Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102064.D
Acq On : 15 Jan 2018 15:53
Operator : SJ/JU
Sample : J1134-01 50X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2-SB26-S

Quant Time: Jan 15 17:30:05 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	205100	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	860185	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	376996	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	614177	20.00	ng		0.00
75) Chrysene-d12	13.87	240	338609	20.00	ng		-0.01
86) Perylene-d12	15.28	264	341791	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	5367	0.37	ng		0.00
7) Phenol-d6	6.35	99	6244	0.36	ng		-0.02
23) Nitrobenzene-d5	7.27	82	4359	0.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	1218	0.37	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	8615	0.36	ng		-0.02
78) Terphenyl-d14	12.82	244	7891	0.48	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.02	128	266617	6.203	ng		99
48) Acenaphthylene	9.62	152	188203	4.589	ng		99
49) Dimethylphthalate	9.76	163	112013	3.704	ng	#	1
50) 2,6-Dinitrotoluene	9.75	165	50436	8.349	ng	#	26
53) 2,4-Dinitrophenol	10.04	184	126	8.707	ng	#	1
57) Fluorene	10.30	166	108704	4.603	ng		97
70) Phenanthrene	11.26	178	574188	16.005	ng		98
71) Anthracene	11.31	178	201064	5.526	ng		99
74) Fluoranthene	12.45	202	728063	20.627	ng		99
77) Pyrene	12.67	202	725995	24.256	ng		99
80) Benzo(a)anthracene	13.89	228	237722	11.004	ng		95
82) Chrysene	13.89	228	237722	10.553	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	196780	12.002	ng		97
87) Benzo(b)fluoranthene	14.88	252	454458	20.392	ng	#	96
88) Benzo(k)fluoranthene	14.88	252	454458	21.139	ng		99
89) Benzo(a)pyrene	15.22	252	294827	14.702	ng		95
90) Dibenzo(a,h)anthracene	16.66	278	52833	3.301	ng	#	92
91) Benzo(g,h,i)perylene	17.06	276	199805	12.394	ng		97

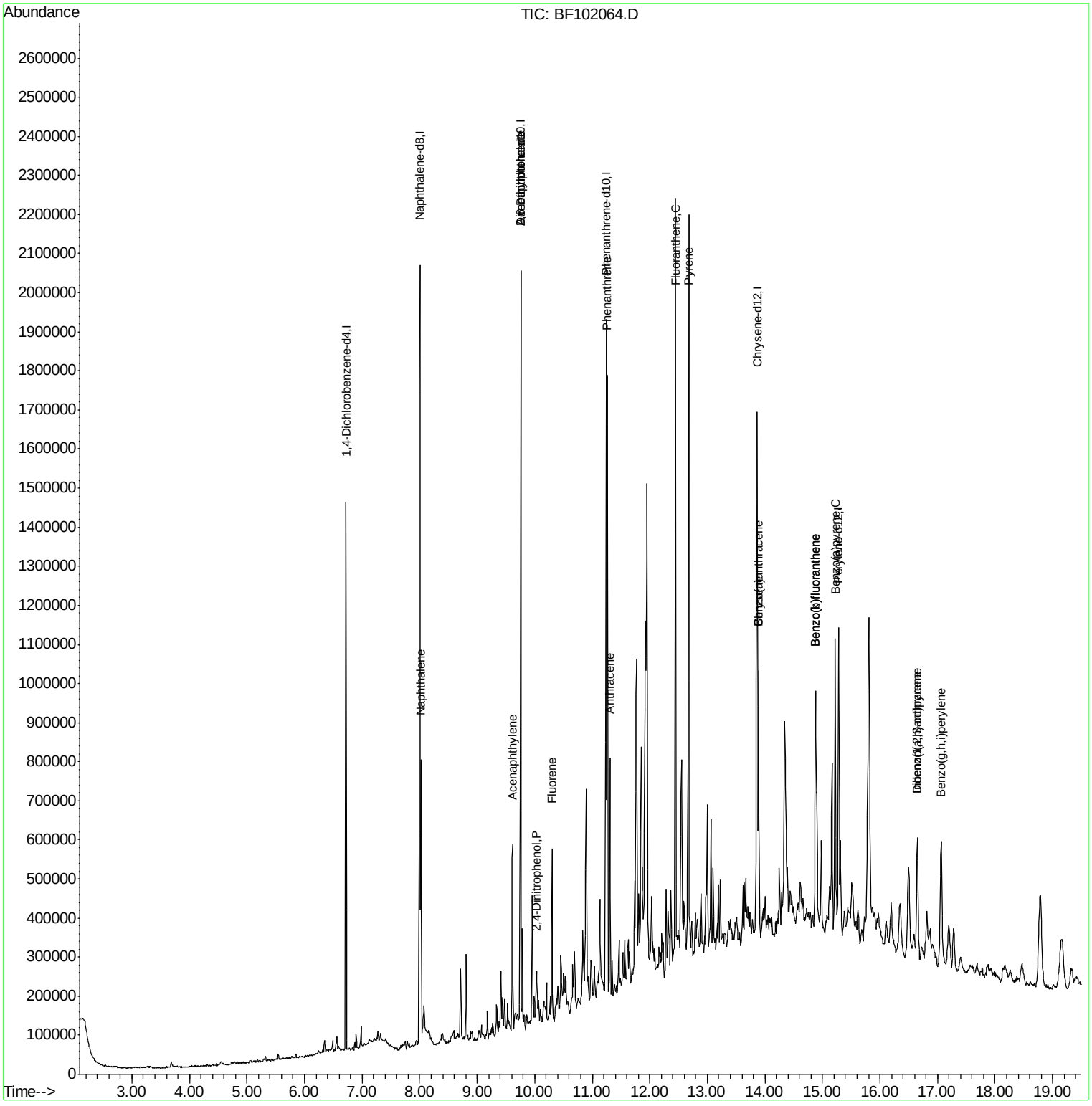
(#) = qualifier out of range (m) = manual integration (+) = signals summed

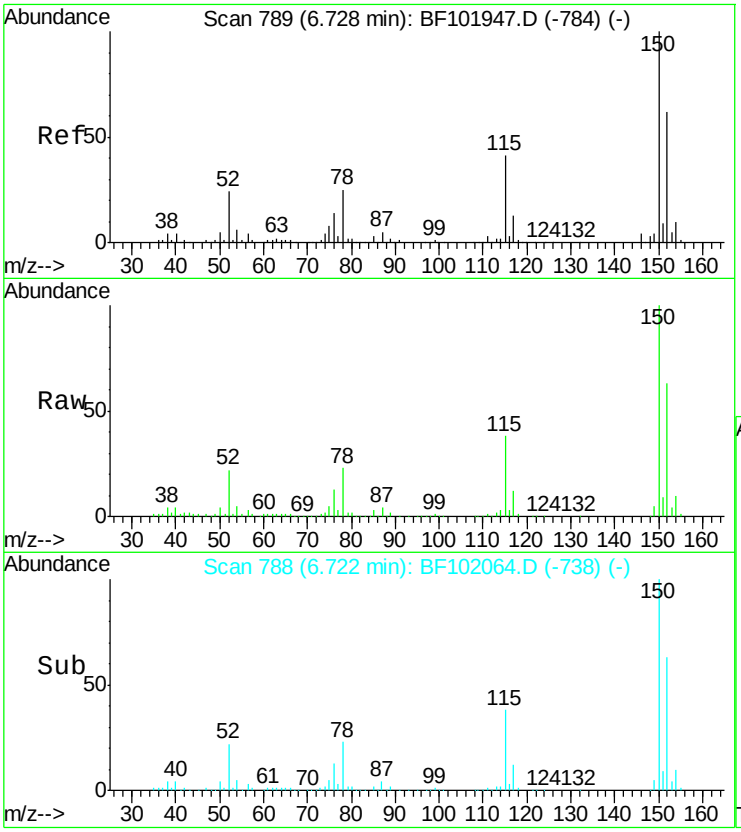
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102064.D
Acq On : 15 Jan 2018 15:53
Operator : SJ/JU
Sample : J1134-01 50X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Quant Time: Jan 15 17:30:05 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



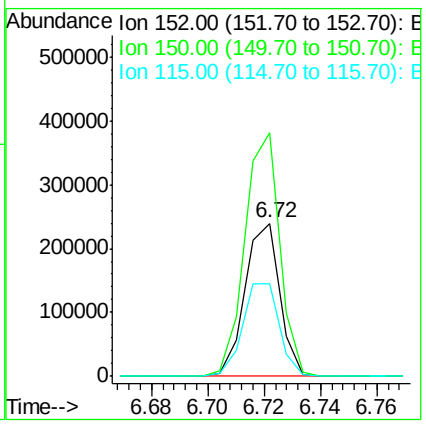


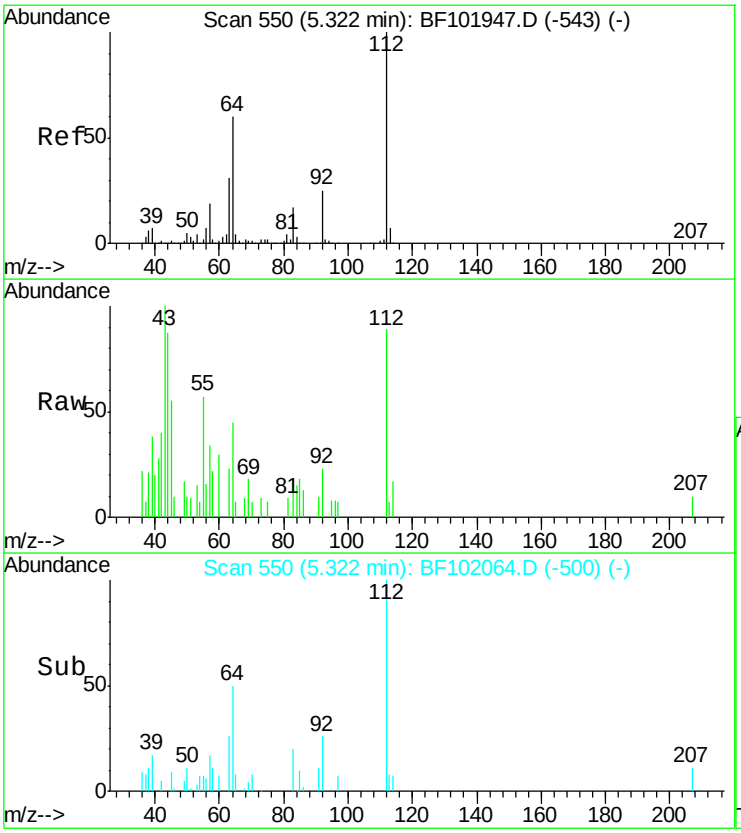
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:152 Resp: 205100

