Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102355.D
Acq On : 23 Jan 2018 21:18
Operator : SJ/JU
Sample : J1016-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 23 23:45:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	129937	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	561434	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	246442	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	382102	20.00	ng		0.00
75) Chrysene-d12	13.87	240	255770	20.00	ng		0.00
86) Perylene-d12	15.30	264	231077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	180324	21.04	ng		0.00
7) Phenol-d6	6.35	99	220817	21.37	ng		-0.01
23) Nitrobenzene-d5	7.27	82	133645	13.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	44284	18.14	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	258378	15.42	ng		-0.01
78) Terphenyl-d14	12.82	244	177396	15.64	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.27	82	129012	7.407	ng	#	64
49) Dimethylphthalate	9.47	163	41134	2.019	ng	#	99
50) 2,6-Dinitrotoluene	9.75	165	34209	7.789	ng	#	26
56) 2,4-Dinitrotoluene	9.75	165	34209	6.334	ng	#	23
70) Phenanthrene	11.26	178	61705	2.771	ng		99
71) Anthracene	11.26	178	61705	2.715	ng		100
74) Fluoranthene	12.44	202	104145	4.587	ng		96
77) Pyrene	12.67	202	97916	4.951	ng		99
80) Benzo(a)anthracene	13.86	228	39974	2.539	ng		94
82) Chrysene	13.86	228	39974	2.500	ng		98
87) Benzo(b)fluoranthene	14.89	252	63993	4.273	ng	#	81
88) Benzo(k)fluoranthene	14.89	252	63993	4.522	ng	#	84
89) Benzo(a)pyrene	15.24	252	33186	2.457	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
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Acq On : 23 Jan 2018 21:18
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
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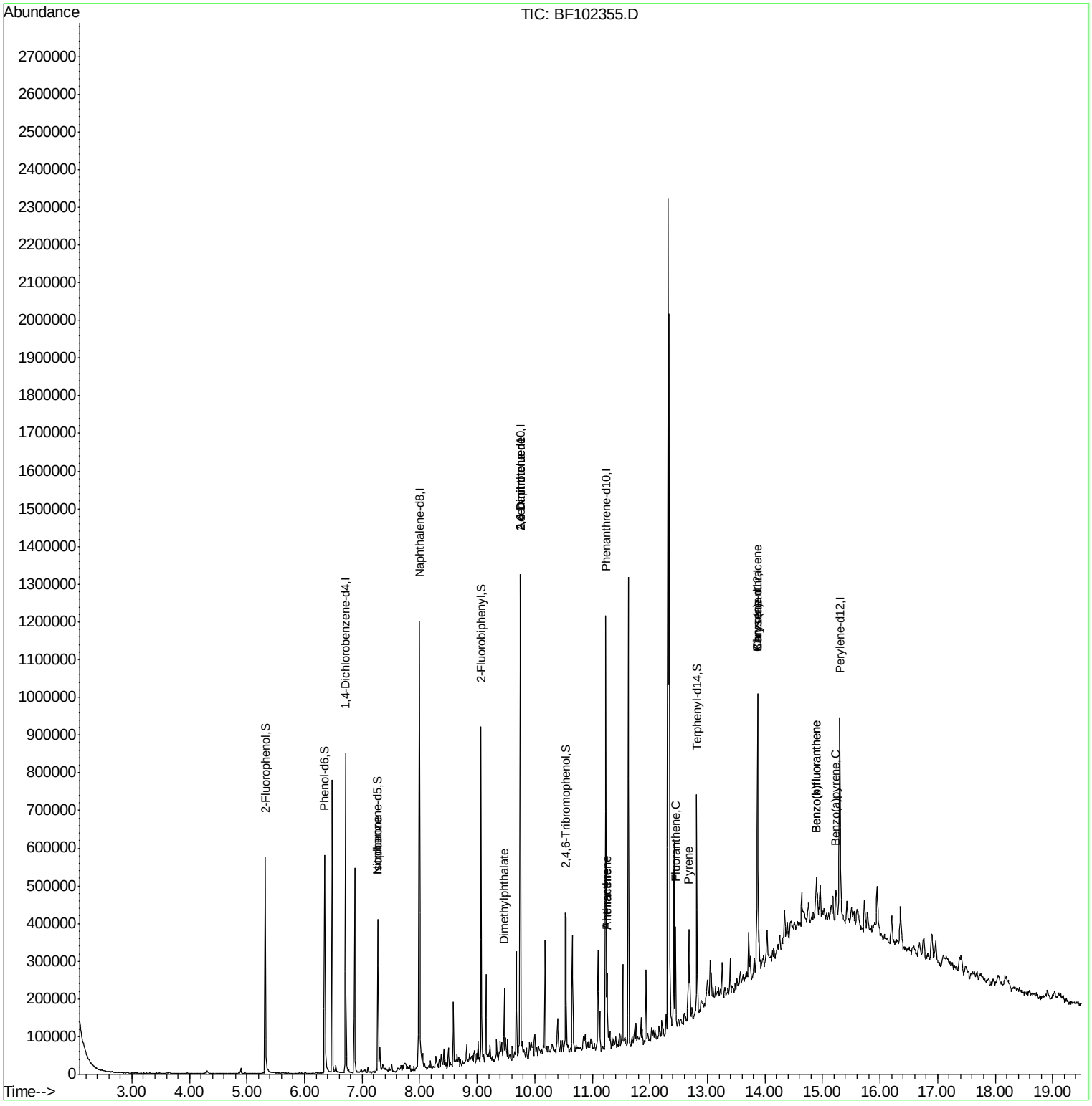
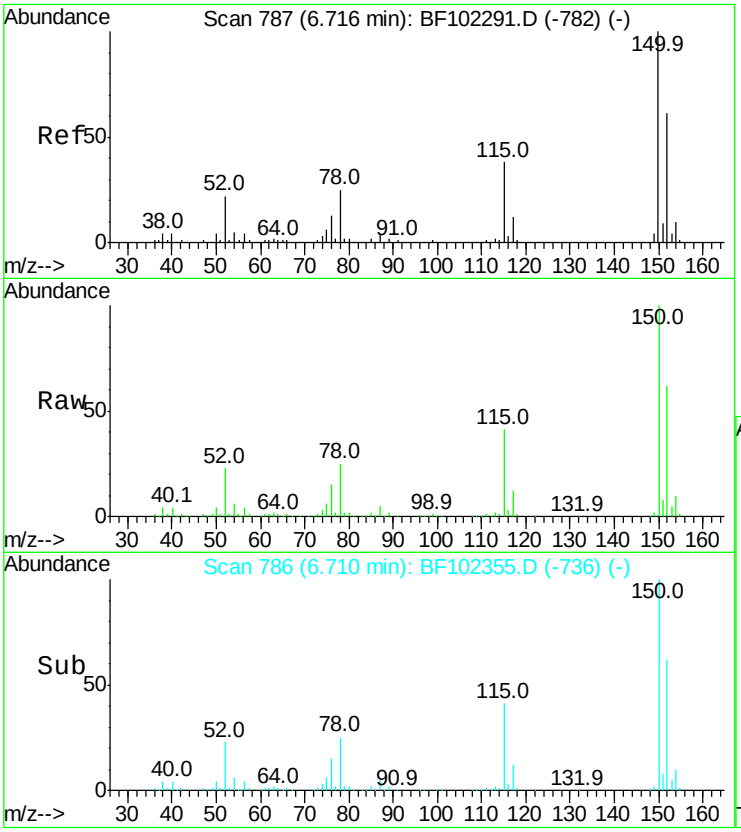
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration



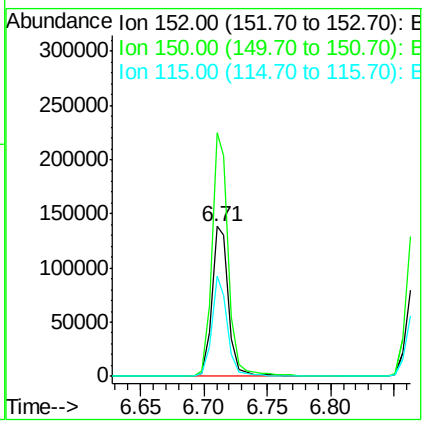


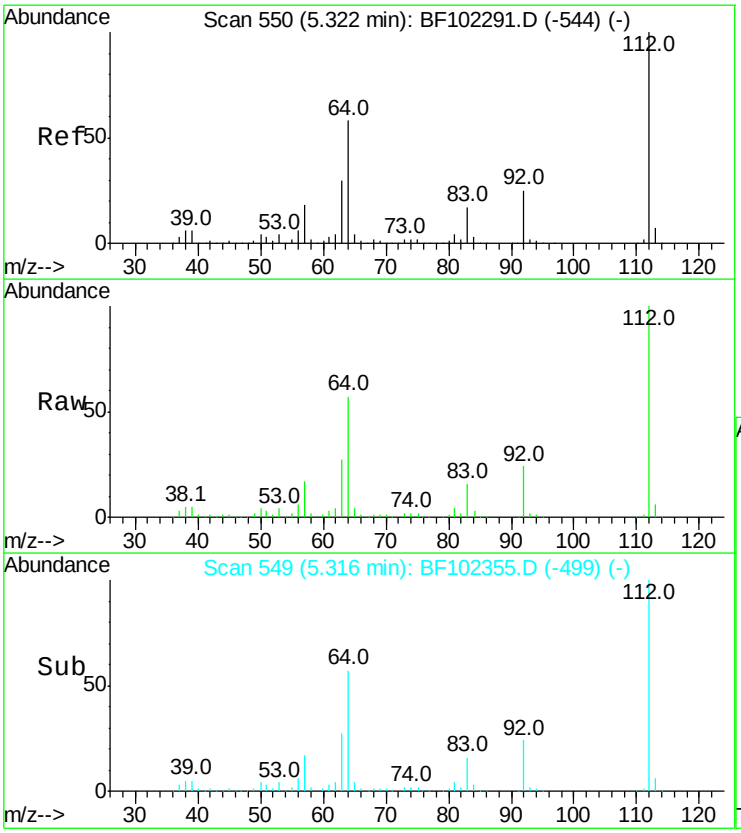
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129937

Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	66.9	50.1	75.1

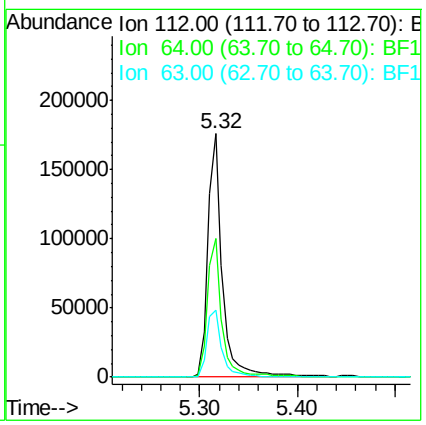


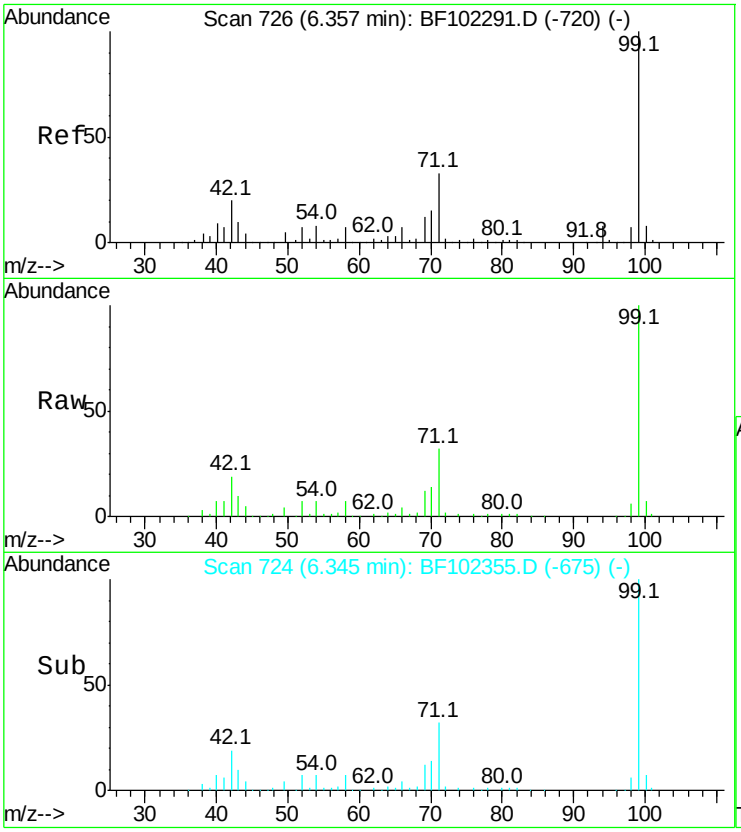


#5
2-Fluorophenol
Concen: 21.042 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:112 Resp: 180324

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	27.3	23.7	35.5



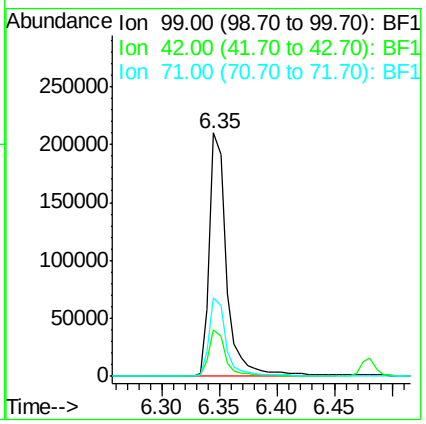


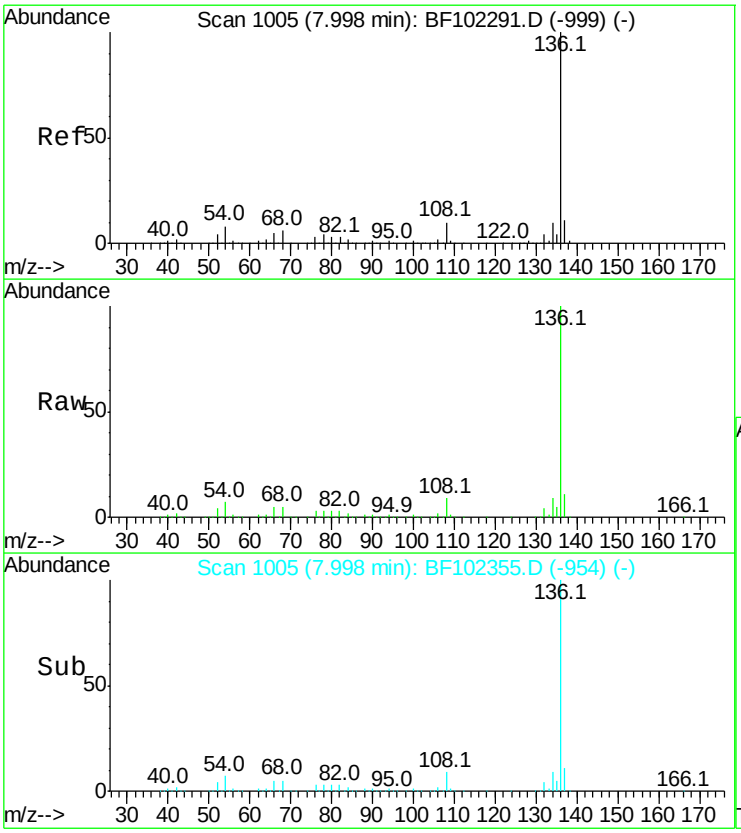
#7
Phenol-d6
Concen: 21.373 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 220817

