Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099514.D
Acq On : 15 Oct 2017 15:26
Operator : SJ/JU
Sample : I5752-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 16 01:05:57 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	98532	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	399532	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	164869	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	246272	20.00	ng		0.00
75) Chrysene-d12	14.01	240	172237	20.00	ng		0.00
86) Perylene-d12	15.48	264	175584	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	608801	98.36	ng		0.00
7) Phenol-d6	6.48	99	720900	94.41	ng		0.00
23) Nitrobenzene-d5	7.41	82	429726	68.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	119595	88.65	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	727963	73.71	ng		-0.01
78) Terphenyl-d14	12.95	244	442720	58.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	12038	2.72	ng		87
10) Phenol	6.49	94	43185	5.06	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	55186	11.32	ng	#	70
25) Isophorone	7.41	82	429721	33.36	ng	#	64
49) Dimethylphthalate	9.59	163	238815	19.19	ng		100
56) 2,4-Dinitrotoluene	9.88	165	21200	6.03	ng	#	21
62) Azobenzene	10.59	77	141240	12.63	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	8065	3.35	ng	#	1
70) Phenanthrene	11.39	178	32083	2.43	ng		97
74) Fluoranthene	12.58	202	58903	4.41	ng		98
77) Pyrene	12.81	202	55748	4.24	ng		98
80) Benzo(a)anthracene	14.00	228	26704	2.56	ng		98
82) Chrysene	14.04	228	26701	2.69	ng		95
85) Indeno(1,2,3-cd)pyrene	16.97	276	16850	2.12	ng		95
87) Benzo(b)fluoranthene	15.06	252	51162	4.74	ng	#	93
88) Benzo(k)fluoranthene	15.06	252	51162	4.80	ng	#	96
89) Benzo(a)pyrene	15.42	252	27276	2.75	ng	#	94

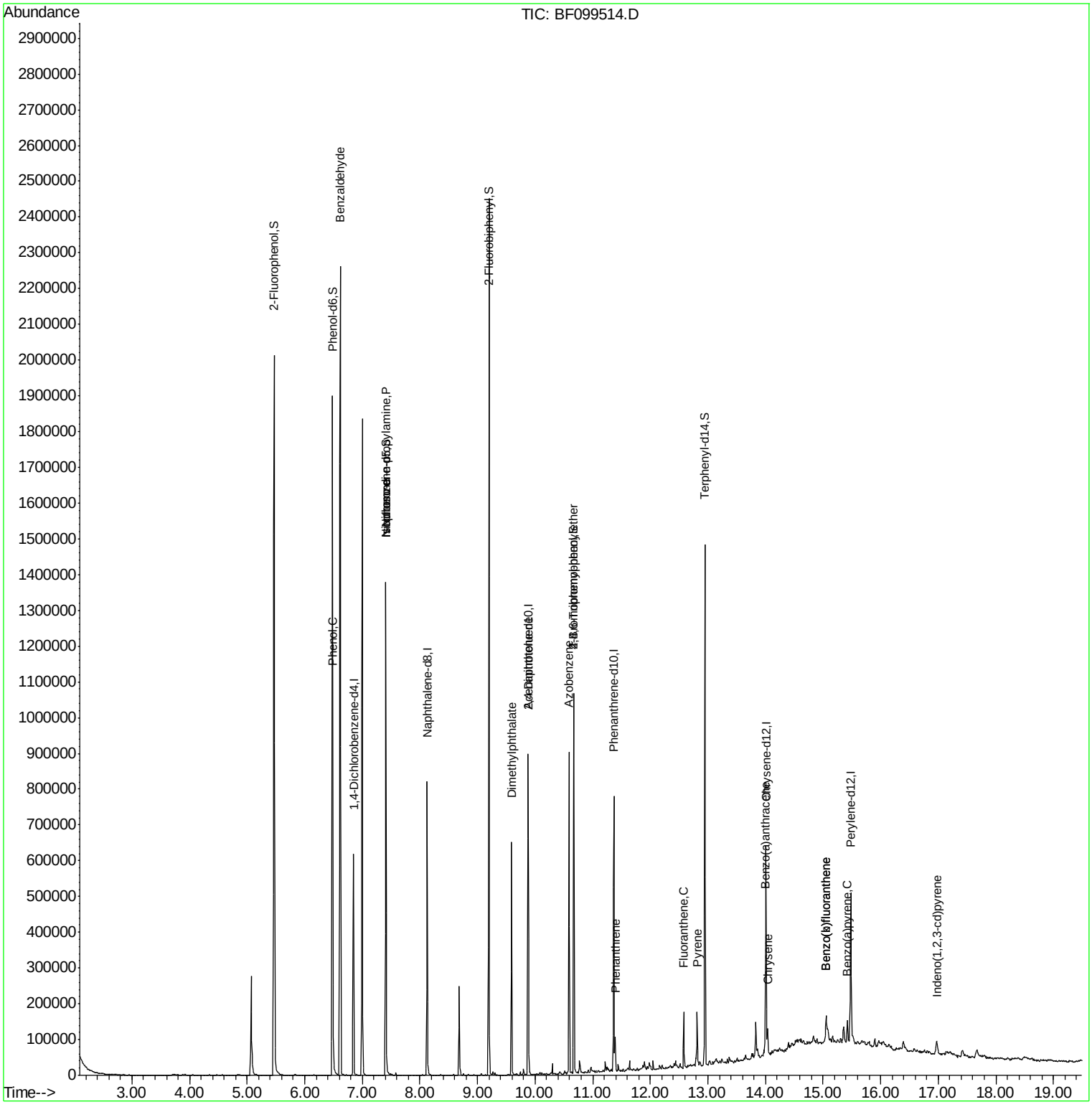
(#) = qualifier out of range (m) = manual integration (+) = signals summed

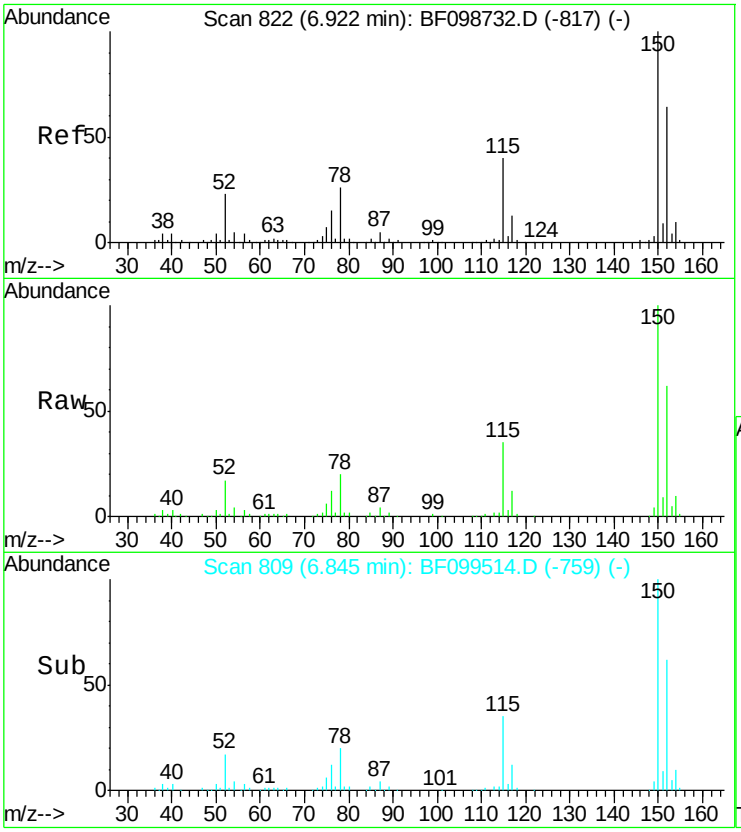
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099514.D
Acq On : 15 Oct 2017 15:26
Operator : SJ/JU
Sample : I5752-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 01:05:57 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



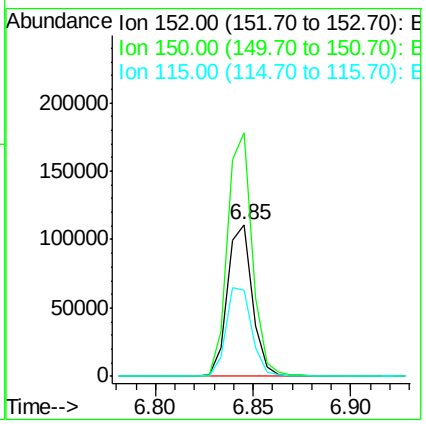


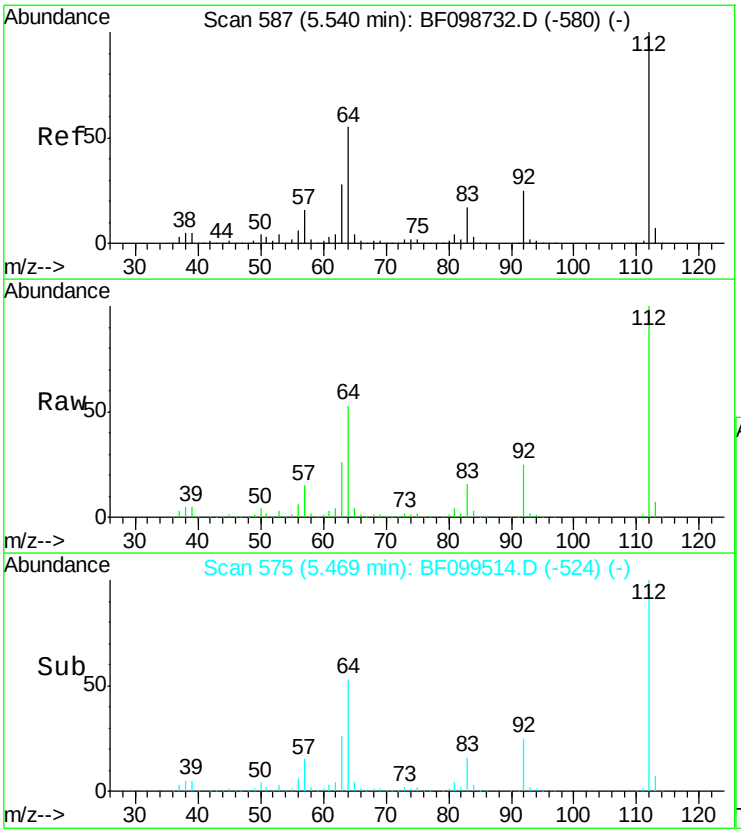
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98532

