Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102218.D
Acq On : 19 Jan 2018 13:18
Operator : SJ/JU
Sample : J1200-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2_SB74_E-N_8

Quant Time: Jan 19 14:31:04 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128853	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	529674	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	230526	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	362342	20.00	ng		0.00
75) Chrysene-d12	13.87	240	266097	20.00	ng		0.00
86) Perylene-d12	15.29	264	231238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	237365	26.01	ng		0.00
7) Phenol-d6	6.35	99	283937	26.08	ng		-0.02
23) Nitrobenzene-d5	7.28	82	167532	18.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	53058	26.37	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	274778	18.62	ng		0.00
78) Terphenyl-d14	12.82	244	202794	15.82	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	20734	2.906	ng	#	80
25) Isophorone	7.28	82	167531	9.407	ng	#	64
31) Naphthalene	8.03	128	400876	15.146	ng		99
33) 4-Chloroaniline	8.03	127	52405	4.639	ng	#	32
37) 2-Methylnaphthalene	8.72	142	38385	2.203	ng		96
50) 2,6-Dinitrotoluene	9.76	165	30223	8.182	ng	#	26
51) Acenaphthene	9.79	154	39602	2.602	ng		100
55) 4-Nitrophenol	9.96	139	14926	4.296	ng	#	10
56) 2,4-Dinitrotoluene	9.76	165	30223	6.528	ng	#	24
57) Fluorene	10.30	166	50469	3.495	ng		96
70) Phenanthrene	11.26	178	244893	11.570	ng		98
71) Anthracene	11.32	178	89145	4.153	ng		97
74) Fluoranthene	12.45	202	238228	11.440	ng		96
77) Pyrene	12.67	202	199511	8.482	ng		98
80) Benzo(a)anthracene	13.86	228	108204	6.373	ng		95
82) Chrysene	13.90	228	91738	5.182	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	40729	3.161	ng		98
87) Benzo(b)fluoranthene	14.89	252	149345	9.905	ng	#	97
88) Benzo(k)fluoranthene	14.89	252	149345	10.268	ng		97
89) Benzo(a)pyrene	15.23	252	81417	6.001	ng		98
91) Benzo(g,h,i)perylene	17.09	276	39764	3.646	ng		95

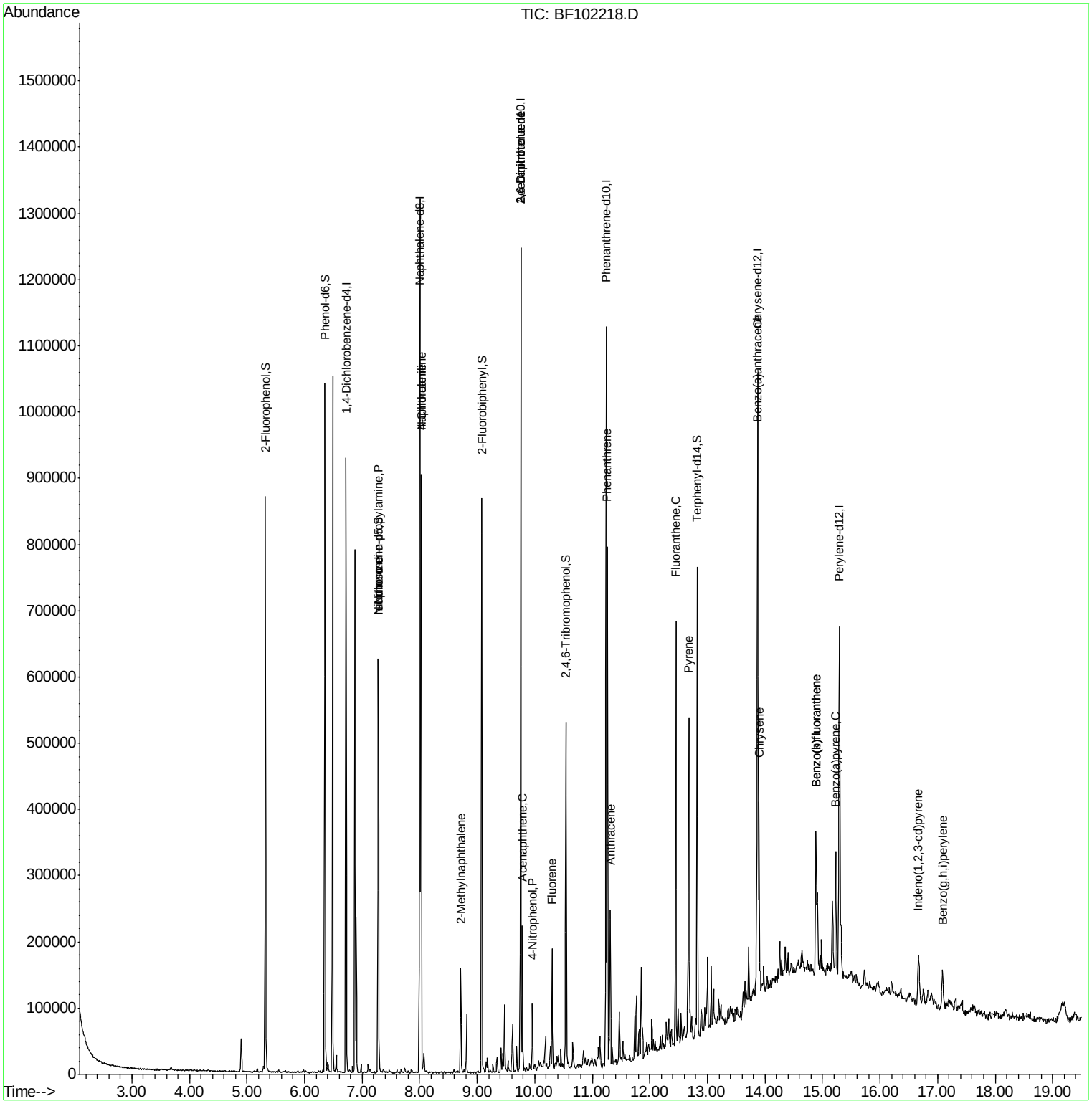
(#) = qualifier out of range (m) = manual integration (+) = signals summed

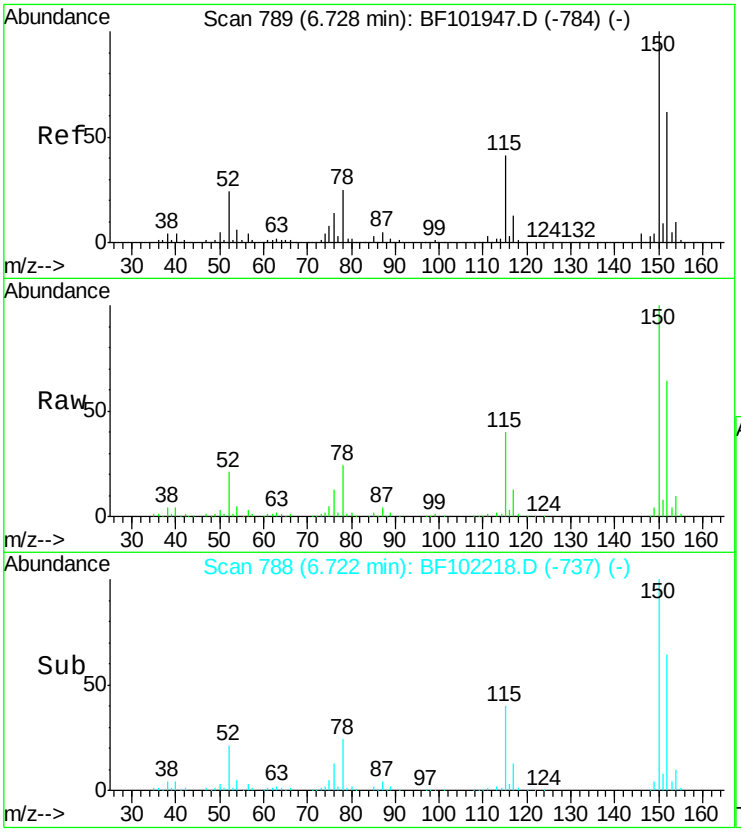
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102218.D
Acq On : 19 Jan 2018 13:18
Operator : SJ/JU
Sample : J1200-02 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Quant Time: Jan 19 14:31:04 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration



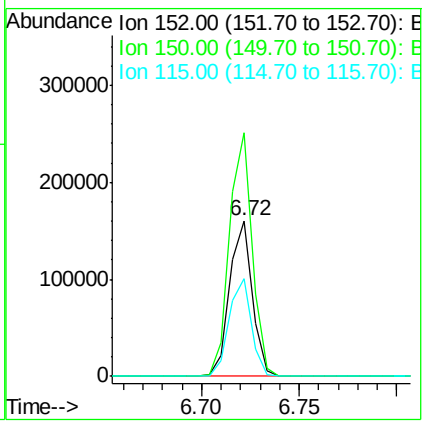


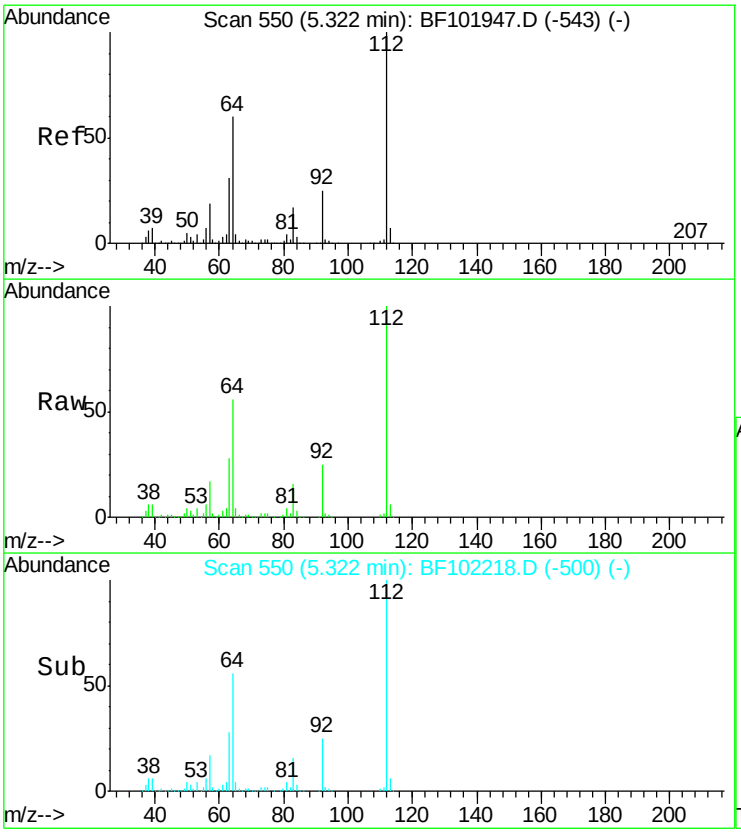
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:152 Resp: 128853

