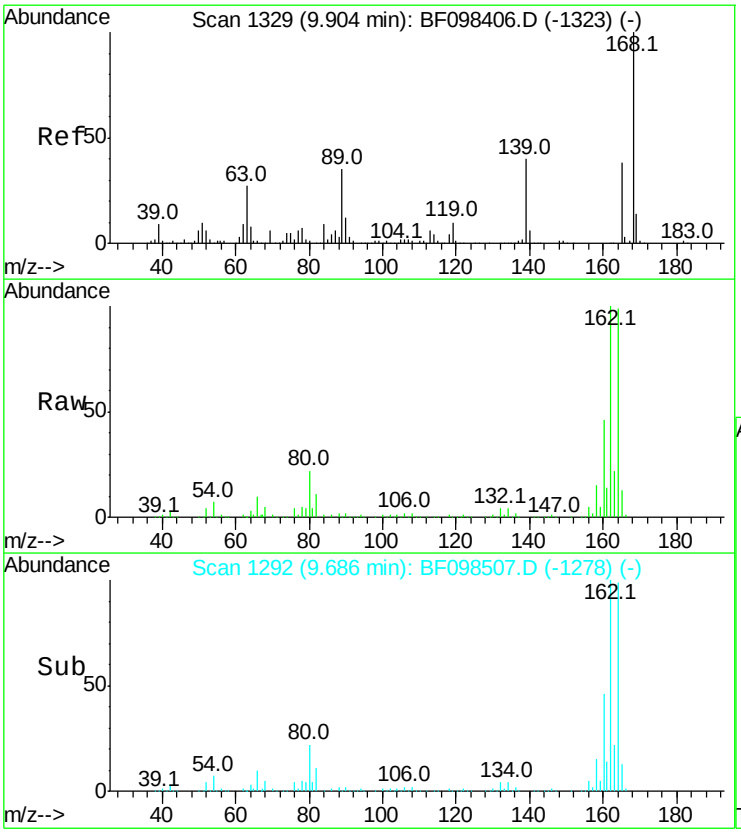
#49
Dimethylphthalate
Concen: 12.216 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 259357

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.6	8.4	12.6

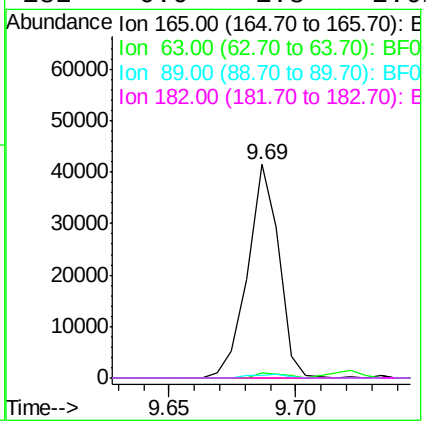


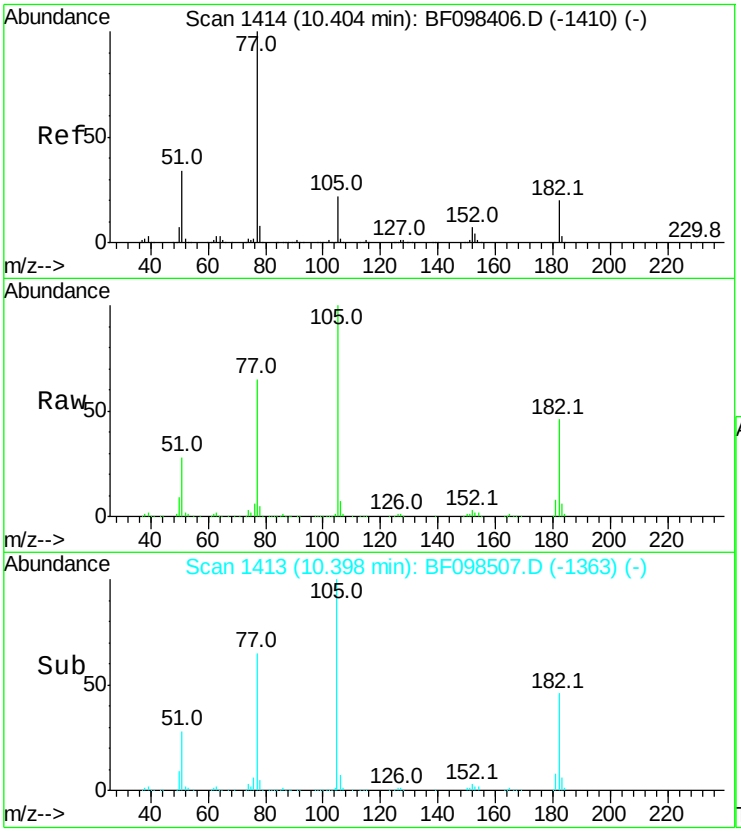


#56
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:165 Resp: 35720

Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



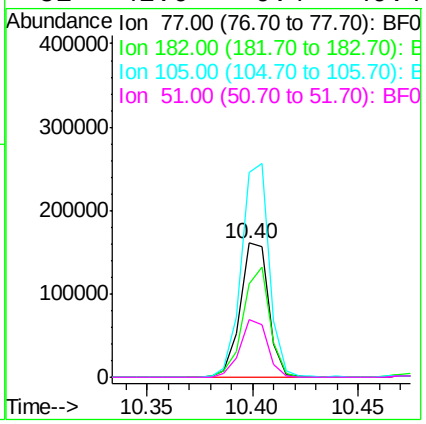


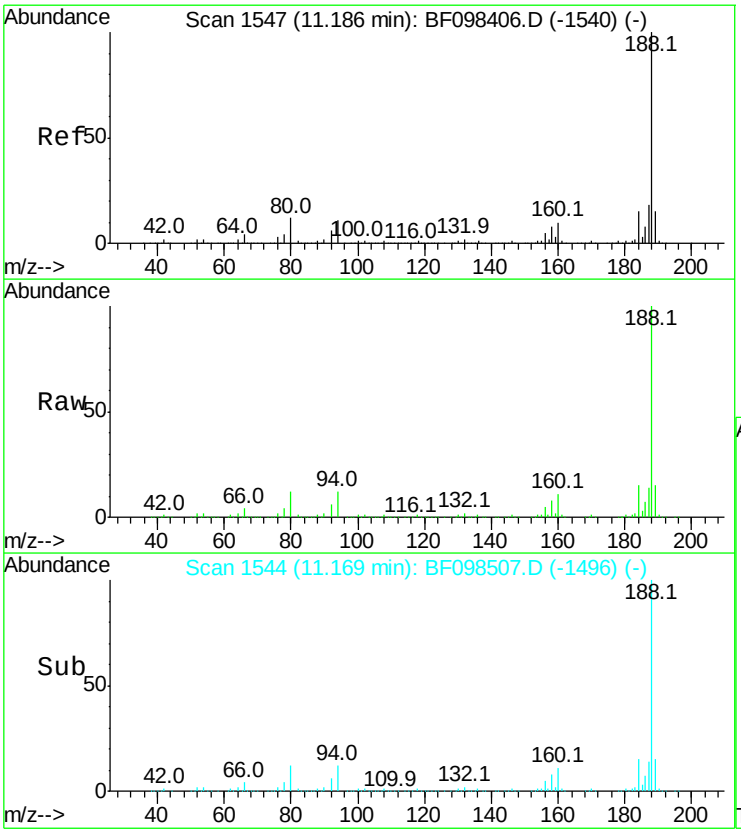
#62
Azobenzene
Concen: 6.883 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 149795