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	56.9	50.1	75.1

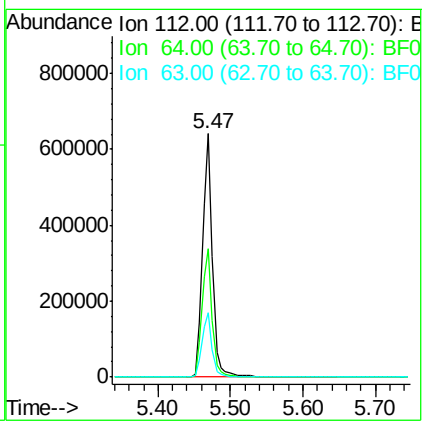


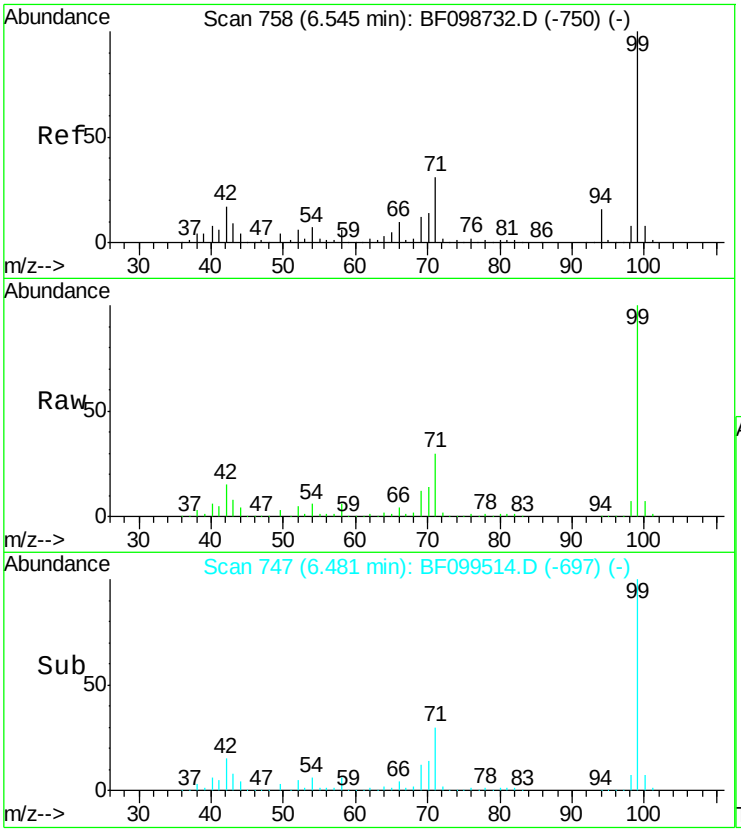


#5
2-Fluorophenol
Concen: 98.36 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:112 Resp: 608801

Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.4	23.7	35.5



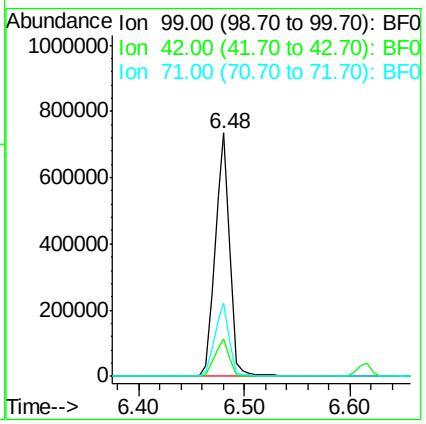


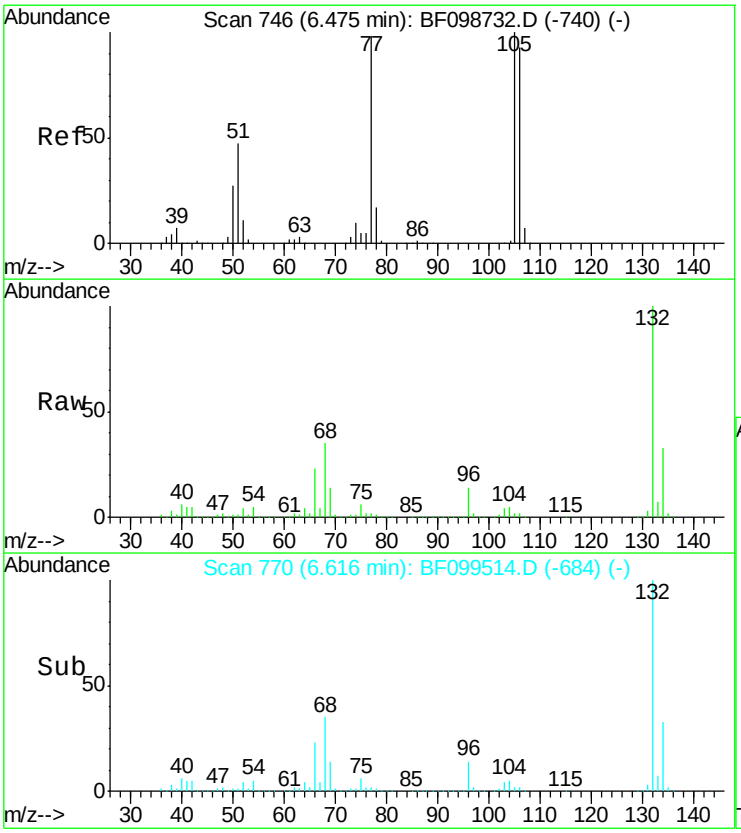
#7
Phenol-d6
Concen: 94.41 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 720900

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	30.2	25.4	38.0

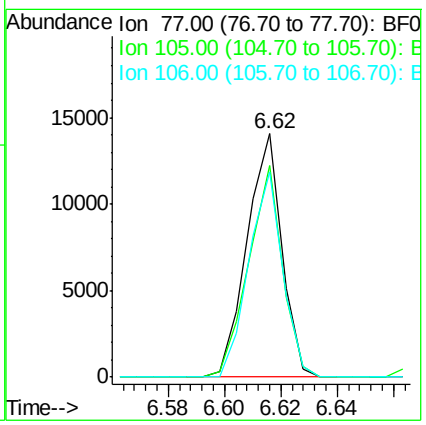


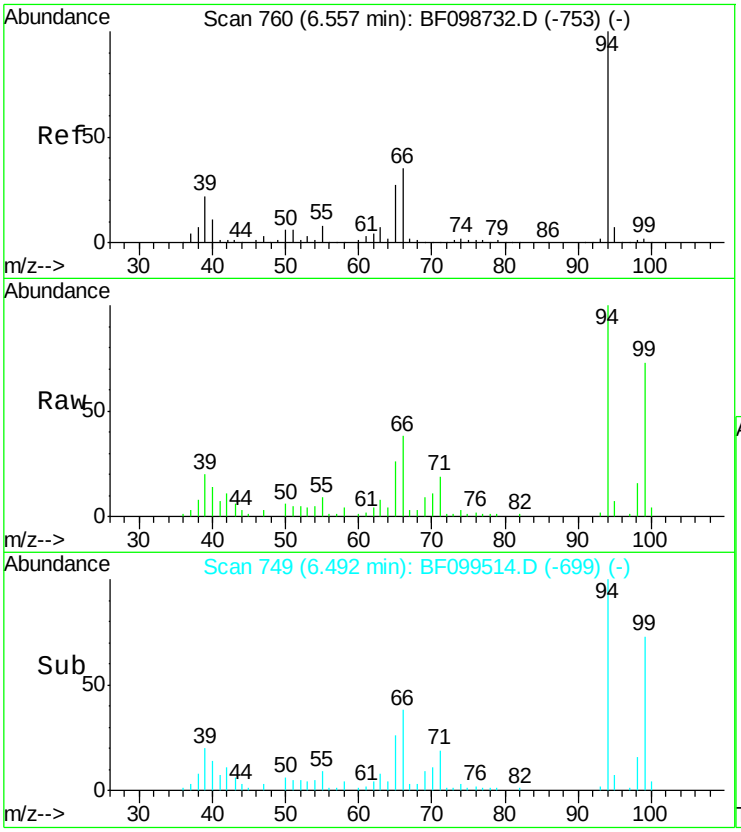


#9
Benzaldehyde
Concen: 2.72 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion: 77 Resp: 12038

Ion	Ratio	Lower	Upper
77	100		
105	86.8	81.1	121.1
106	84.2	74.5	114.5



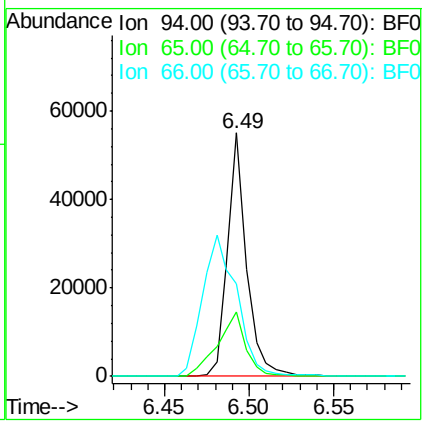


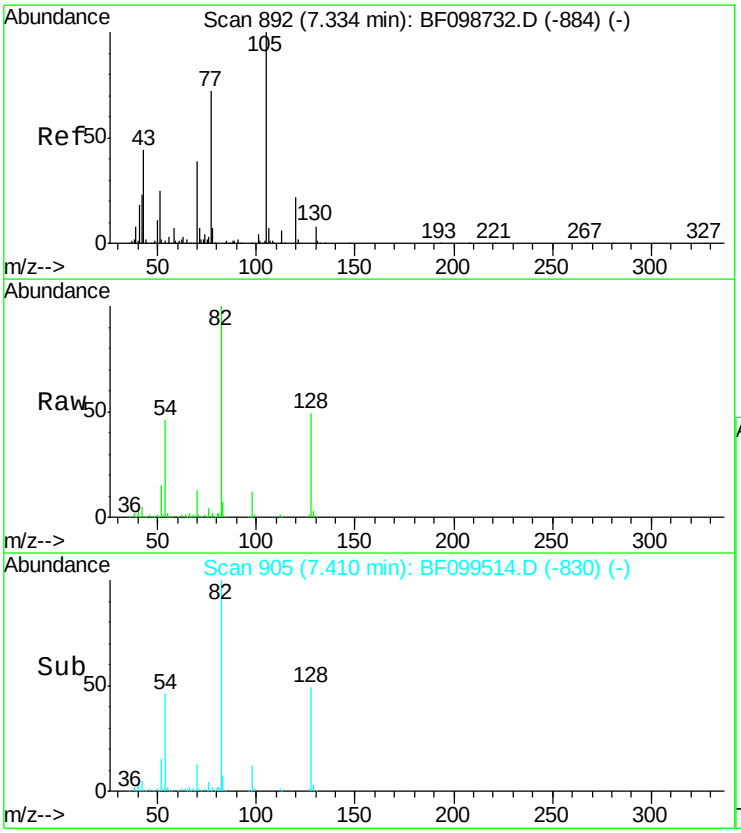
#10
Phenol
Concen: 5.06 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 43185