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	62.7	50.1	75.1

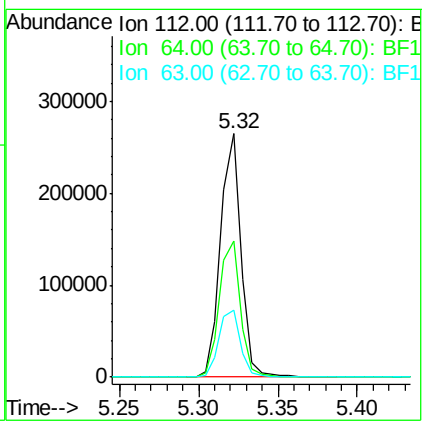


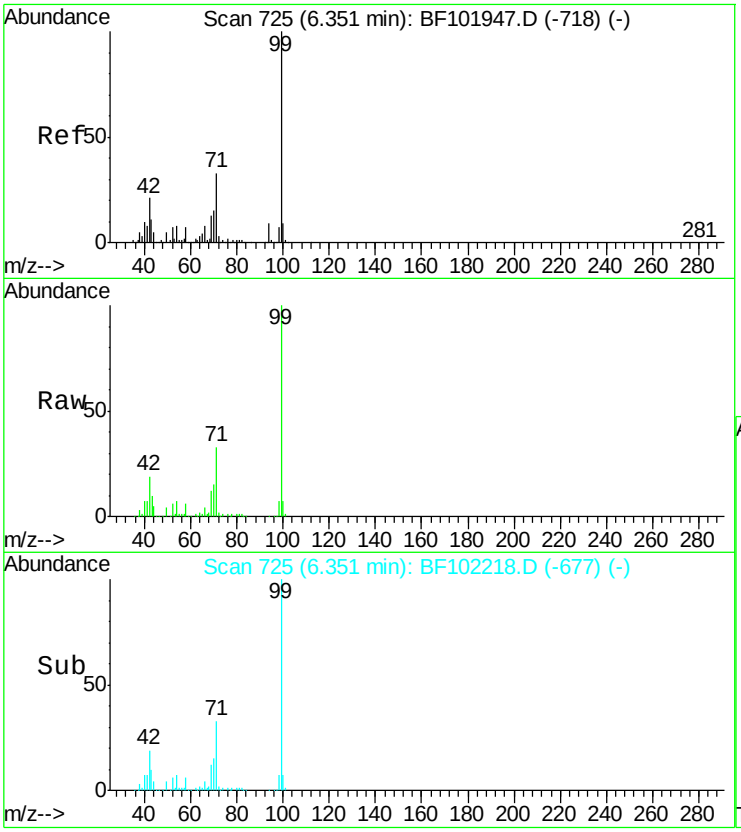


#5
2-Fluorophenol
Concen: 26.012 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:112 Resp: 237365

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.6	23.7	35.5



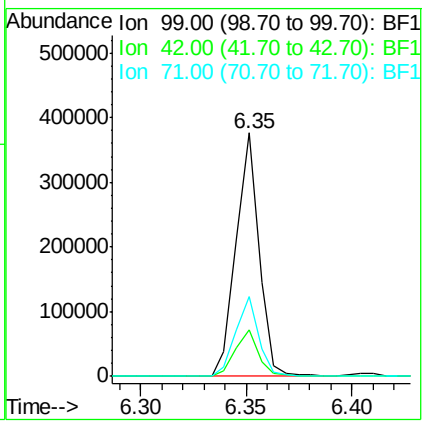


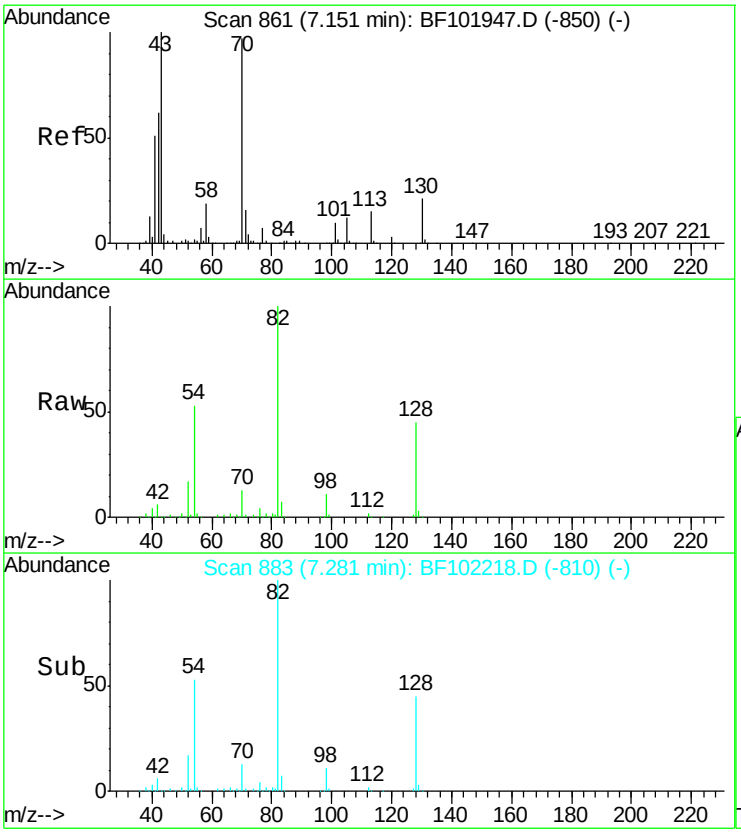
#7
Phenol-d6
Concen: 26.080 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion: 99 Resp: 283937

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.9	25.4	38.0

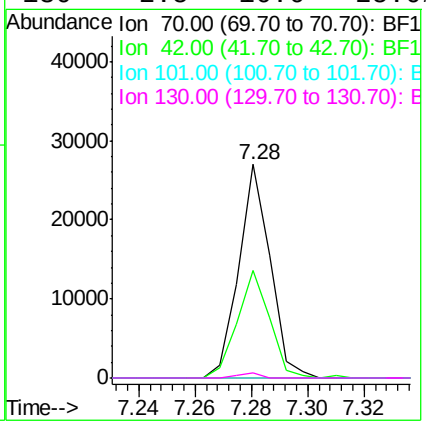


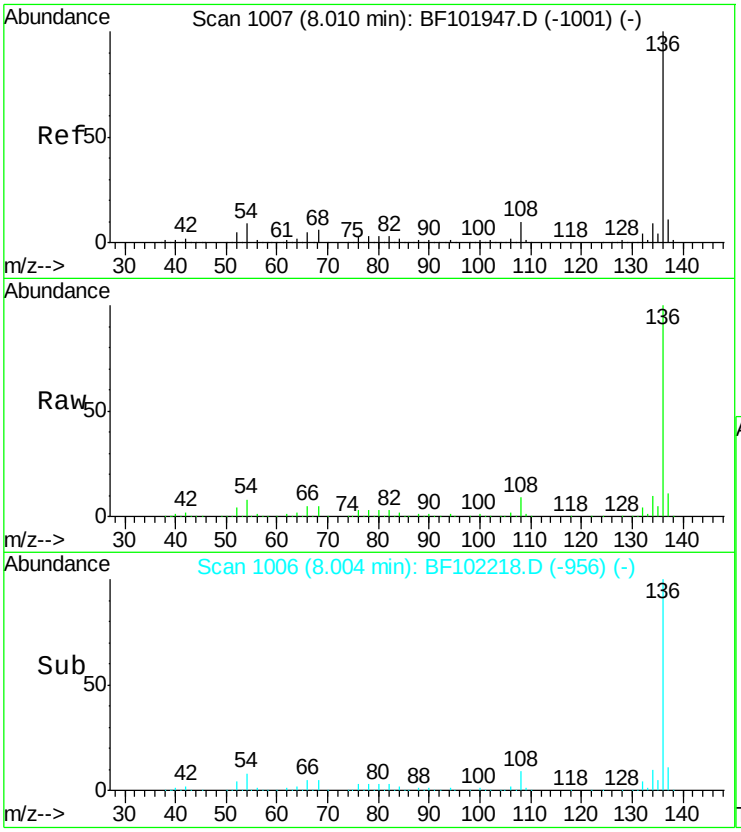


#19
n-Nitroso-di-n-propylamine
Concen: 2.906 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion: 70 Resp: 20734

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



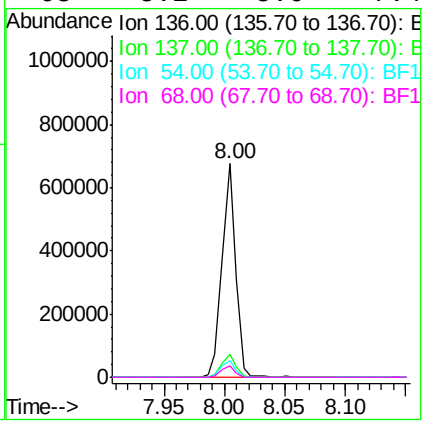


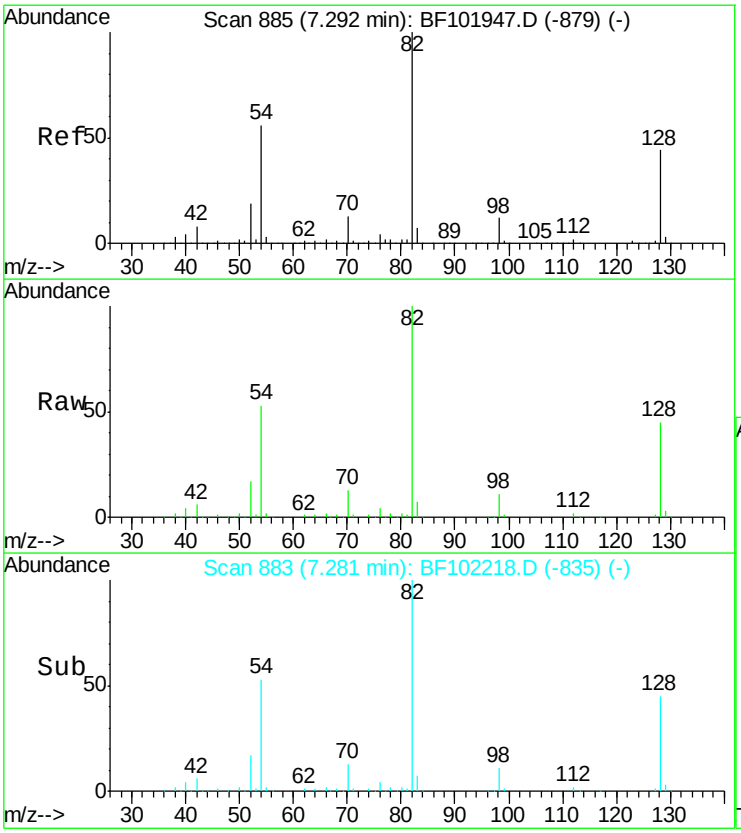
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:136 Resp: 529674

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	5.2	5.0	7.4

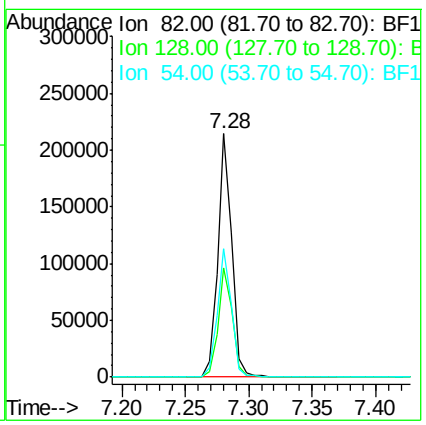


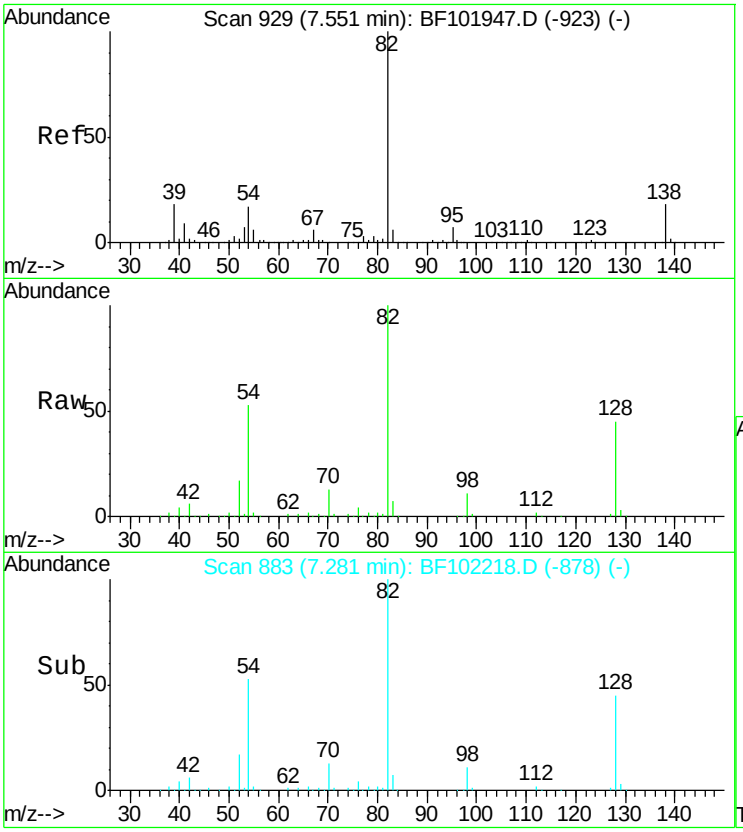


#23
Nitrobenzene-d5
Concen: 18.587 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion: 82 Resp: 167532

