Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099418.D
Acq On : 13 Oct 2017 2:06
Operator : SJ/JU
Sample : I5779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 04:38:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119844	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	456906	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	171575	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	255790	20.00	ng		0.00
75) Chrysene-d12	14.02	240	211699	20.00	ng		0.00
86) Perylene-d12	15.50	264	144702	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	822644	109.27	ng		0.01
7) Phenol-d6	6.49	99	960952	103.47	ng		0.00
23) Nitrobenzene-d5	7.42	82	572331	80.33	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	139460	99.33	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	922111	89.72	ng		0.00
78) Terphenyl-d14	12.96	244	651910	70.03	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	16226	3.01	ng		88
10) Phenol	6.50	94	56913	5.48	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	74191	12.51	ng	#	73
25) Isophorone	7.42	82	572327	38.85	ng	#	64
49) Dimethylphthalate	9.60	163	151364	11.69	ng		100
56) 2,4-Dinitrotoluene	9.89	165	21480	5.87	ng	#	23
62) Azobenzene	10.60	77	59978	5.16	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	9331	3.73	ng	#	1
70) Phenanthrene	11.40	178	53444	3.90	ng		98
74) Fluoranthene	12.59	202	82748	5.97	ng		96
77) Pyrene	12.82	202	82480	5.11	ng		99
80) Benzo(a)anthracene	14.01	228	33084	2.58	ng	#	92
82) Chrysene	14.04	228	33734	2.76	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	42386	4.76	ng	#	54
88) Benzo(k)fluoranthene	15.06	252	42386	4.82	ng	#	58
89) Benzo(a)pyrene	15.43	252	20776	2.54	ng	#	70

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

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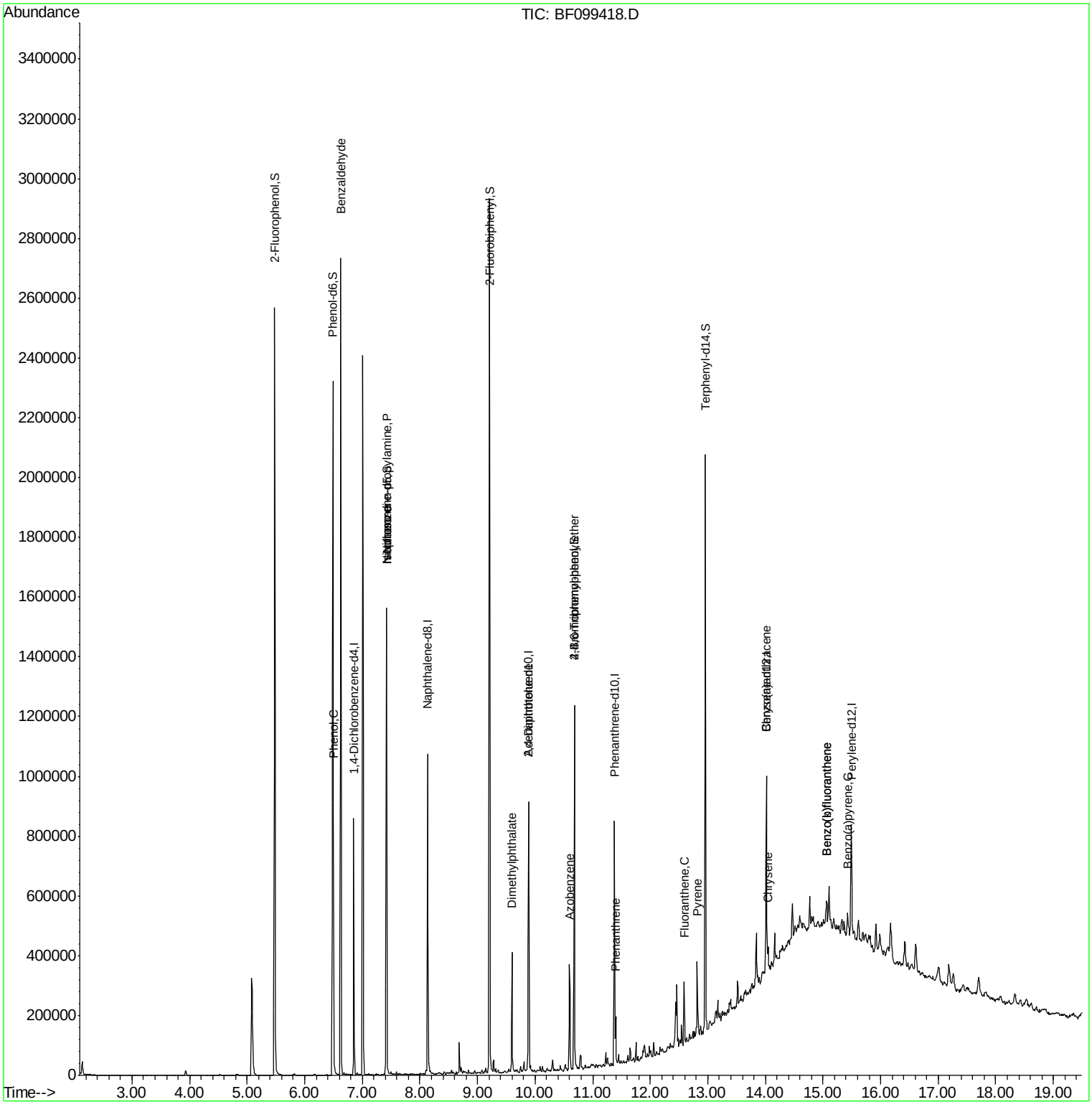
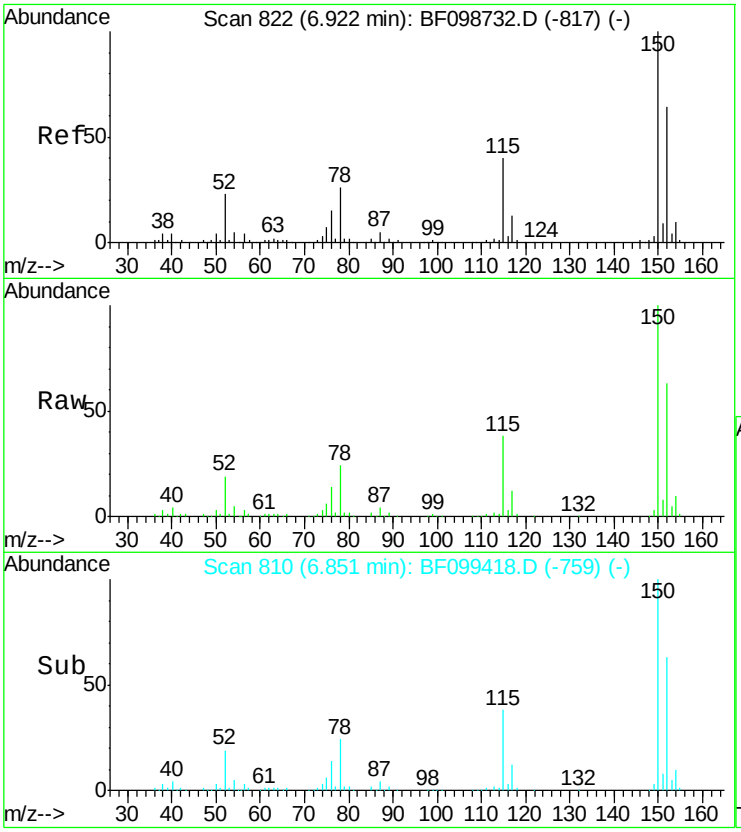


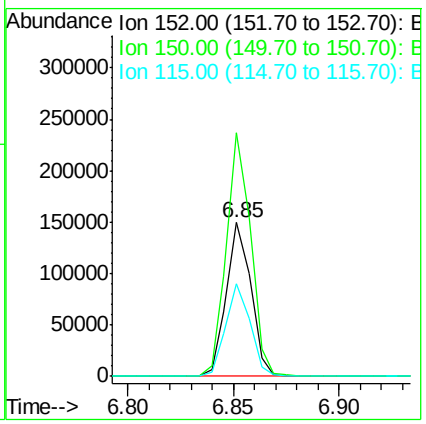


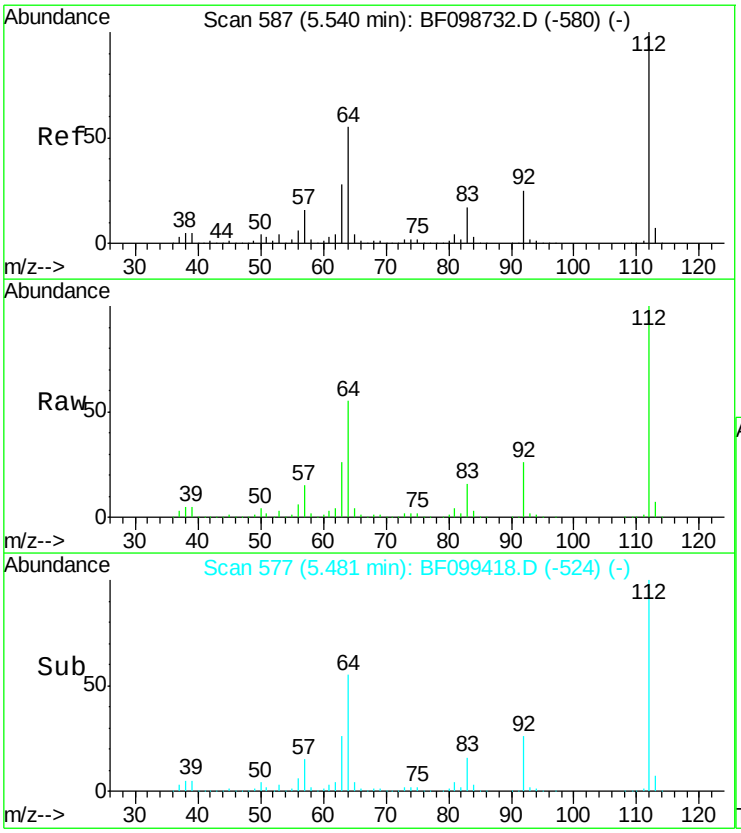
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119844