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.9	47.9
66	38.0	16.2	56.2

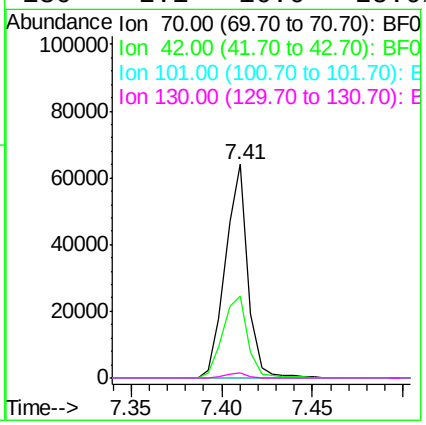


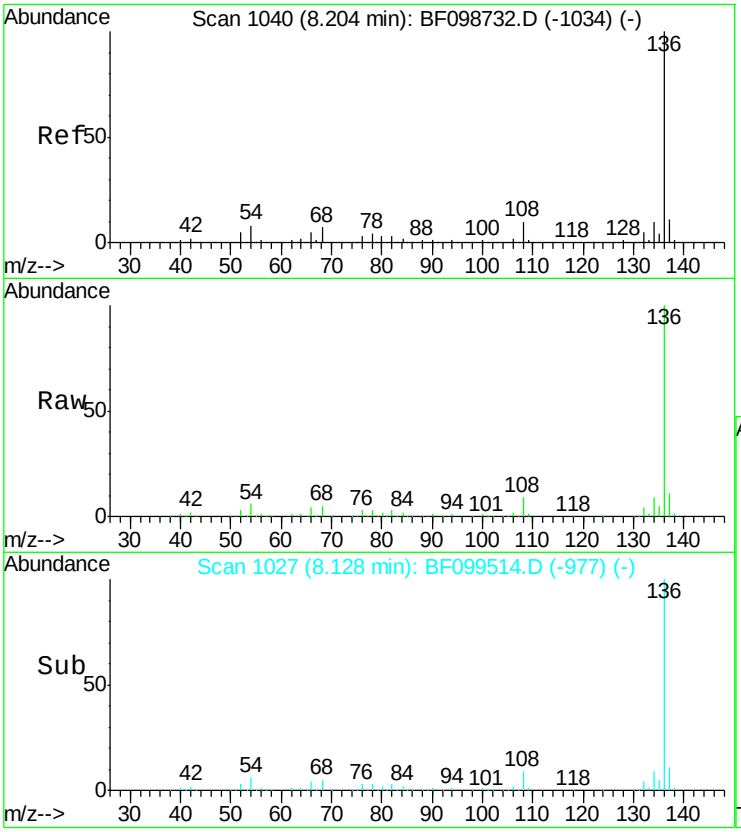


#19
n-Nitroso-di-n-propylamine
Concen: 11.32 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion: 70 Resp: 55186

Ion	Ratio	Lower	Upper
70	100		
42	38.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



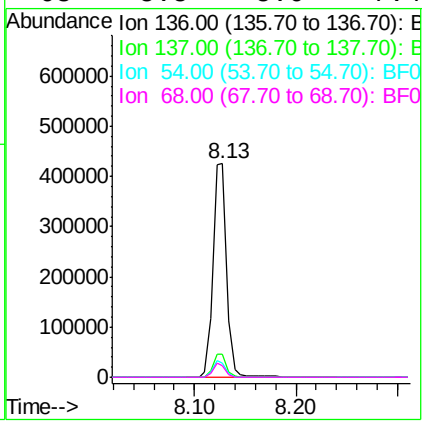


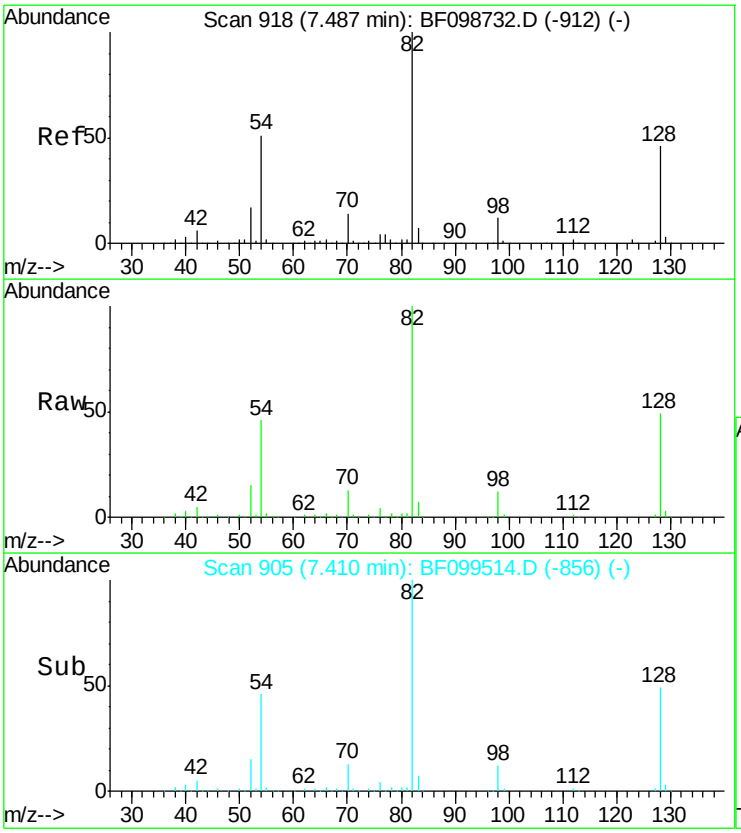
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 399532

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4

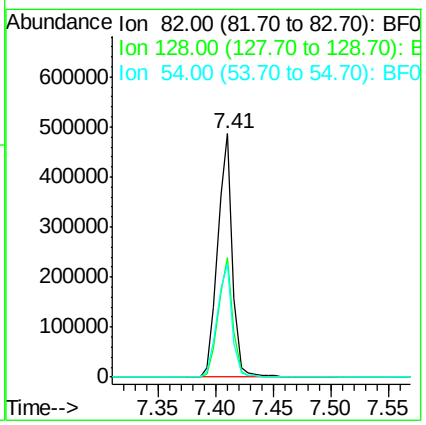


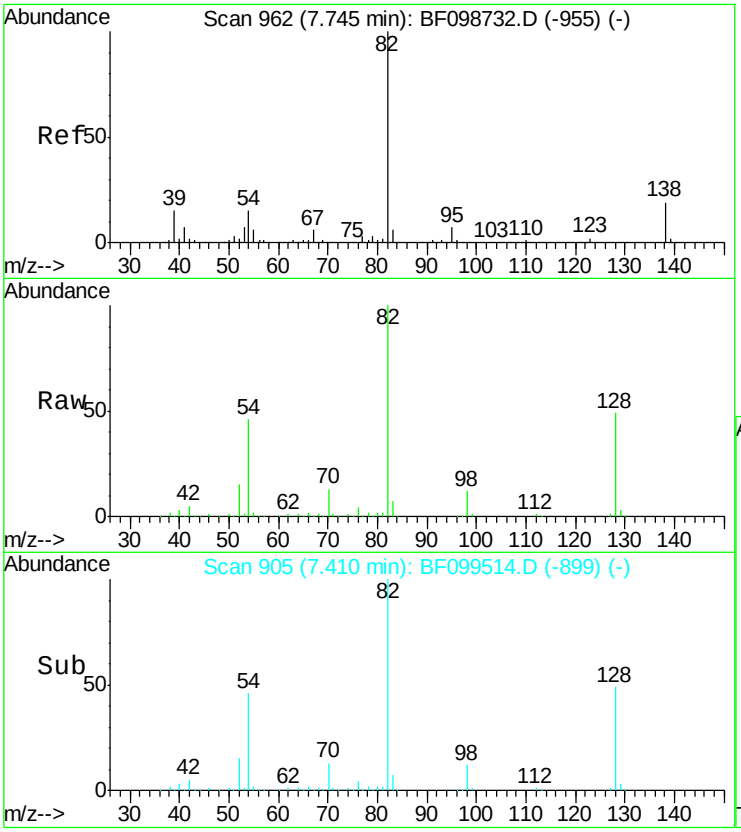


#23
Nitrobenzene-d5
Concen: 68.98 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion: 82 Resp: 429726

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	46.3	41.4	62.2



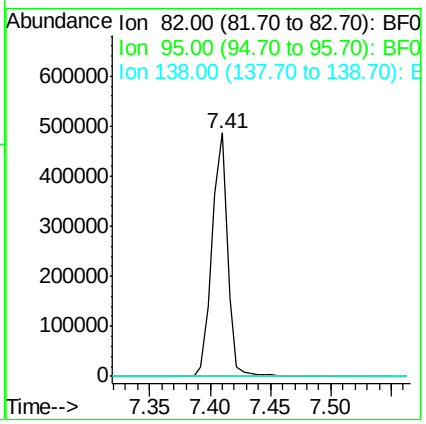


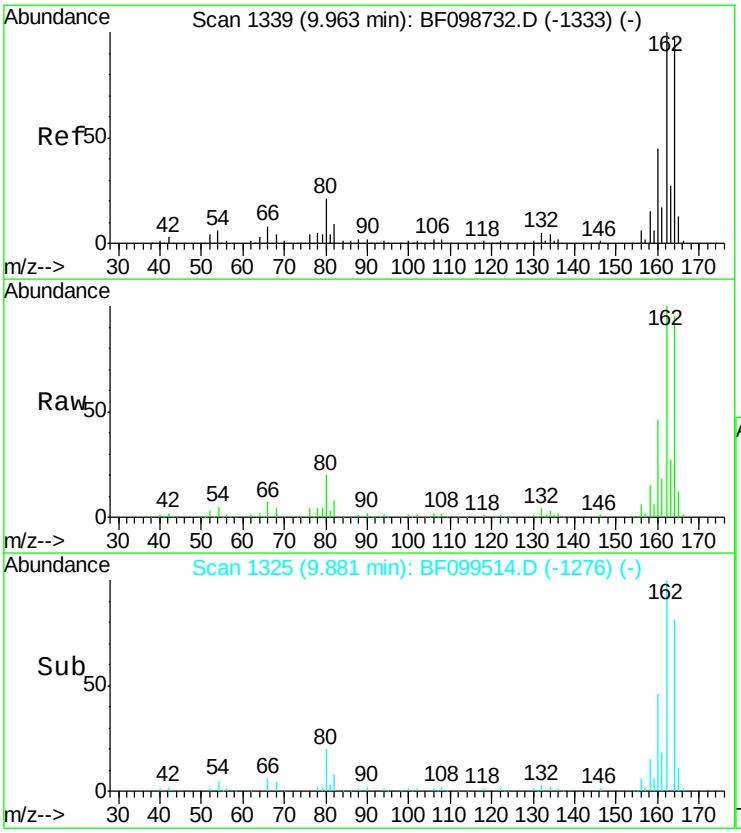
#25
Isophorone
Concen: 33.36 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 429721