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	52.8	41.4	62.2



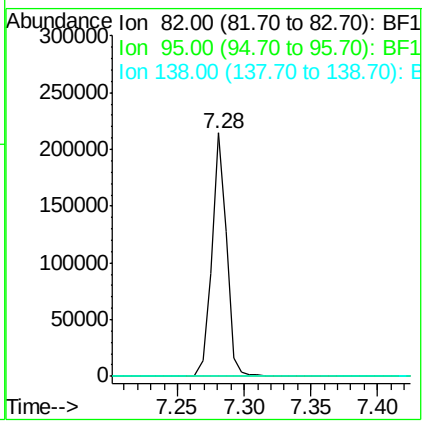


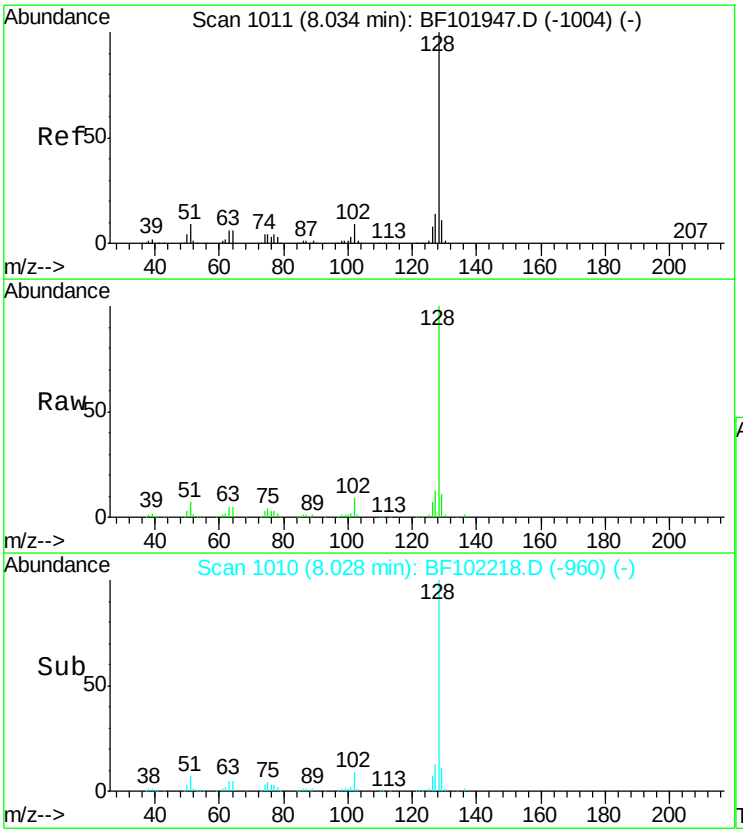
#25
Isophorone
Concen: 9.407 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion: 82 Resp: 167531

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

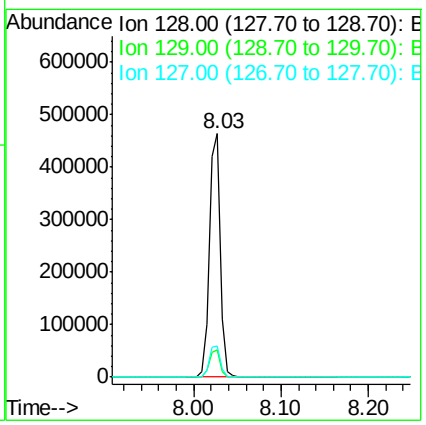


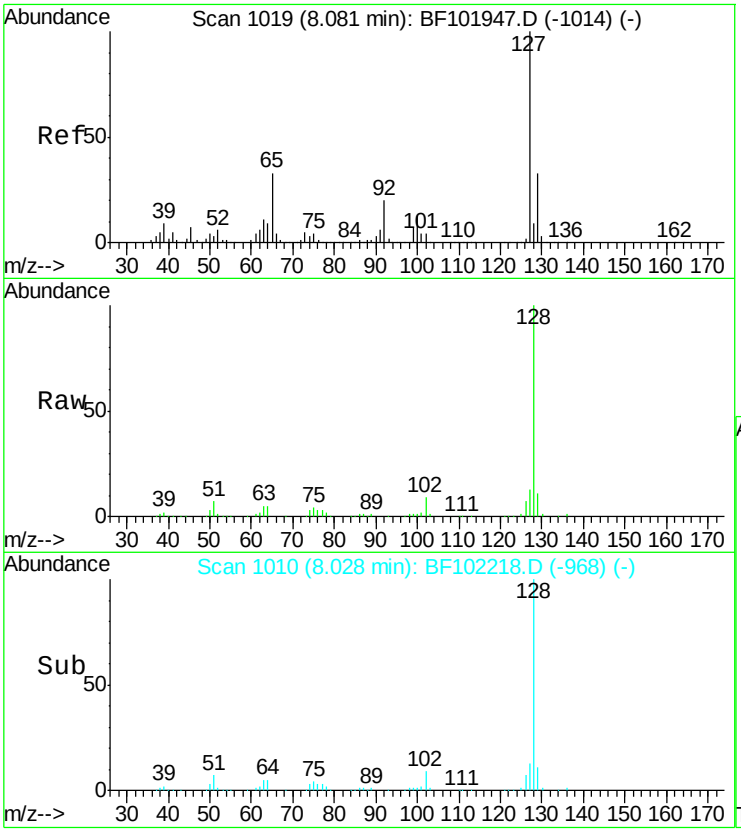


#31
Naphthalene
Concen: 15.146 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:128 Resp: 400876

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.9	16.3



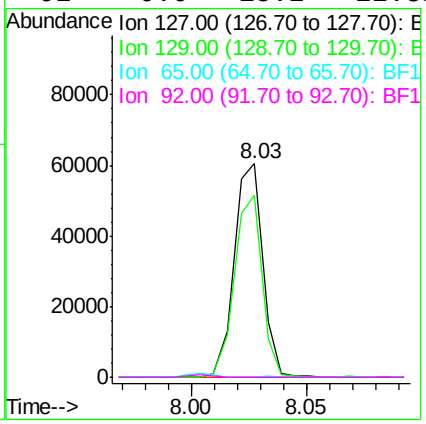


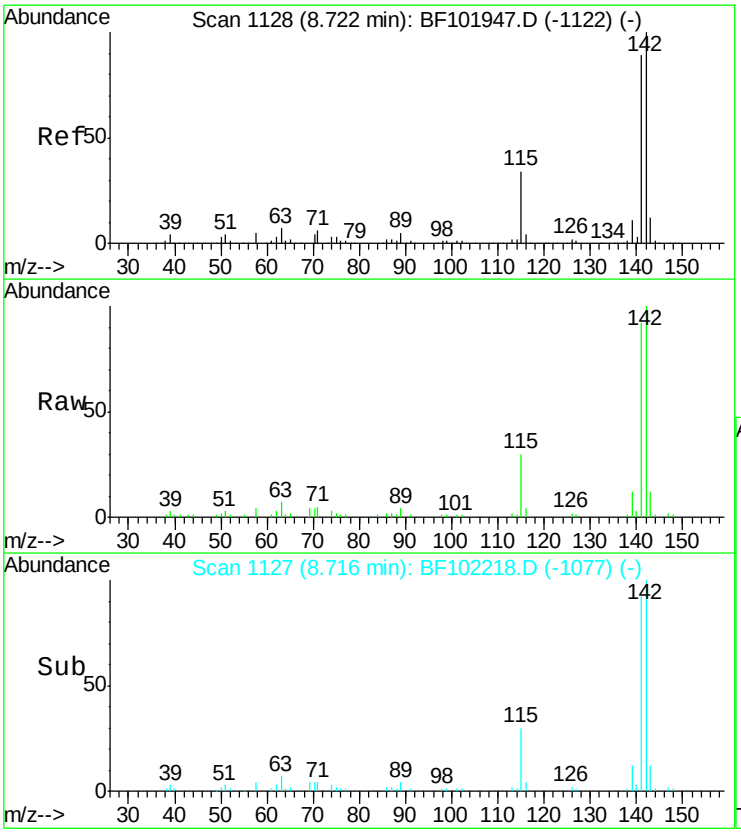
#33
4-Chloroaniline
Concen: 4.639 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:127 Resp: 52405

Ion	Ratio	Lower	Upper
127	100		
129	85.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

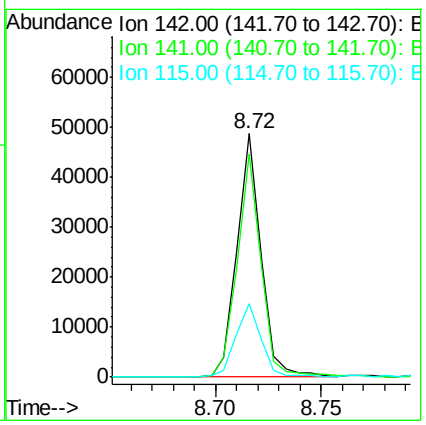


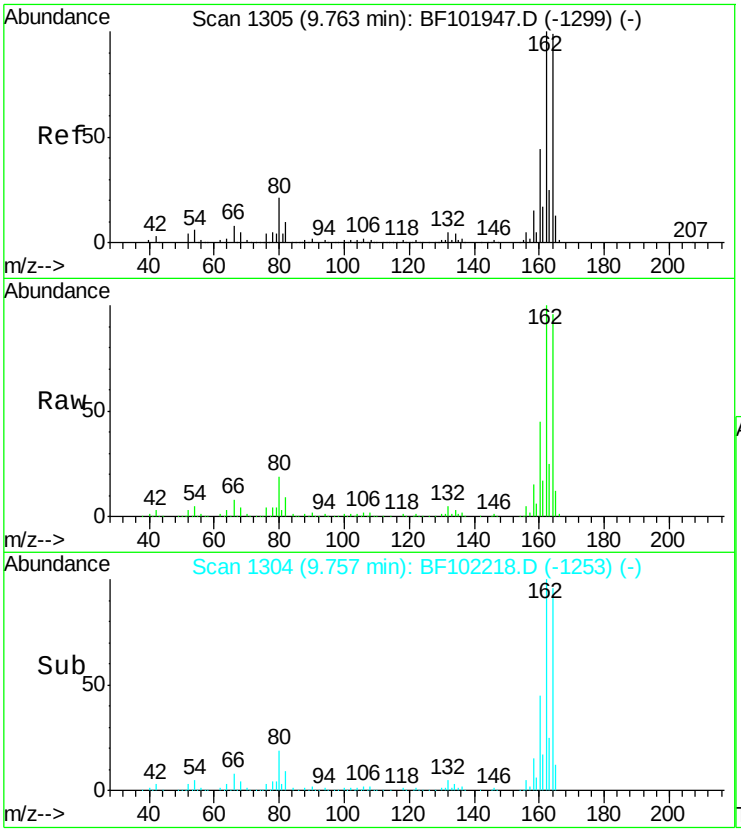


#37
2-Methylnaphthalene
Concen: 2.203 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:142 Resp: 38385