Ion	Ratio	Lower	Upper
77	100		
182	70.1	0.1	40.1#
105	152.9	3.6	43.6#
51	42.6	9.4	49.4

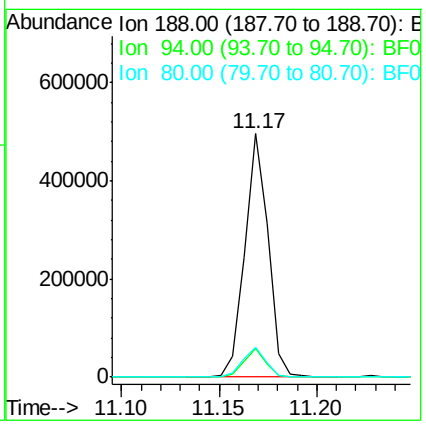


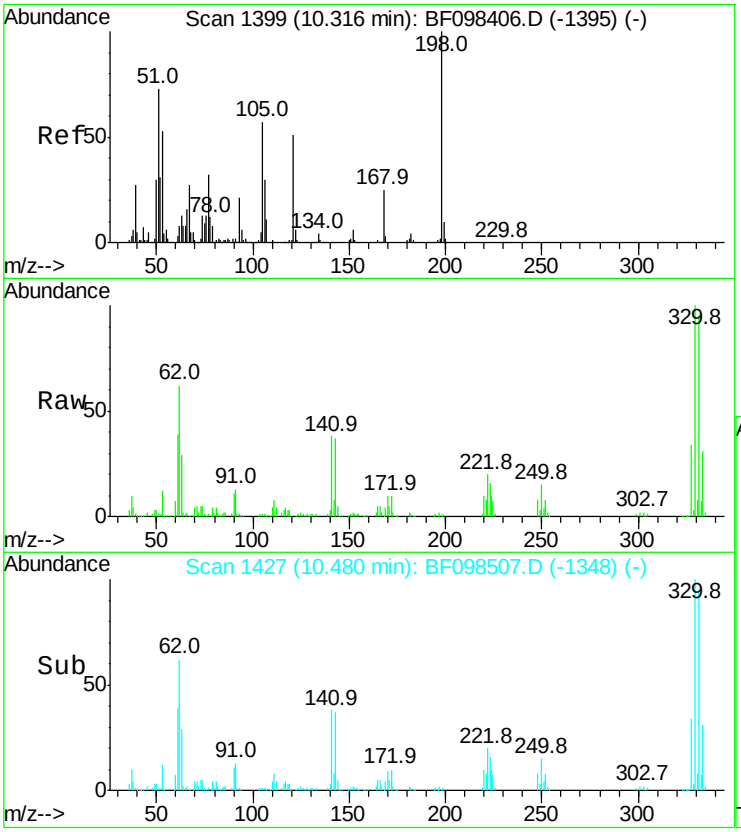


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:188 Resp: 409919

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.2	10.2	15.2



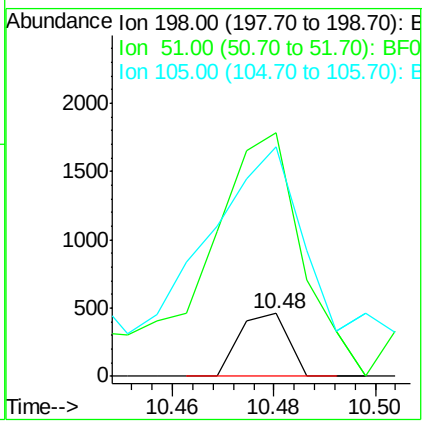


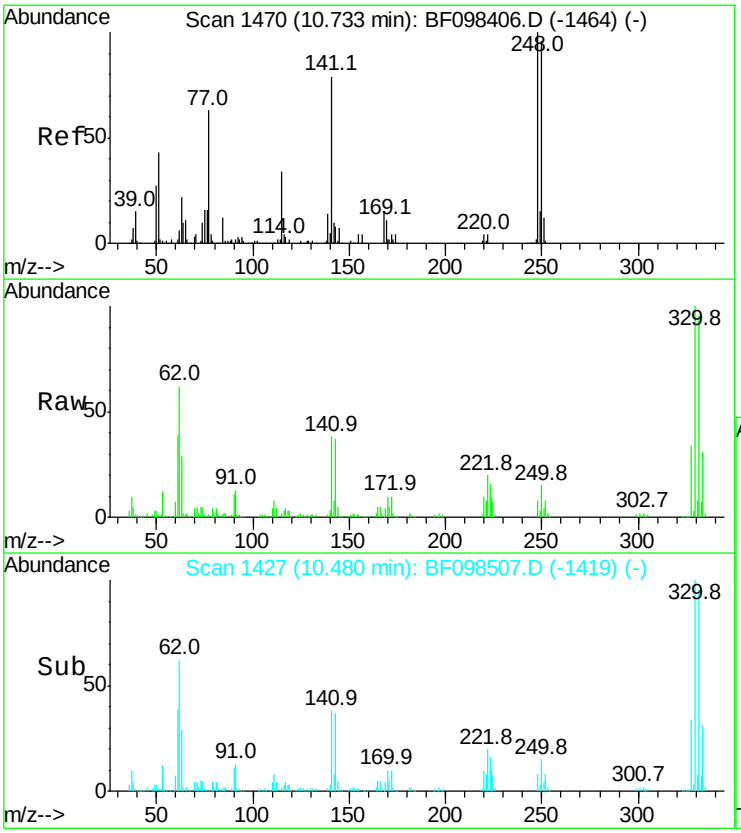
#64
4,6-Dinitro-2-methylphenol
Concen: 5.073 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.17 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	389.1	53.2	93.2#
105	367.7	45.8	85.8#