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.4	25.4	38.0

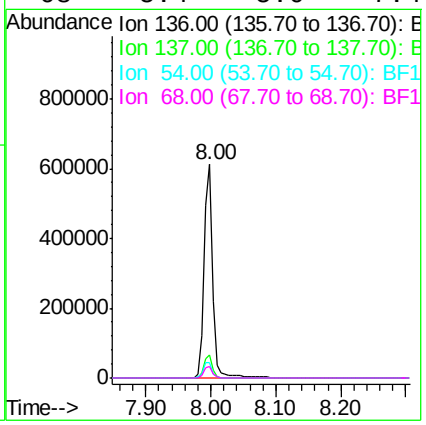


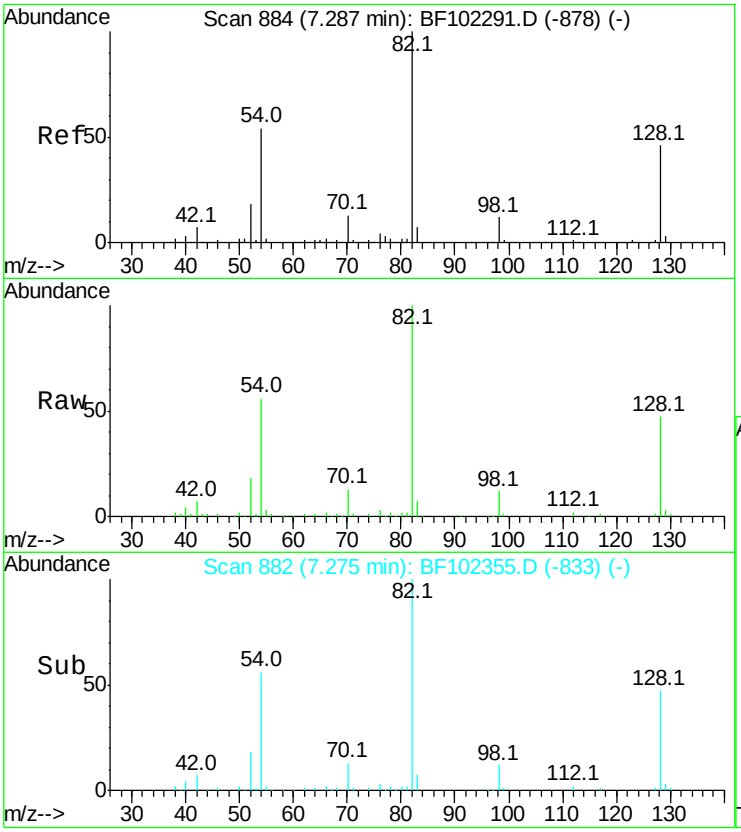


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:136 Resp: 561434

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	5.4	5.0	7.4



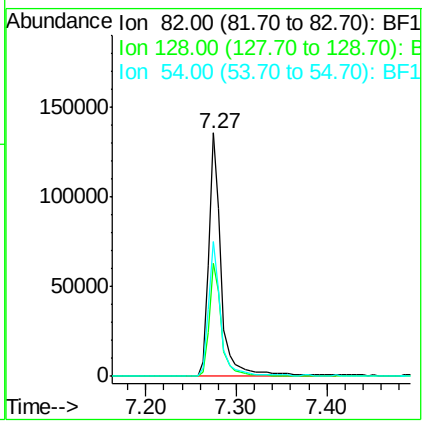


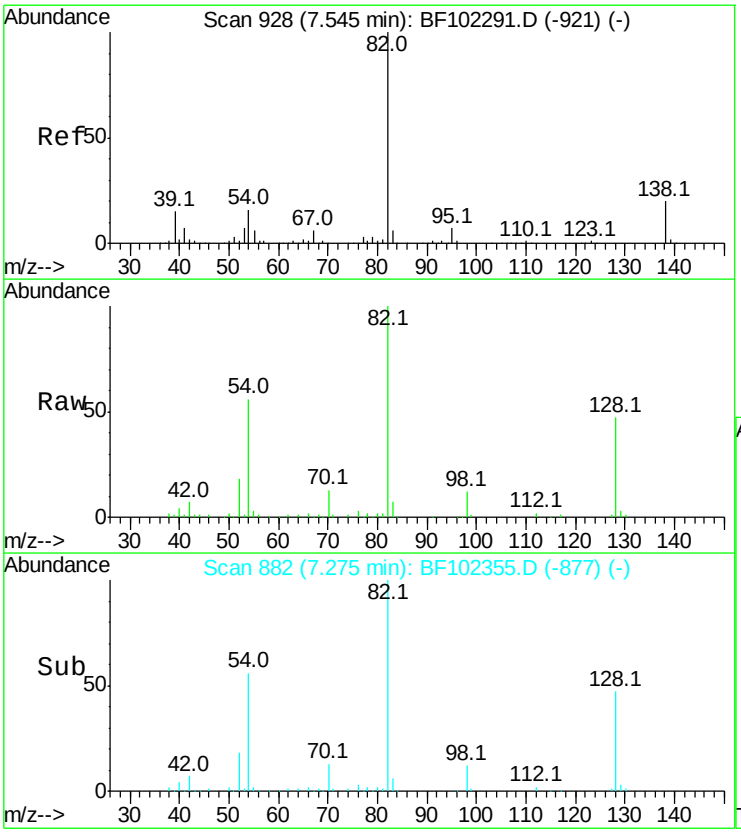
#23
Nitrobenzene-d5
Concen: 13.680 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 133645

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	55.5	41.4	62.2

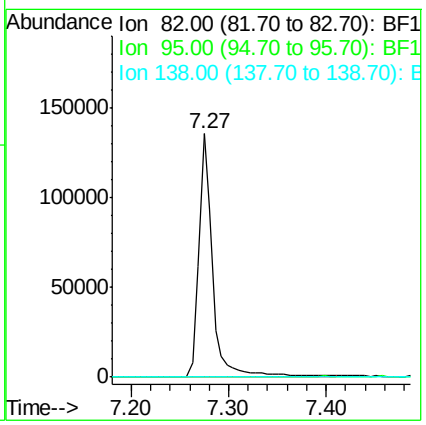


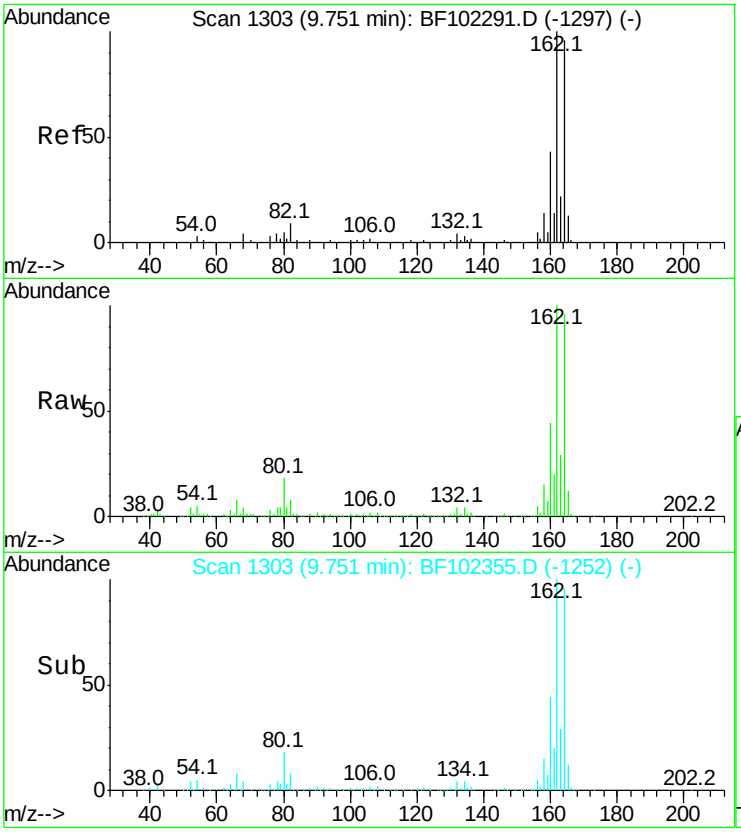


#25
Isophorone
Concen: 7.407 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion: 82 Resp: 129012

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



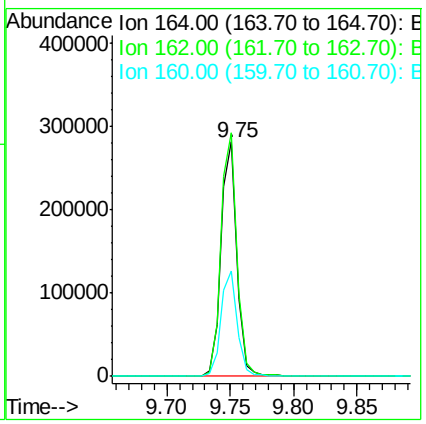


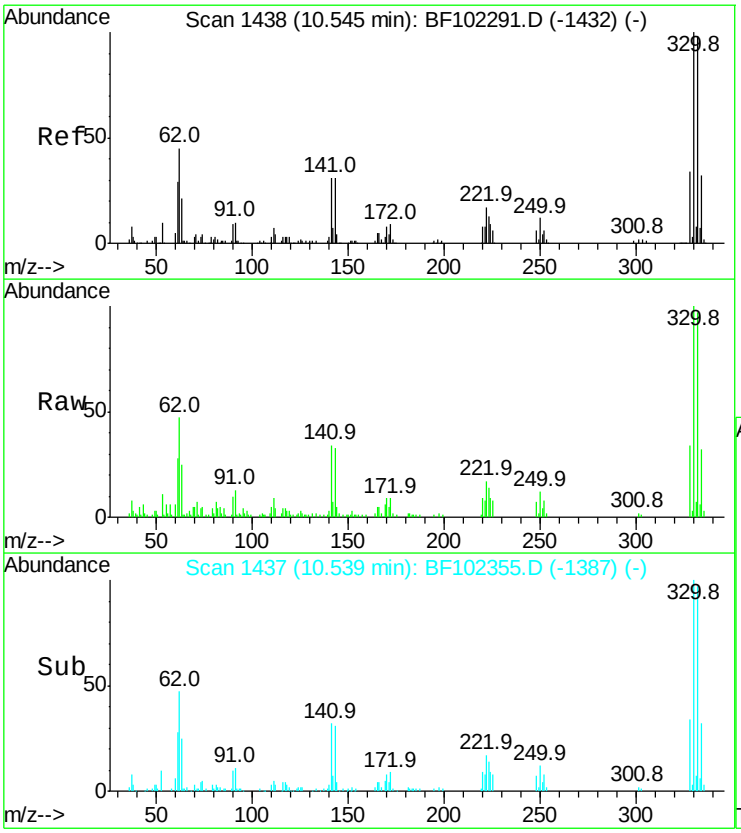
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 246442