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.8	106.2
115	30.1	26.1	39.1



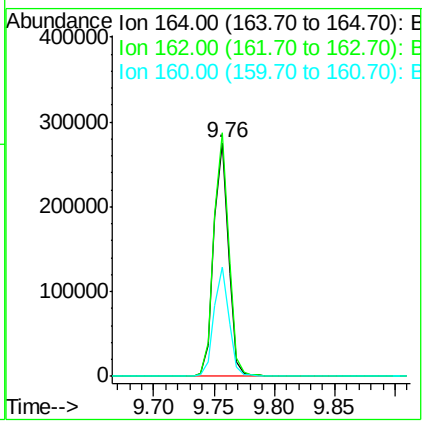


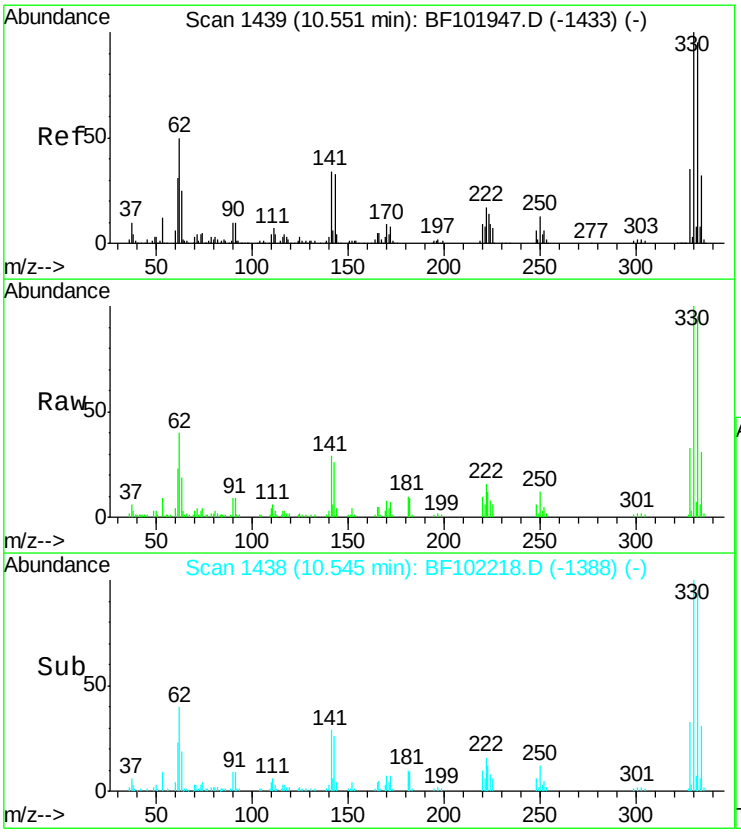
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:164 Resp: 230526

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.5	38.3	57.5

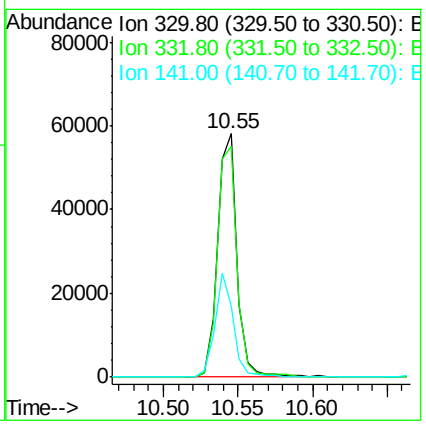


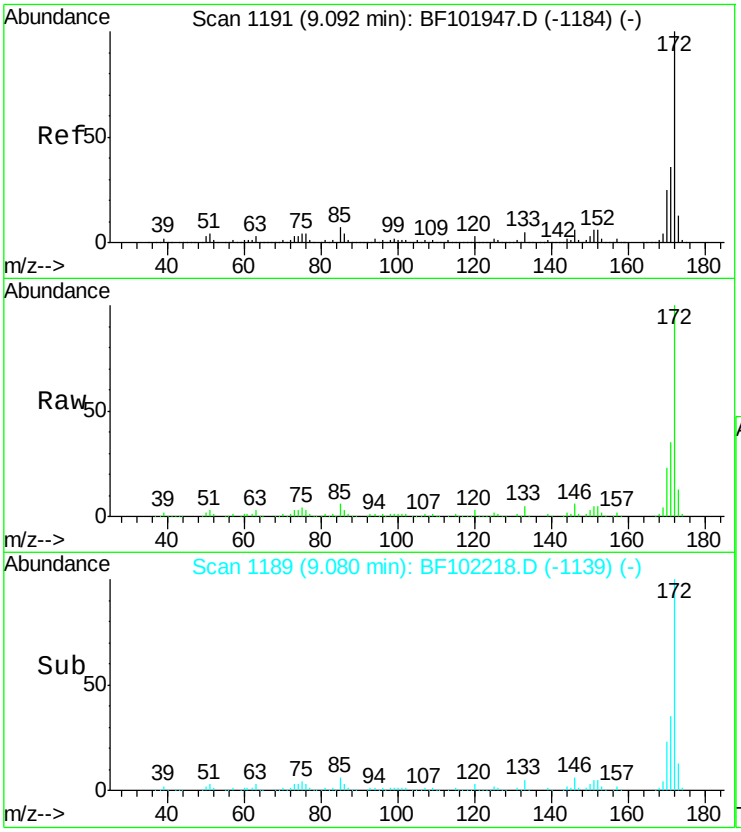


#41
2,4,6-Tribromophenol
Concen: 26.374 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:330 Resp: 53058

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.0	29.9	44.9



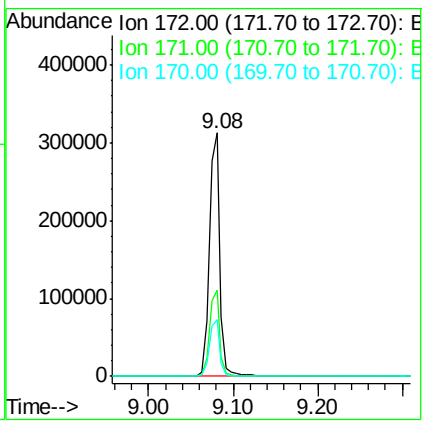


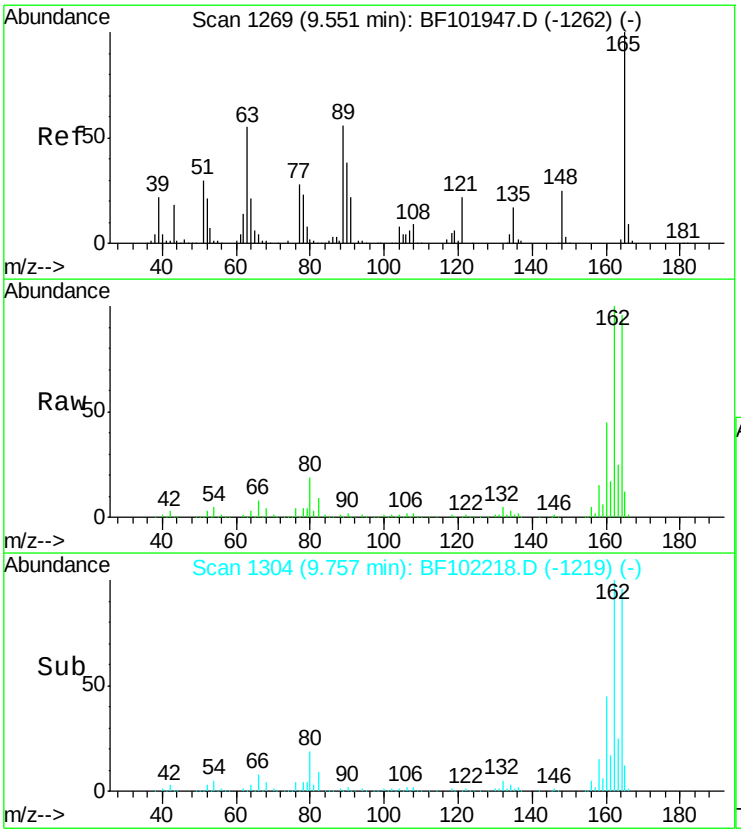
#44
2-Fluorobiphenyl
Concen: 18.622 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:172 Resp: 274778

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4

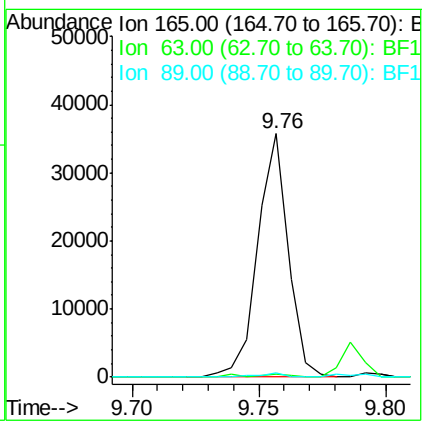


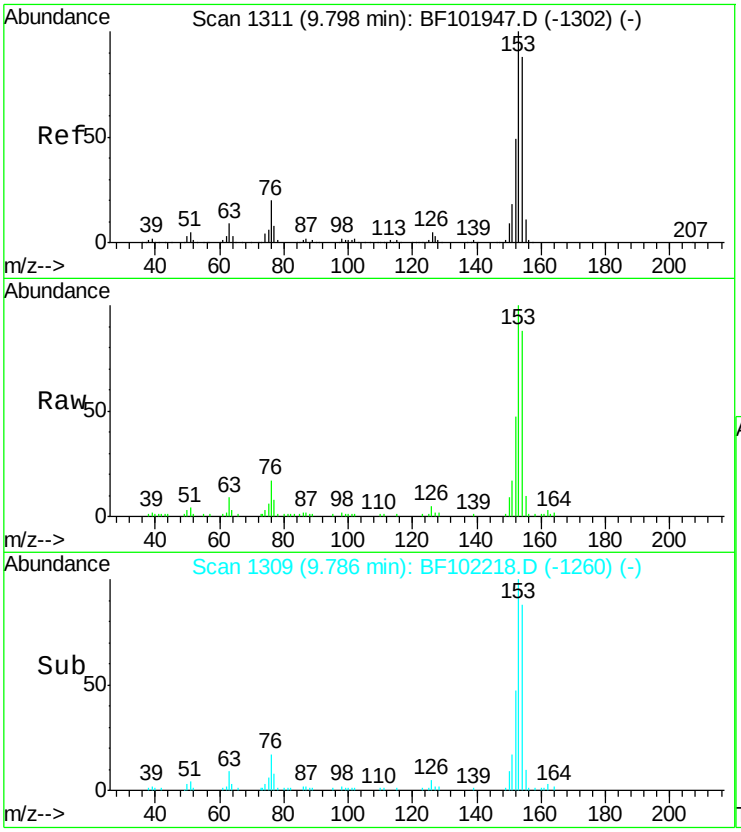


#50
2,6-Dinitrotoluene
Concen: 8.182 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:165 Resp: 30223

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.8	44.0	66.0#



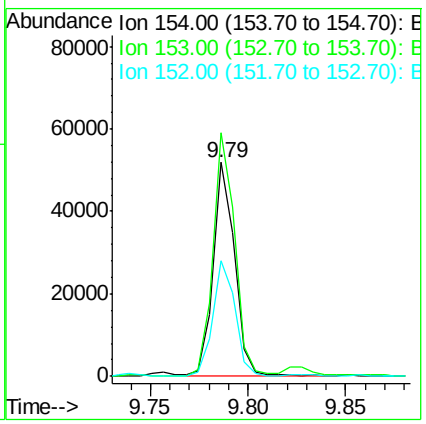


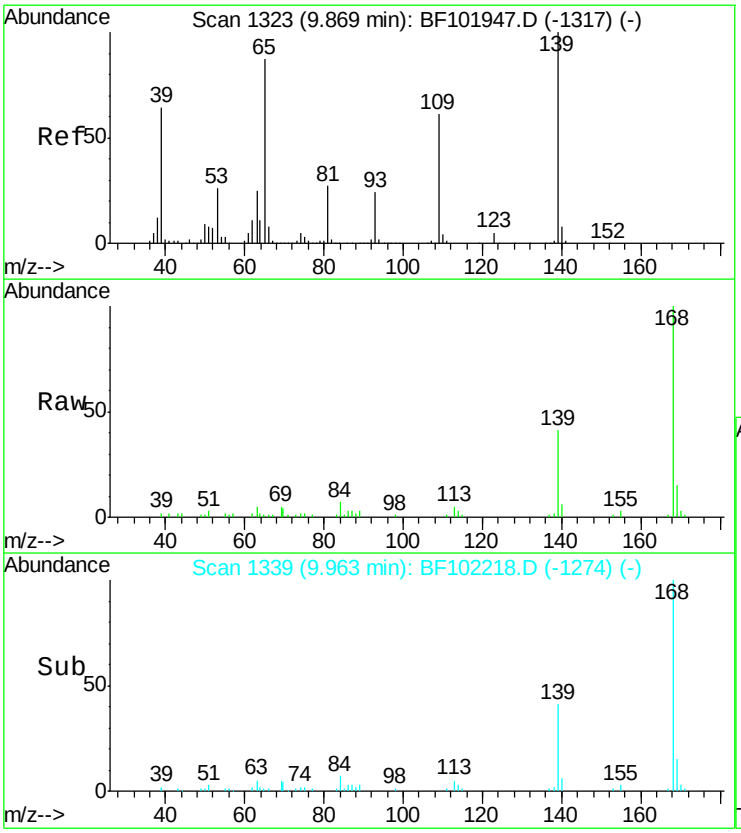
#51
Acenaphthene
Concen: 2.602 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:154 Resp: 39602