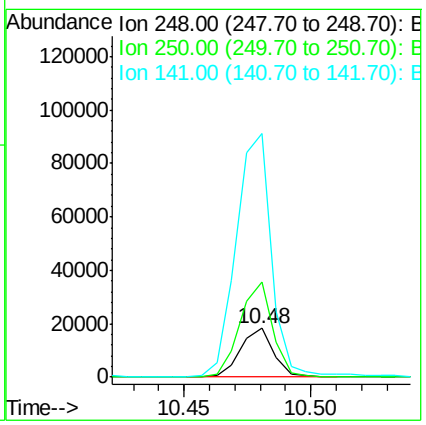


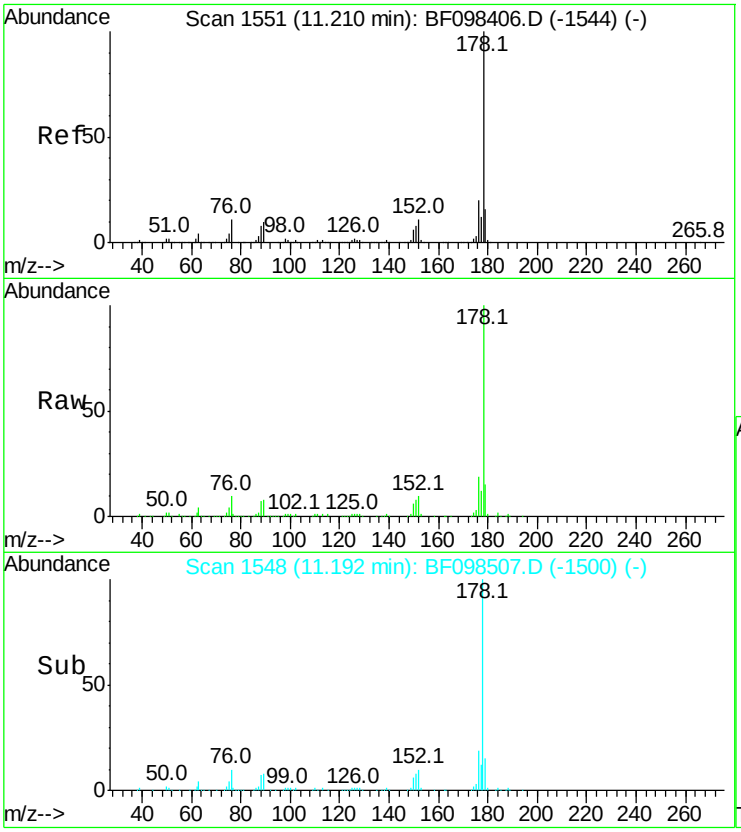


#66
4-Bromophenyl-phenylether
Concen: 4.205 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:248 Resp: 16358

Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.8	115.2#
141	500.1	68.6	103.0#



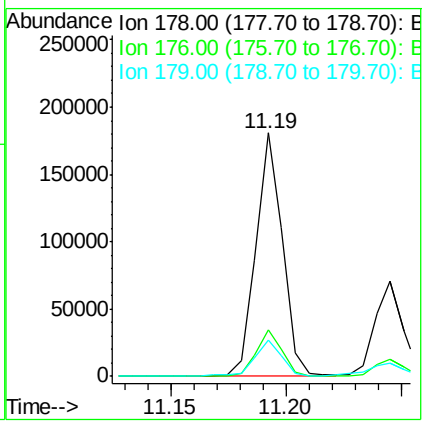


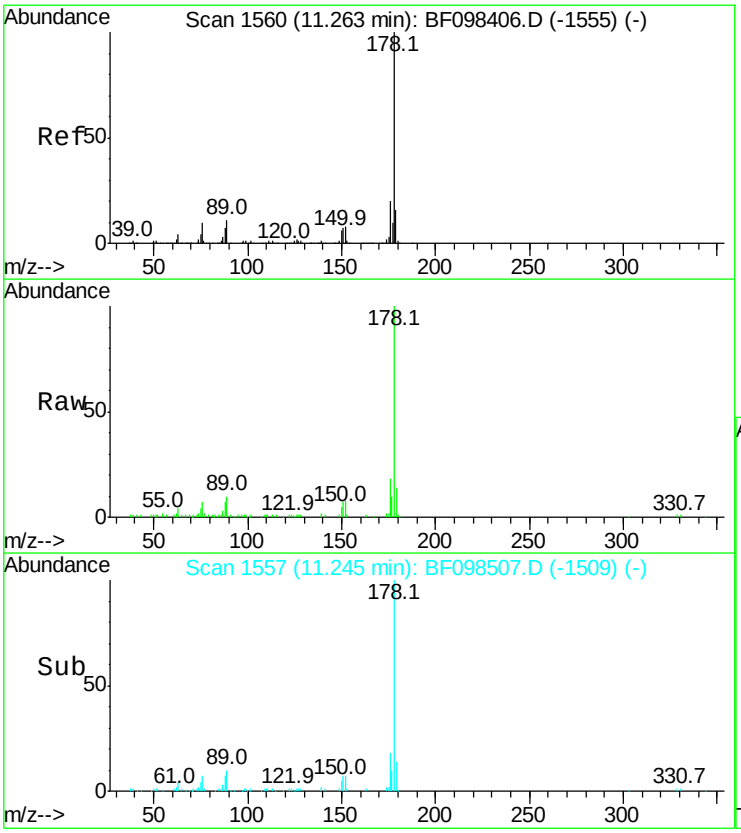
#70
Phenanthrene
Concen: 6.703 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 145669