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.3	38.3	57.5

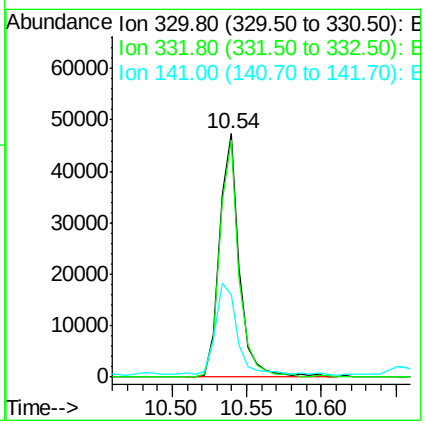


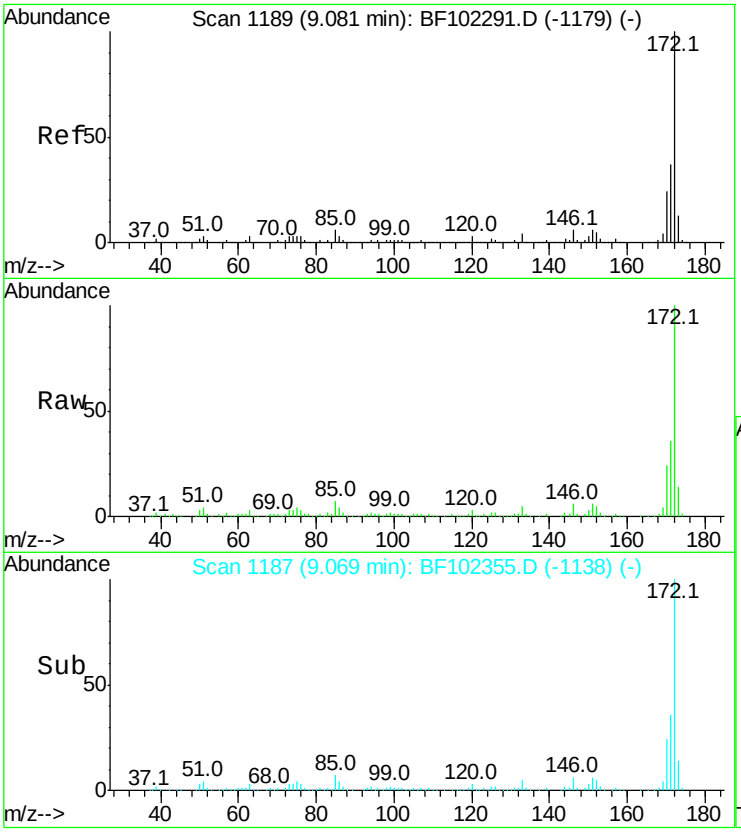


#41
2,4,6-Tribromophenol
Concen: 18.135 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:330 Resp: 44284

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	40.2	29.9	44.9



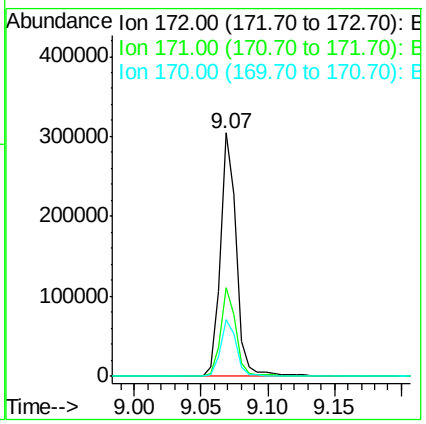


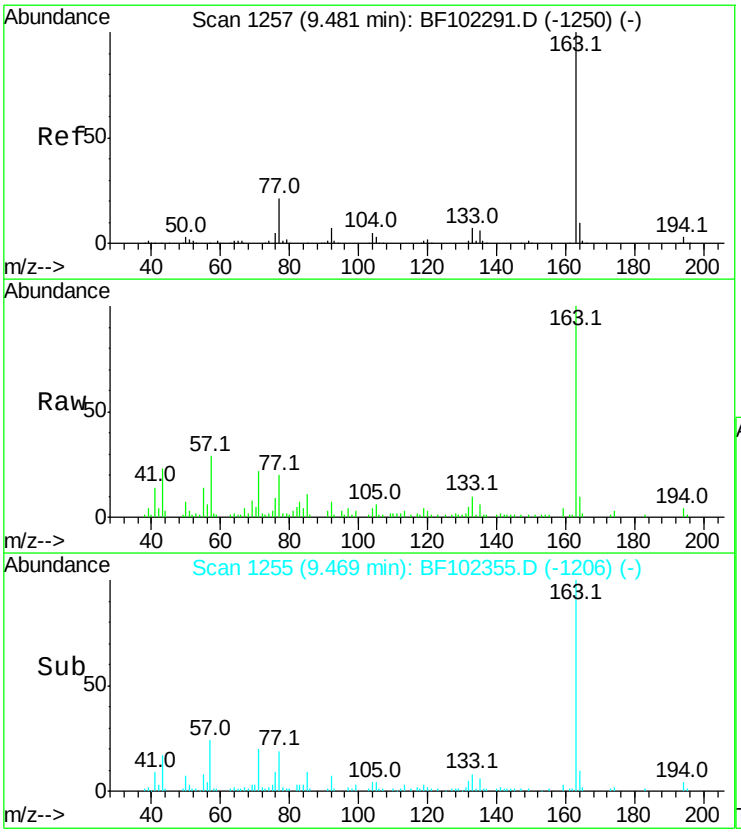
#44
2-Fluorobiphenyl
Concen: 15.416 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 258378

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4

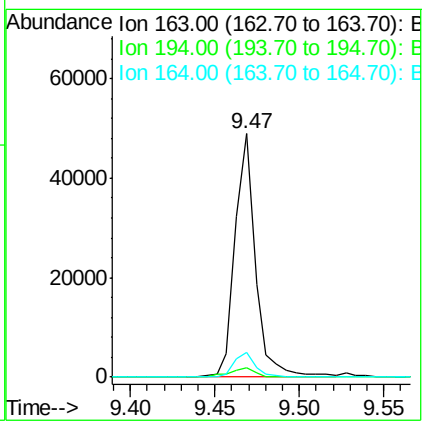


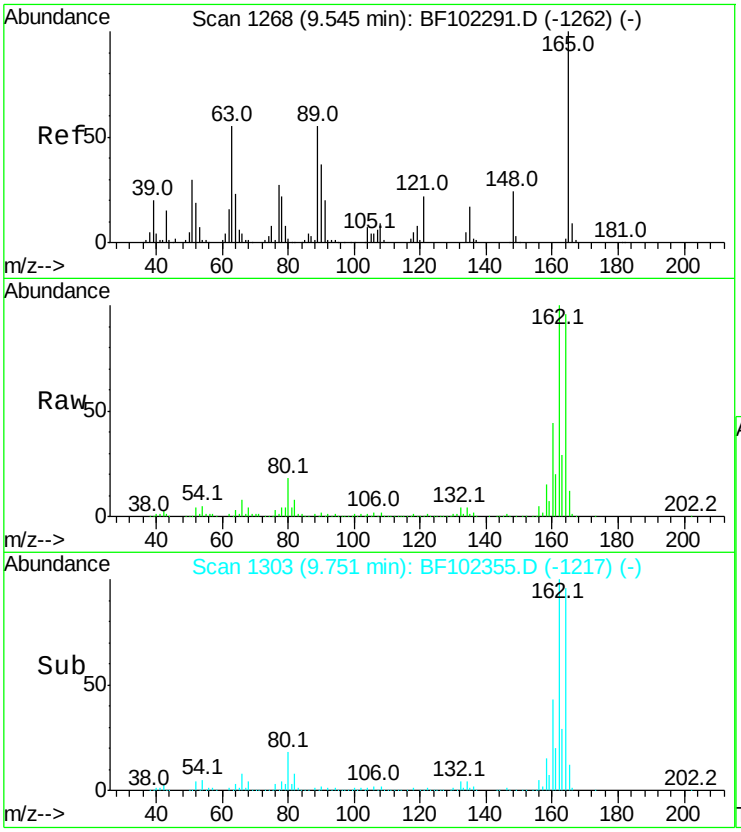


#49
Dimethylphthalate
Concen: 2.019 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:163 Resp: 41134

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



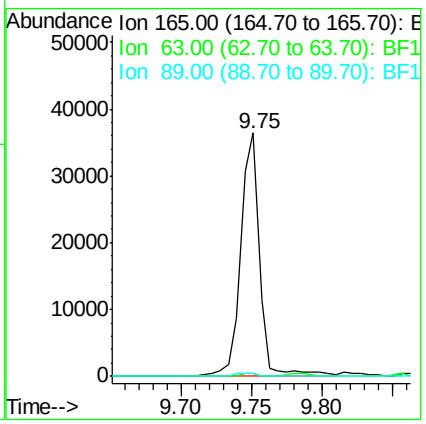


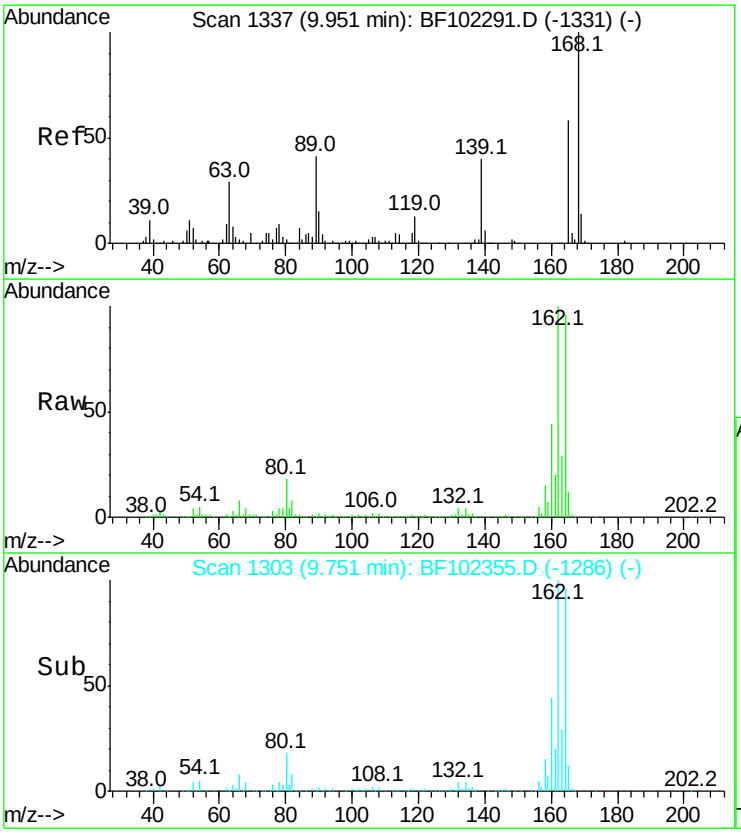
#50
2,6-Dinitrotoluene
Concen: 7.789 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34209

