Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107723.D
Acq On : 27 Jul 2018 1:53
Operator : JU/SJ
Sample : J4121-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 06:04:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	192987	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	793843	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	353642	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	603459	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	446871	20.00	ng		-0.02
86) Perylene-d12	15.68	264	490175	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1068128	88.99	ng		-0.01
7) Phenol-d6	6.60	99	1392389	96.61	ng		-0.02
23) Nitrobenzene-d5	7.52	82	874719	74.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	394831	98.18	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1635438	77.23	ng		-0.02
78) Terphenyl-d14	13.08	244	1226963	70.29	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	109870	11.800	ng	#	78
25) Isophorone	7.52	82	874719	34.828	ng	#	64
49) Dimethylphthalate	9.71	163	144775	5.432	ng		99
53) 2,4-Dinitrophenol	10.28	184	107	8.339	ng	#	12
64) 4,6-Dinitro-2-methylphenol	10.60	198	115	8.713	ng	#	1
70) Phenanthrene	11.52	178	185778	6.318	ng		98
71) Anthracene	11.57	178	67045	2.264	ng		99
73) Di-n-butylphthalate	12.04	149	5865	Below Cal		#	76
74) Fluoranthene	12.71	202	340699	10.797	ng		96
77) Pyrene	12.94	202	515804	16.875	ng		97
80) Benzo(a)anthracene	14.14	228	237670	9.076	ng		91
81) 3,3'-Dichlorobenzidine	14.11	252	979	Below Cal		#	81
82) Chrysene	14.17	228	286052	11.371	ng		97
87) Benzo(b)fluoranthene	15.22	252	287837	10.729	ng		95
88) Benzo(k)fluoranthene	15.22	252	287837	10.952	ng		98
89) Benzo(a)pyrene	15.61	252	196180	7.995	ng		98
91) Benzo(g,h,i)perylene	17.71	276	78665	3.760	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107723.D
Acq On : 27 Jul 2018 1:53
Operator : JU/SJ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
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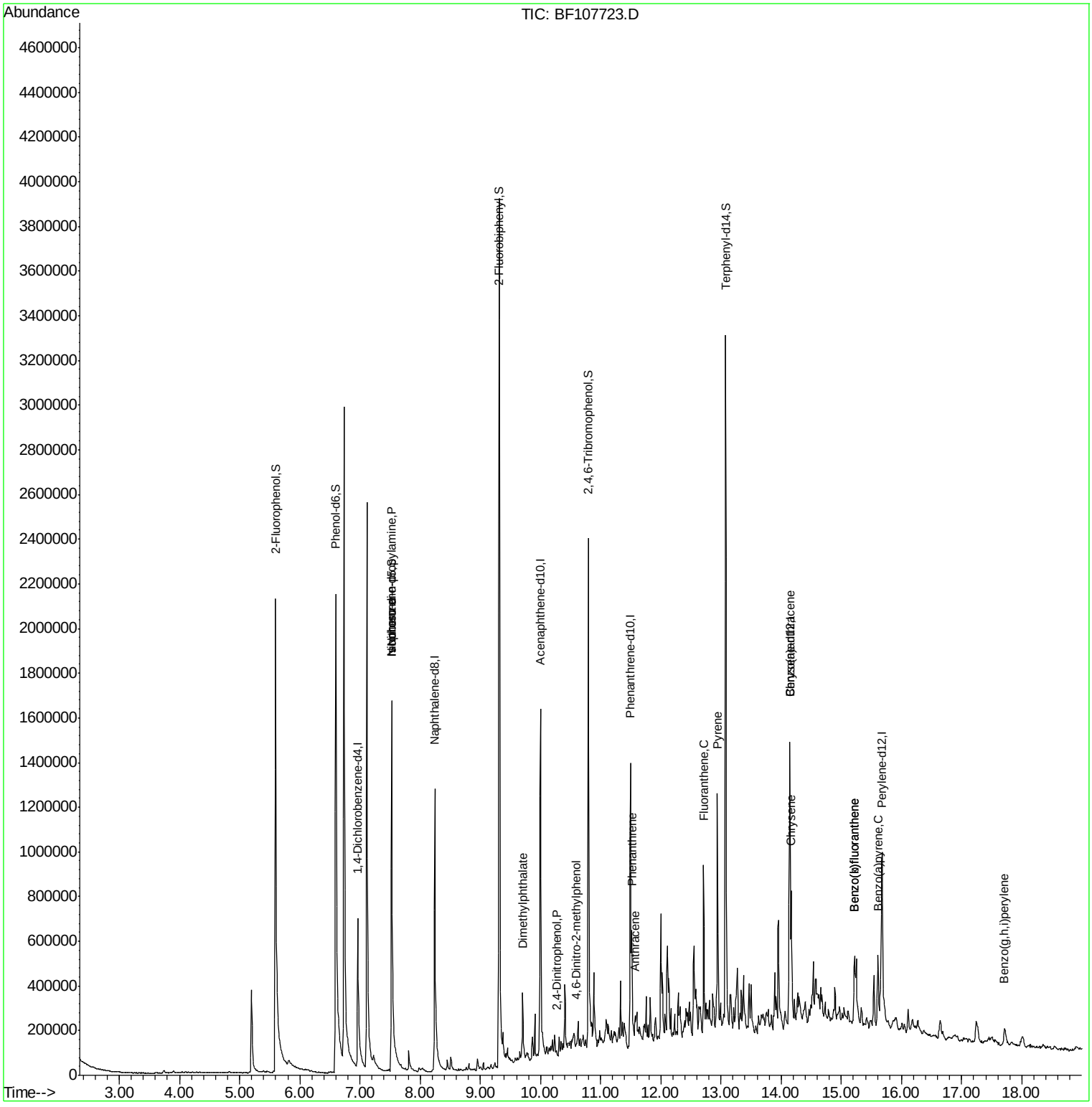
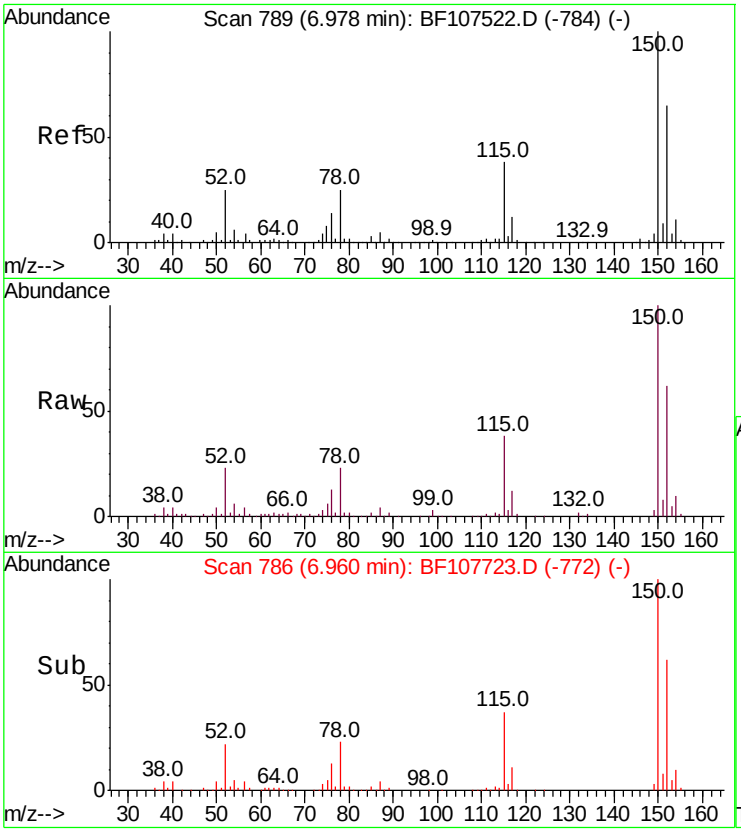
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



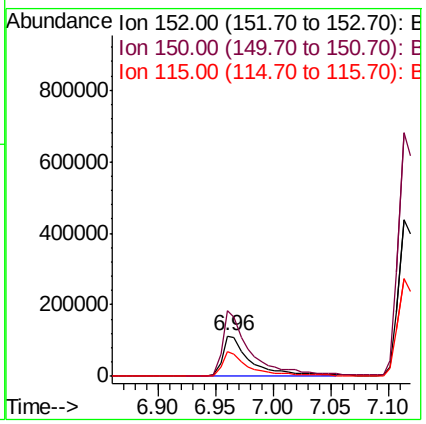


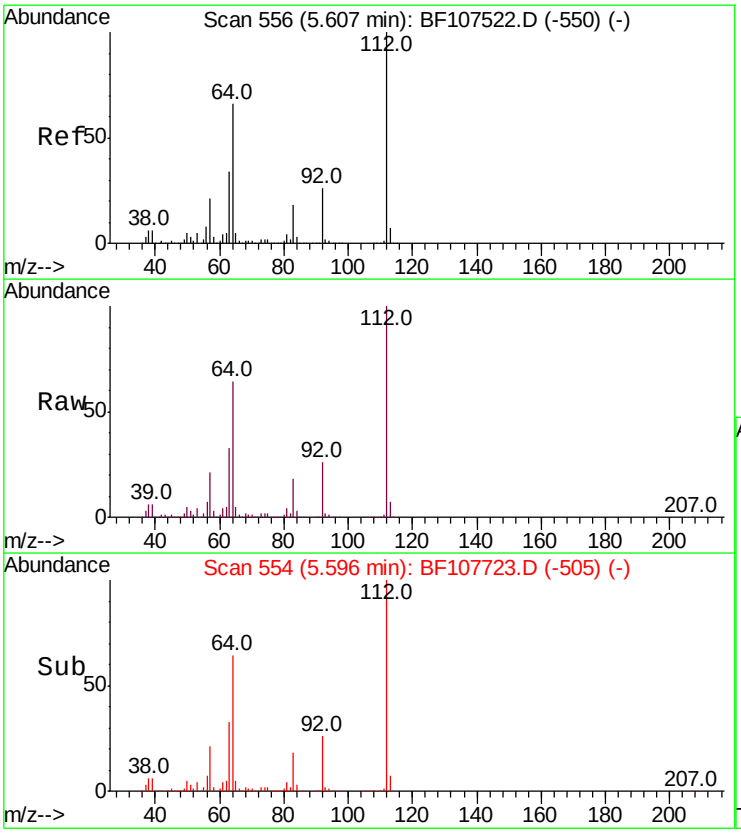
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 192987

Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	61.0	50.1	75.1

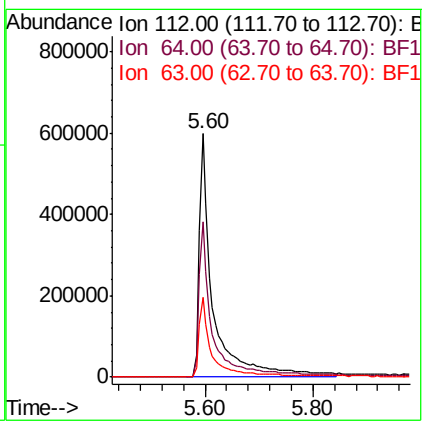


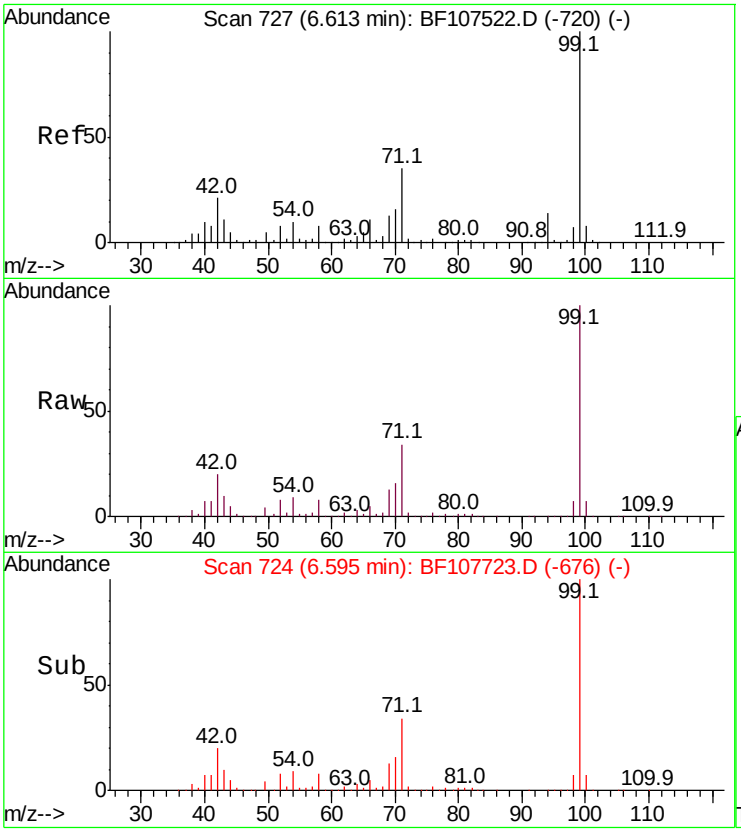


#5
2-Fluorophenol
Concen: 88.988 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:112 Resp: 1068128

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.8	23.7	35.5



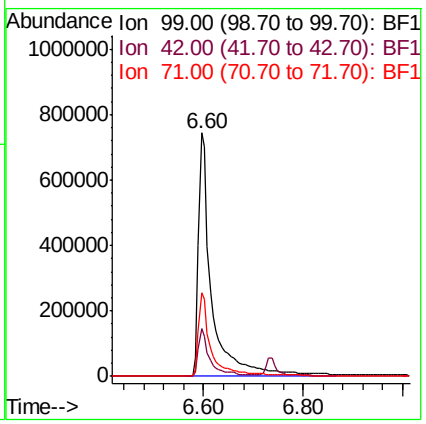


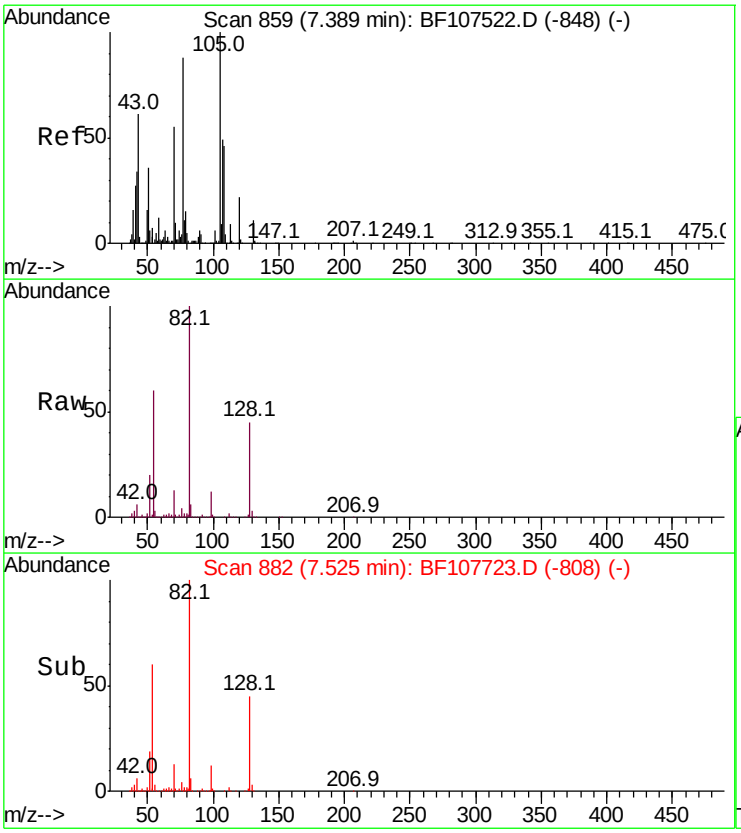
#7
Phenol-d6
Concen: 96.609 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1392389

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.4	25.4	38.0

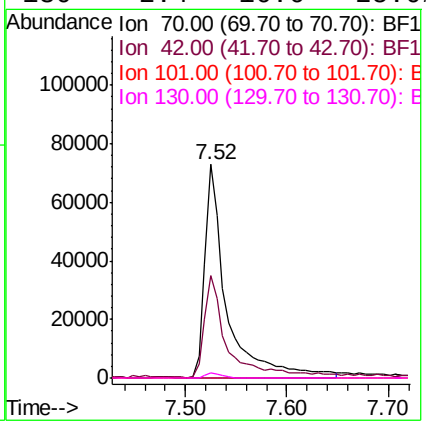


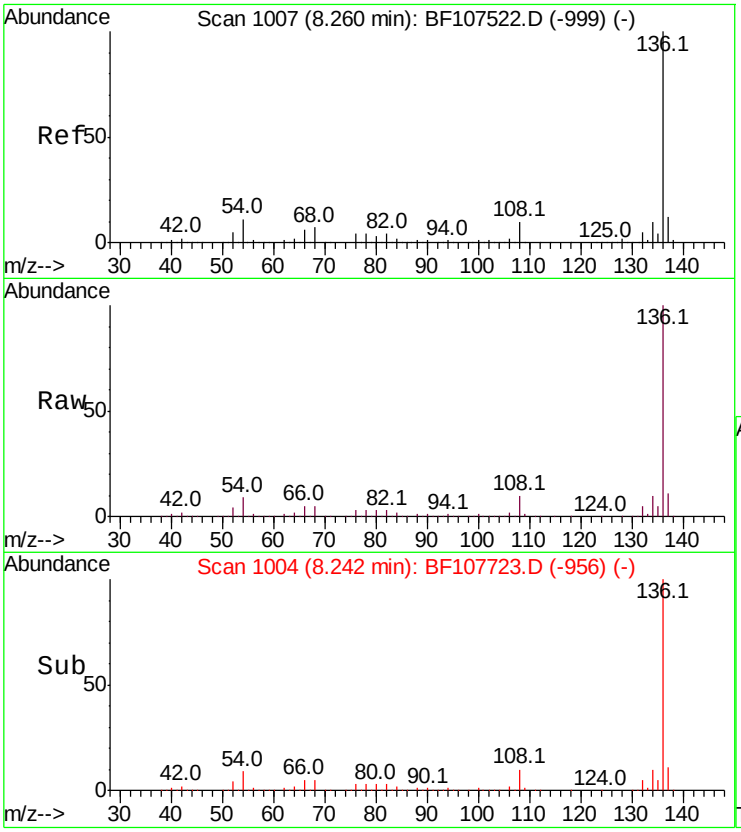


#19
n-Nitroso-di-n-propylamine
Concen: 11.800 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion: 70 Resp: 109870