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.1	12.6	19.0

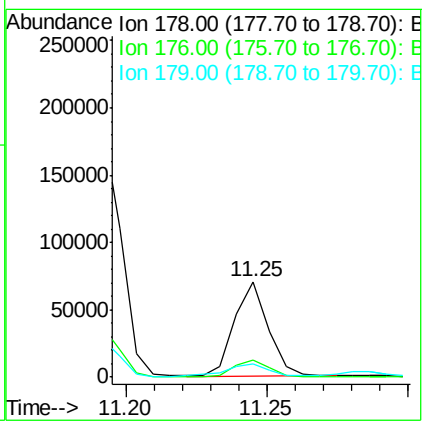


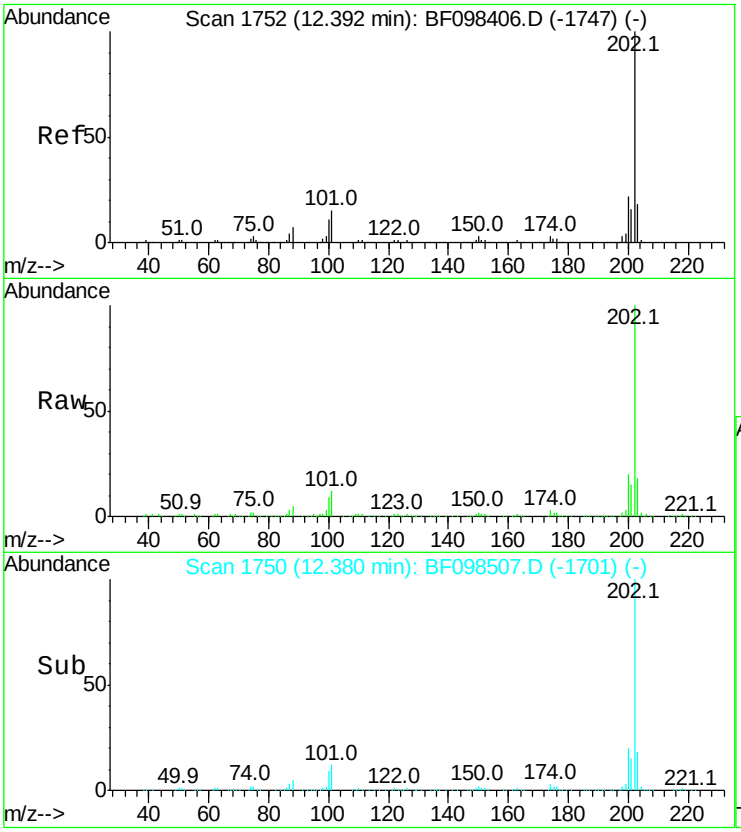


#71
Anthracene
Concen: 2.613 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:178 Resp: 58306

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.4	12.7	19.1



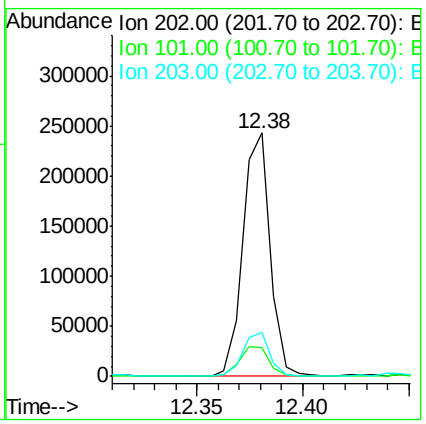


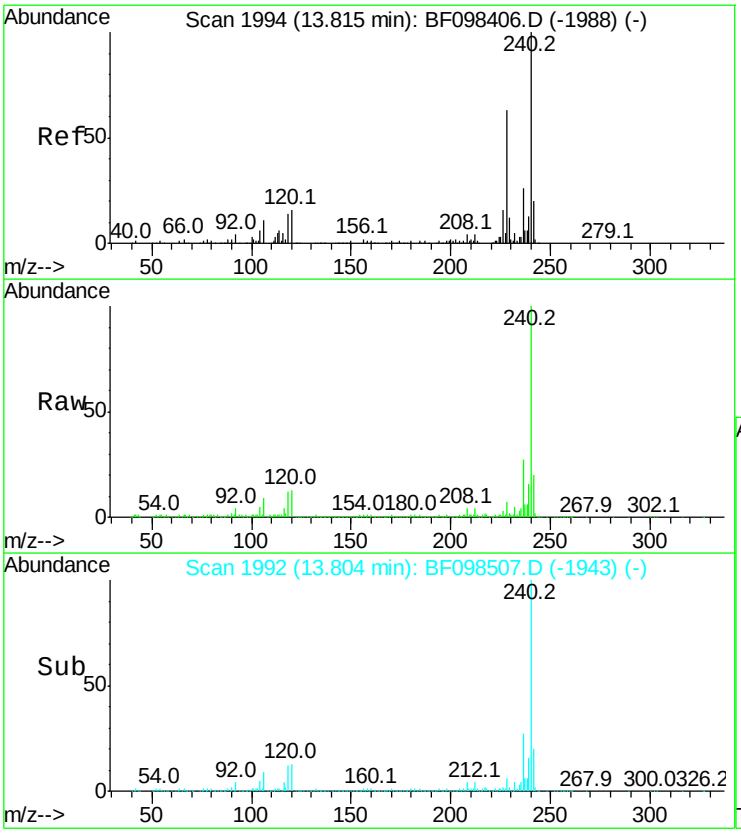
#74
Fluoranthene
Concen: 9.914 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 215674

