Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098498.D
Acq On : 13 Sep 2017 19:17
Operator : SJ/JU
Sample : I5182-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 05:05:37 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	174411	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	712565	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	301678	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	482354	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	322176	20.00	ng		-0.01
86) Perylene-d12	15.20	264	328291	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1102224	93.44	ng		-0.01
7) Phenol-d6	6.31	99	1383064	92.34	ng		-0.01
23) Nitrobenzene-d5	7.23	82	867187	67.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	216886	107.72	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1345244	75.58	ng		-0.02
78) Terphenyl-d14	12.75	244	820503	54.97	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.32	94	54564	3.136	ng		88
19) n-Nitroso-di-n-propylamine	7.23	70	114926	12.199	ng	#	78
25) Isophorone	7.23	82	856420	33.117	ng	#	67
32) Benzoic acid	7.75	122	708	8.048	ng	#	73
49) Dimethylphthalate	9.41	163	185692	7.952	ng		100
56) 2,4-Dinitrotoluene	9.69	165	40626	6.966	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.47	198	677	5.169	ng	#	1
66) 4-Bromophenyl-phenylether	10.48	248	16274	3.555	ng	#	1
70) Phenanthrene	11.19	178	603304	23.593	ng		98
71) Anthracene	11.25	178	159606	6.079	ng		97
74) Fluoranthene	12.38	202	904870	35.349	ng		99
77) Pyrene	12.61	202	836195	32.901	ng		98
80) Benzo(a)anthracene	13.79	228	428841	22.704	ng		98
82) Chrysene	13.83	228	372768	19.524	ng		96
85) Indeno(1,2,3-cd)pyrene	16.54	276	174896	13.056	ng		92
87) Benzo(b)fluoranthene	14.81	252	674133	32.658	ng	#	97
88) Benzo(k)fluoranthene	14.81	252	674133	34.982	ng		98
89) Benzo(a)pyrene	15.14	252	355220	19.316	ng		97
90) Dibenzo(a,h)anthracene	16.54	278	44946	3.360	ng	#	74
91) Benzo(g,h,i)perylene	16.94	276	157639	11.716	ng		95

(#) = 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 : BF098498.D
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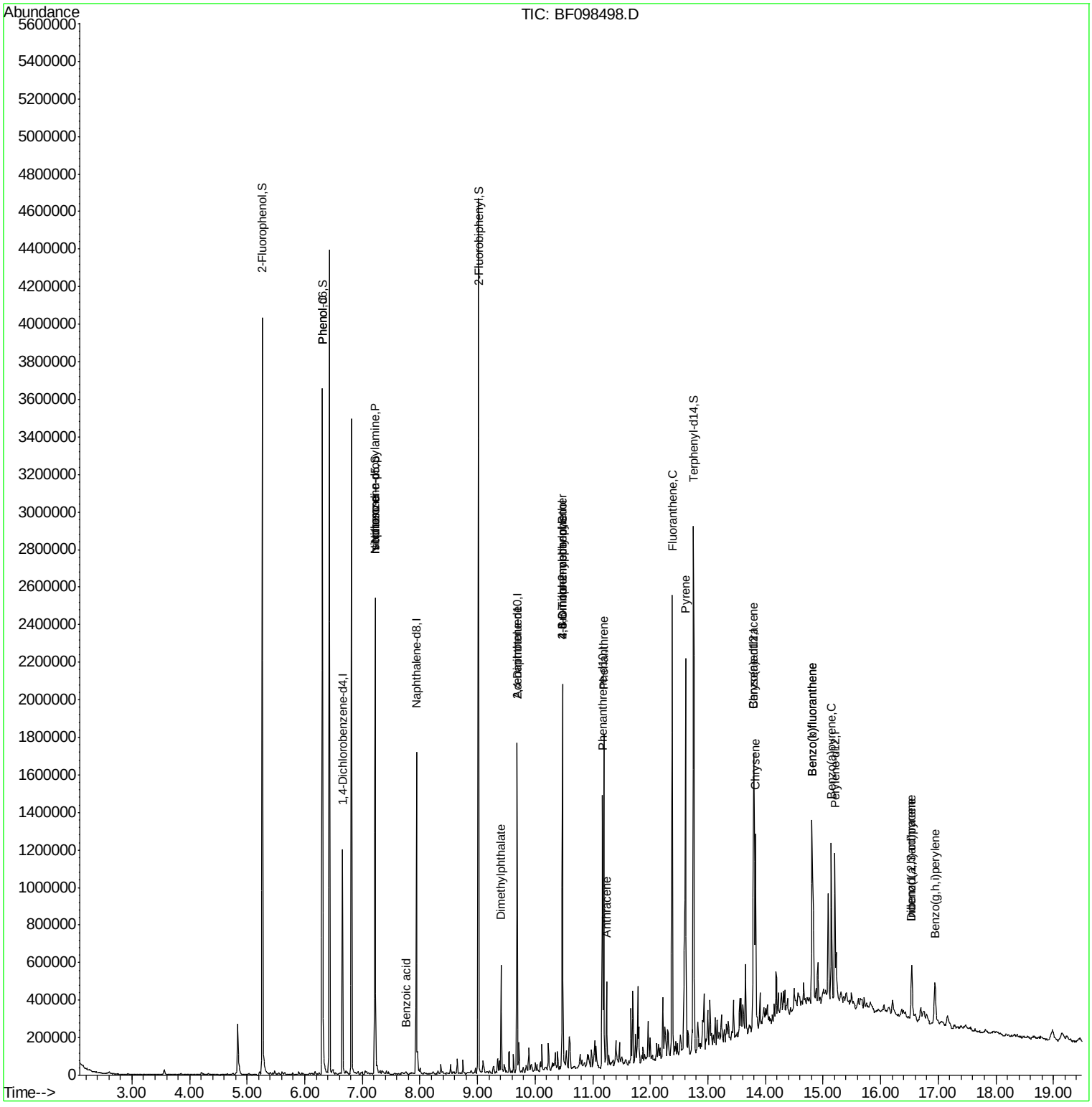
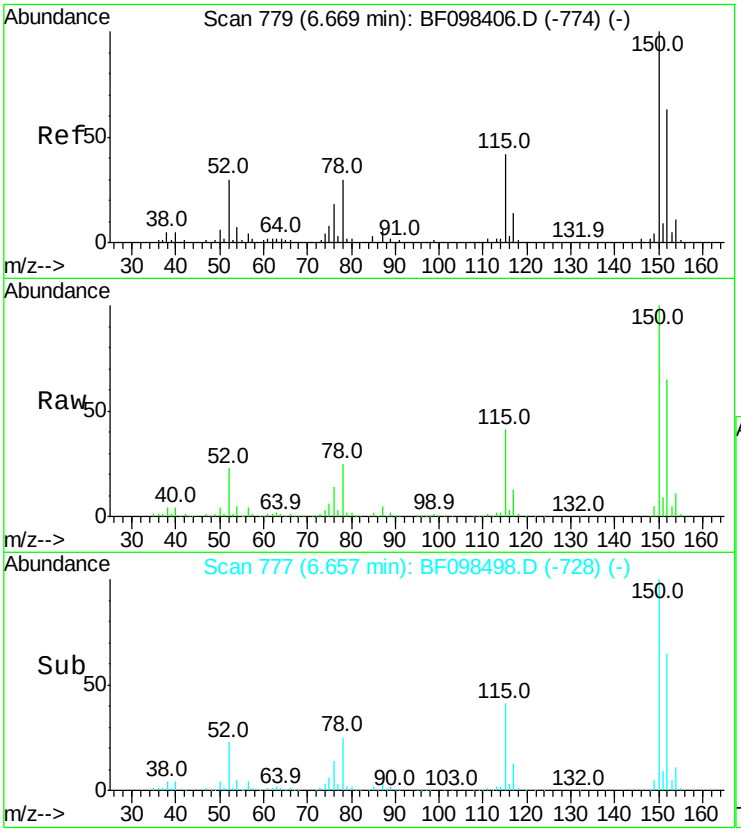


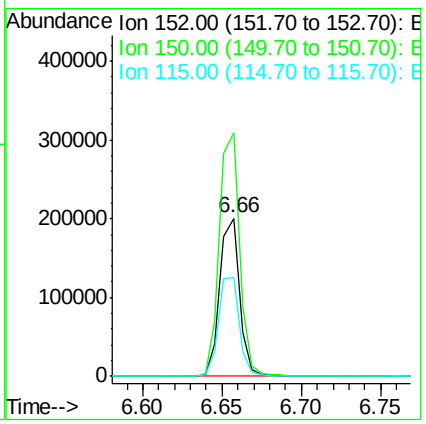


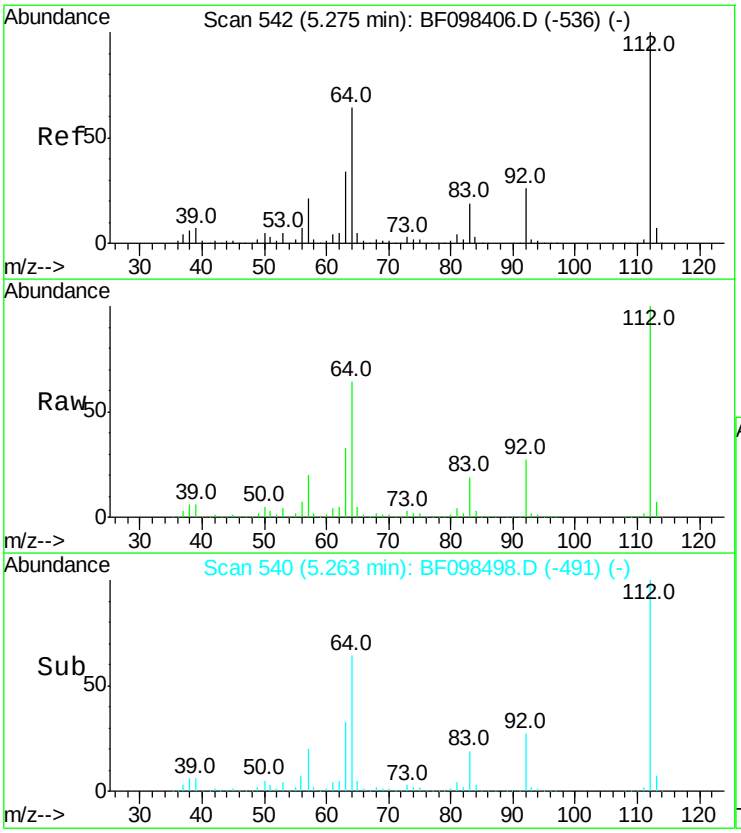
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 174411