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.4	50.1	75.1

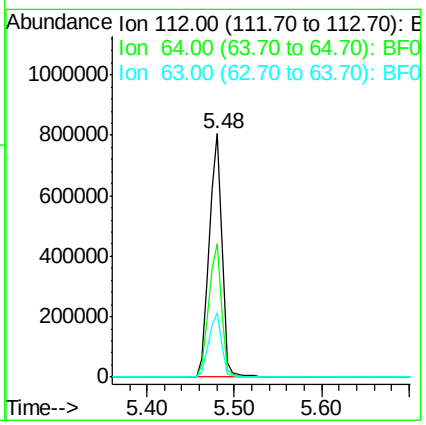


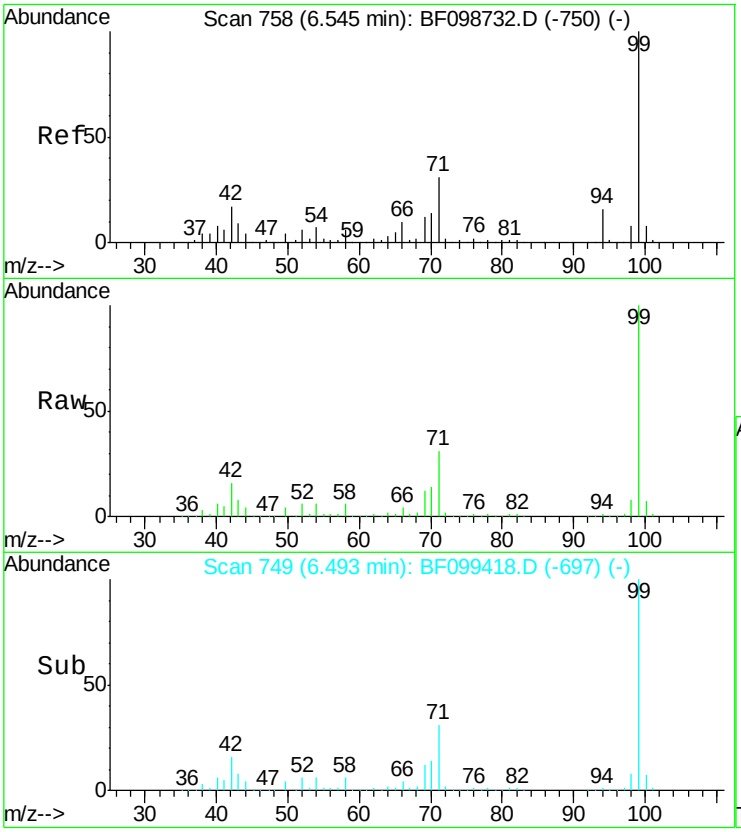


#5
2-Fluorophenol
Concen: 109.27 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:112 Resp: 822644

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	26.4	23.7	35.5



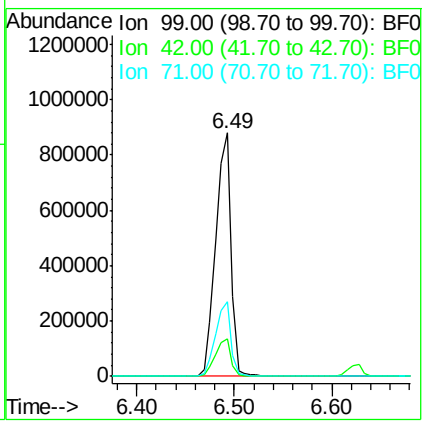


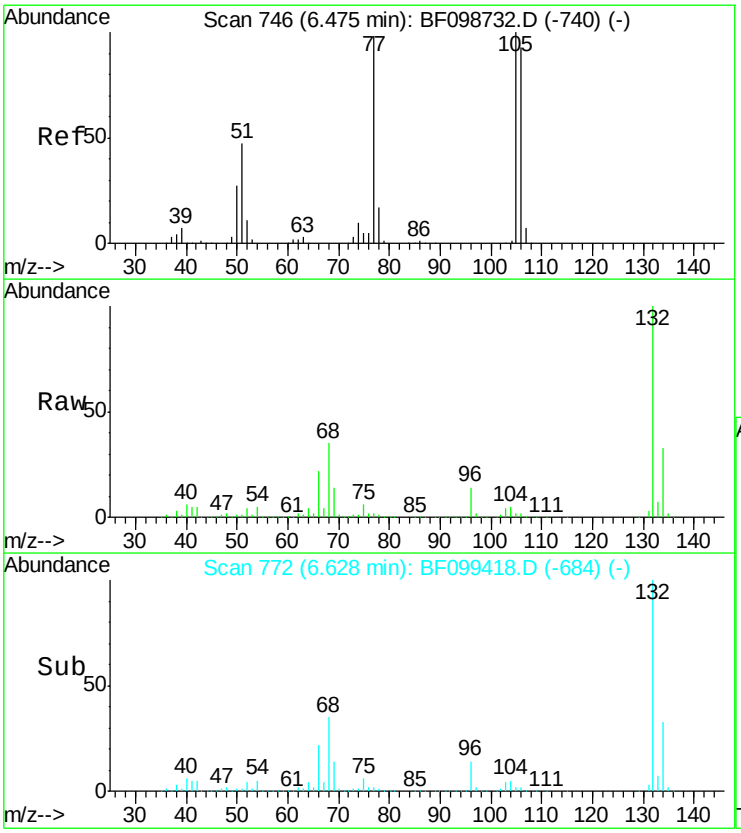
#7
Phenol-d6
Concen: 103.47 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 960952

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	30.8	25.4	38.0

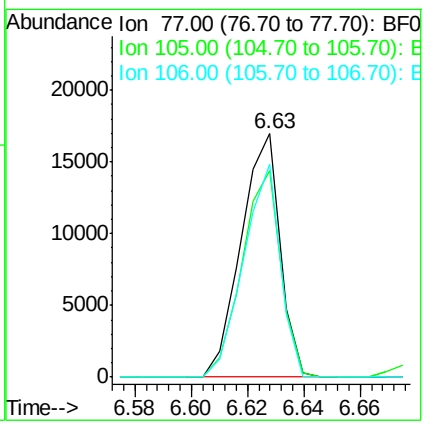


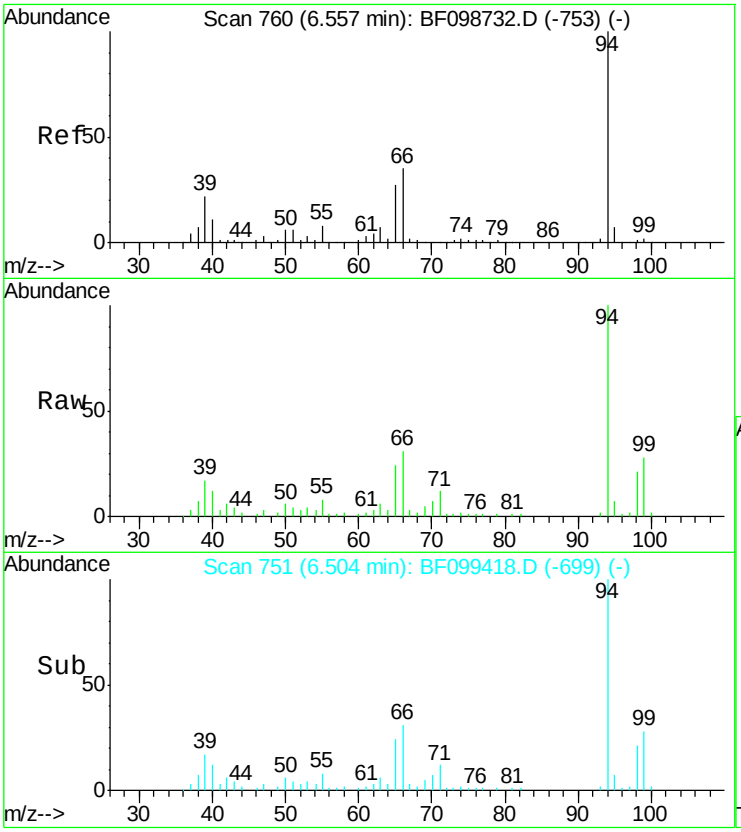


#9
Benzaldehyde
Concen: 3.01 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion: 77 Resp: 16226

Ion	Ratio	Lower	Upper
77	100		
105	84.9	81.1	121.1
106	87.6	74.5	114.5



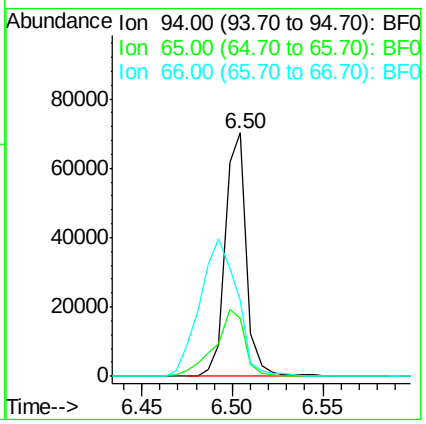


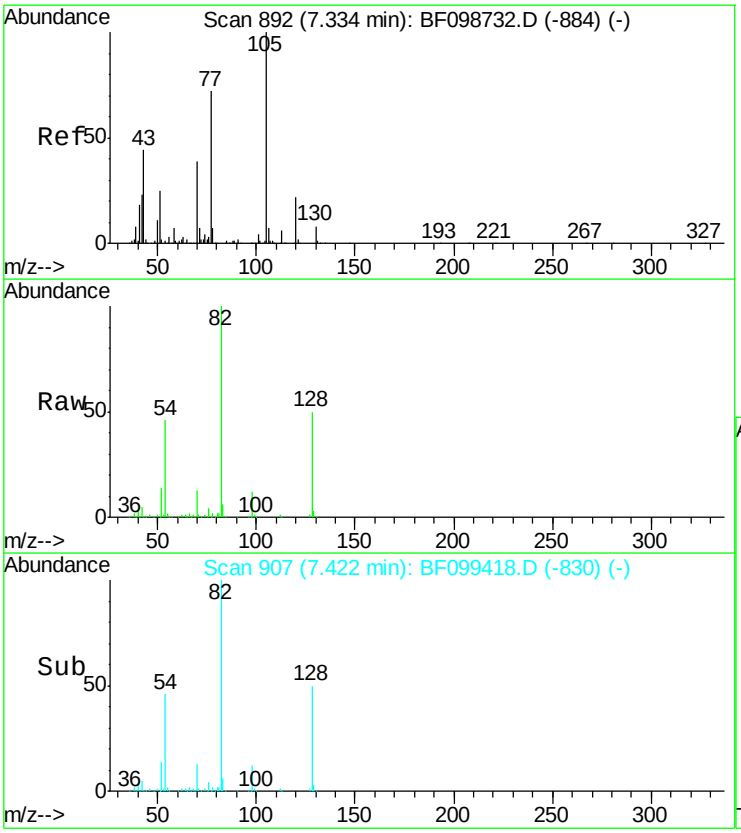
#10
Phenol
Concen: 5.48 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 56913