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	60.4	50.1	75.1

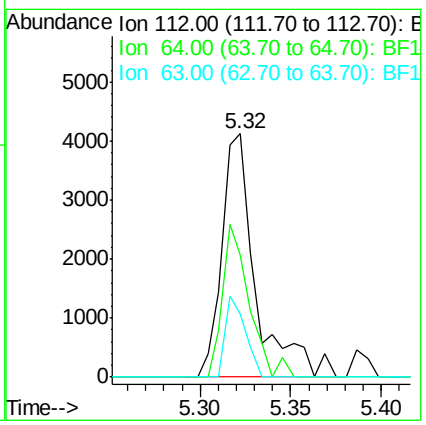


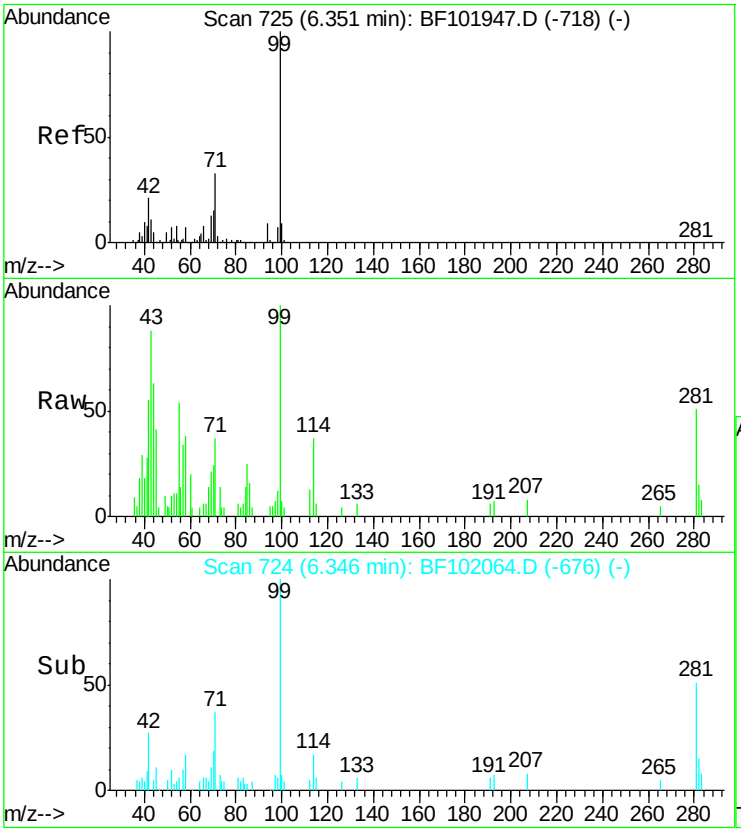


#5
2-Fluorophenol
Concen: 0.370 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:112 Resp: 5367

Ion	Ratio	Lower	Upper
112	100		
64	50.4	47.9	71.9
63	25.8	23.7	35.5



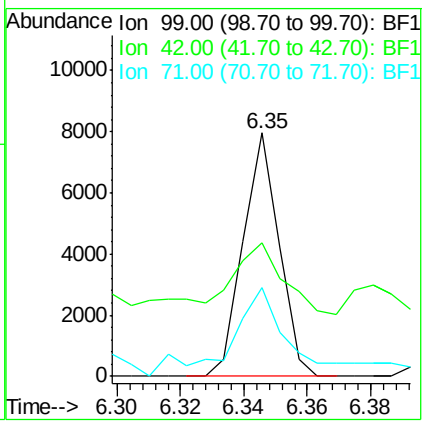


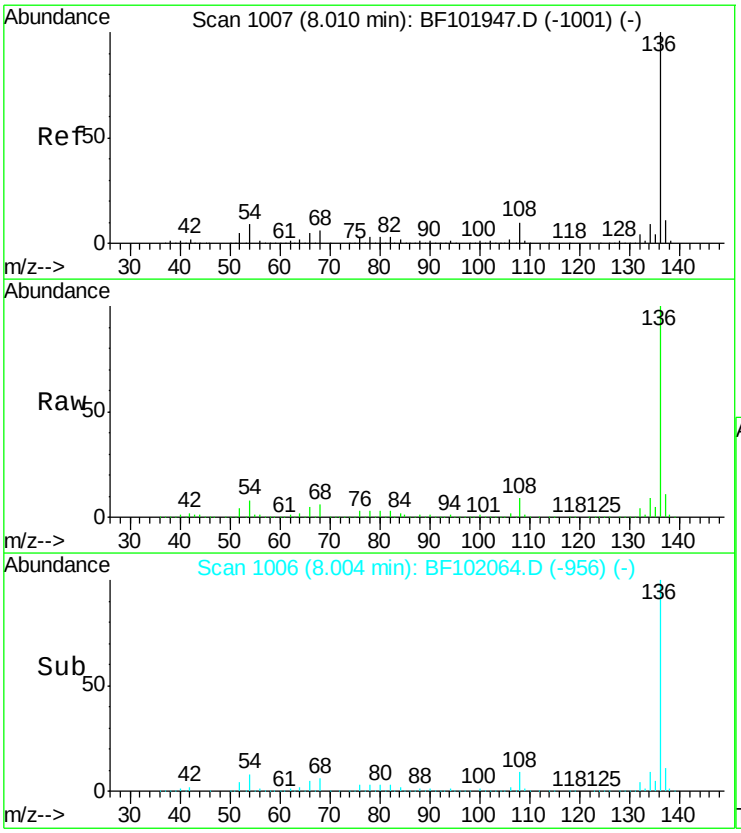
#7
Phenol-d6
Concen: 0.360 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion: 99 Resp: 6244

Ion	Ratio	Lower	Upper
99	100		
42	54.8	14.5	21.7#
71	36.6	25.4	38.0

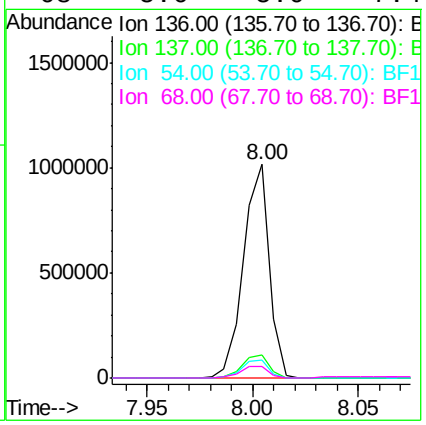


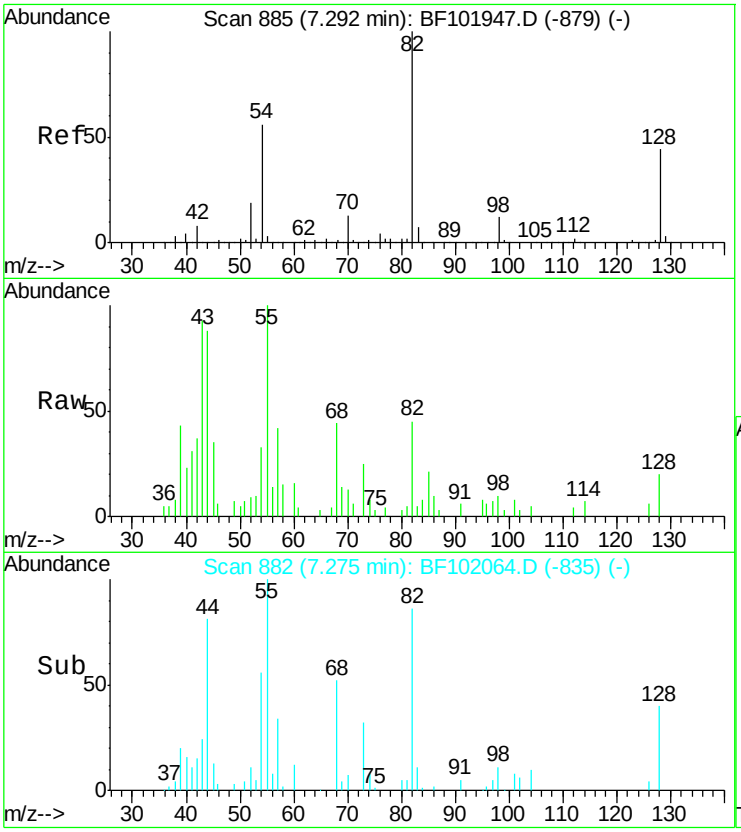


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:136 Resp: 860185

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4



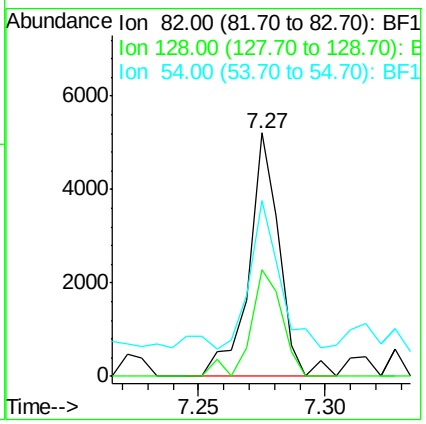


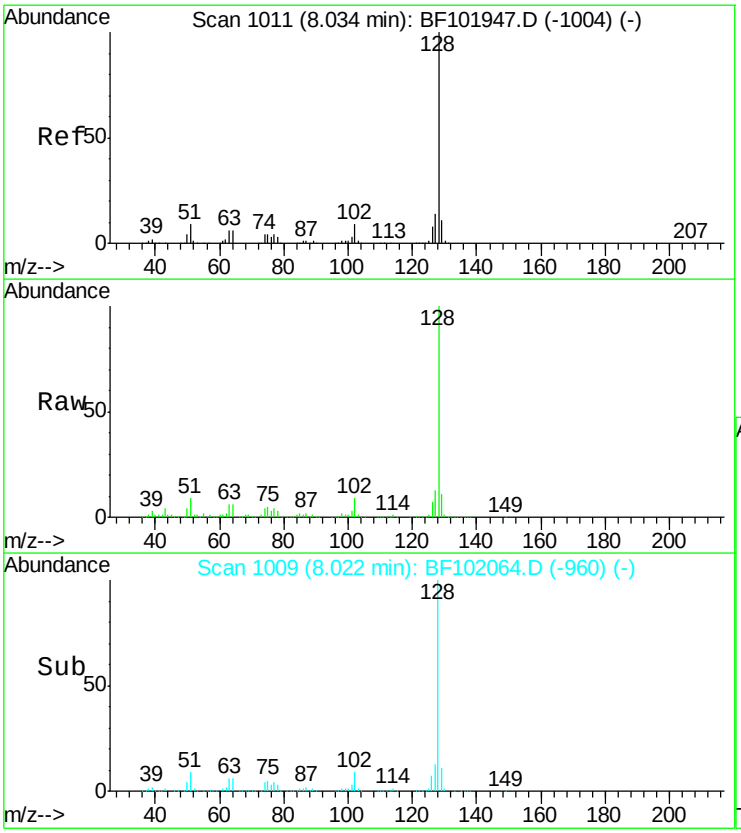
#23
Nitrobenzene-d5
Concen: 0.298 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion: 82 Resp: 4359

