Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099569.D
Acq On : 17 Oct 2017 2:52
Operator : SJ/JU
Sample : I5752-10RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 03:44:58 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	99429	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	400421	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	167863	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	247550	20.00	ng		0.00
75) Chrysene-d12	14.02	240	177968	20.00	ng		0.00
86) Perylene-d12	15.49	264	189713	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	704798	112.84	ng		0.00
7) Phenol-d6	6.48	99	838890	108.88	ng		0.00
23) Nitrobenzene-d5	7.41	82	493202	78.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	144401	105.13	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	854343	84.97	ng		-0.01
78) Terphenyl-d14	12.95	244	535351	68.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	13048	2.92	ng		90
10) Phenol	6.49	94	50887	5.91	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	62270	12.66	ng	#	73
25) Isophorone	7.41	82	493200	38.21	ng	#	64
49) Dimethylphthalate	9.59	163	127774	10.09	ng		98
56) 2,4-Dinitrotoluene	9.88	165	21371	5.97	ng	#	23
62) Azobenzene	10.59	77	60809	5.34	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	9550	3.94	ng	#	1
70) Phenanthrene	11.39	178	54402	4.11	ng		96
74) Fluoranthene	12.59	202	74800	5.57	ng		97
77) Pyrene	12.82	202	68178	5.02	ng		98
80) Benzo(a)anthracene	14.00	228	36216	3.36	ng		97
82) Chrysene	14.04	228	29541	2.88	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	18374	2.24	ng		96
87) Benzo(b)fluoranthene	15.06	252	57457	4.93	ng	#	95
88) Benzo(k)fluoranthene	15.06	252	57457	4.99	ng	#	96
89) Benzo(a)pyrene	15.43	252	31469	2.94	ng	#	92

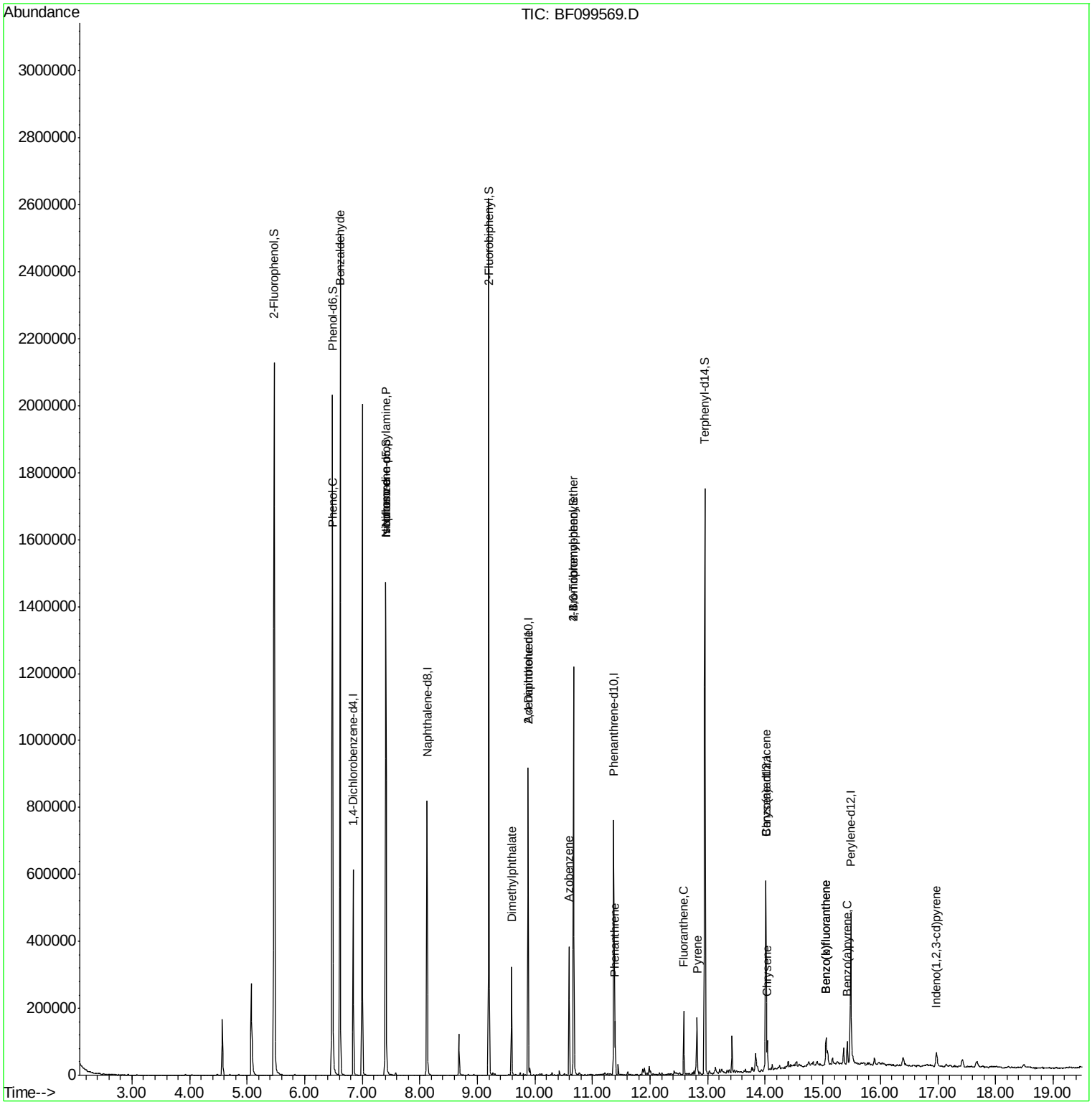
(#) = qualifier out of range (m) = manual integration (+) = signals summed

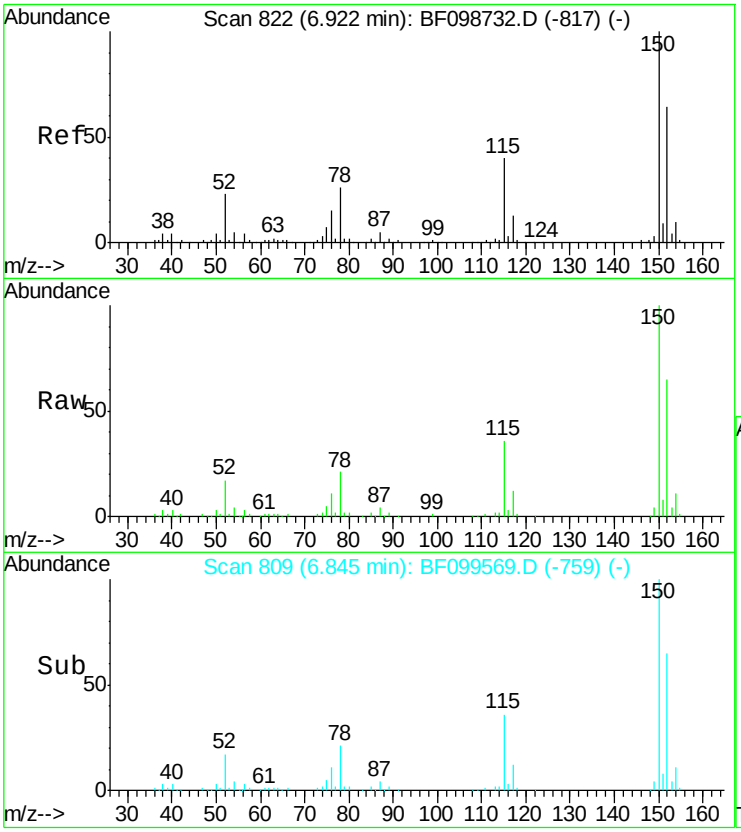
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099569.D
Acq On : 17 Oct 2017 2:52
Operator : SJ/JU
Sample : I5752-10RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 03:44:58 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



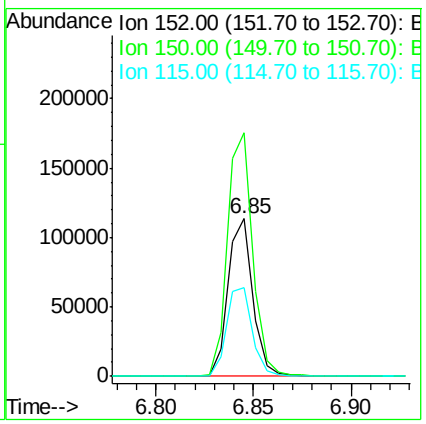


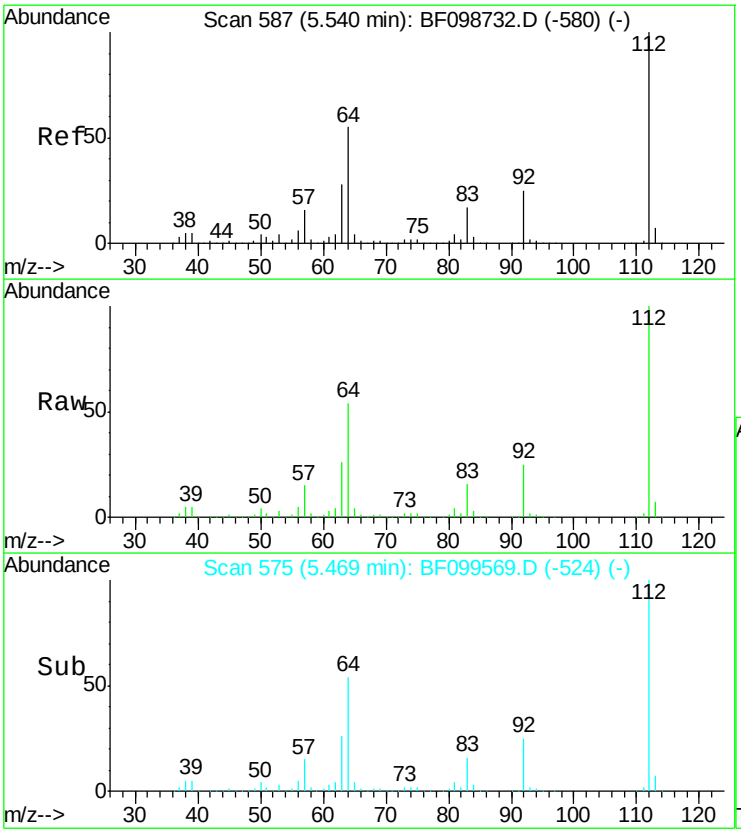
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99429

