Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
Data File : BF102059.D
Acq On : 12 Jan 2018 22:39
Operator : SJ/JU
Sample : J1015-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 13 00:39:45 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	6.73	152	233362	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	874855	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	325159	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	472801	20.00	ng		0.00
75) Chrysene-d12	13.89	240	384154	20.00	ng		0.00
86) Perylene-d12	15.32	264	302834	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1478255	89.45	ng		0.01
7) Phenol-d6	6.37	99	1767938	89.66	ng		0.00
23) Nitrobenzene-d5	7.30	82	1066148	71.61	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	256312	90.33	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1619085	77.79	ng		0.00
78) Terphenyl-d14	12.84	244	1102917	59.61	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	32226	2.354	ng		82
10) Phenol	6.38	94	88322	3.964	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	147847	11.442	ng	#	79
25) Isophorone	7.30	82	1065869	36.234	ng	#	64
31) Naphthalene	8.03	128	144354	3.302	ng		99
37) 2-Methylnaphthalene	8.72	142	113840	3.956	ng		99
48) Acenaphthylene	9.63	152	329379	9.313	ng		100
49) Dimethylphthalate	9.48	163	197633	7.577	ng		99
53) 2,4-Dinitrophenol	10.02	184	138	8.720	ng	#	69
57) Fluorene	10.31	166	118697	5.828	ng		97
64) 4,6-Dinitro-2-methylphenol	10.26	198	115	5.702	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	16862	3.377	ng	#	1
70) Phenanthrene	11.27	178	539321	19.528	ng		99
71) Anthracene	11.32	178	250877	8.957	ng		99
74) Fluoranthene	12.46	202	655464	24.123	ng		98
77) Pyrene	12.69	202	813223	23.949	ng		99
80) Benzo(a)anthracene	13.91	228	438472	17.889	ng		94
82) Chrysene	13.91	228	438472	17.156	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	166149	8.932	ng		99
87) Benzo(b)fluoranthene	14.91	252	581863	29.468	ng	#	94
88) Benzo(k)fluoranthene	14.91	252	581863	30.547	ng	#	97
89) Benzo(a)pyrene	15.26	252	317144	17.849	ng	#	96
90) Dibenzo(a,h)anthracene	16.71	278	46690	3.293	ng	#	76
91) Benzo(g,h,i)perylene	17.12	276	176471	12.355	ng		95

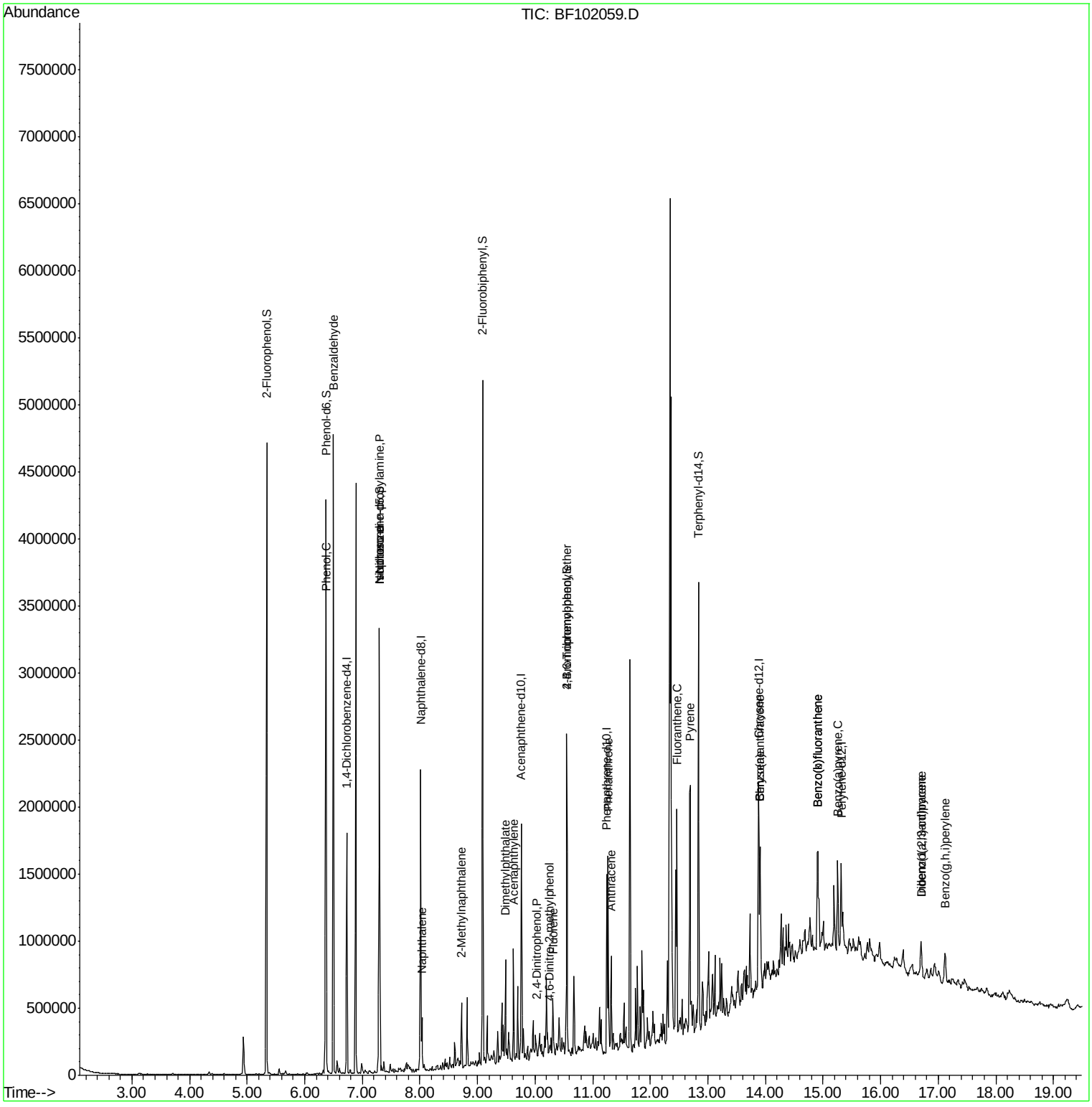
(#) = qualifier out of range (m) = manual integration (+) = signals summed

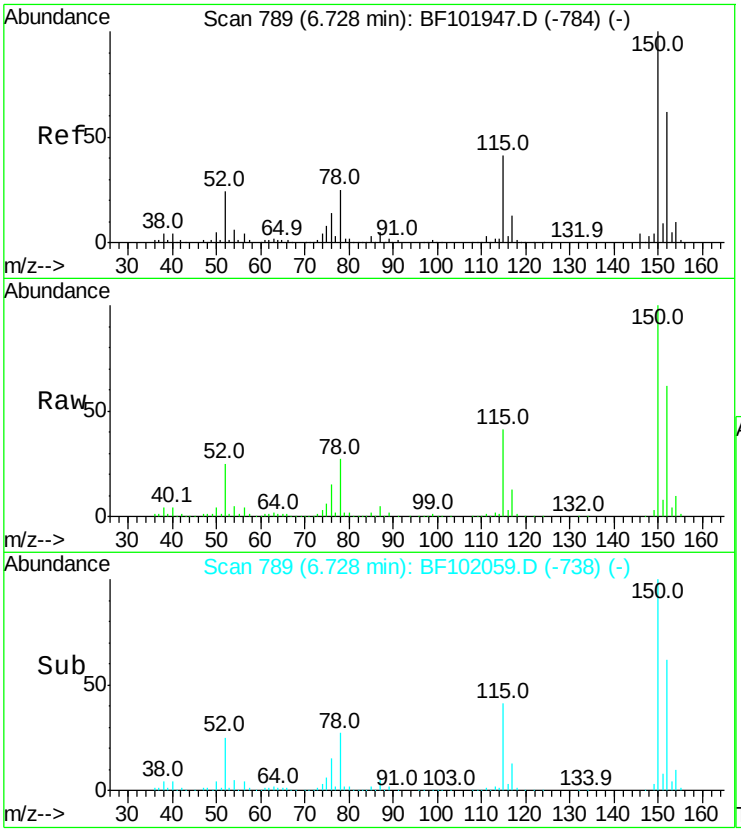
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
Data File : BF102059.D
Acq On : 12 Jan 2018 22:39
Operator : SJ/JU
Sample : J1015-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 13 00:39:45 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



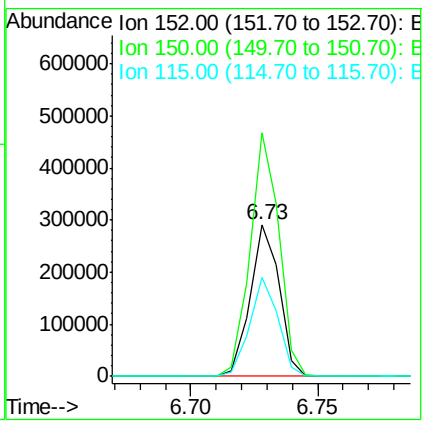


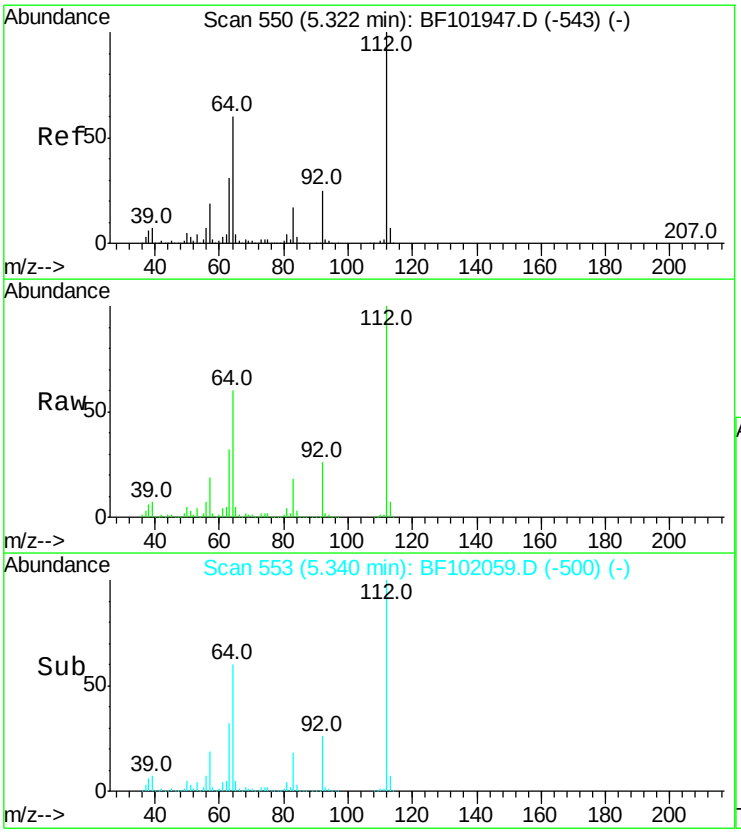
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 233362

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.0	50.1	75.1

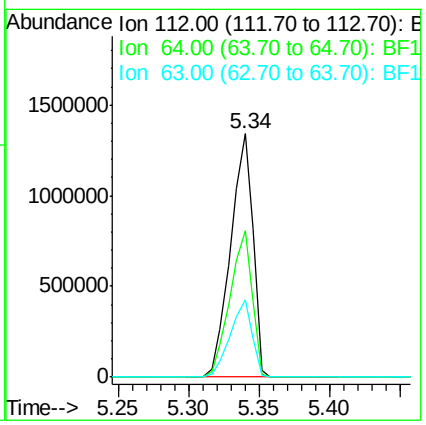


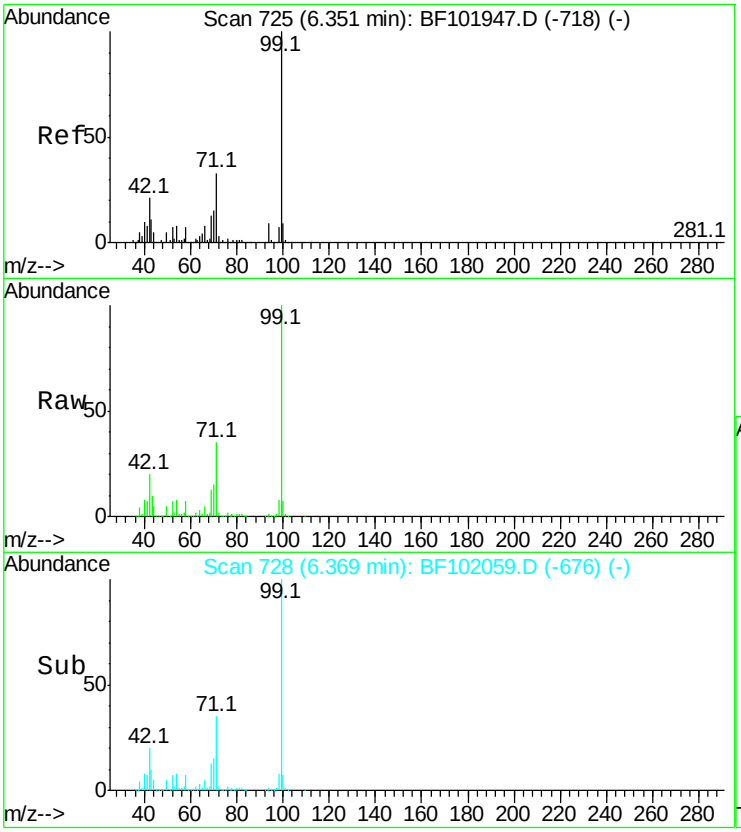


#5
2-Fluorophenol
Concen: 89.450 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:112 Resp: 1478255