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	62.4	52.2	78.2

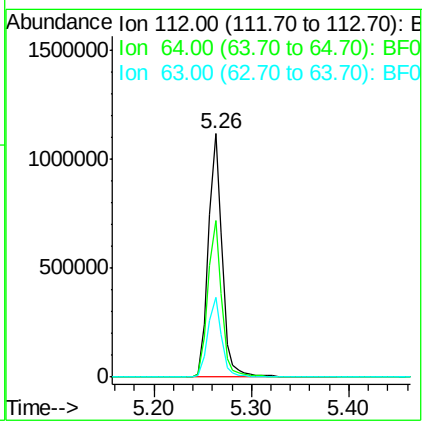


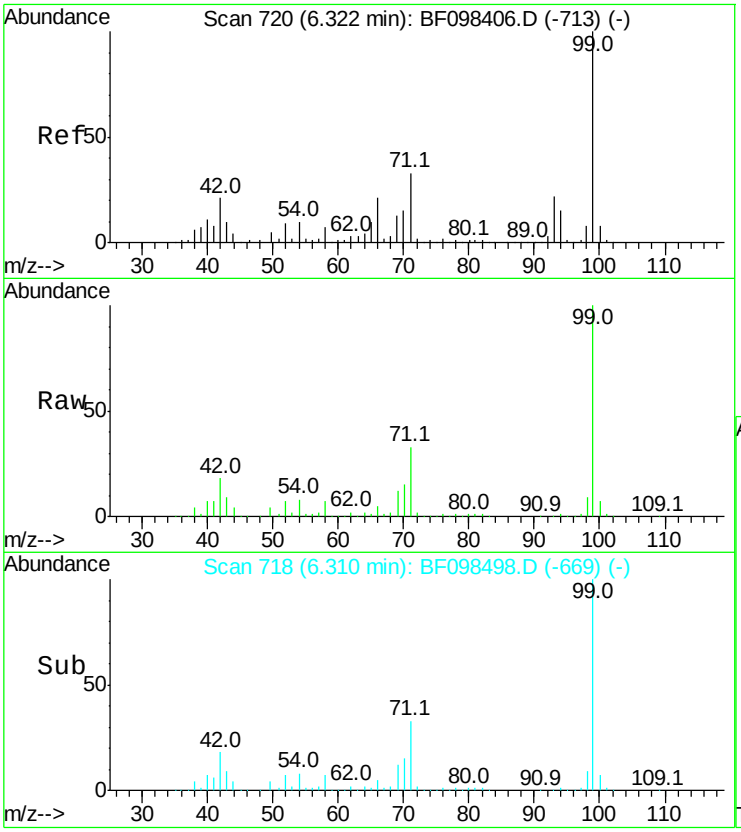


#5
2-Fluorophenol
Concen: 93.438 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:112 Resp: 1102224

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.9	23.4	35.0



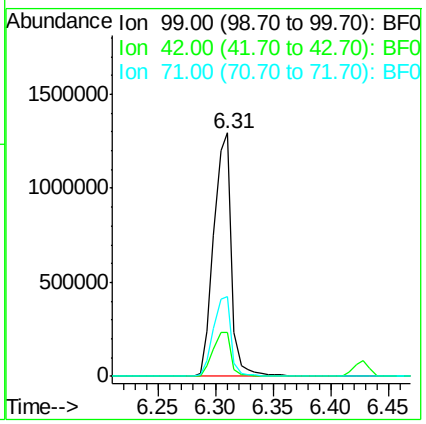


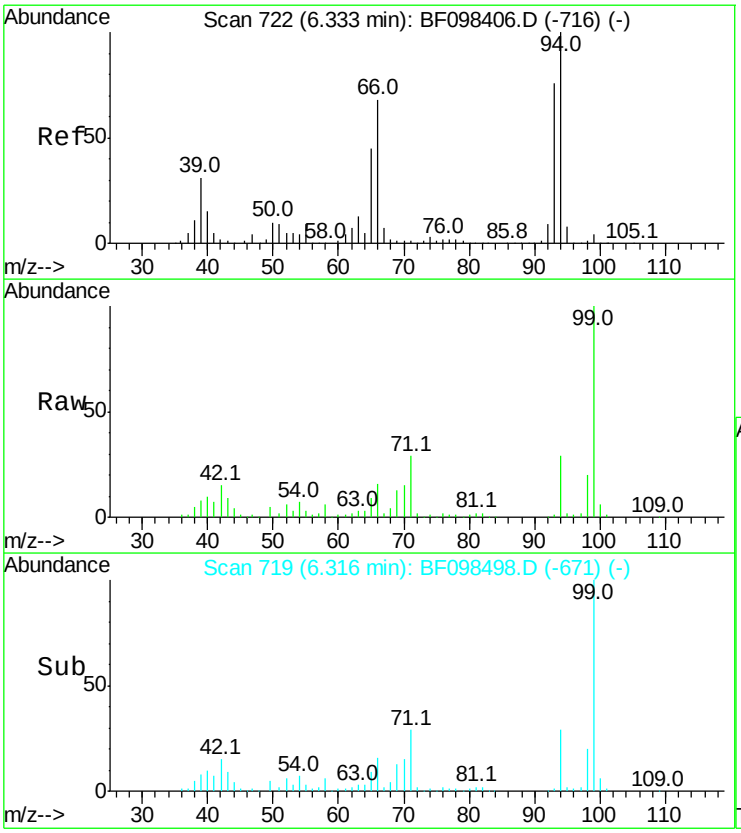
#7
Phenol-d6
Concen: 92.344 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1383064

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	32.8	24.5	36.7

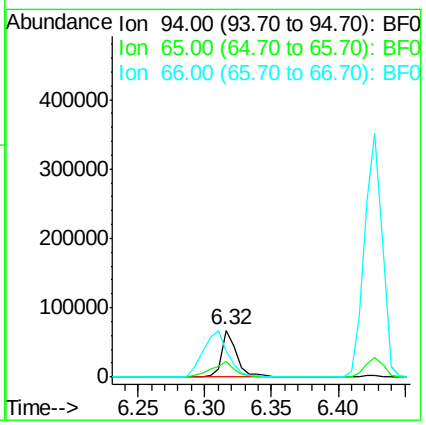


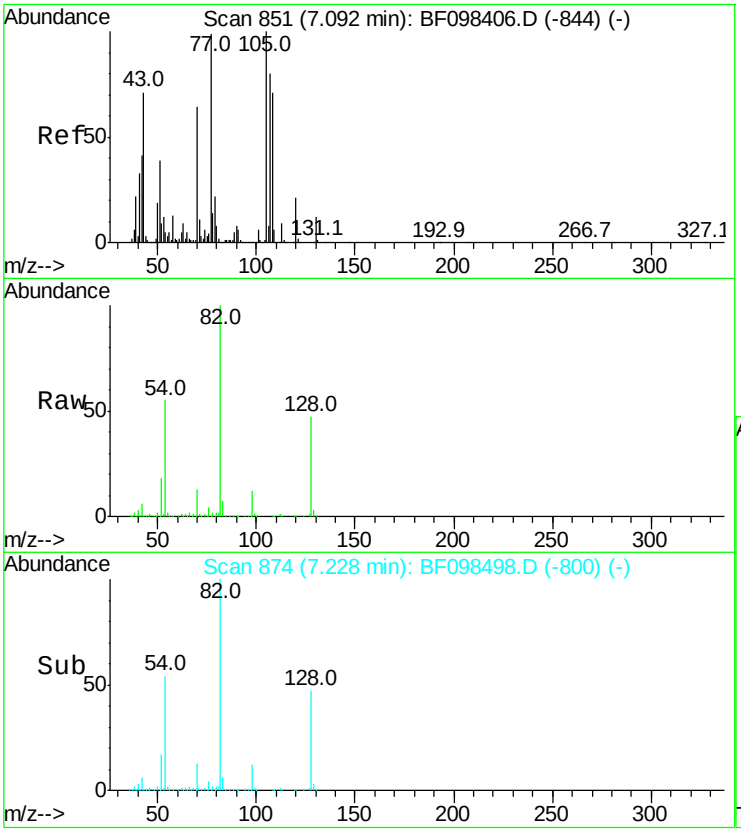


#10
Phenol
Concen: 3.136 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion: 94 Resp: 54564

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	54.2	23.1	63.1



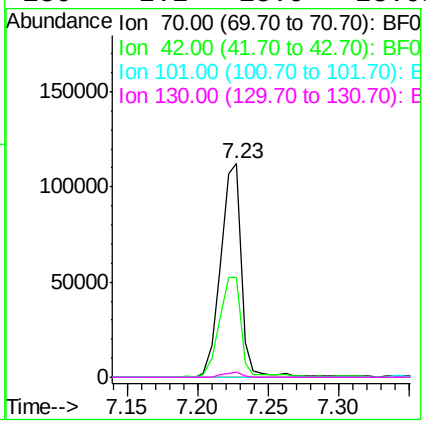


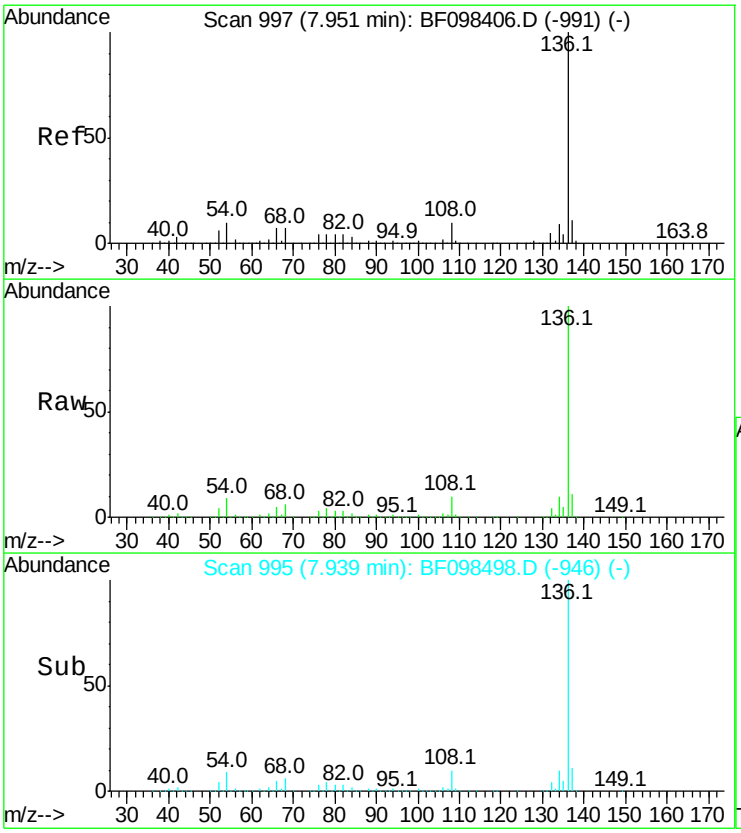
#19
n-Nitroso-di-n-propylamine
Concen: 12.199 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 114926