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



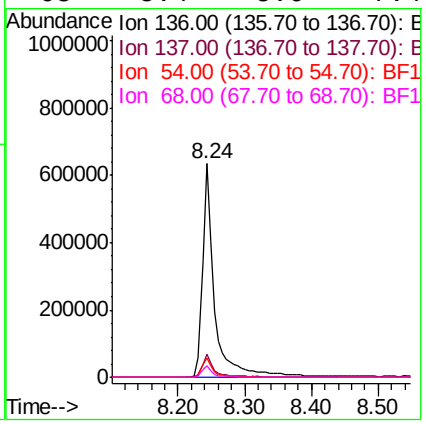


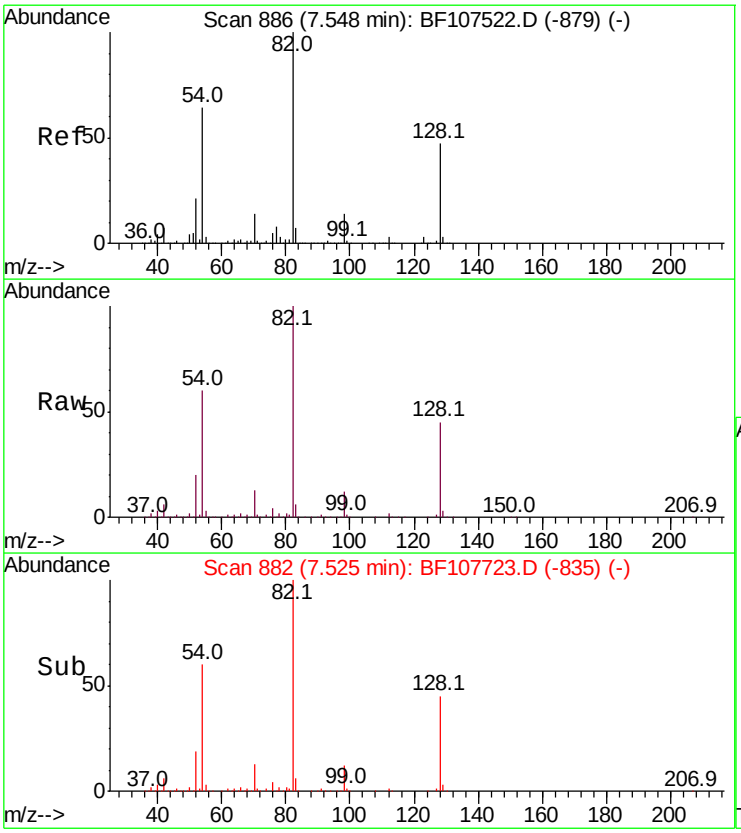
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 793843

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.1	6.6	9.8
68	5.4	5.0	7.4

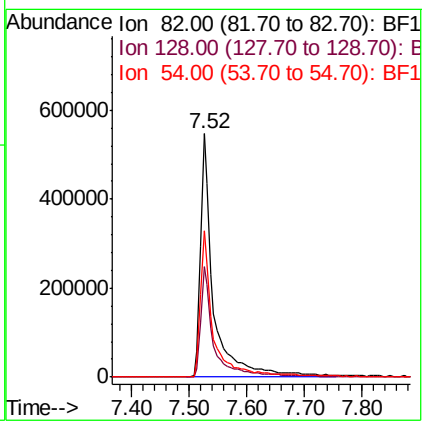


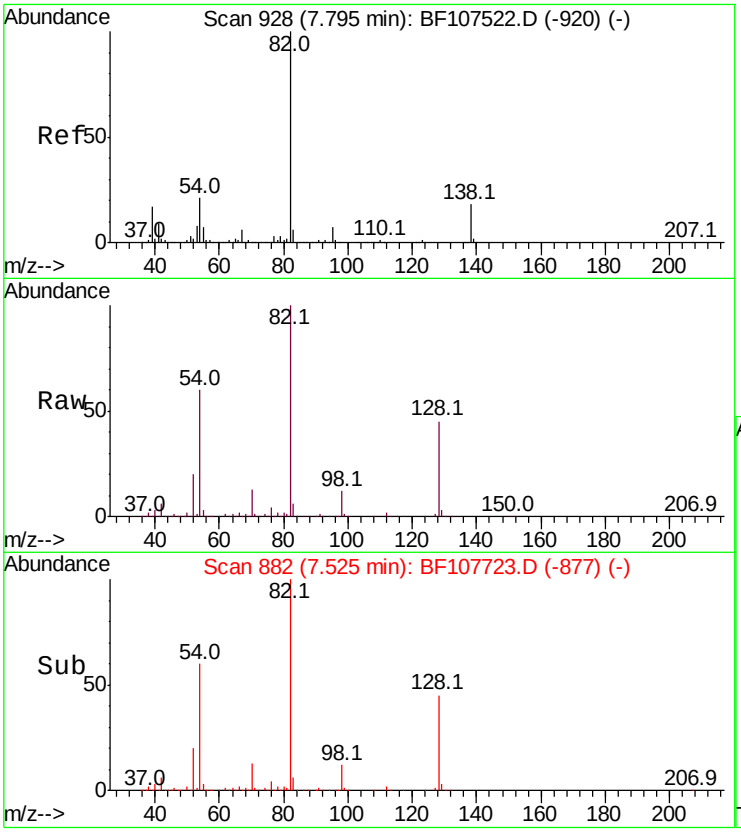


#23
Nitrobenzene-d5
Concen: 74.363 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion: 82 Resp: 874719

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	60.0	41.4	62.2



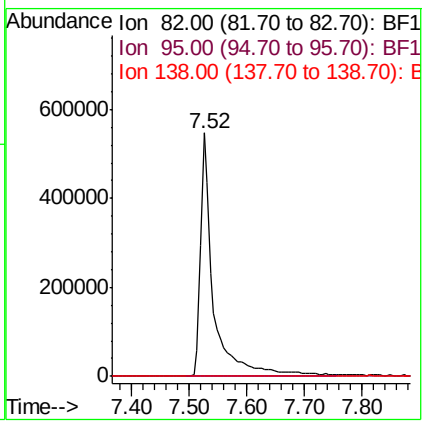


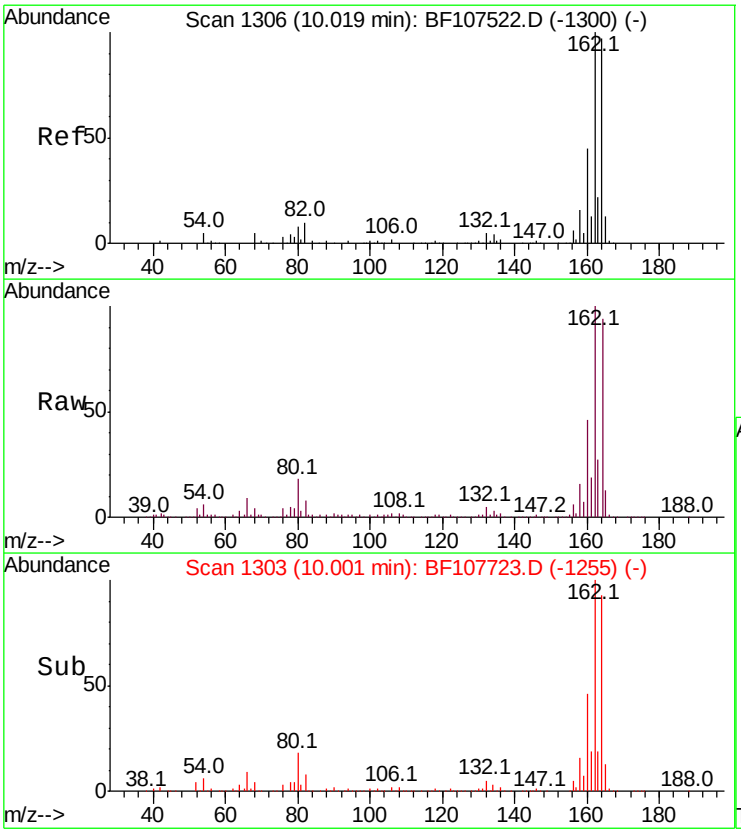
#25
Isophorone
Concen: 34.828 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 874719