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	54.1	43.8	65.8

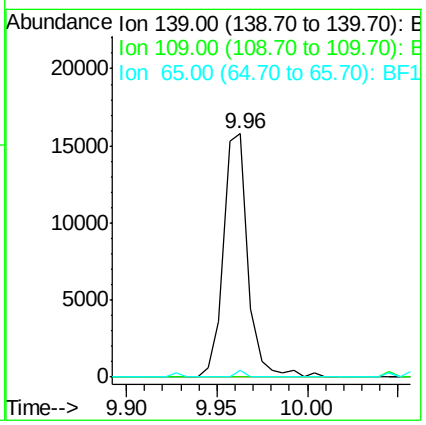


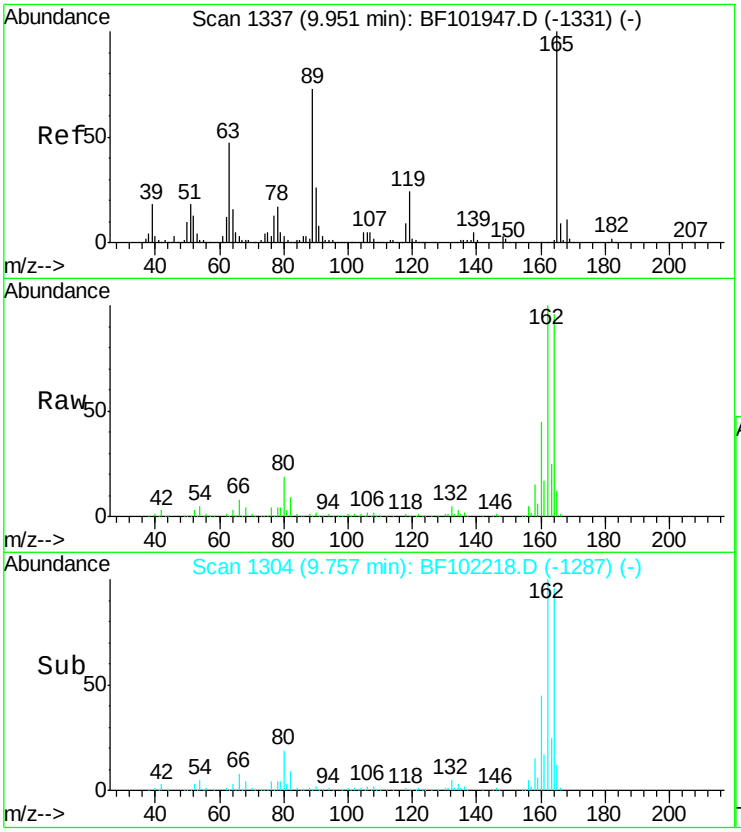


#55
4-Nitrophenol
Concen: 4.296 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.08 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:139 Resp: 14926

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.9	72.6	112.6#



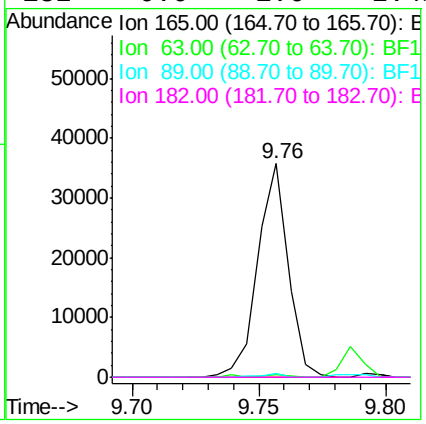


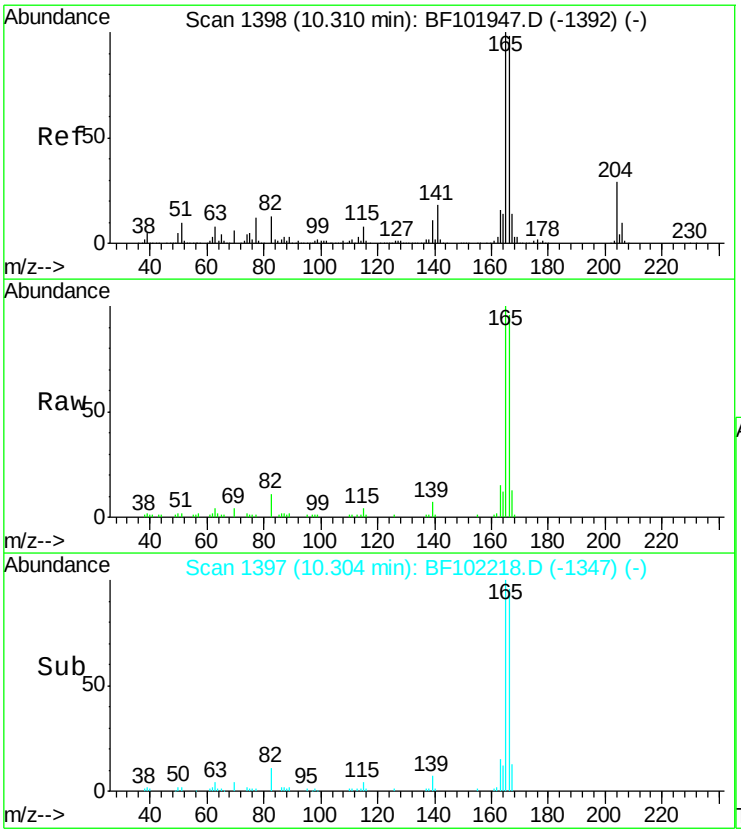
#56
2,4-Dinitrotoluene
Concen: 6.528 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:165 Resp: 30223

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

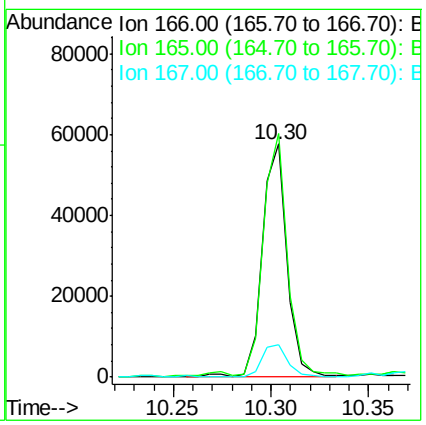


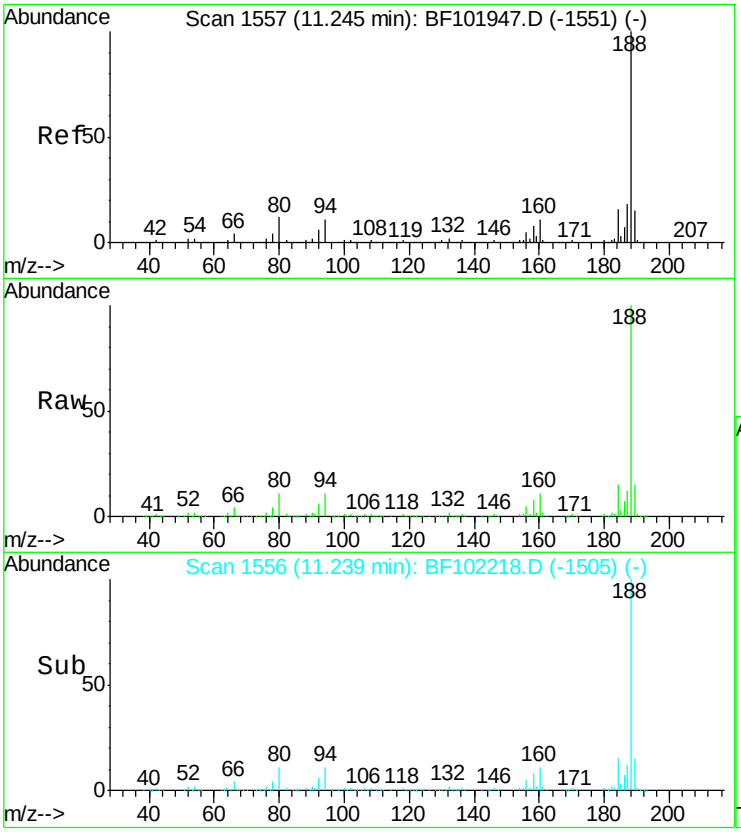


#57
Fluorene
Concen: 3.495 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:166 Resp: 50469

Ion	Ratio	Lower	Upper
166	100		
165	104.5	79.8	119.8
167	13.8	10.6	16.0



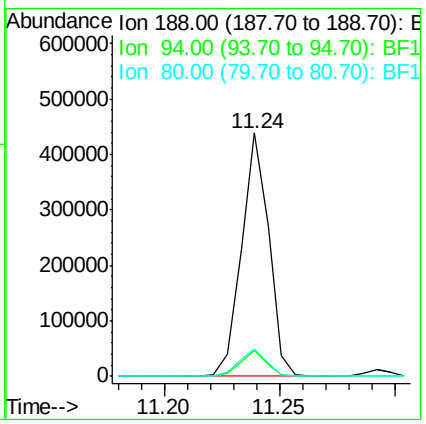


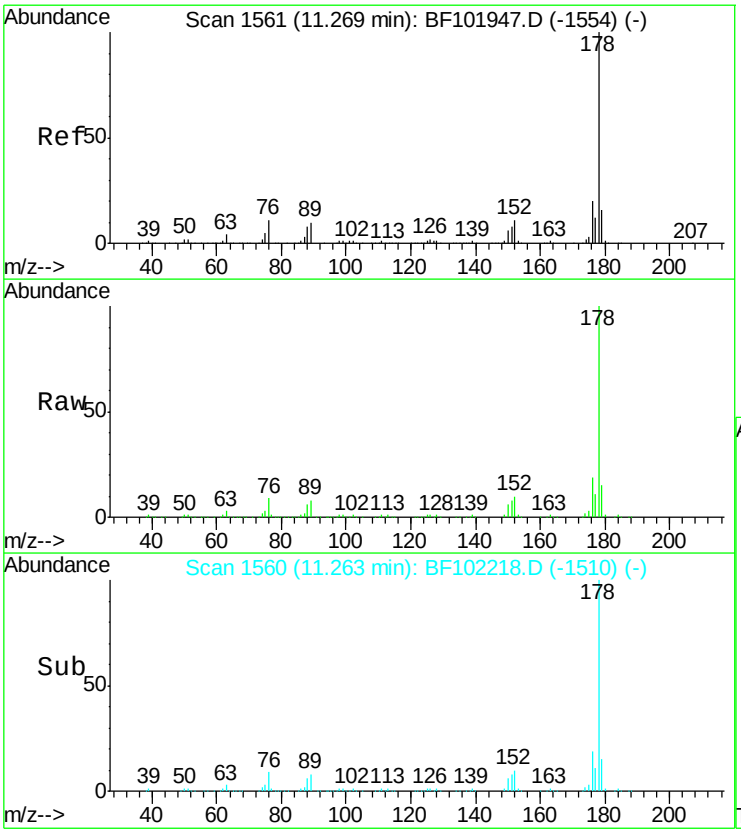
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:188 Resp: 362342