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

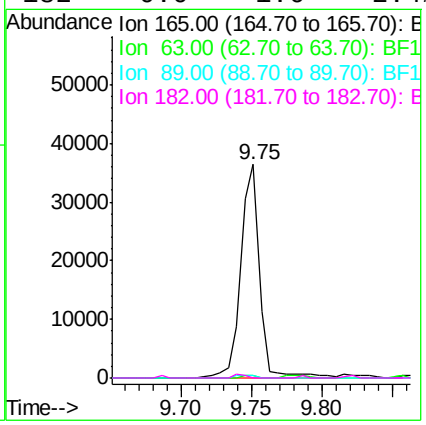


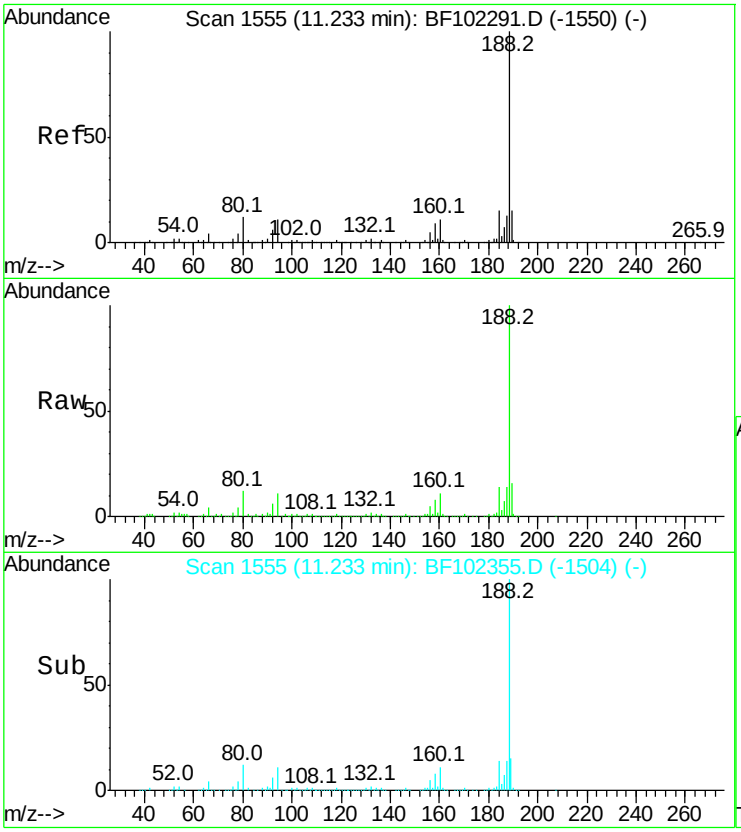


#56
2,4-Dinitrotoluene
Concen: 6.334 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:165 Resp: 34209

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



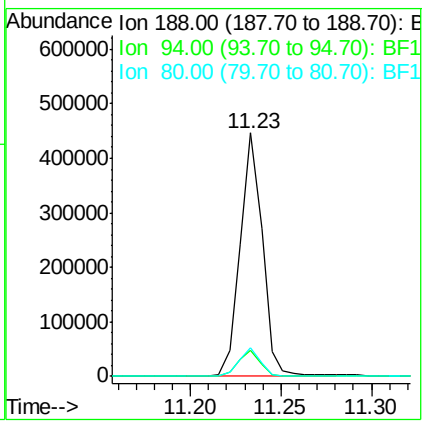


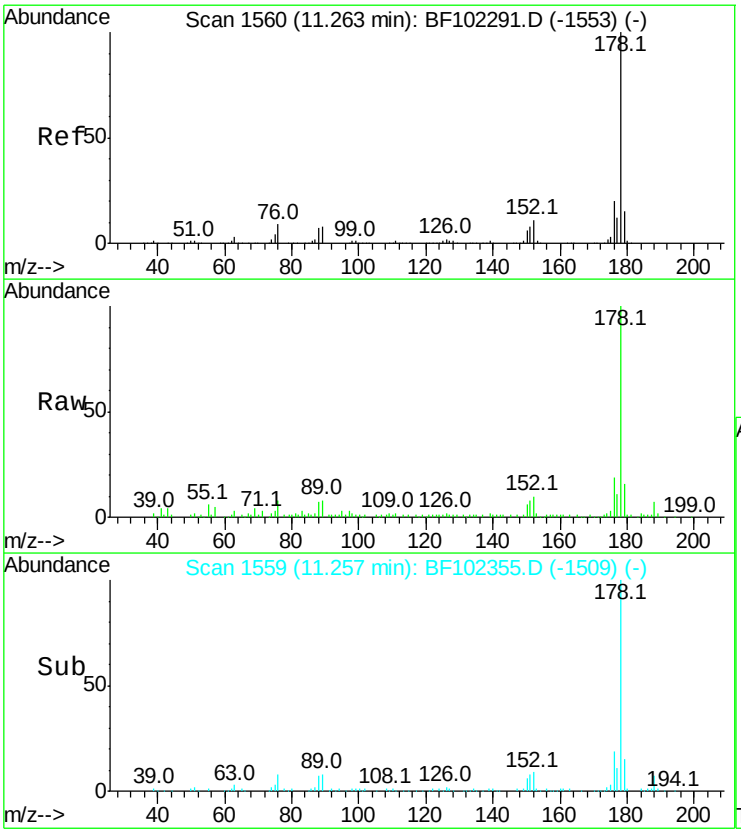
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 382102

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.9	9.2	13.8

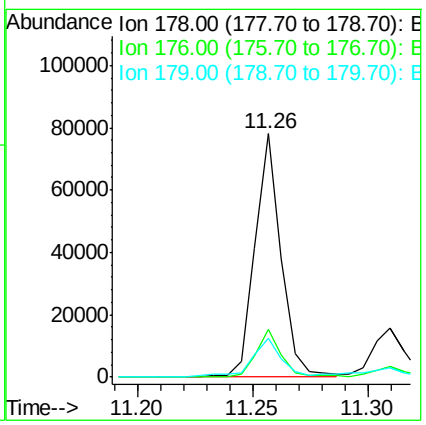


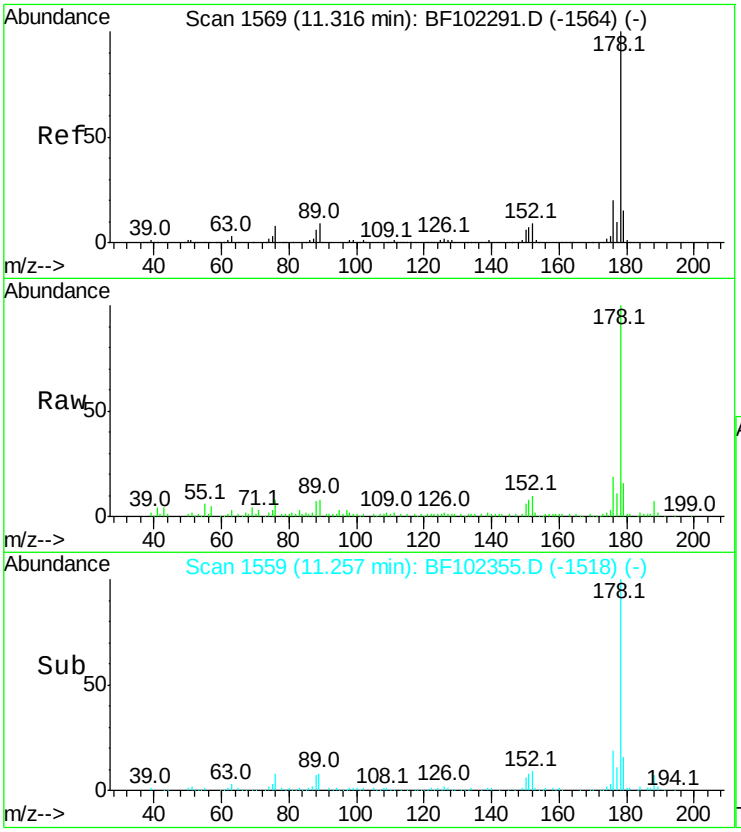


#70
Phenanthrene
Concen: 2.771 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:178 Resp: 61705