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

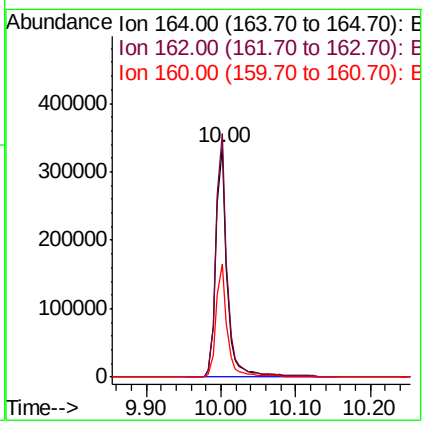


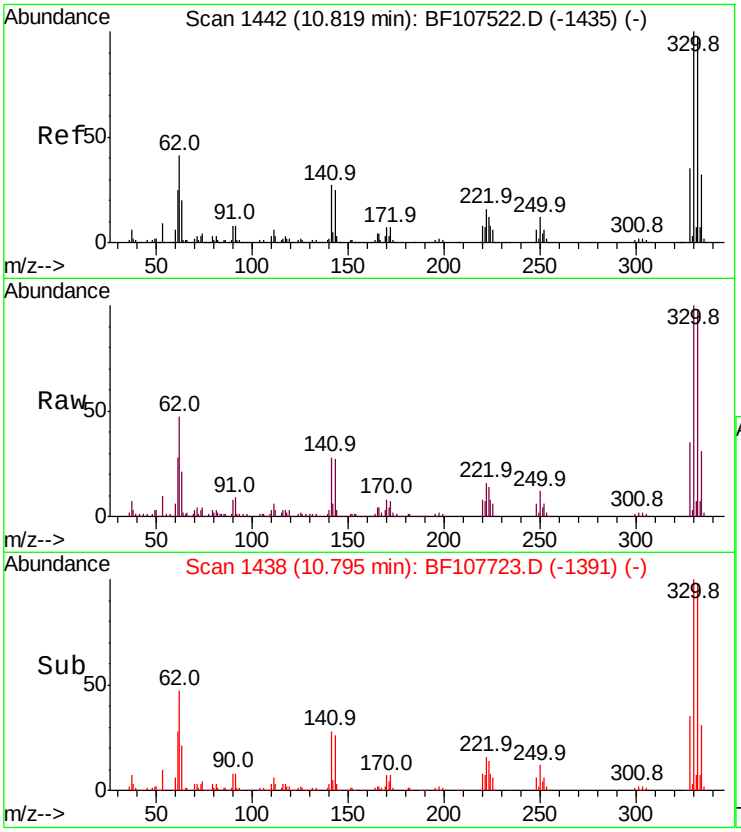


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:164 Resp: 353642

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	49.2	38.3	57.5



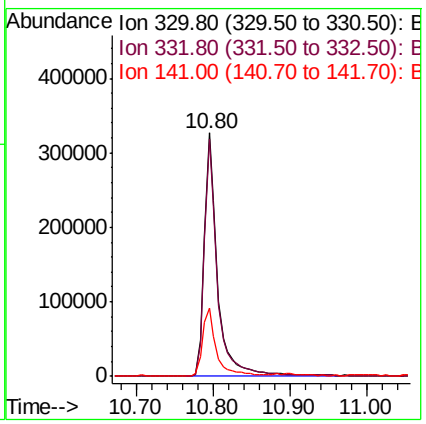


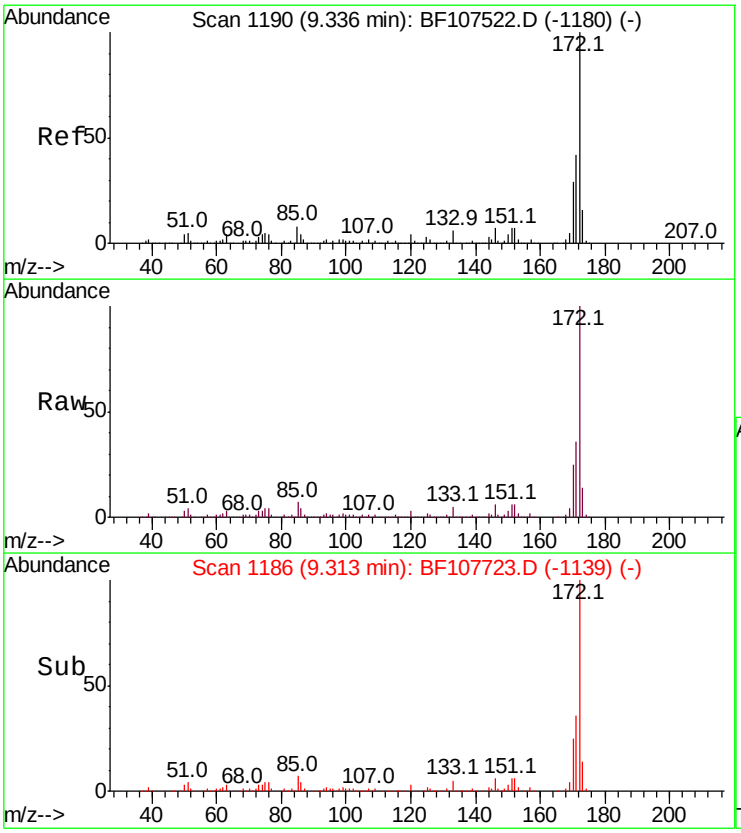
#41
2,4,6-Tribromophenol
Concen: 98.181 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 394831

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	28.2	29.9	44.9#

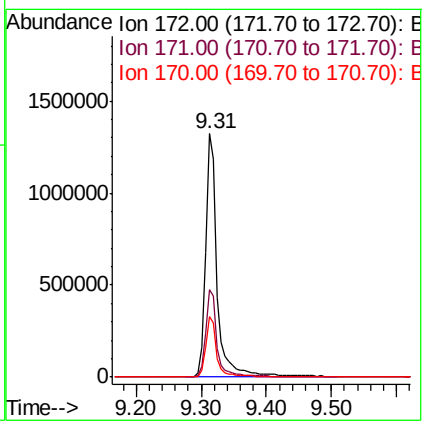


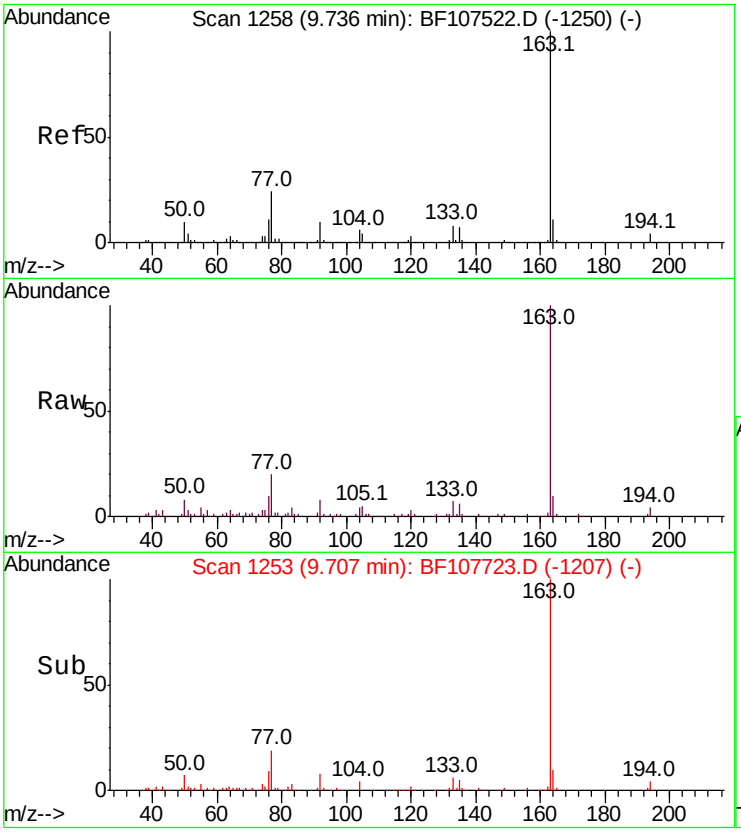


#44
2-Fluorobiphenyl
Concen: 77.227 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:172 Resp: 1635438

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4



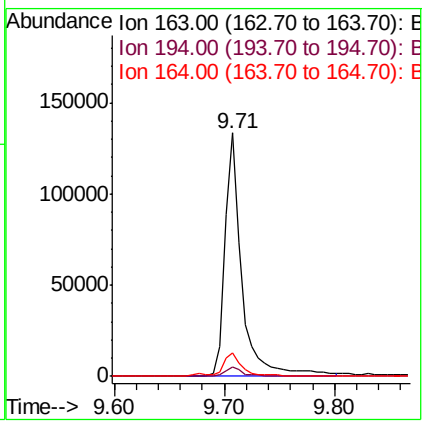


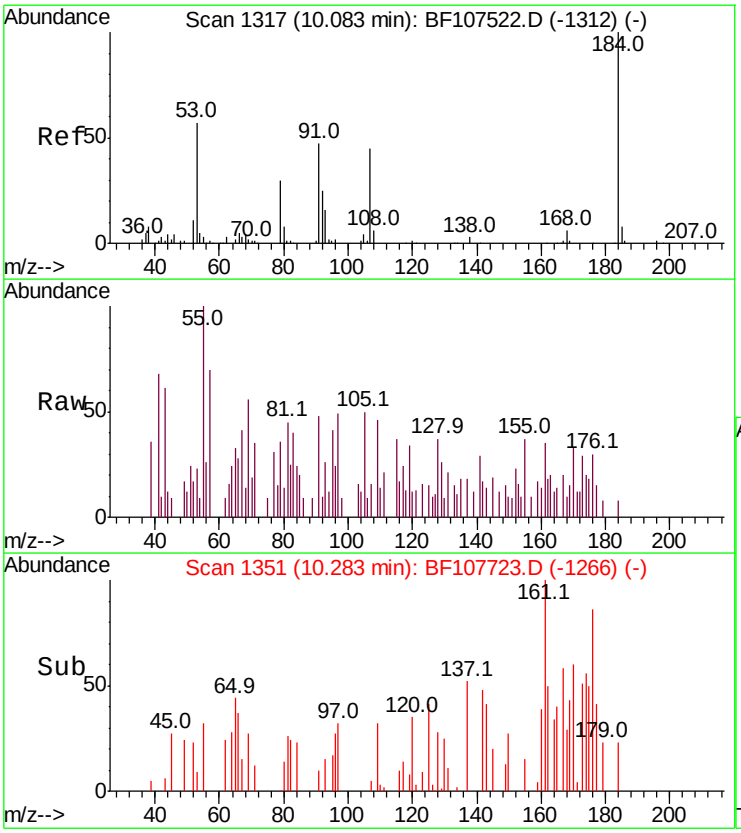
#49
Dimethylphthalate
Concen: 5.432 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 144775

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

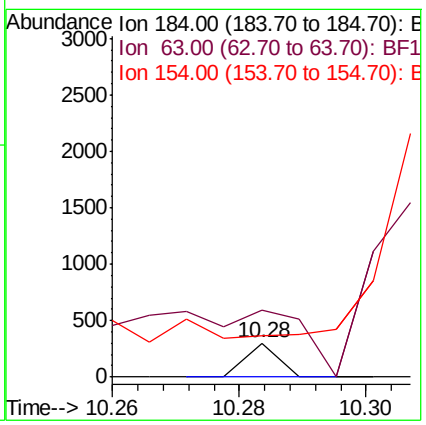


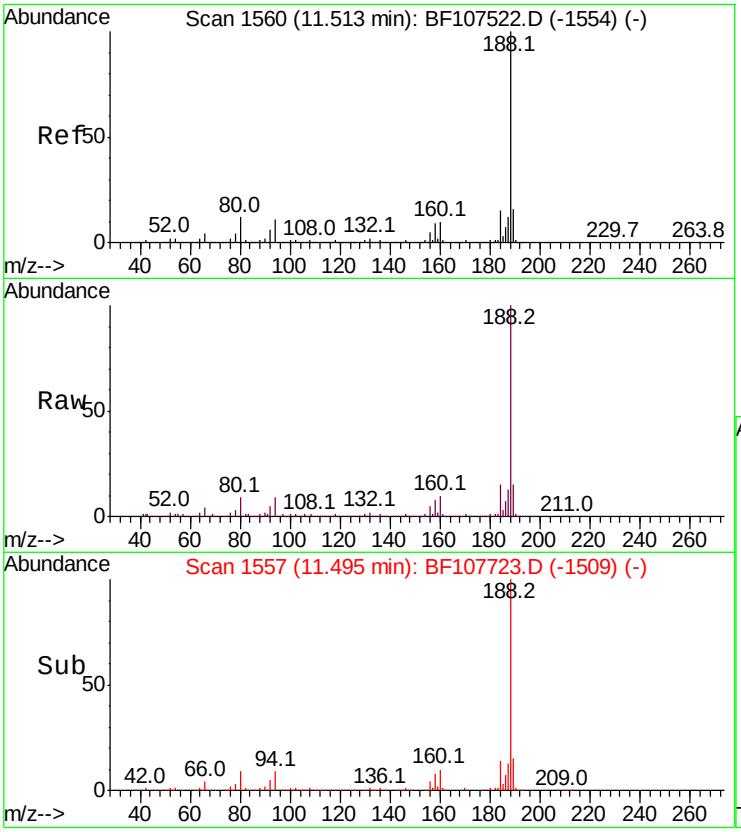


#53
2,4-Dinitrophenol
Concen: 8.339 ng
RT: 10.28 min Scan# 1351
Delta R.T. 0.20 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	197.0	54.2	81.2#
154	120.5	184.0	276.0#