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

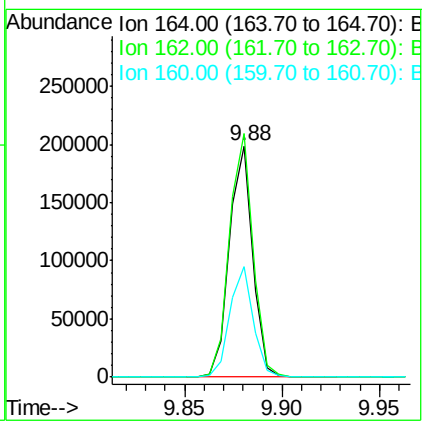


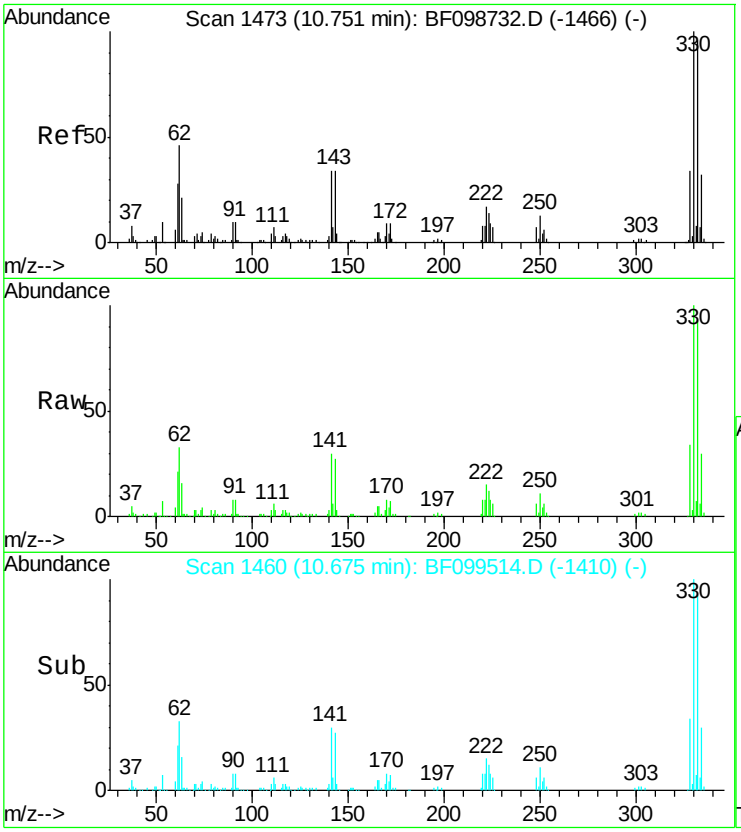


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:164 Resp: 164869

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.1	38.3	57.5



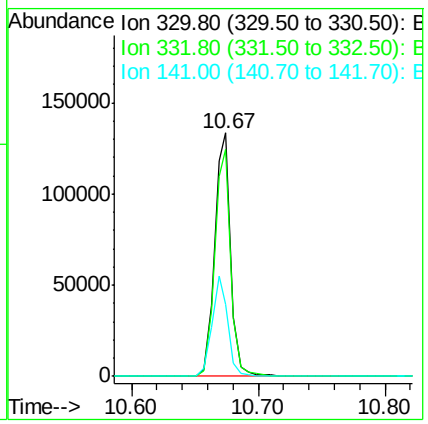


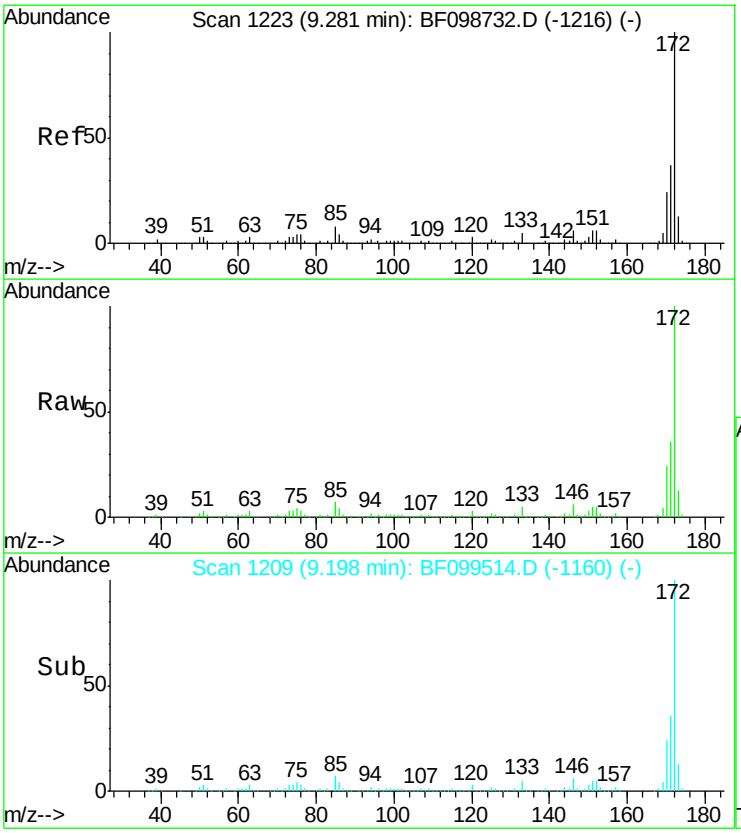
#41
2,4,6-Tribromophenol
Concen: 88.65 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 119595

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	40.3	29.9	44.9

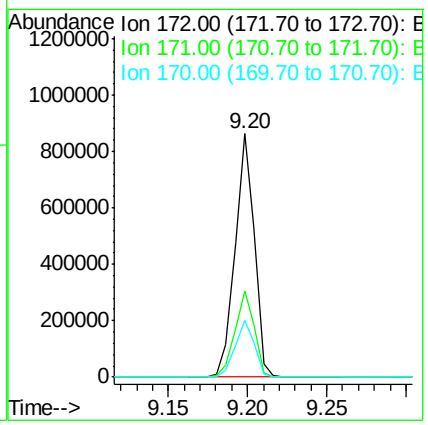


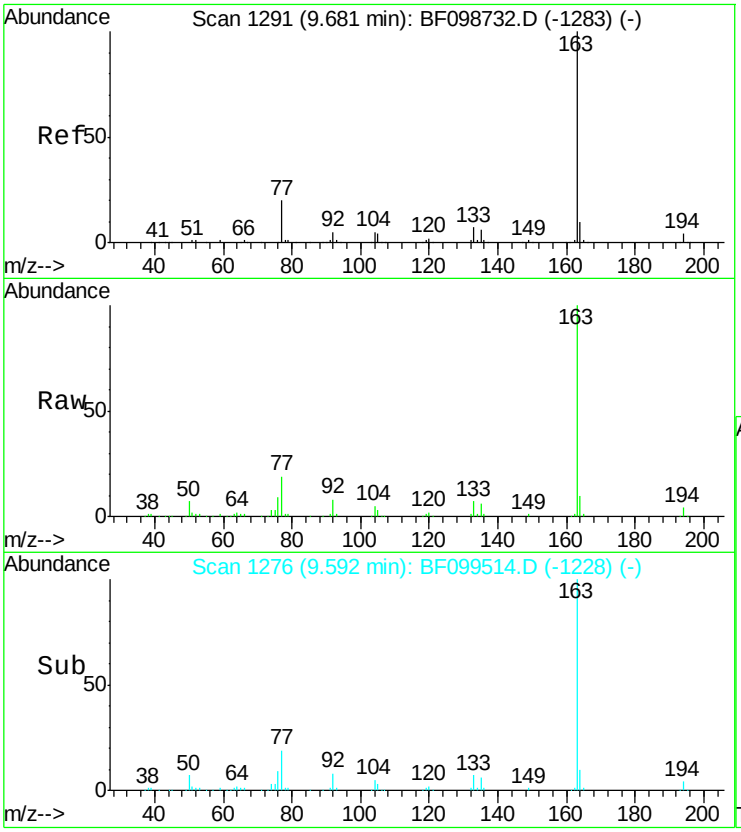


#44
2-Fluorobiphenyl
Concen: 73.71 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:172 Resp: 727963

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



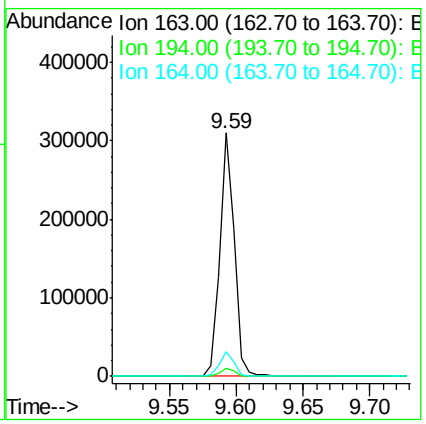


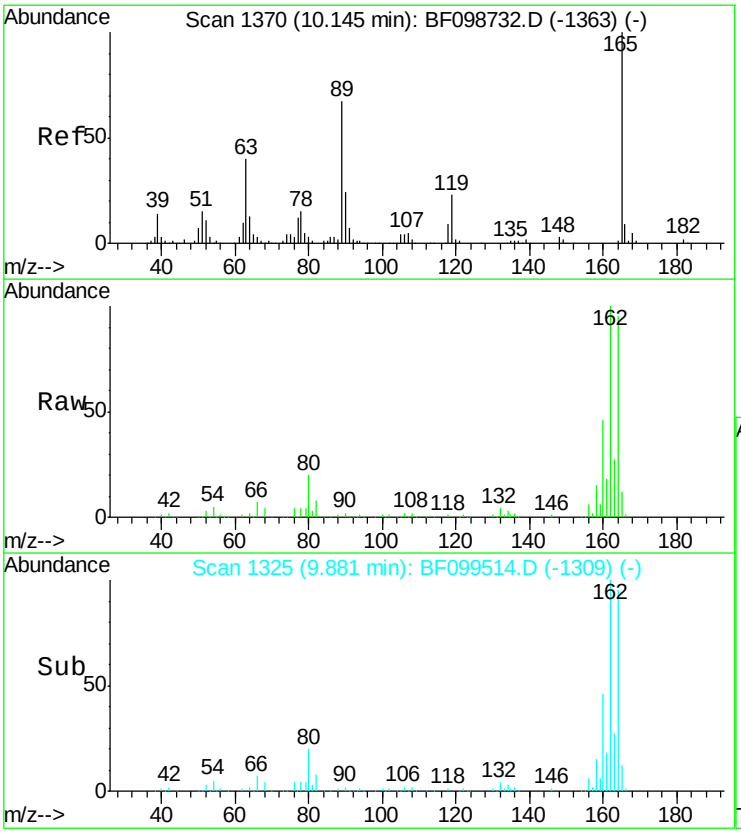
#49
Dimethylphthalate
Concen: 19.19 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 238815