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



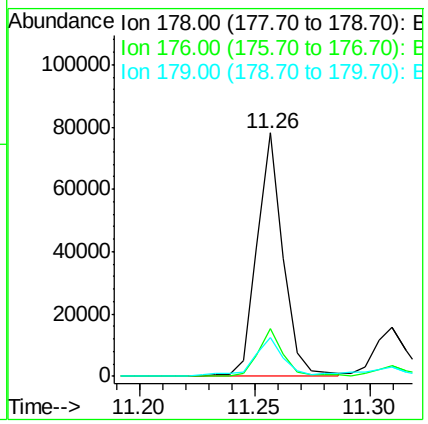


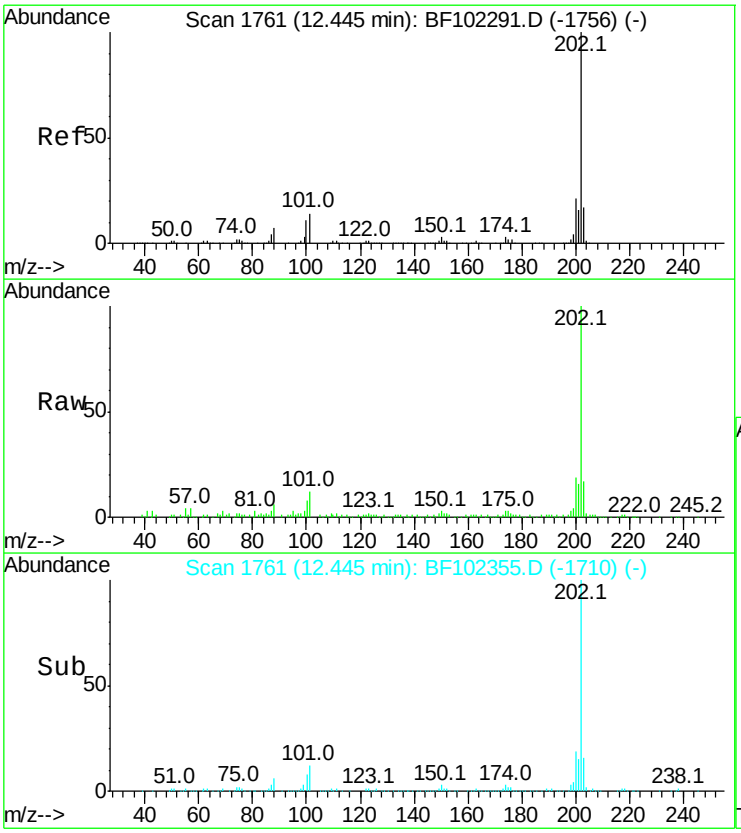
#71
Anthracene
Concen: 2.715 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.06 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 61705

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

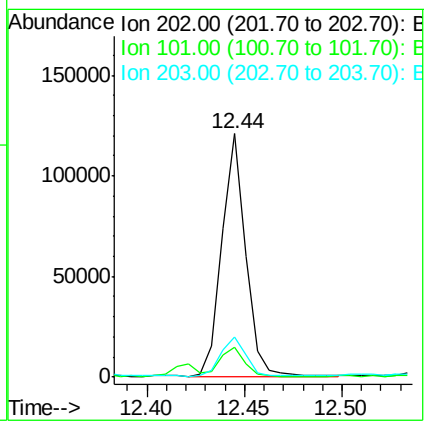


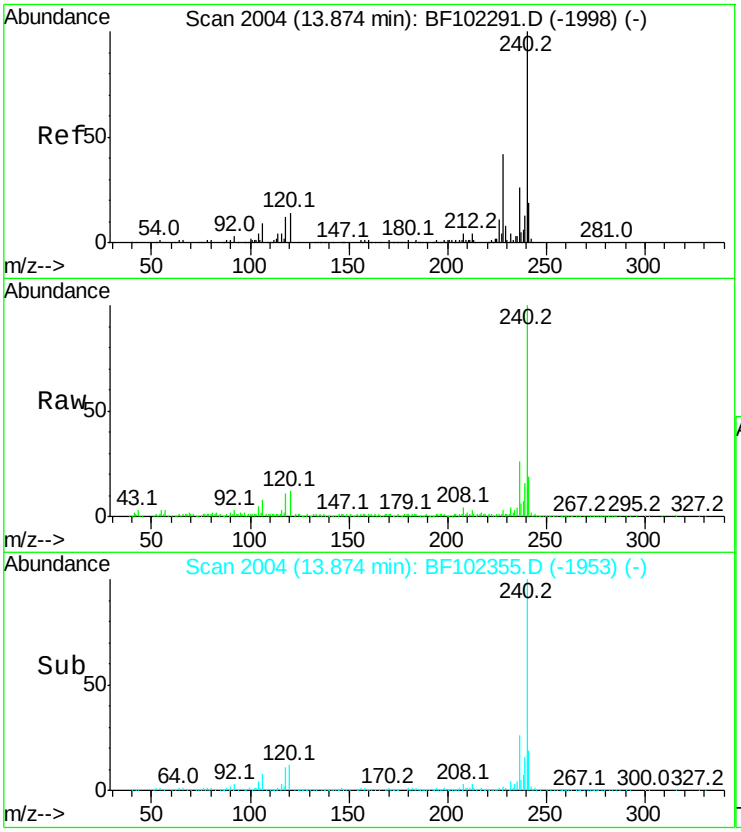


#74
Fluoranthene
Concen: 4.587 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:202 Resp: 104145

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	16.6	0.0	38.1



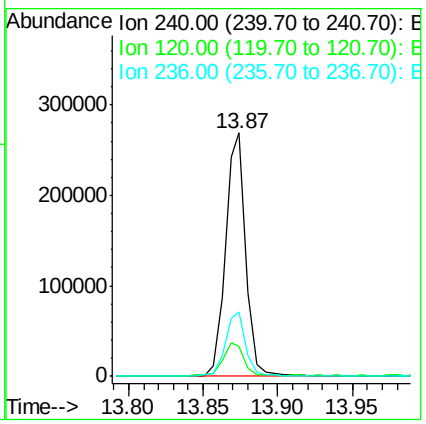


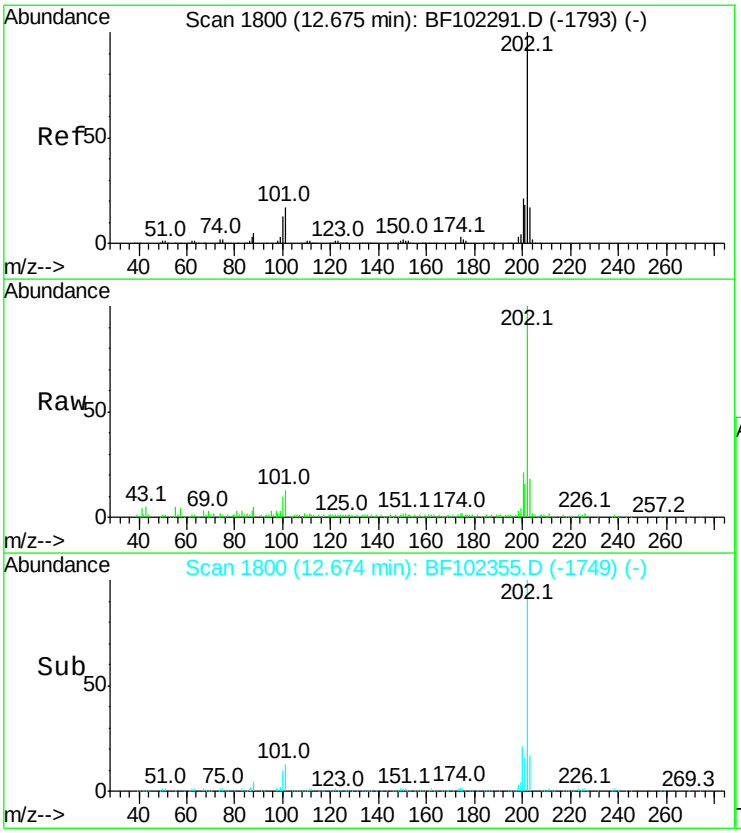
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 255770