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.2	50.1	75.1

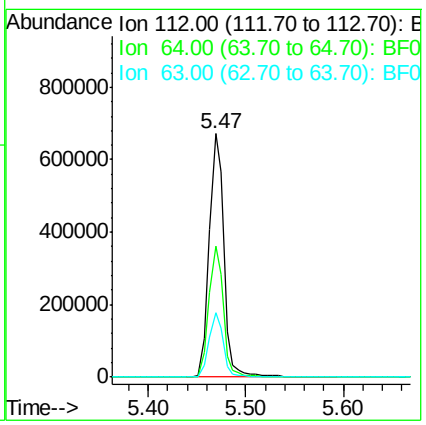


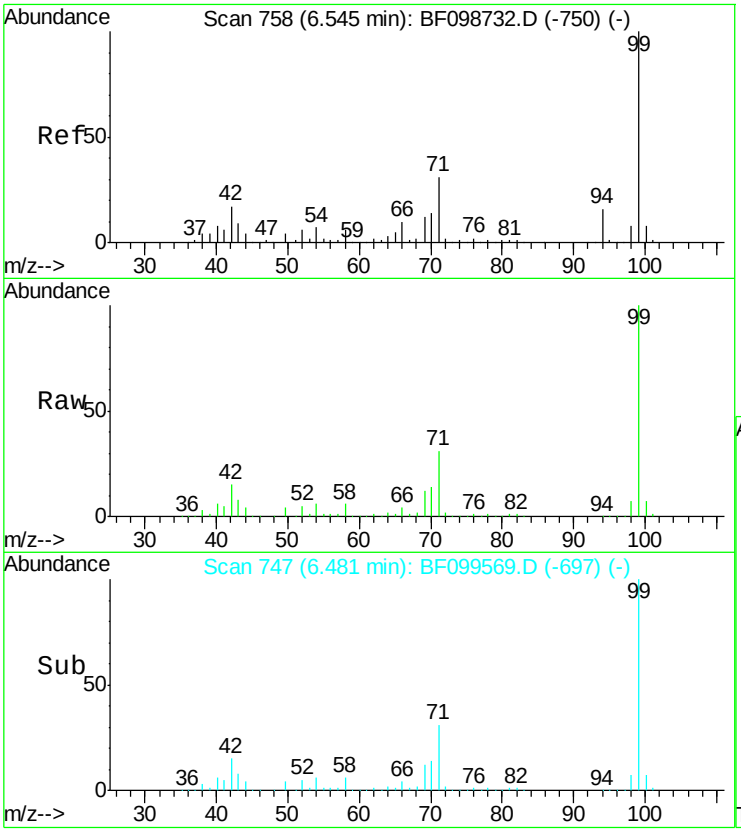


#5
2-Fluorophenol
Concen: 112.84 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:112 Resp: 704798

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.4	23.7	35.5



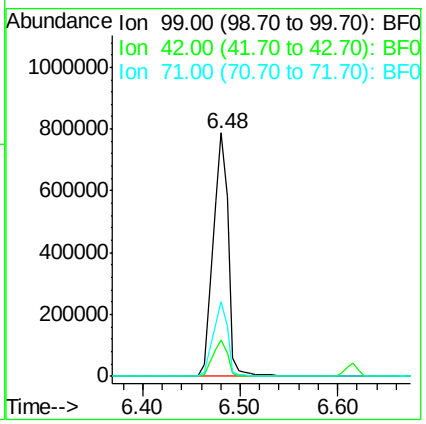


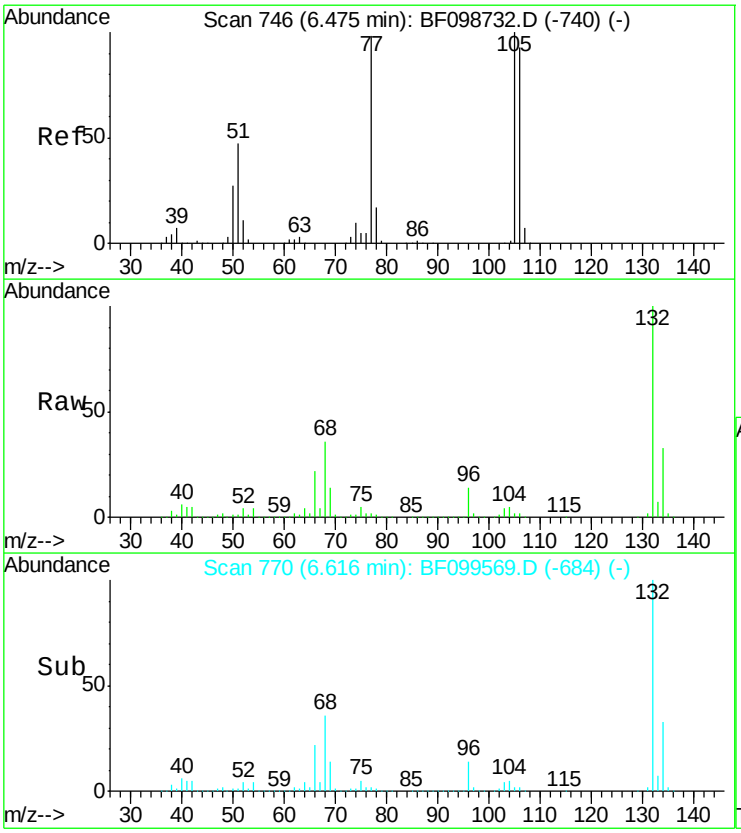
#7
Phenol-d6
Concen: 108.88 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 838890

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	30.7	25.4	38.0

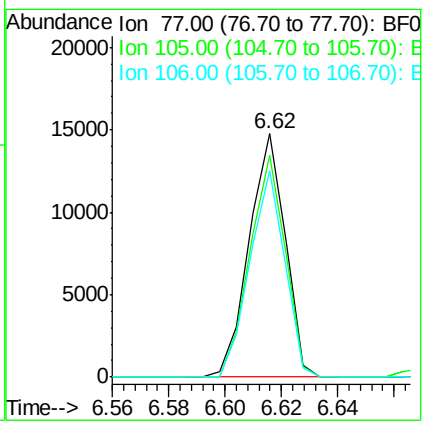


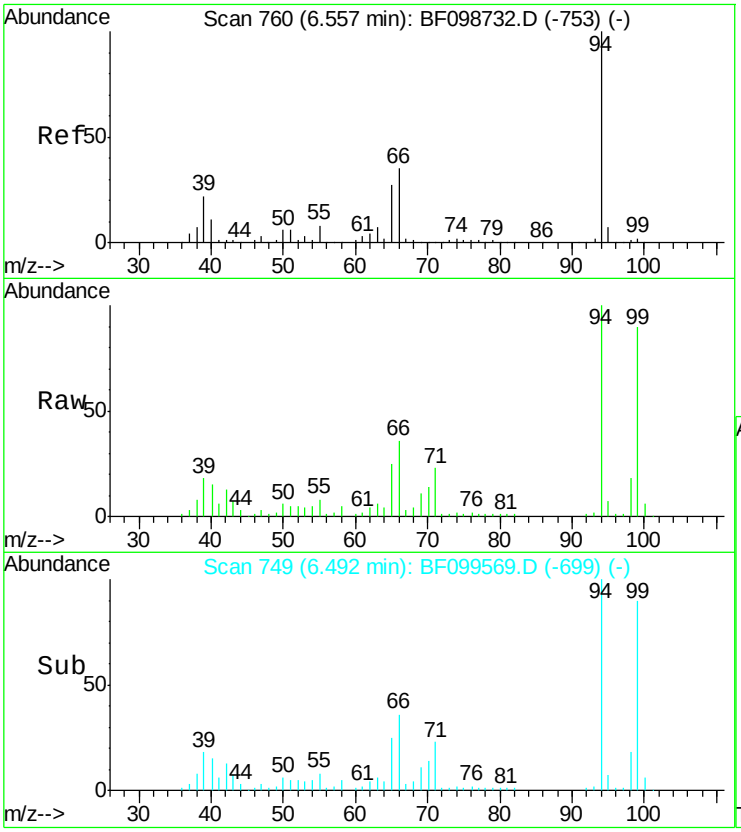


#9
Benzaldehyde
Concen: 2.92 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion: 77 Resp: 13048

Ion	Ratio	Lower	Upper
77	100		
105	91.0	81.1	121.1
106	84.9	74.5	114.5



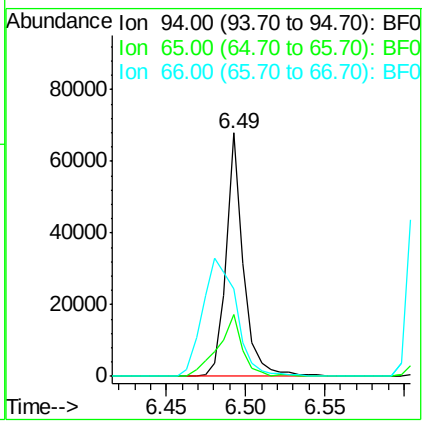


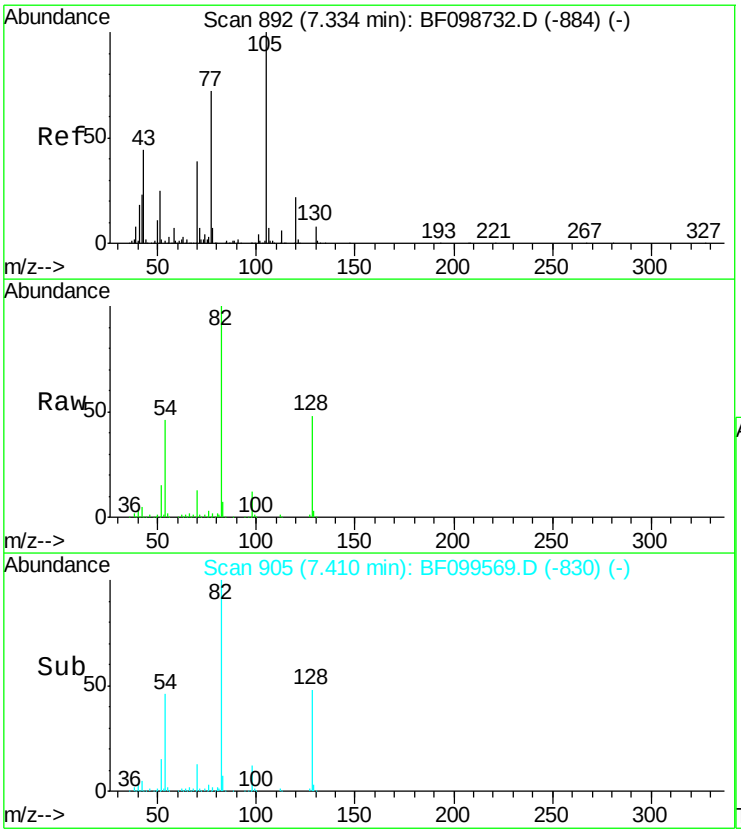
#10
Phenol
Concen: 5.91 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 50887

Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.9	47.9
66	35.8	16.2	56.2

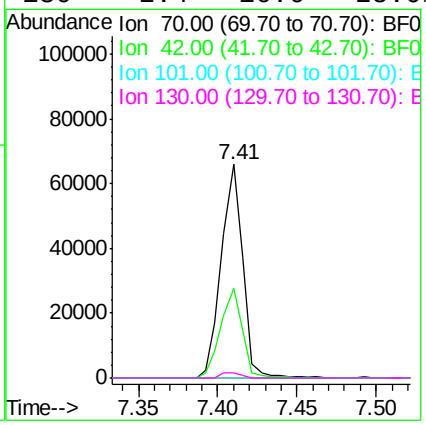


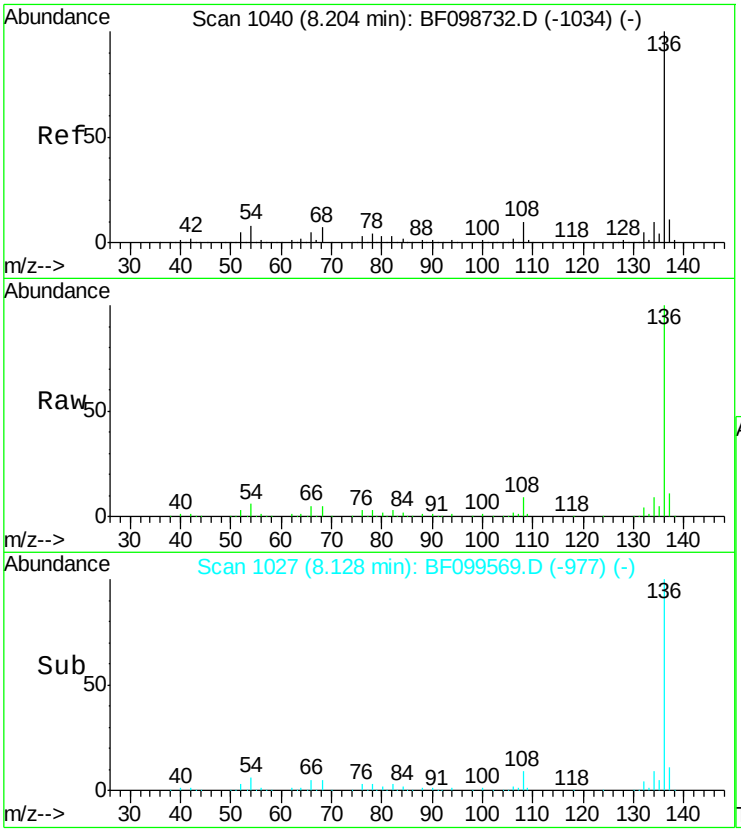


#19
n-Nitroso-di-n-propylamine
Concen: 12.66 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion: 70 Resp: 62270

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



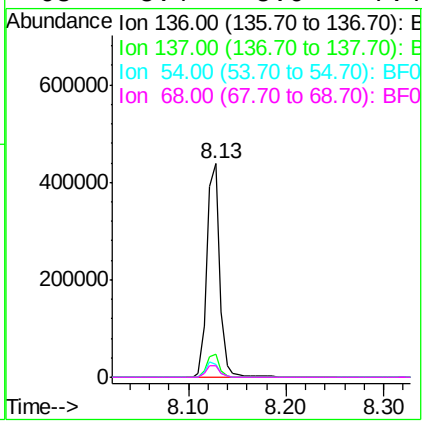


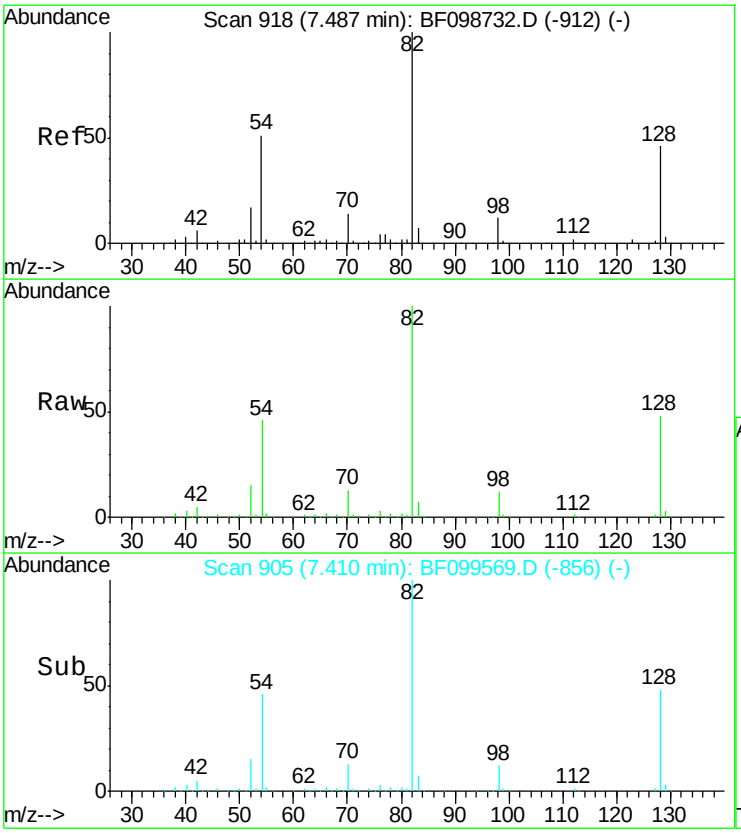
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 400421

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.9	6.6	9.8#
68	5.4	5.0	7.4

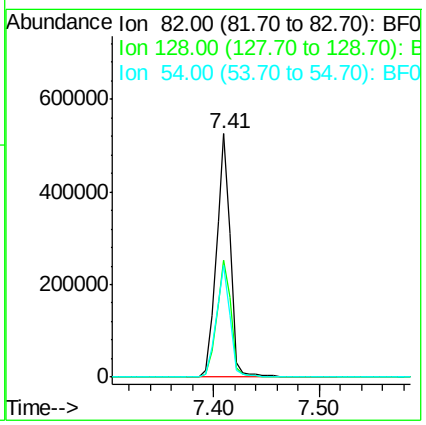


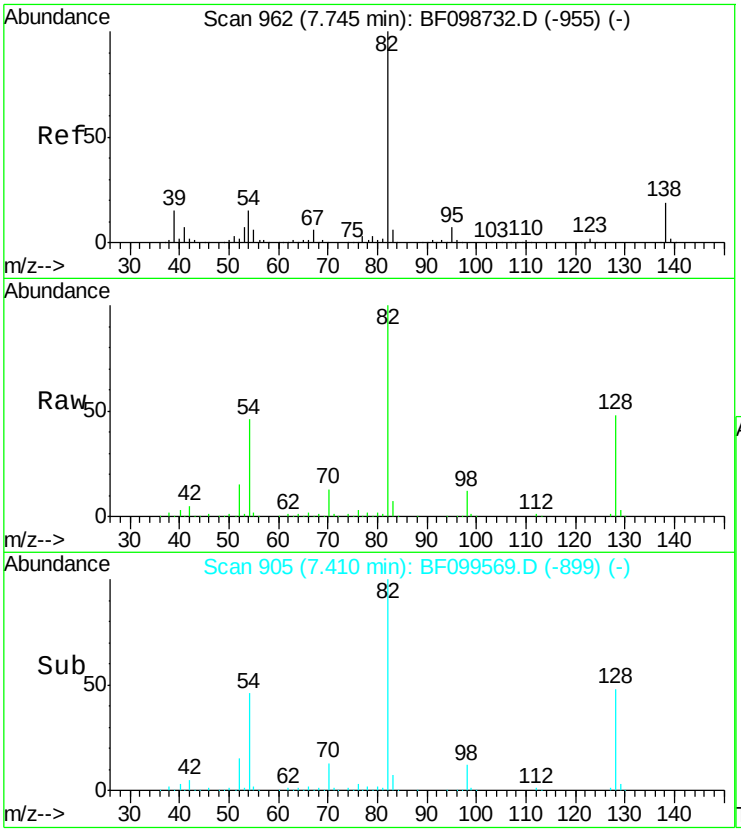


#23
Nitrobenzene-d5
Concen: 78.99 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion: 82 Resp: 493202

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	45.9	41.4	62.2



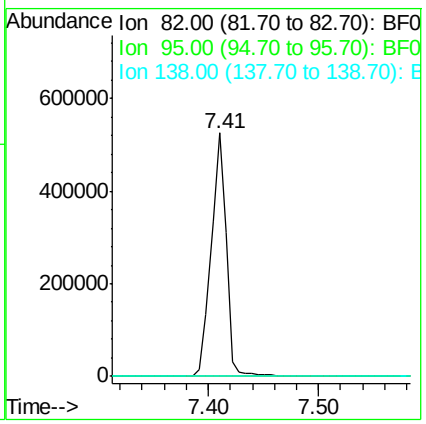


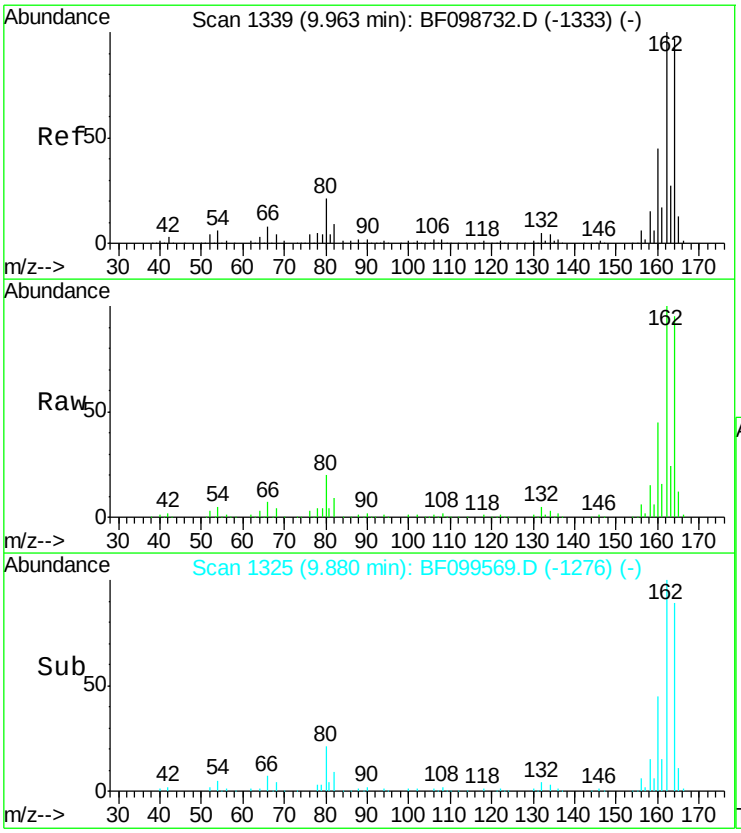
#25
Isophorone
Concen: 38.21 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 493200