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

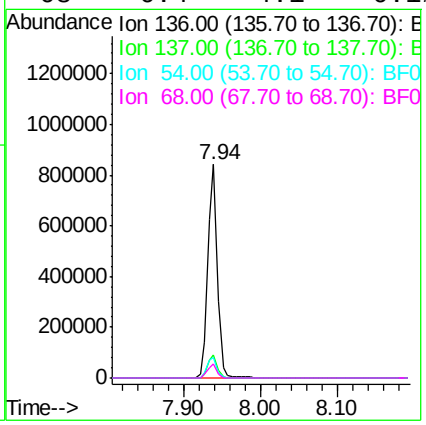


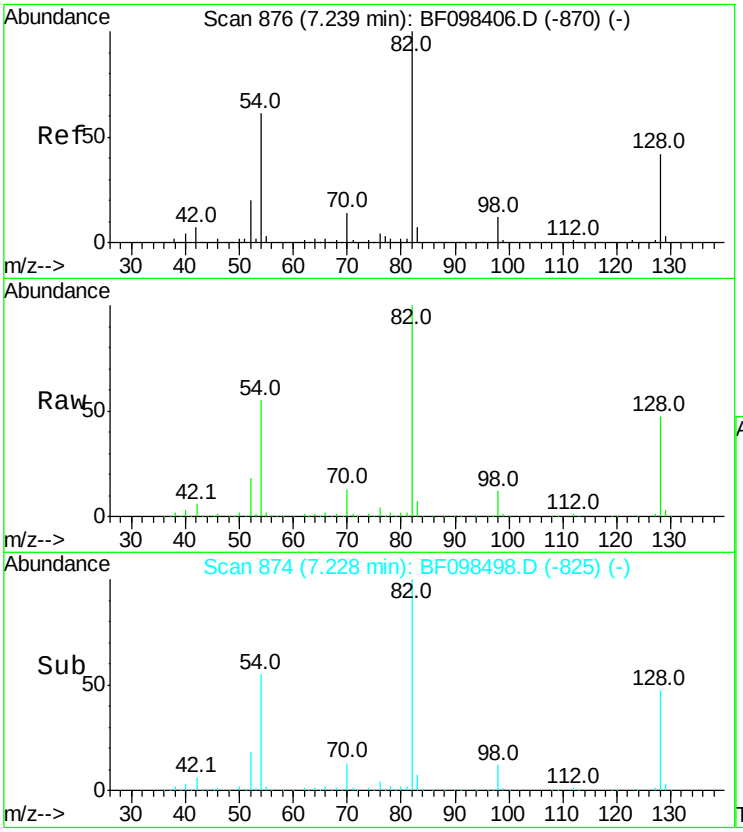


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:136 Resp: 712565

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.4	4.9	7.3#
68	6.4	4.1	6.1#



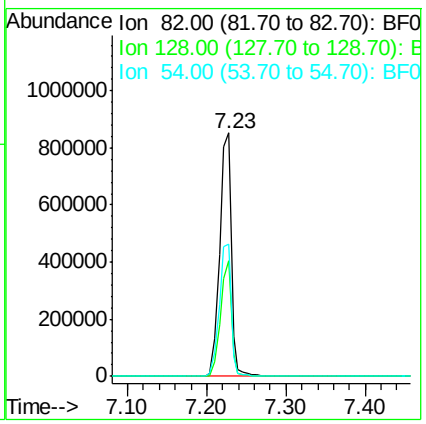


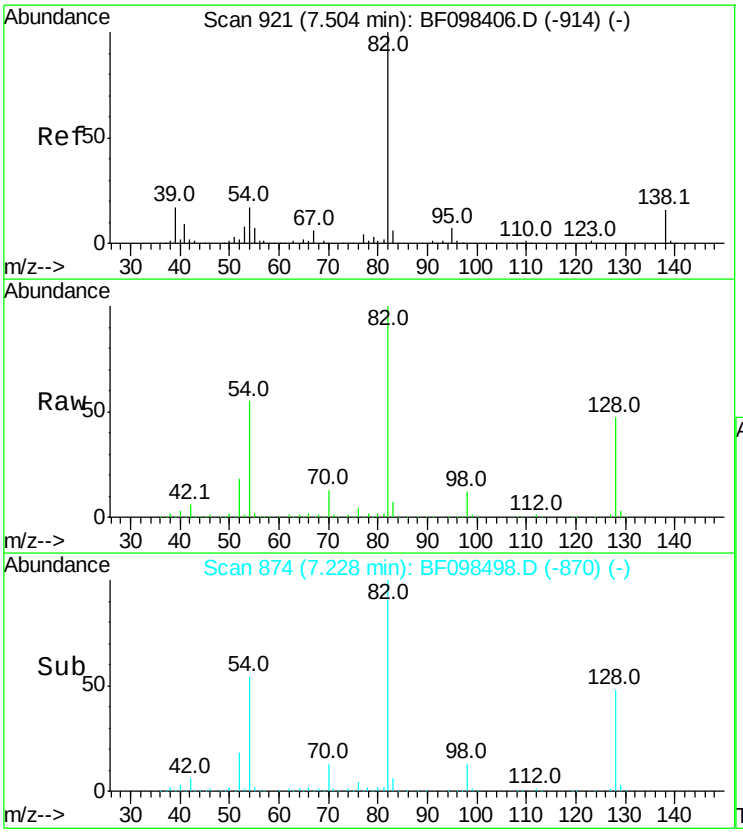
#23
Nitrobenzene-d5
Concen: 67.847 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 867187

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	54.6	42.2	63.2

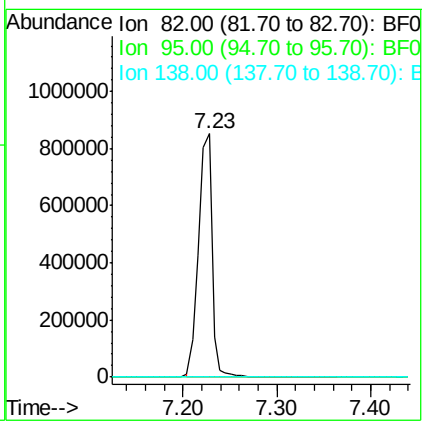


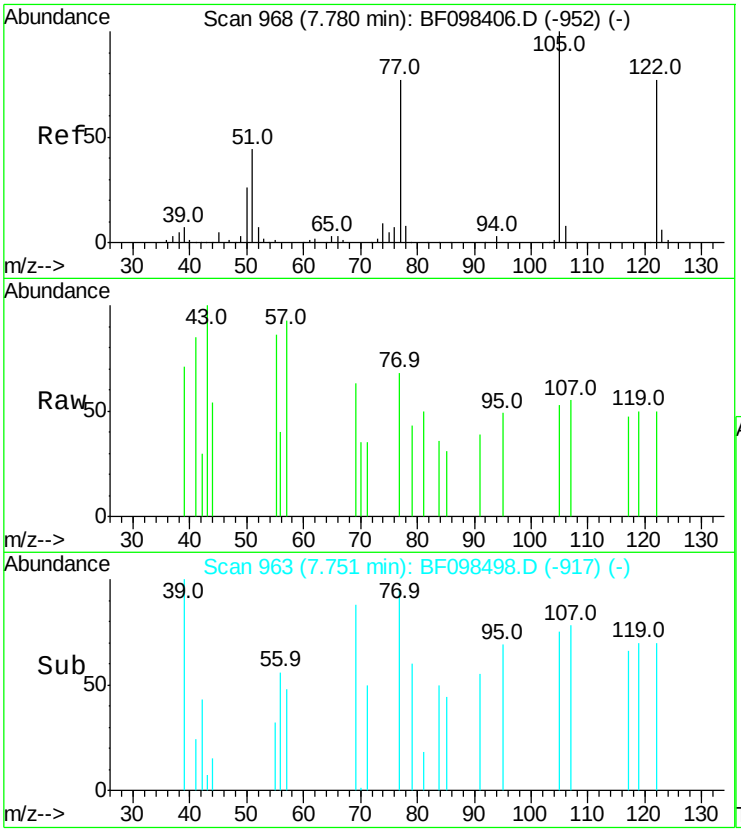


#25
Isophorone
Concen: 33.117 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion: 82 Resp: 856420

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



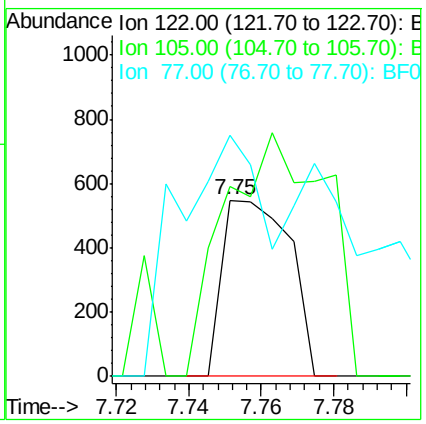


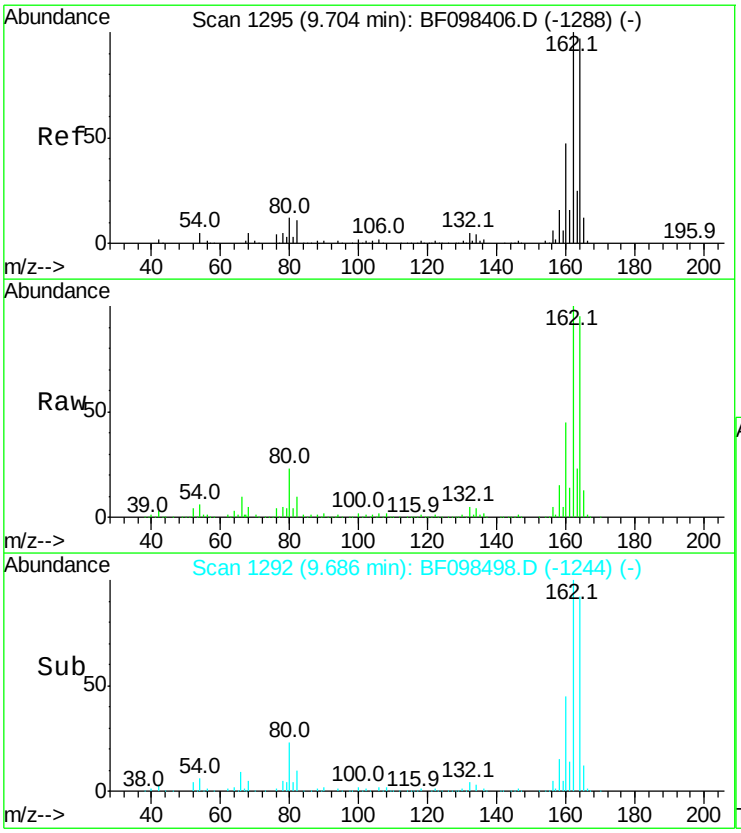
#32
Benzoic acid
Concen: 8.048 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 708

