Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102577.D
Acq On : 29 Jan 2018 00:12
Operator : SJ/JU
Sample : J1257-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 29 05:52:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172037	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	669261	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	248530	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	303691	20.00	ng		0.00
75) Chrysene-d12	13.90	240	201065	20.00	ng		0.02
86) Perylene-d12	15.34	264	160360	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	327044	28.82	ng		0.00
7) Phenol-d6	6.37	99	1207426	88.27	ng		0.00
23) Nitrobenzene-d5	7.29	82	809488	69.51	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	10537	4.28	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1269989	75.14	ng		0.00
78) Terphenyl-d14	12.84	244	656967	73.66	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.37	94	58898	3.944	ng		85
25) Isophorone	7.29	82	801646	38.611	ng	#	64
31) Naphthalene	8.02	128	86276	2.582	ng		97
37) 2-Methylnaphthalene	8.71	142	115974	5.211	ng		100
49) Dimethylphthalate	9.47	163	112608	5.482	ng		98
53) 2,4-Dinitrophenol	9.96	184	250	3.816	ng	#	1
65) n-Nitrosodiphenylamine	10.41	169	28829	2.586	ng	#	46
70) Phenanthrene	11.27	178	49125	2.776	ng	#	81
74) Fluoranthene	12.47	202	53951	2.990	ng		79
77) Pyrene	12.70	202	69326	4.460	ng	#	87
80) Benzo(a)anthracene	13.89	228	26469	2.138	ng	#	50
82) Chrysene	13.93	228	38231	3.041	ng	#	68
83) Bis(2-ethylhexyl)phthalate	13.86	149	28436	2.735	ng	#	72
87) Benzo(b)fluoranthene	14.93	252	35515	3.417	ng	#	1
88) Benzo(k)fluoranthene	14.93	252	35515	3.617	ng	#	1
89) Benzo(a)pyrene	15.28	252	19486	2.079	ng	#	1
91) Benzo(g,h,i)perylene	17.16	276	20568	2.743	ng	#	78

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

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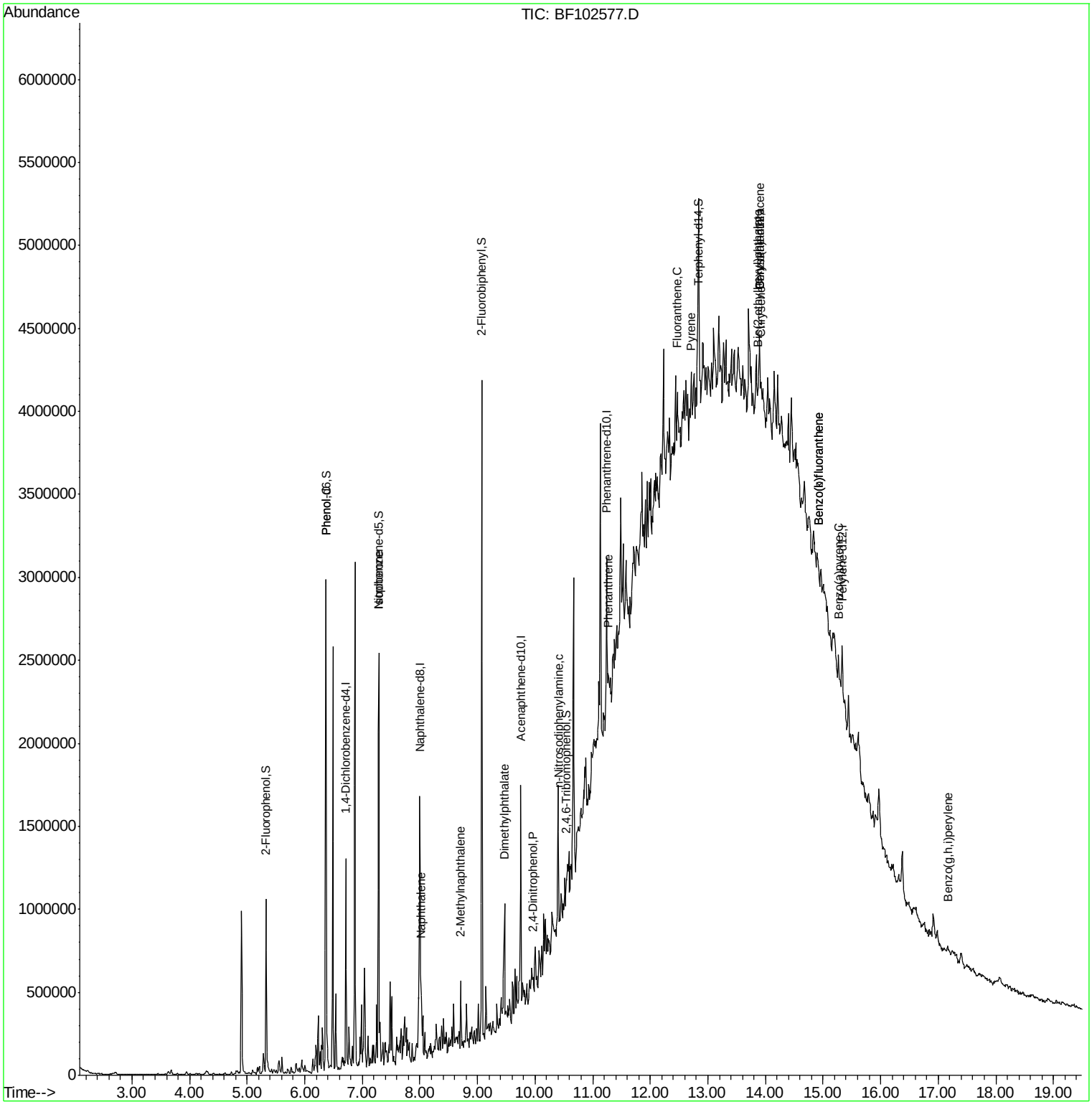
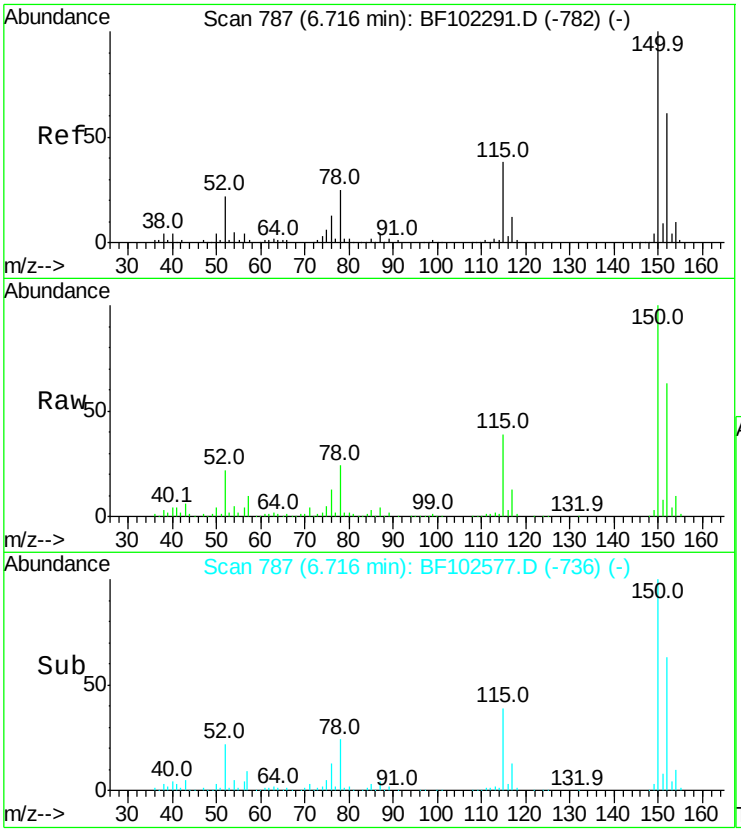


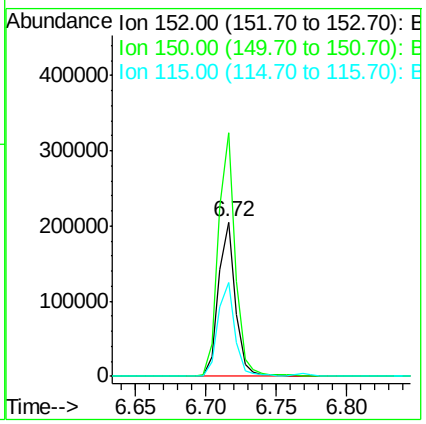


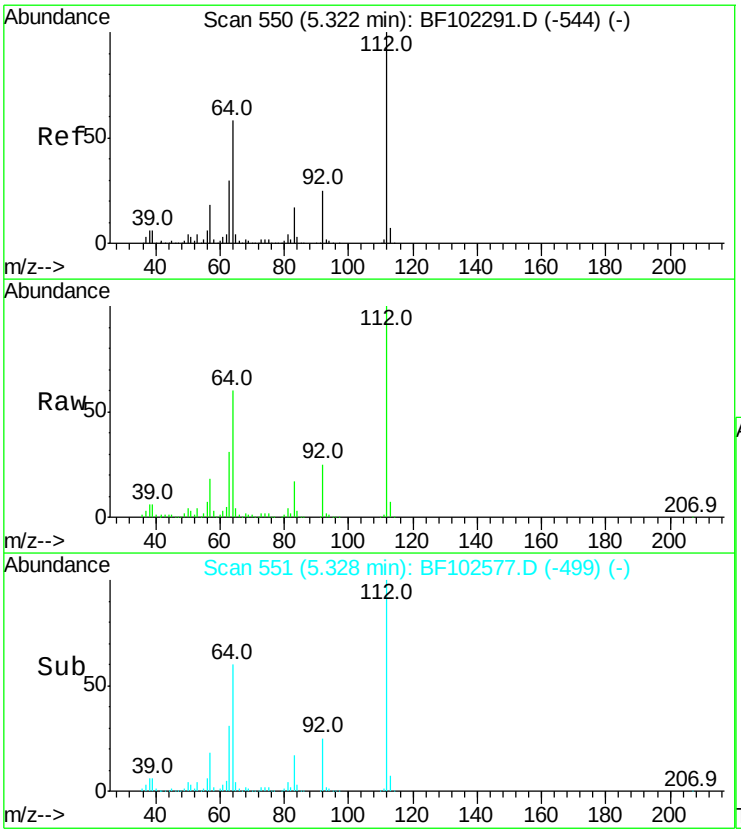
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172037