Ion	Ratio	Lower	Upper
94	100		
65	24.0	7.9	47.9
66	31.0	16.2	56.2

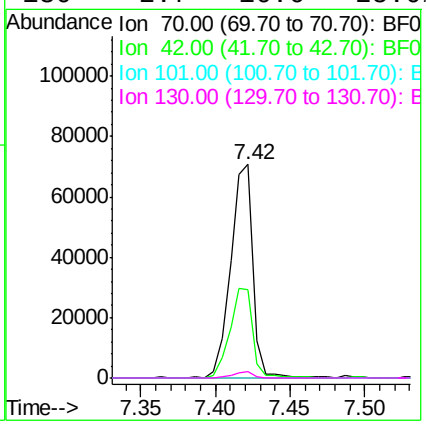


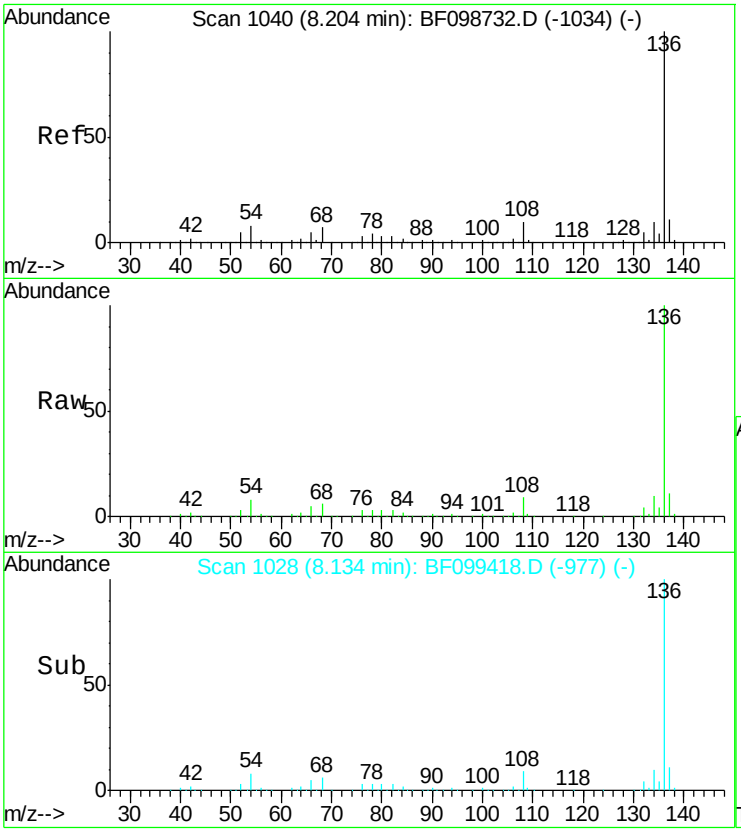


#19
n-Nitroso-di-n-propylamine
Concen: 12.51 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion: 70 Resp: 74191

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



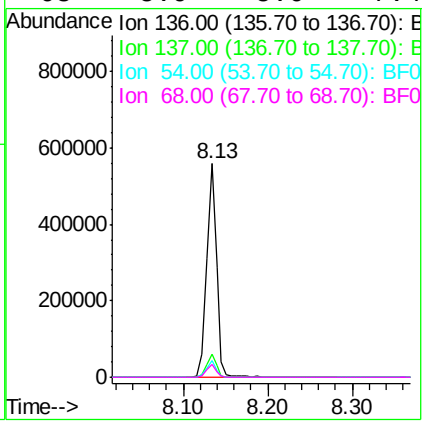


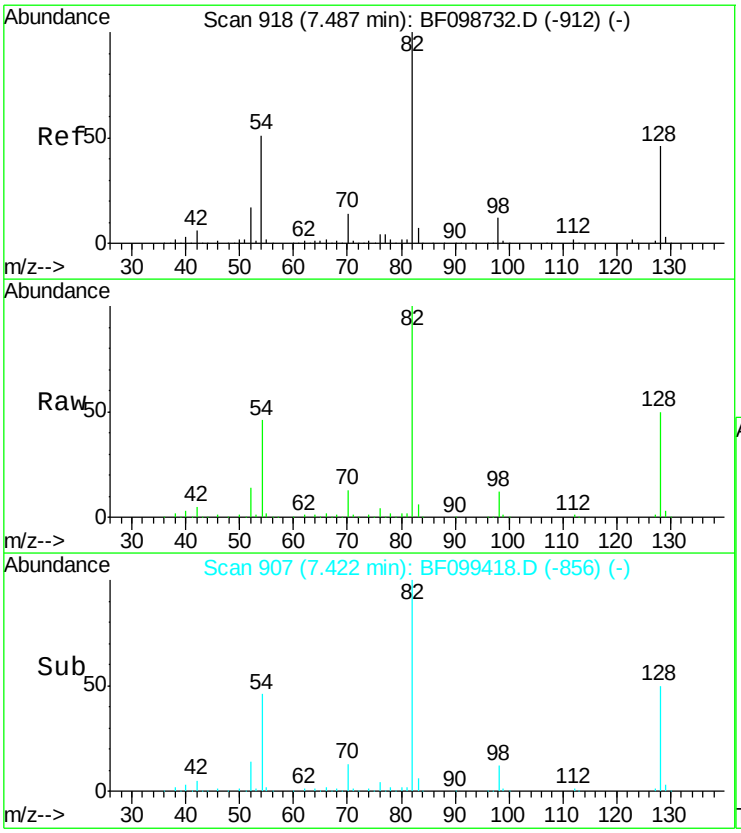
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 456906

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.9	5.0	7.4

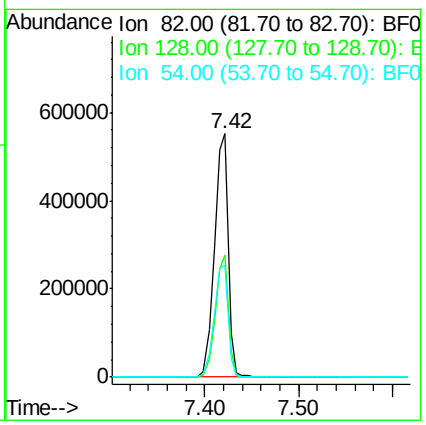


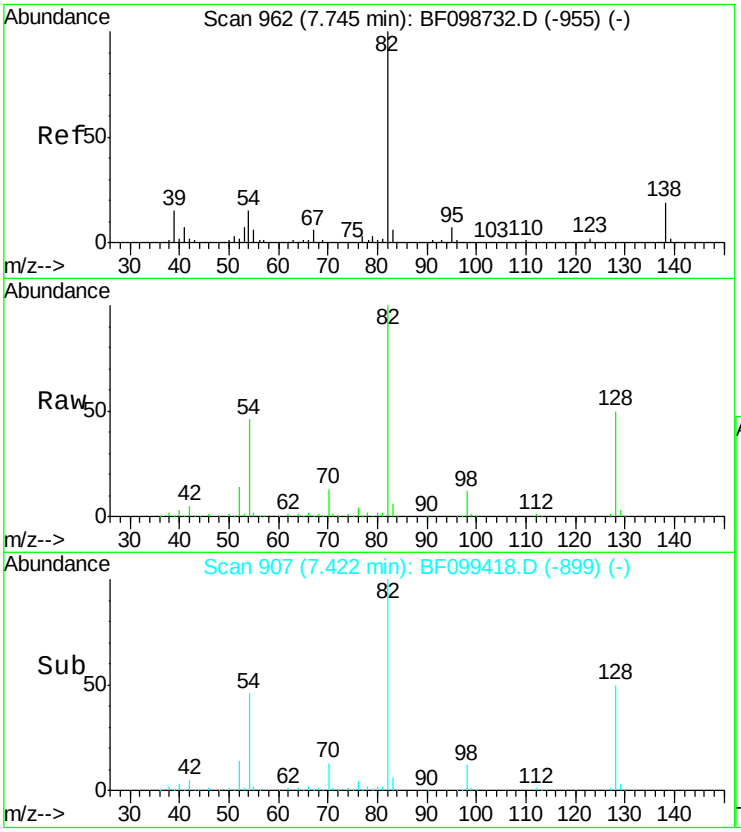


#23
Nitrobenzene-d5
Concen: 80.33 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion: 82 Resp: 572331