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.2
203	18.0	0.0	38.1

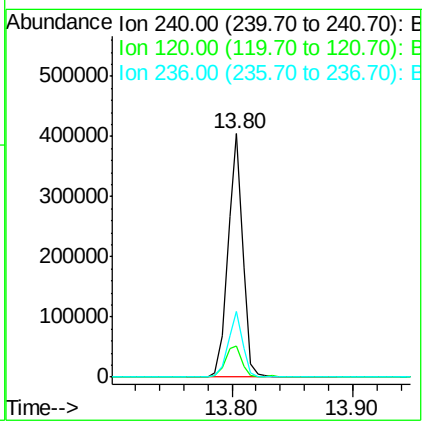


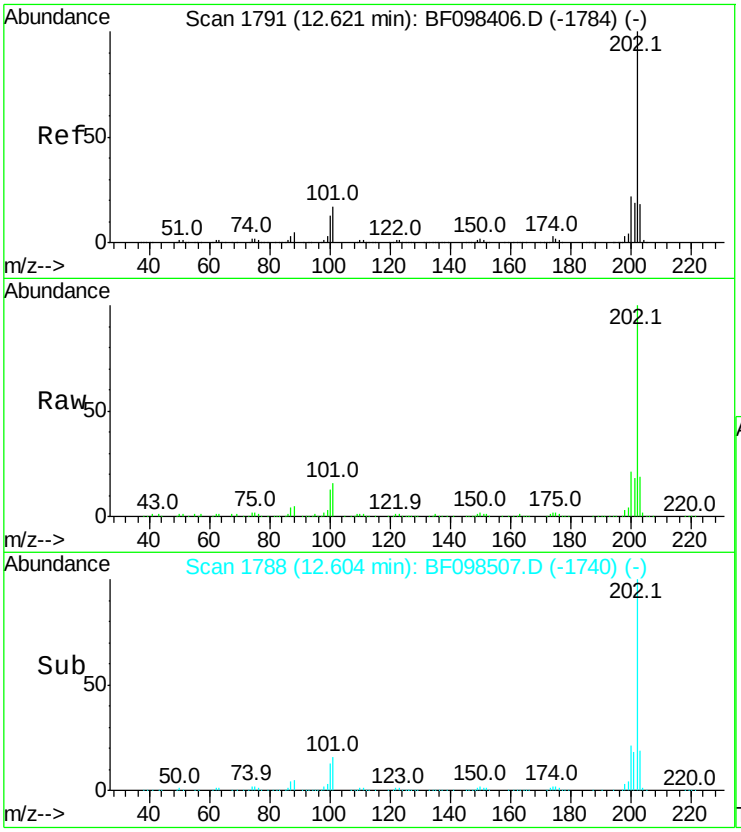


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:240 Resp: 340252

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	27.2	20.5	30.7



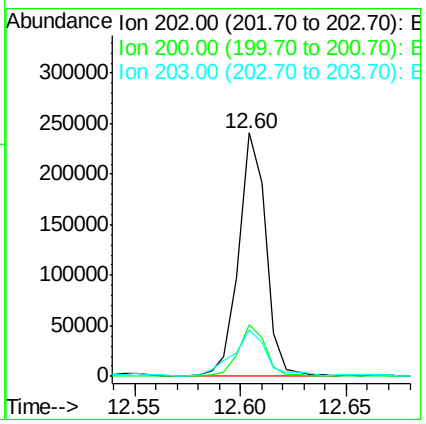


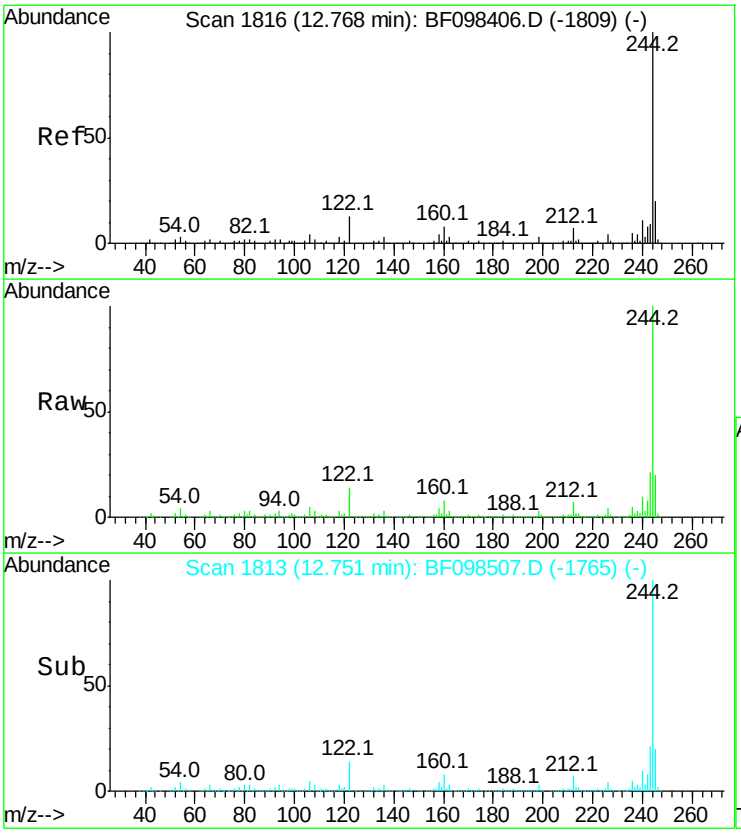
#77
Pyrene
Concen: 7.953 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 213466

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.9	14.4	21.6

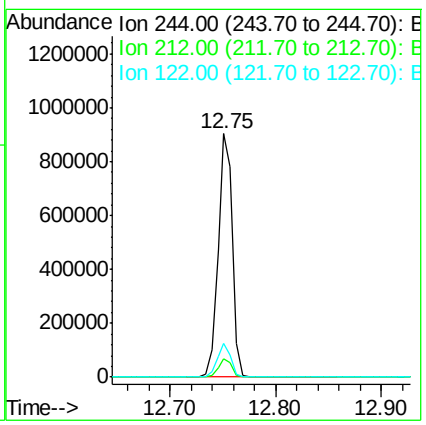


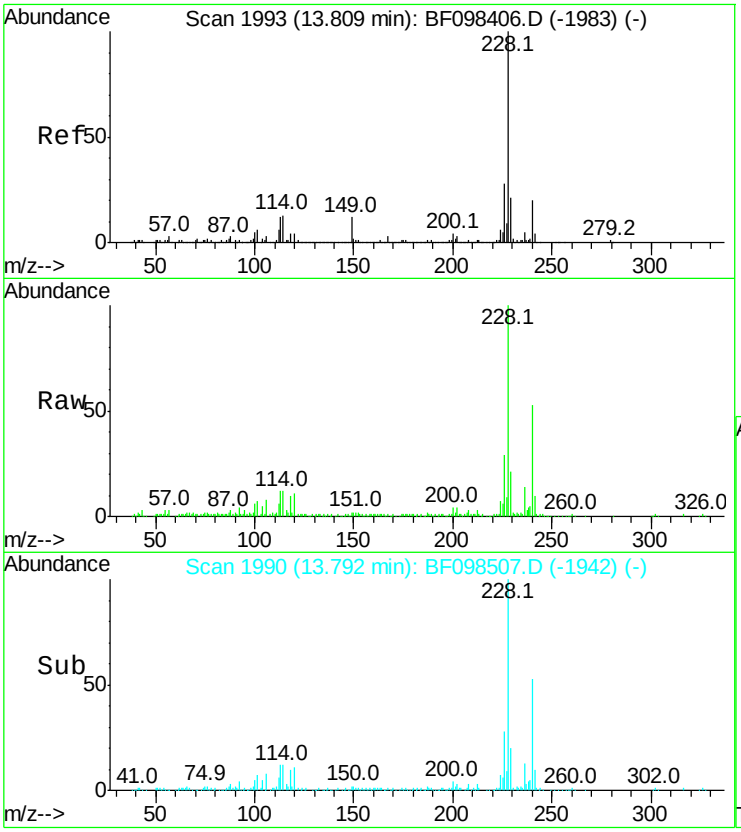


#78
Terphenyl-d14
Concen: 54.035 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:244 Resp: 851789