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	31.5	23.7	35.5



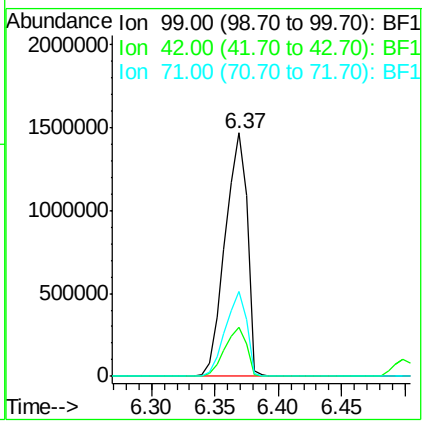


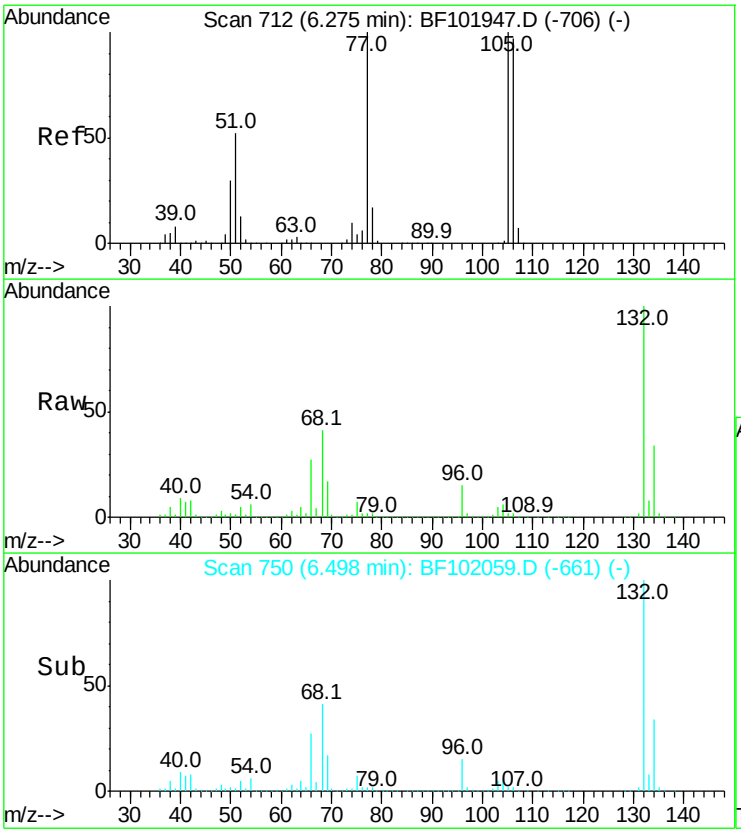
#7
Phenol-d6
Concen: 89.664 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1767938

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.8	25.4	38.0

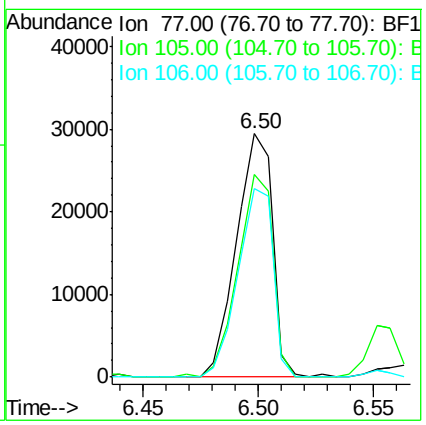


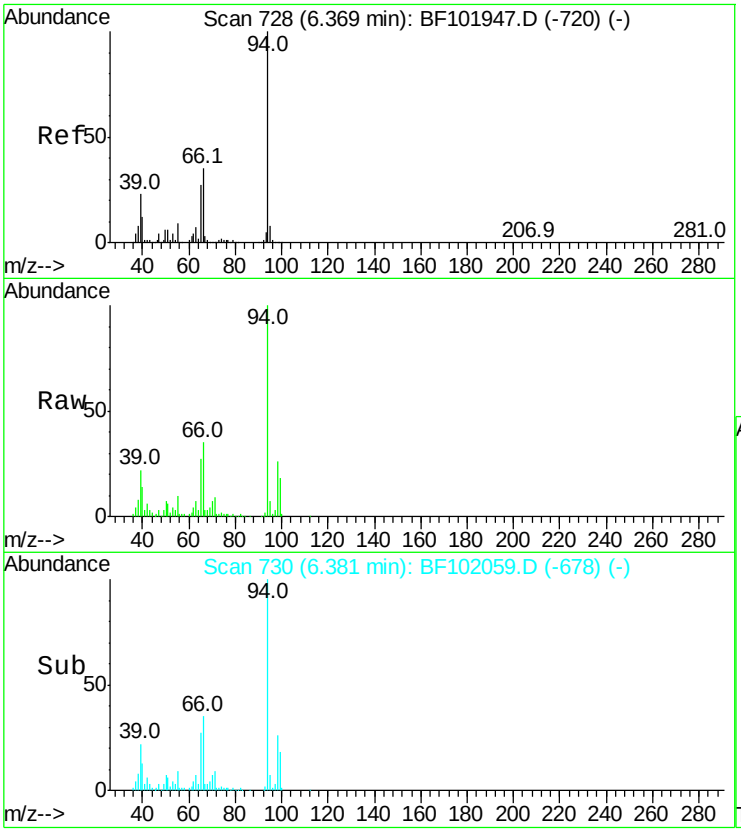


#9
Benzaldehyde
Concen: 2.354 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion: 77 Resp: 32226

Ion	Ratio	Lower	Upper
77	100		
105	83.5	81.1	121.1
106	77.5	74.5	114.5



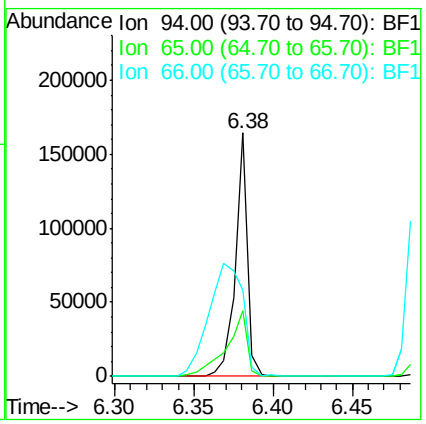


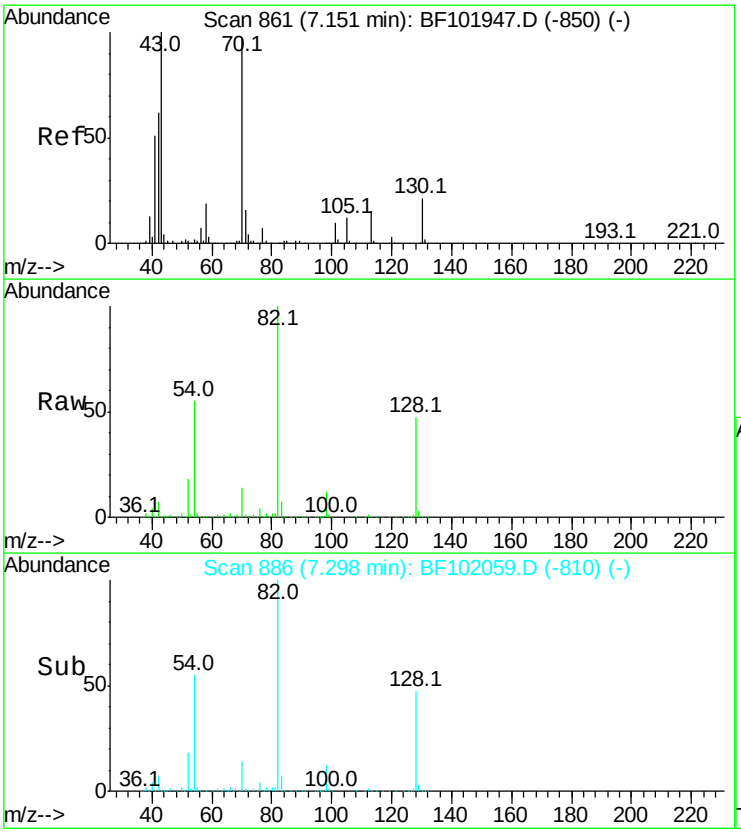
#10
Phenol
Concen: 3.964 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 88322

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	35.2	16.2	56.2

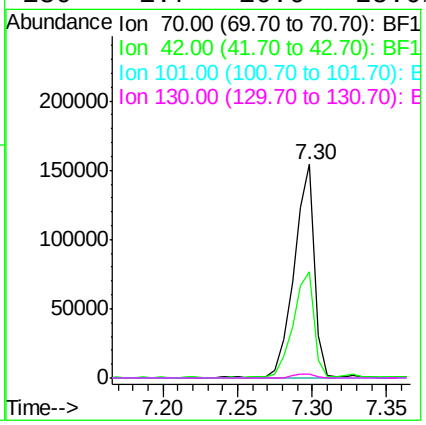


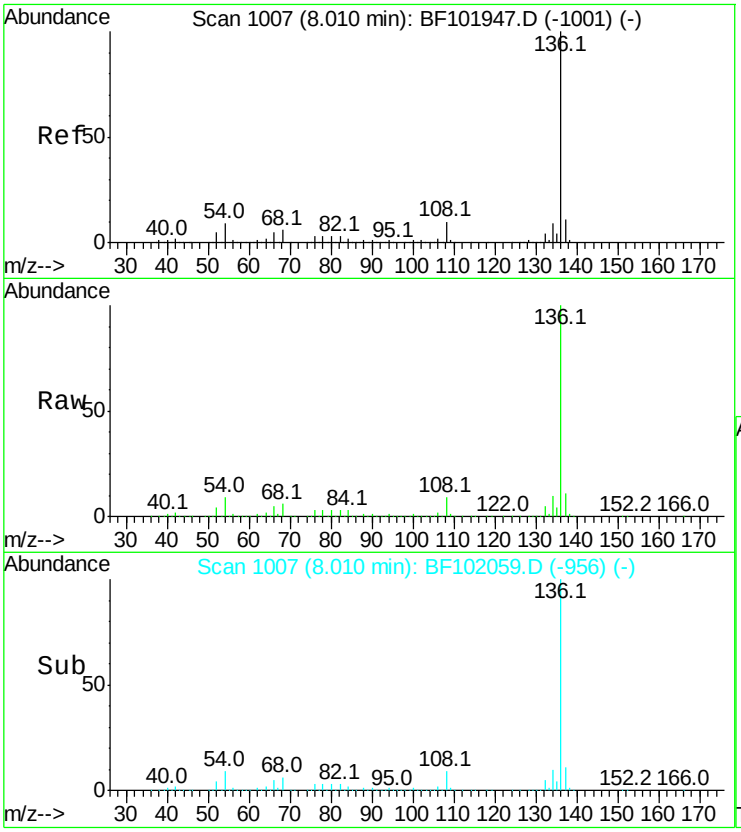


#19
n-Nitroso-di-n-propylamine
Concen: 11.442 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion: 70 Resp: 147847