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	45.7	41.4	62.2



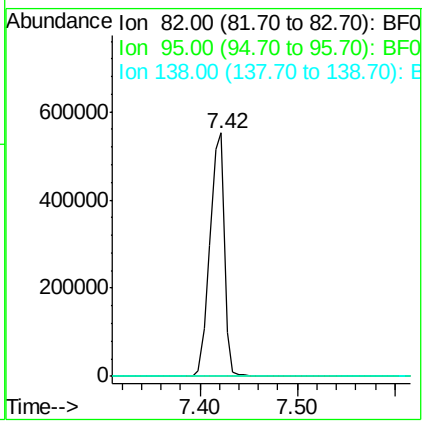


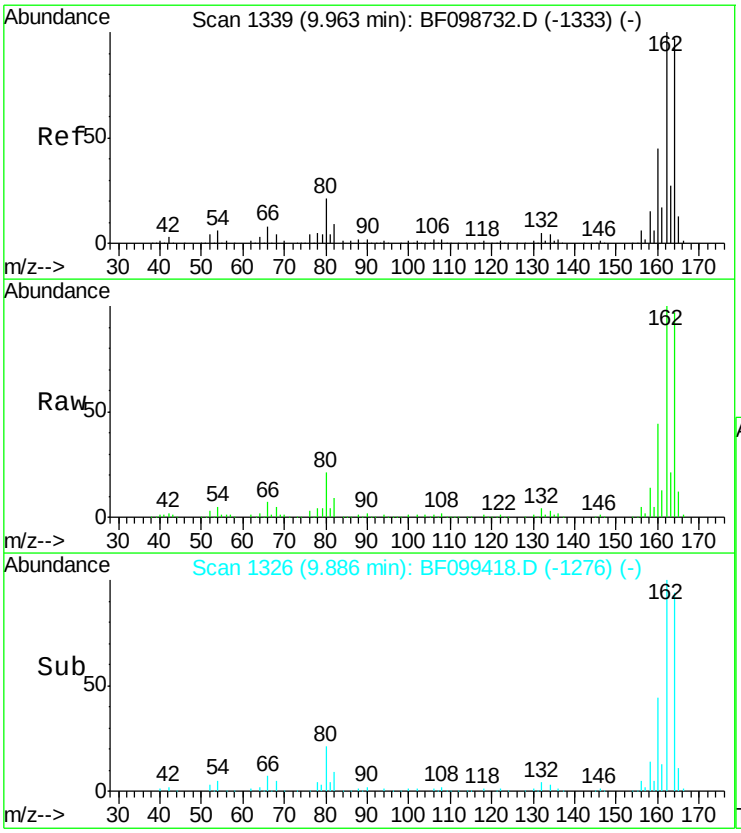
#25
Isophorone
Concen: 38.85 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 572327

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

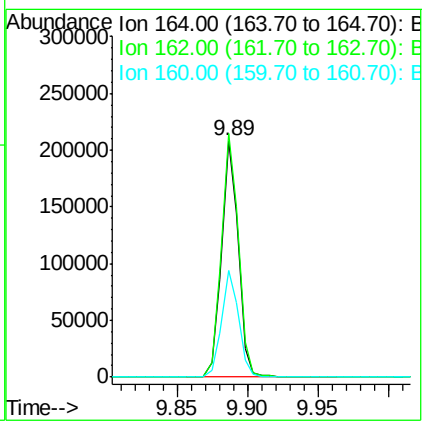


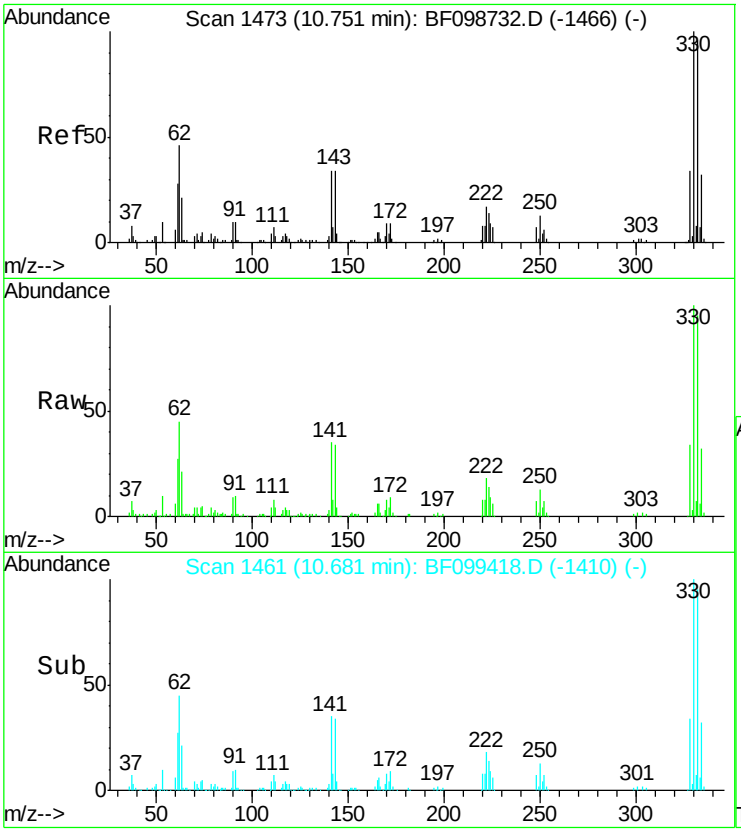


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:164 Resp: 171575

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.4	38.3	57.5



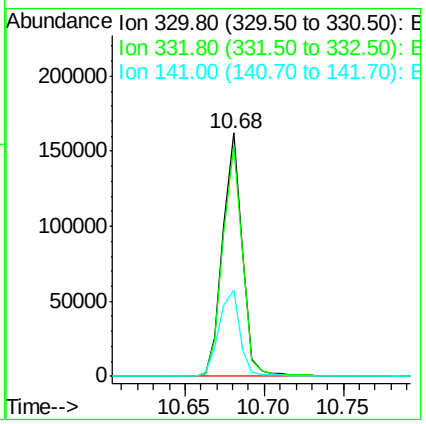


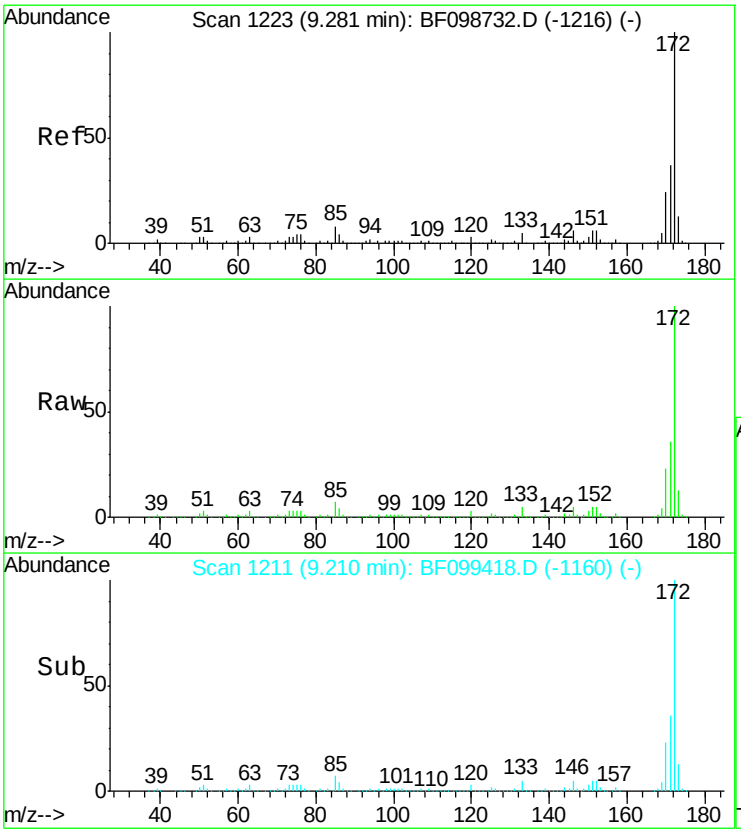
#41
2,4,6-Tribromophenol
Concen: 99.33 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 139460

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.5	29.9	44.9

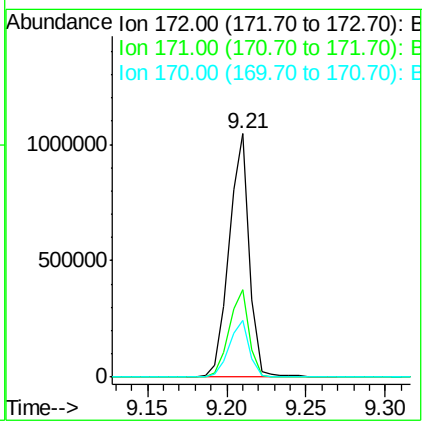


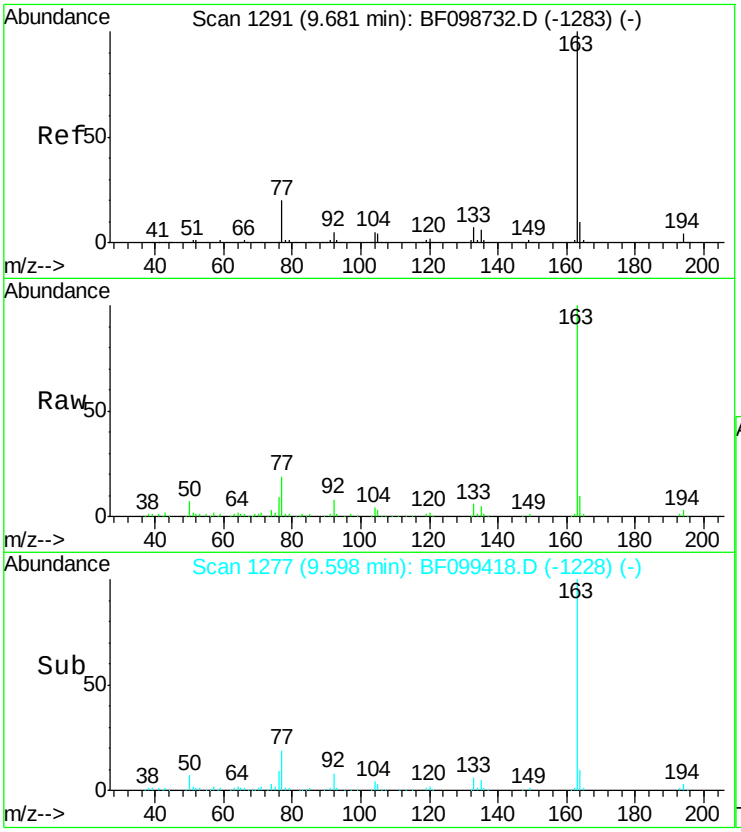


#44
2-Fluorobiphenyl
Concen: 89.72 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:172 Resp: 922111