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.0	10.3	15.5



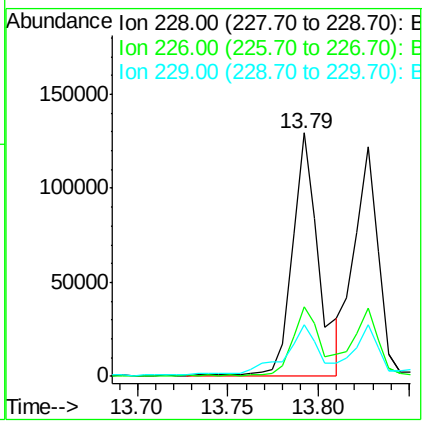


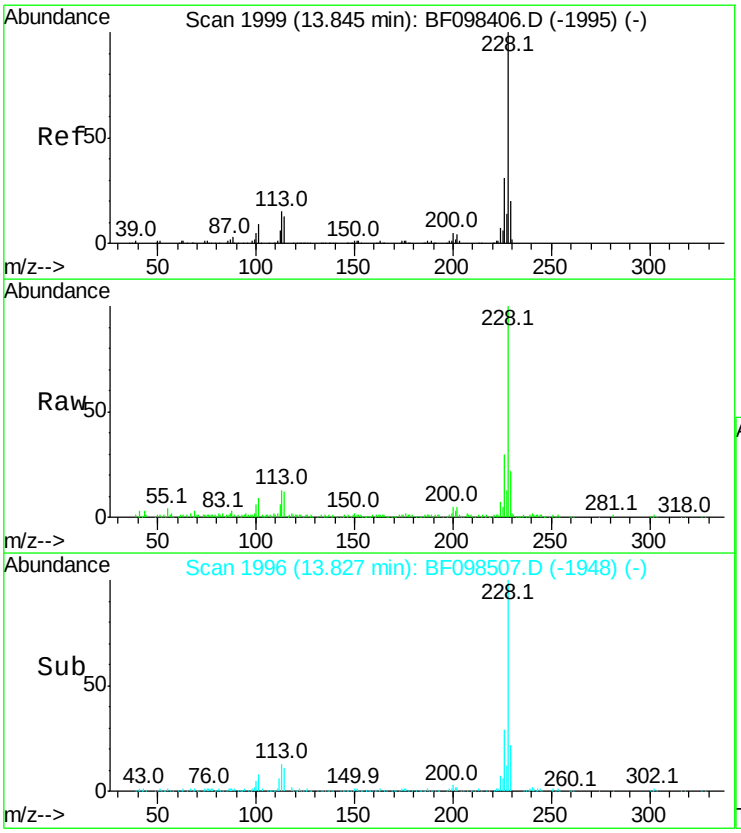
#80
Benzo(a)anthracene
Concen: 6.536 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 130377

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.0	16.3	24.5

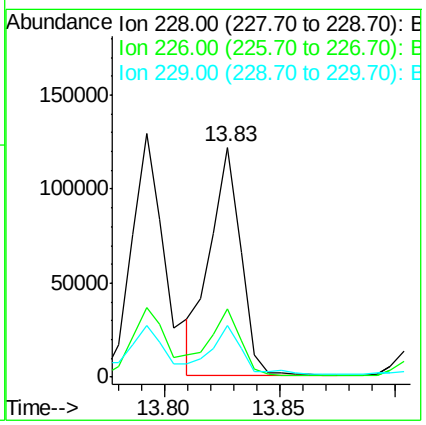


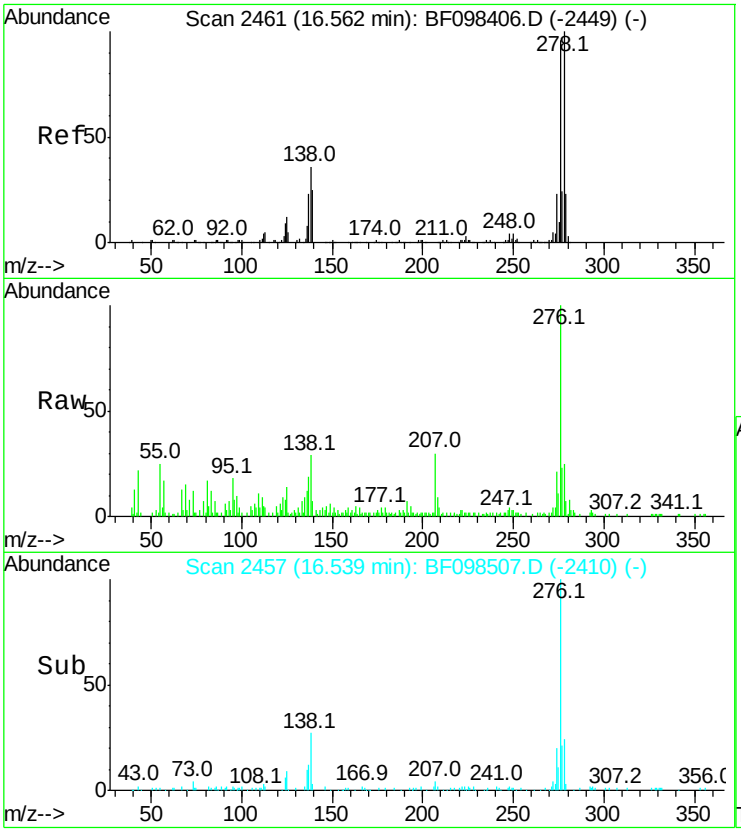


#82
Chrysene
Concen: 5.593 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:228 Resp: 112775