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	72.3	41.4	62.2#

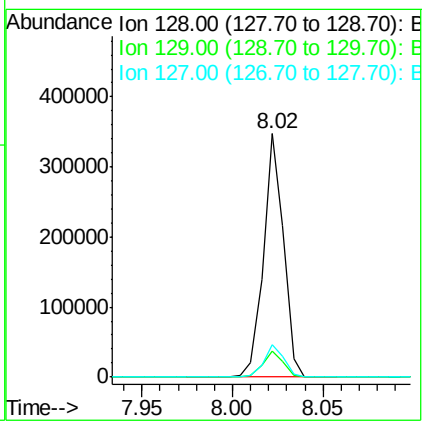


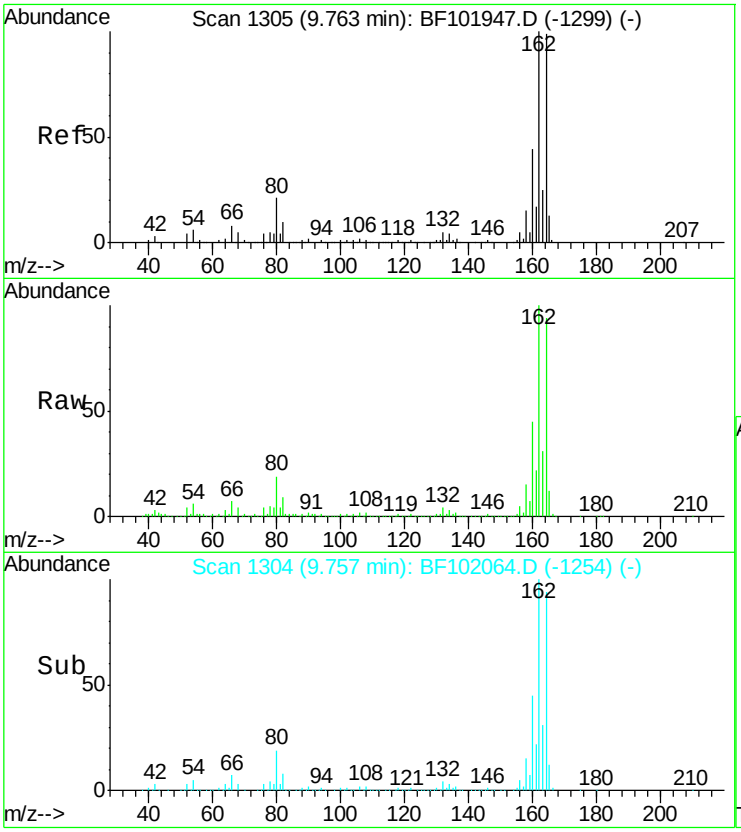


#31
Naphthalene
Concen: 6.203 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:128 Resp: 266617

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.4	10.9	16.3



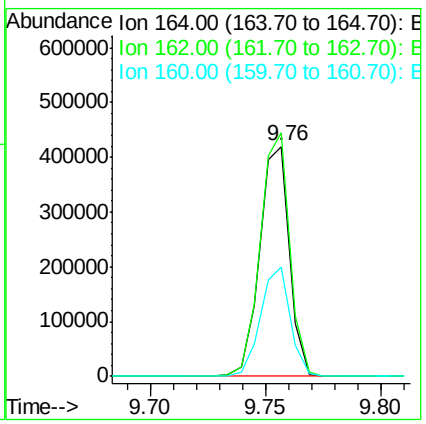


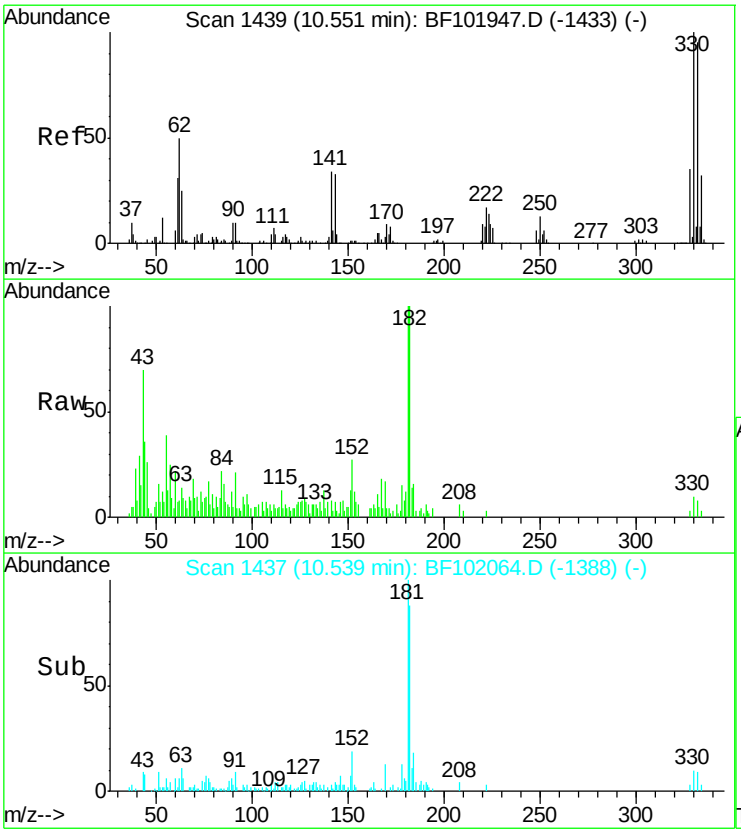
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:164 Resp: 376996

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.3	38.3	57.5

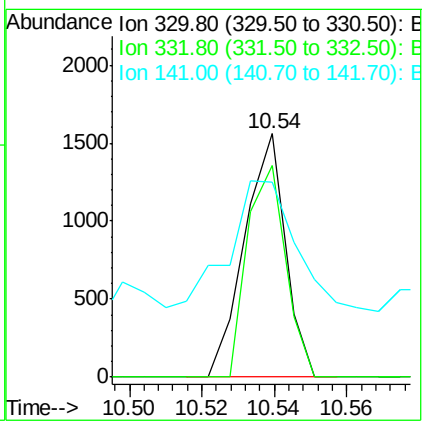


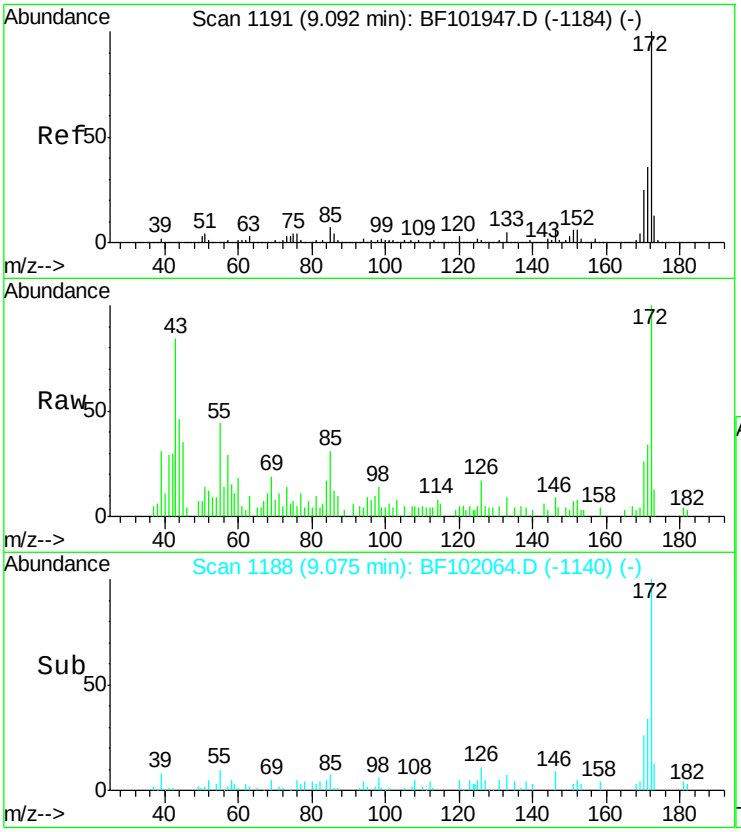


#41
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:330 Resp: 1218

Ion	Ratio	Lower	Upper
330	100		
332	81.1	77.0	115.6
141	91.8	29.9	44.9#



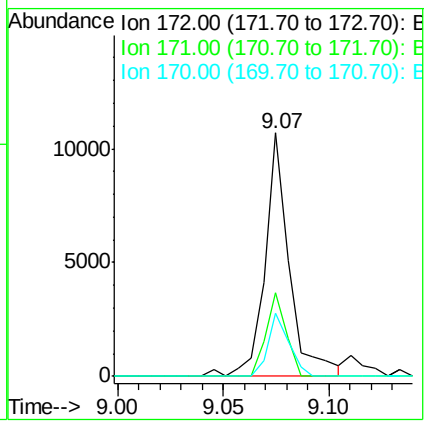


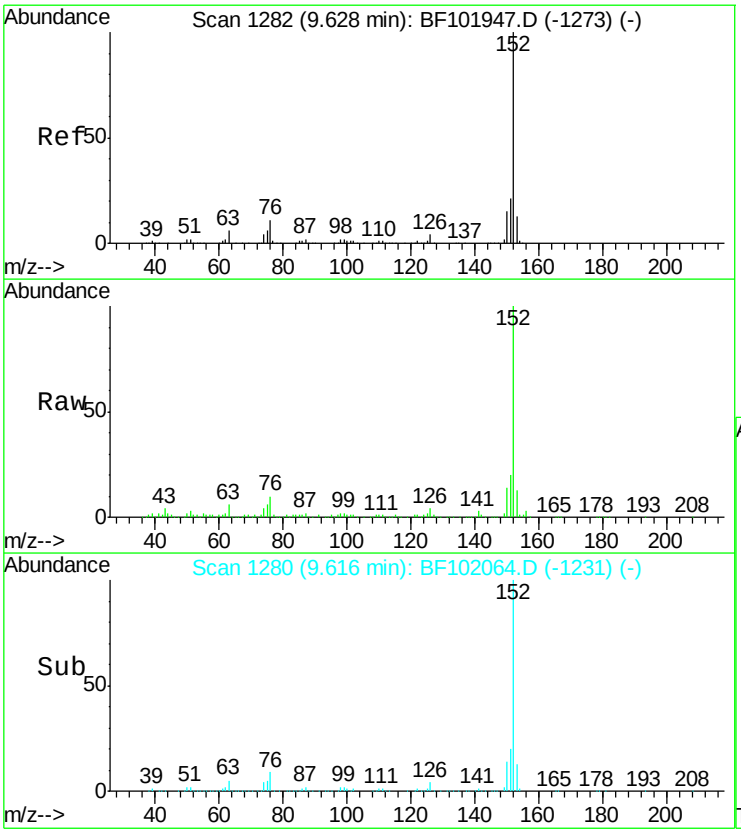
#44
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:172 Resp: 8615