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



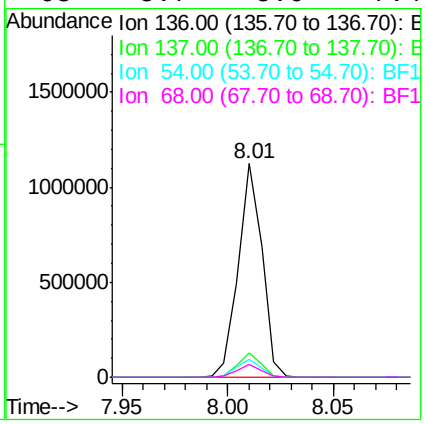


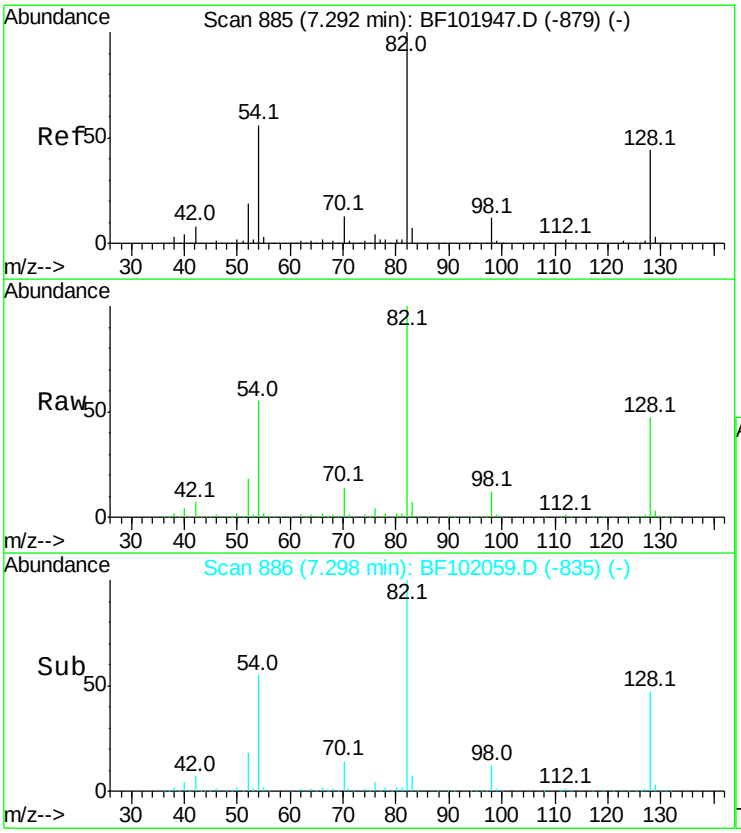
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 874855

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	6.6	9.8
68	5.7	5.0	7.4

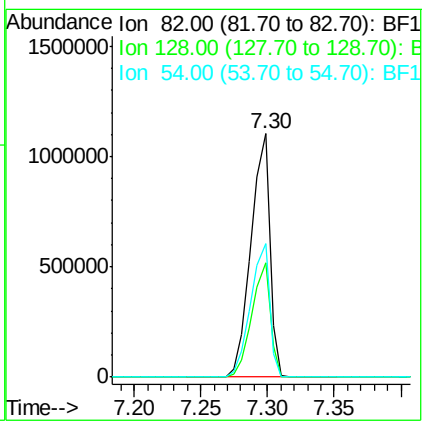


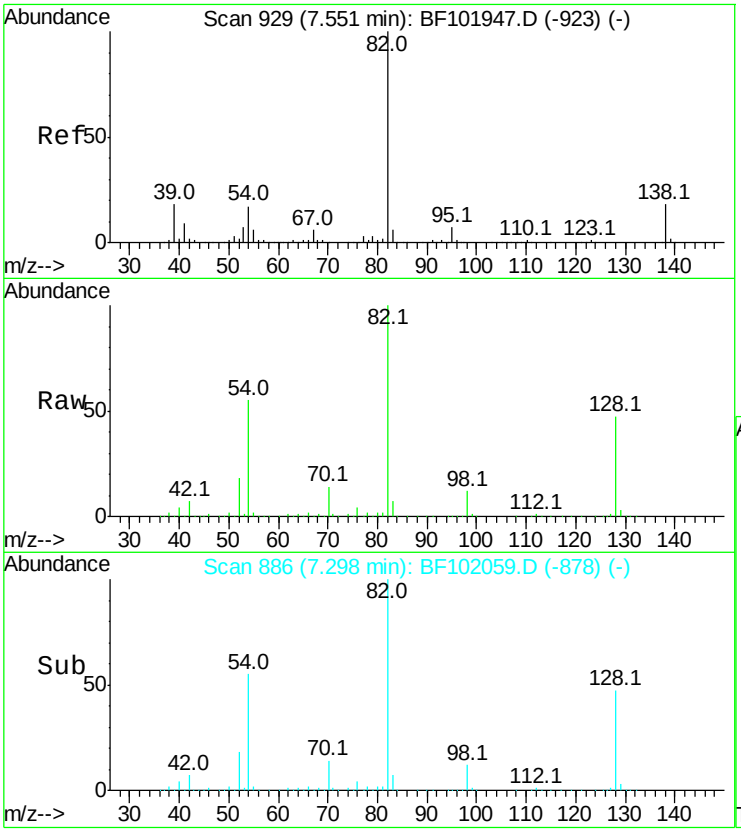


#23
Nitrobenzene-d5
Concen: 71.613 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion: 82 Resp: 1066148

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	54.8	41.4	62.2



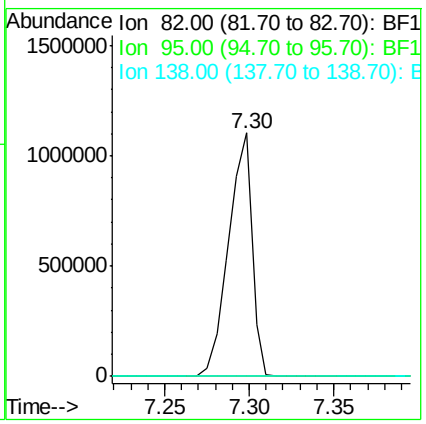


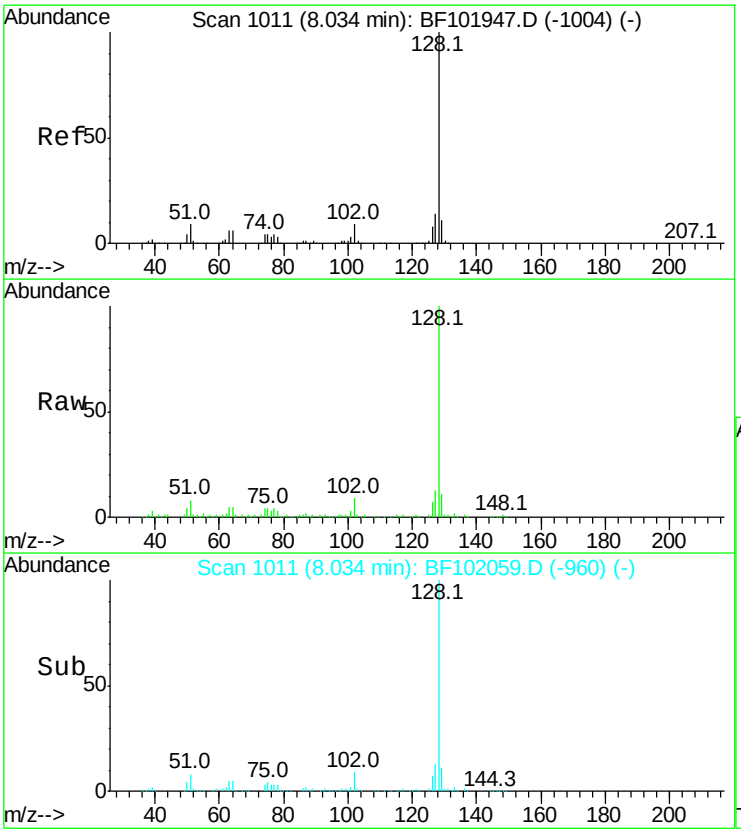
#25
Isophorone
Concen: 36.234 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.25 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1065869

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

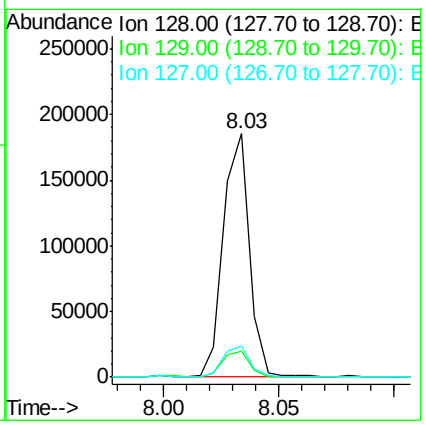


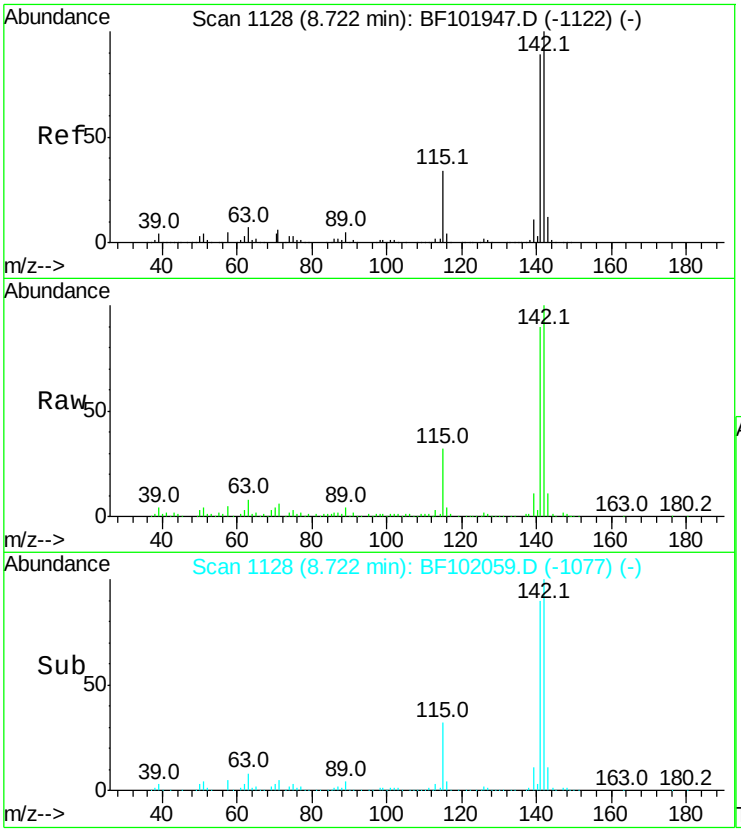


#31
Naphthalene
Concen: 3.302 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:128 Resp: 144354

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.9	16.3



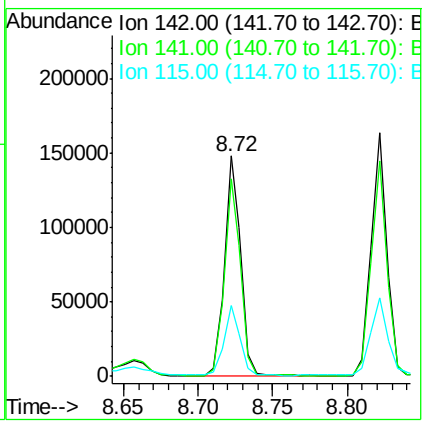


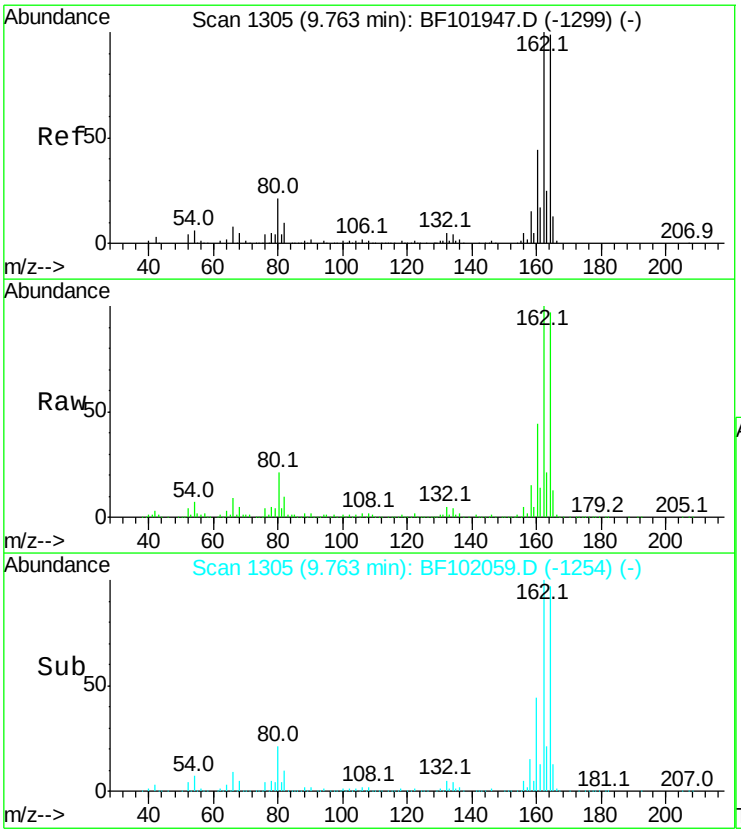
#37
2-Methylnaphthalene
Concen: 3.956 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 113840