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

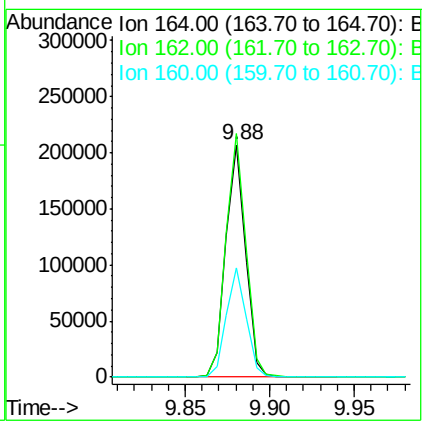


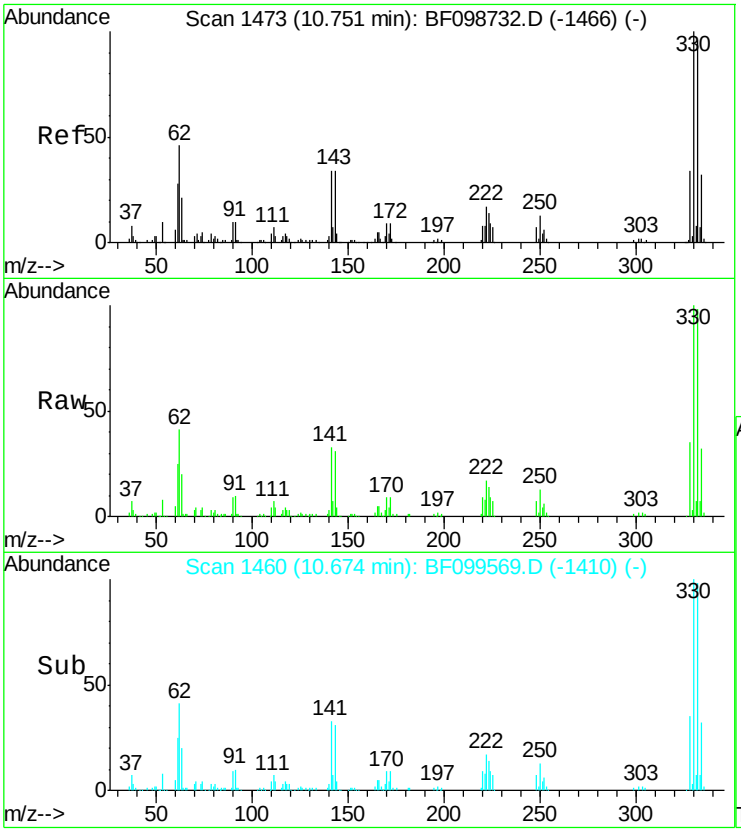


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:164 Resp: 167863

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.0	38.3	57.5



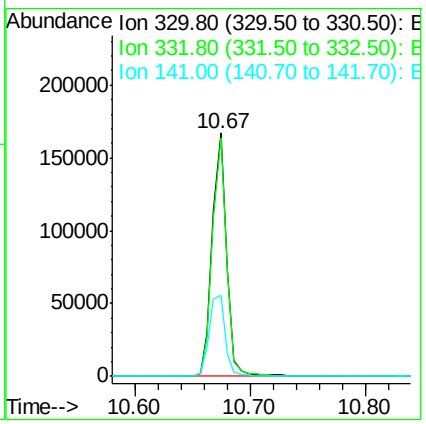


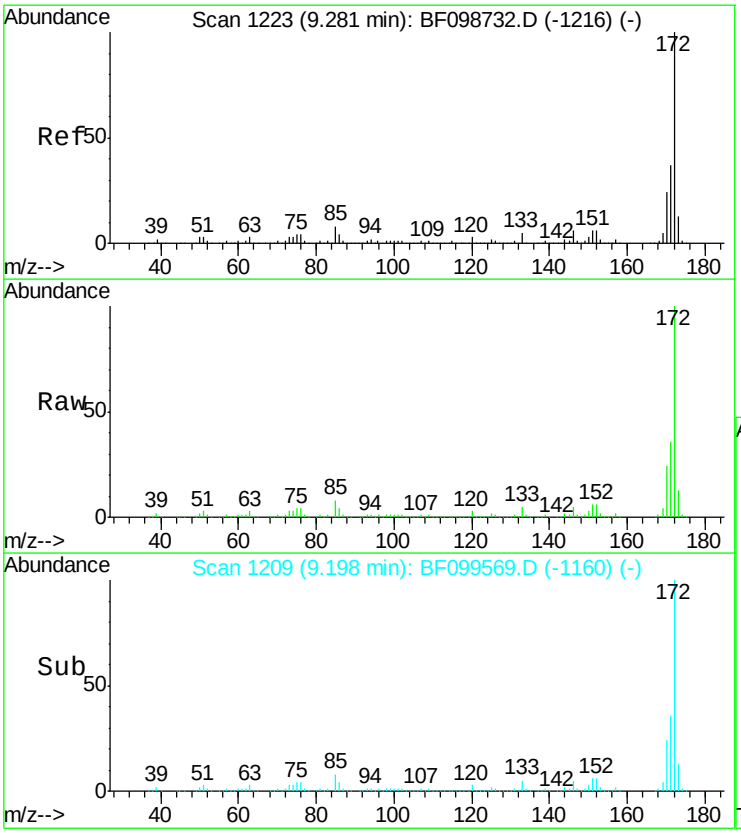
#41
2,4,6-Tribromophenol
Concen: 105.13 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 144401

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.6	29.9	44.9

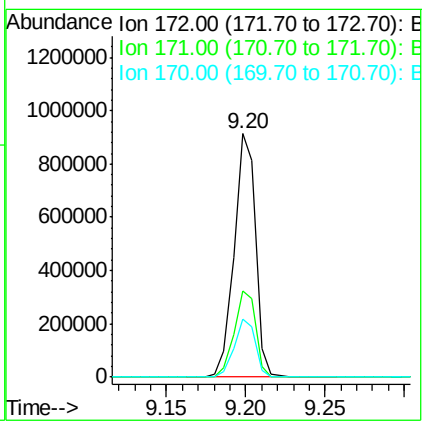


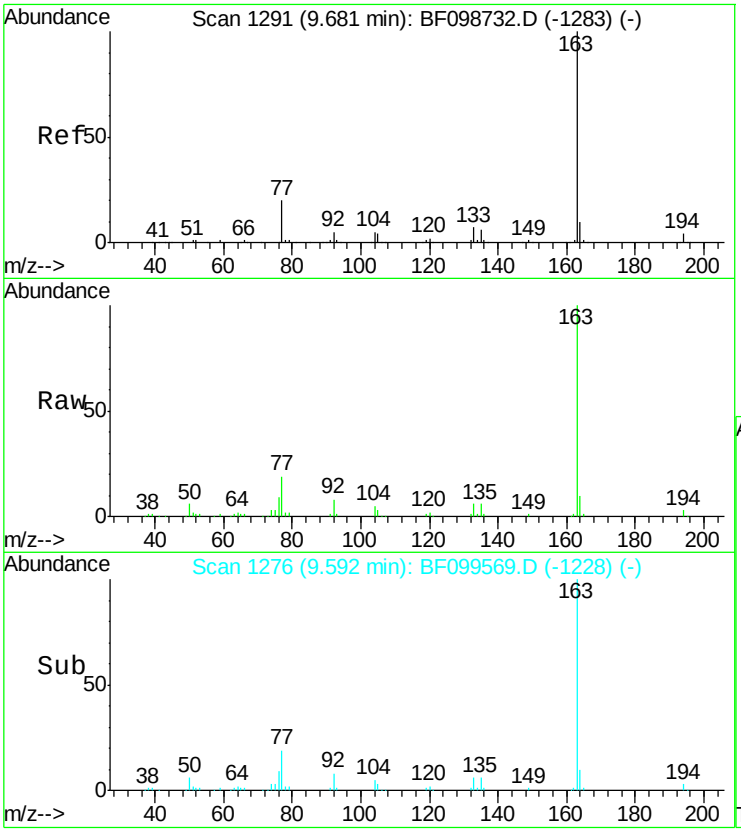


#44
2-Fluorobiphenyl
Concen: 84.97 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:172 Resp: 854343

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



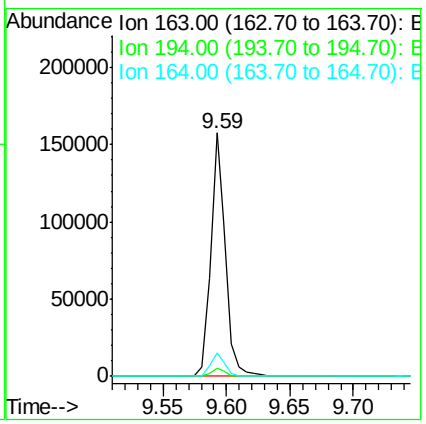


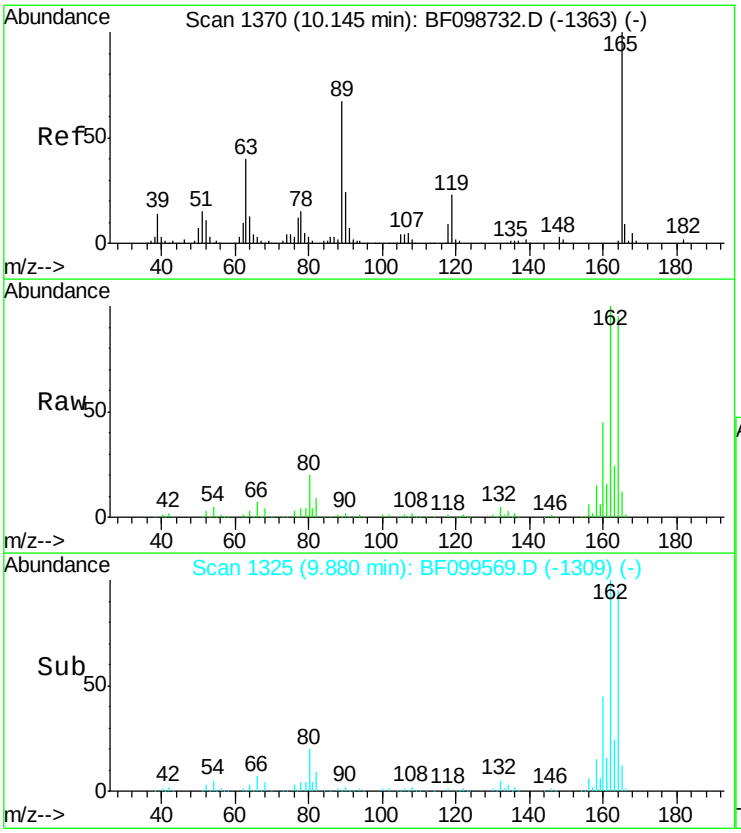
#49
Dimethylphthalate
Concen: 10.09 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 127774