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	25.9	19.6	29.4

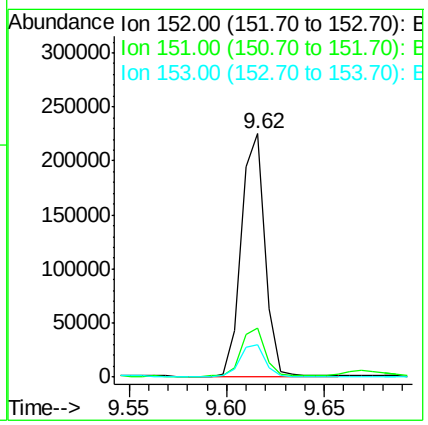


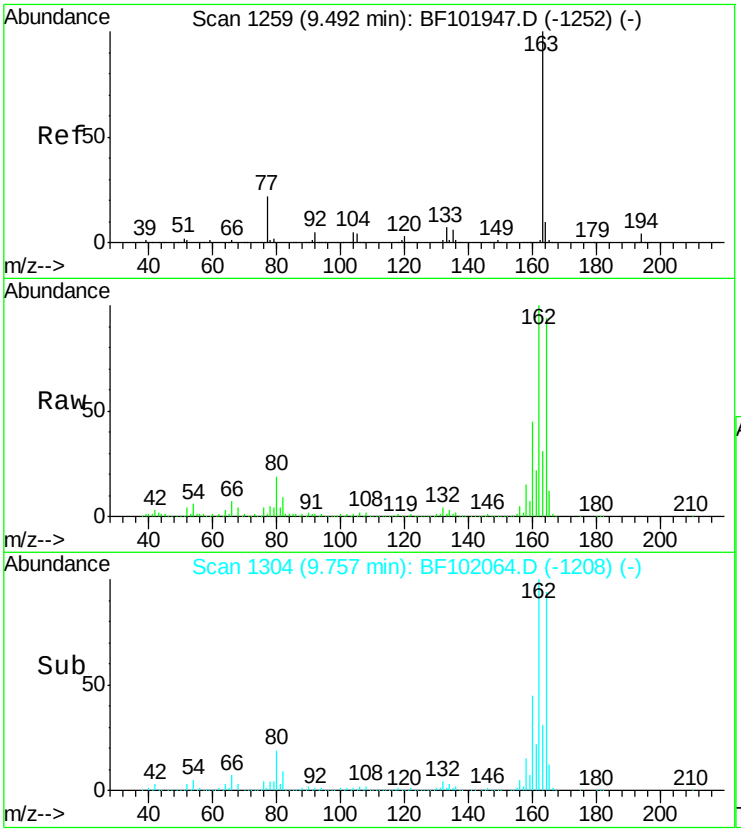


#48
Acenaphthylene
Concen: 4.589 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:152 Resp: 188203

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.7	16.1



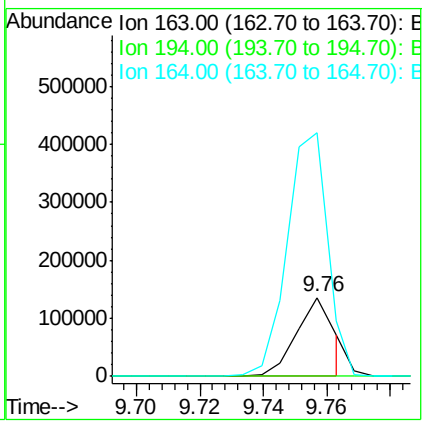


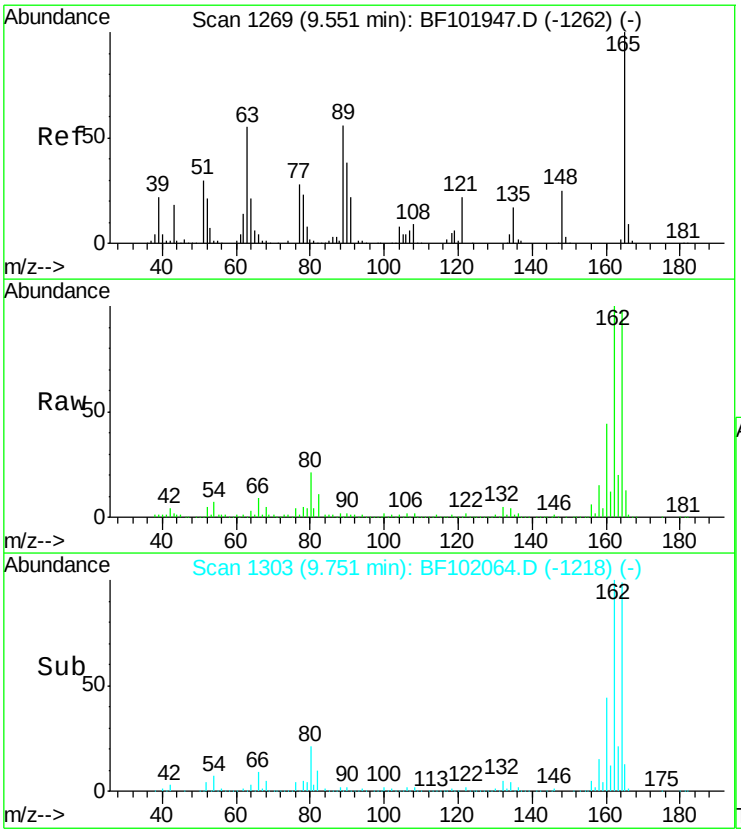
#49
Dimethylphthalate
Concen: 3.704 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.26 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:163 Resp: 112013

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	308.4	8.2	12.2#

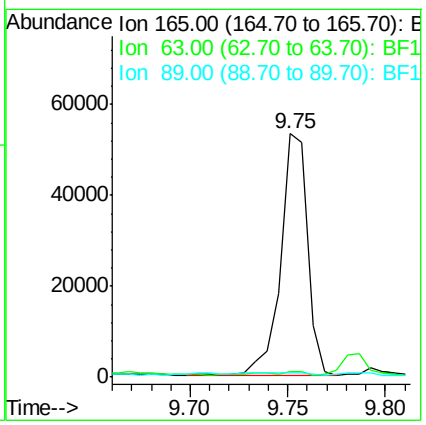


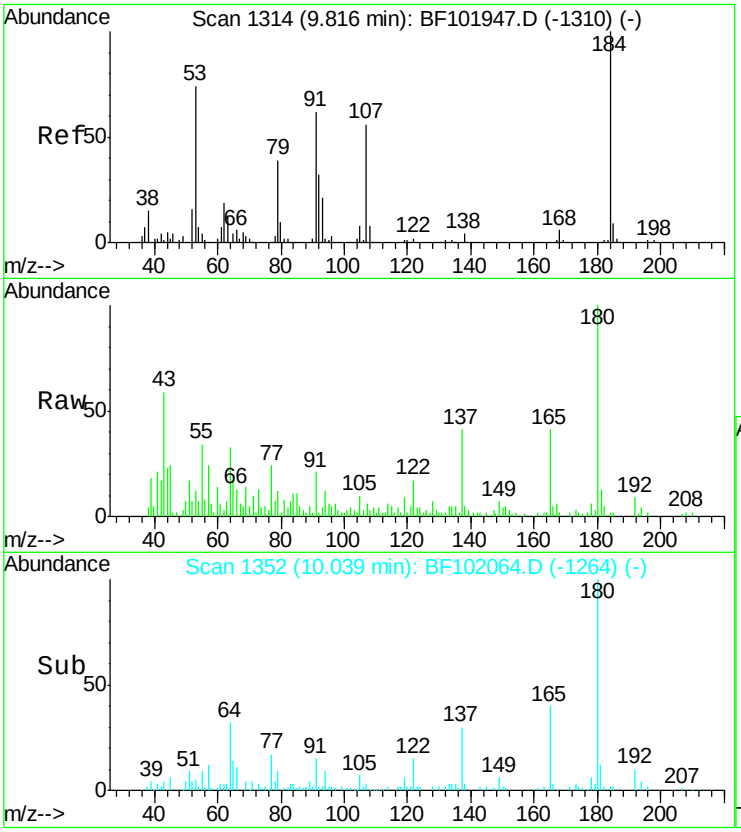


#50
2,6-Dinitrotoluene
Concen: 8.349 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:165 Resp: 50436

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	1.9	44.0	66.0#



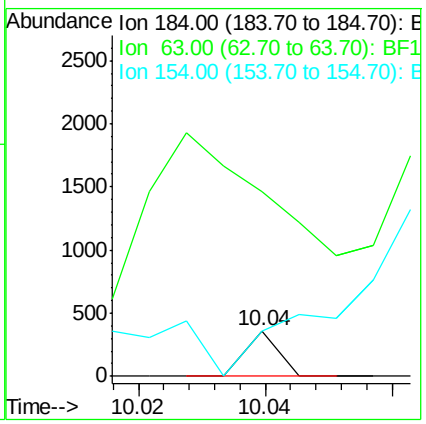


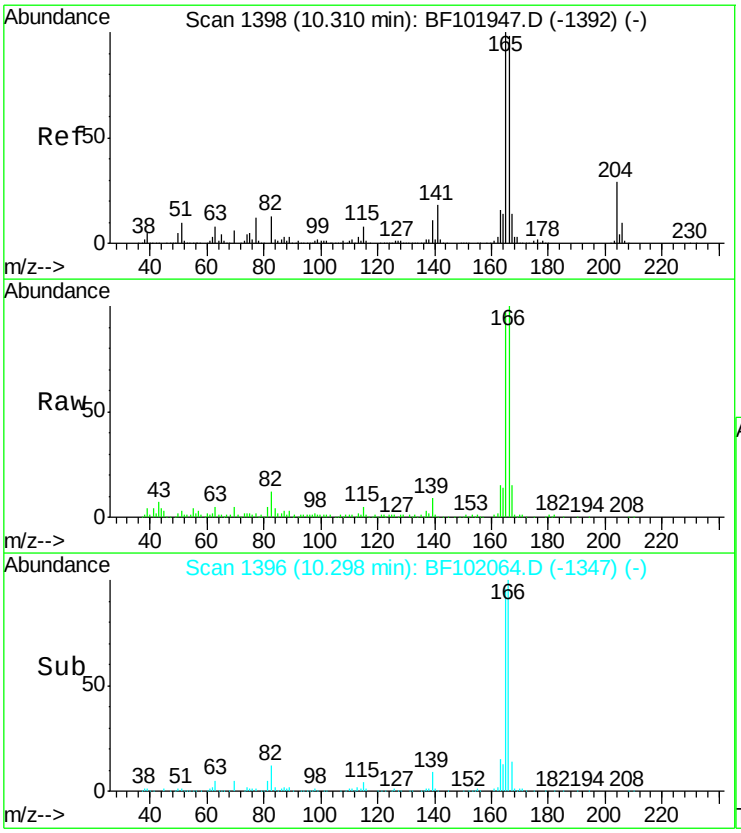
#53
2,4-Dinitrophenol
Concen: 8.707 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.22 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
63	407.5	54.2	81.2#
154	100.6	184.0	276.0#