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.0	50.1	75.1

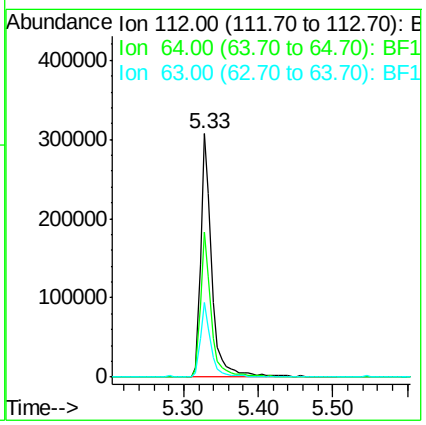


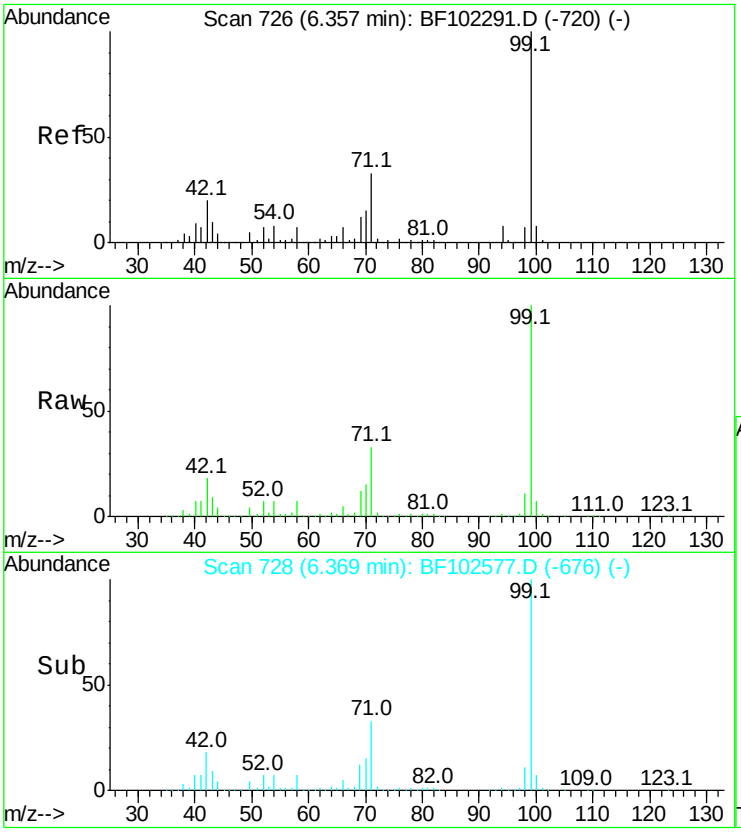


#5
2-Fluorophenol
Concen: 28.824 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:112 Resp: 327044

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.7	23.7	35.5



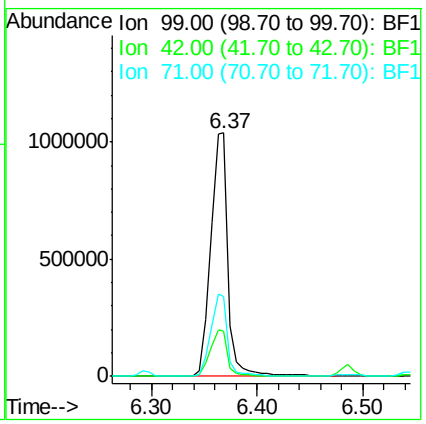


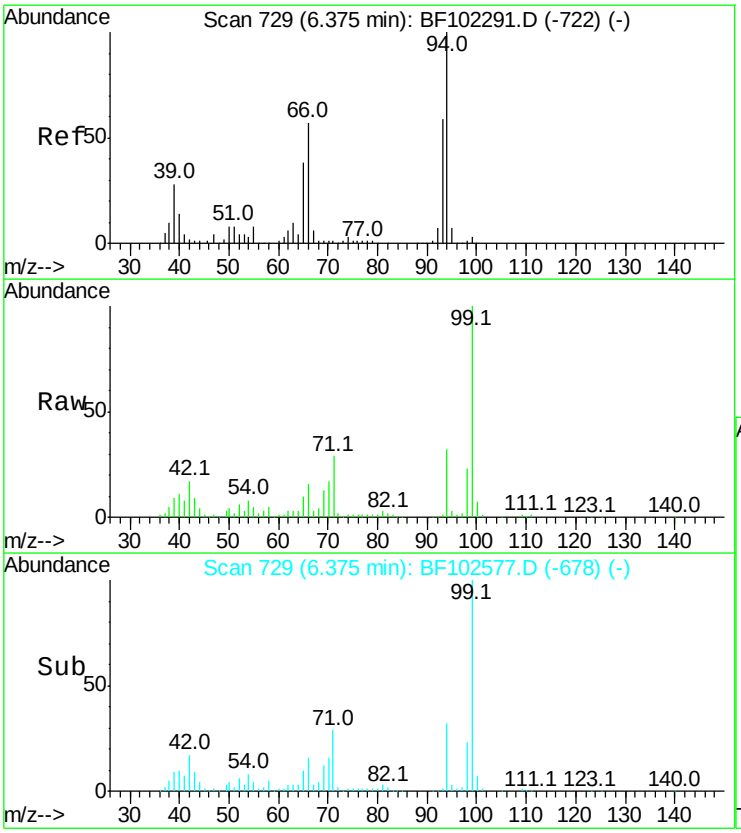
#7
Phenol-d6
Concen: 88.270 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1207426

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.6	25.4	38.0

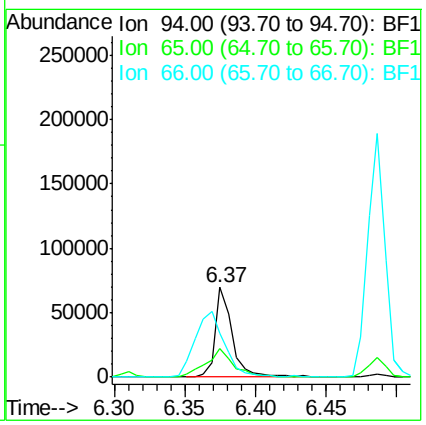


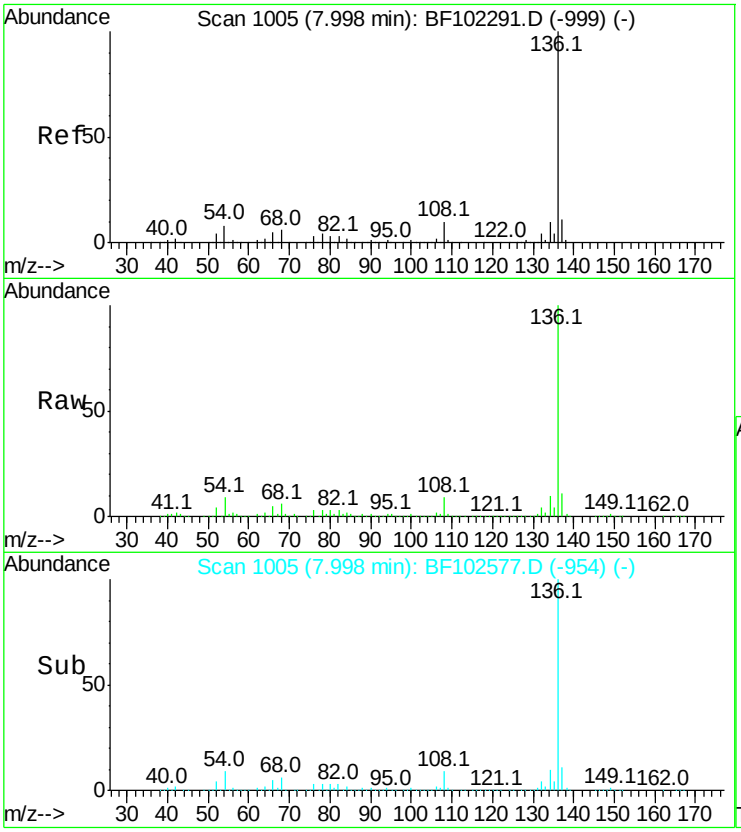


#10
Phenol
Concen: 3.944 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion: 94 Resp: 58898

Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	48.8	16.2	56.2



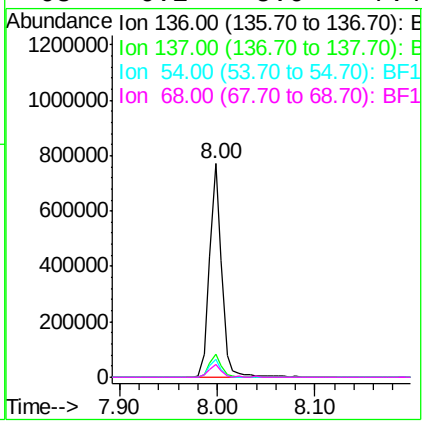


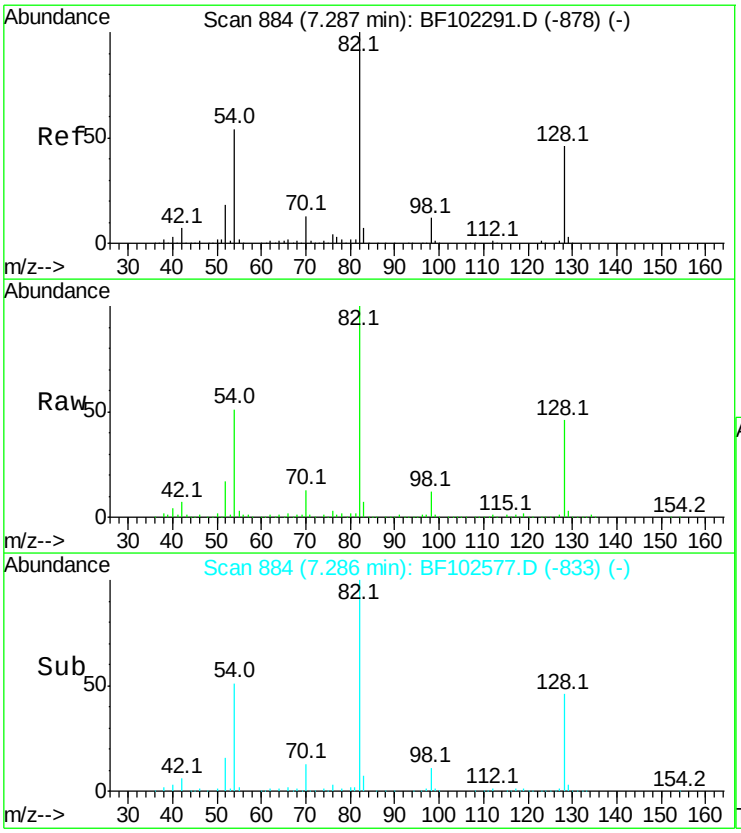
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 669261