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.5	8.2	12.2

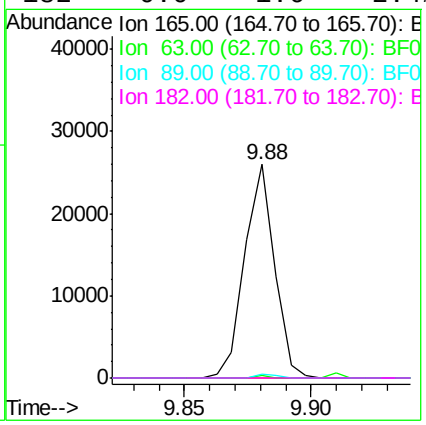


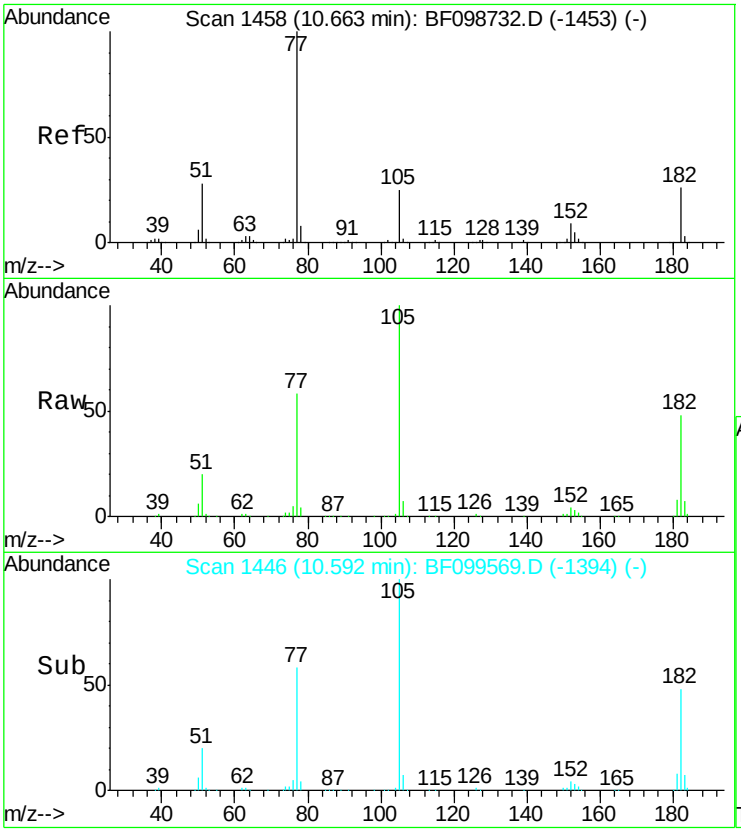


#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:165 Resp: 21371

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



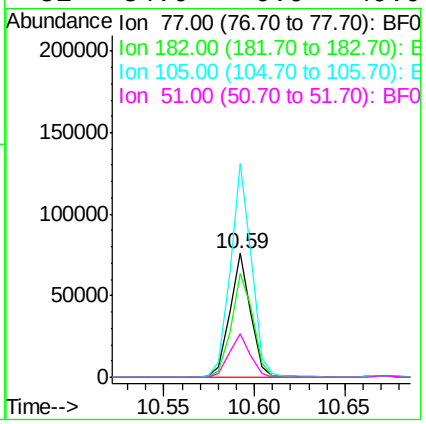


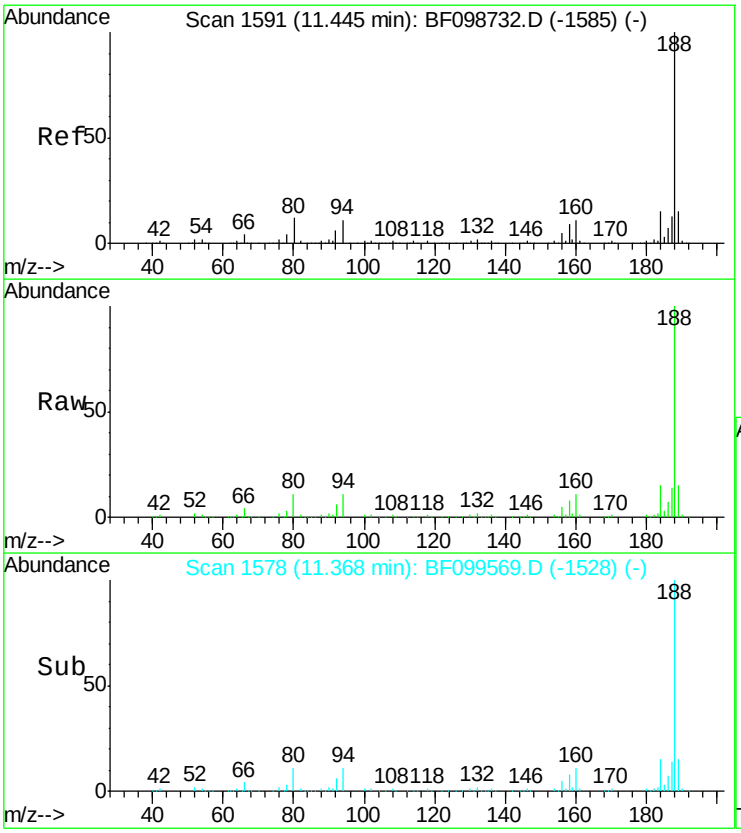
#62
Azobenzene
Concen: 5.34 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 60809

Ion	Ratio	Lower	Upper
77	100		
182	83.4	1.7	41.7#
105	172.2	3.0	43.0#
51	34.6	9.9	49.9

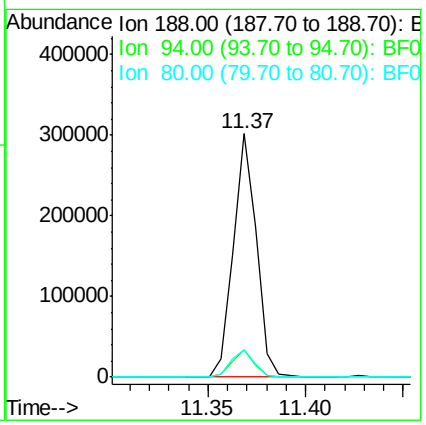


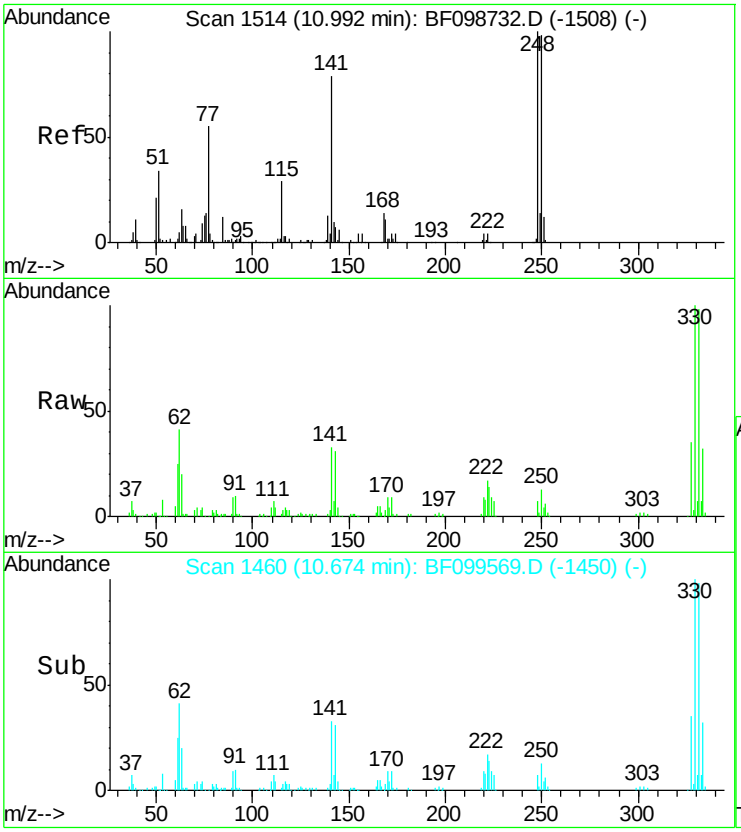


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:188 Resp: 247550

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.4	9.2	13.8



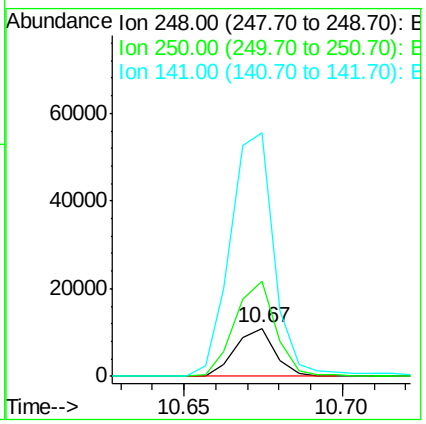


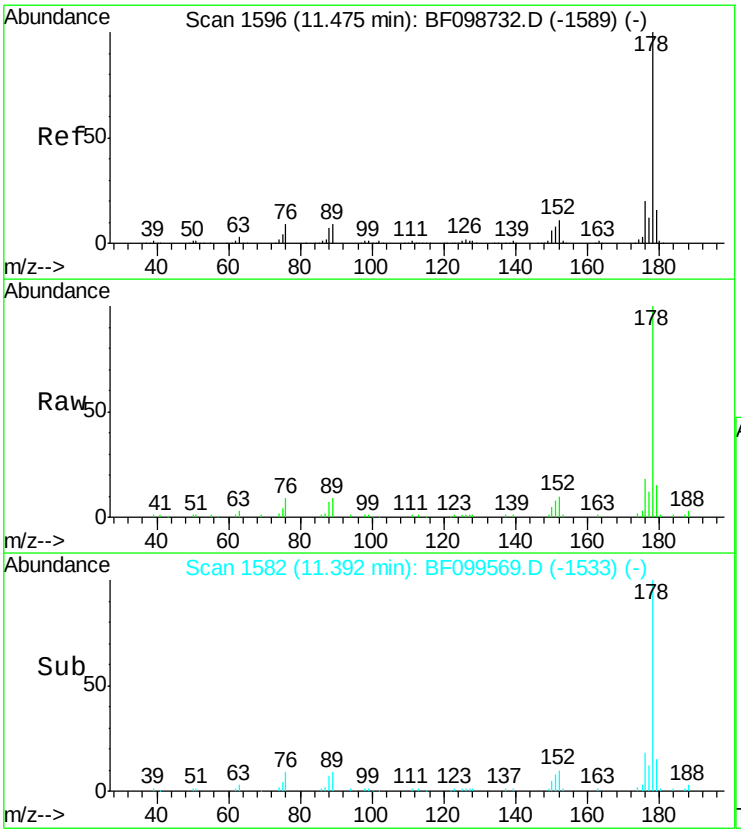
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9550