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.1	9.2	13.8

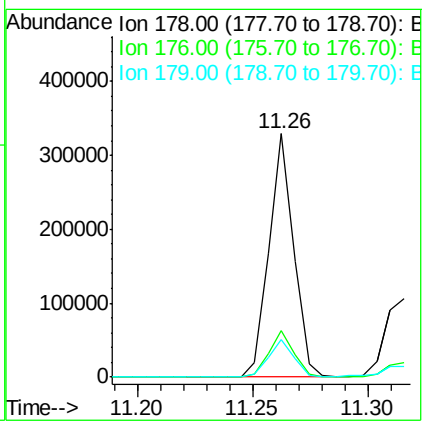


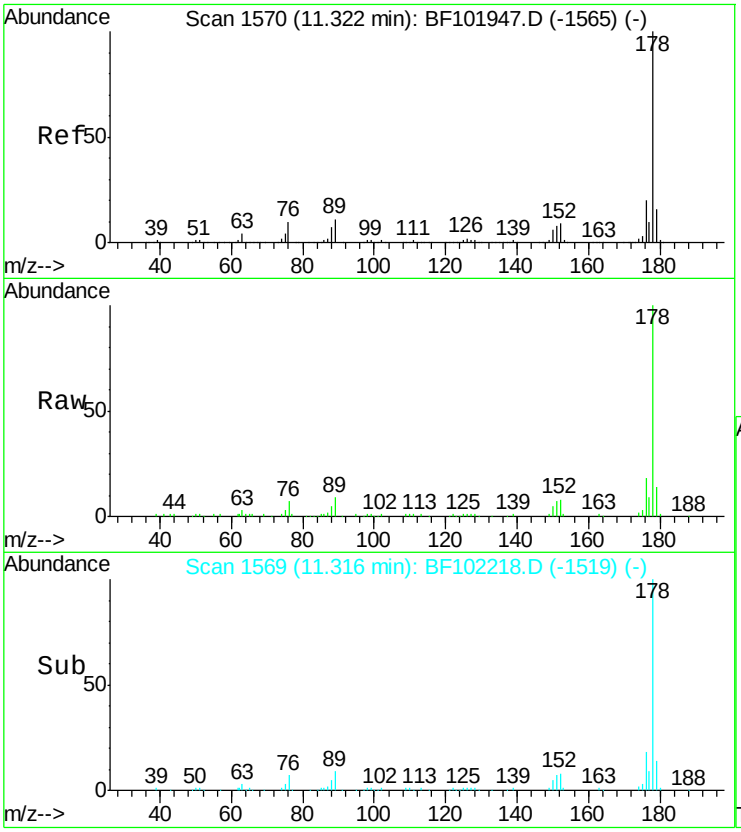


#70
Phenanthrene
Concen: 11.570 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:178 Resp: 244893

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	13.0	19.6



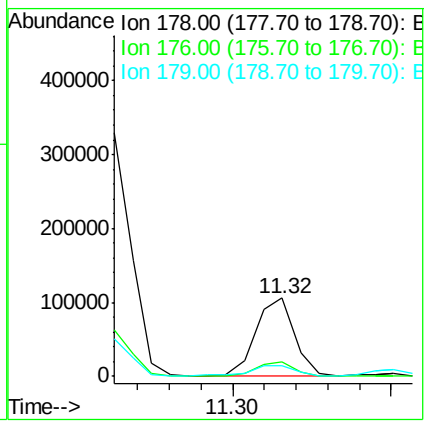


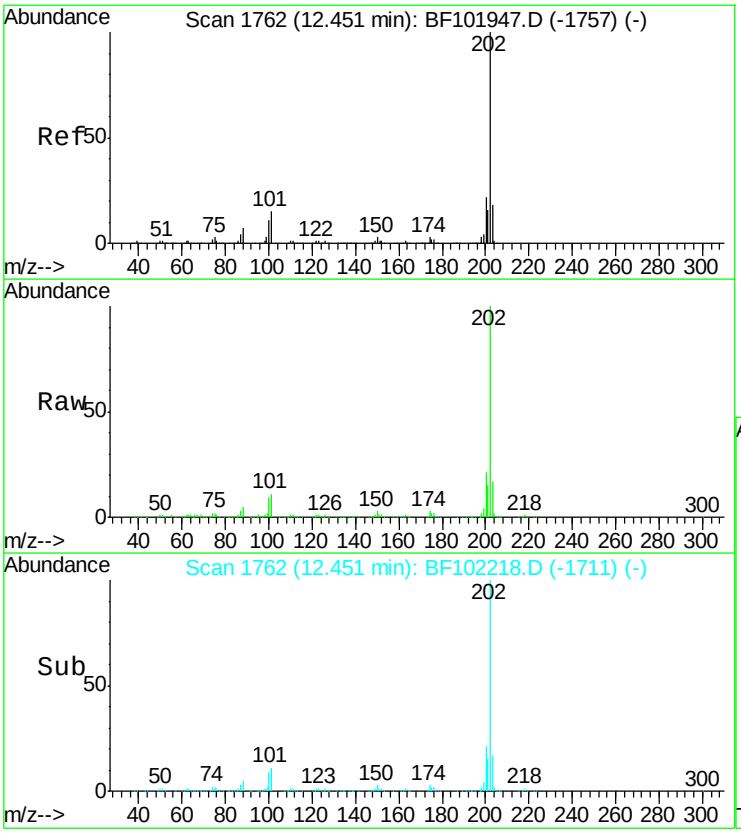
#71
Anthracene
Concen: 4.153 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:178 Resp: 89145

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.4	12.6	19.0

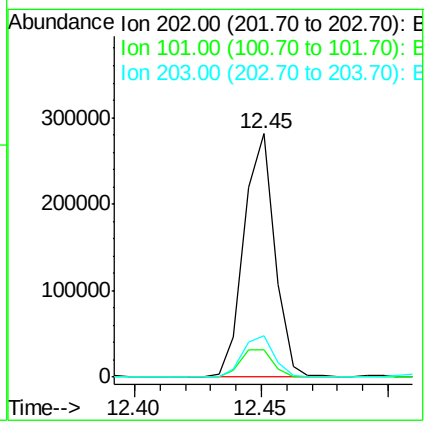


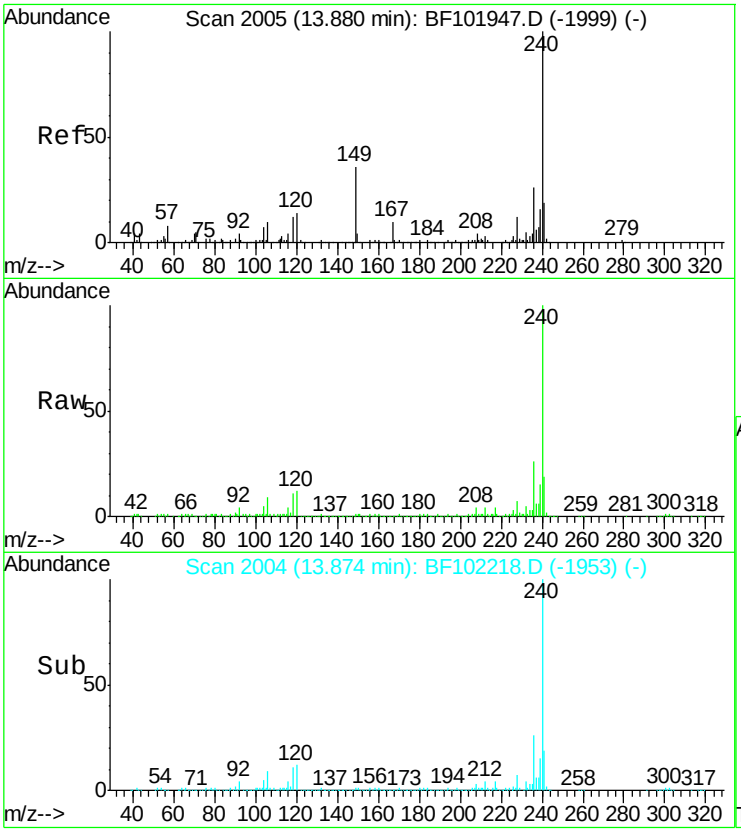


#74
Fluoranthene
Concen: 11.440 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:202 Resp: 238228

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	16.9	0.0	38.1



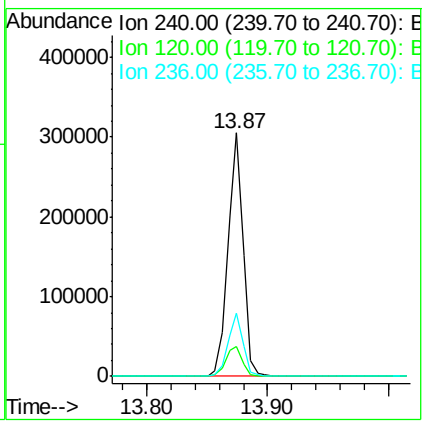


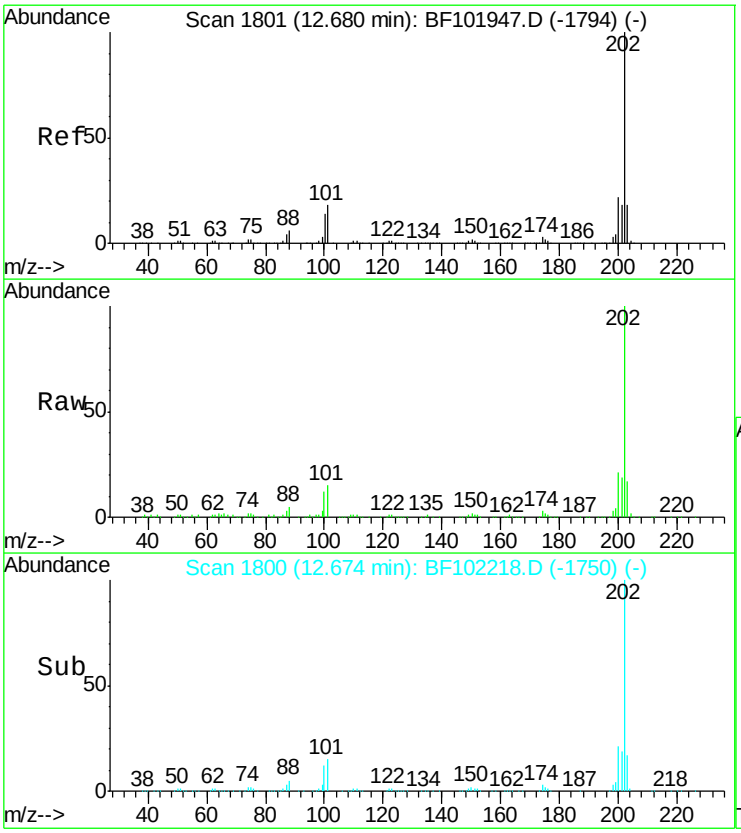
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:240 Resp: 266097