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	32.1	26.1	39.1

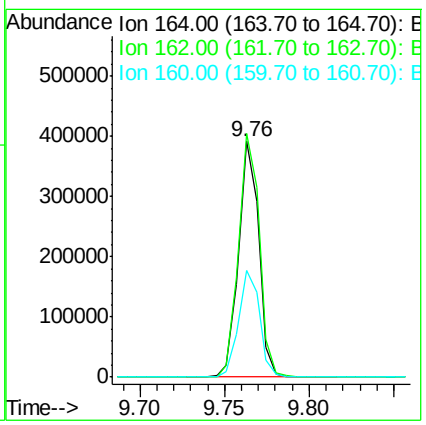


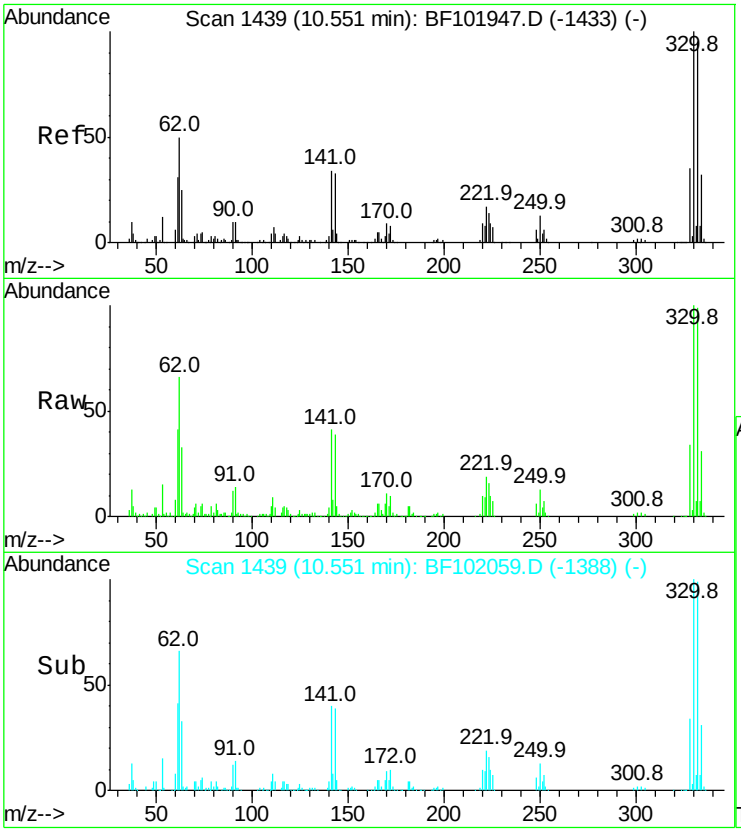


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:164 Resp: 325159

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.5	38.3	57.5



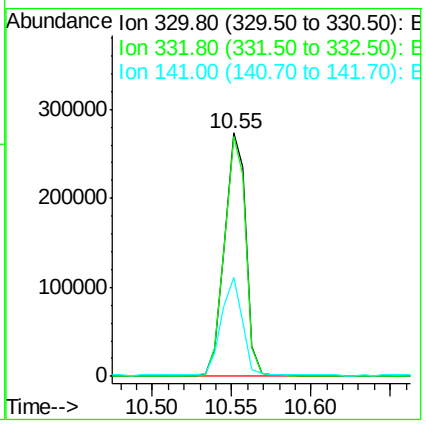


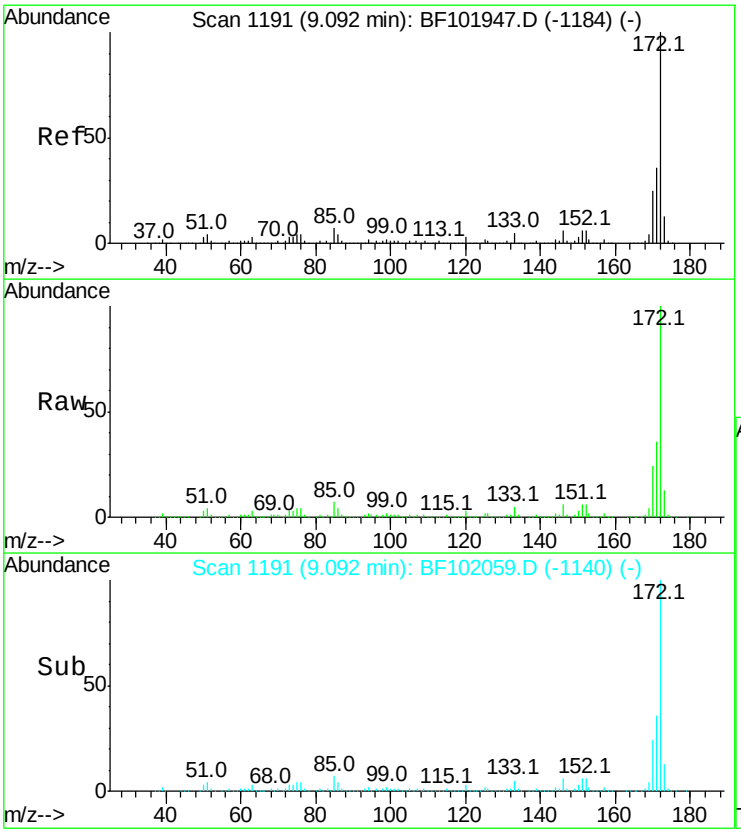
#41
2,4,6-Tribromophenol
Concen: 90.326 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 256312

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	40.2	29.9	44.9

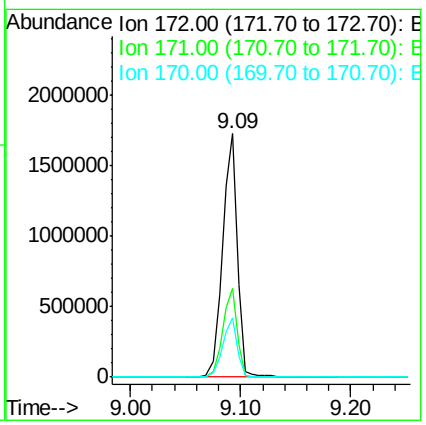


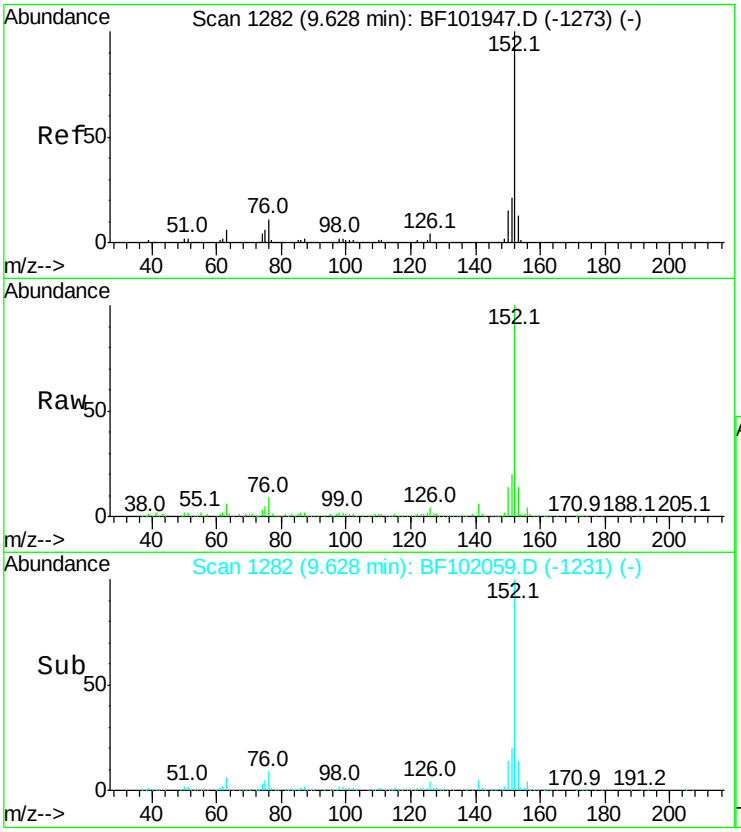


#44
2-Fluorobiphenyl
Concen: 77.791 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:172 Resp: 1619085

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



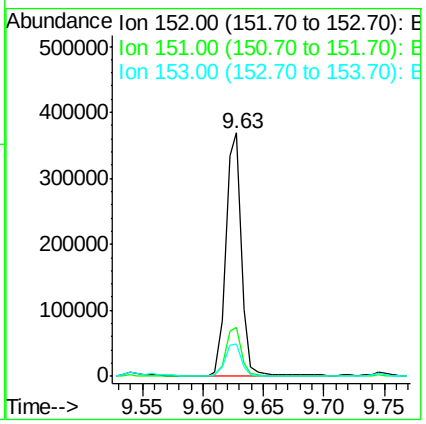


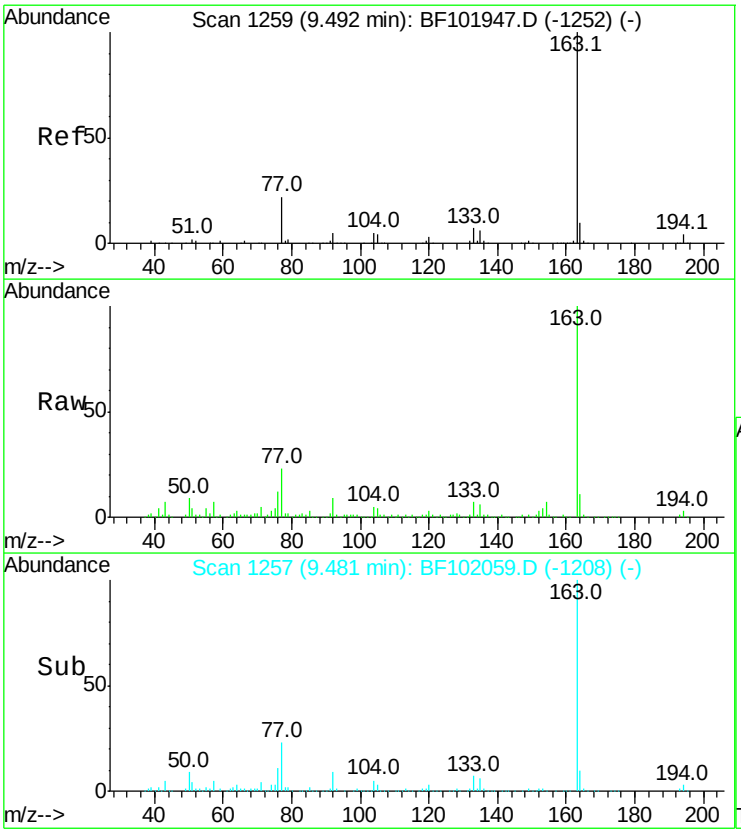
#48
Acenaphthylene
Concen: 9.313 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 329379

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.5	10.7	16.1

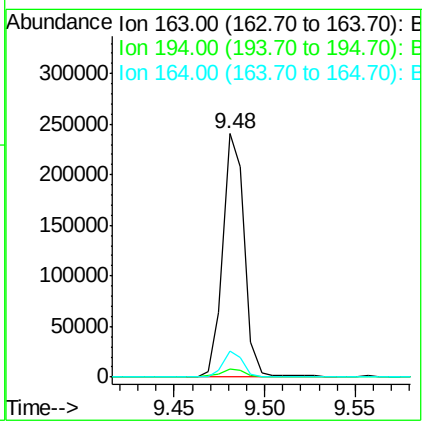


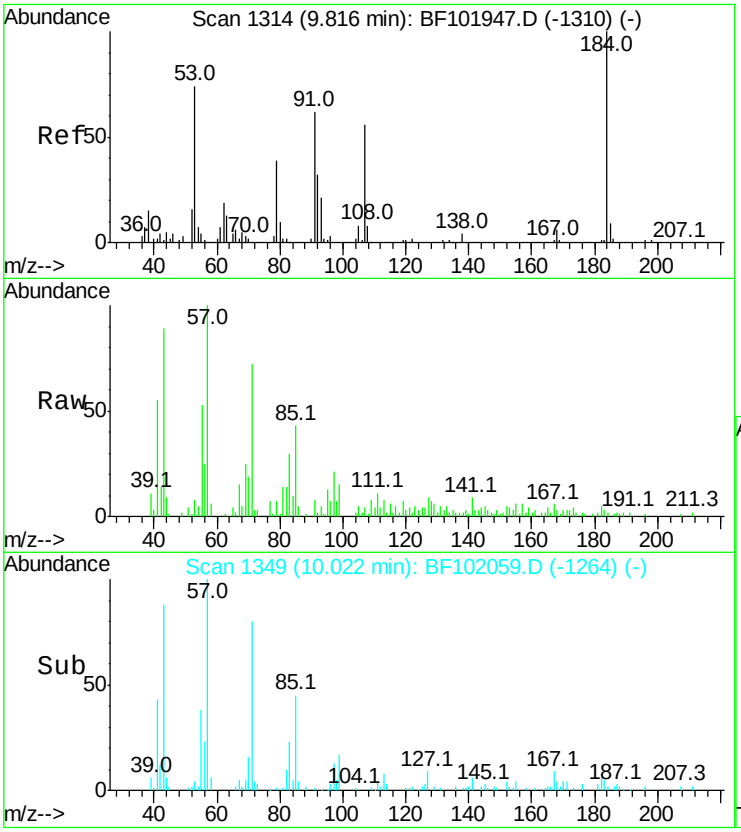


#49
Dimethylphthalate
Concen: 7.577 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:163 Resp: 197633