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.9	115.3#
141	508.9	74.4	111.6#

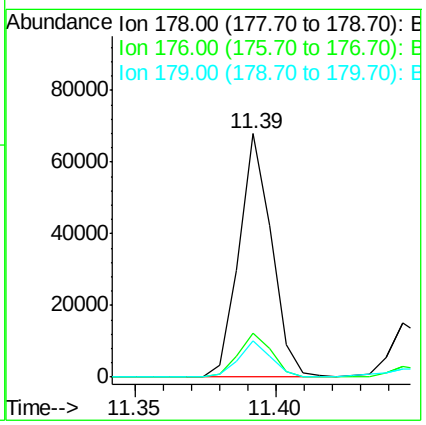


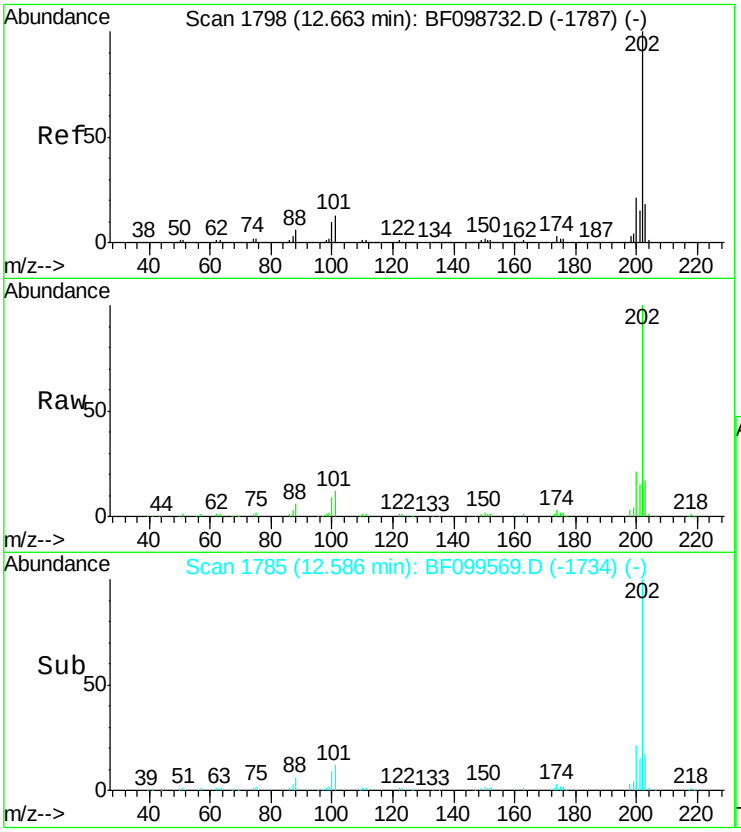


#70
Phenanthrene
Concen: 4.11 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:178 Resp: 54402

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	14.7	13.0	19.6



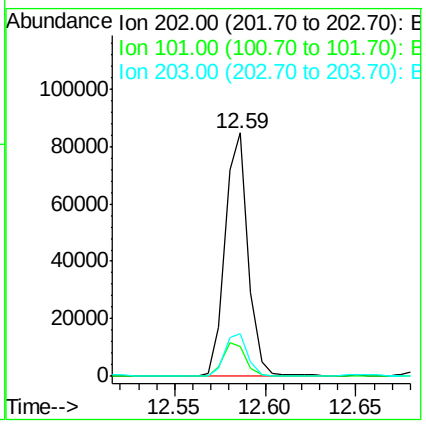


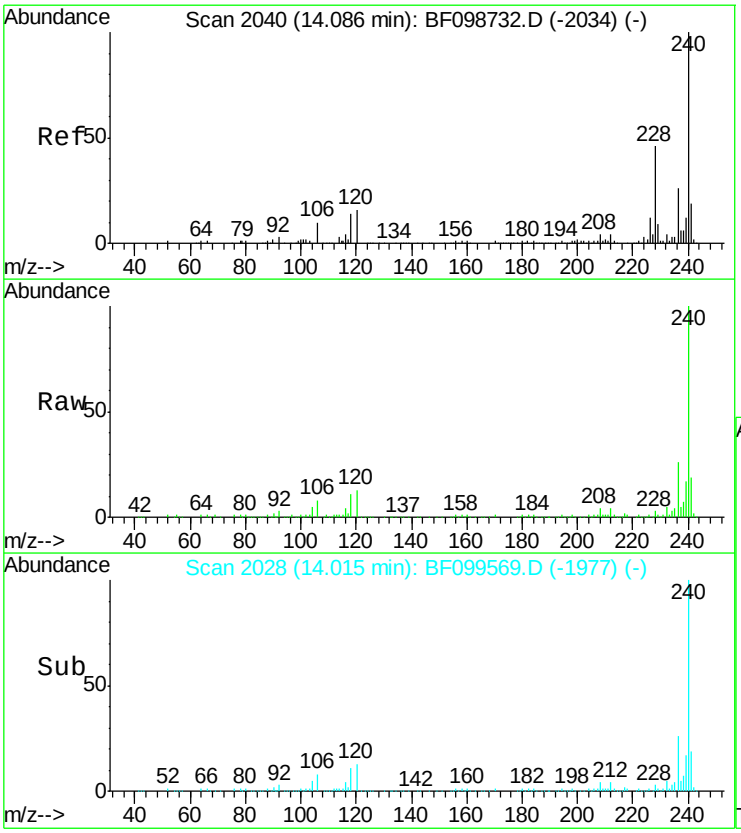
#74
Fluoranthene
Concen: 5.57 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 74800