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	19.6	29.4



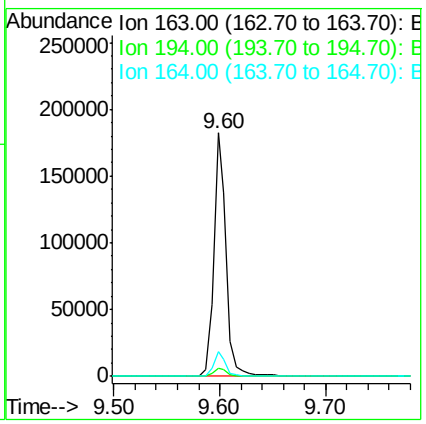


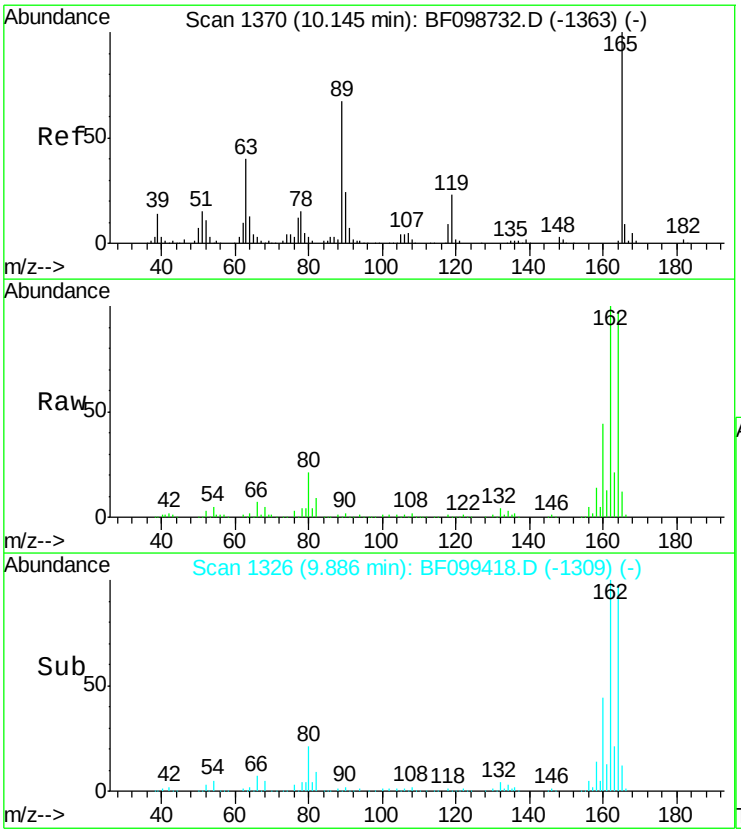
#49
Dimethylphthalate
Concen: 11.69 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 151364

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2

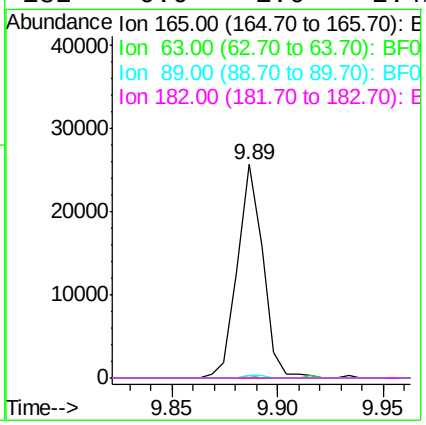


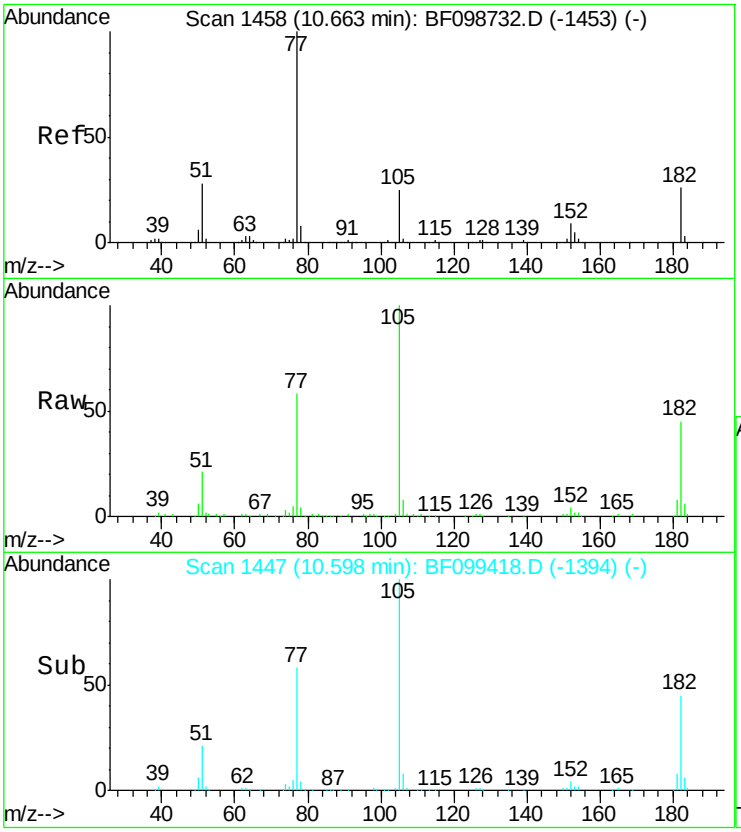


#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:165 Resp: 21480

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



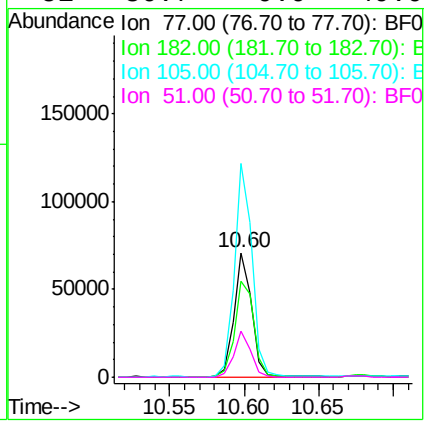


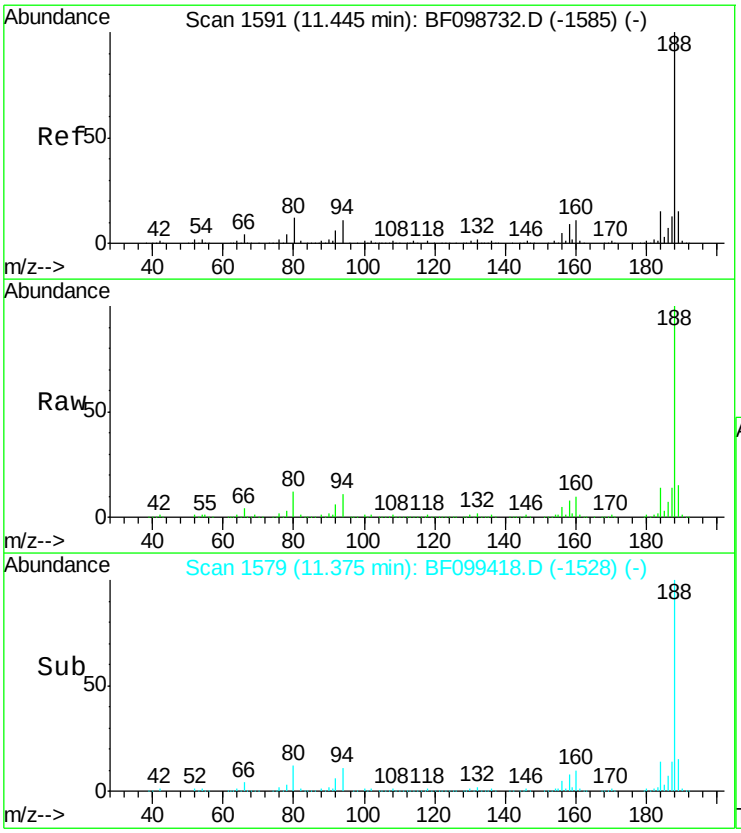
#62
Azobenzene
Concen: 5.16 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 59978

Ion	Ratio	Lower	Upper
77	100		
182	77.7	1.7	41.7#
105	171.7	3.0	43.0#
51	36.7	9.9	49.9