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.5	8.2	12.2



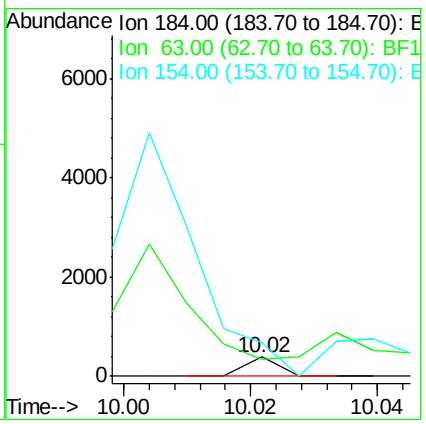


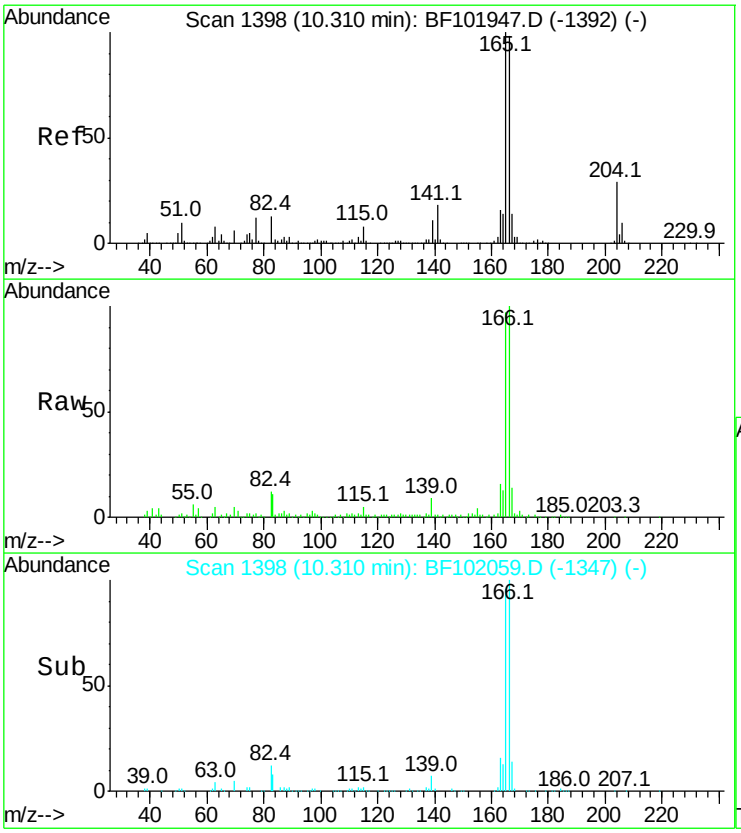
#53
2,4-Dinitrophenol
Concen: 8.720 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.20 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 138

Ion	Ratio	Lower	Upper
184	100		
63	86.7	54.2	81.2#
154	175.0	184.0	276.0#

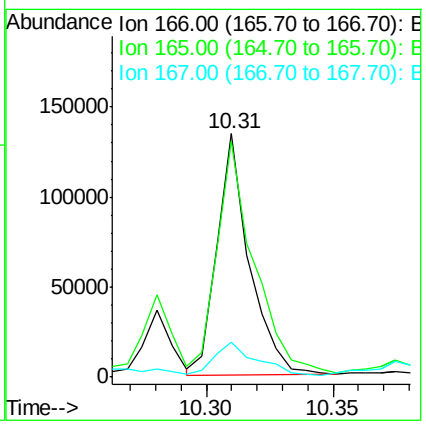


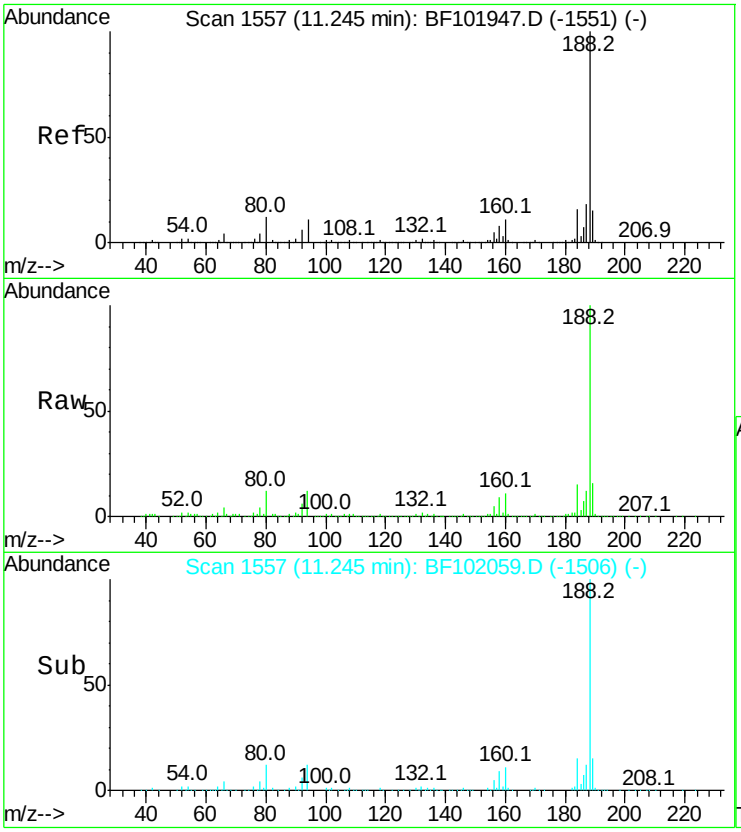


#57
Fluorene
Concen: 5.828 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:166 Resp: 118697

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	14.2	10.6	16.0



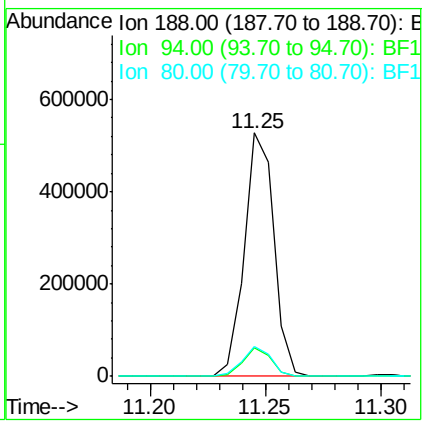


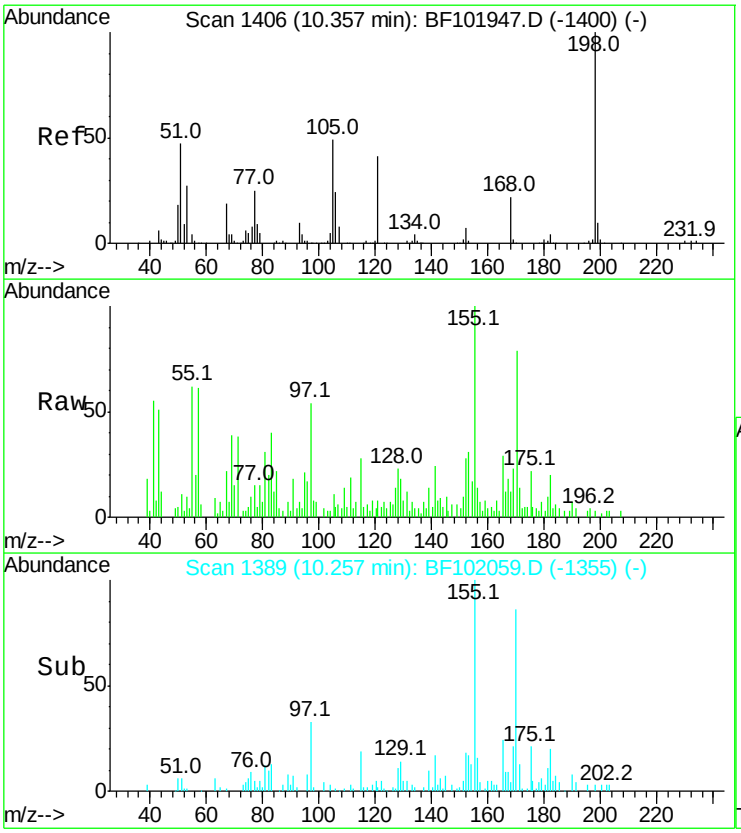
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 472801

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.0	9.2	13.8

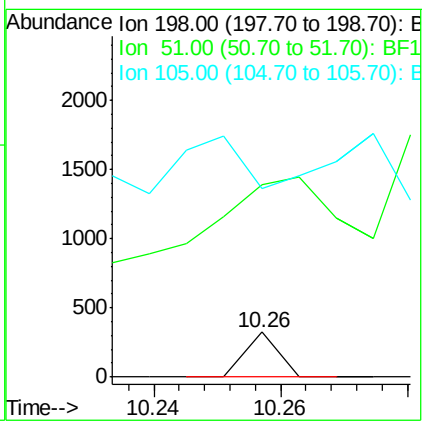


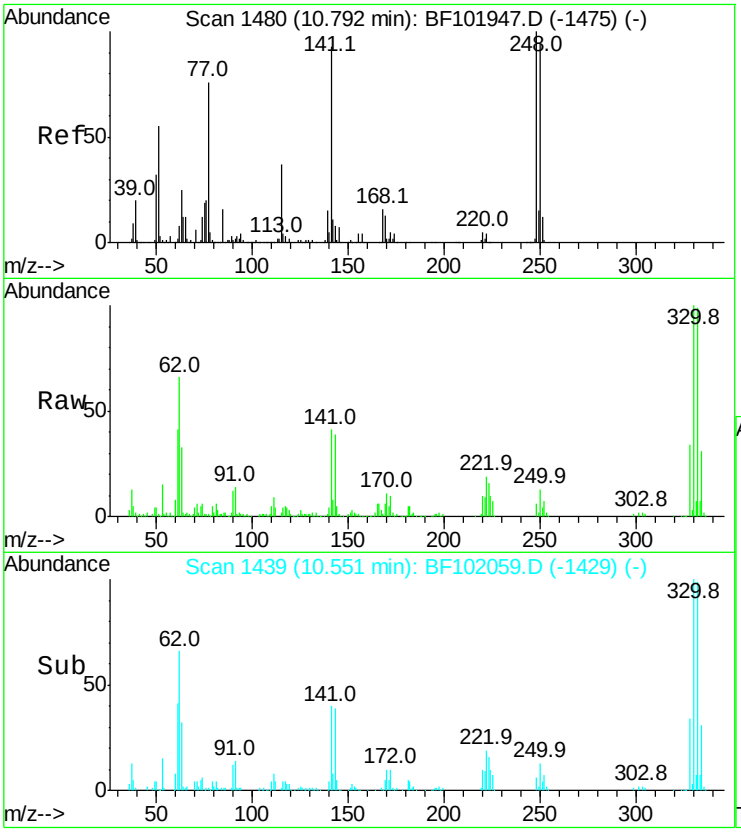


#64
4,6-Dinitro-2-methylphenol
Concen: 5.702 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.10 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:198 Resp: 115

Ion	Ratio	Lower	Upper
198	100		
51	427.0	37.7	77.7#
105	417.2	36.3	76.3#



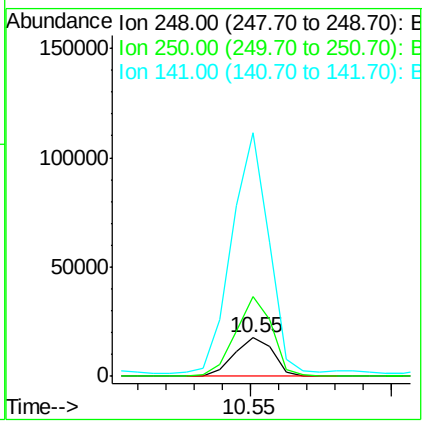


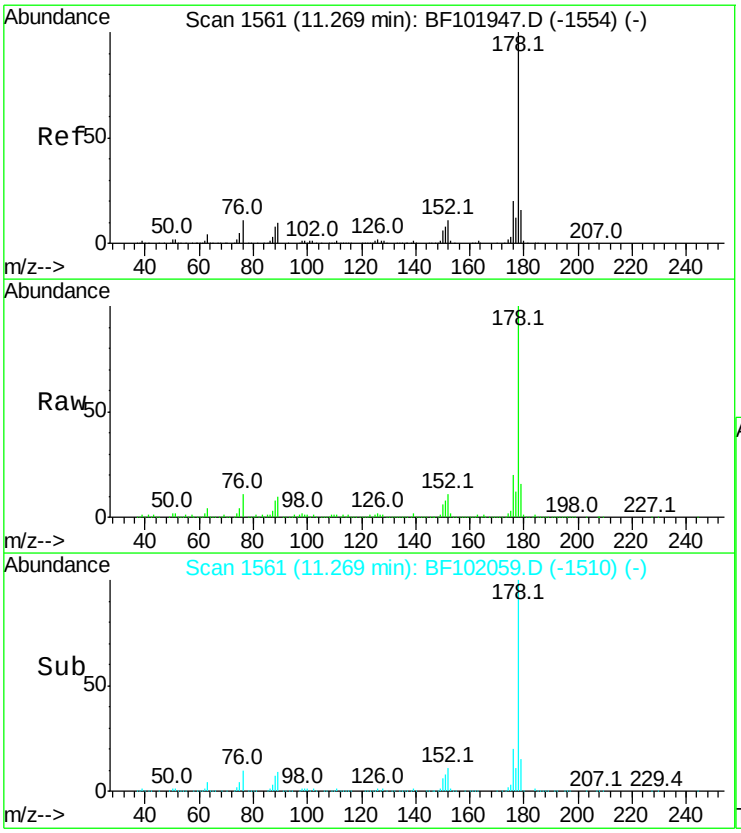
#66
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16862