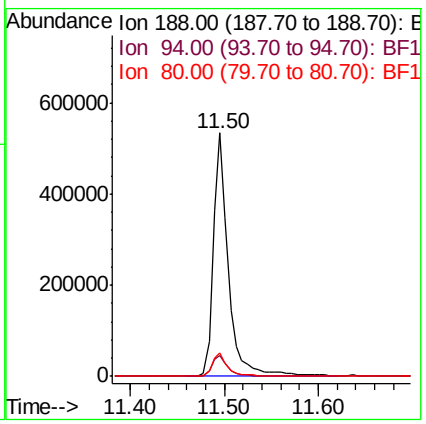


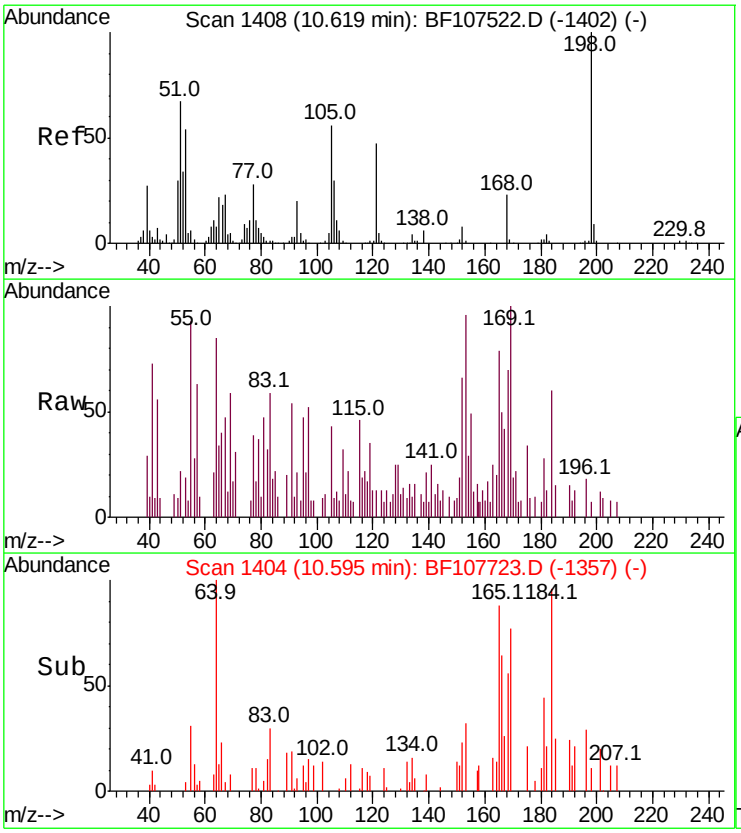
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 603459

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8

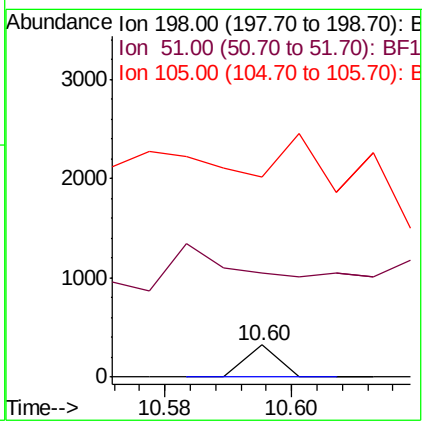


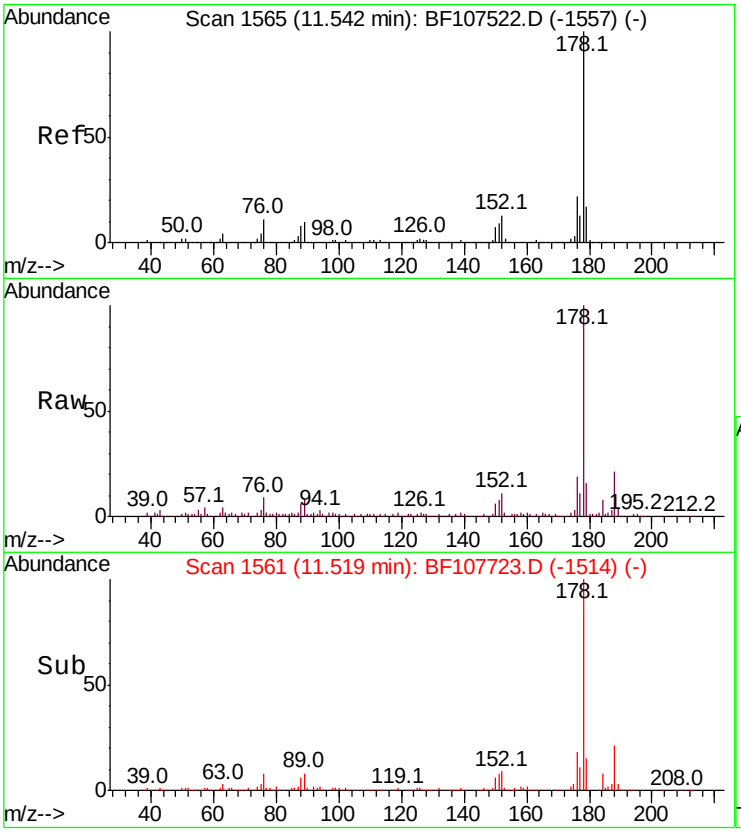


#64
4,6-Dinitro-2-methylphenol
Concen: 8.713 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:198 Resp: 115

Ion	Ratio	Lower	Upper
198	100		
51	323.1	37.7	77.7#
105	621.2	36.3	76.3#



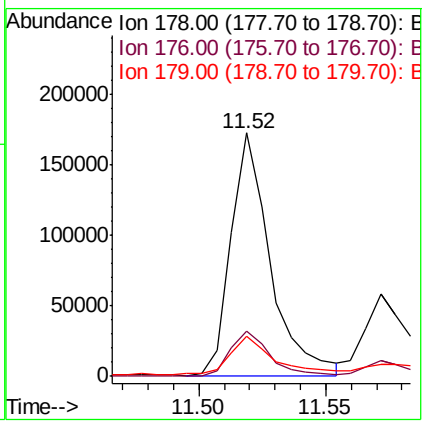


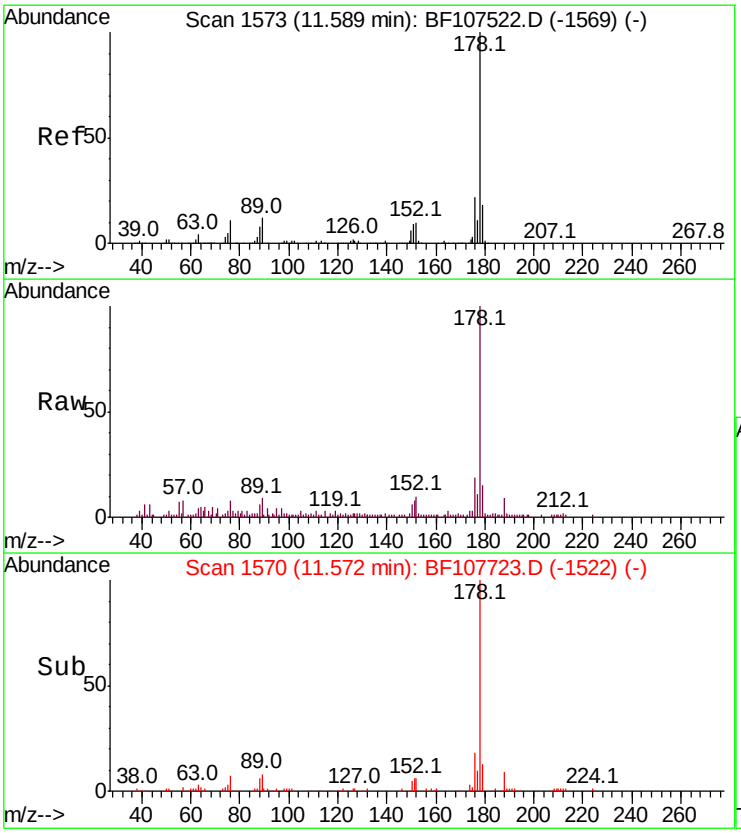
#70
Phenanthrene
Concen: 6.318 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 185778