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1

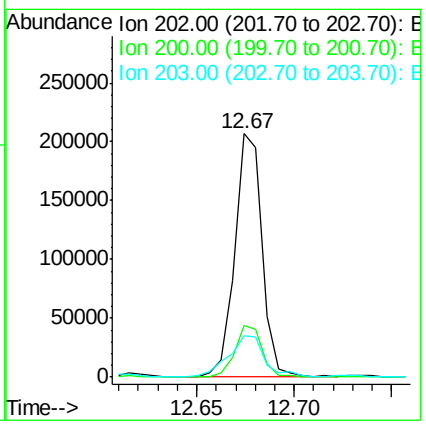


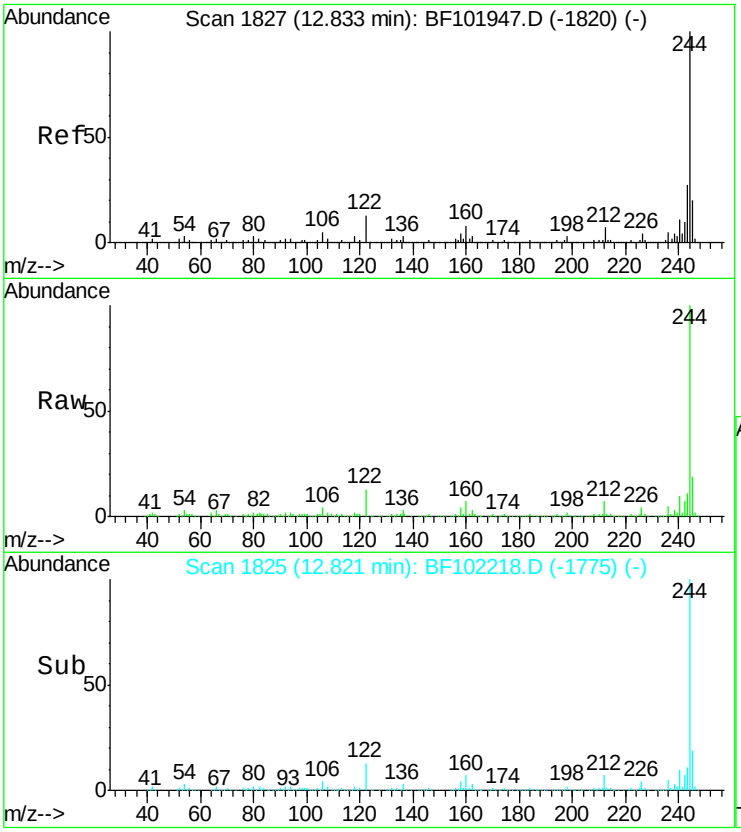


#77
Pyrene
Concen: 8.482 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:202 Resp: 199511

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.9	14.3	21.5



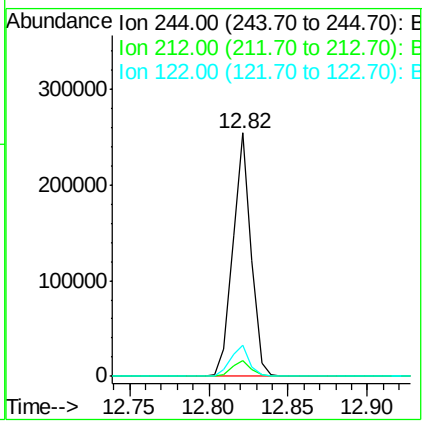


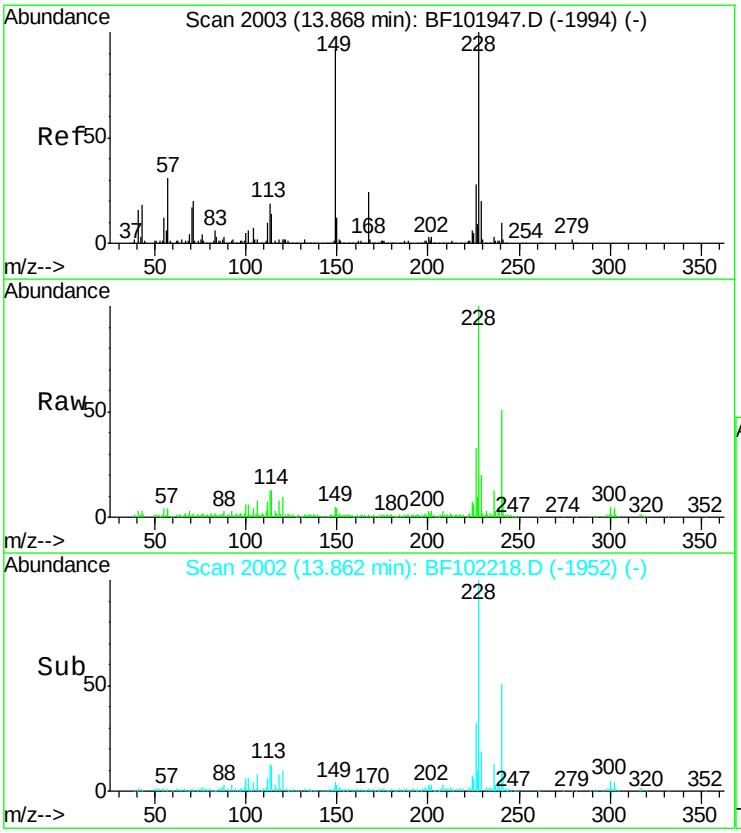
#78
Terphenyl-d14
Concen: 15.823 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:244 Resp: 202794

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.5	11.0	16.4

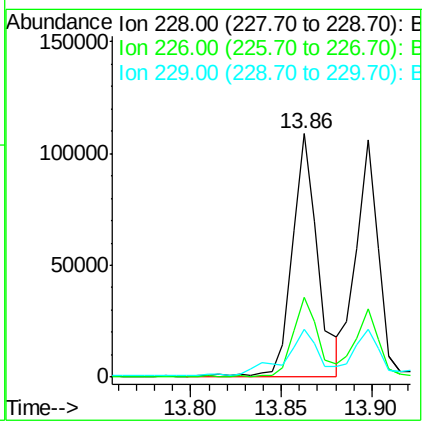


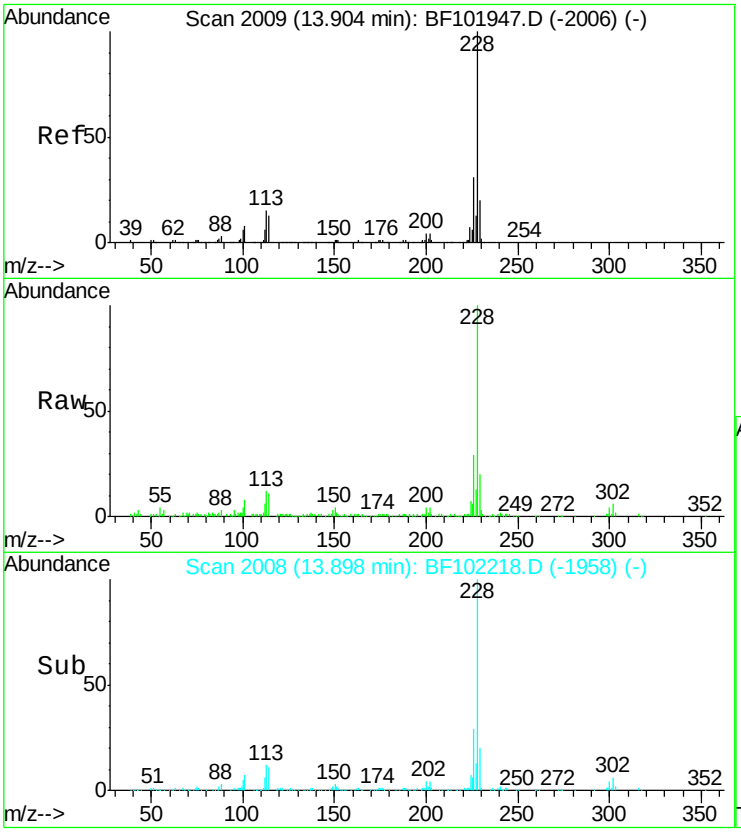


#80
Benzo(a)anthracene
Concen: 6.373 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:228 Resp: 108204

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	19.6	15.8	23.6



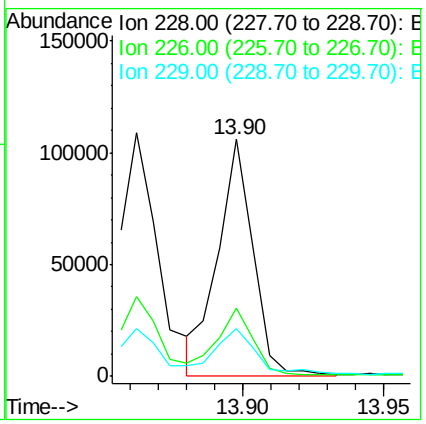


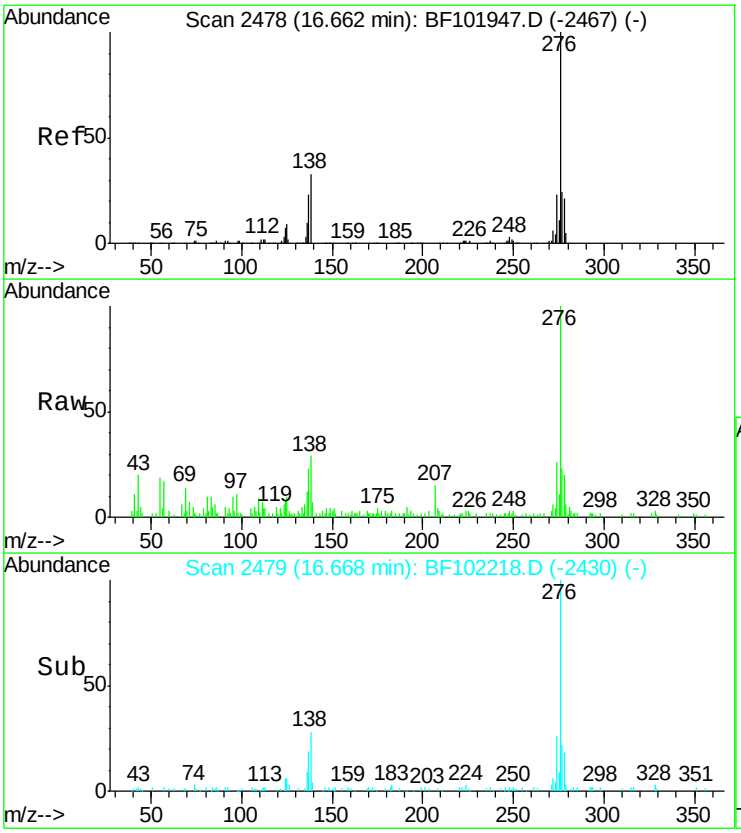
#82
Chrysene
Concen: 5.182 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:228 Resp: 91738

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.4	16.2	24.4

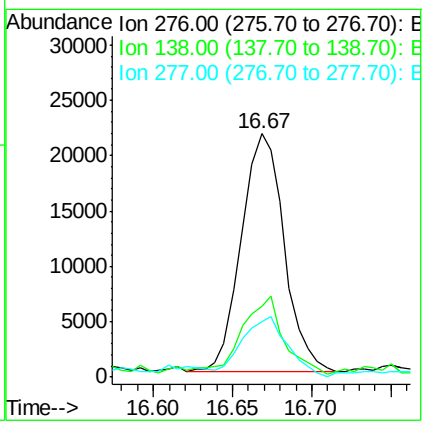


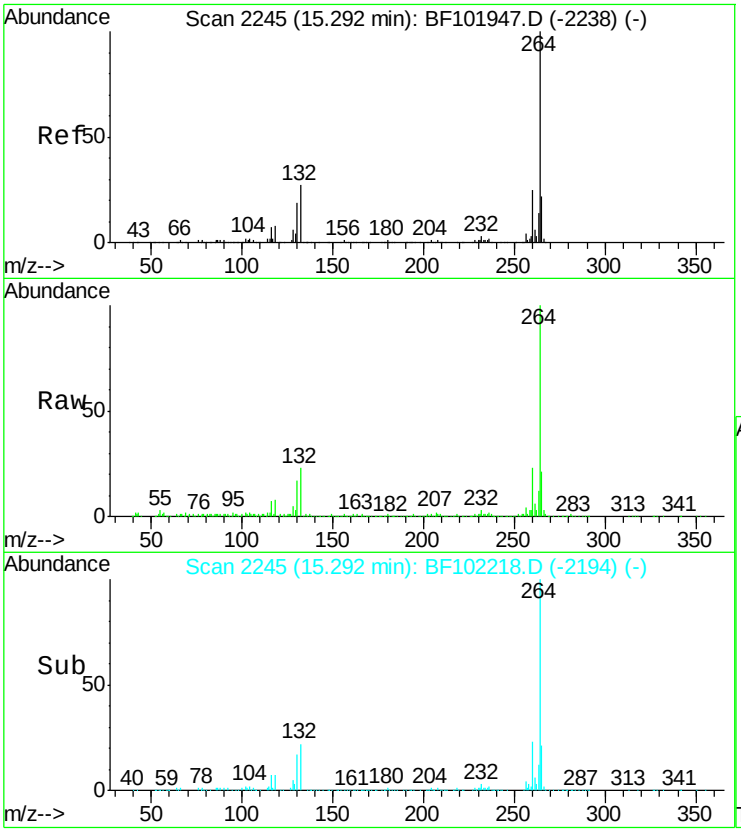


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.161 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:276 Resp: 40729