Ion	Ratio	Lower	Upper
248	100		
250	209.9	76.9	115.3#
141	636.9	74.4	111.6#

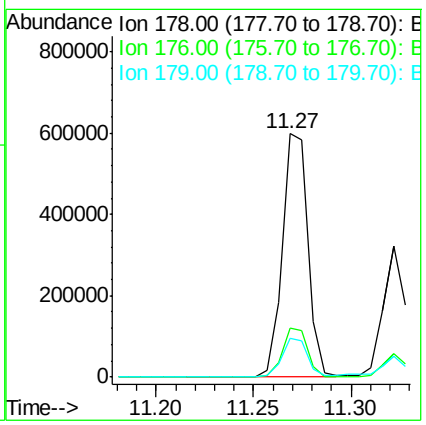


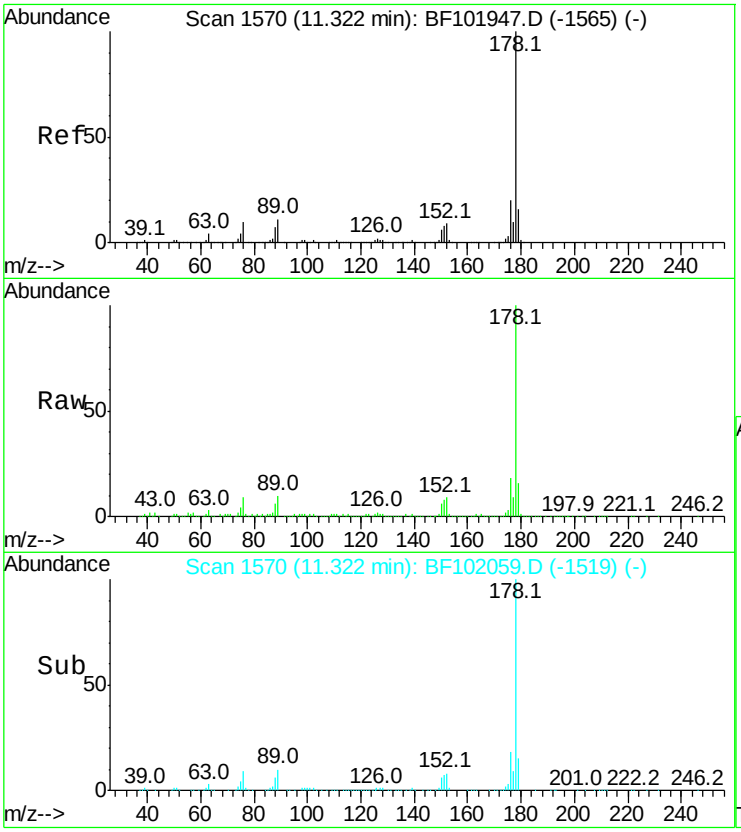


#70
Phenanthrene
Concen: 19.528 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:178 Resp: 539321

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.1	13.0	19.6



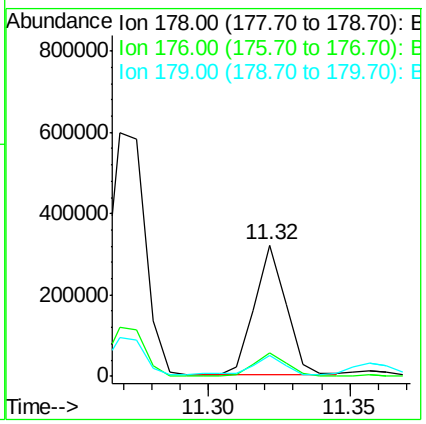


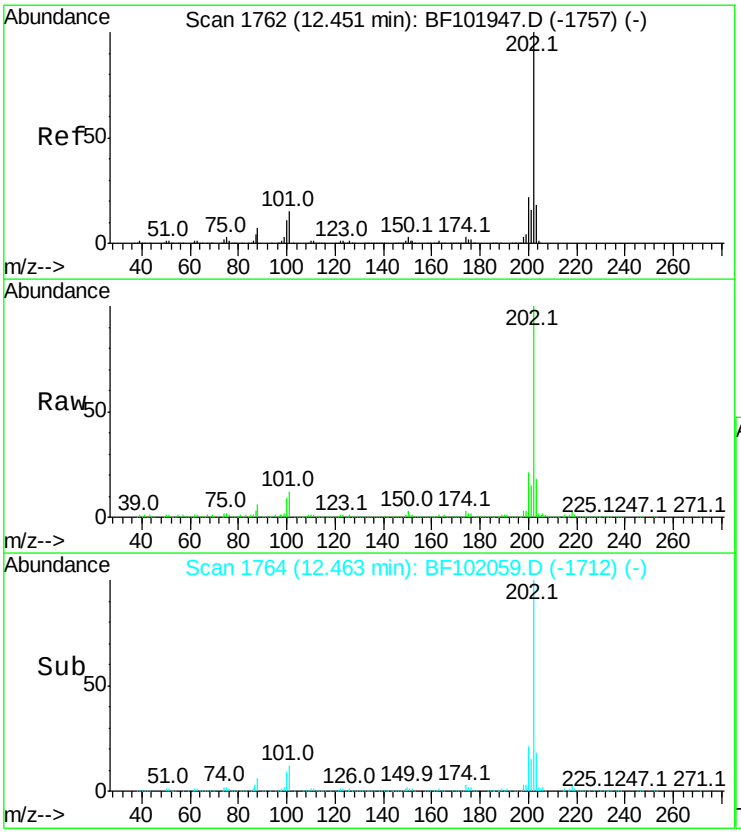
#71
Anthracene
Concen: 8.957 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 250877

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.6	12.6	19.0

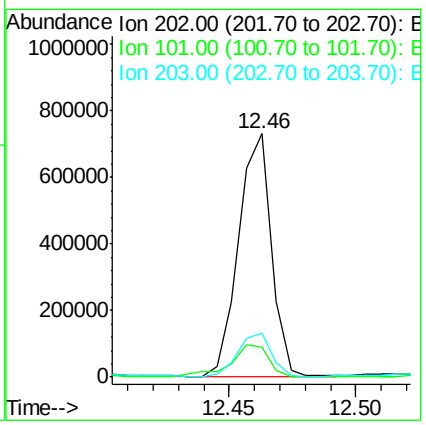


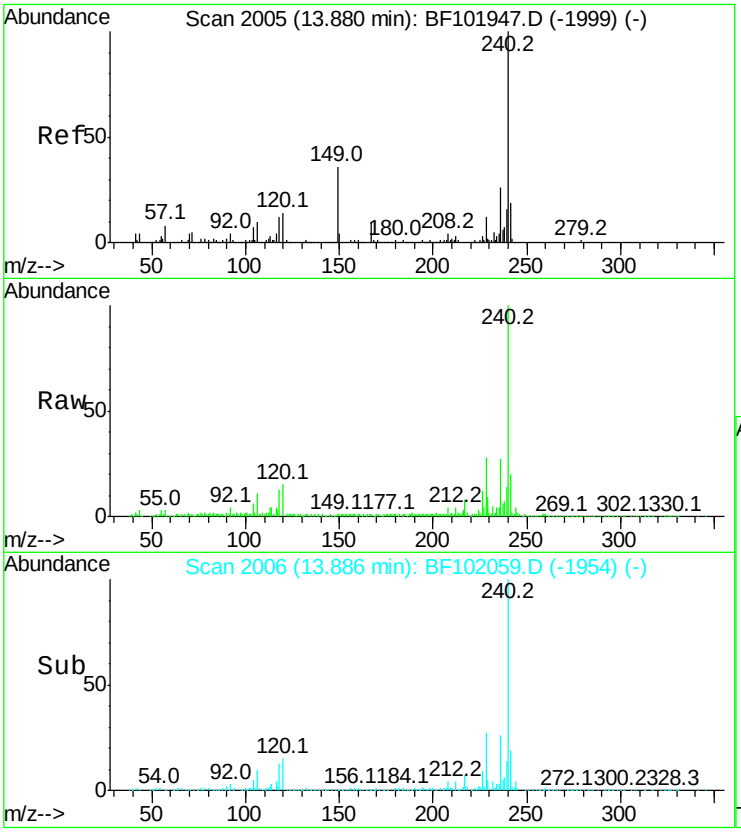


#74
Fluoranthene
Concen: 24.123 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:202 Resp: 655464

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.8	0.0	38.1



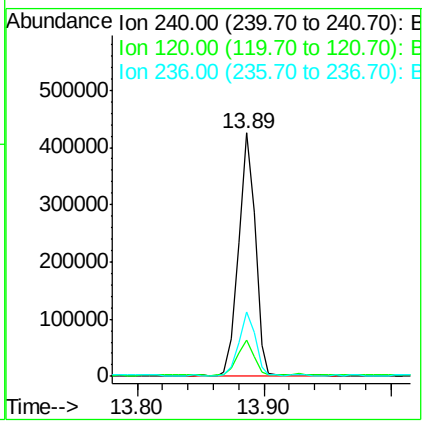


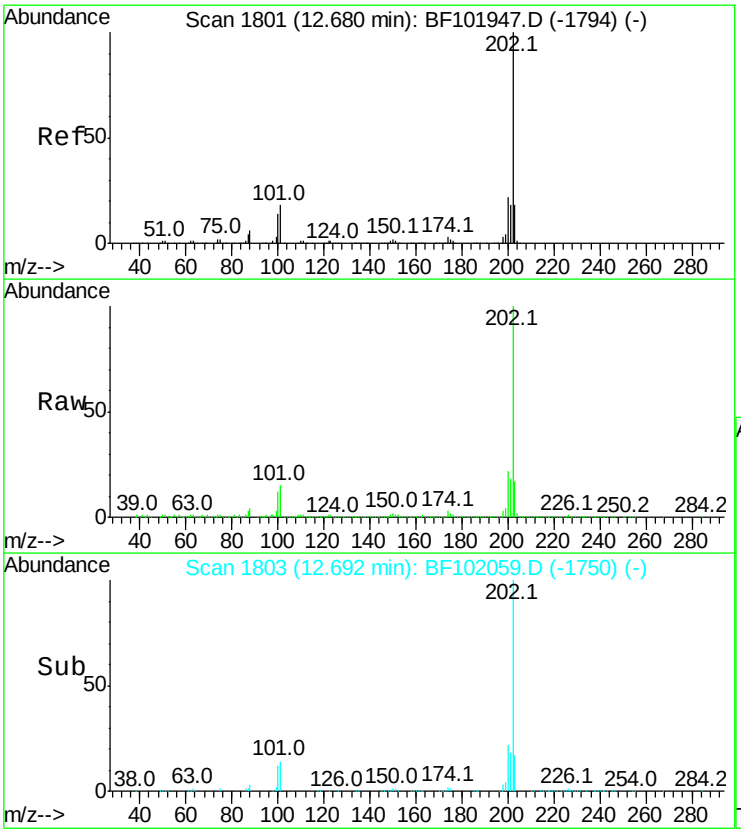
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 384154

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.5	20.7	31.1

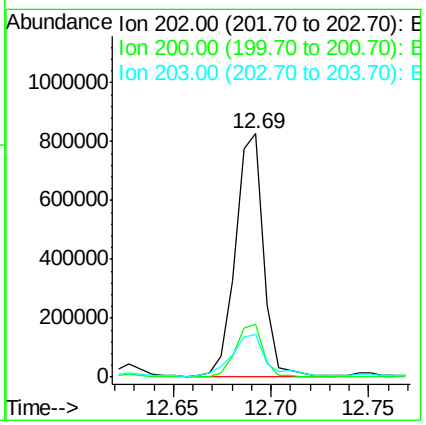


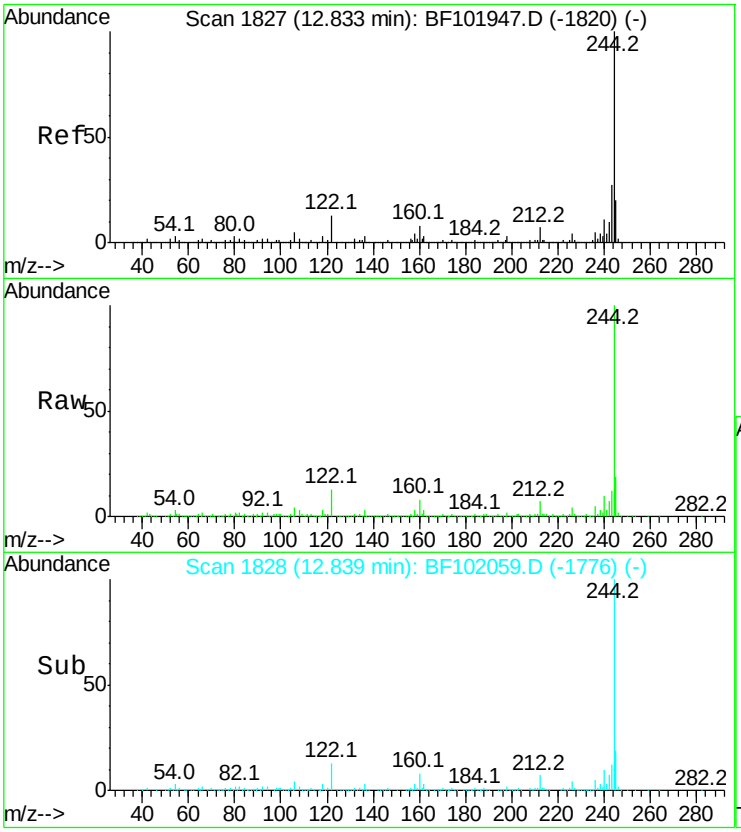


#77
Pyrene
Concen: 23.949 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:202 Resp: 813223