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.3	13.0	19.6

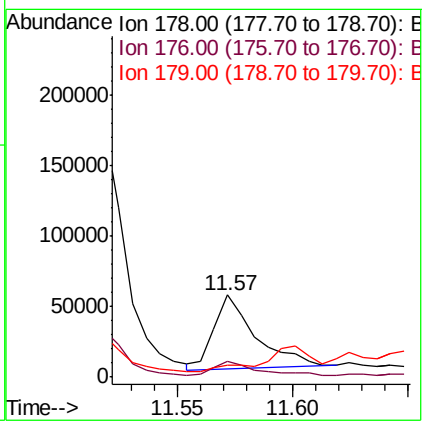


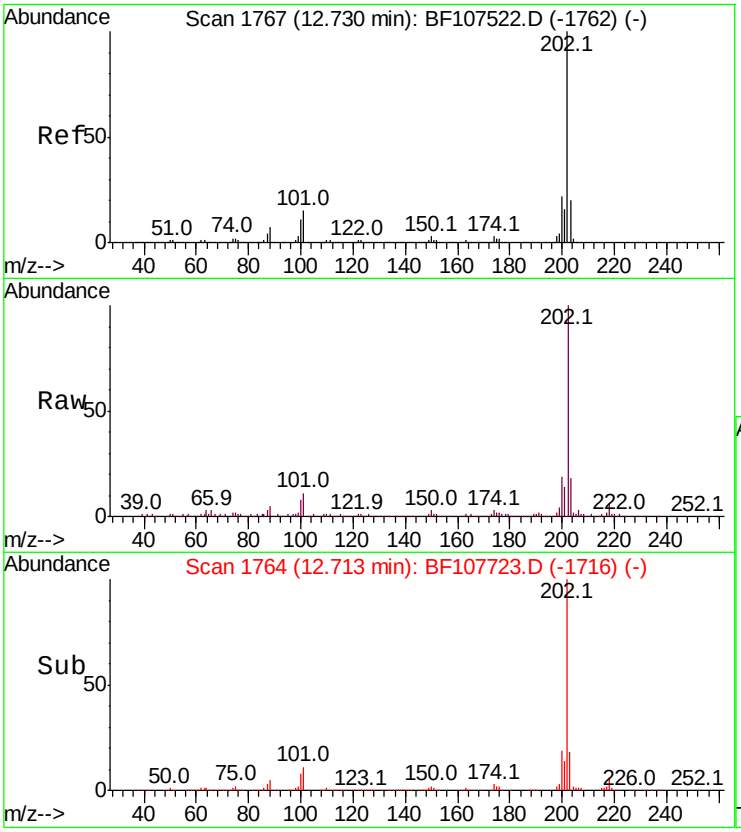


#71
Anthracene
Concen: 2.264 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:178 Resp: 67045

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.9	12.6	19.0



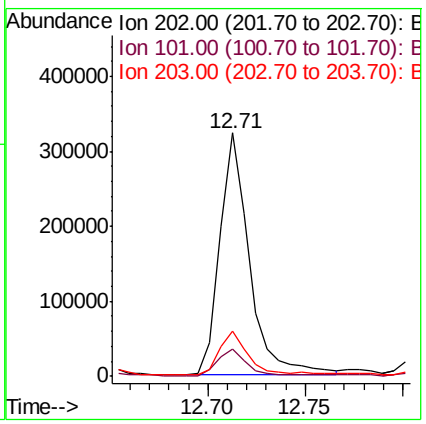


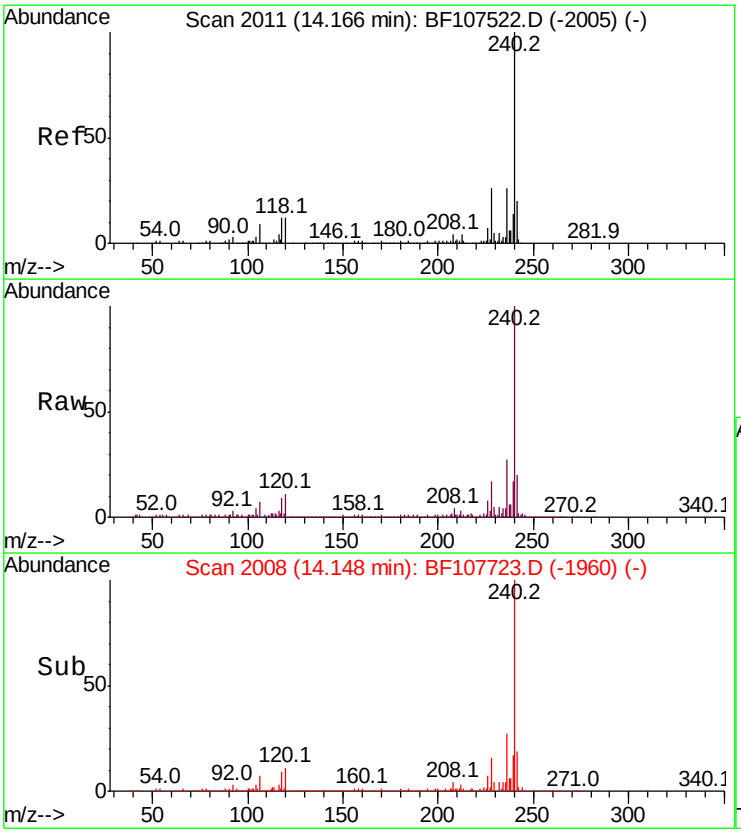
#74
Fluoranthene
Concen: 10.797 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 340699

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	18.3	0.0	38.1

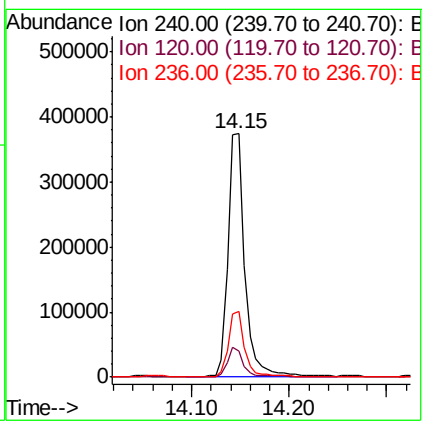


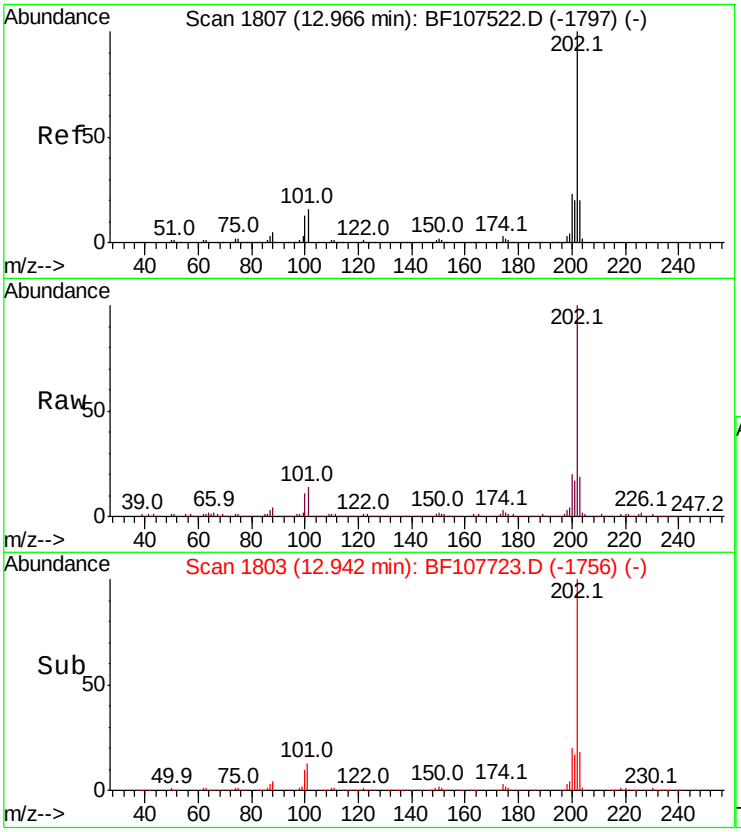


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:240 Resp: 446871

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.8	20.7	31.1



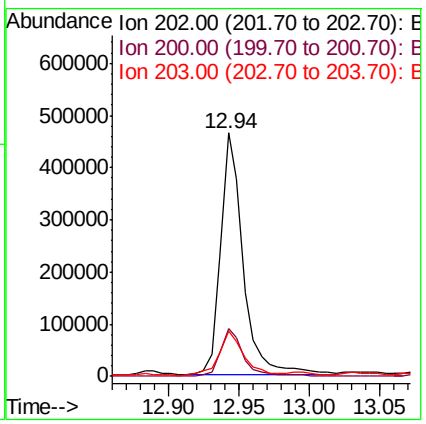


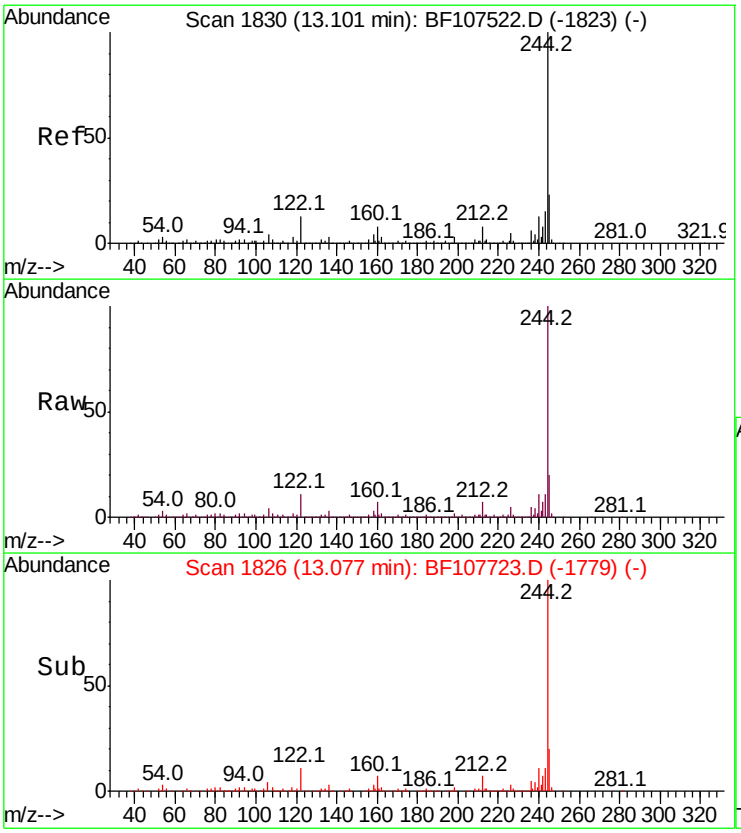
#77
Pyrene
Concen: 16.875 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 515804