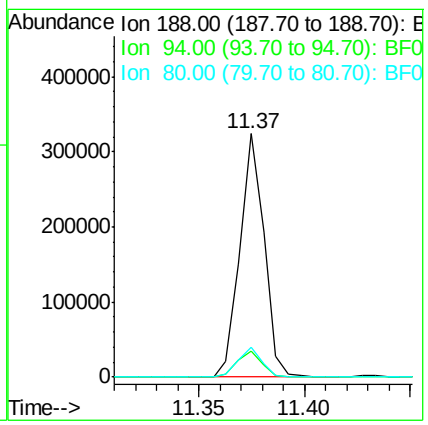


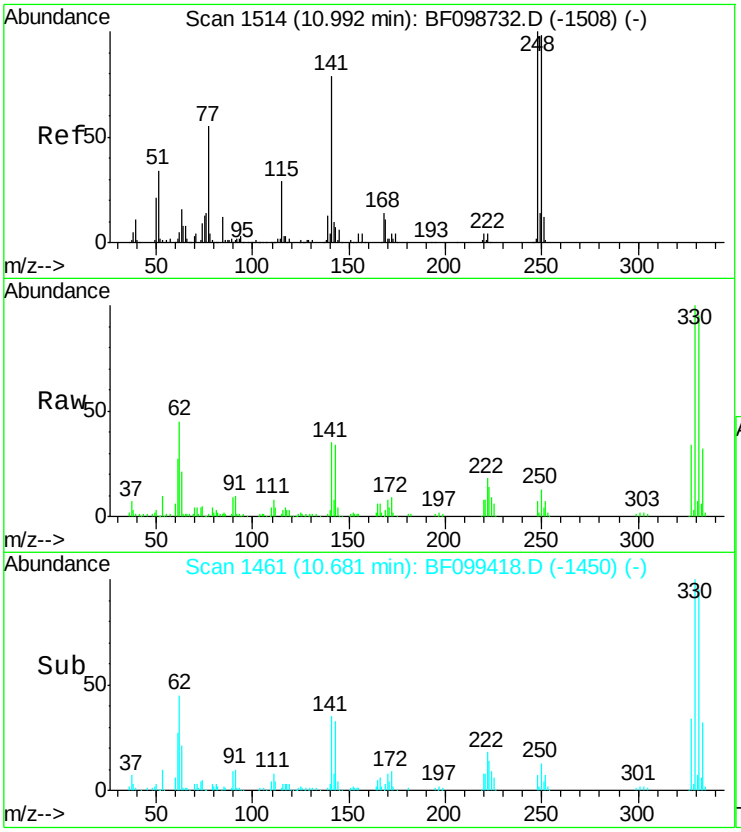


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:188 Resp: 255790

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.2	9.2	13.8



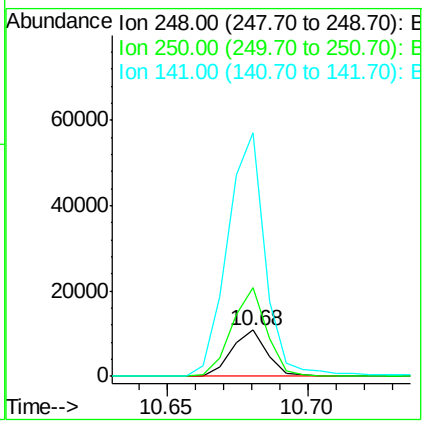


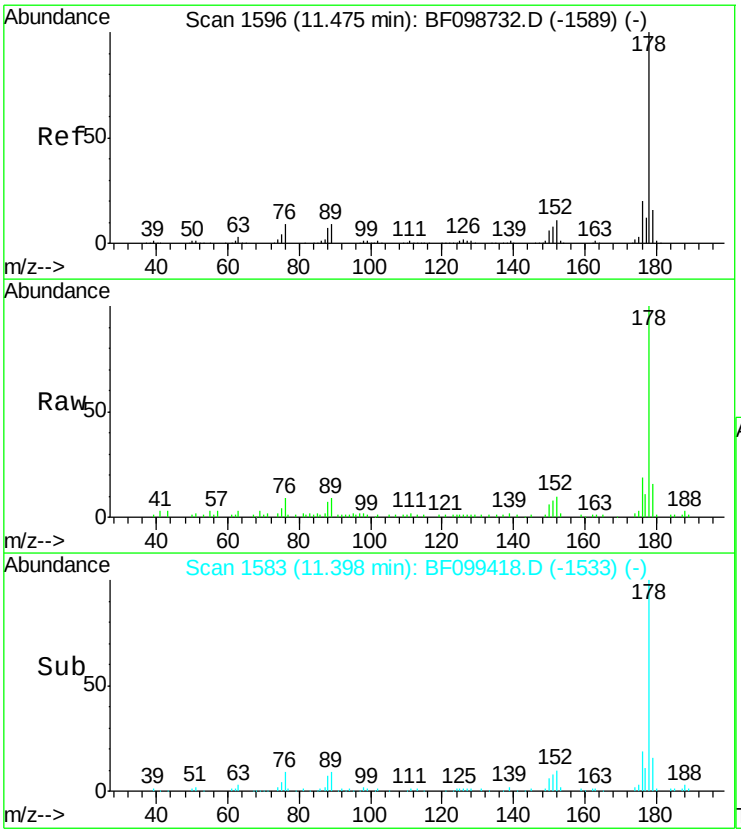
#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9331

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	524.6	74.4	111.6#

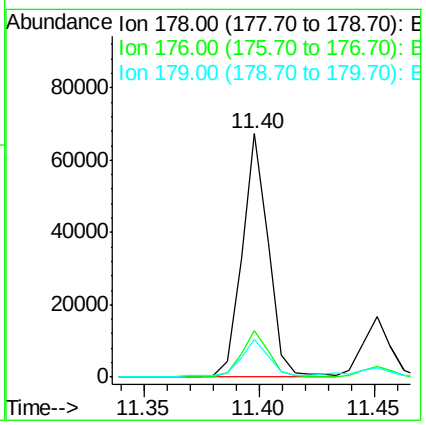


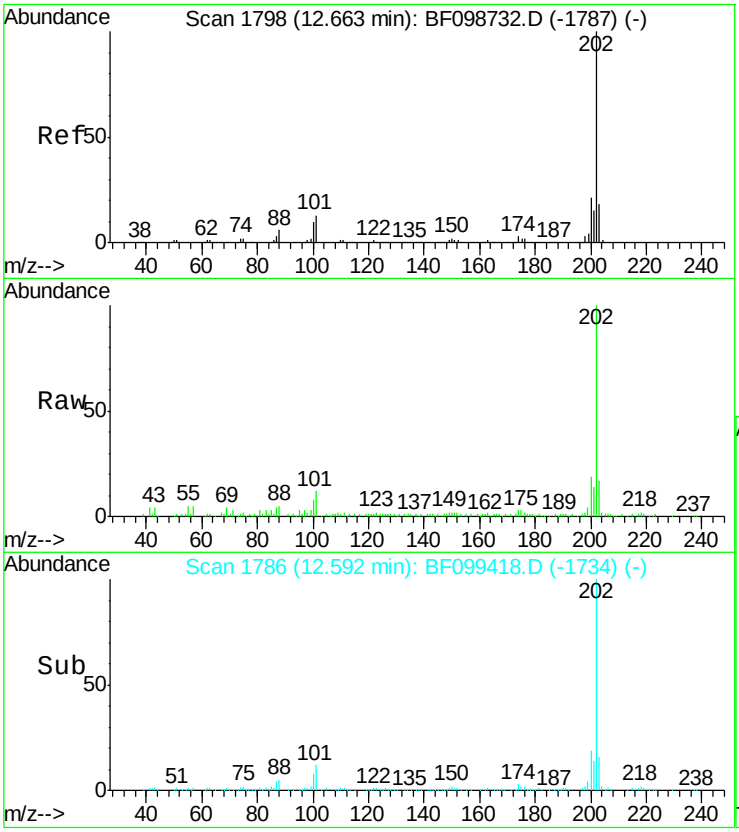


#70
Phenanthrene
Concen: 3.90 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:178 Resp: 53444

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6



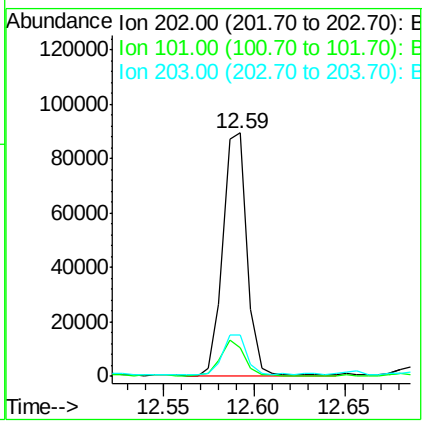


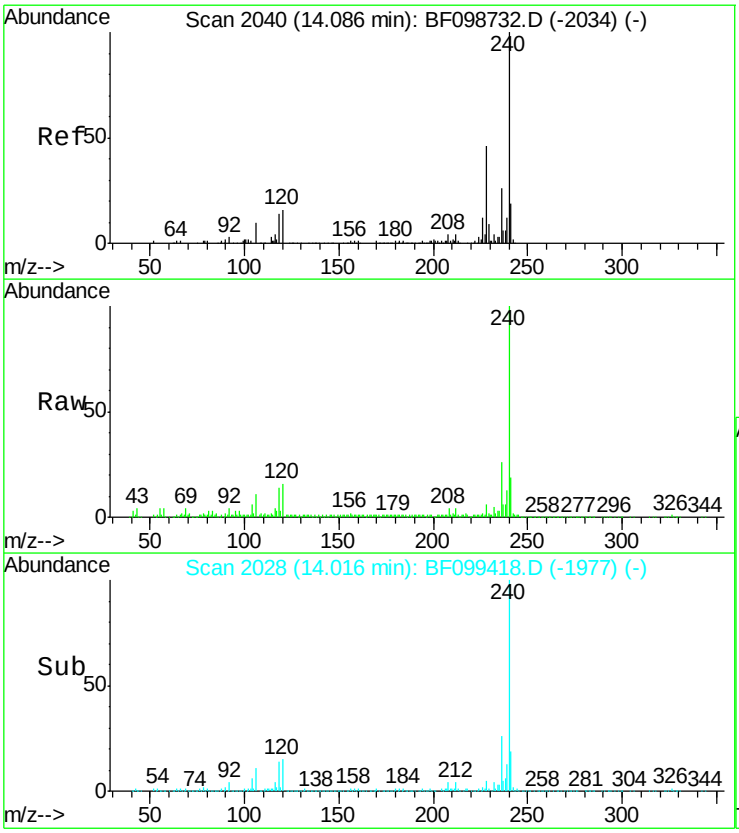
#74
Fluoranthene
Concen: 5.97 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 82748