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.2	5.0	7.4

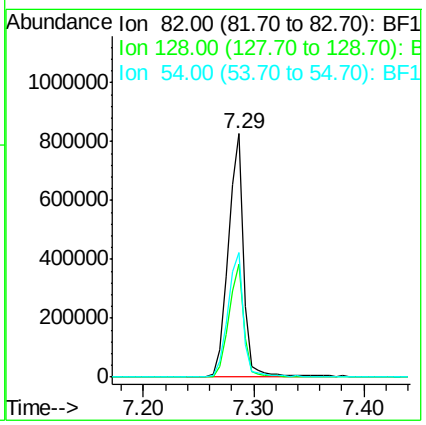


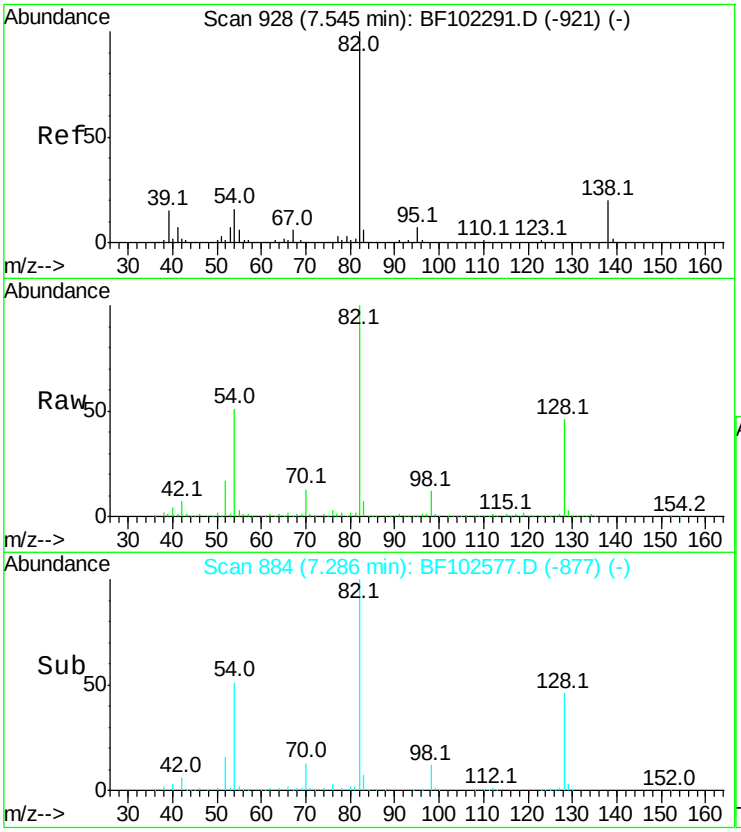


#23
Nitrobenzene-d5
Concen: 69.508 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion: 82 Resp: 809488

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	51.2	41.4	62.2



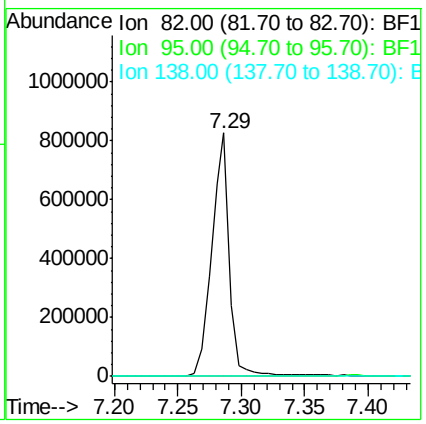


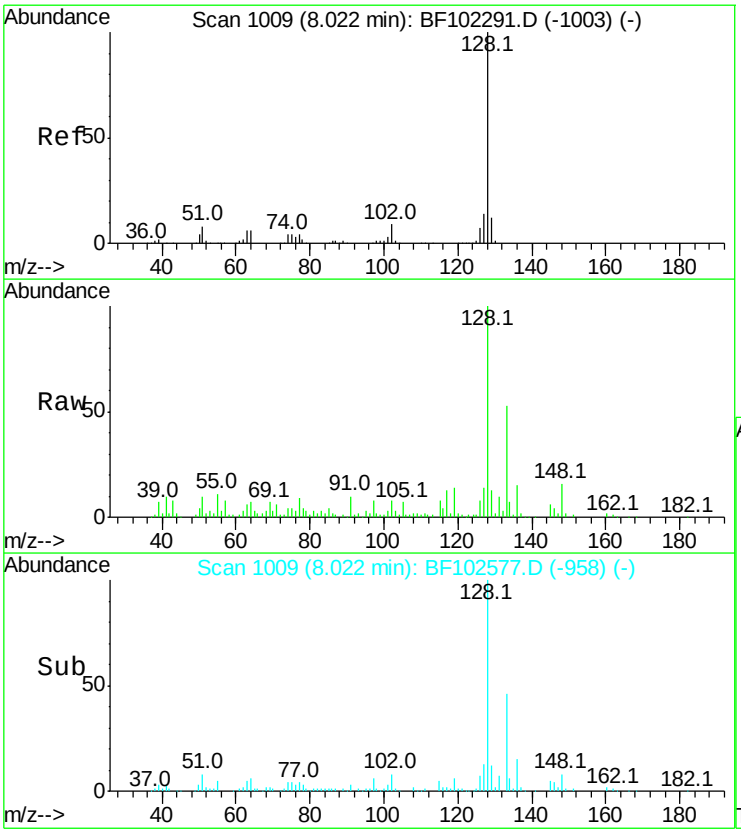
#25
Isophorone
Concen: 38.611 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 801646

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

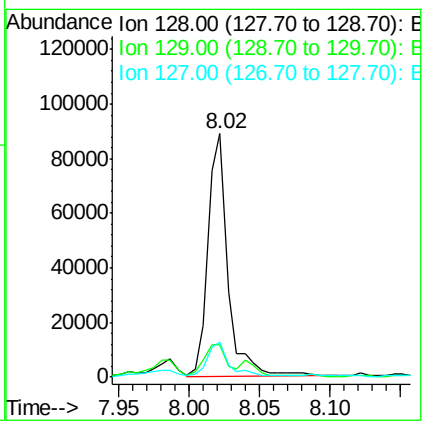


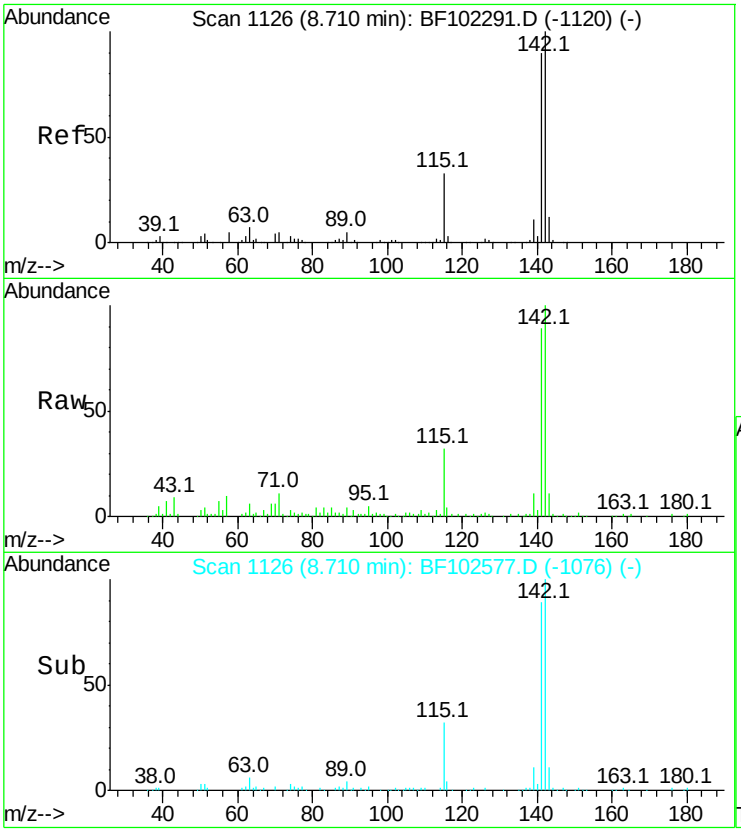


#31
Naphthalene
Concen: 2.582 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:128 Resp: 86276

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	14.2	10.9	16.3



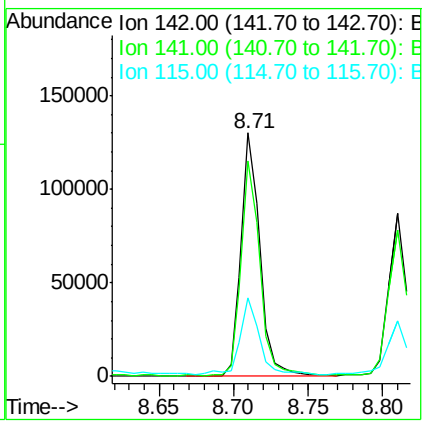


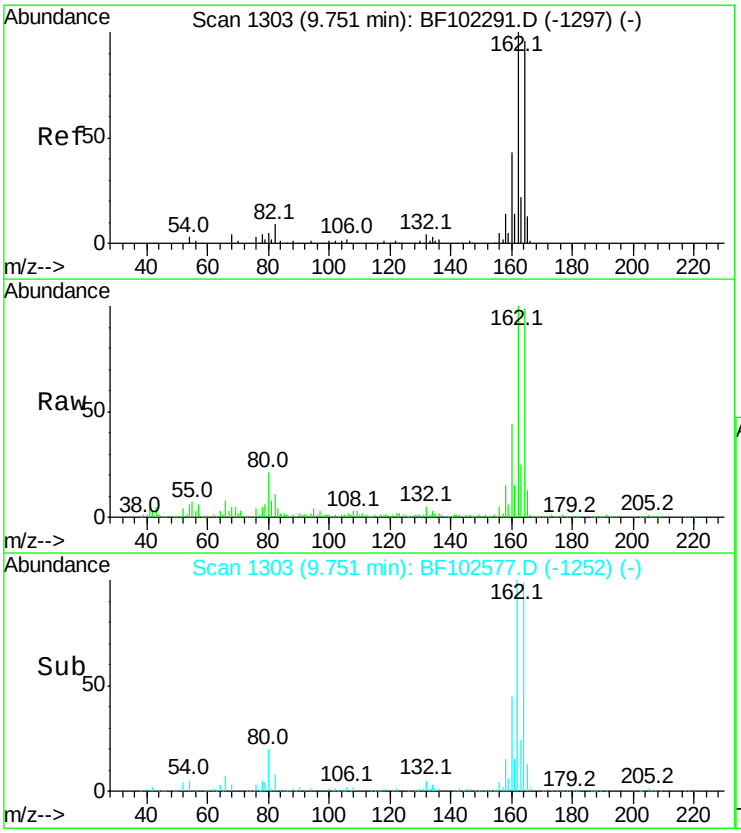
#37
2-Methylnaphthalene
Concen: 5.211 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 115974