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

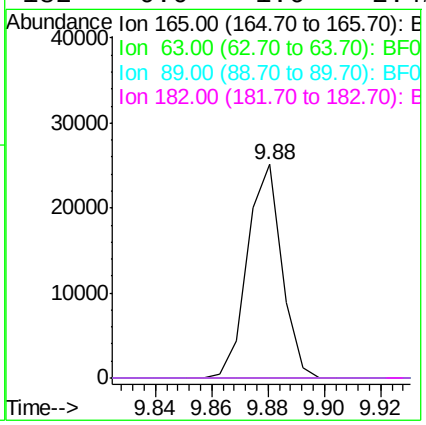


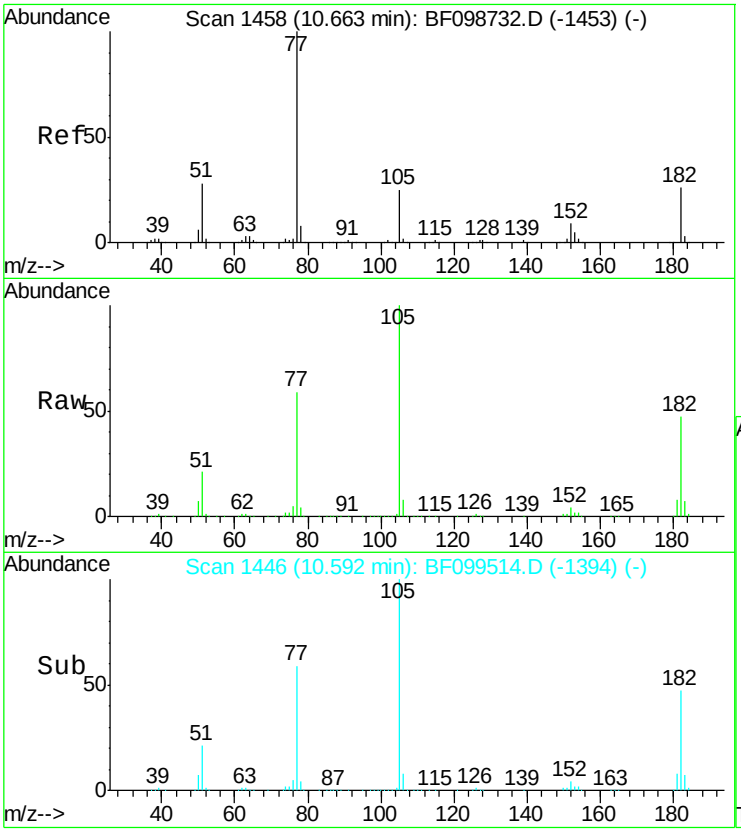


#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:165 Resp: 21200

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



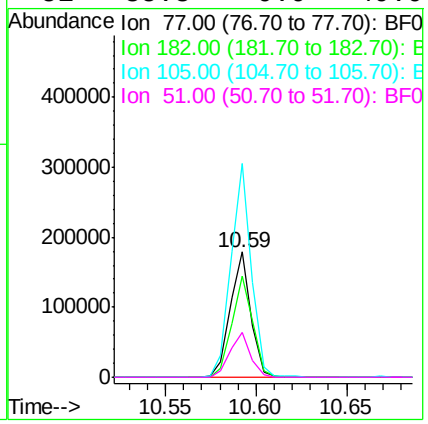


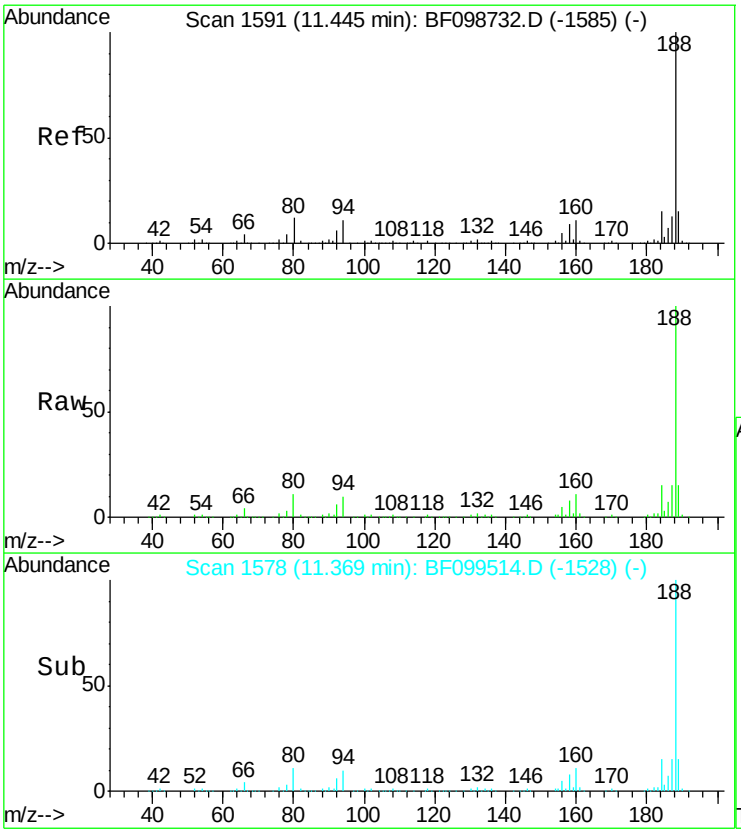
#62
Azobenzene
Concen: 12.63 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 141240

Ion	Ratio	Lower	Upper
77	100		
182	80.5	1.7	41.7#
105	170.7	3.0	43.0#
51	35.3	9.9	49.9

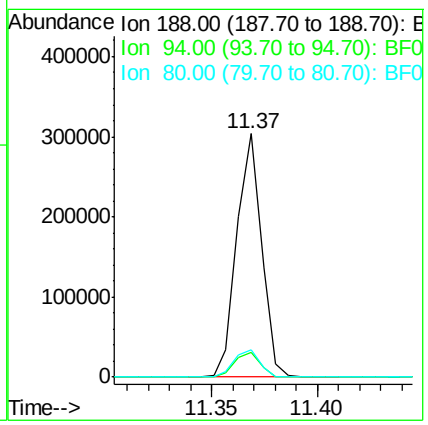


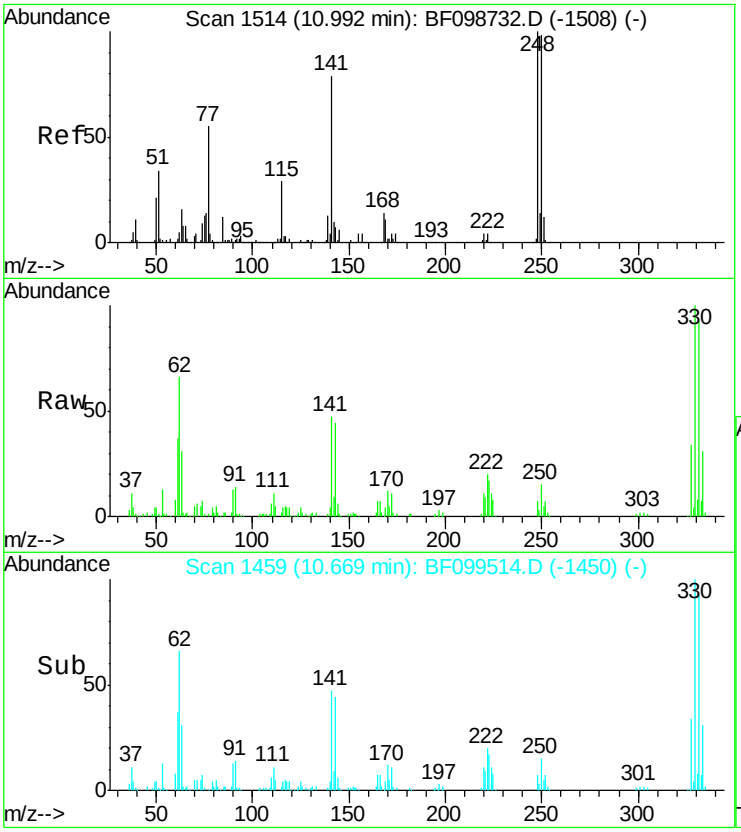


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:188 Resp: 246272

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8



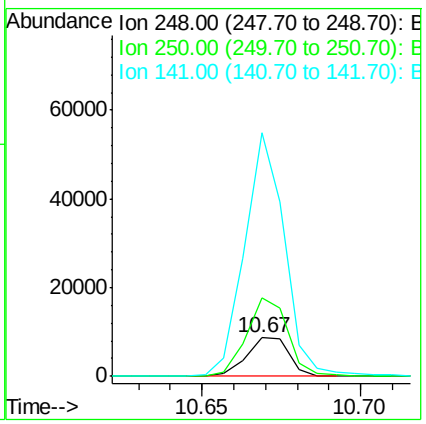


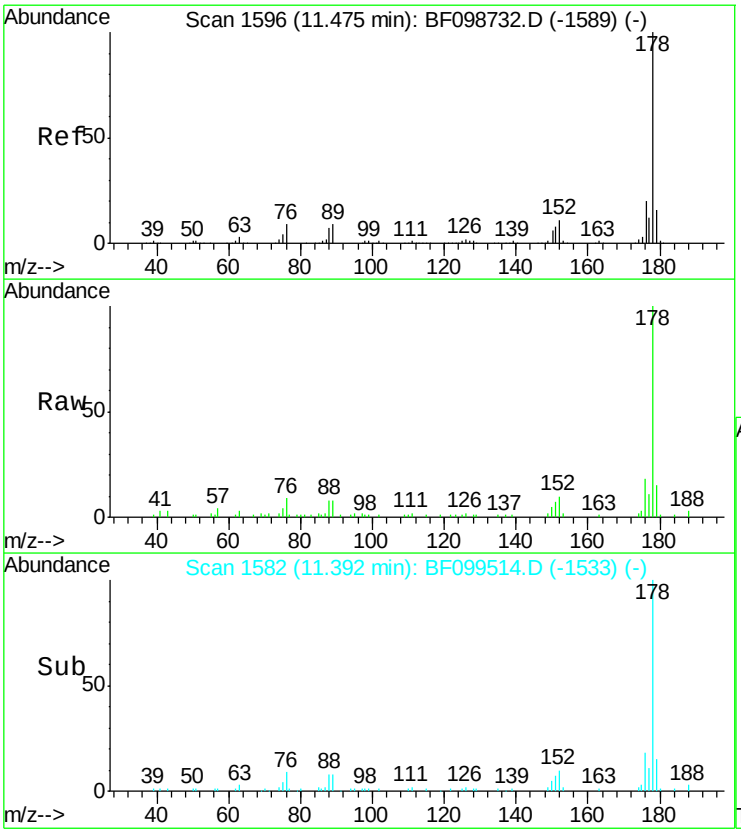
#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8065