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.6	14.3	21.5

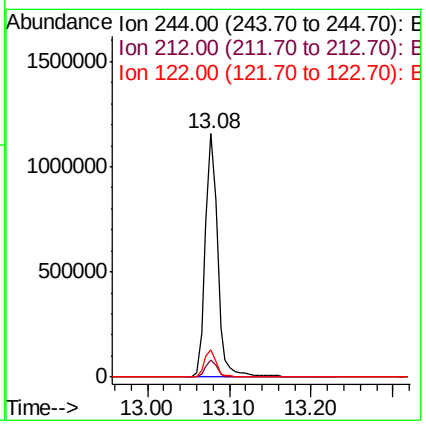


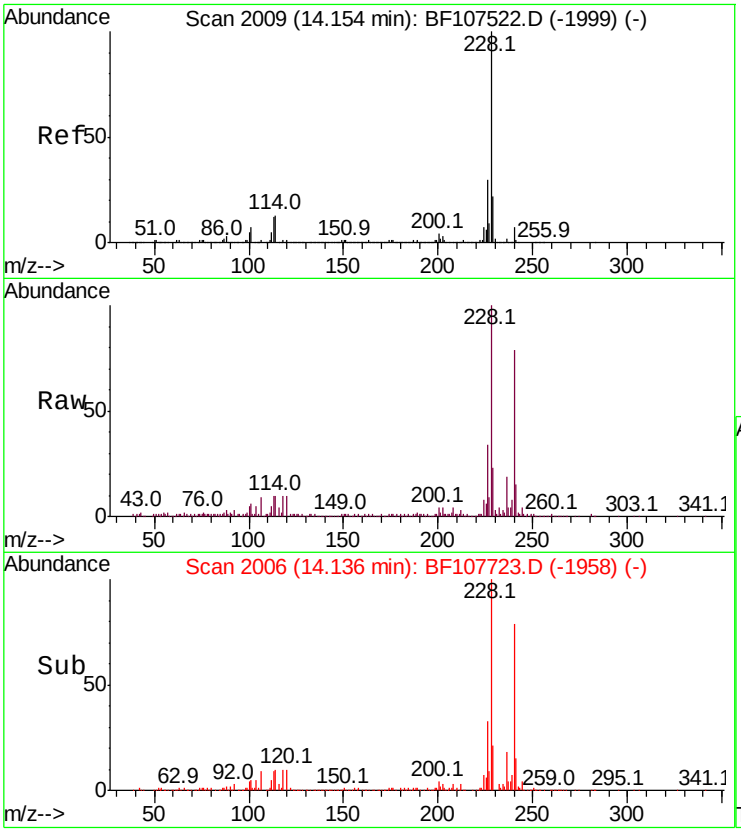


#78
Terphenyl-d14
Concen: 70.292 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:244 Resp: 1226963

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4



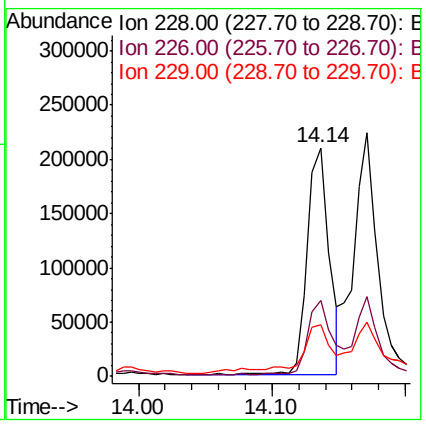


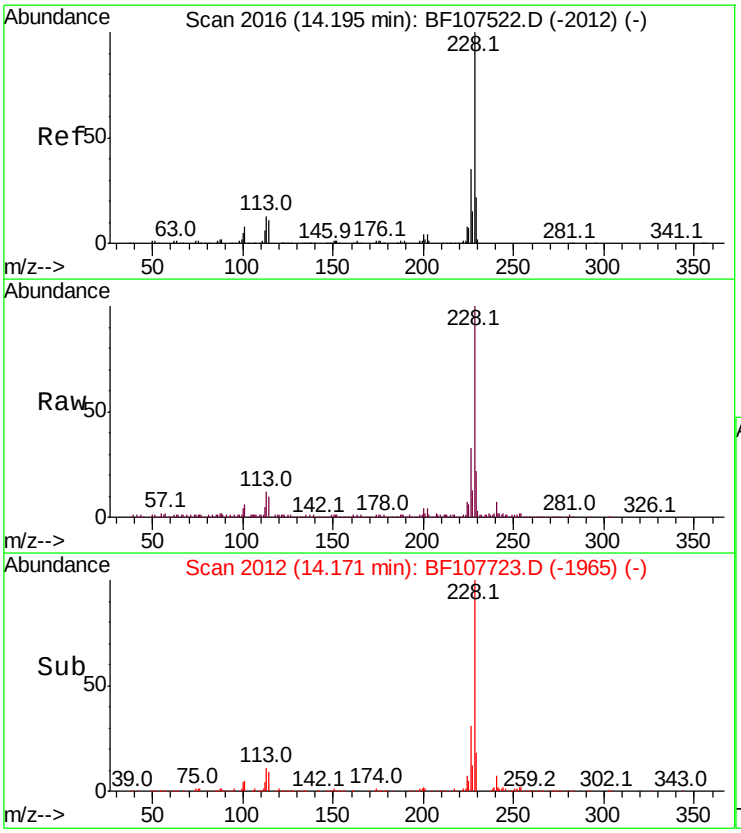
#80
Benzo(a)anthracene
Concen: 9.076 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 237670

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	22.7	15.8	23.6

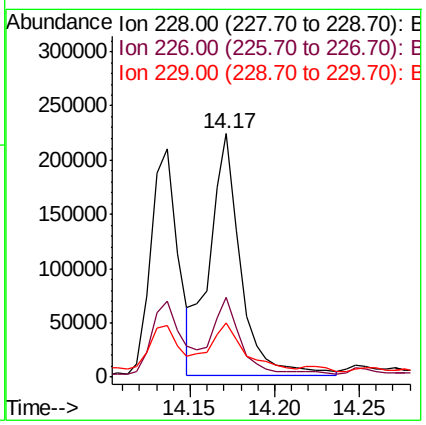


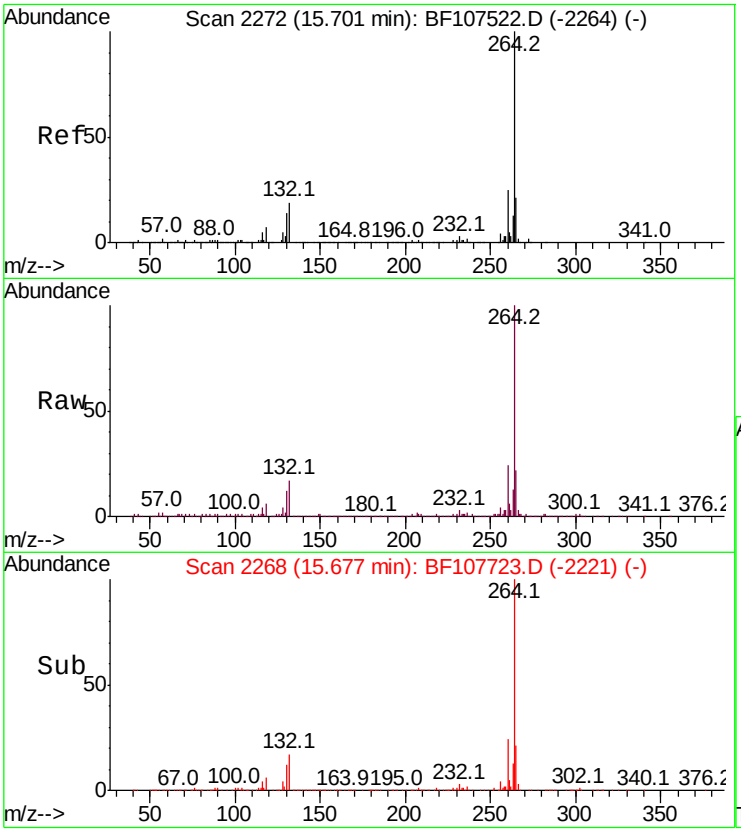


#82
Chrysene
Concen: 11.371 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:228 Resp: 286052