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.4	26.1	39.1

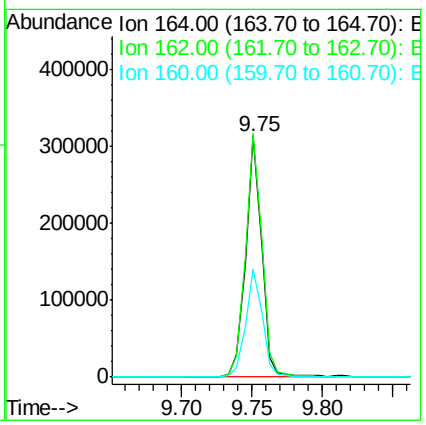


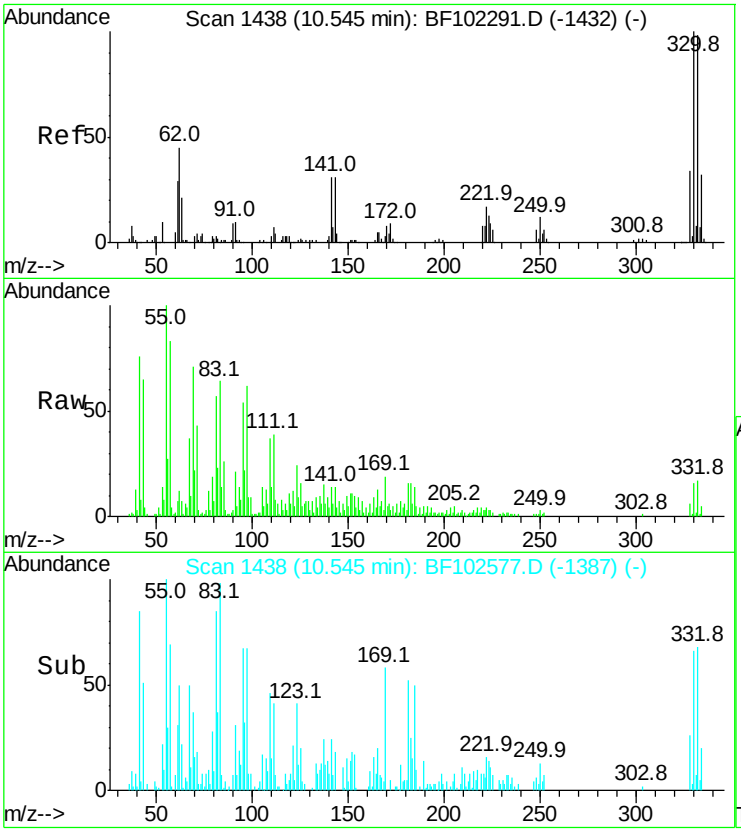


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:164 Resp: 248530

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	44.9	38.3	57.5



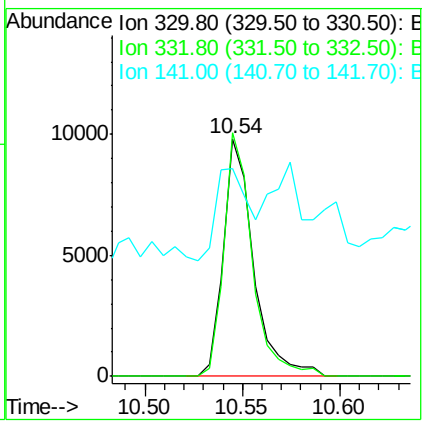


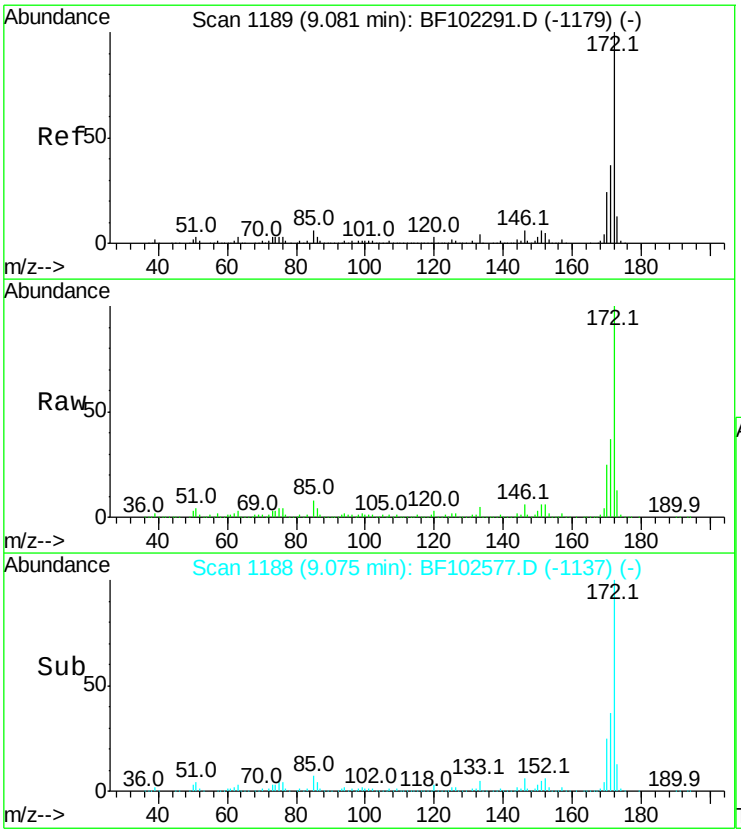
#41
2,4,6-Tribromophenol
Concen: 4.279 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 10537

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	41.6	29.9	44.9

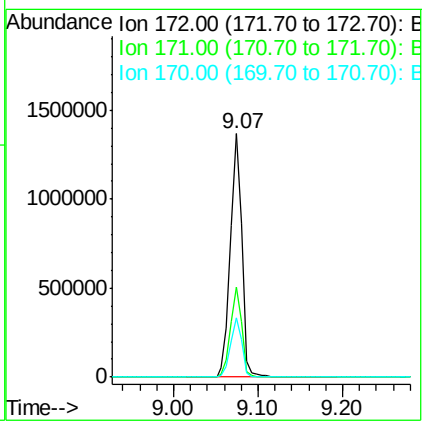


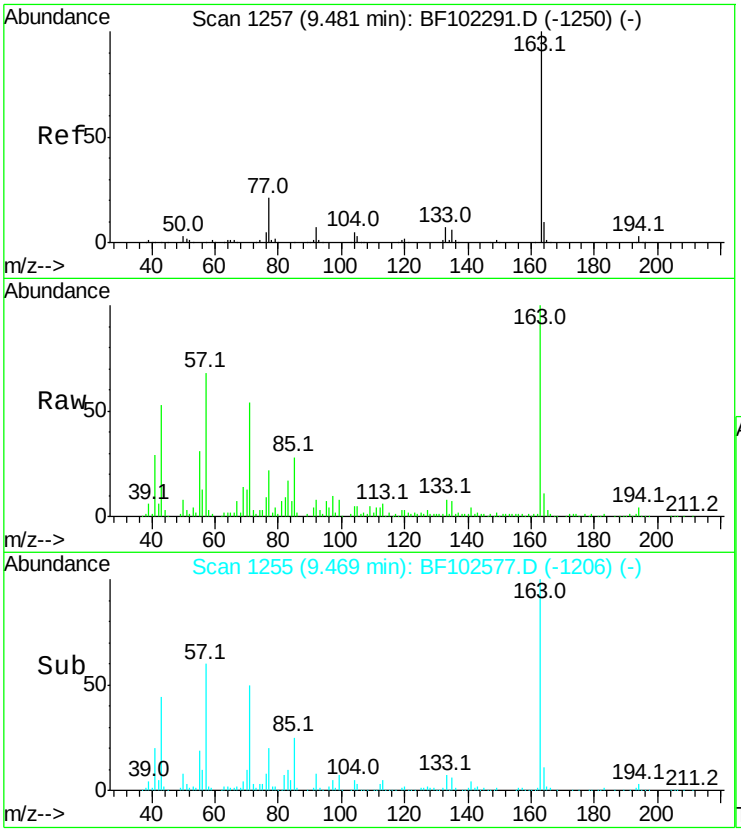


#44
2-Fluorobiphenyl
Concen: 75.135 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:172 Resp: 1269989

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4



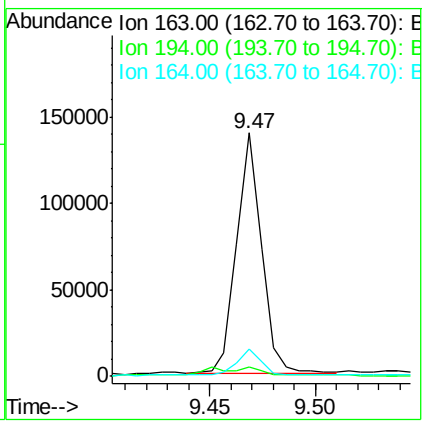


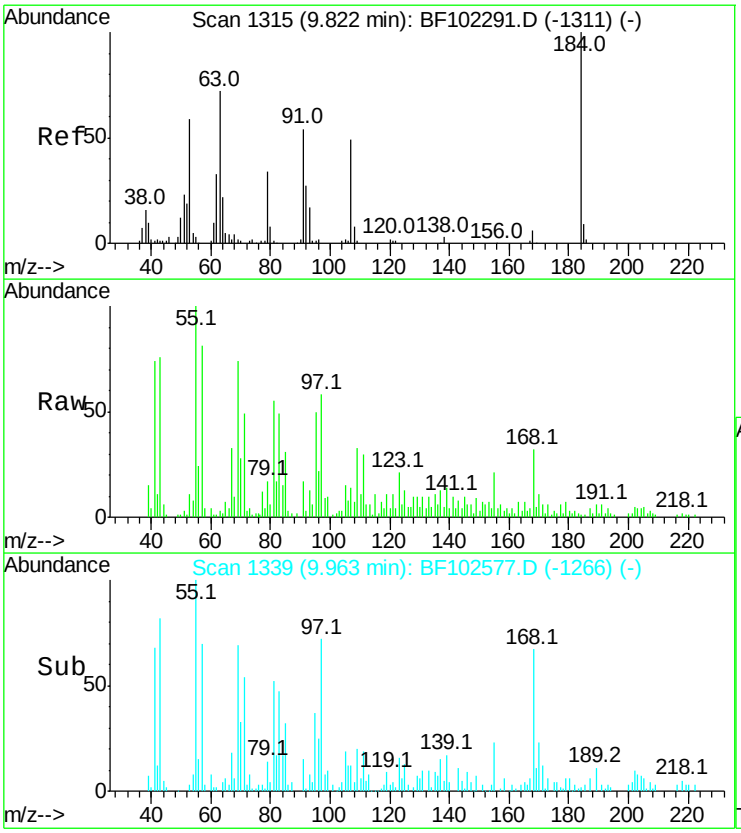
#49
Dimethylphthalate
Concen: 5.482 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 112608