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.9	115.3#
141	633.9	74.4	111.6#

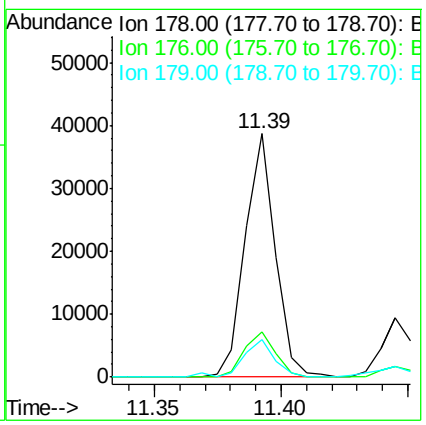


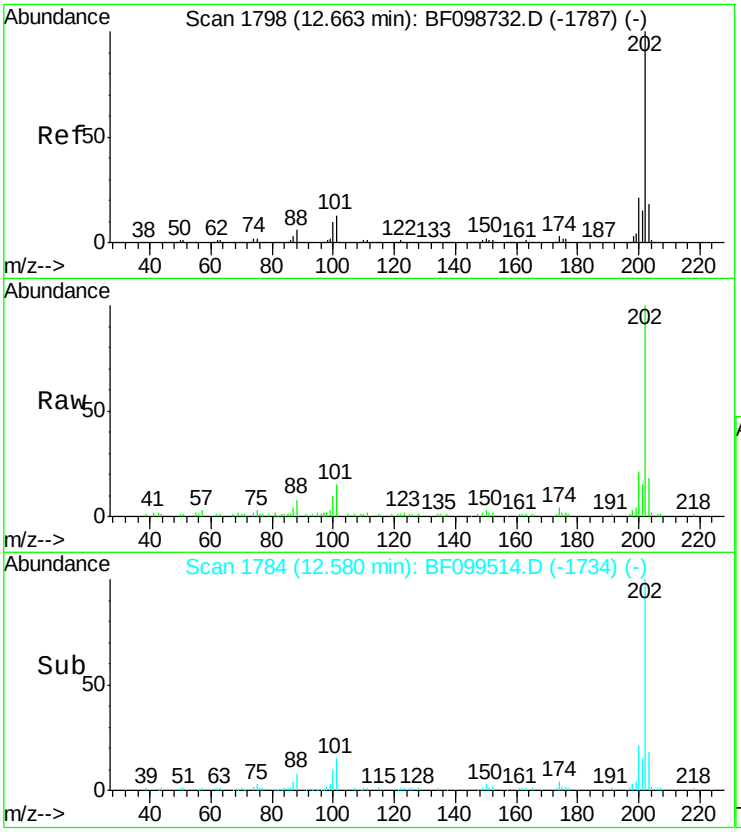


#70
Phenanthrene
Concen: 2.43 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:178 Resp: 32083

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.3	13.0	19.6



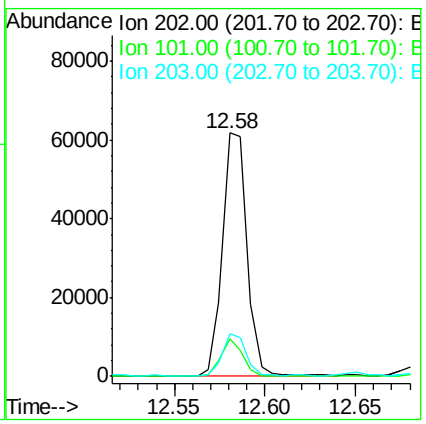


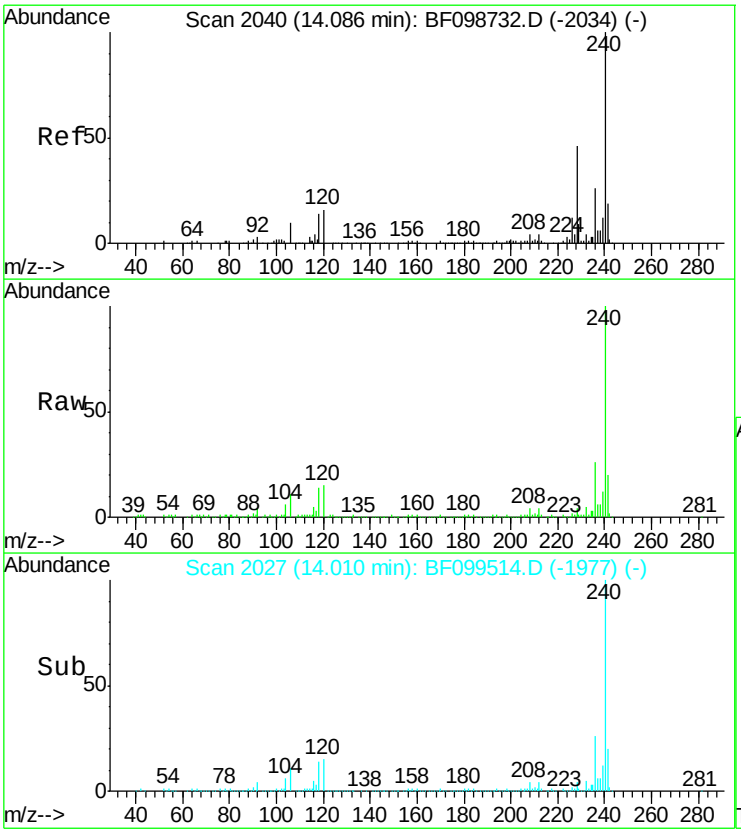
#74
Fluoranthene
Concen: 4.41 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 58903