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.5	14.3	21.5



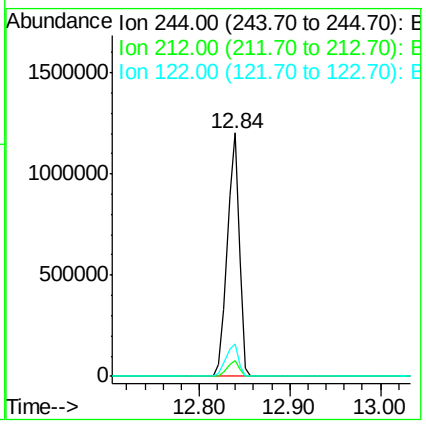


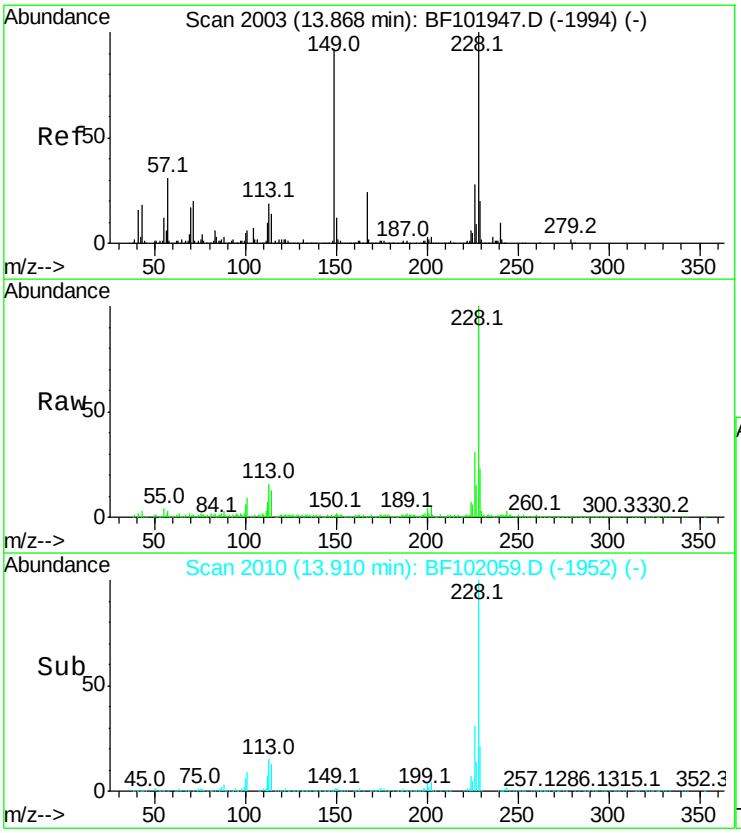
#78
Terphenyl-d14
Concen: 59.610 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1102917

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4

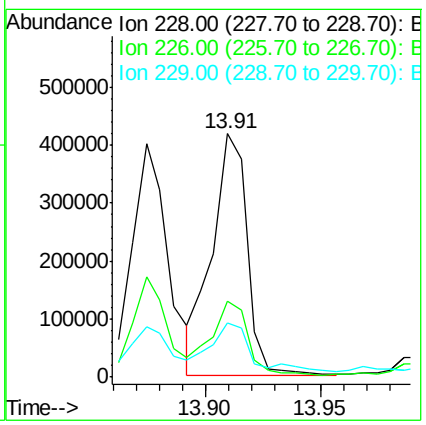


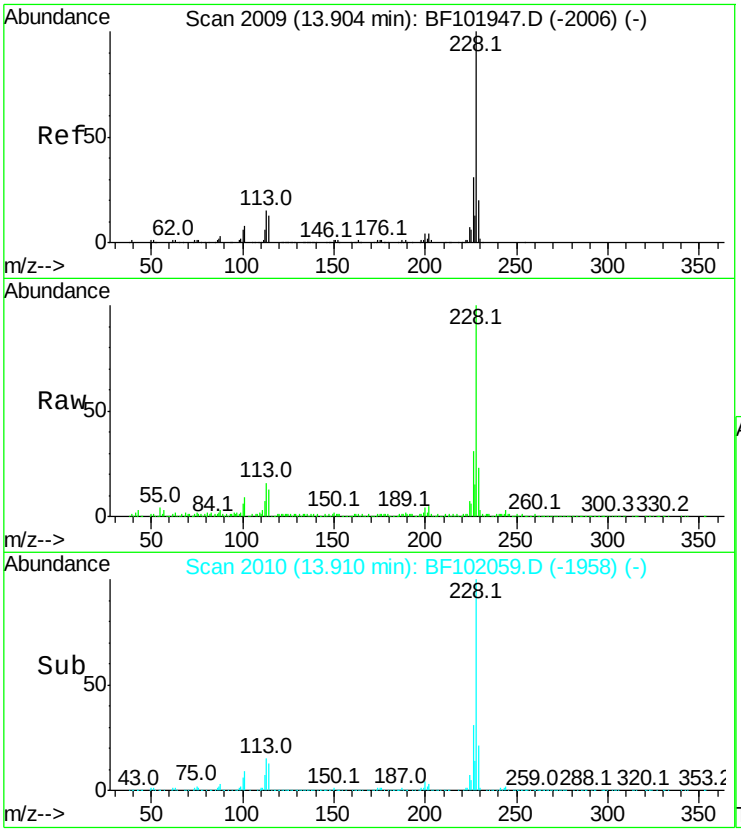


#80
Benzo(a)anthracene
Concen: 17.889 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:228 Resp: 438472

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	22.5	15.8	23.6



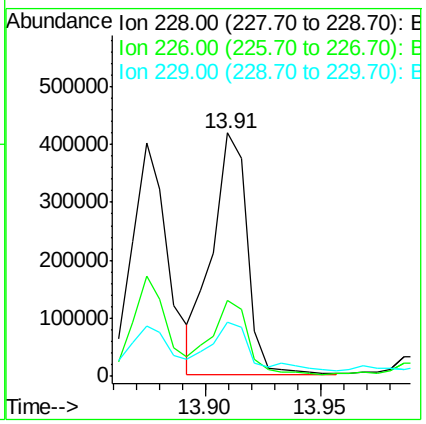


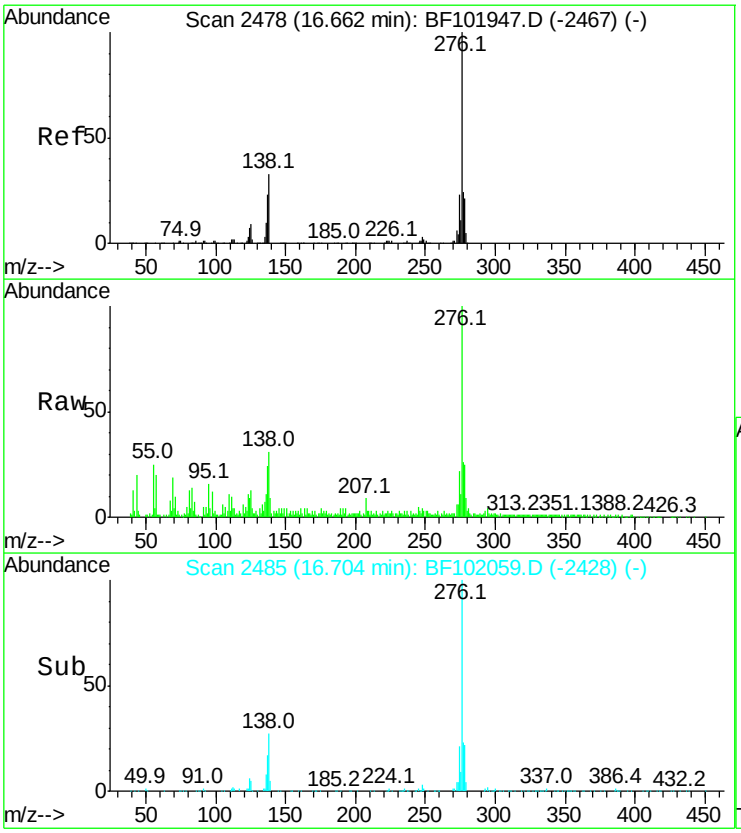
#82
Chrysene
Concen: 17.156 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 438472

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.5	16.2	24.4

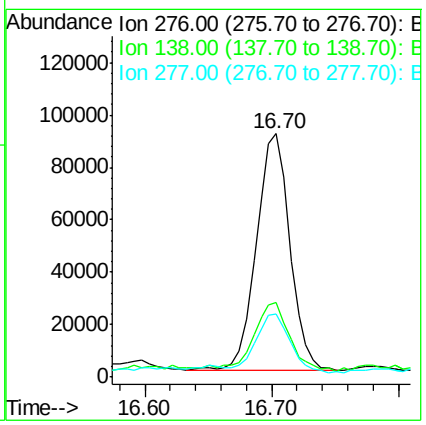


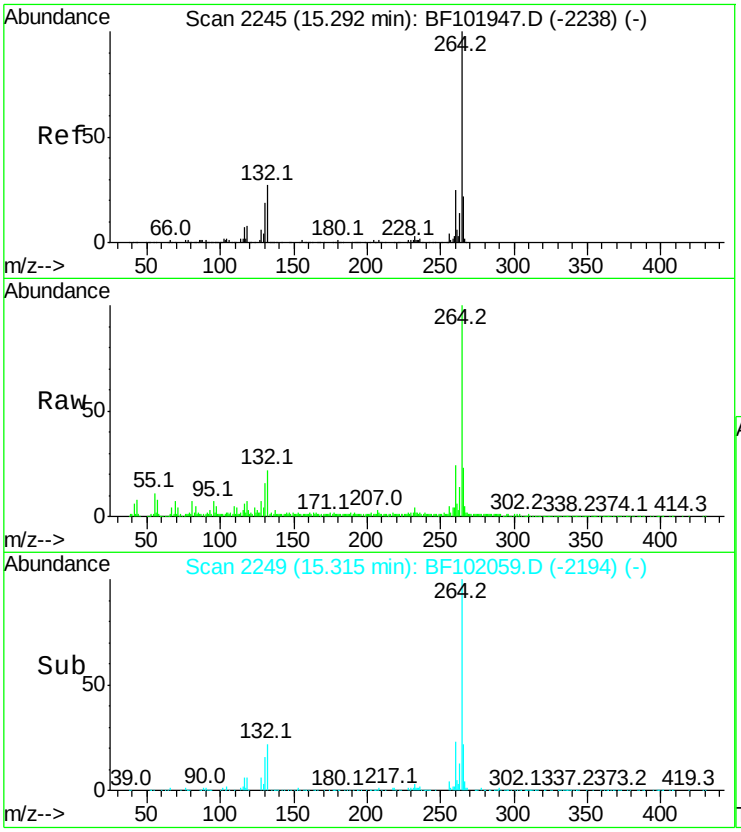


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.932 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.04 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:276 Resp: 166149