Ion	Ratio	Lower	Upper
122	100		
105	107.3	103.3	143.3
77	136.6	73.7	113.7#

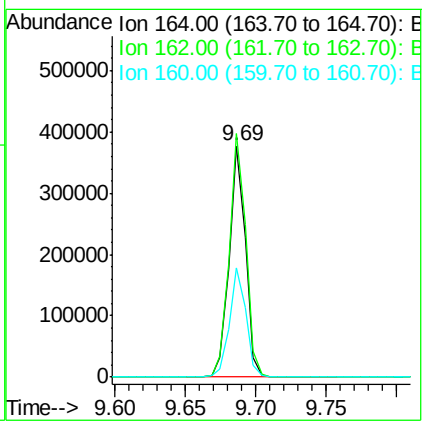


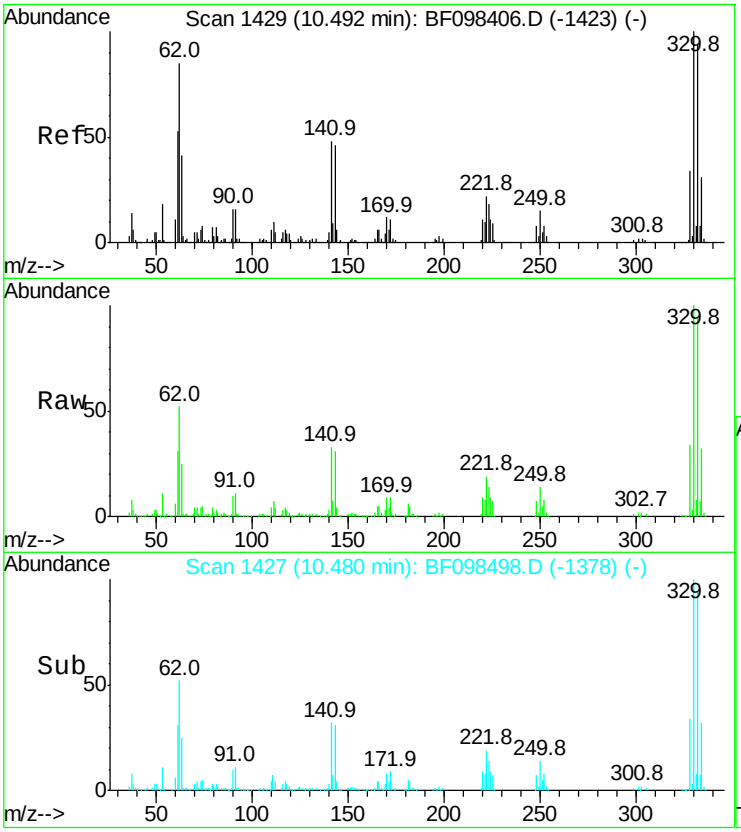


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:164 Resp: 301678

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	47.5	36.2	54.2



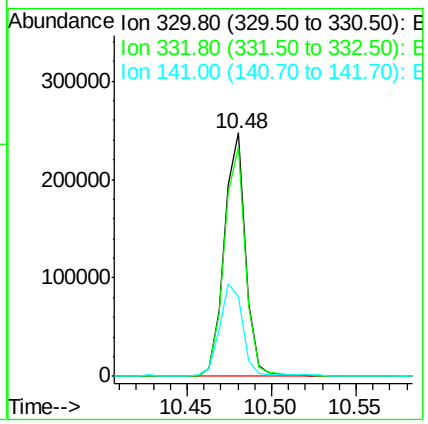


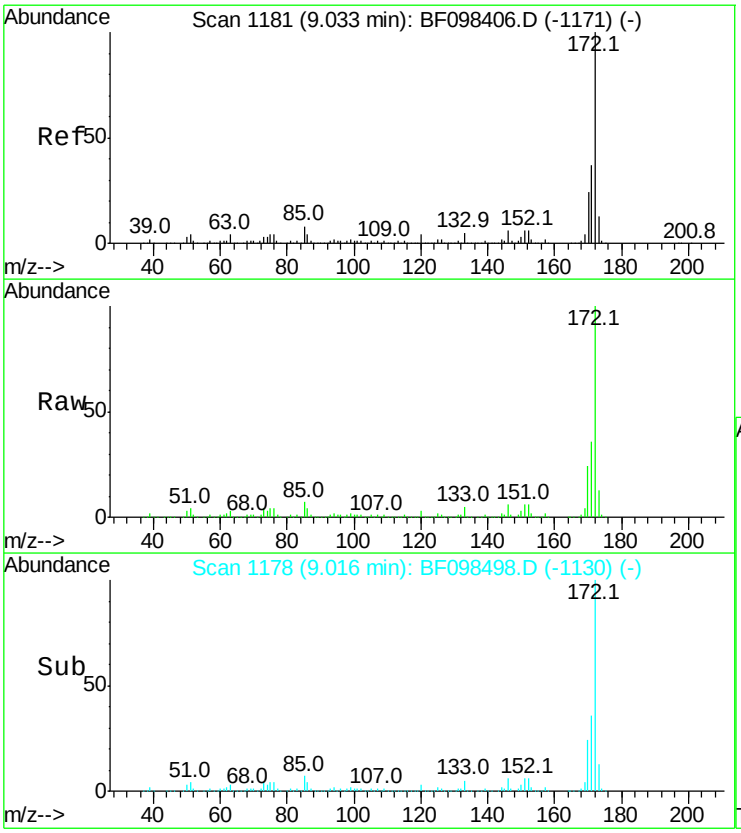
#41
2,4,6-Tribromophenol
Concen: 107.718 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 216886

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	41.8	31.4	47.2

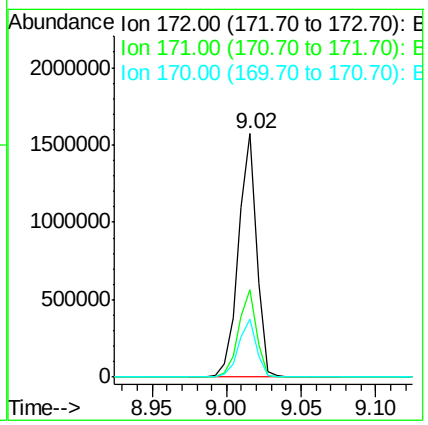


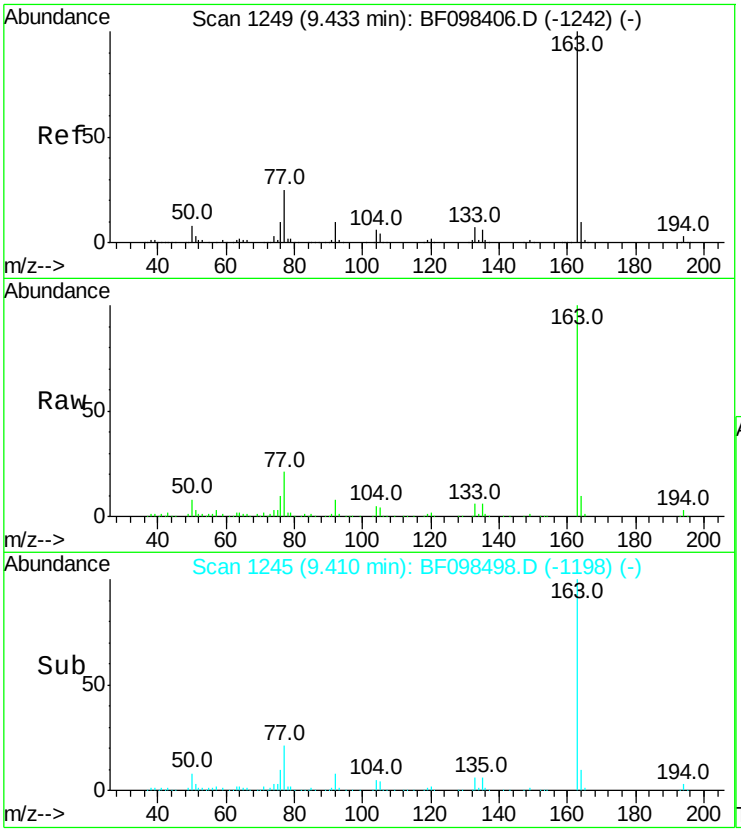


#44
2-Fluorobiphenyl
Concen: 75.580 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:172 Resp: 1345244

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8



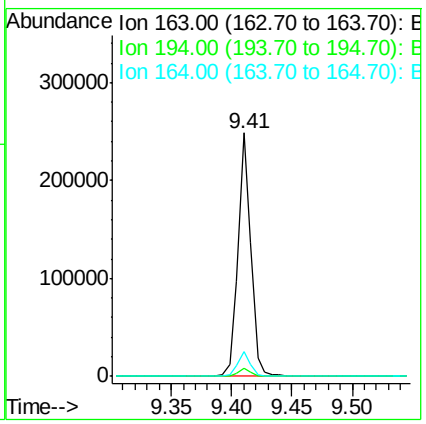


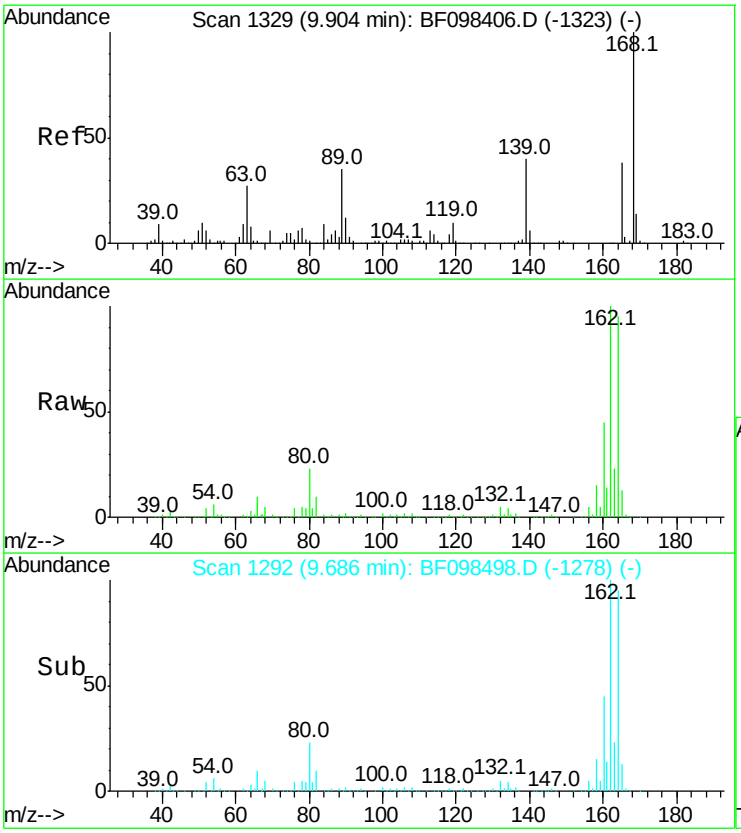
#49
Dimethylphthalate
Concen: 7.952 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 185692