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.5	0.0	38.1

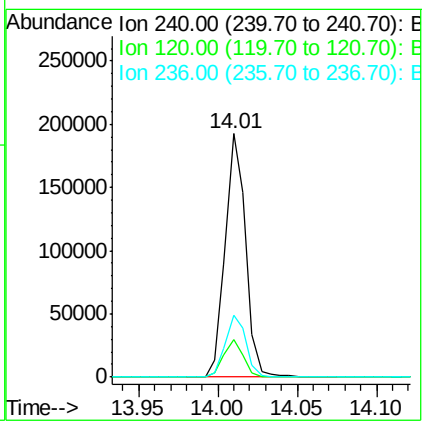


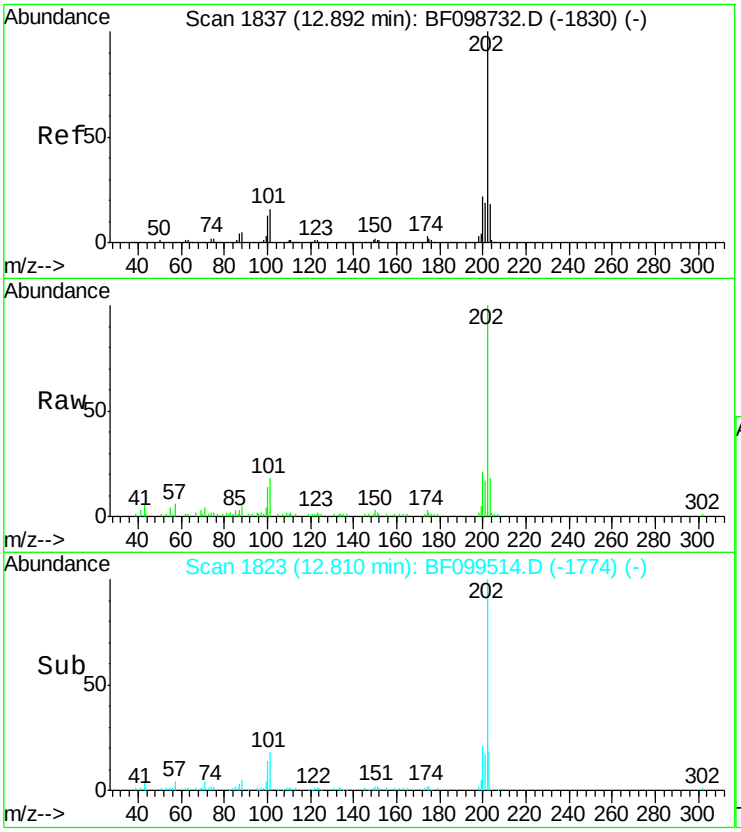


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:240 Resp: 172237

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.6	20.7	31.1



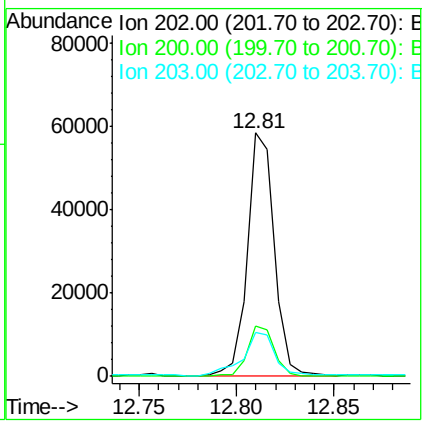


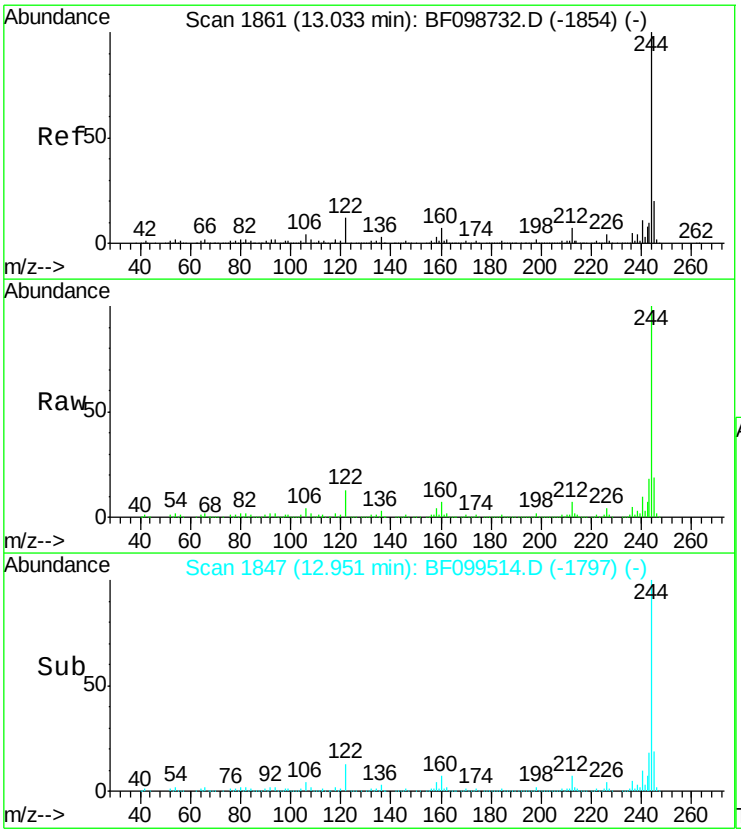
#77
Pyrene
Concen: 4.24 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 55748

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.2	14.3	21.5

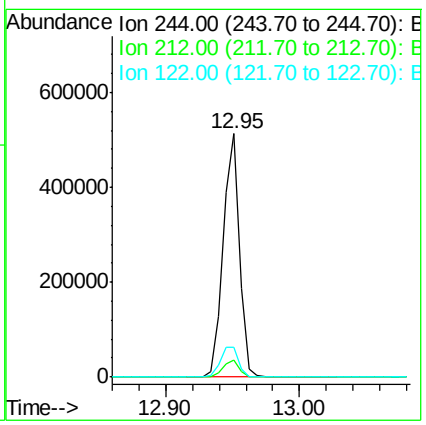


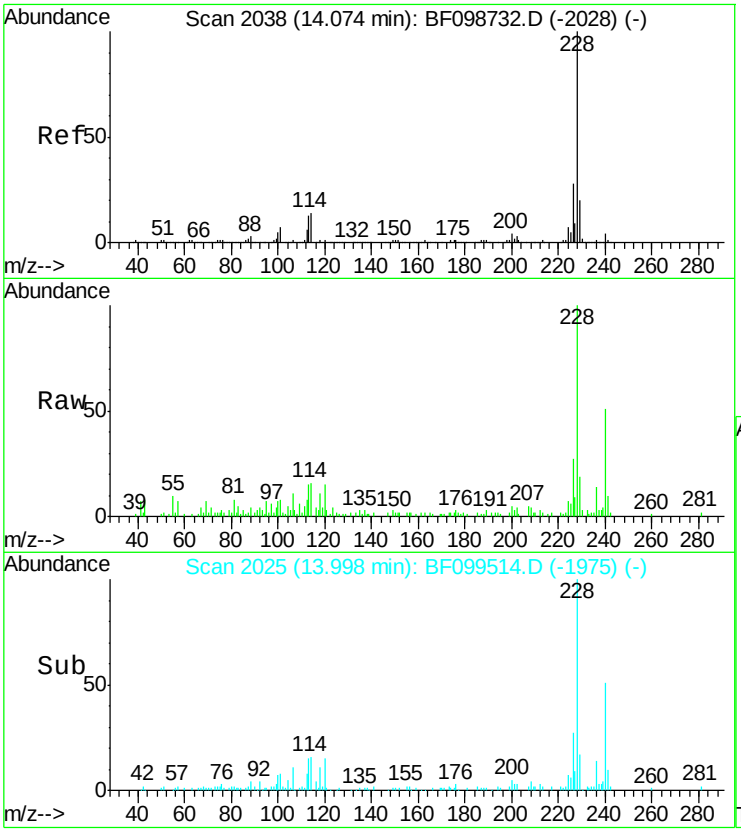


#78
Terphenyl-d14
Concen: 58.46 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:244 Resp: 442720

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4



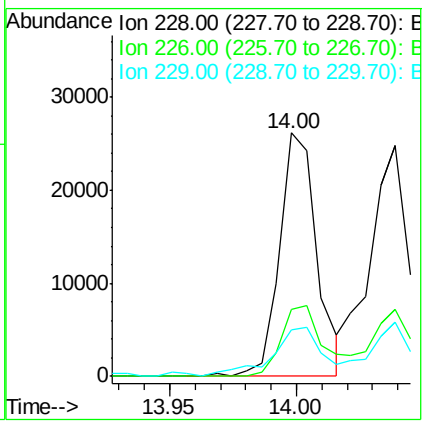


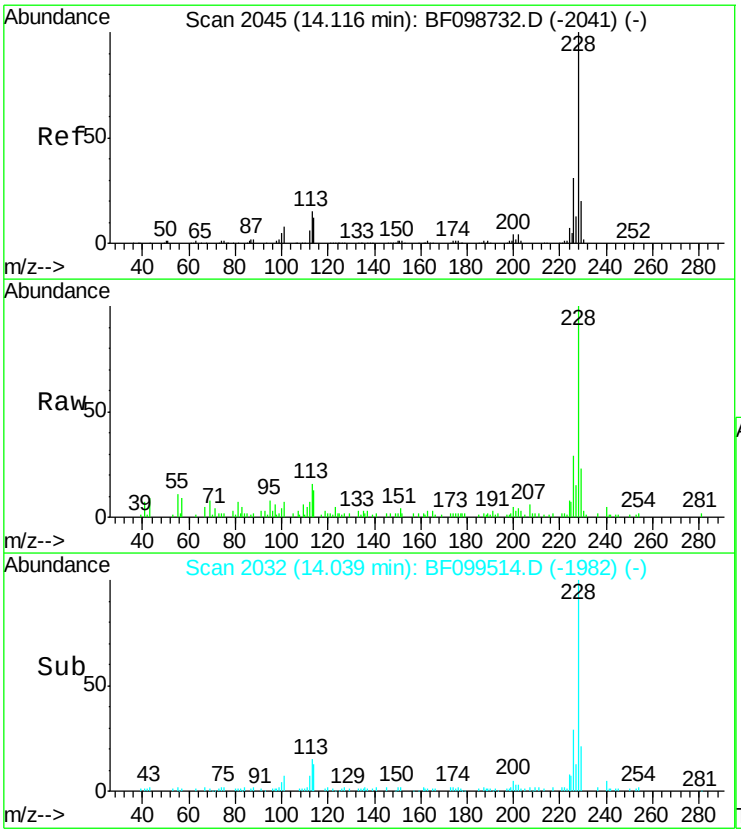
#80
Benzo(a)anthracene
Concen: 2.56 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 26704

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	18.9	15.8	23.6

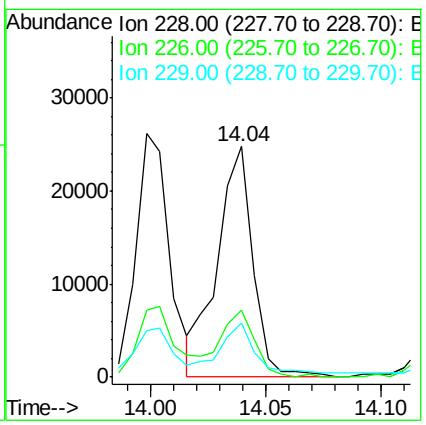


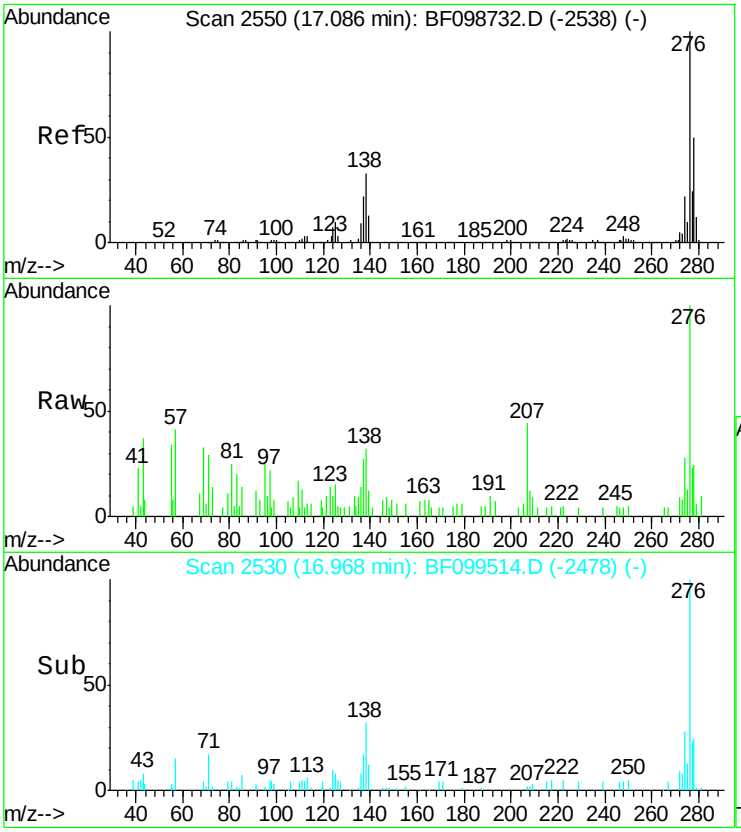


#82
Chrysene
Concen: 2.69 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:228 Resp: 26701