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	22.5	15.8	23.6



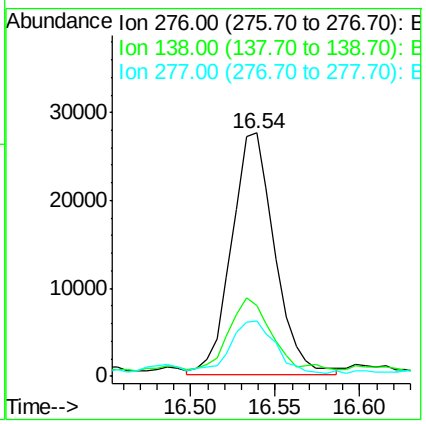


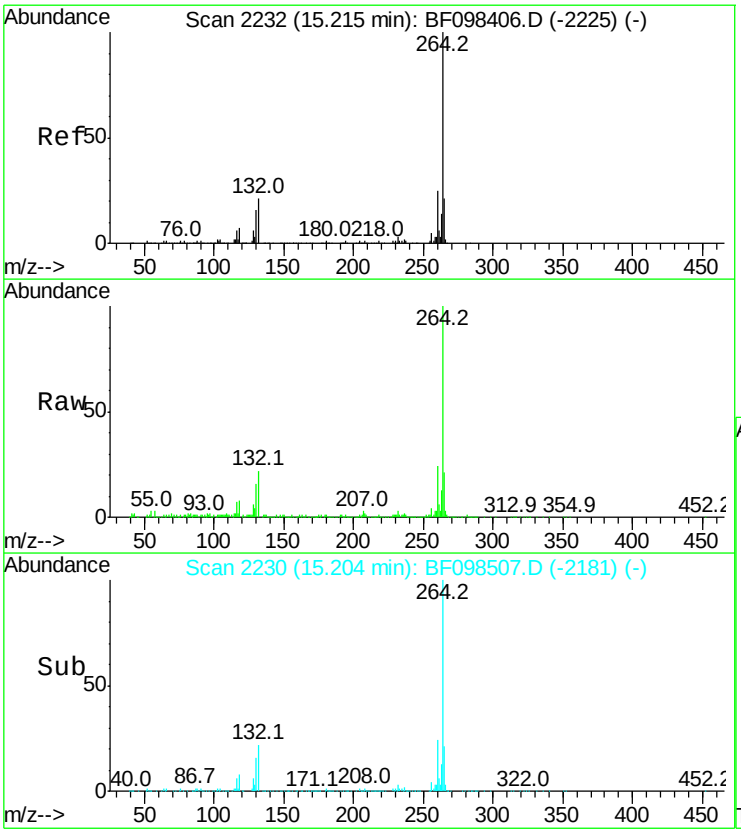
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.472 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49123

Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	22.1	20.2	30.4

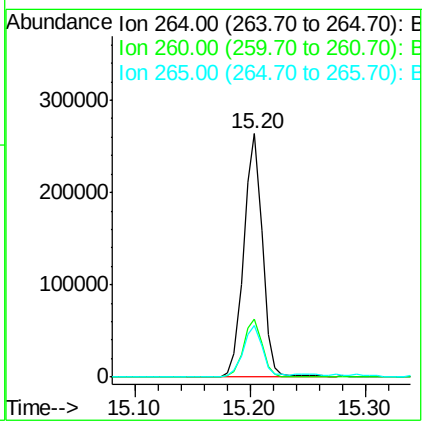


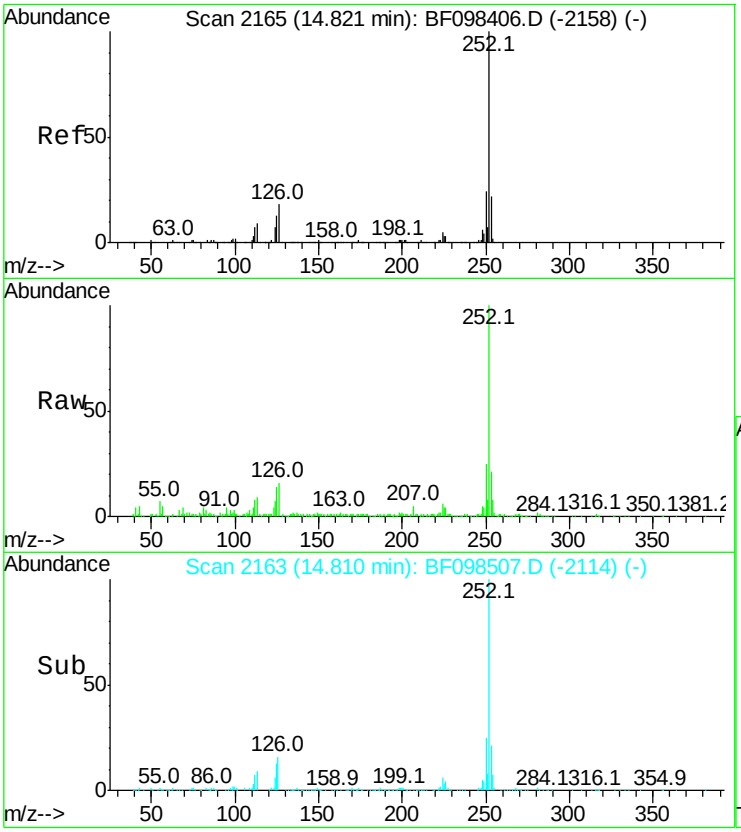


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:264 Resp: 295622

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.2	17.2	25.8



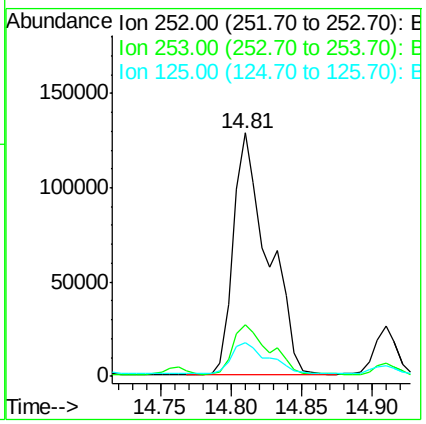


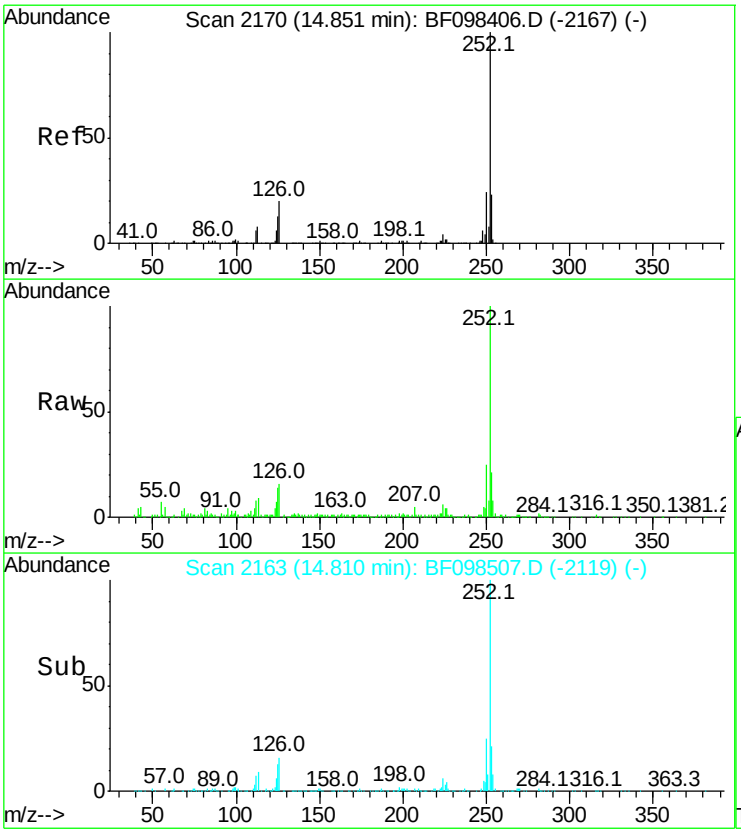
#87
Benzo(b)fluoranthene
Concen: 11.856 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 220382