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6

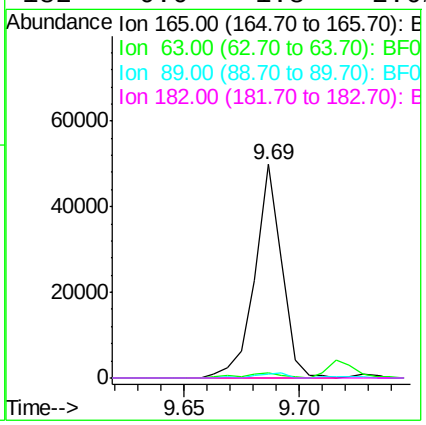


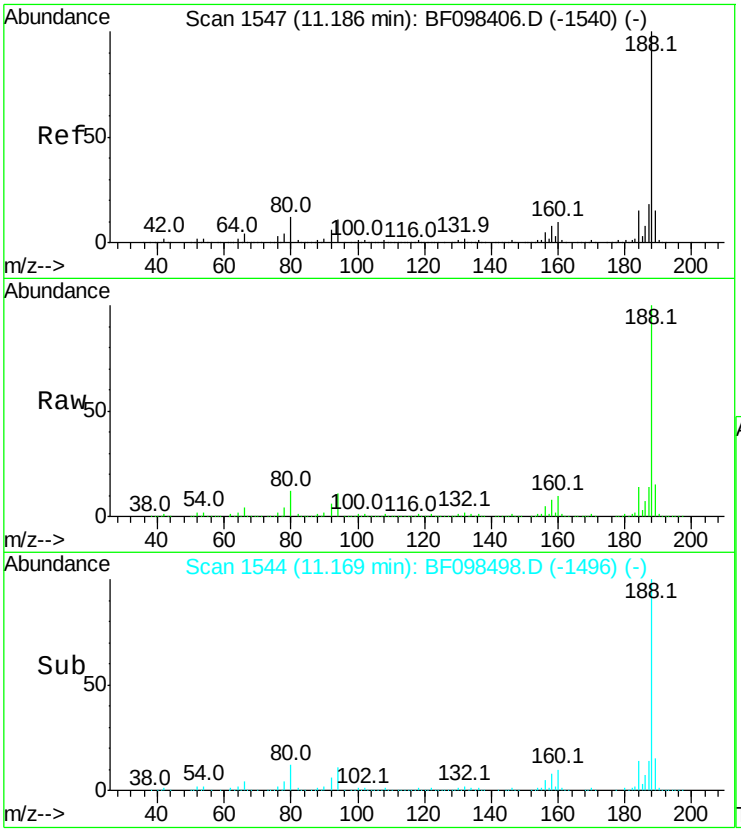


#56
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:165 Resp: 40626

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



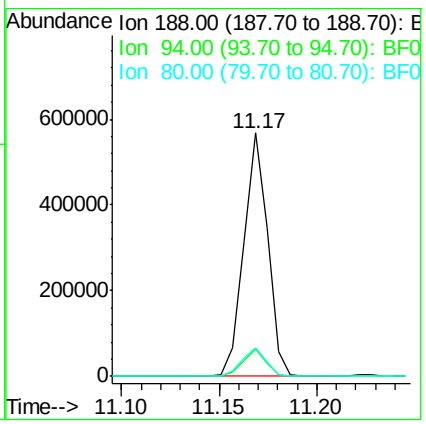


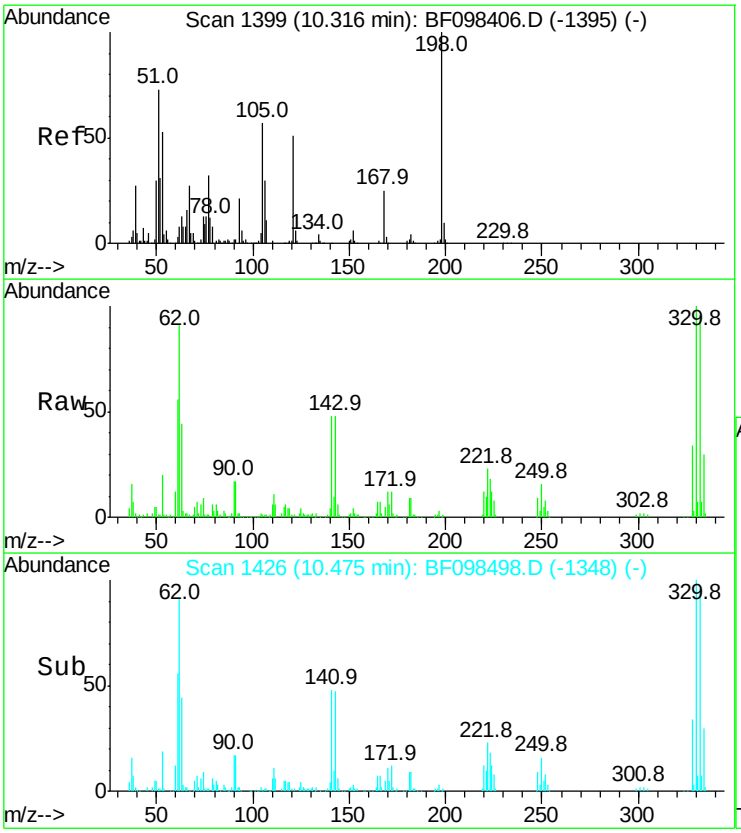
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 482354

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.6	10.2	15.2

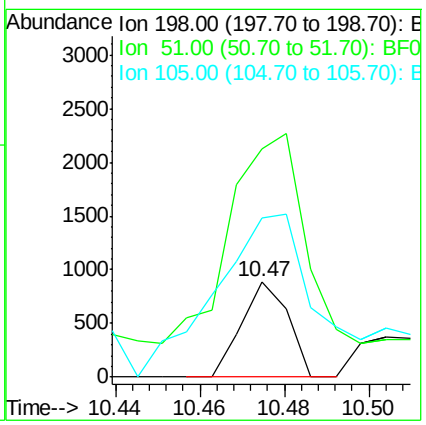


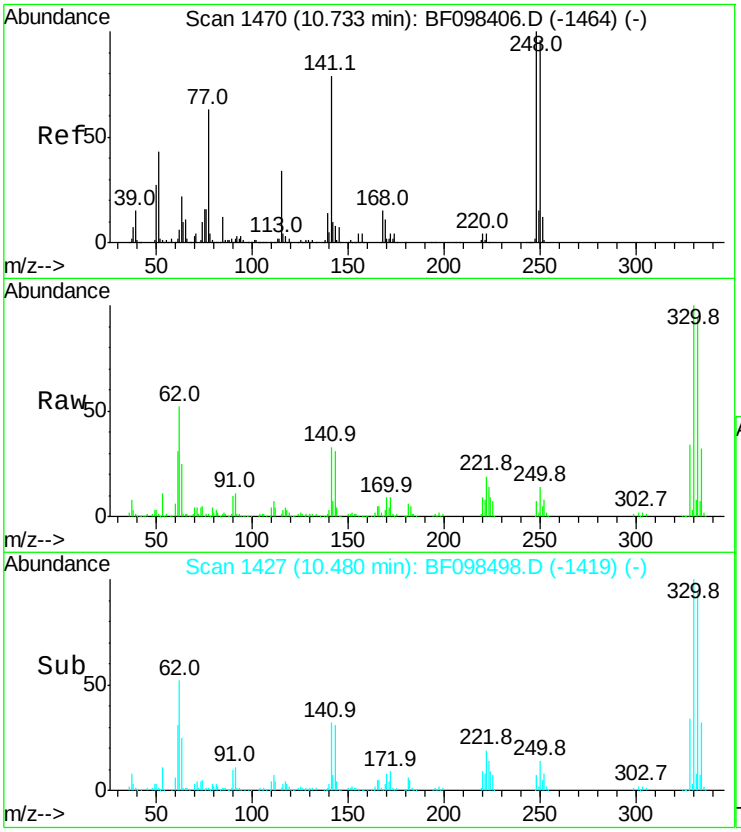


#64
4,6-Dinitro-2-methylphenol
Concen: 5.169 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.16 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:198 Resp: 677

Ion	Ratio	Lower	Upper
198	100		
51	239.7	53.2	93.2#
105	166.9	45.8	85.8#



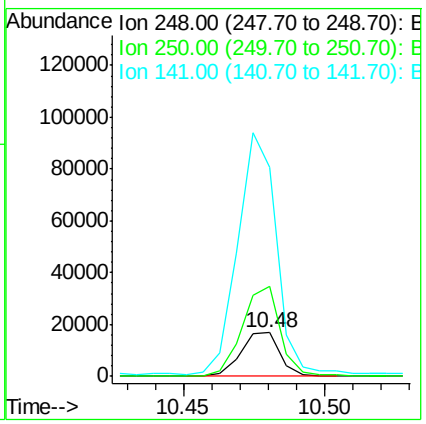


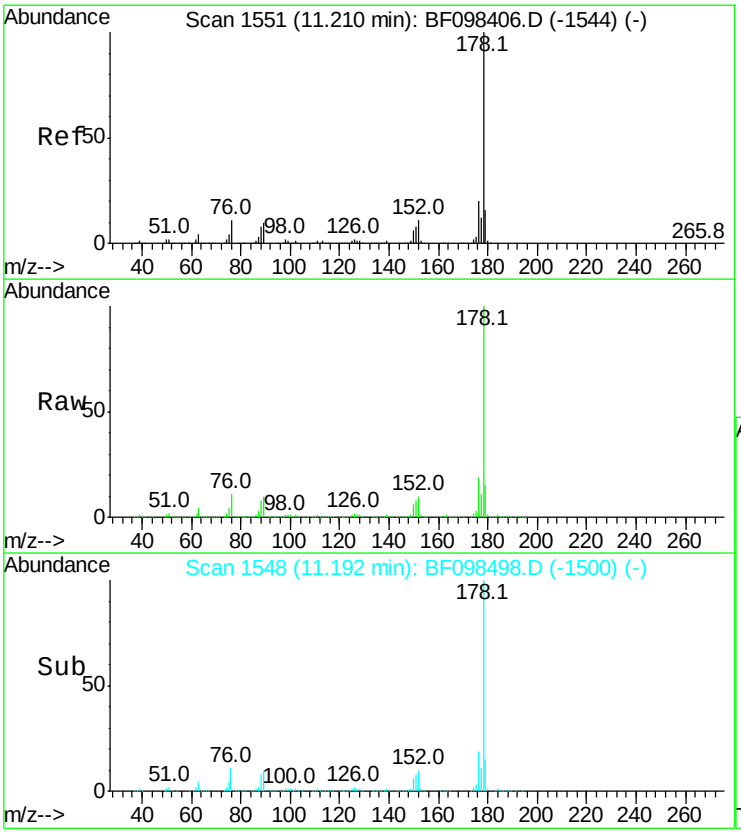
#66
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16274

Ion	Ratio	Lower	Upper
248	100		
250	206.3	76.8	115.2#
141	475.6	68.6	103.0#

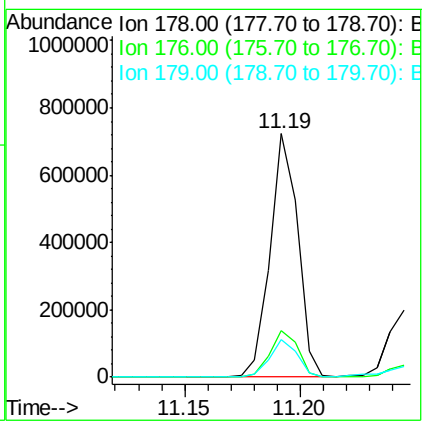


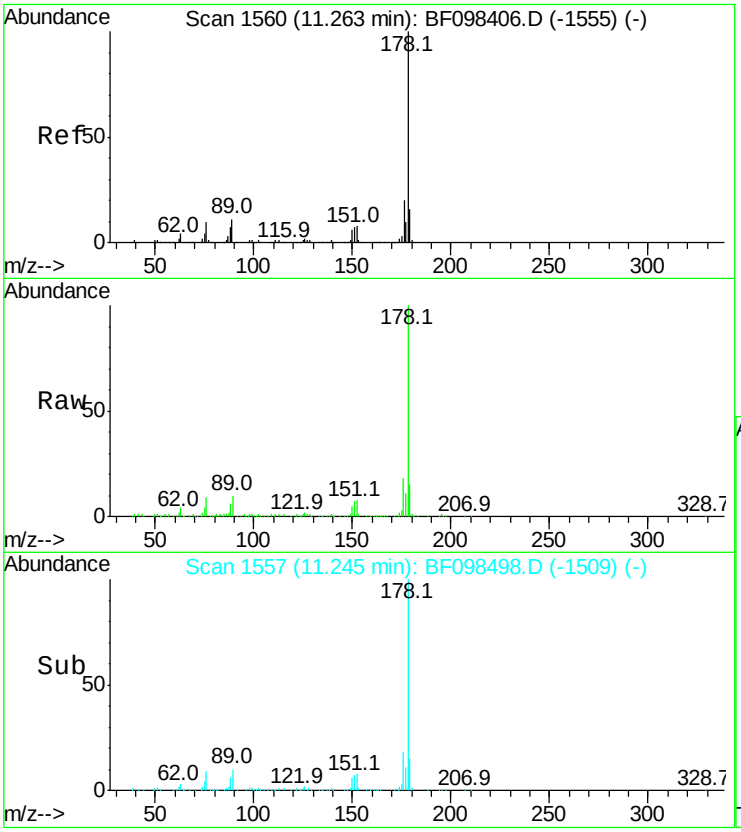


#70
Phenanthrene
Concen: 23.593 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:178 Resp: 603304