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	16.9	0.0	38.1

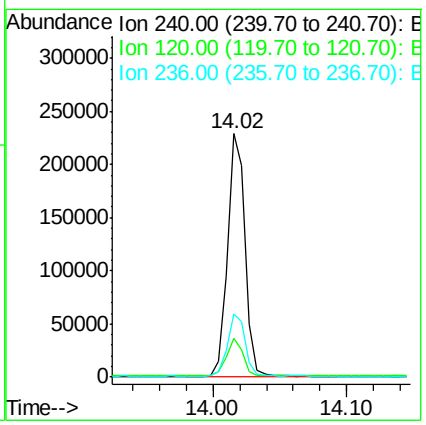


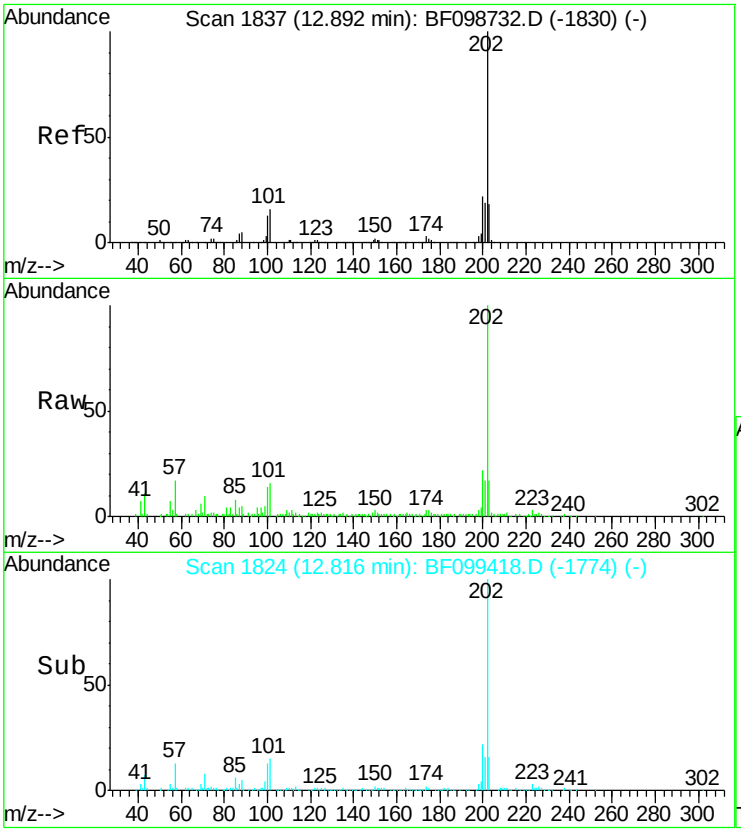


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:240 Resp: 211699

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.1	20.7	31.1



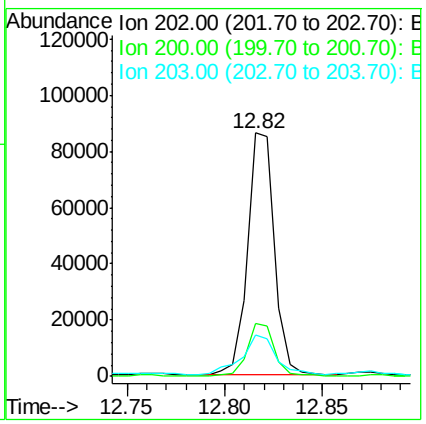


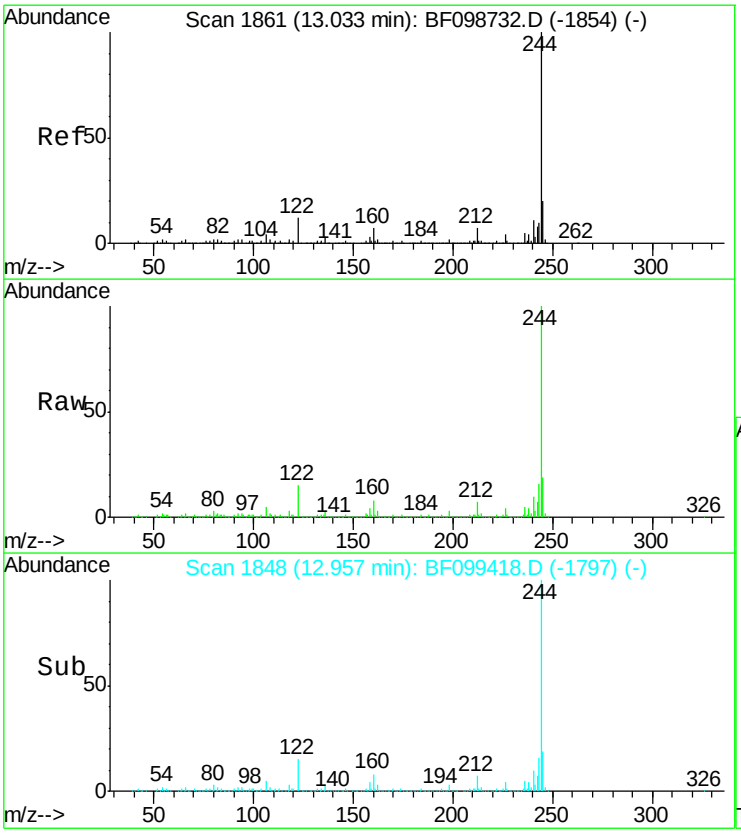
#77
Pyrene
Concen: 5.11 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 82480

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.2	14.3	21.5

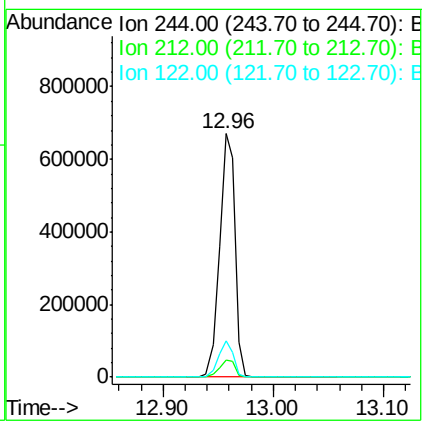


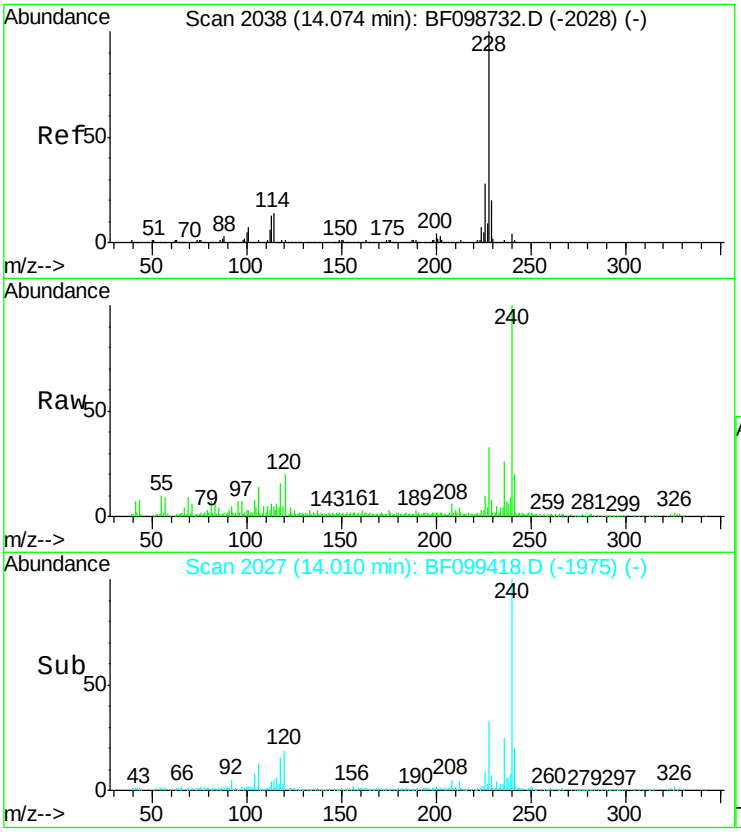


#78
Terphenyl-d14
Concen: 70.03 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:244 Resp: 651910

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.9	11.0	16.4



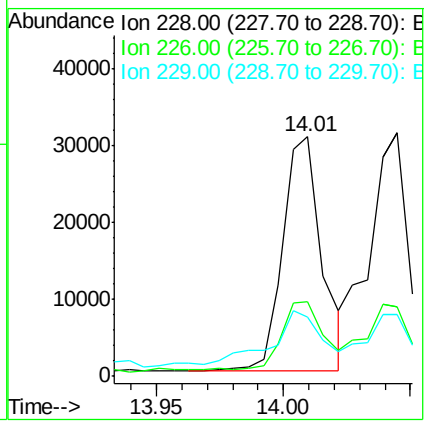


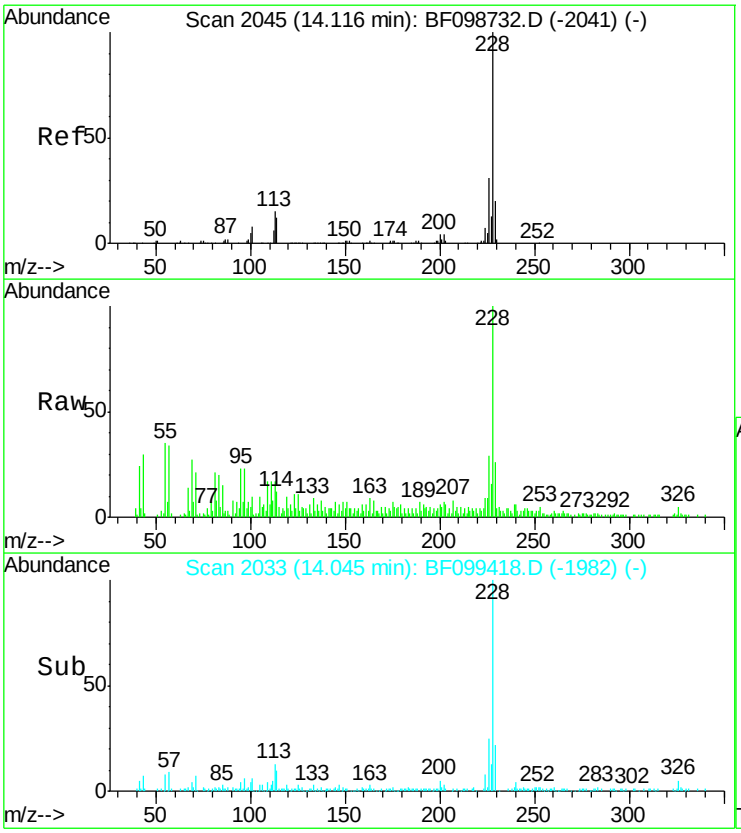
#80
Benzo(a)anthracene
Concen: 2.58 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 33084