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2

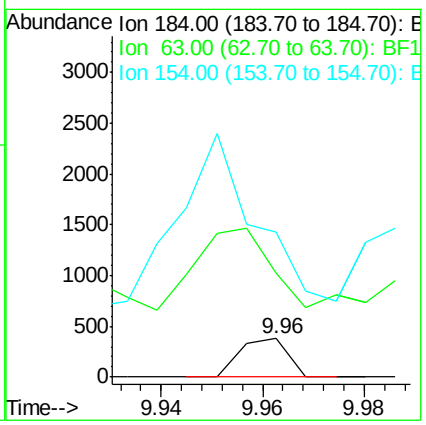


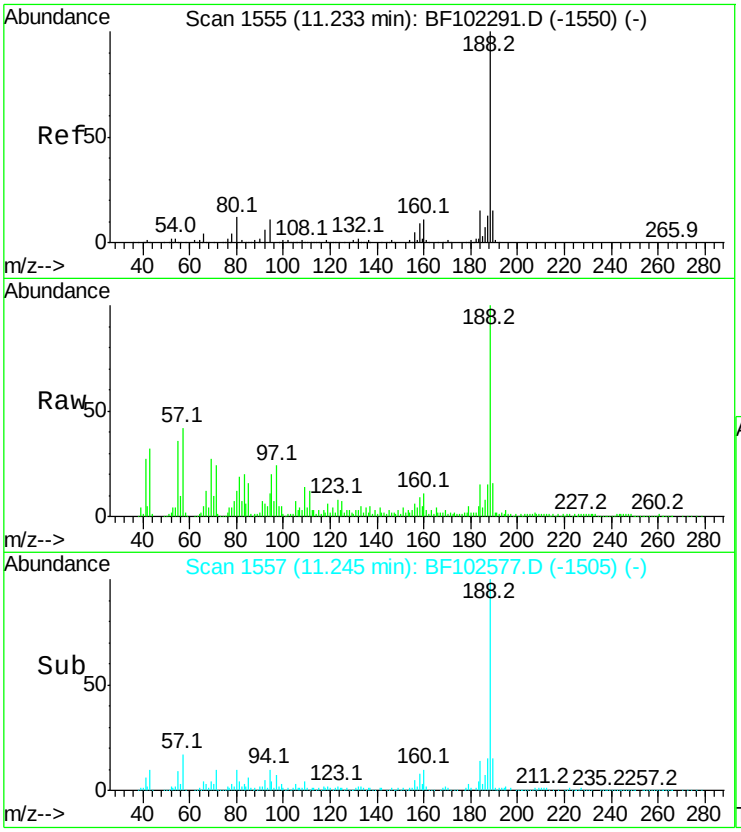


#53
2,4-Dinitrophenol
Concen: 3.816 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.13 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:184 Resp: 250

Ion	Ratio	Lower	Upper
184	100		
63	274.2	54.2	81.2#
154	380.9	184.0	276.0#



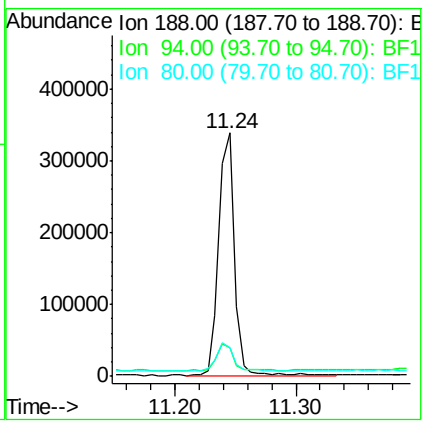


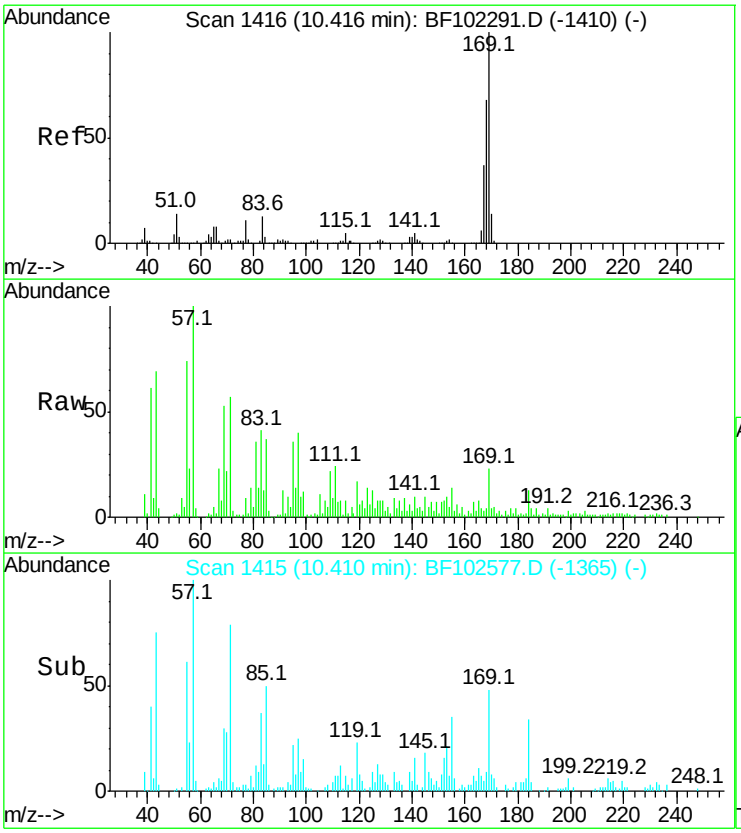
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 303691

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	11.8	9.2	13.8

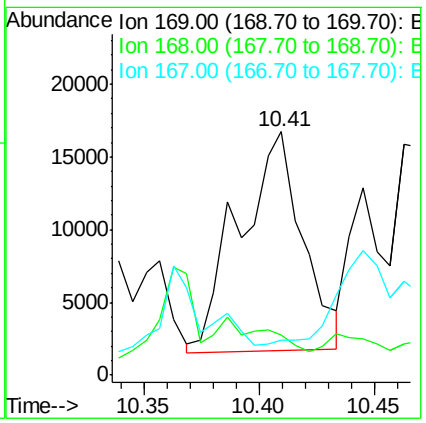


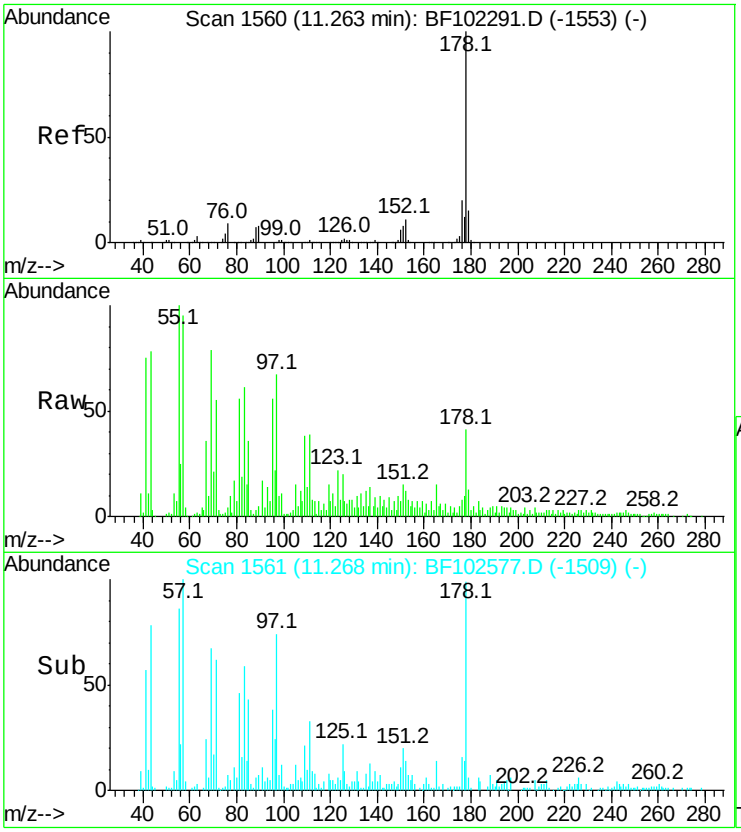


#65
n-Nitrosodiphenylamine
Concen: 2.586 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:169 Resp: 28829

Ion	Ratio	Lower	Upper
169	100		
168	16.7	54.4	81.6#
167	14.5	29.8	44.6#



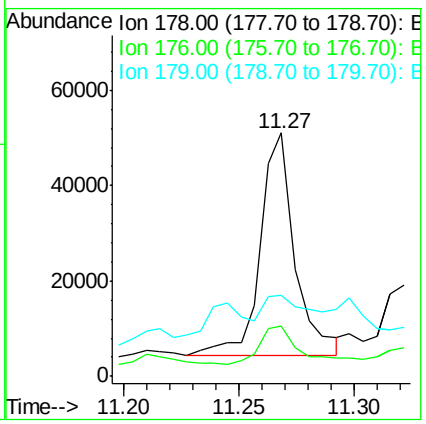


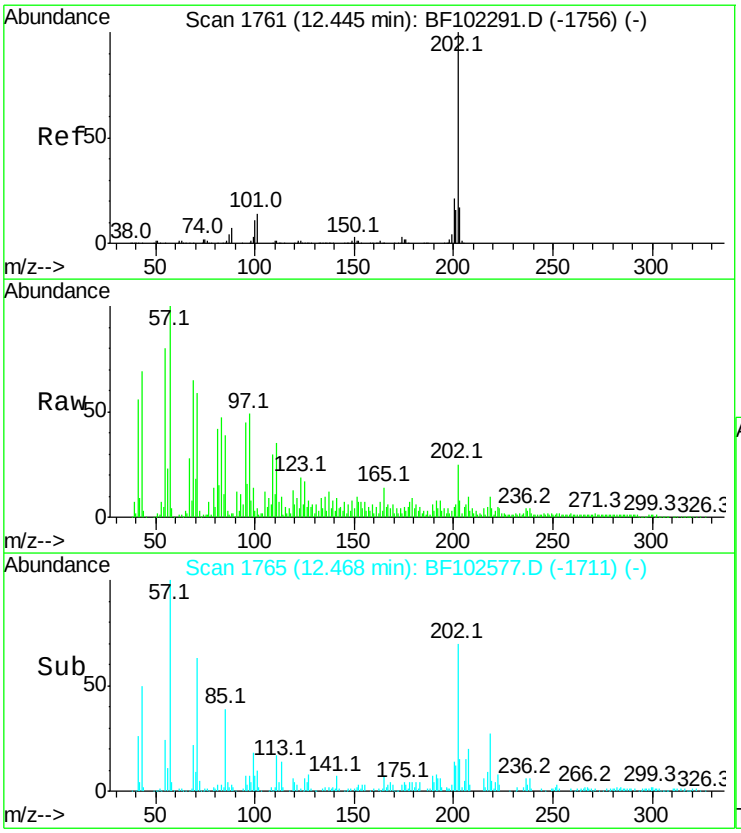
#70
Phenanthrene
Concen: 2.776 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 49125