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	14.1	9.8	14.8

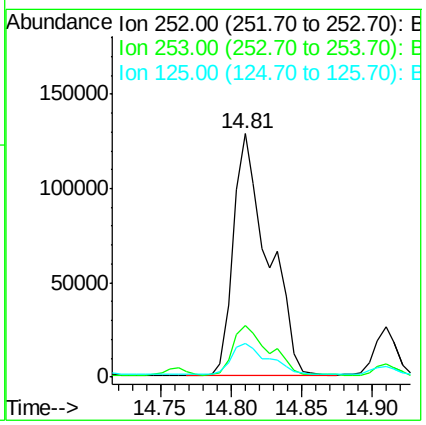


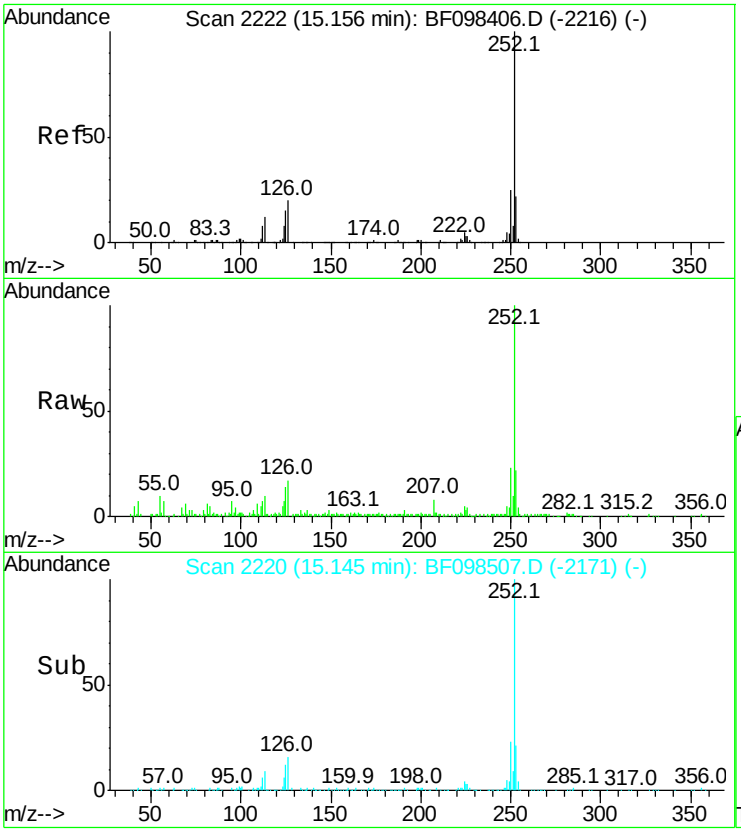


#88
Benzo(k)fluoranthene
Concen: 12.700 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:252 Resp: 220382

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	14.1	13.1	19.7



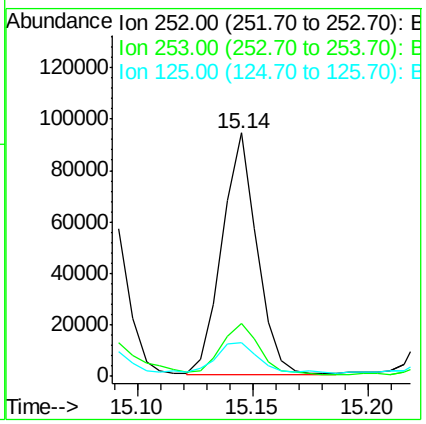


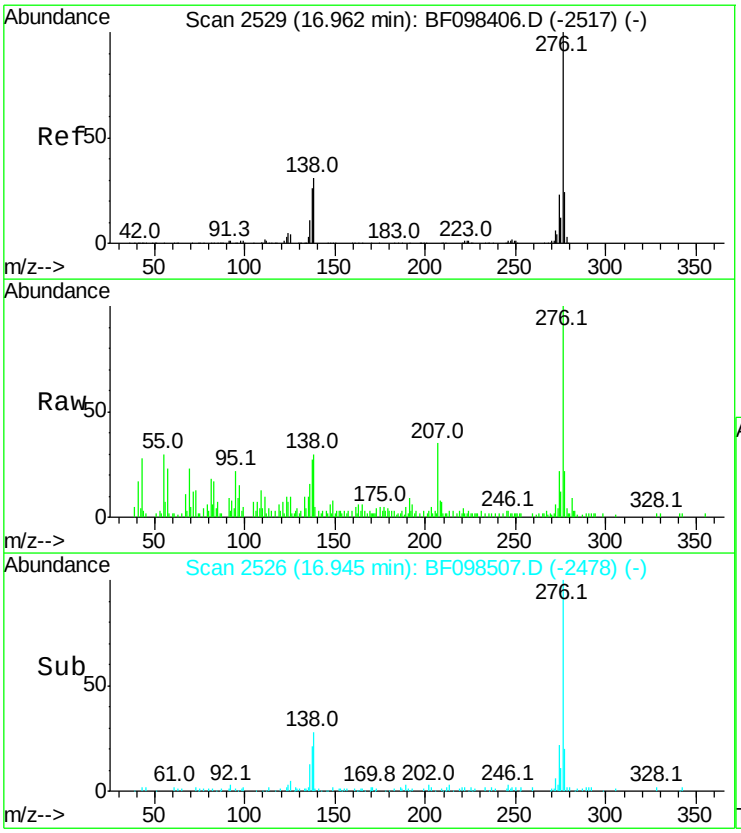
#89
Benzo(a)pyrene
Concen: 6.019 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 99670

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.614 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF098507.D
Acq: 13 Sep 2017 23:32

Tgt Ion:276 Resp: 43792

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	30.4	25.4	38.0