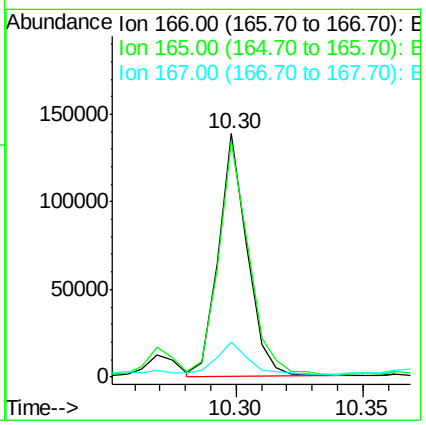


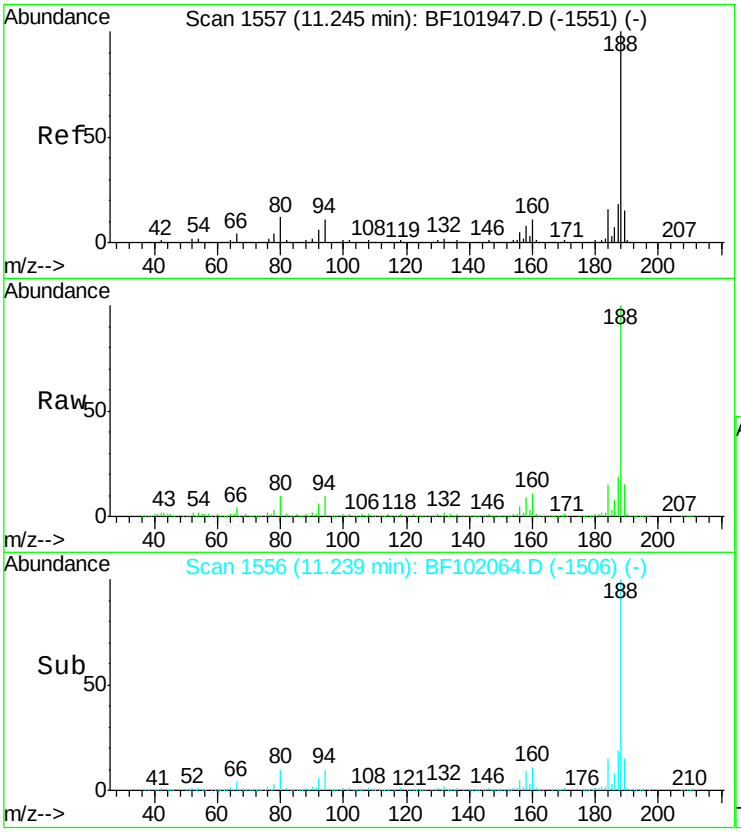


#57
Fluorene
Concen: 4.603 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:166 Resp: 108704

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	14.6	10.6	16.0



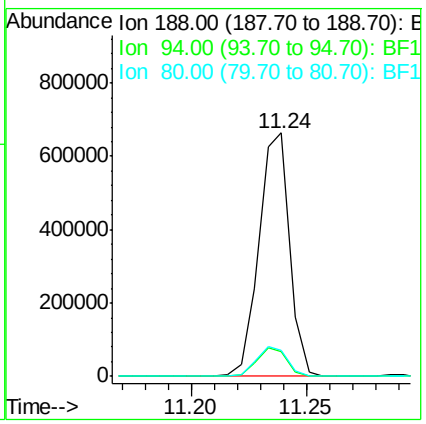


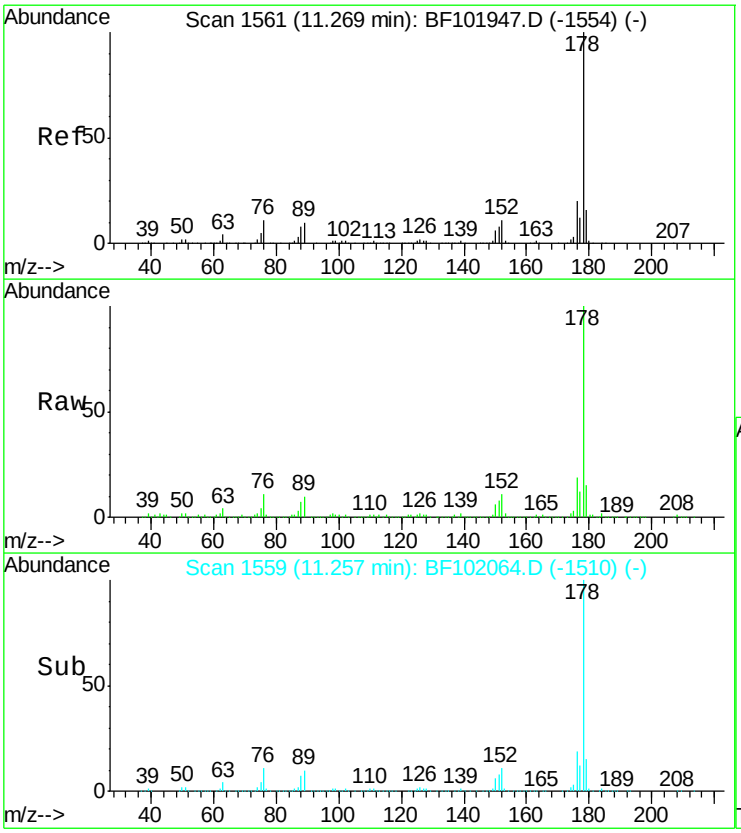
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:188 Resp: 614177

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.5	9.2	13.8

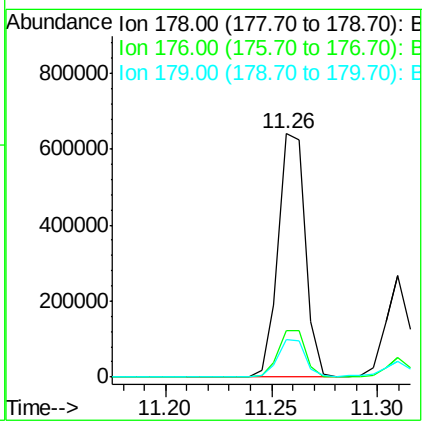


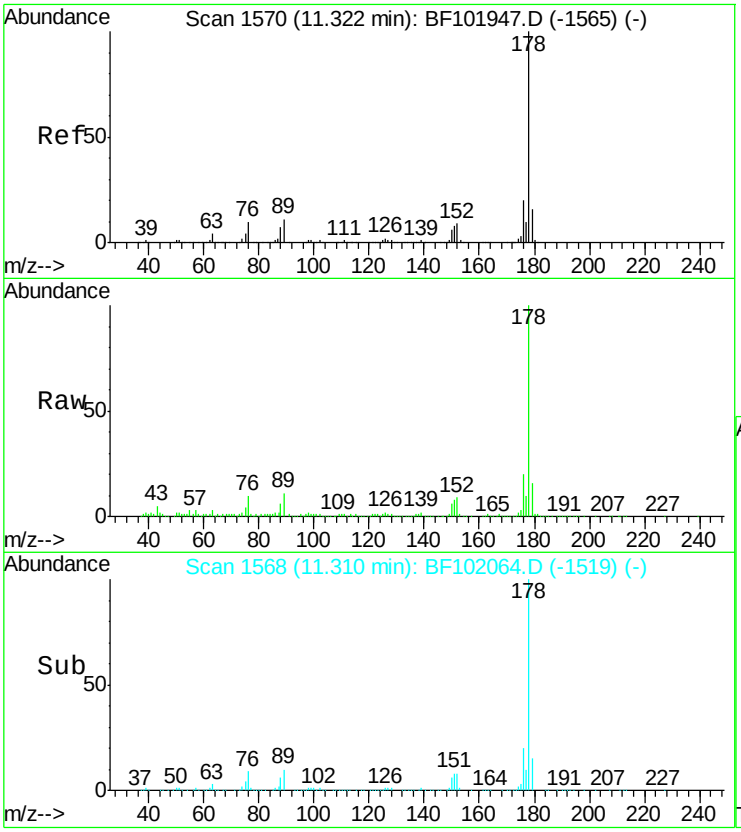


#70
Phenanthrene
Concen: 16.005 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:178 Resp: 574188

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6



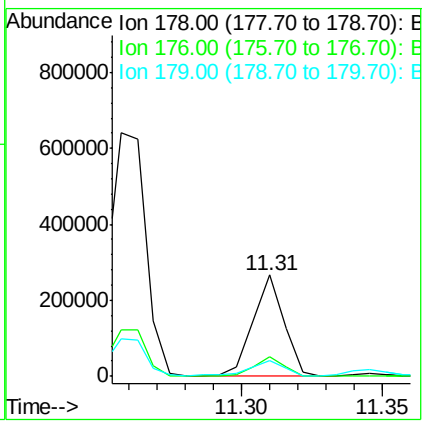


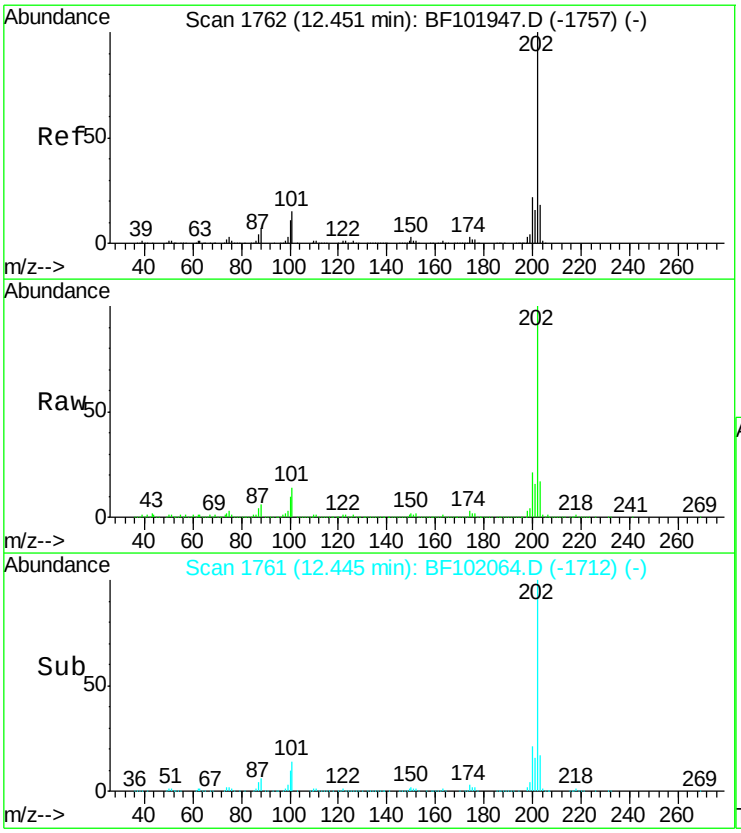
#71
Anthracene
Concen: 5.526 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:178 Resp: 201064