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	24.5	15.8	23.6#

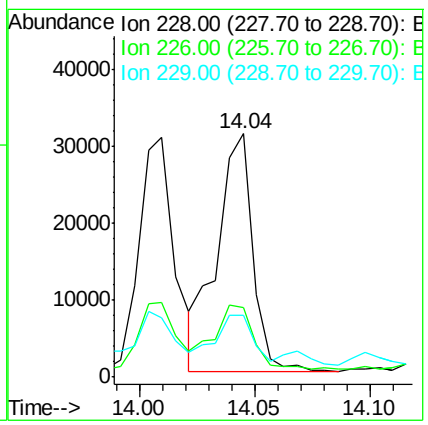


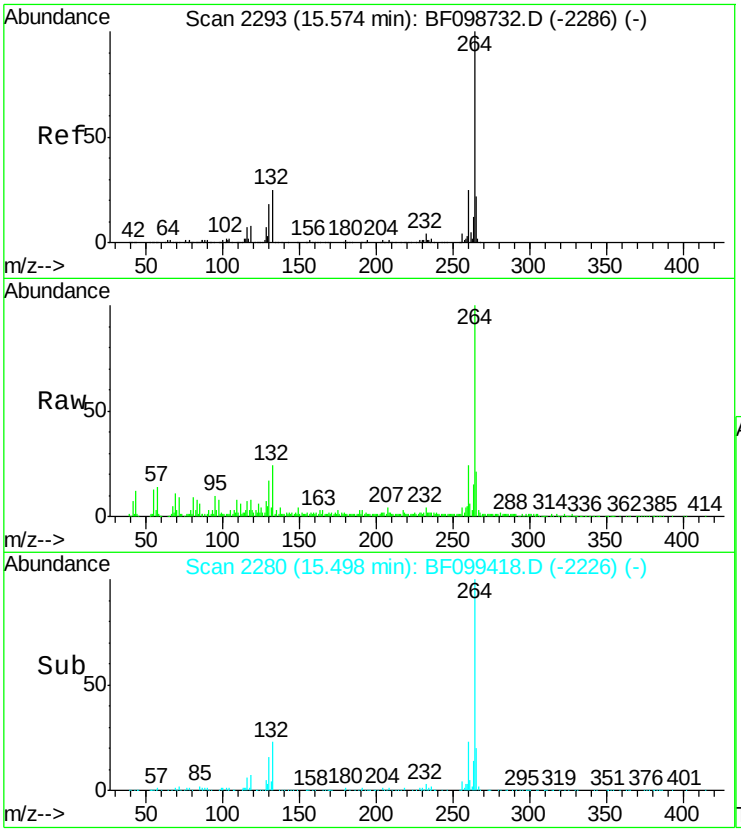


#82
Chrysene
Concen: 2.76 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:228 Resp: 33734

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	25.5	16.2	24.4#



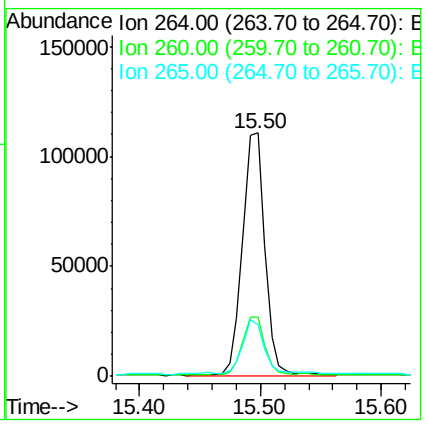


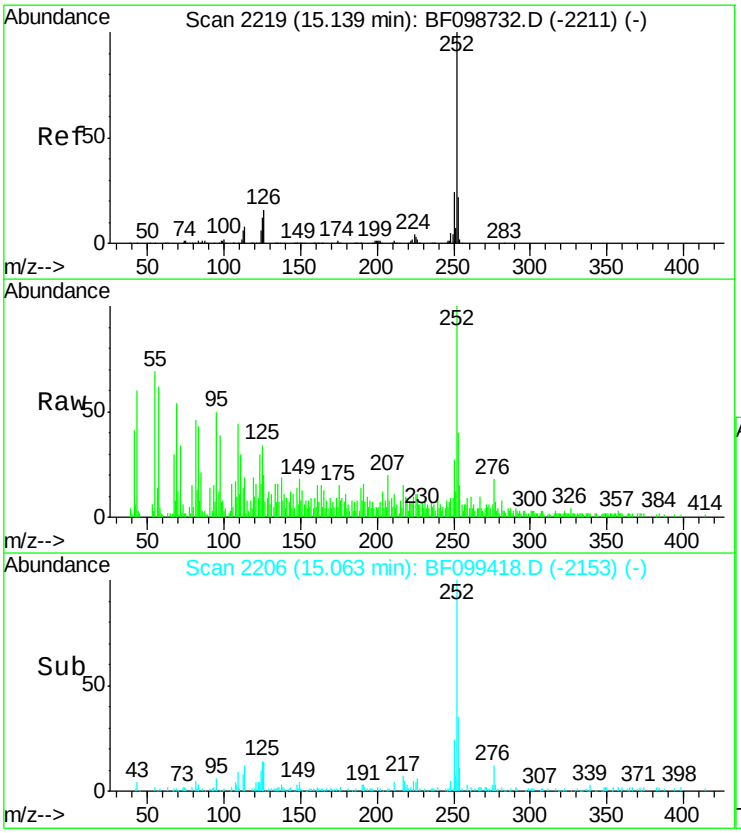
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 144702

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.0	17.5	26.3

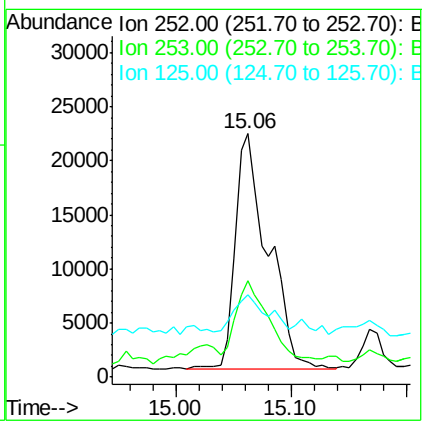


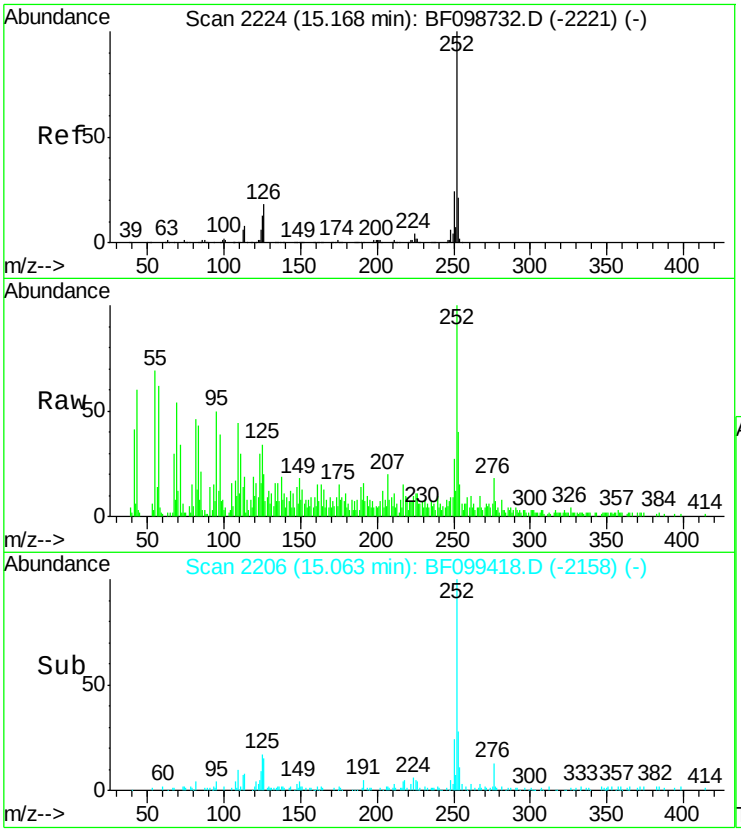


#87
Benzo(b)fluoranthene
Concen: 4.76 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:252 Resp: 42386

Ion	Ratio	Lower	Upper
252	100		
253	39.5	17.0	25.6#
125	33.8	9.0	13.6#



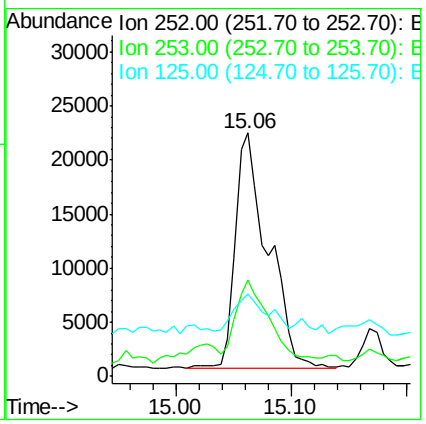


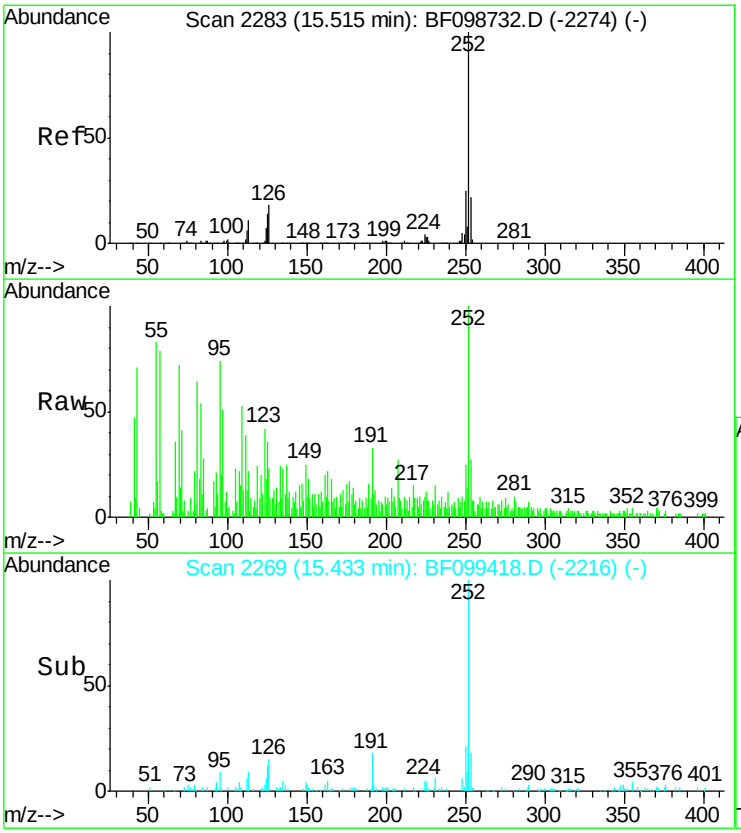
#88
Benzo(k)fluoranthene
Concen: 4.82 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42386

Ion	Ratio	Lower	Upper
252	100		
253	39.5	17.9	26.9#
125	33.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.54 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:252 Resp: 20776

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.1	25.7#
125	36.3	9.8	14.6#