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	23.3	16.2	24.4



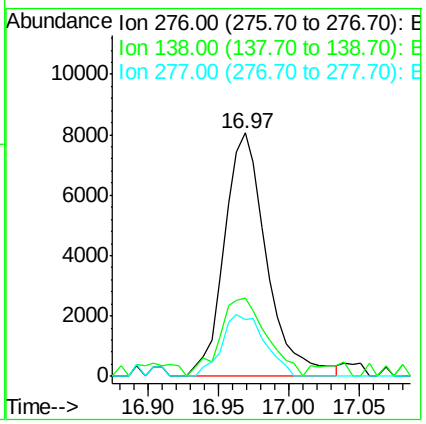


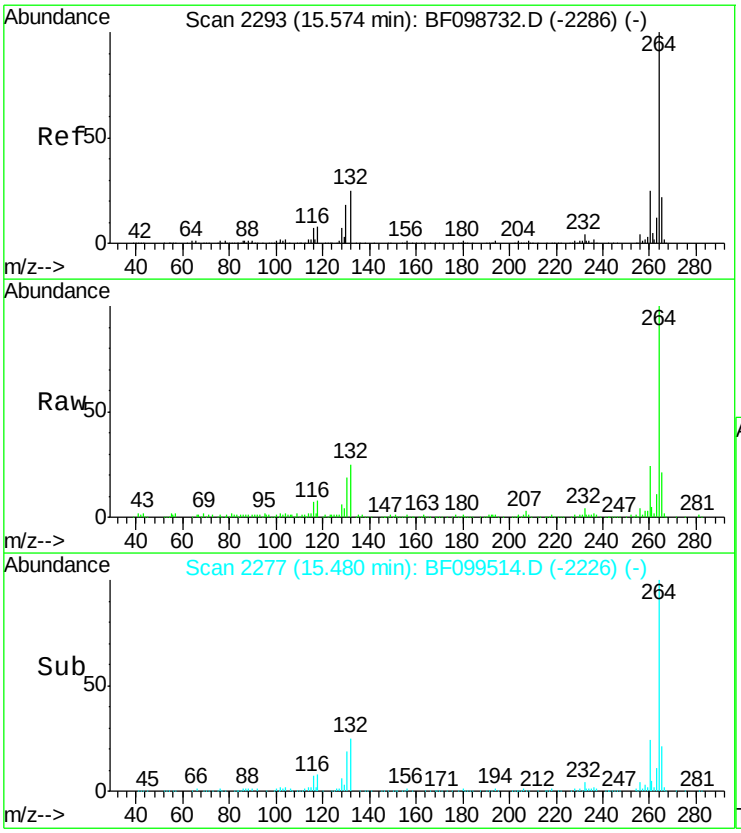
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 16850

Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	25.7	20.1	30.1

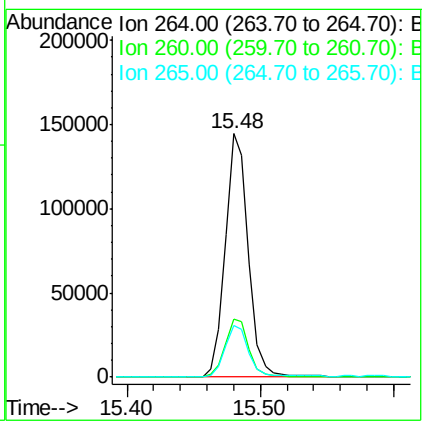


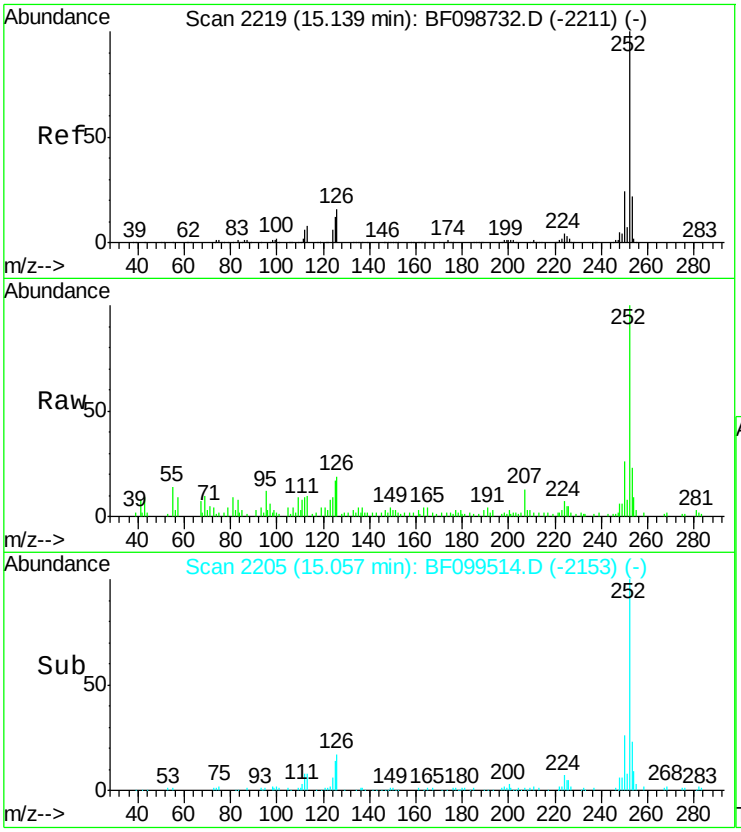


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:264 Resp: 175584

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3



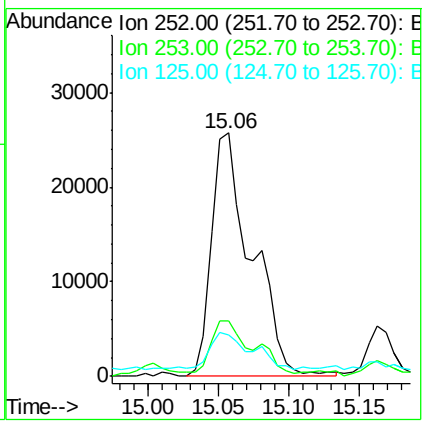


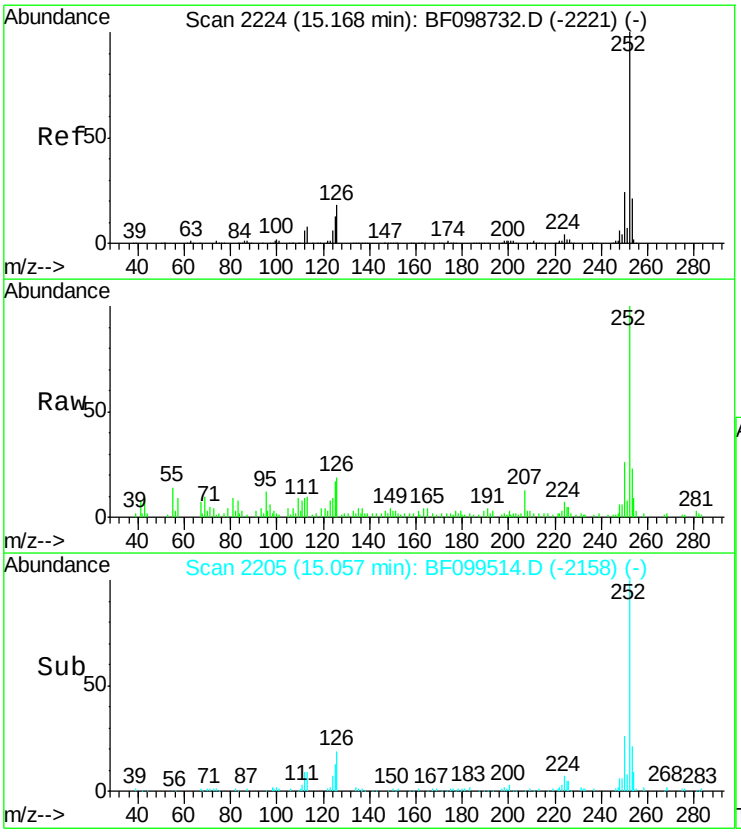
#87
Benzo(b)fluoranthene
Concen: 4.74 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 51162

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	16.8	9.0	13.6#

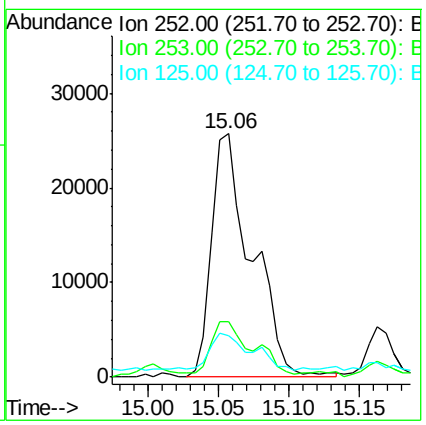


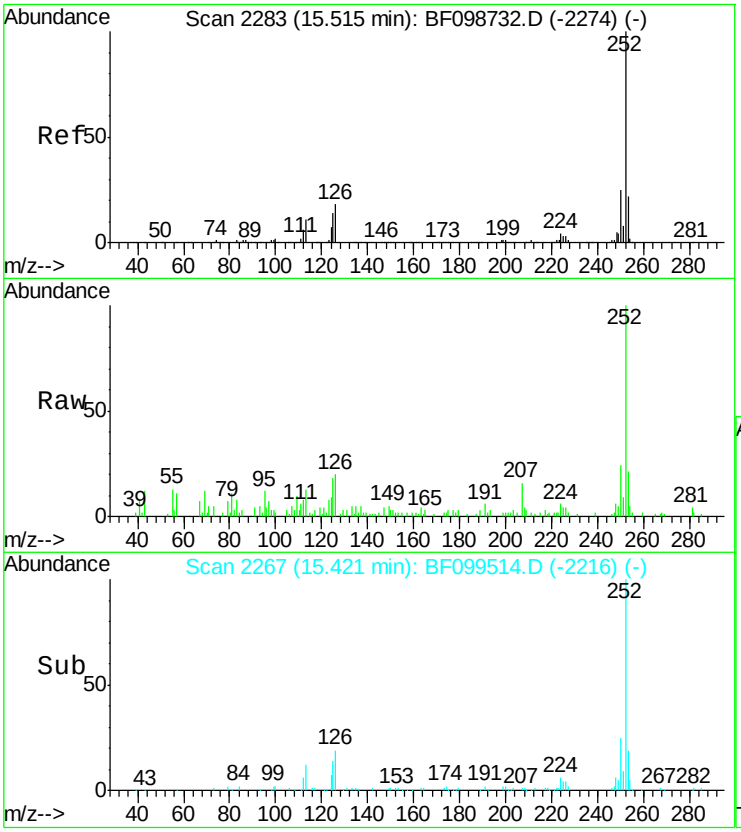


#88
Benzo(k)fluoranthene
Concen: 4.80 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Tgt Ion:252 Resp: 51162

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	16.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.75 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099514.D
Acq: 15 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27276

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	17.8	9.8	14.6#