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.2	12.6	19.0



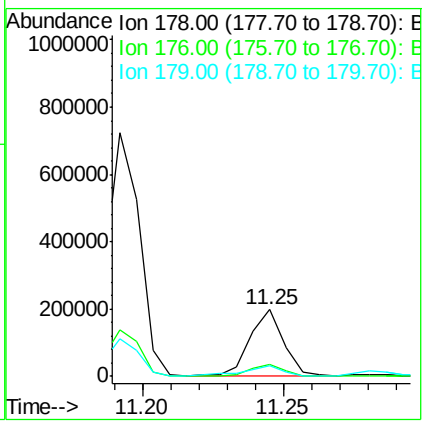


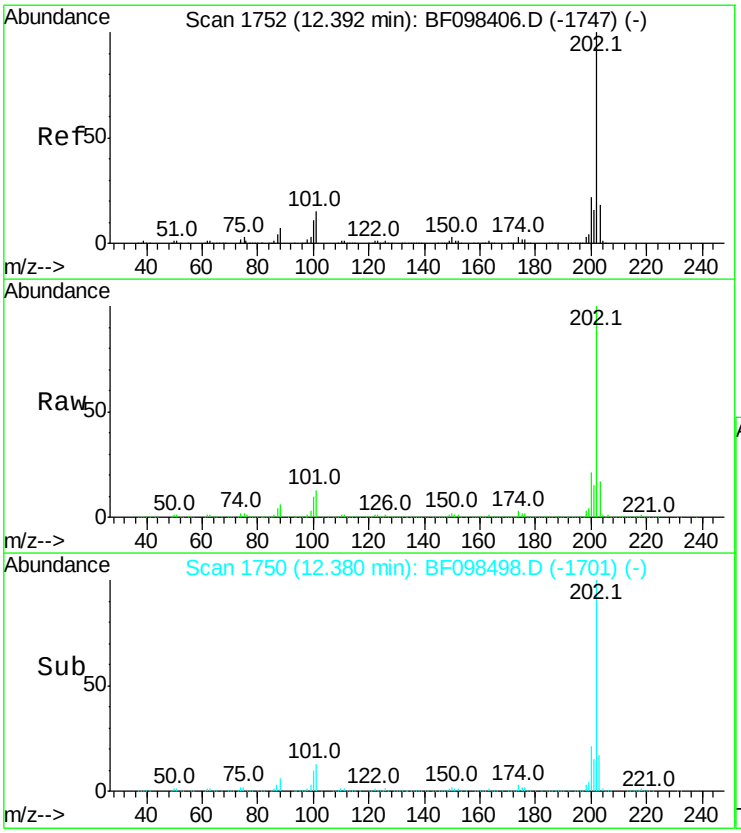
#71
Anthracene
Concen: 6.079 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 159606

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.4	12.7	19.1

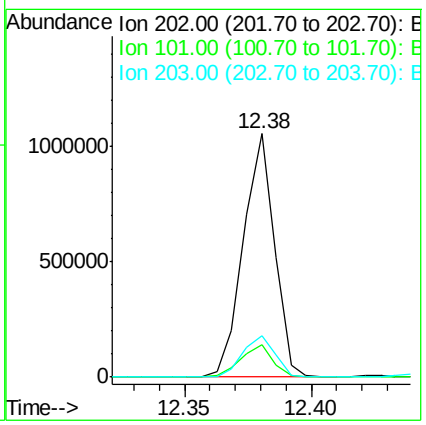


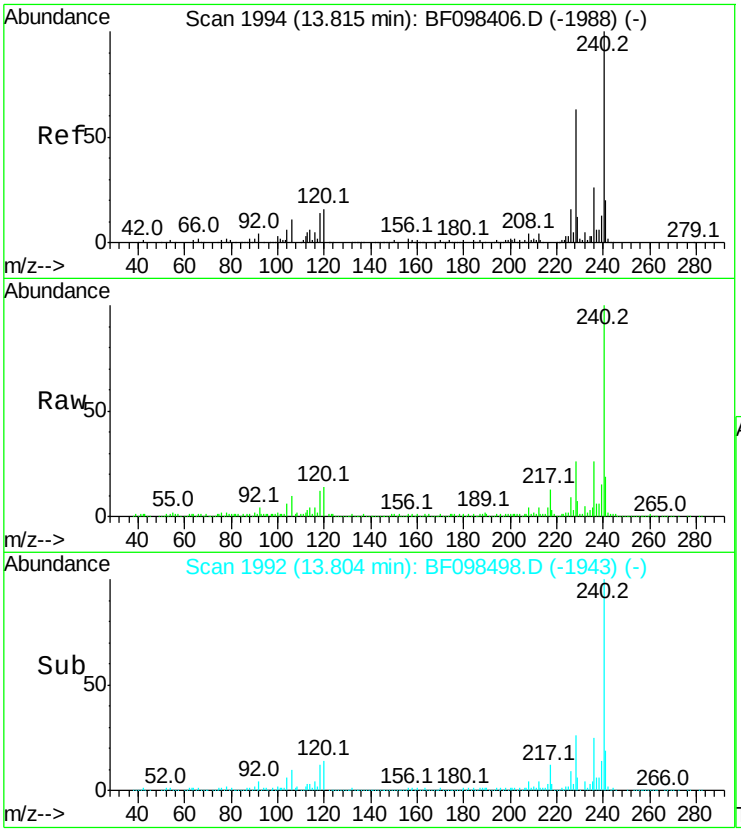


#74
Fluoranthene
Concen: 35.349 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:202 Resp: 904870

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.0	0.0	38.1



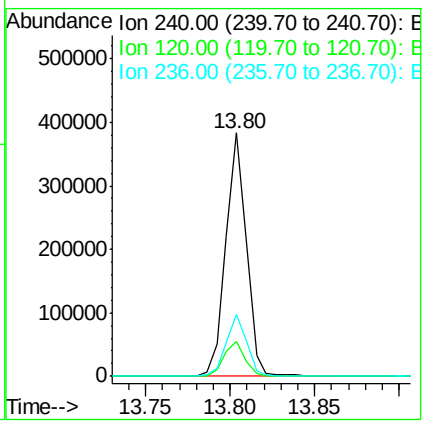


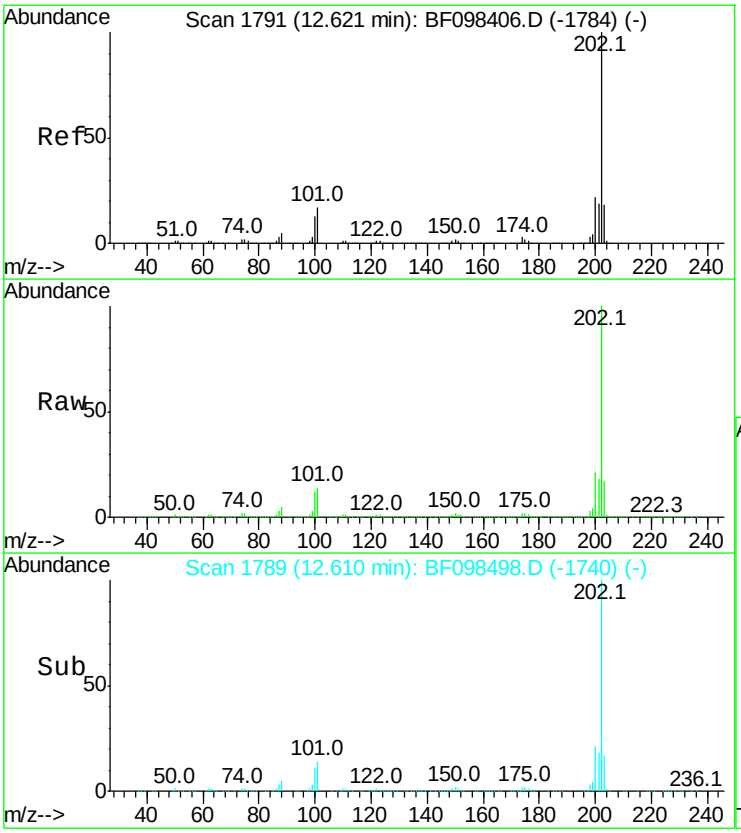
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 322176

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.7	20.5	30.7

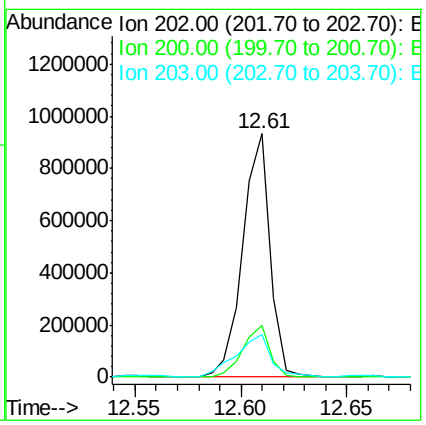


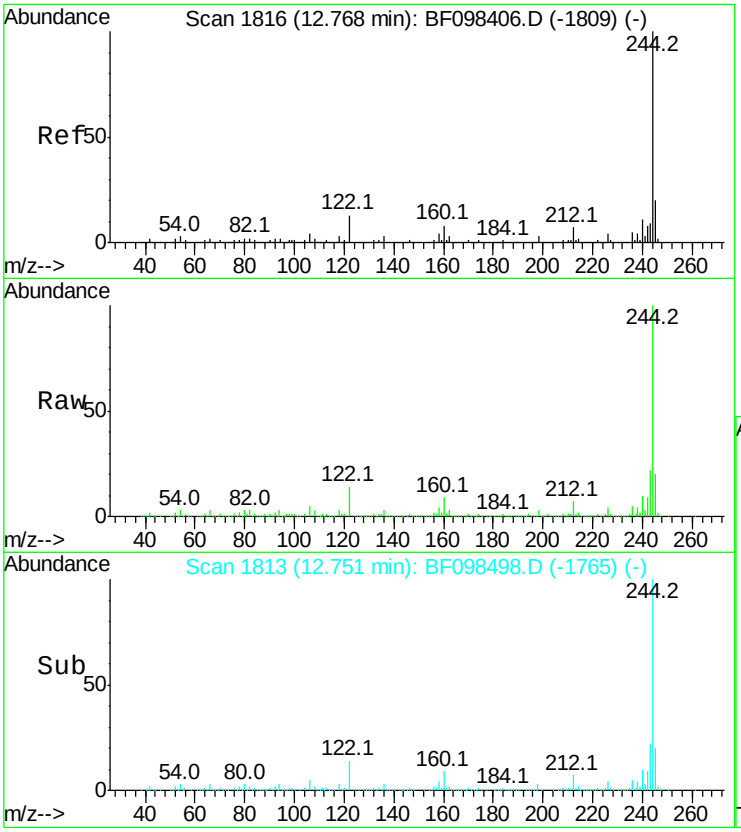


#77
Pyrene
Concen: 32.901 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:202 Resp: 836195

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.3	14.4	21.6



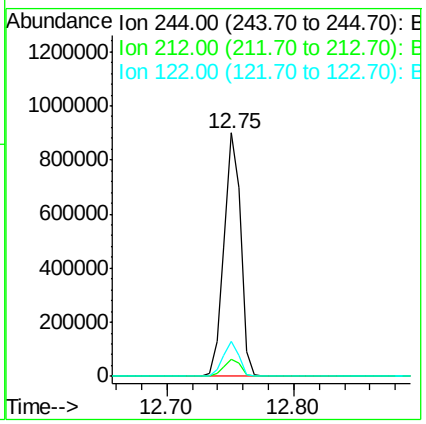


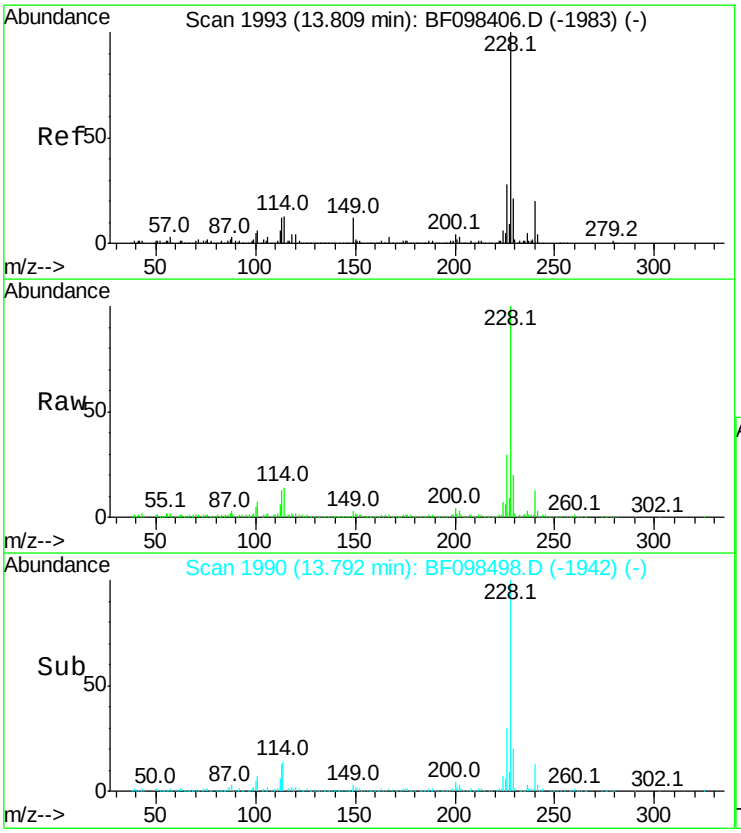
#78
Terphenyl-d14
Concen: 54.971 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 820503