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.7	12.6	19.0

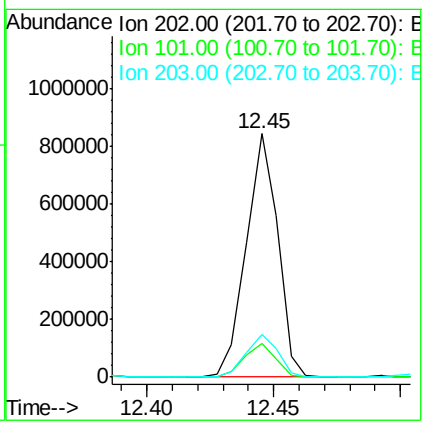


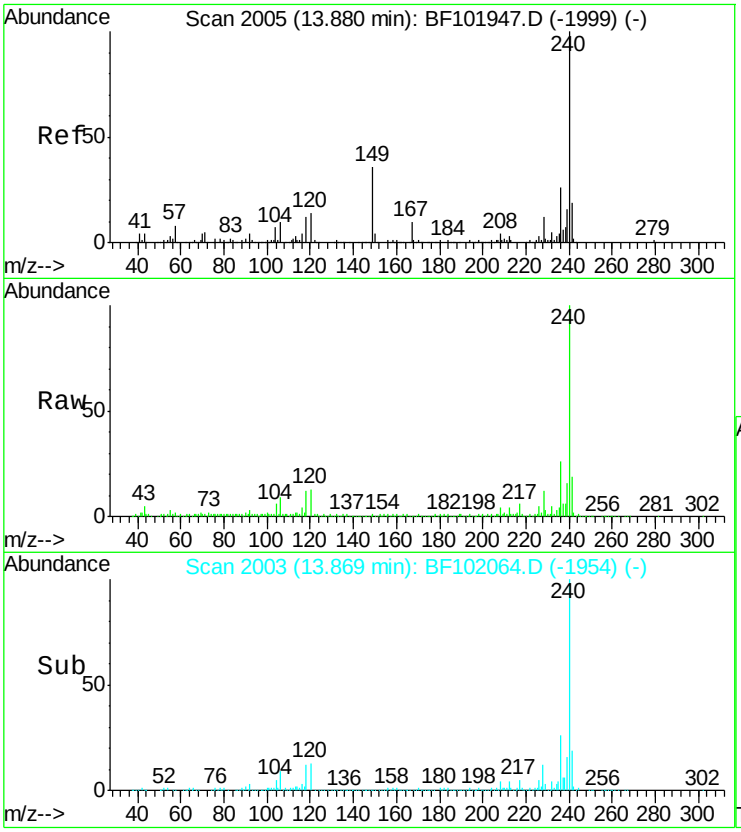


#74
Fluoranthene
Concen: 20.627 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:202 Resp: 728063

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.4	0.0	38.1



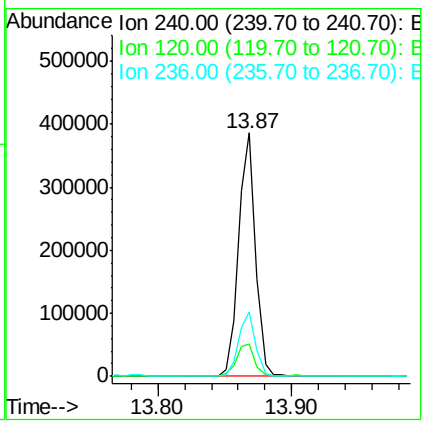


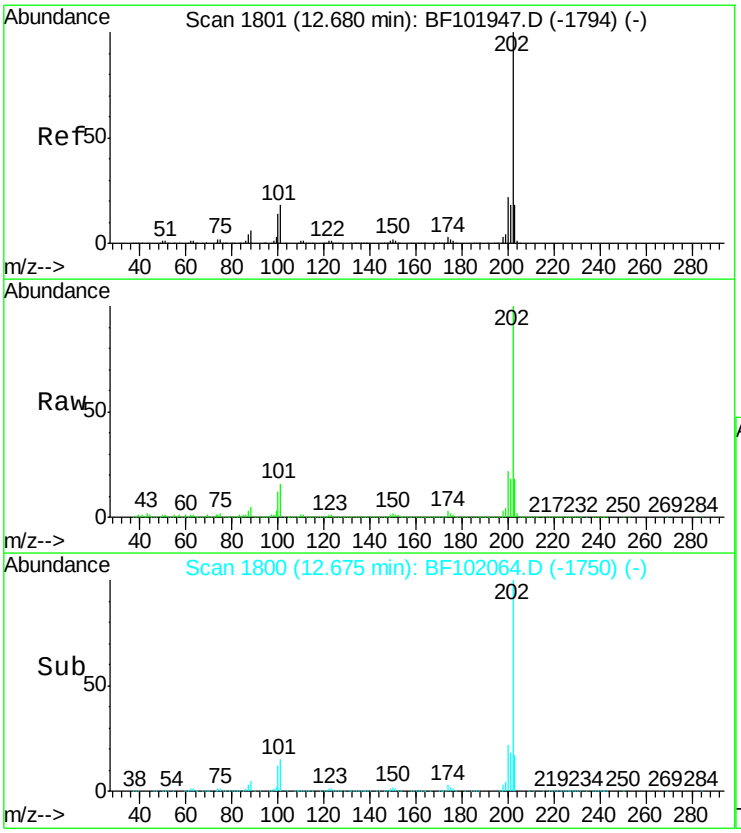
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:240 Resp: 338609

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.3	20.7	31.1

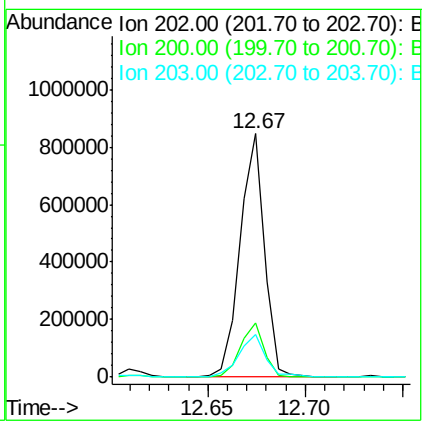


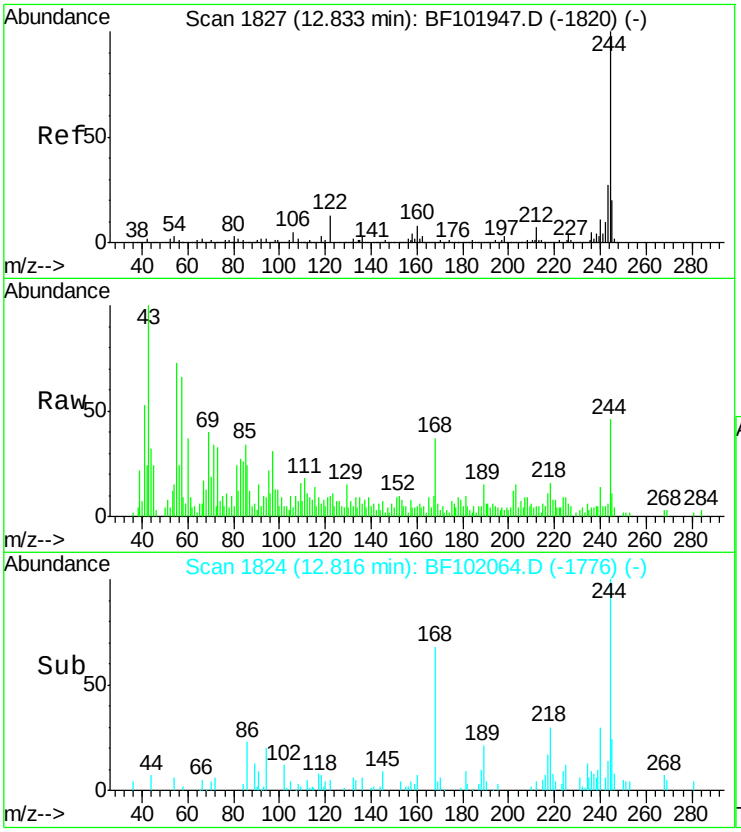


#77
Pyrene
Concen: 24.256 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:202 Resp: 725995

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.7	14.3	21.5



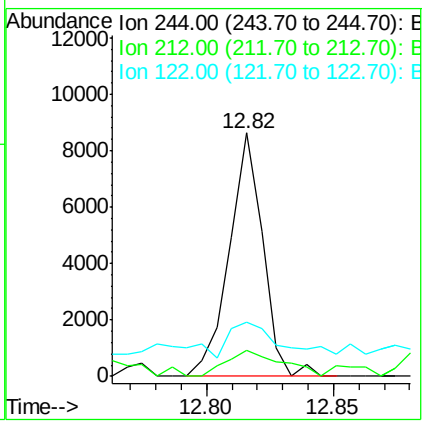


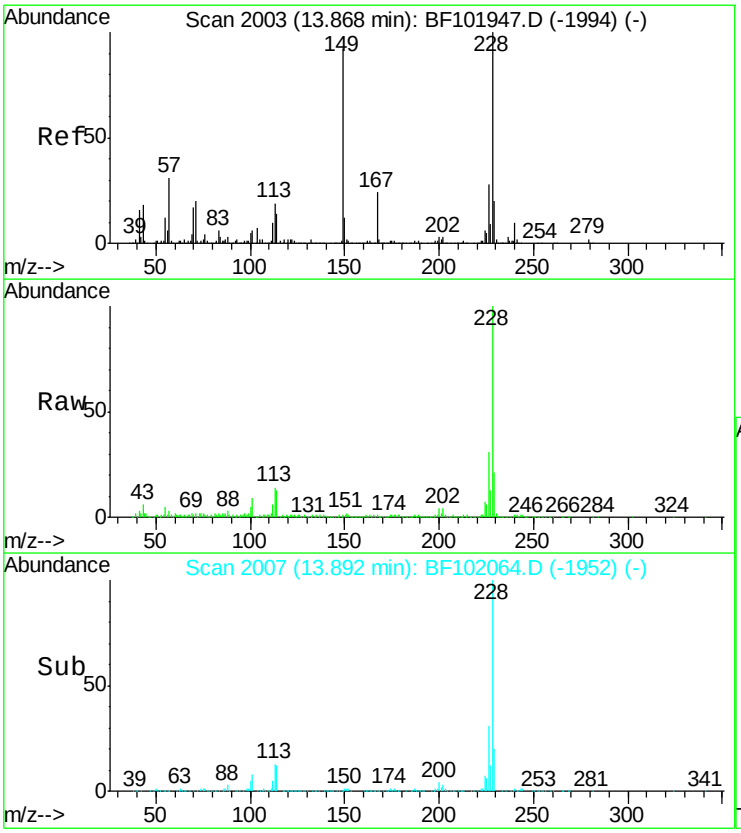
#78
Terphenyl-d14
Concen: 0.484 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:244 Resp: 7891

Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.4	8.0#
122	22.2	11.0	16.4#

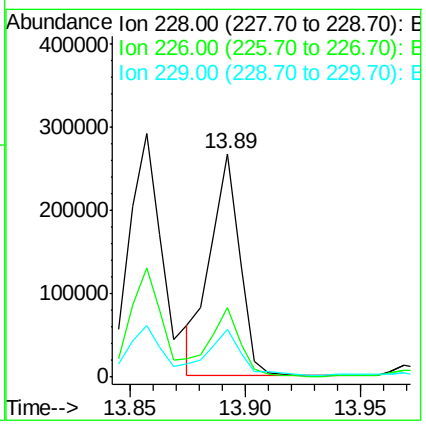


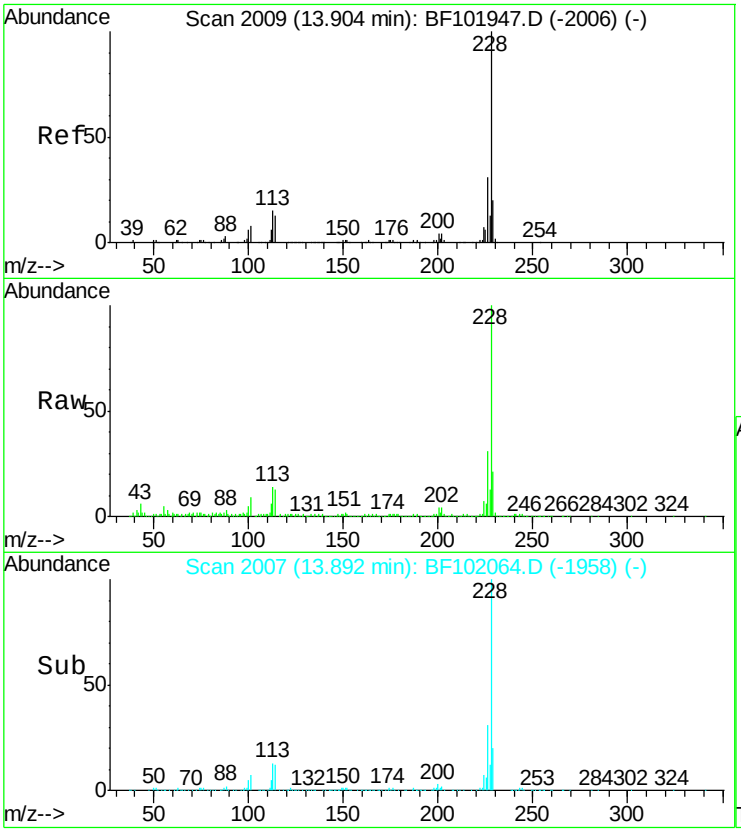


#80
Benzo(a)anthracene
Concen: 11.004 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:228 Resp: 237722

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	21.2	15.8	23.6



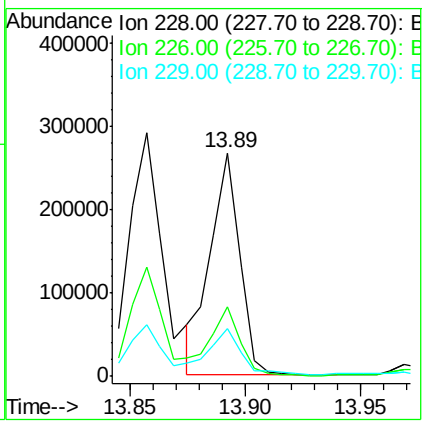


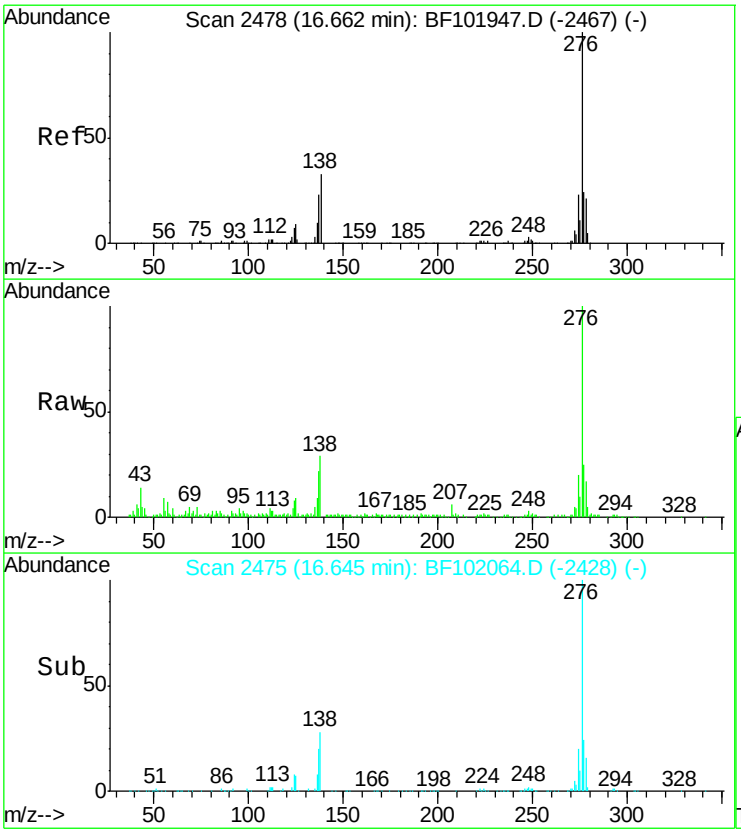
#82
Chrysene
Concen: 10.553 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:228 Resp: 237722

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.2	16.2	24.4

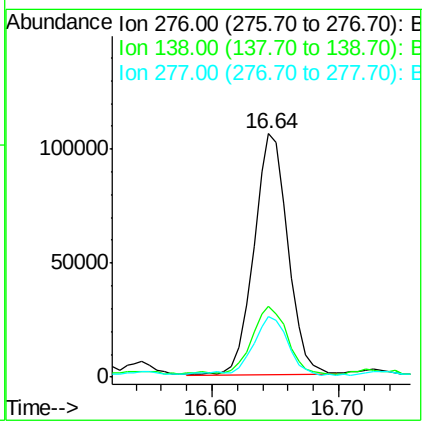


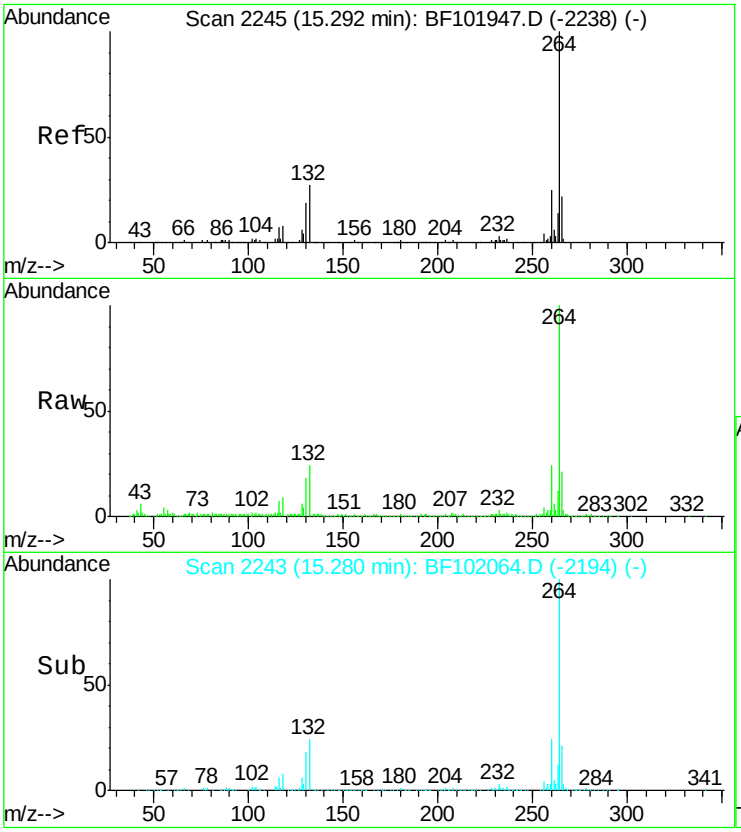


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.002 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:276 Resp: 196780

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	26.2	20.1	30.1



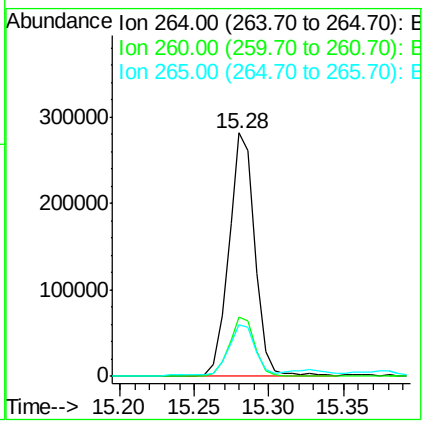


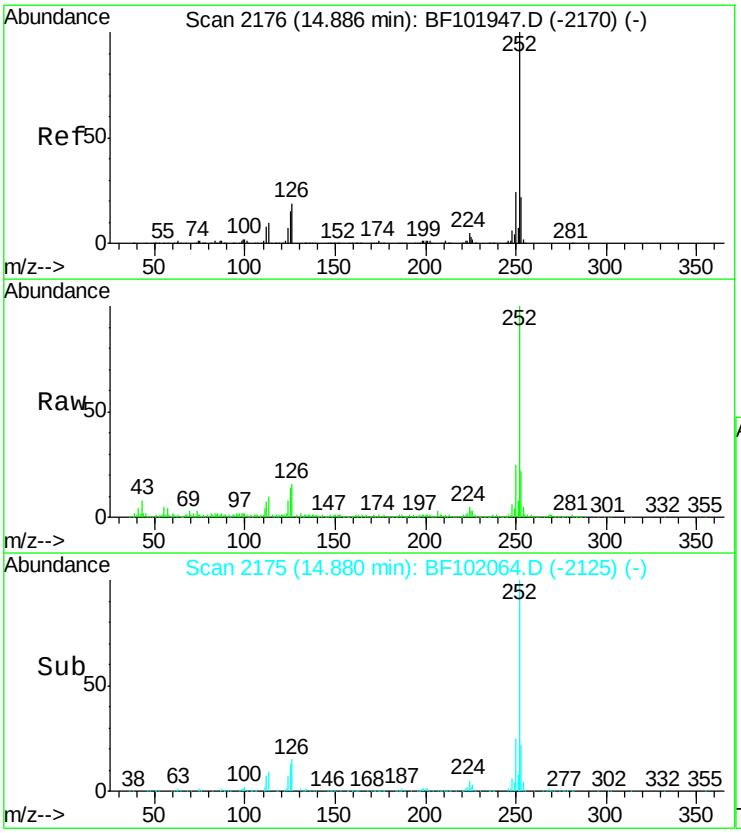
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:264 Resp: 341791