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.2	20.7	31.1

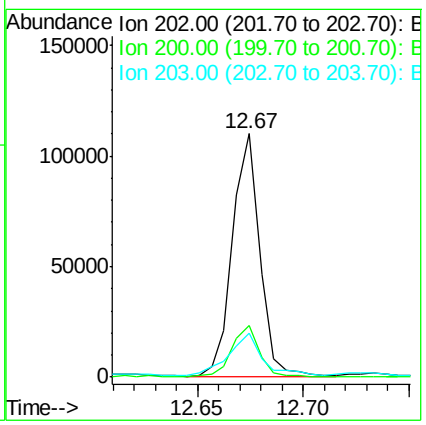


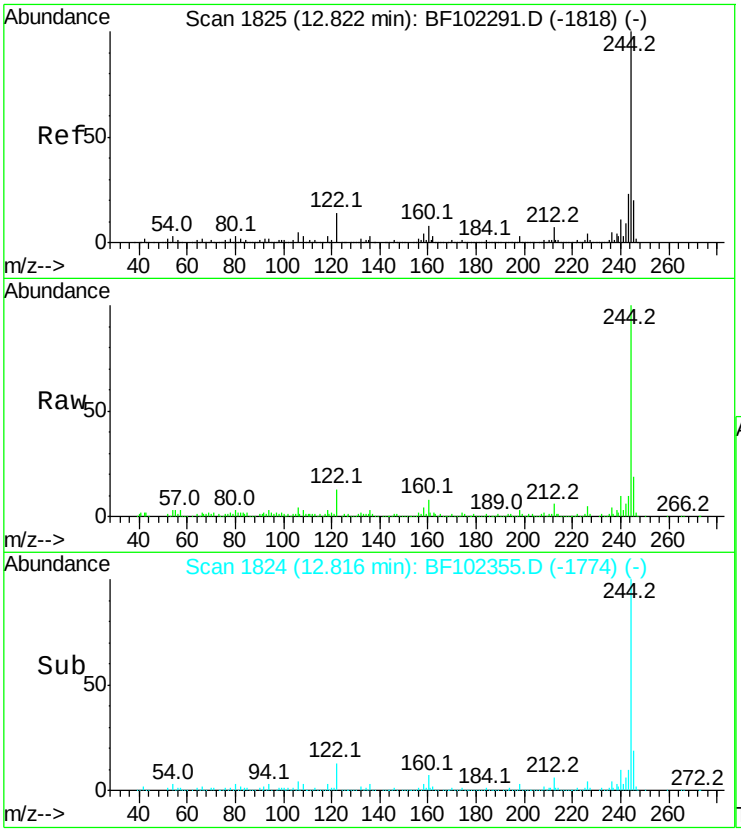


#77
Pyrene
Concen: 4.951 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:202 Resp: 97916

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5



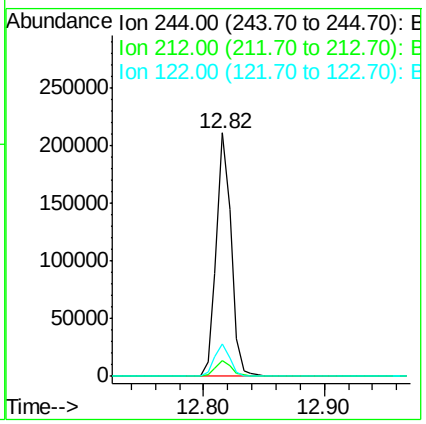


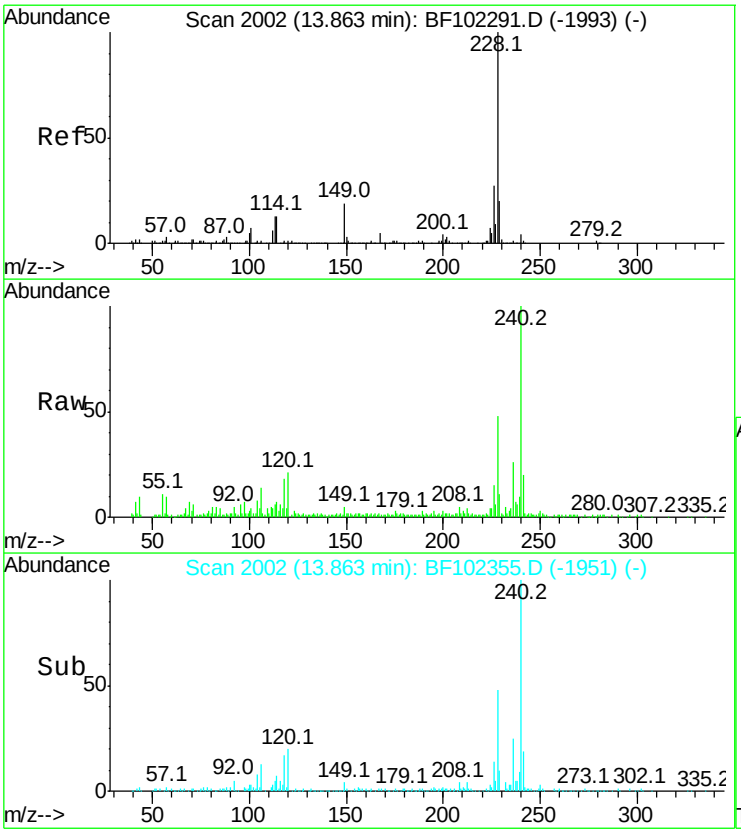
#78
Terphenyl-d14
Concen: 15.636 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 177396

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.3	11.0	16.4

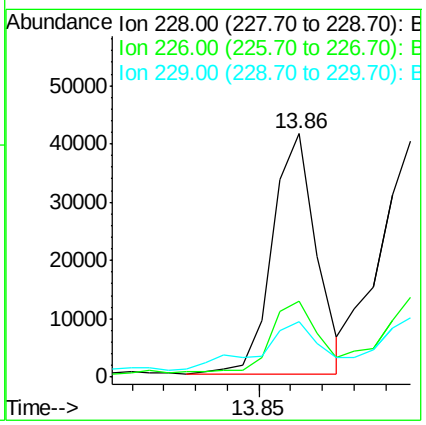


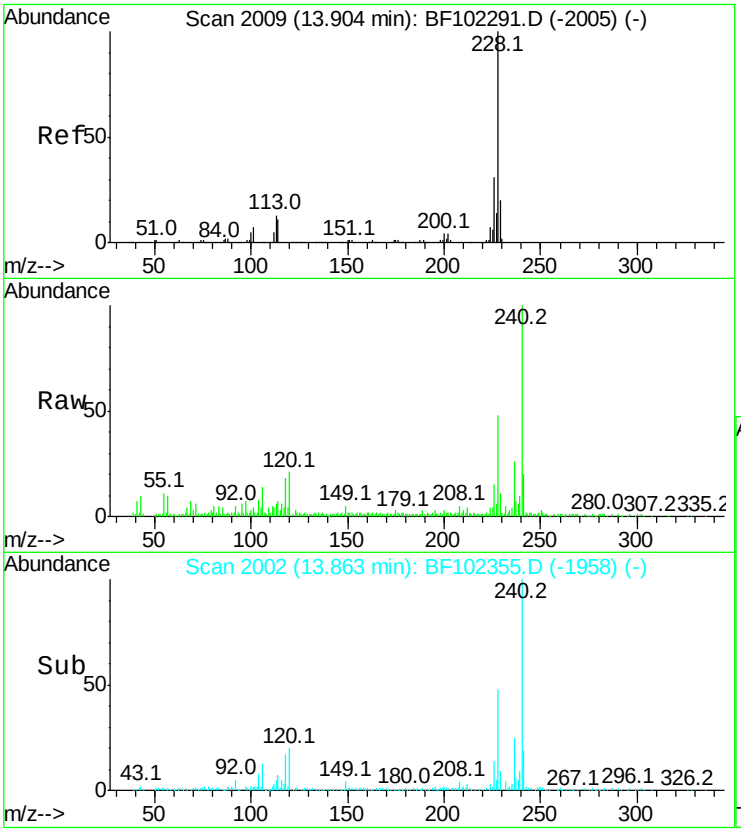


#80
Benzo(a)anthracene
Concen: 2.539 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:228 Resp: 39974

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	22.9	15.8	23.6



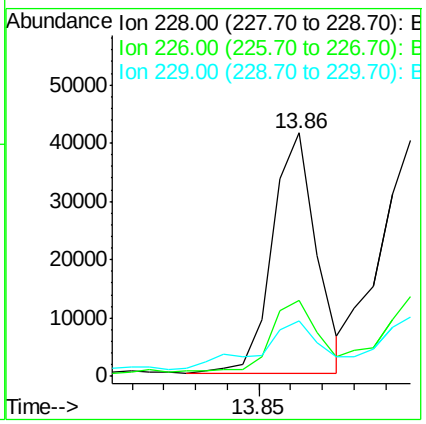


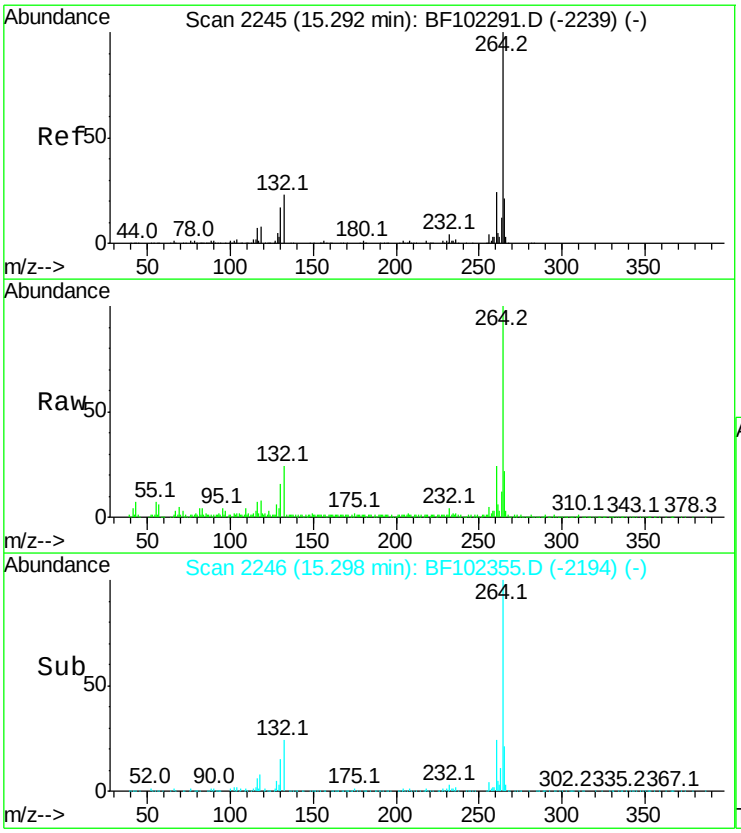
#82
Chrysene
Concen: 2.500 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39974