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5

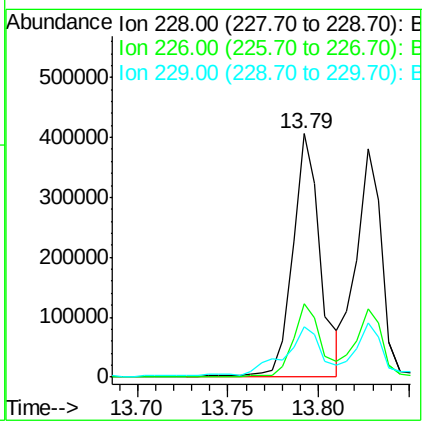


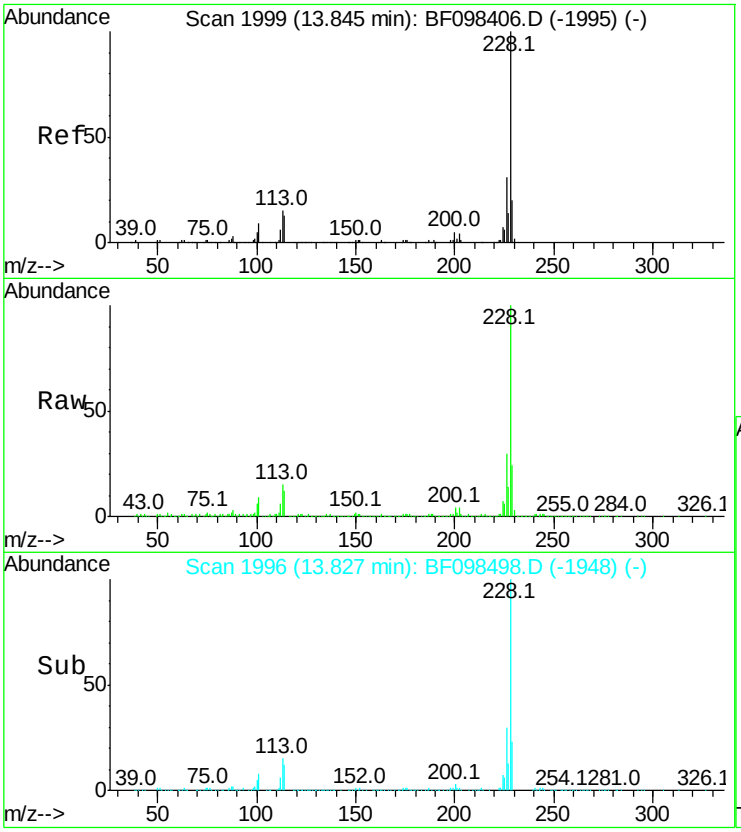


#80
Benzo(a)anthracene
Concen: 22.704 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:228 Resp: 428841

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	20.4	16.3	24.5



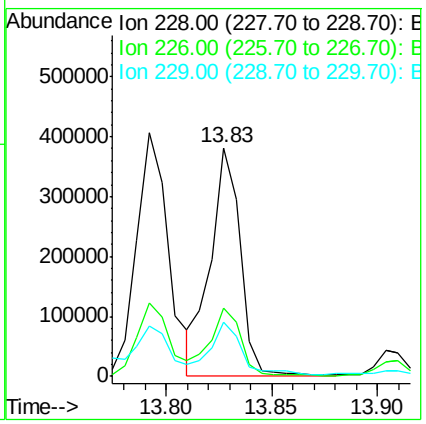


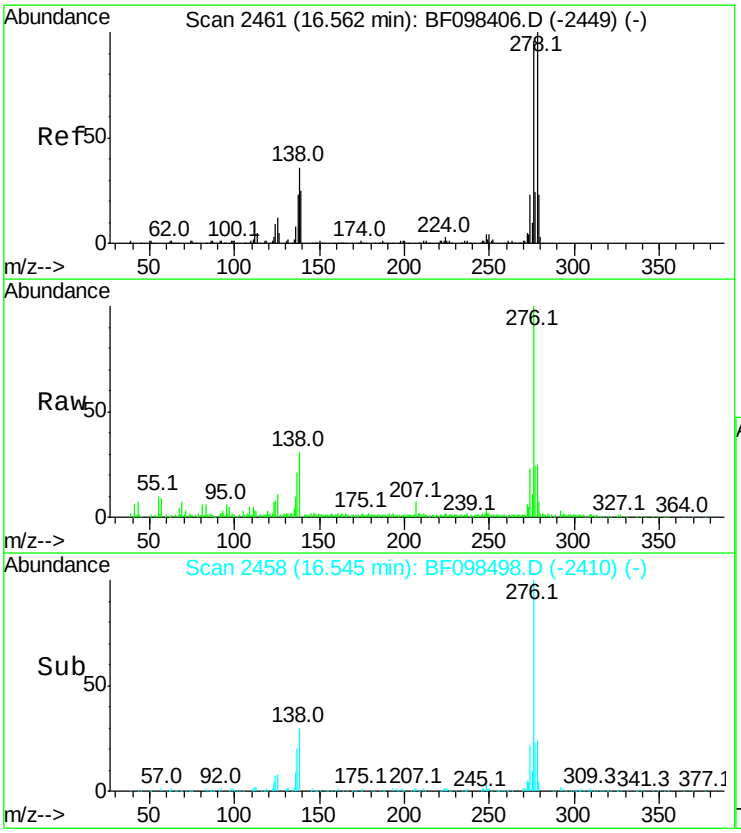
#82
Chrysene
Concen: 19.524 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 372768

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	23.5	15.8	23.6

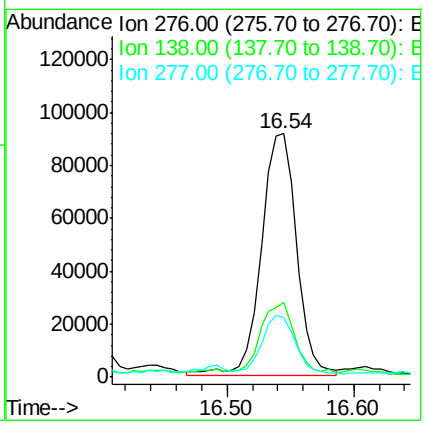


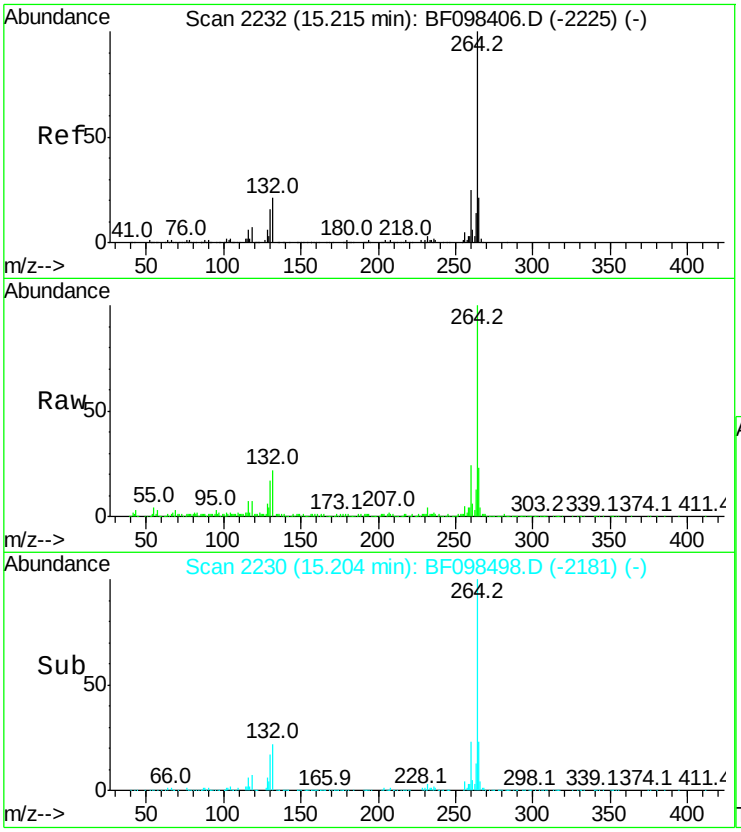


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.056 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:276 Resp: 174896

Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.8	41.6
277	23.4	20.2	30.4



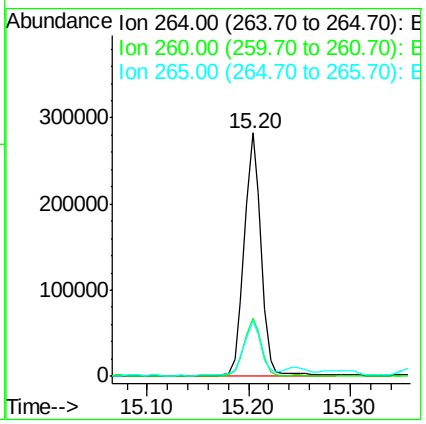


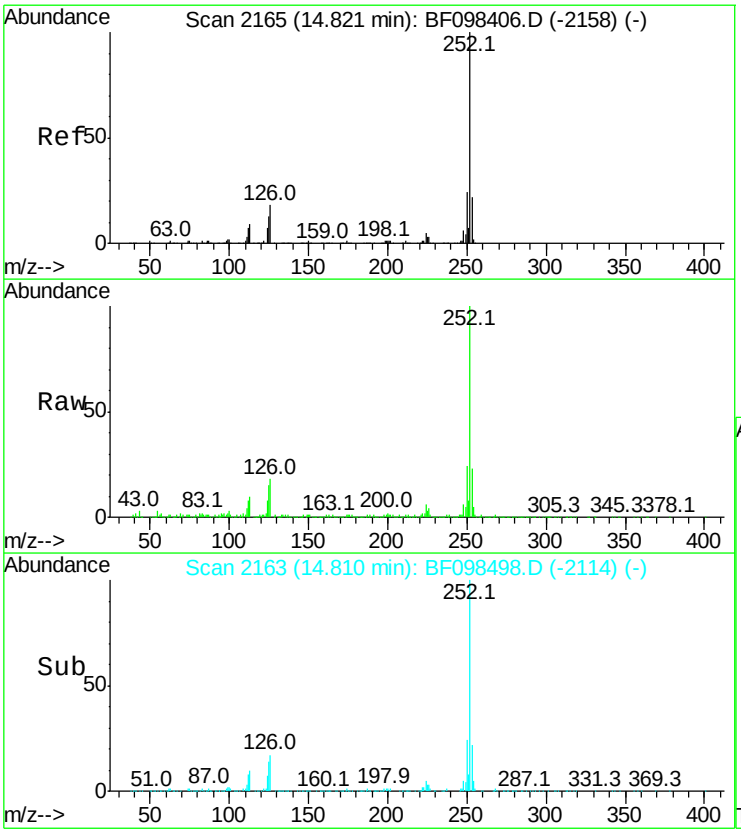
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 328291