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	33.1	13.0	19.6#

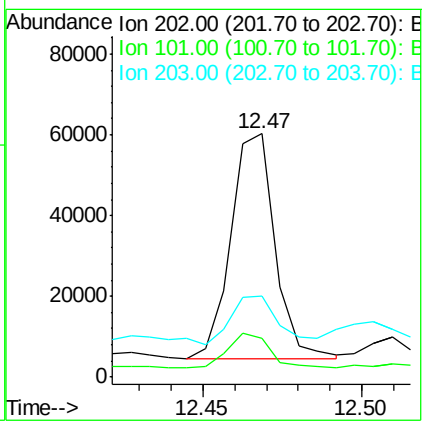


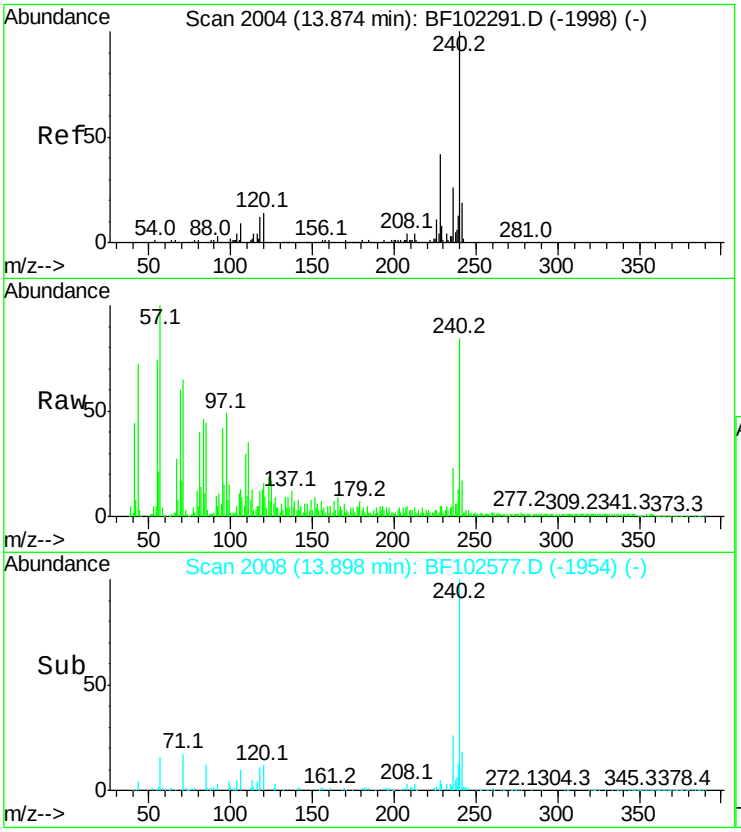


#74
Fluoranthene
Concen: 2.990 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:202 Resp: 53951

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.1
203	33.0	0.0	38.1



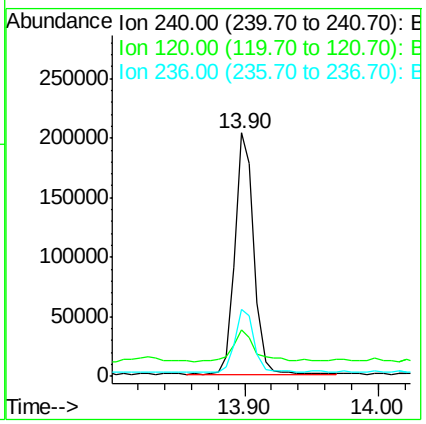


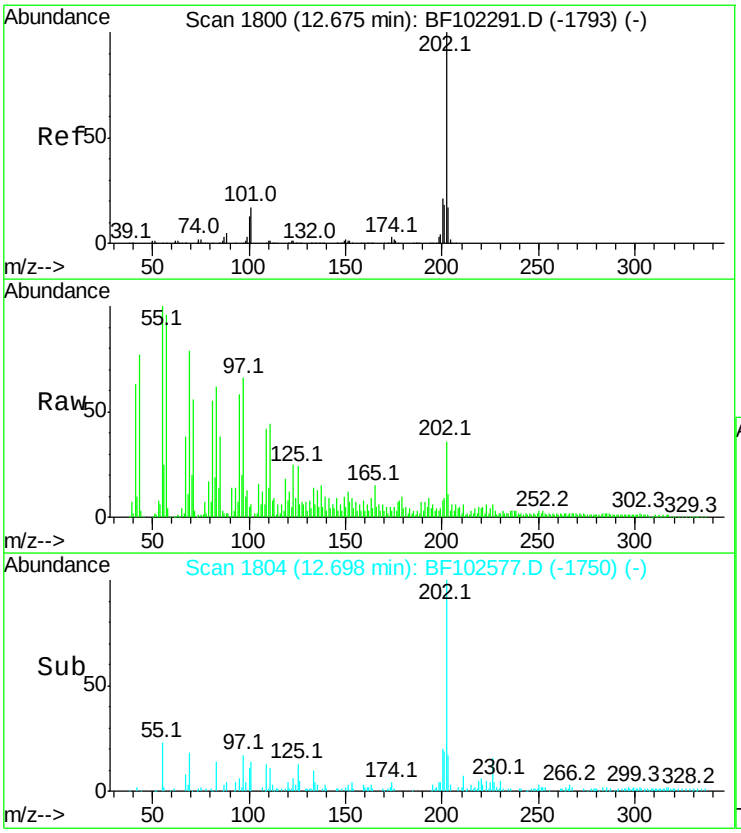
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 201065

Ion	Ratio	Lower	Upper
240	100		
120	19.3	9.5	14.3#
236	27.4	20.7	31.1

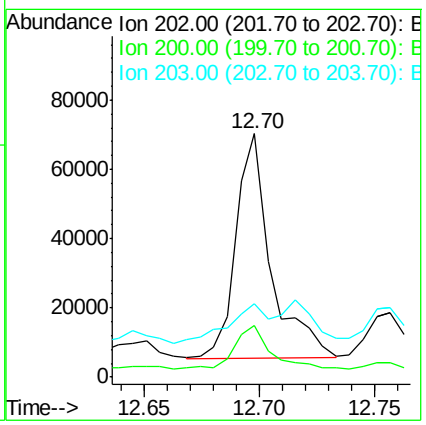


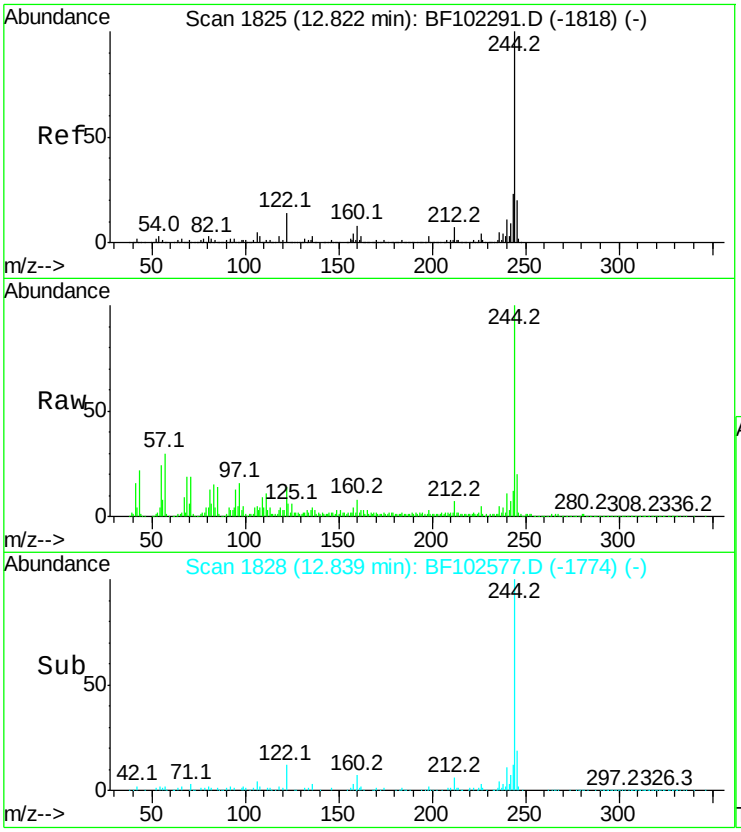


#77
Pyrene
Concen: 4.460 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:202 Resp: 69326