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.0	37.6
277	25.4	20.1	30.1



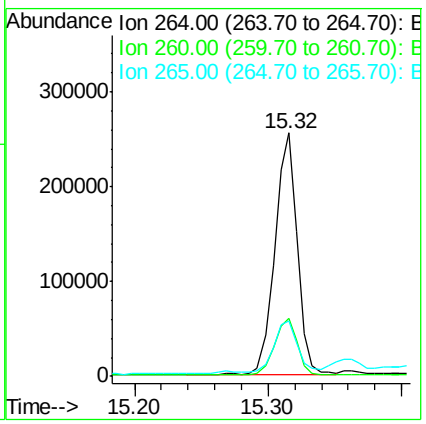


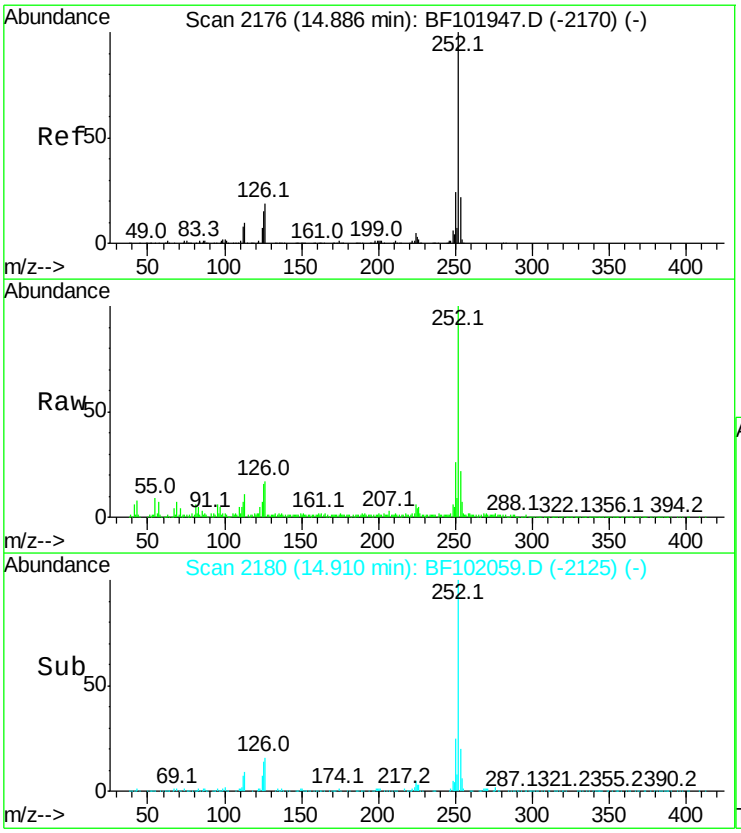
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 302834

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.9	17.5	26.3

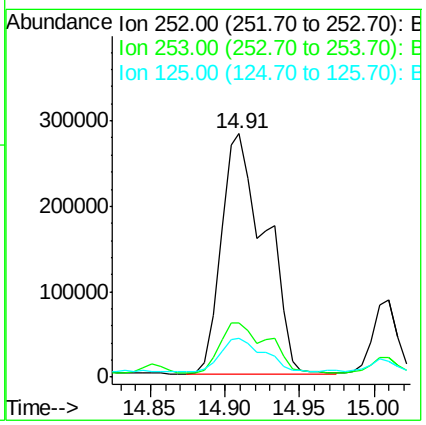


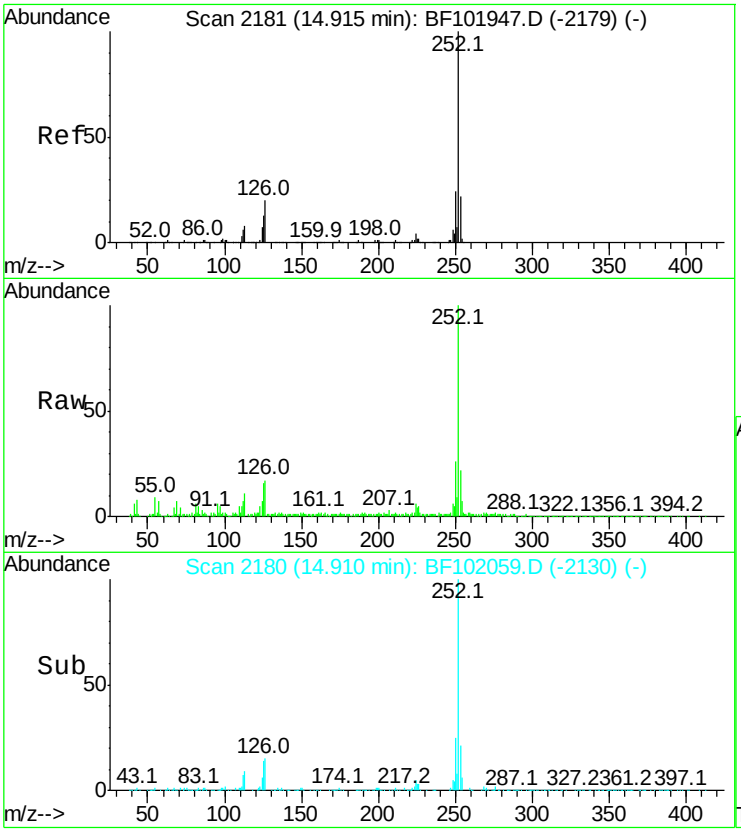


#87
Benzo(b)fluoranthene
Concen: 29.468 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:252 Resp: 581863

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	16.2	9.0	13.6#



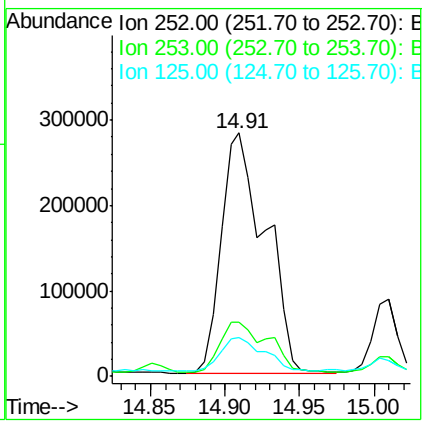


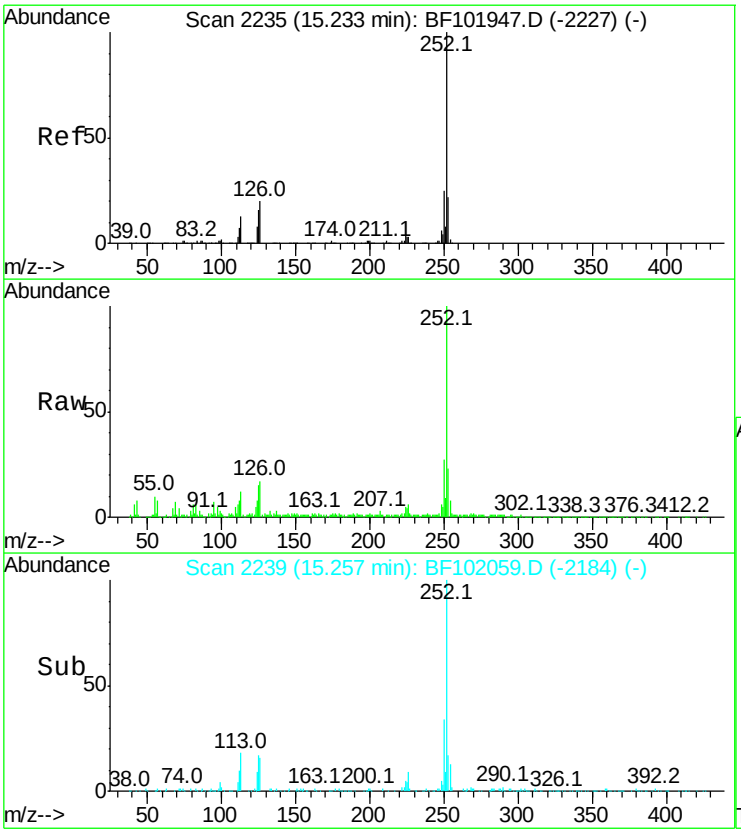
#88
Benzo(k)fluoranthene
Concen: 30.547 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 581863

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	16.2	10.2	15.2#

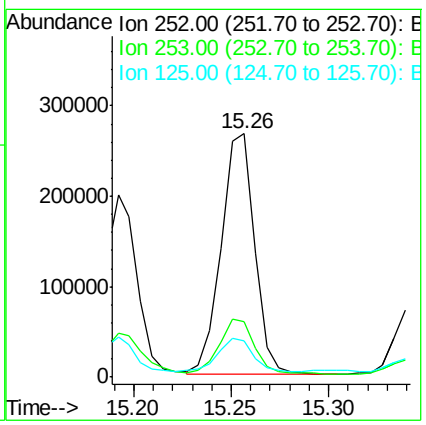


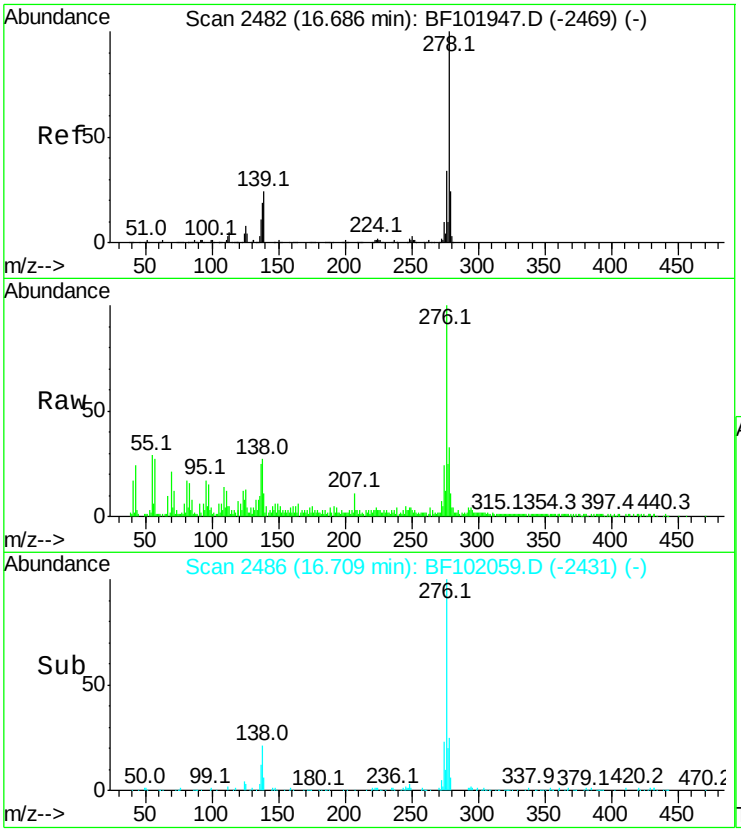


#89
Benzo(a)pyrene
Concen: 17.849 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:252 Resp: 317144

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	14.9	9.8	14.6#



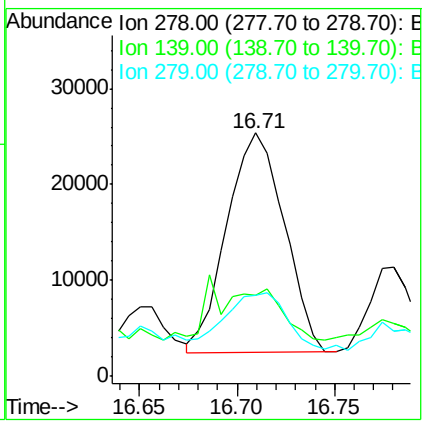


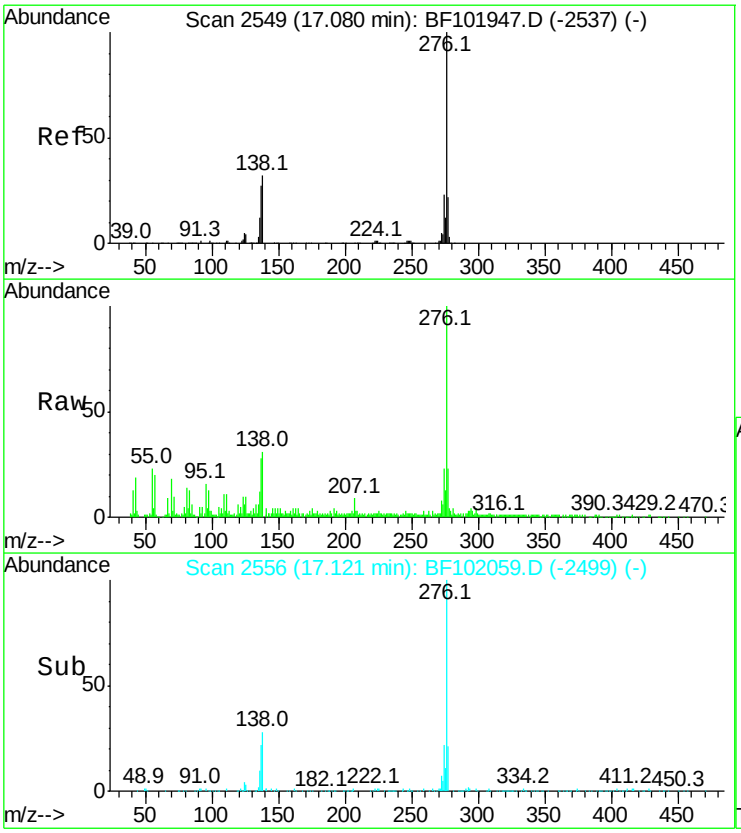
#90
Dibenzo(a,h)anthracene
Concen: 3.293 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 46690

Ion	Ratio	Lower	Upper
278	100		
139	33.5	15.9	23.9#
279	33.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.355 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.04 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:276 Resp: 176471

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	30.9	21.8	32.8