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.3	0.0	38.1

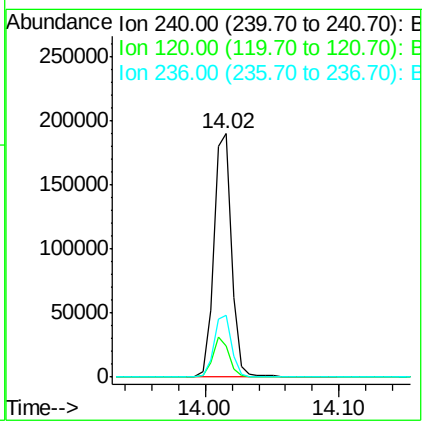


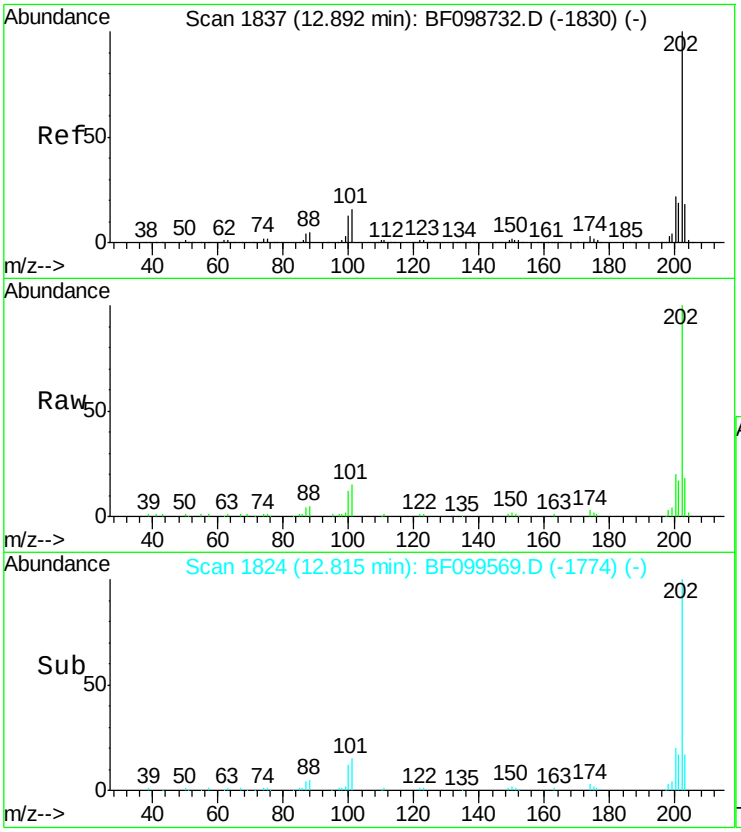


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:240 Resp: 177968

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.5	20.7	31.1



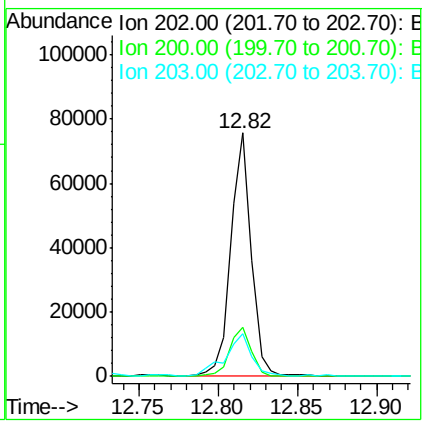


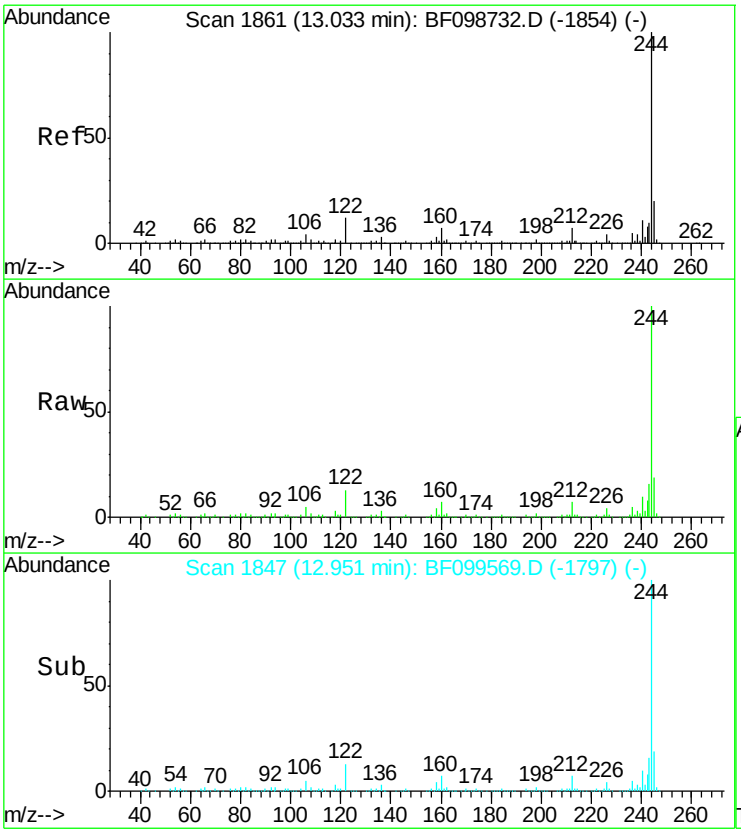
#77
Pyrene
Concen: 5.02 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 68178

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.6	14.3	21.5

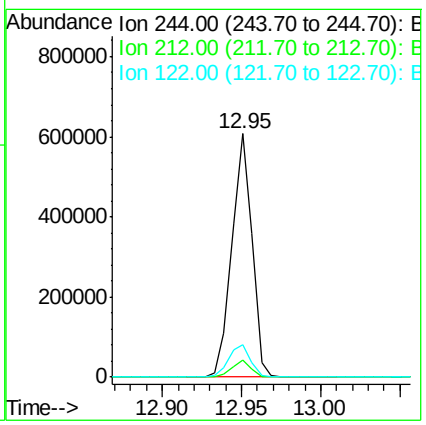


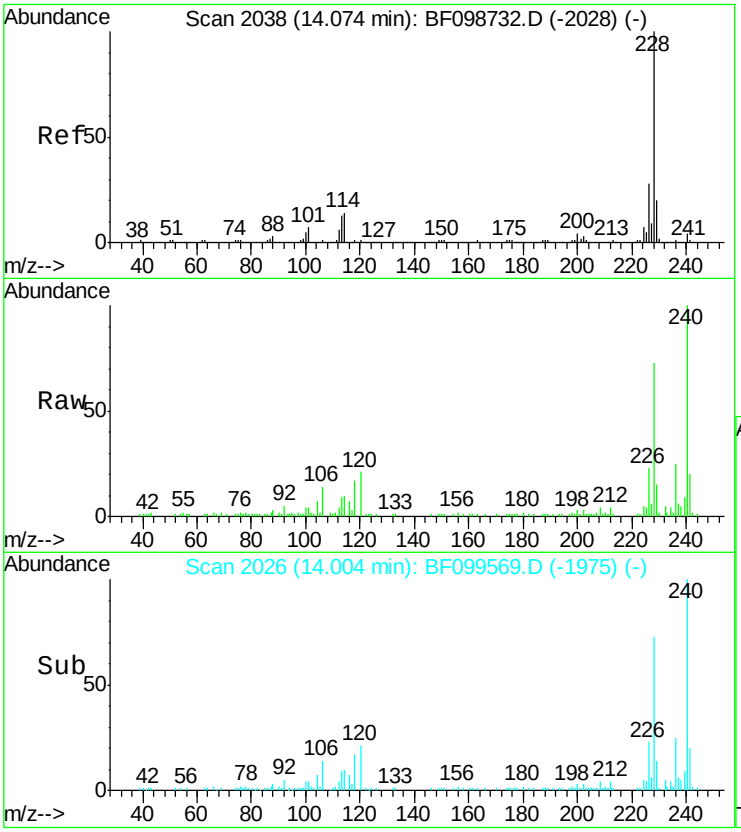


#78
Terphenyl-d14
Concen: 68.41 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:244 Resp: 535351

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4



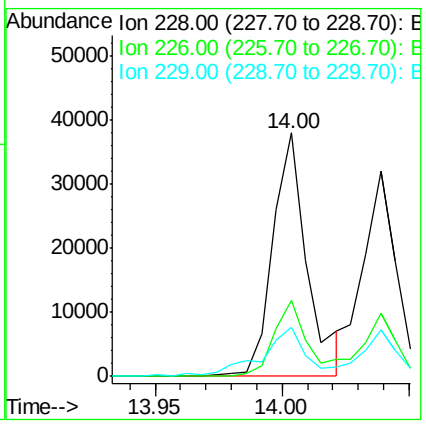


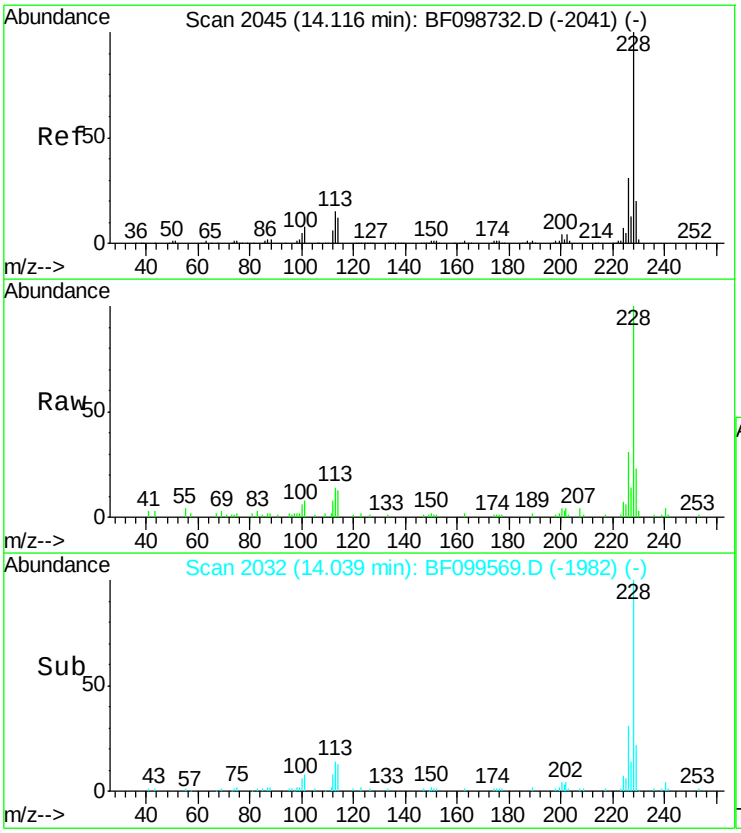
#80
Benzo(a)anthracene
Concen: 3.36 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 36216

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	20.1	15.8	23.6

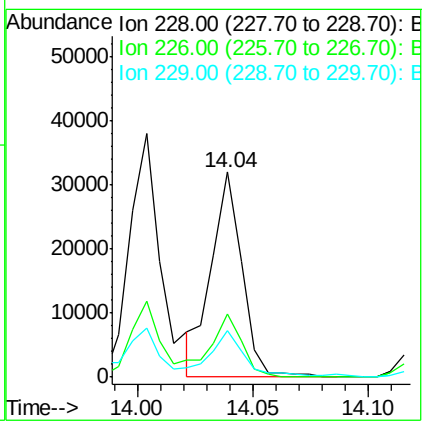


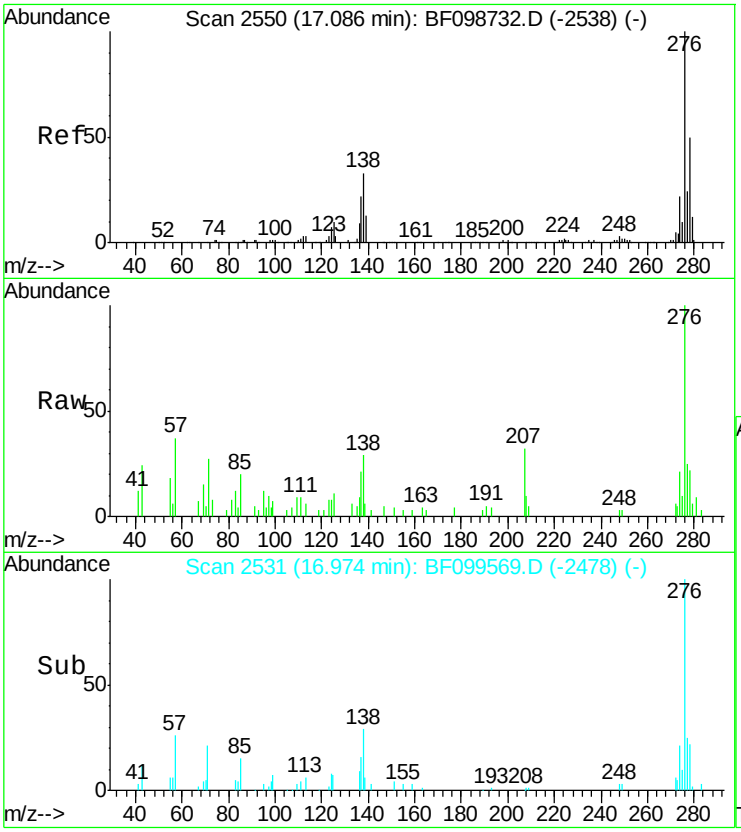


#82
Chrysene
Concen: 2.88 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:228 Resp: 29541