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	30.2	14.3	21.5#



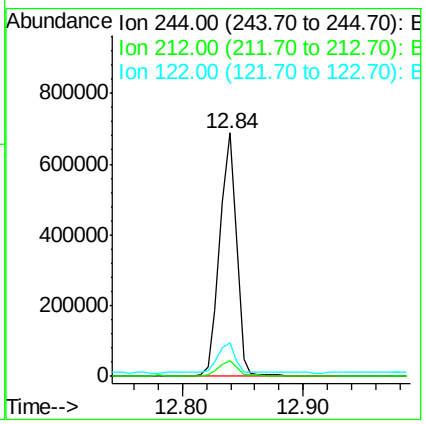


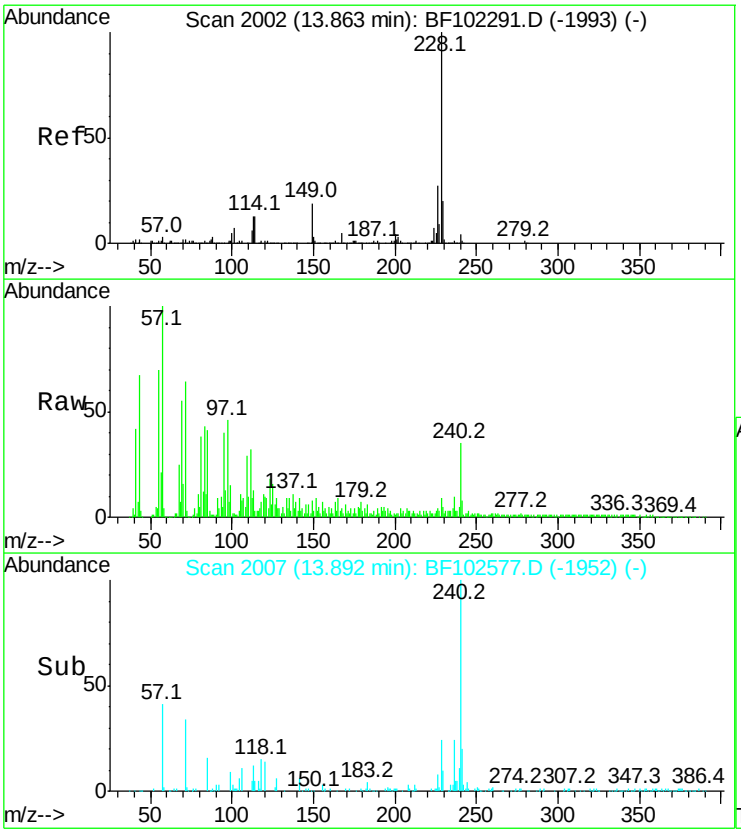
#78
Terphenyl-d14
Concen: 73.660 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 656967

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.7	11.0	16.4

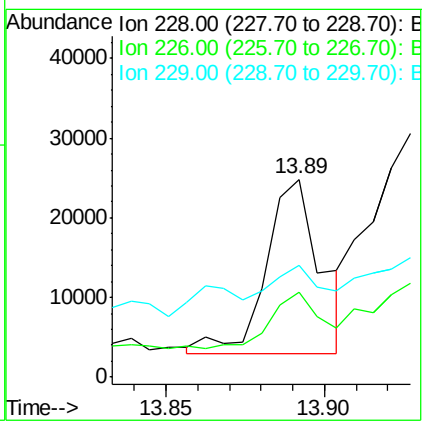


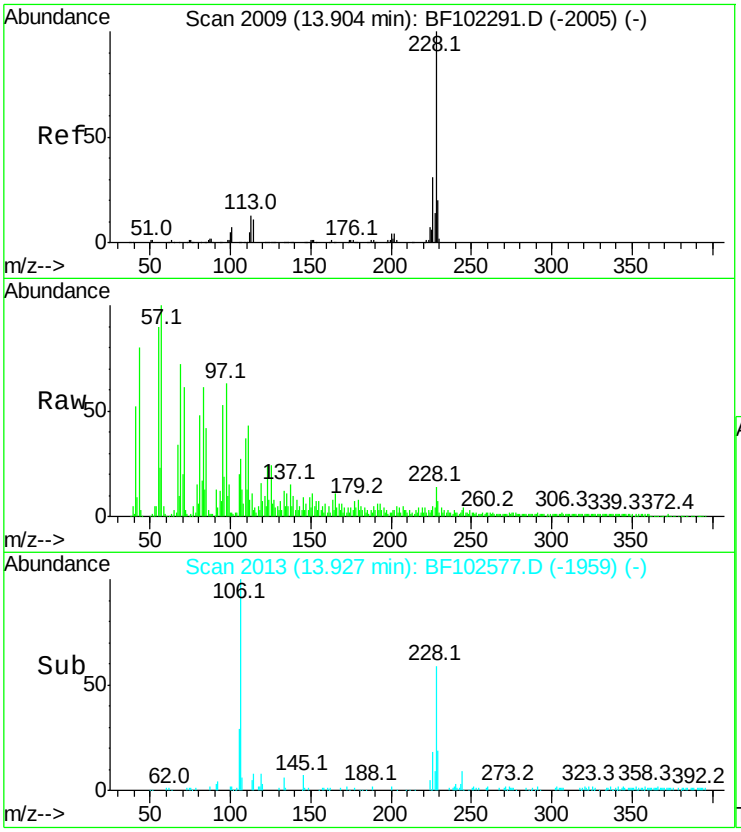


#80
Benzo(a)anthracene
Concen: 2.138 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:228 Resp: 26469

Ion	Ratio	Lower	Upper
228	100		
226	43.0	22.6	33.8#
229	56.5	15.8	23.6#



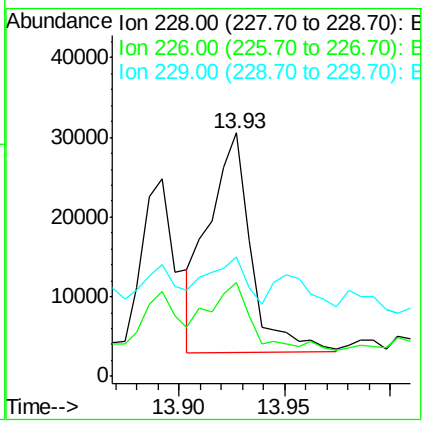


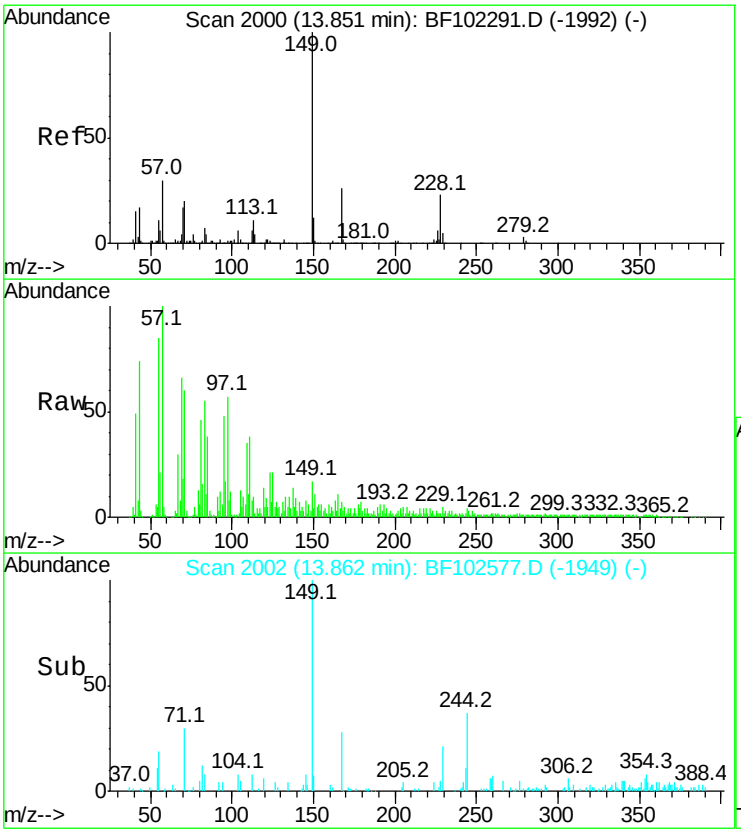
#82
Chrysene
Concen: 3.041 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38231

Ion	Ratio	Lower	Upper
228	100		
226	38.3	25.0	37.6#
229	49.3	16.2	24.4#

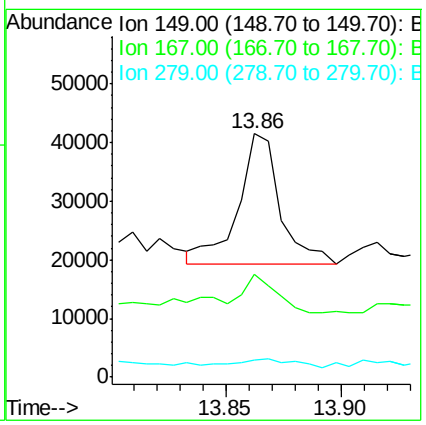


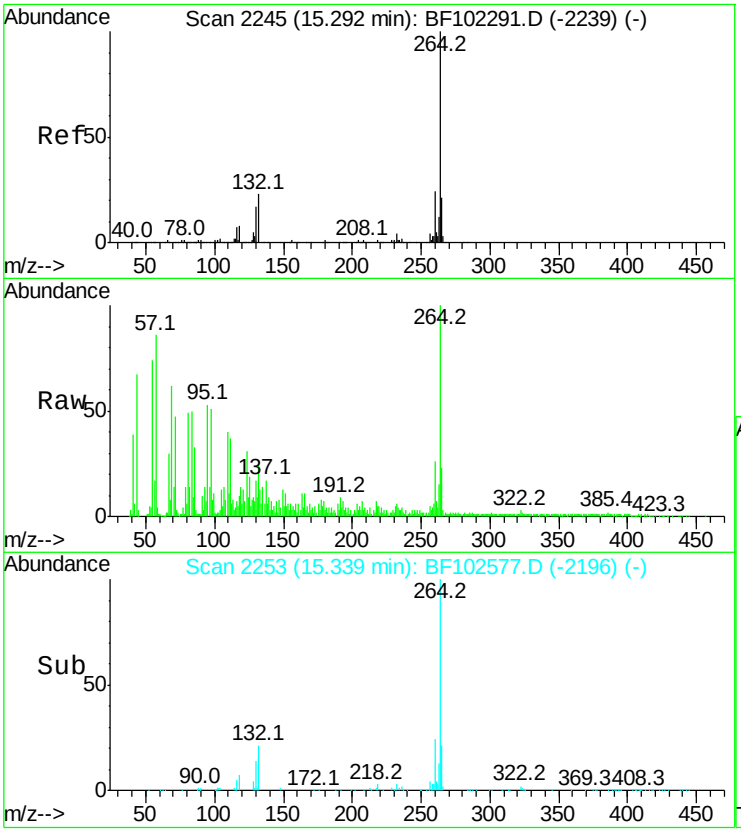


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.735 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:149 Resp: 28436