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

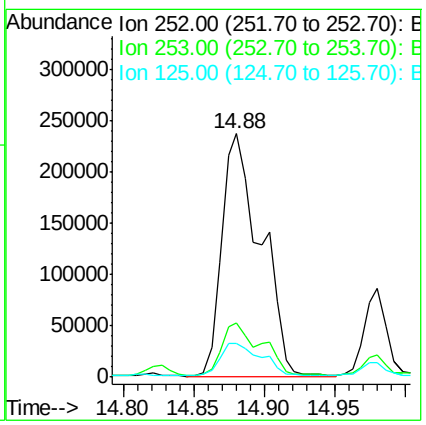


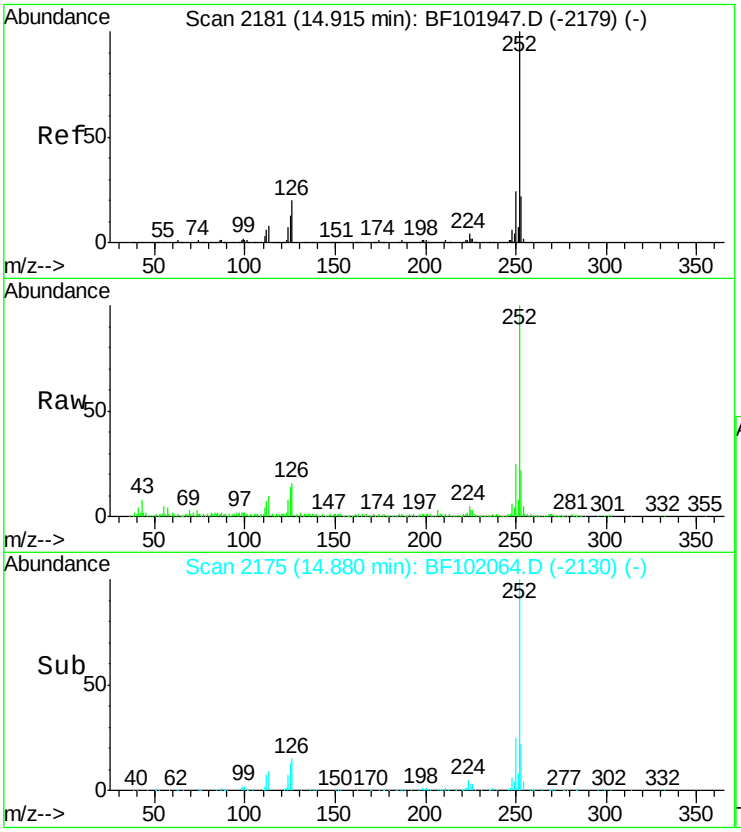


#87
Benzo(b)fluoranthene
Concen: 20.392 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:252 Resp: 454458

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.6	9.0	13.6#



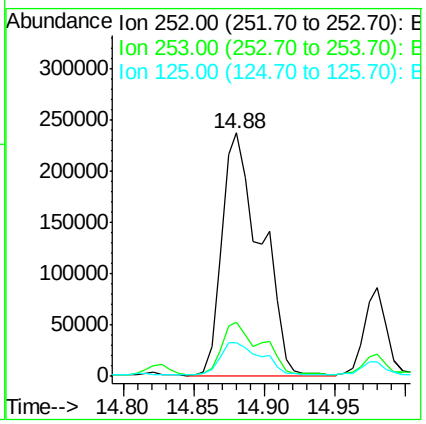


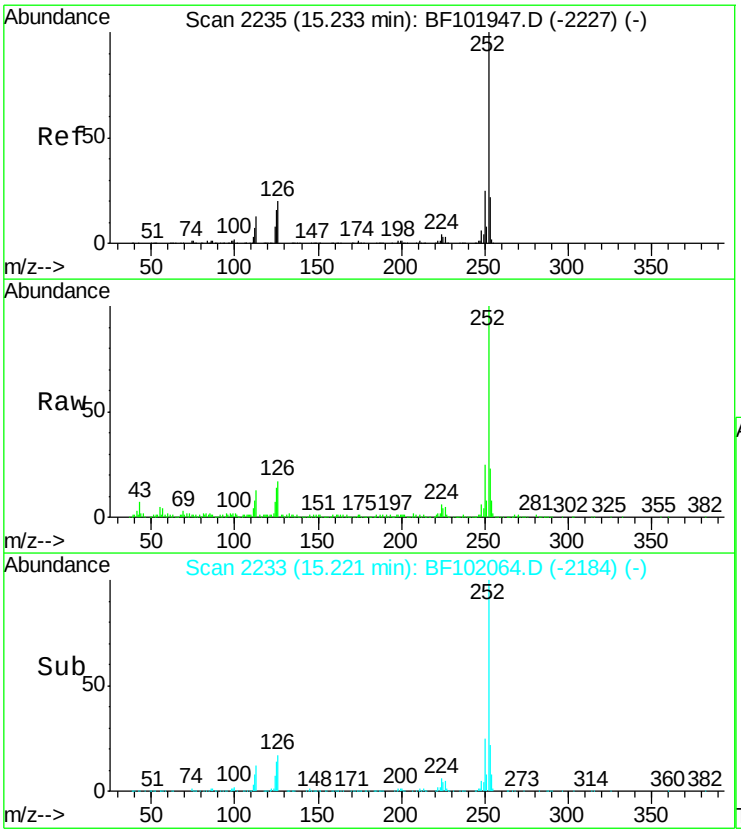
#88
Benzo(k)fluoranthene
Concen: 21.139 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:252 Resp: 454458

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	13.6	10.2	15.2

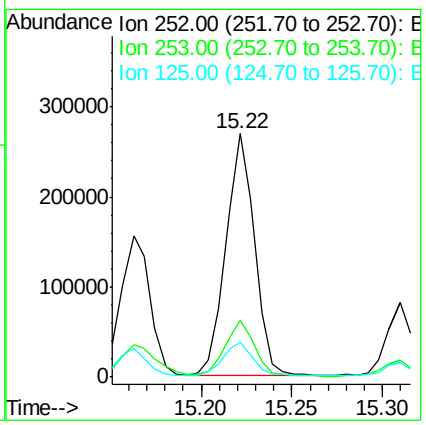


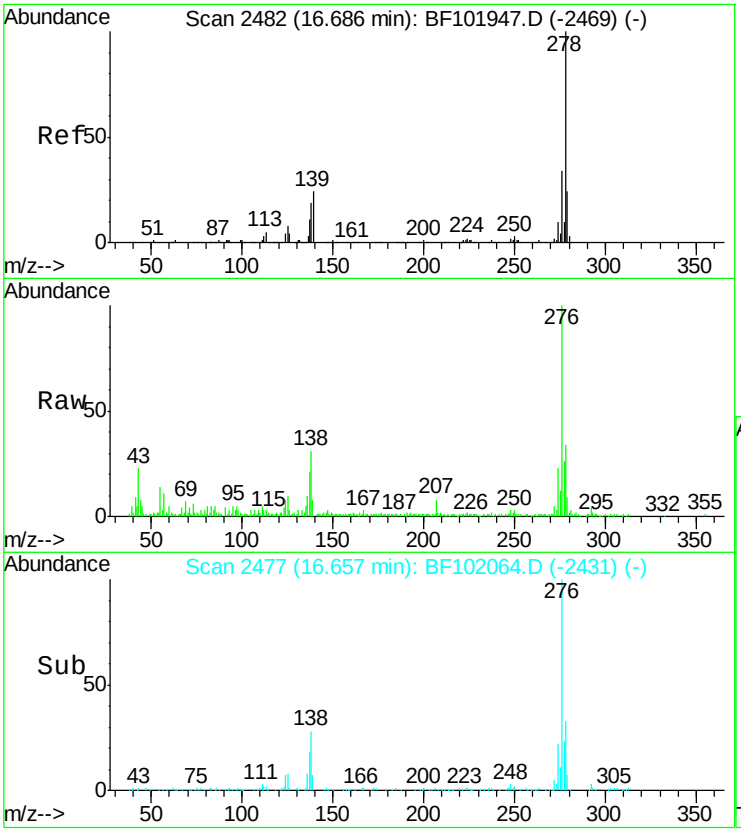


#89
Benzo(a)pyrene
Concen: 14.702 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:252 Resp: 294827

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.3	9.8	14.6



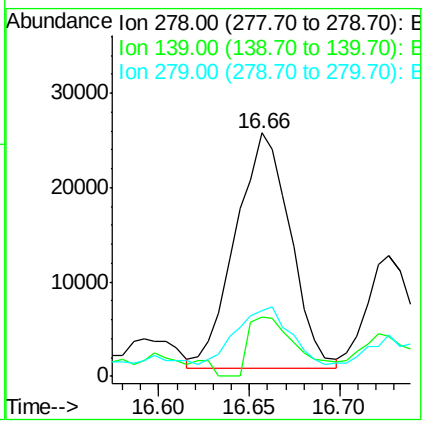


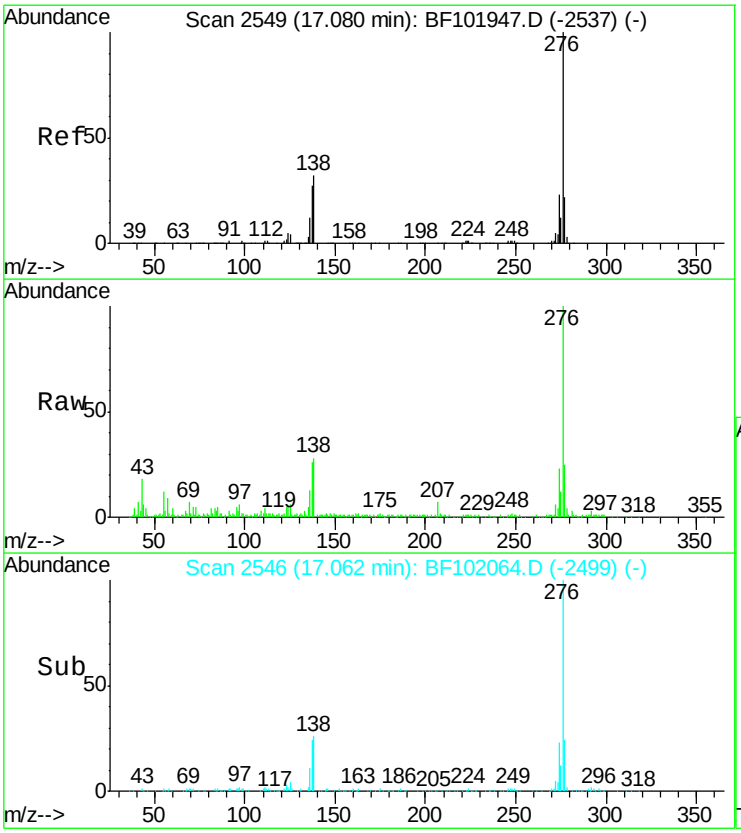
#90
Dibenzo(a,h)anthracene
Concen: 3.301 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Instrument :
BNA_F
ClientSampleId :
A2-SB26-S

Tgt Ion:278 Resp: 52833

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.9	23.9#
279	26.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 12.394 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF102064.D
Acq: 15 Jan 2018 15:53

Tgt Ion:276 Resp: 199805

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	27.7	21.8	32.8