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.0	17.2	25.8

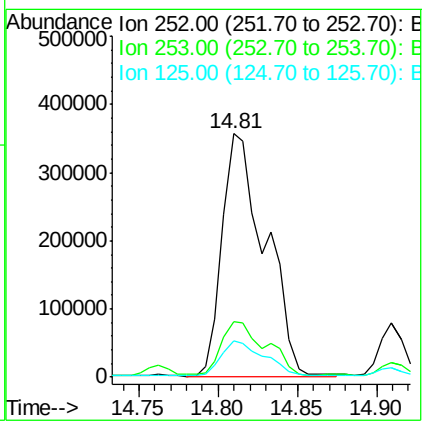


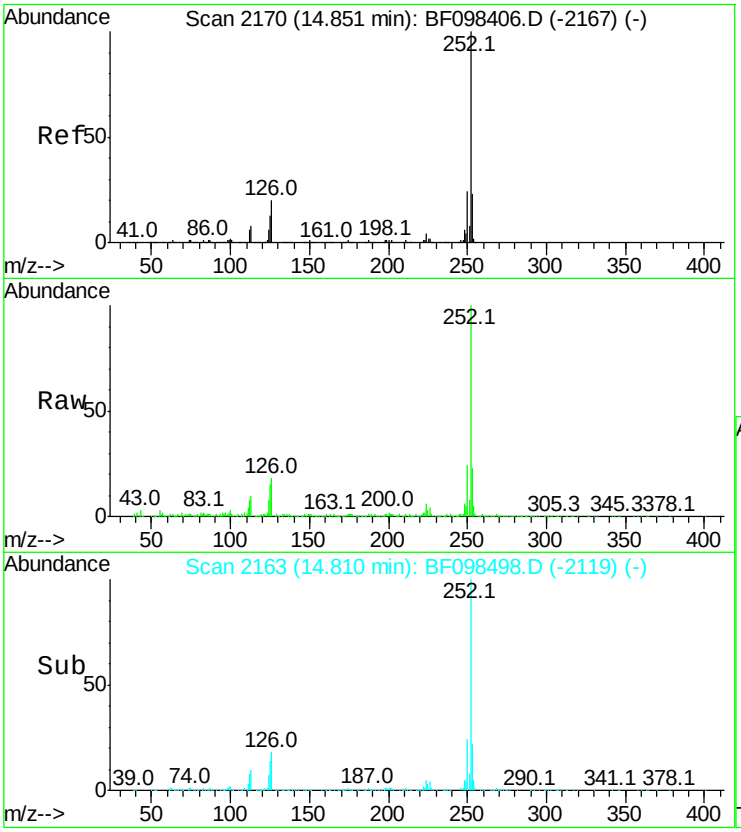


#87
Benzo(b)fluoranthene
Concen: 32.658 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:252 Resp: 674133

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.8	9.8	14.8#



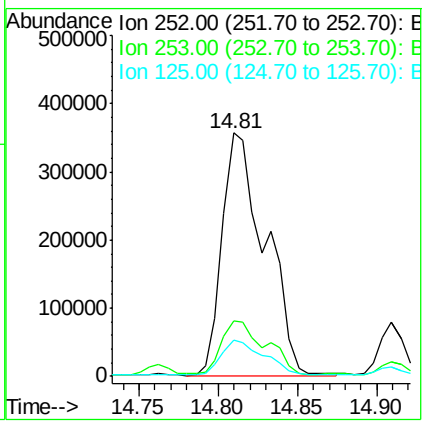


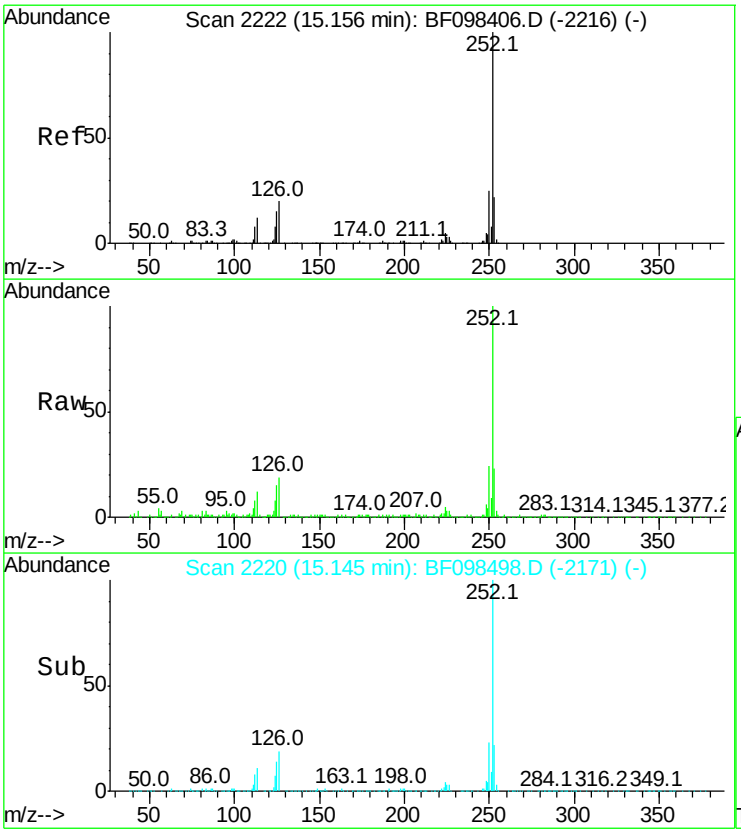
#88
Benzo(k)fluoranthene
Concen: 34.982 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 674133

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	14.8	13.1	19.7

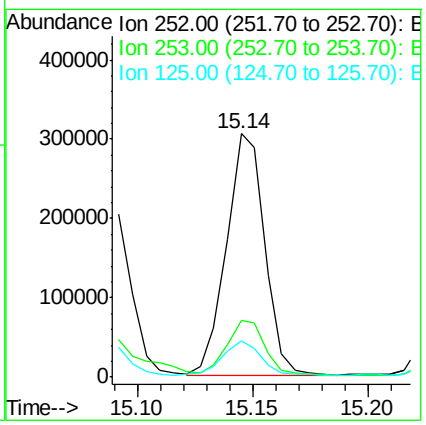


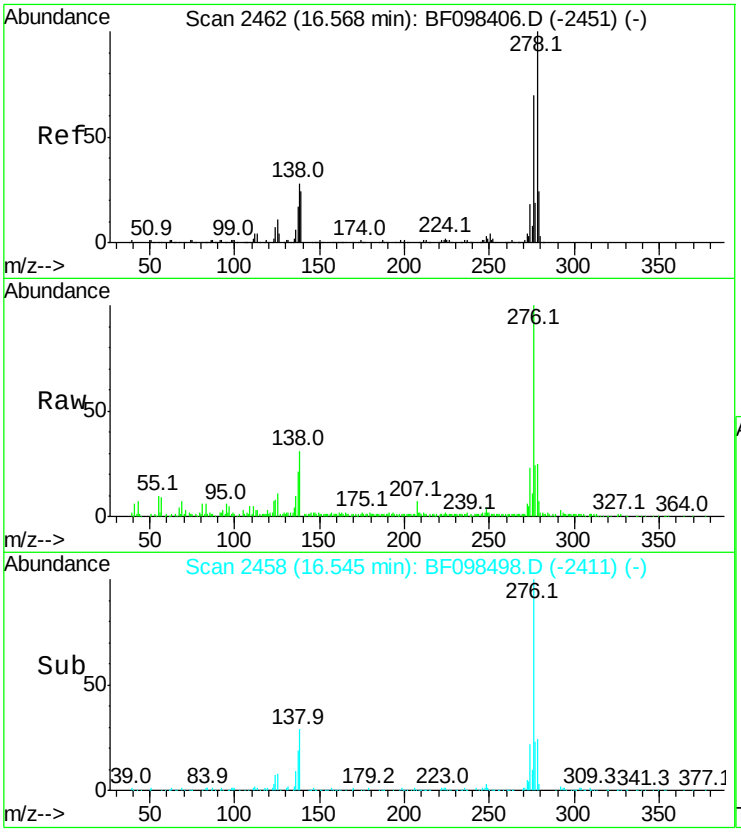


#89
Benzo(a)pyrene
Concen: 19.316 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:252 Resp: 355220

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.0	11.0	16.4



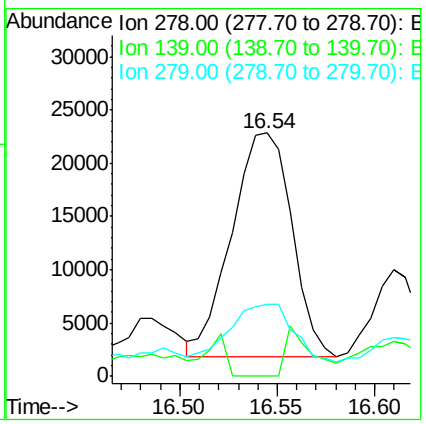


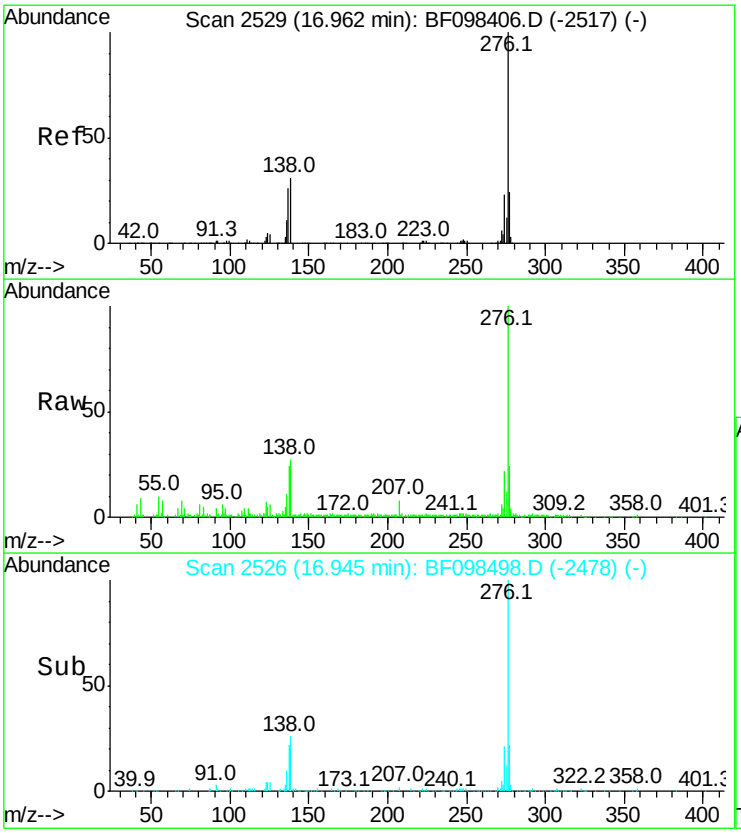
#90
Dibenzo(a,h)anthracene
Concen: 3.360 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 44946

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	29.4	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.716 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF098498.D
Acq: 13 Sep 2017 19:17

Tgt Ion:276 Resp: 157639

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	27.5	25.4	38.0