Ion	Ratio	Lower	Upper
149	100		
167	42.5	21.3	31.9#
279	6.8	3.0	4.4#



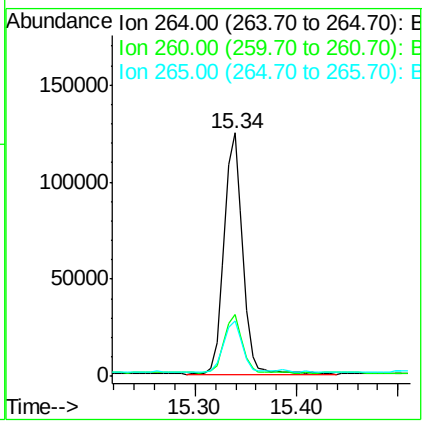


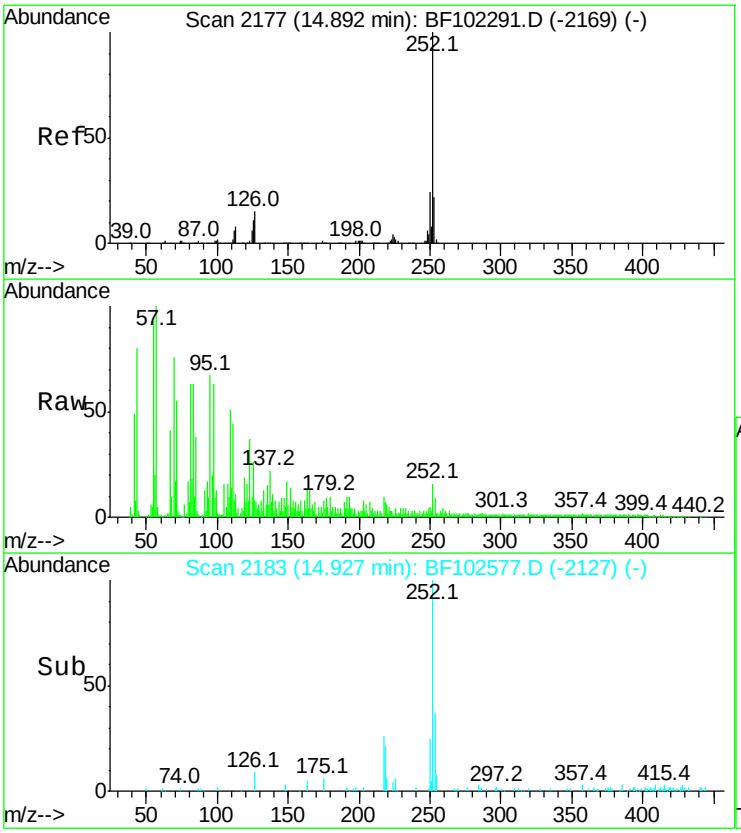
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.04 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 160360

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.6	17.5	26.3

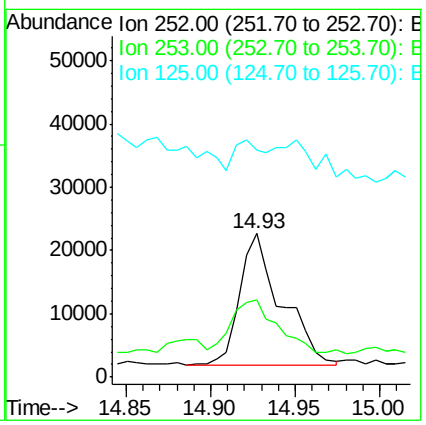


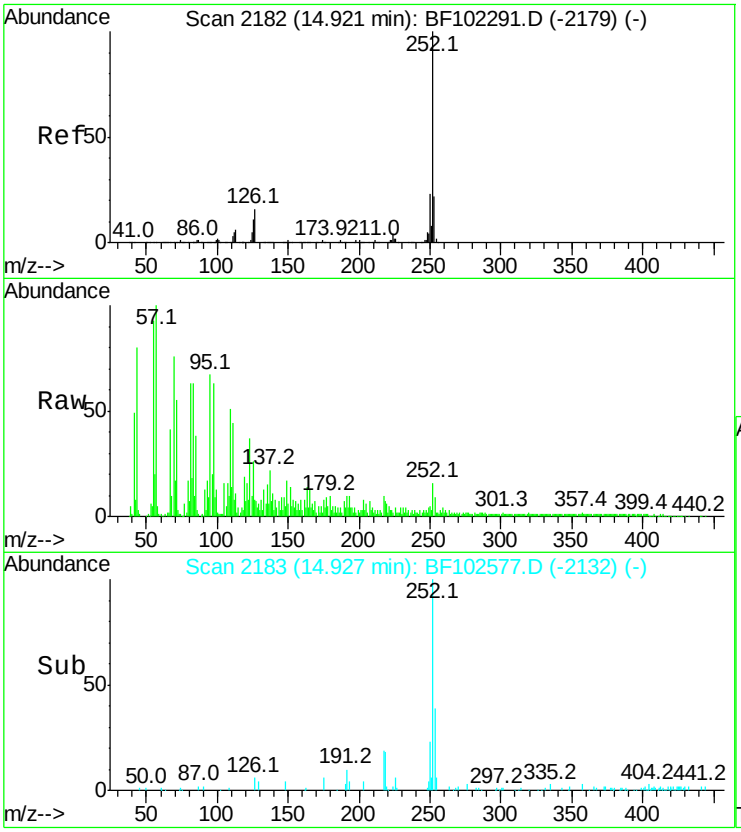


#87
Benzo(b)fluoranthene
Concen: 3.417 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.03 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:252 Resp: 35515

Ion	Ratio	Lower	Upper
252	100		
253	53.5	17.0	25.6#
125	158.2	9.0	13.6#



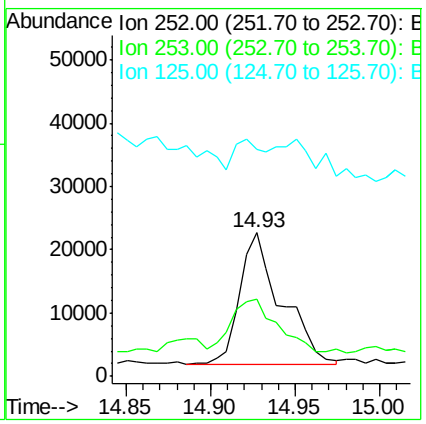


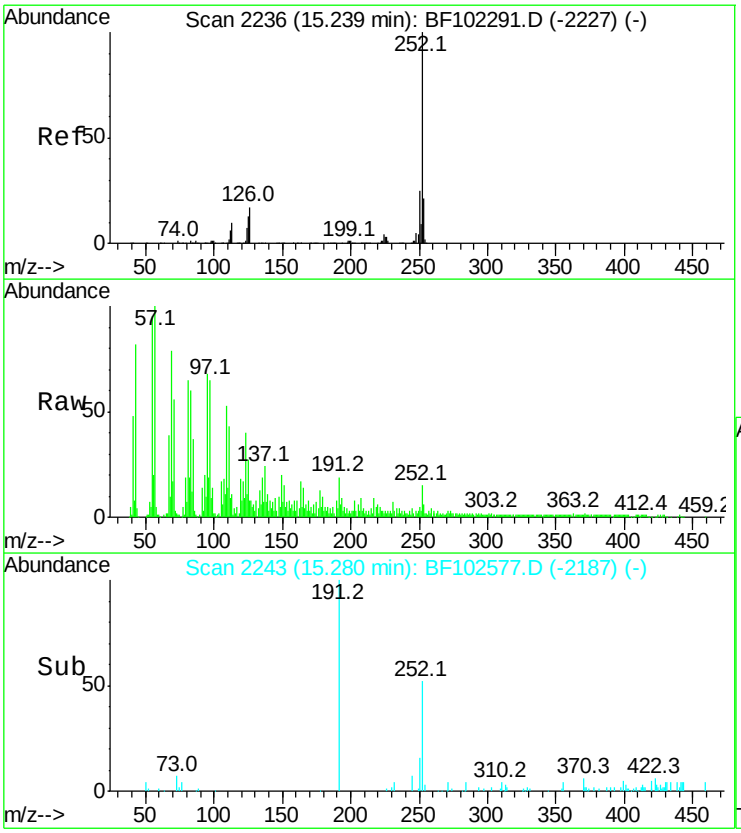
#88
Benzo(k)fluoranthene
Concen: 3.617 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 35515

Ion	Ratio	Lower	Upper
252	100		
253	53.5	17.9	26.9#
125	158.2	10.2	15.2#

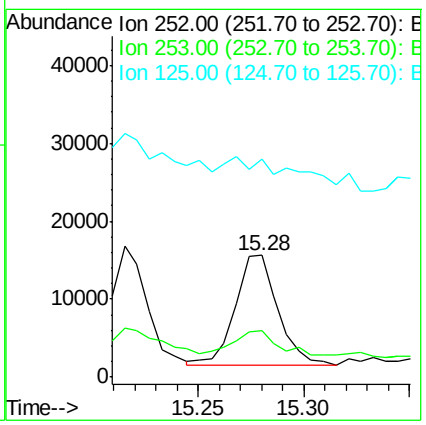


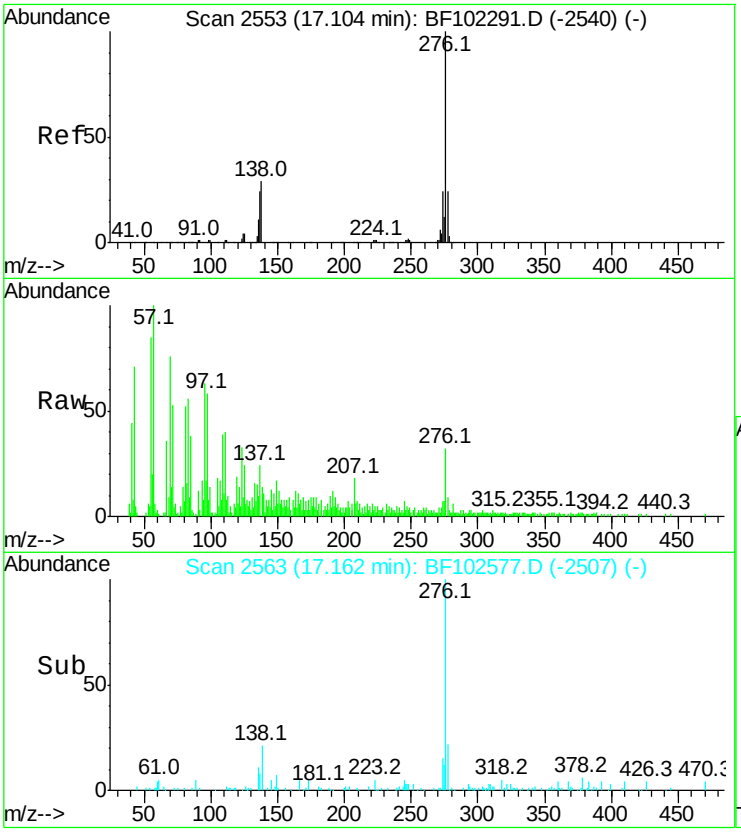


#89
Benzo(a)pyrene
Concen: 2.079 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.03 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion:252 Resp: 19486

Ion	Ratio	Lower	Upper
252	100		
253	37.8	17.1	25.7#
125	179.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.743 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.03 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20568

Ion	Ratio	Lower	Upper
276	100		
277	28.1	17.9	26.9#
138	43.4	21.8	32.8#