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.0	37.6
277	26.9	20.1	30.1



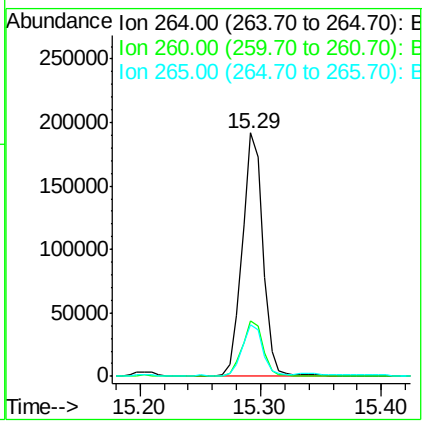


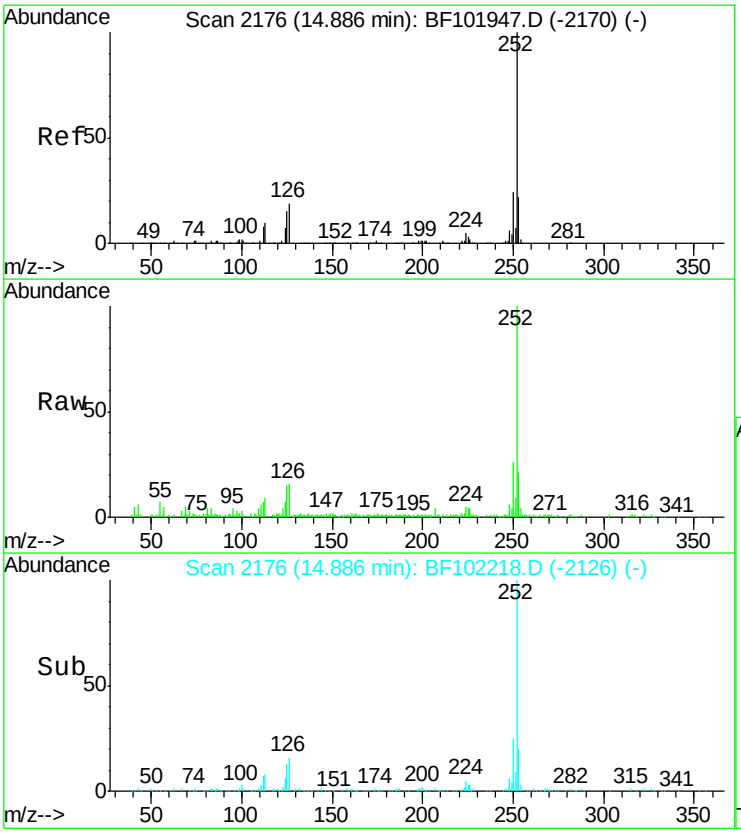
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:264 Resp: 231238

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3

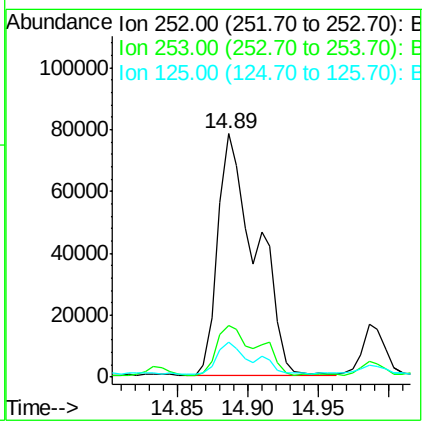


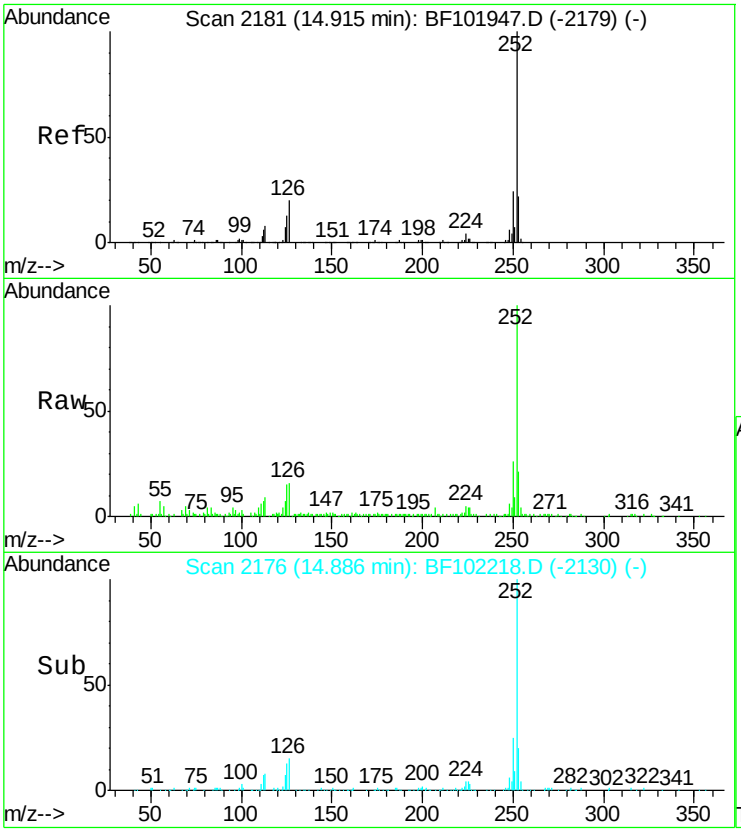


#87
Benzo(b)fluoranthene
Concen: 9.905 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:252 Resp: 149345

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	14.6	9.0	13.6#



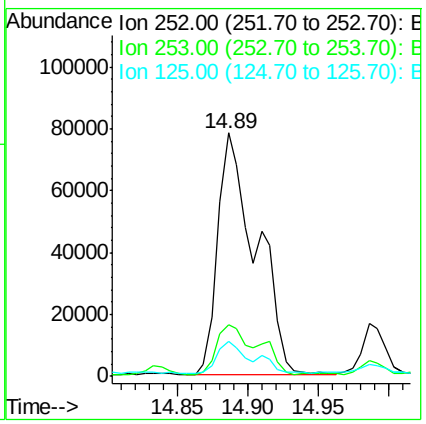


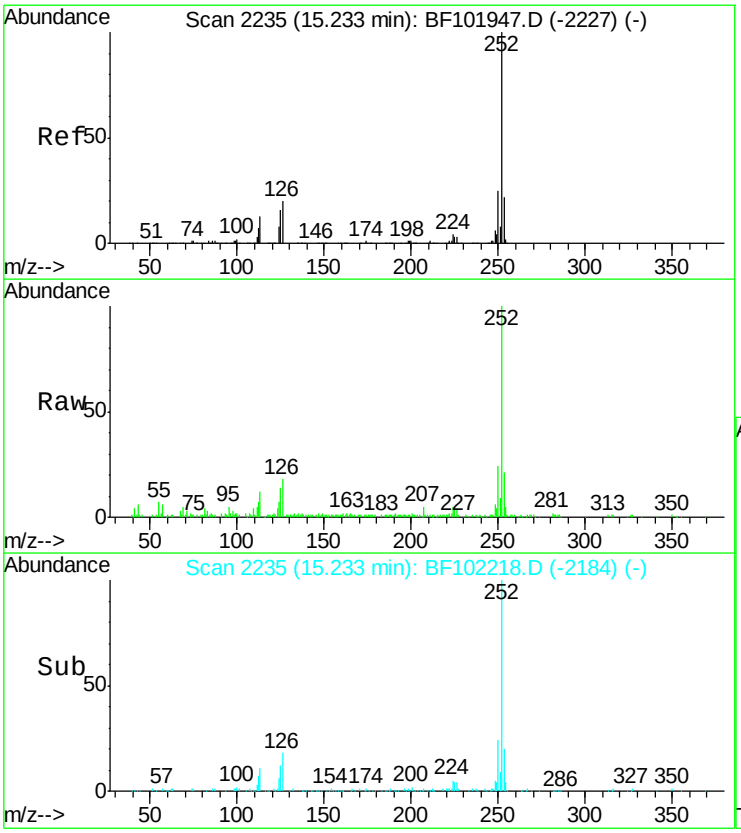
#88
Benzo(k)fluoranthene
Concen: 10.268 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:252 Resp: 149345

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	14.6	10.2	15.2

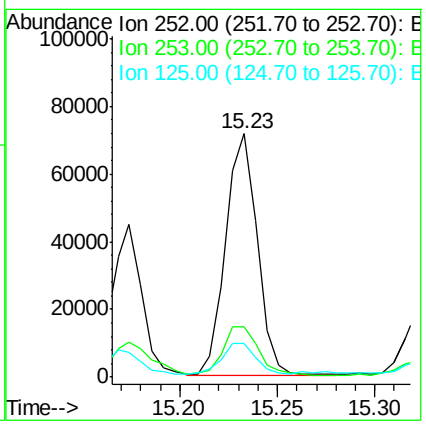


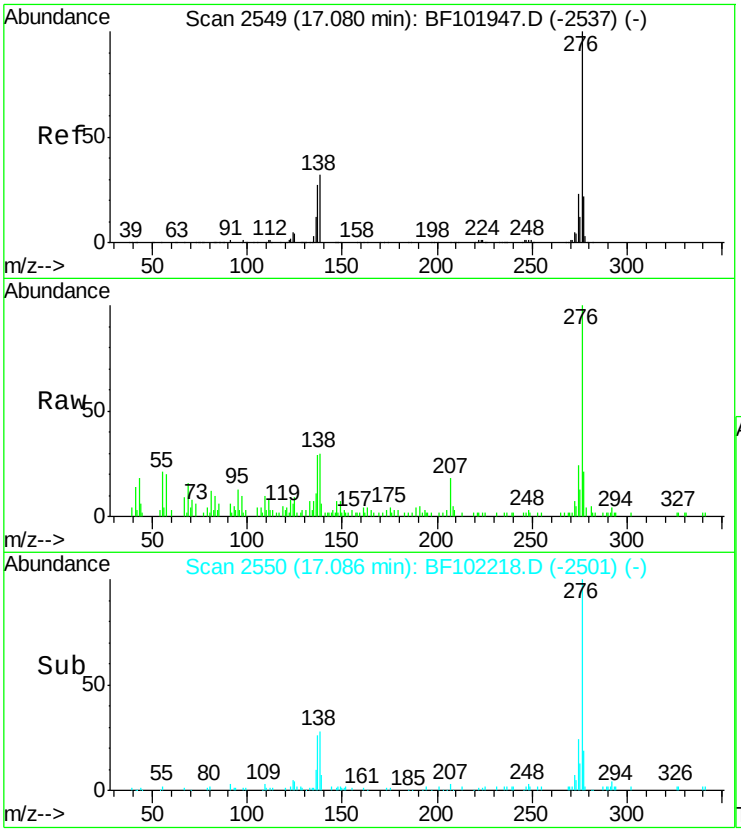


#89
Benzo(a)pyrene
Concen: 6.001 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Tgt Ion:252 Resp: 81417

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	13.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.646 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BF102218.D
Acq: 19 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
A2_SB74_E-N_8

Tgt Ion:276 Resp: 39764

Ion	Ratio	Lower	Upper
276	100		
277	20.7	17.9	26.9
138	30.3	21.8	32.8