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.0	16.2	24.4



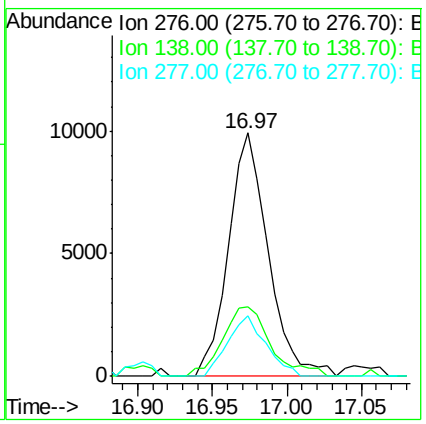


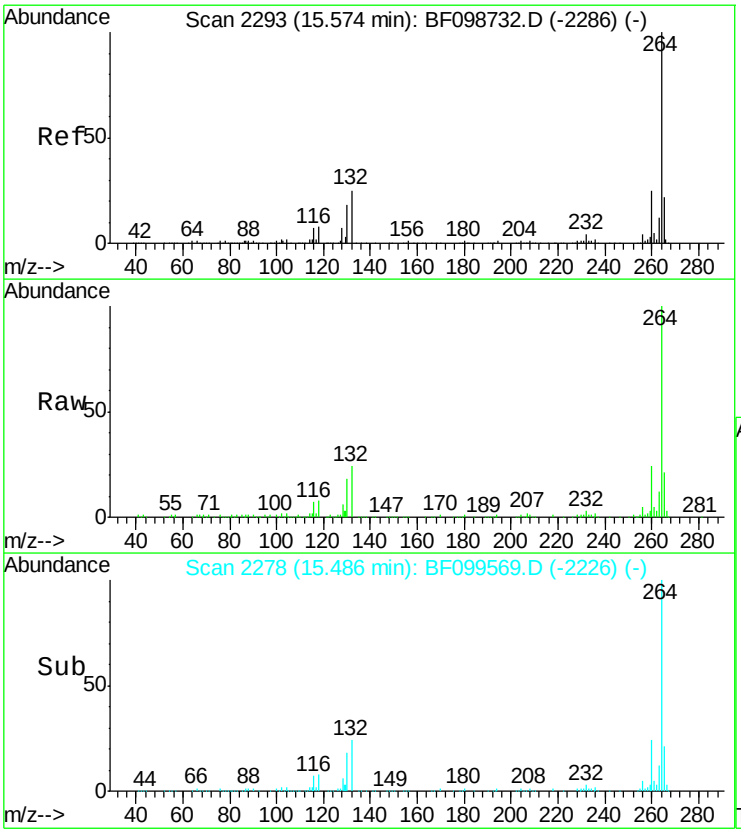
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.24 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 18374

Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	23.7	20.1	30.1

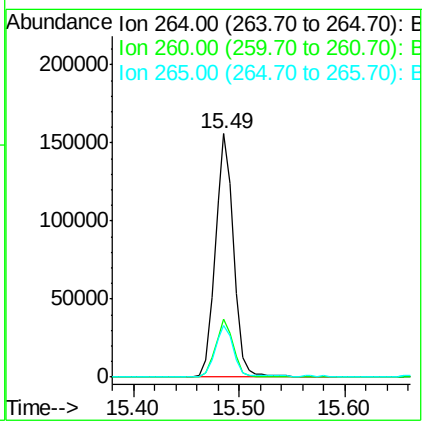


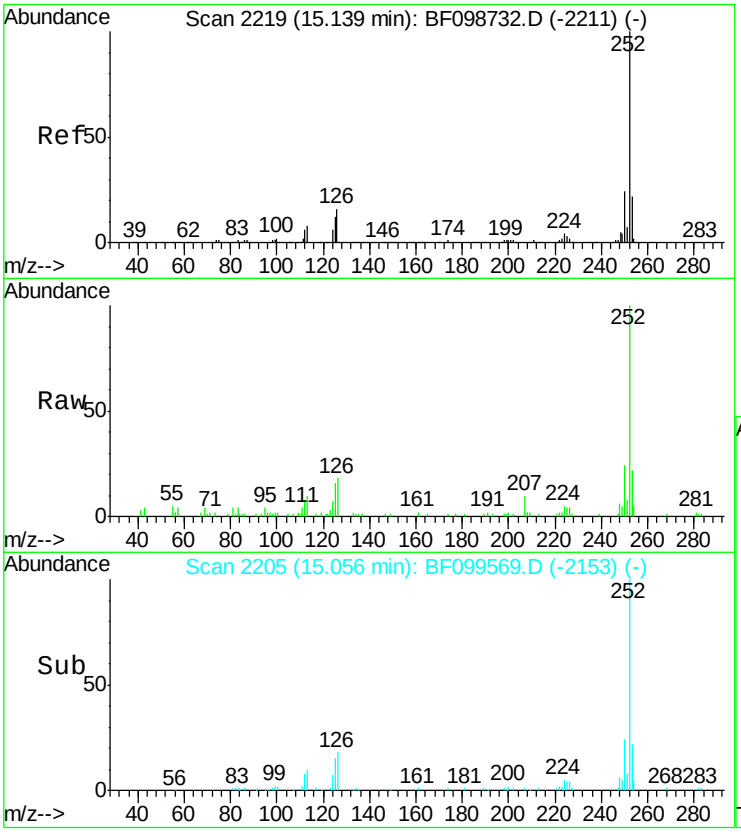


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:264 Resp: 189713

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3



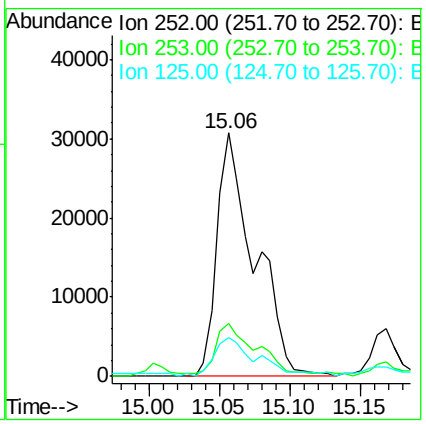


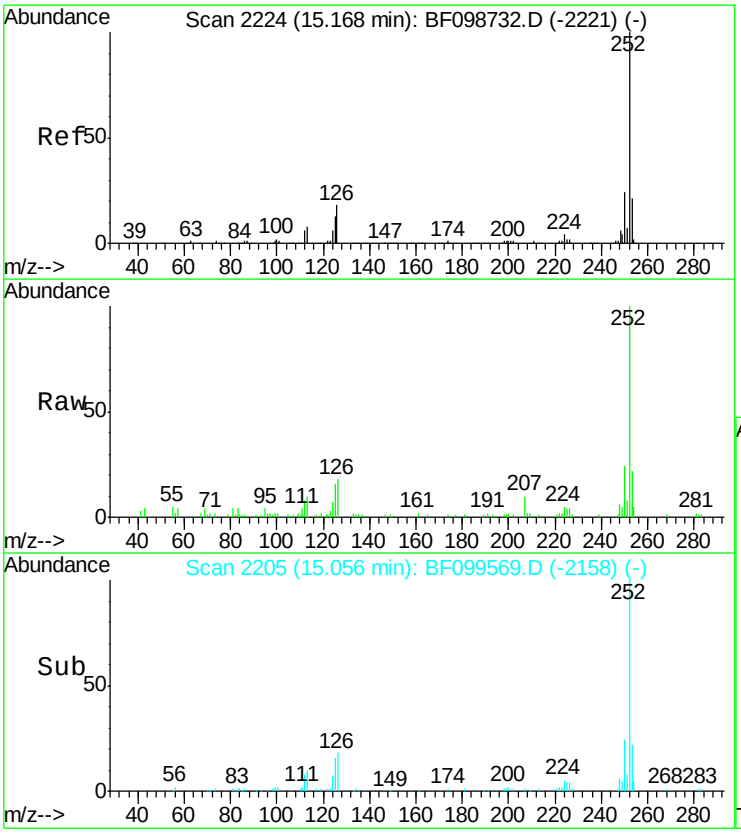
#87
Benzo(b)fluoranthene
Concen: 4.93 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57457

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	16.1	9.0	13.6#

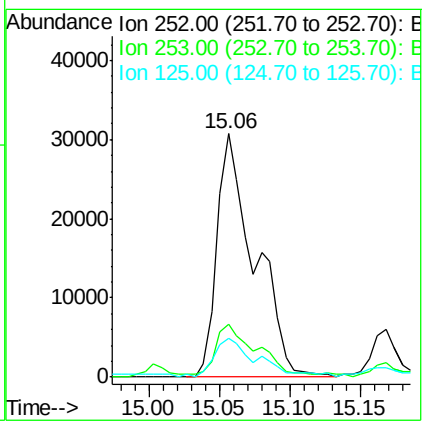


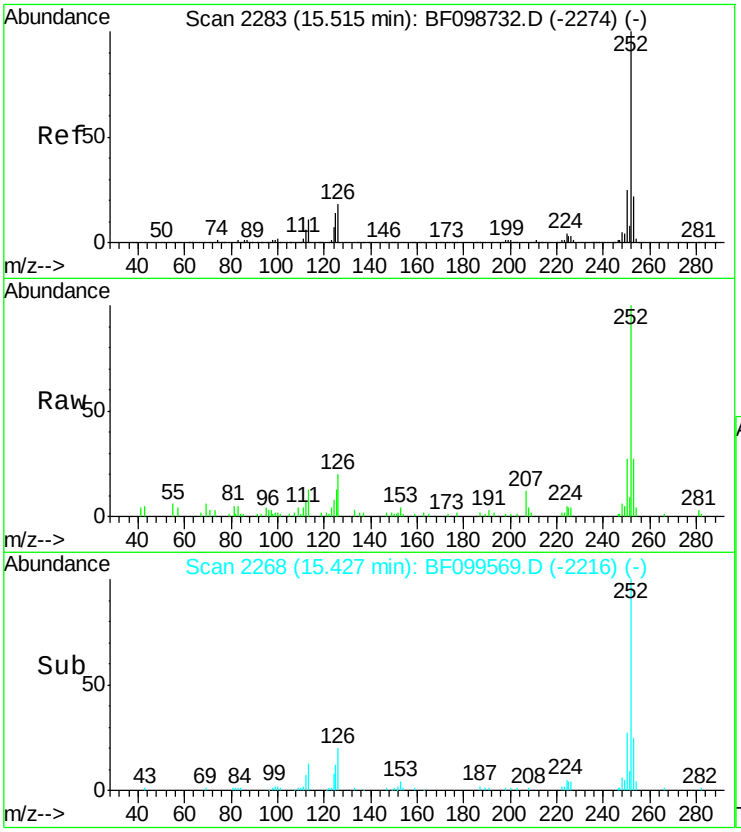


#88
Benzo(k)fluoranthene
Concen: 4.99 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Tgt Ion:252 Resp: 57457

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	16.1	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.94 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099569.D
Acq: 17 Oct 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 31469

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7#
125	13.4	9.8	14.6