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	22.3	16.2	24.4



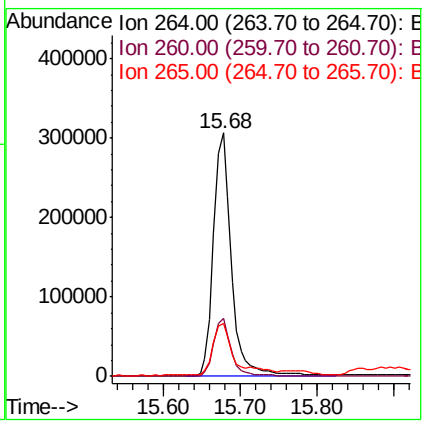


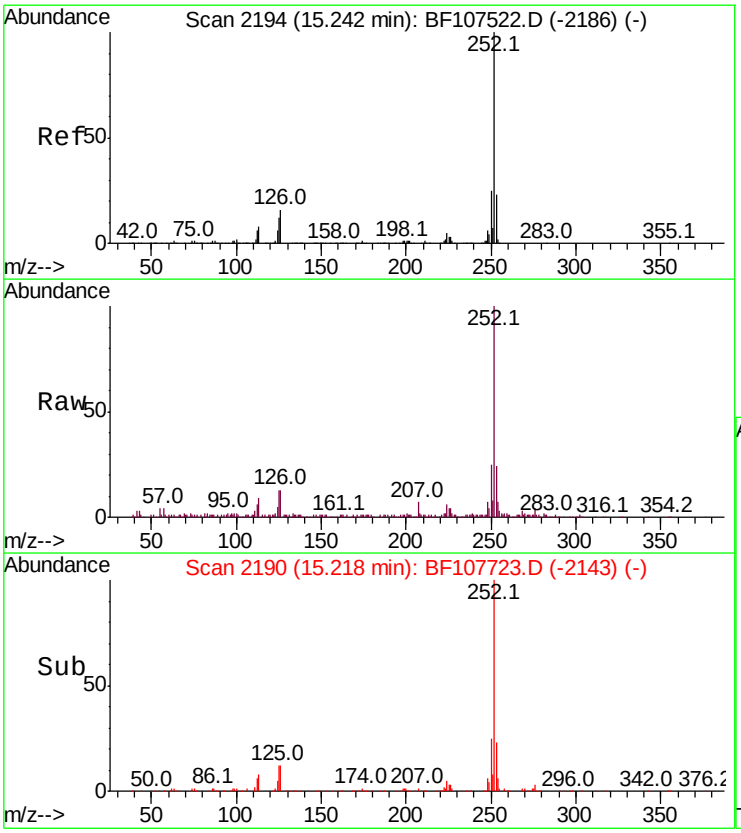
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 490175

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

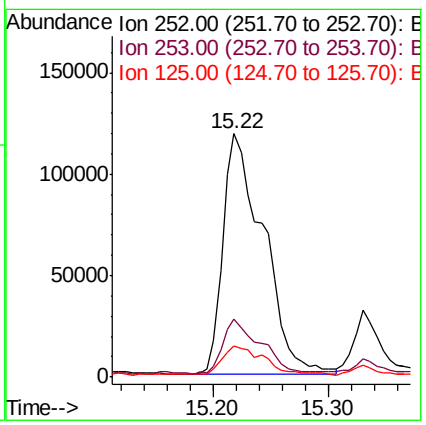


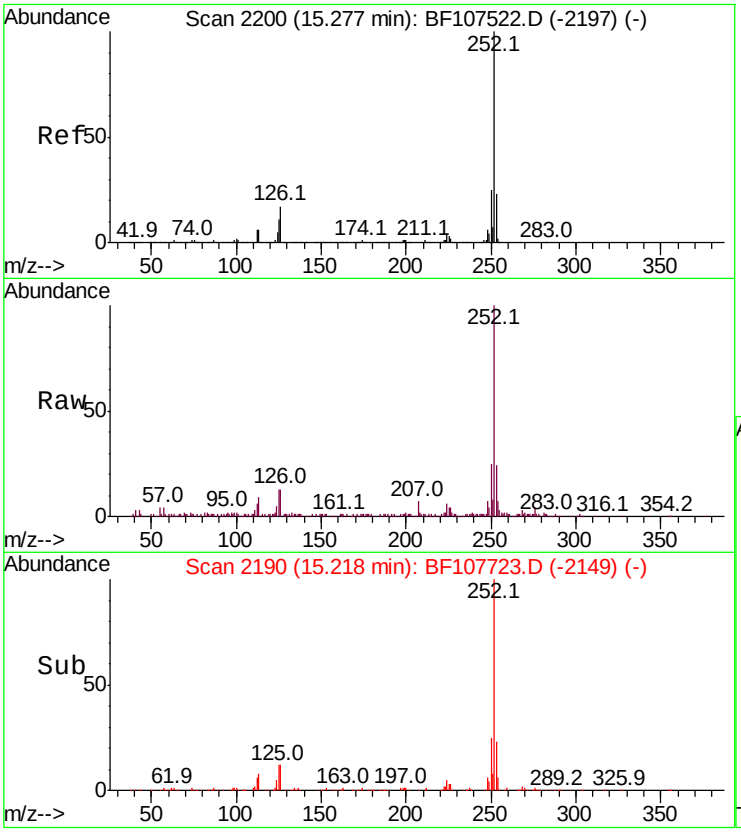


#87
Benzo(b)fluoranthene
Concen: 10.729 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:252 Resp: 287837

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	12.8	9.0	13.6



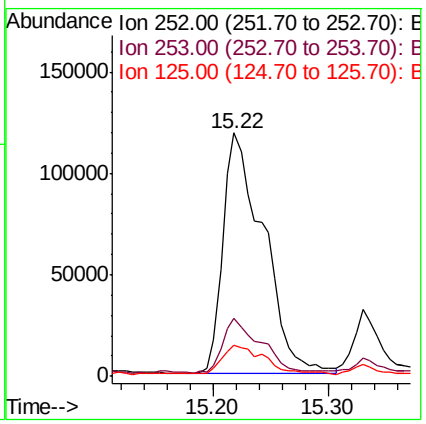


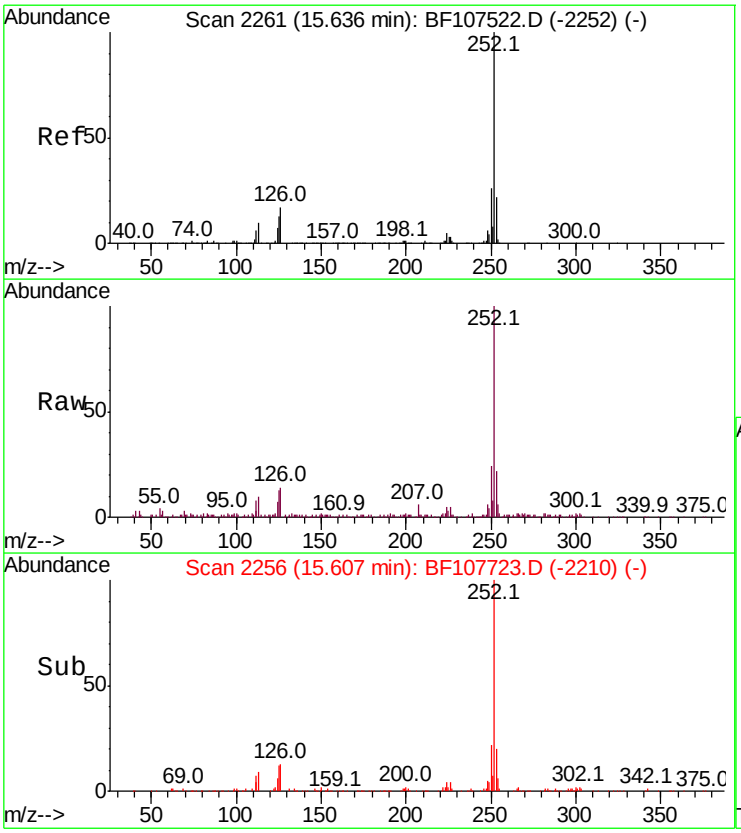
#88
Benzo(k)fluoranthene
Concen: 10.952 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.06 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 287837

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.8	10.2	15.2

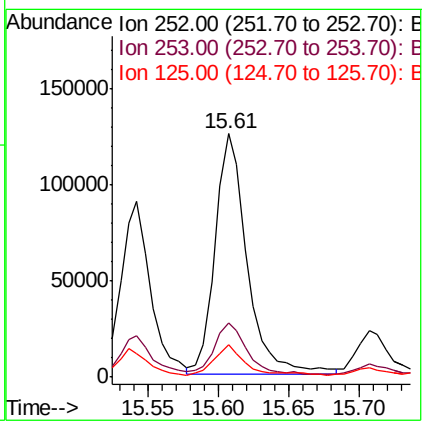


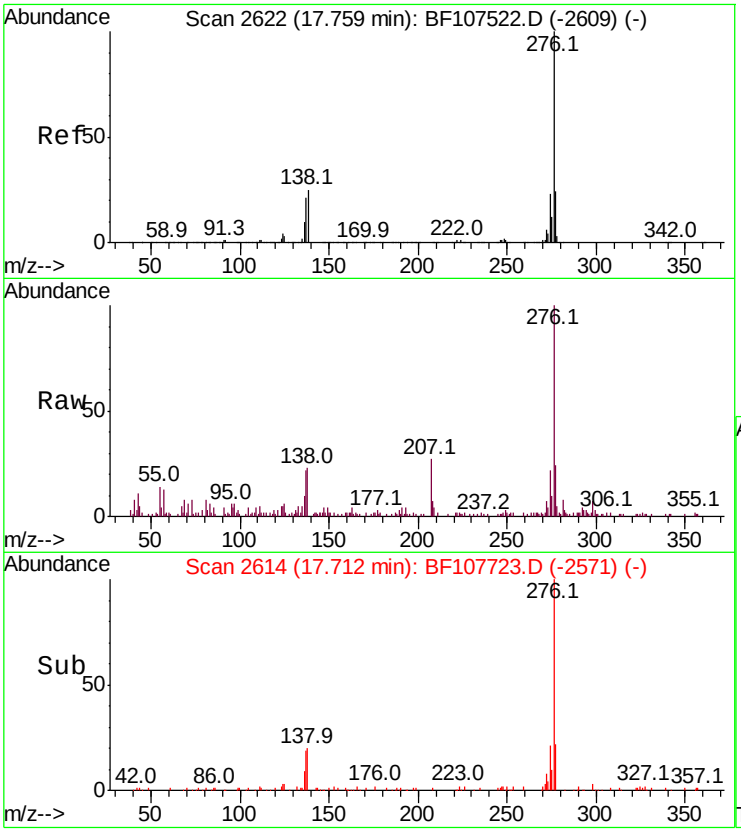


#89
Benzo(a)pyrene
Concen: 7.995 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion:252 Resp: 196180

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.760 ng
RT: 17.71 min Scan# 2614
Delta R.T. -0.05 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 78665

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	22.9	21.8	32.8