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.9	16.2	24.4

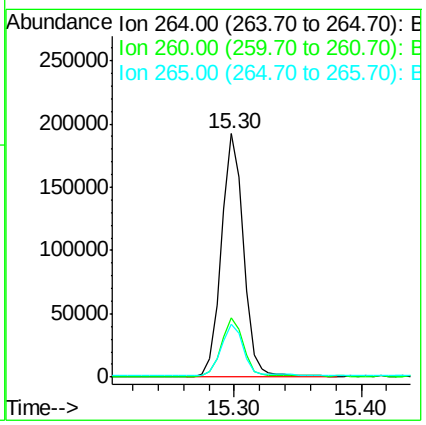


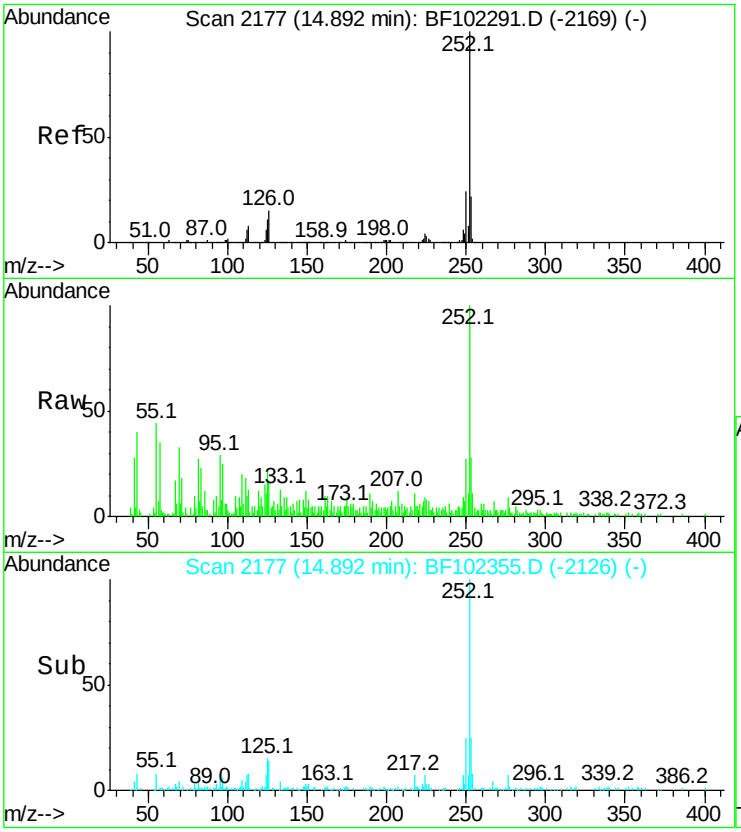


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:264 Resp: 231077

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3



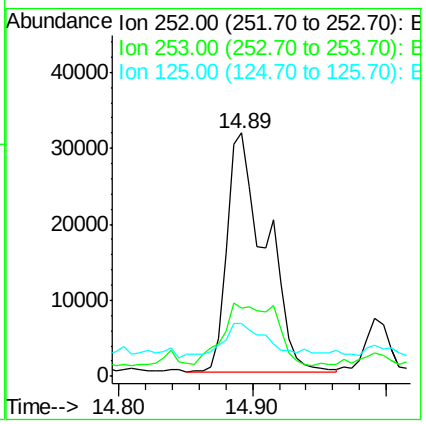


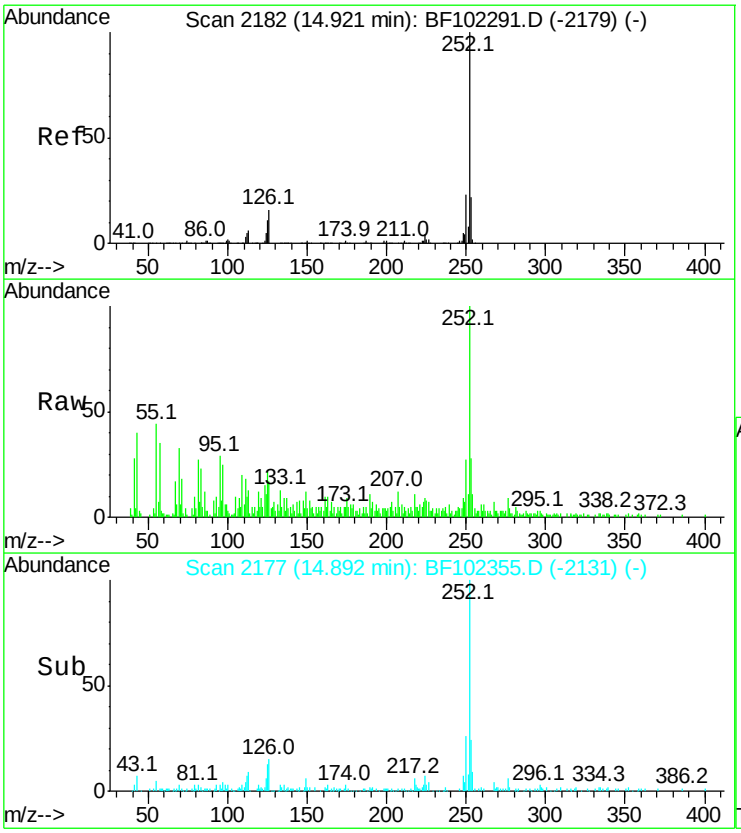
#87
Benzo(b)fluoranthene
Concen: 4.273 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 63993

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.0	25.6#
125	21.8	9.0	13.6#

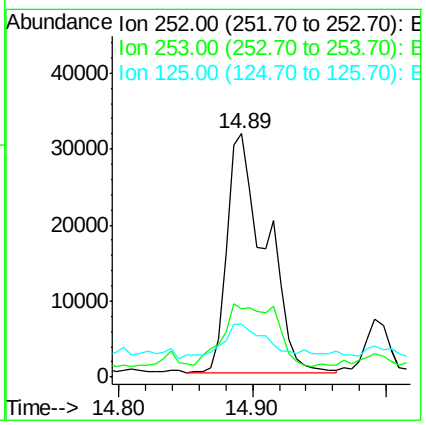


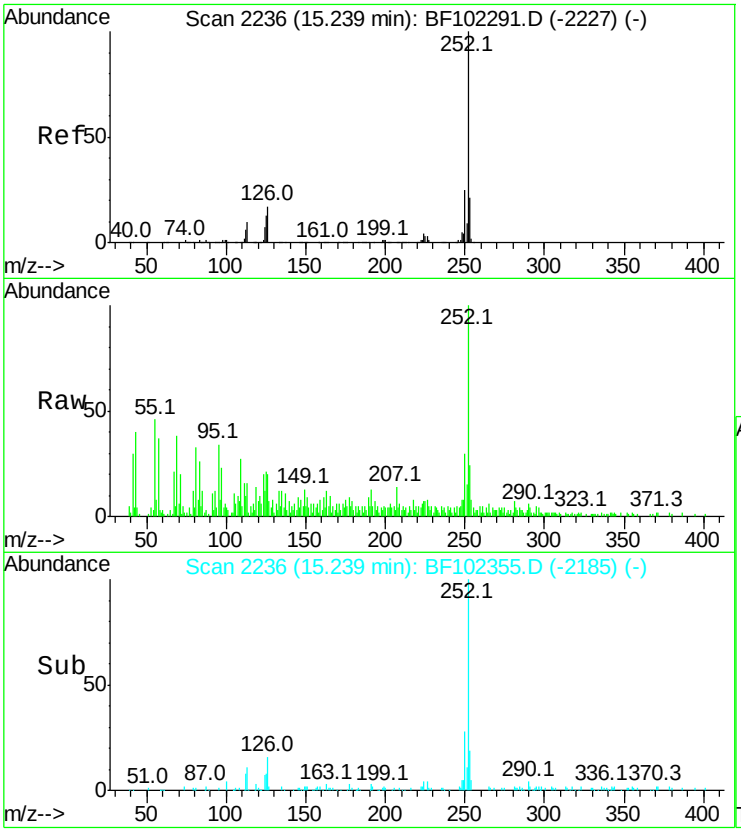


#88
Benzo(k)fluoranthene
Concen: 4.522 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Tgt Ion:252 Resp: 63993

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.9	26.9#
125	21.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.457 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102355.D
Acq: 23 Jan 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33186

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	20.9	9.8	14.6#