Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072618\
Data File : BF107722.D
Acq On : 27 Jul 2018 1:25
Operator : JU/SJ
Sample : J4121-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 06:04:18 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	6.97	152	203234	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	865453	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	391446	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	685953	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	452633	20.00	ng		-0.02
86) Perylene-d12	15.68	264	501847	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	855279	67.66	ng		-0.01
7) Phenol-d6	6.60	99	1159298	76.38	ng		-0.02
23) Nitrobenzene-d5	7.52	82	710059	55.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	327380	73.55	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1354981	53.08	ng		-0.02
78) Terphenyl-d14	13.08	244	937802	53.04	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	92736	9.458	ng	#	81
25) Isophorone	7.52	82	710059	25.932	ng	#	64
49) Dimethylphthalate	9.71	163	89334	3.028	ng		98
50) 2,6-Dinitrotoluene	10.00	165	50374	8.600	ng	#	26
55) 4-Nitrophenol	10.21	139	12188	2.285	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	50775	7.181	ng	#	24
57) Fluorene	10.55	166	69195	2.686	ng		98
64) 4,6-Dinitro-2-methylphenol	10.80	198	241	8.740	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	19004	2.353	ng	#	1
70) Phenanthrene	11.52	178	386853	11.573	ng		98
71) Anthracene	11.57	178	163899	4.870	ng		100
73) Di-n-butylphthalate	12.04	149	4371	Below Cal		#	80
74) Fluoranthene	12.71	202	606385	16.905	ng		96
77) Pyrene	12.94	202	477143	15.411	ng		98
80) Benzo(a)anthracene	14.17	228	221466	8.349	ng		95
81) 3,3'-Dichlorobenzidine	14.08	252	389	Below Cal		#	1
82) Chrysene	14.17	228	221466	8.692	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	94742	4.387	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	376554	13.710	ng		99
88) Benzo(k)fluoranthene	15.22	252	376554	13.994	ng		99
89) Benzo(a)pyrene	15.61	252	210646	8.384	ng		99
91) Benzo(g,h,i)perylene	17.72	276	87542	4.087	ng		93

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

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
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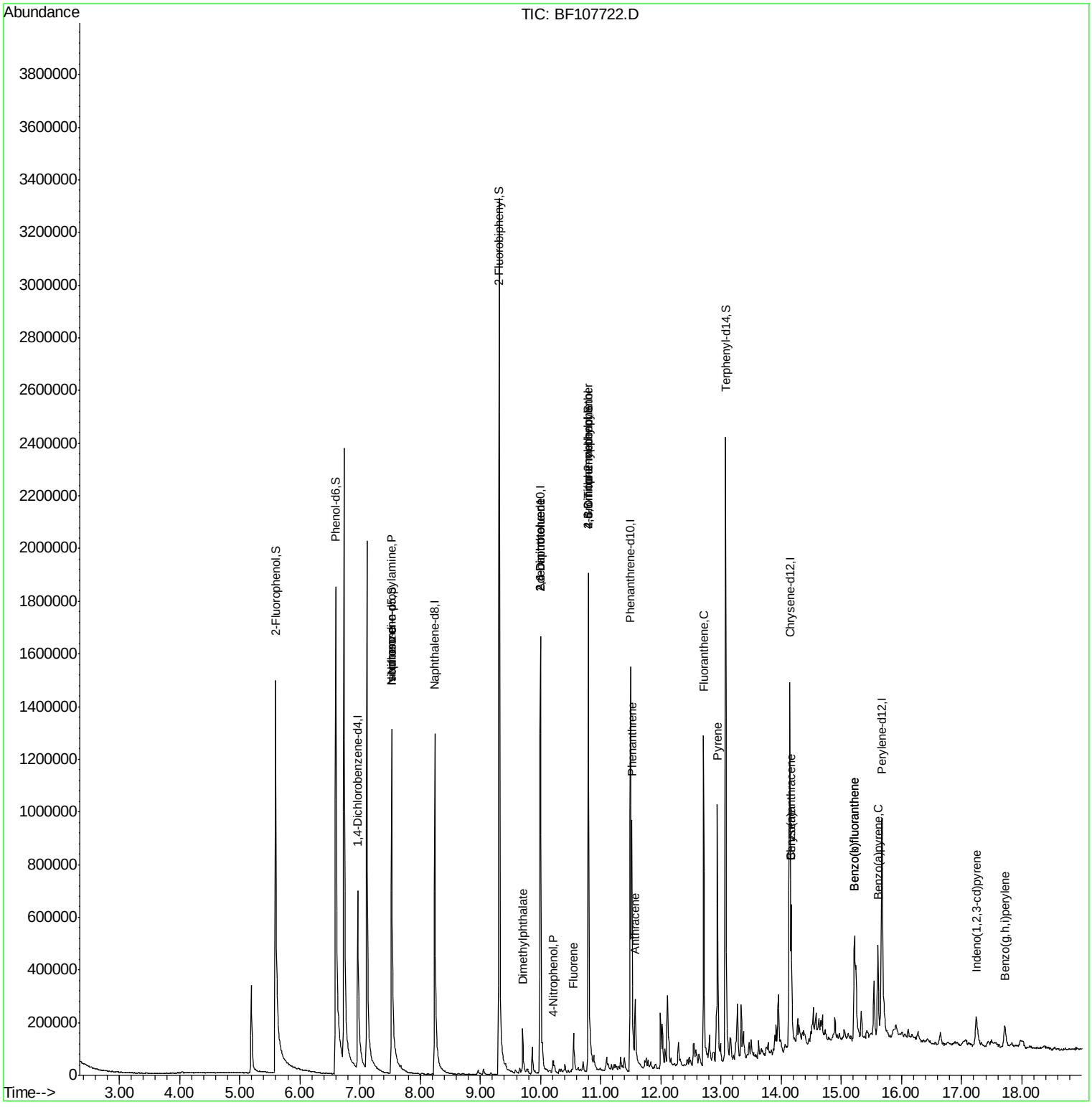
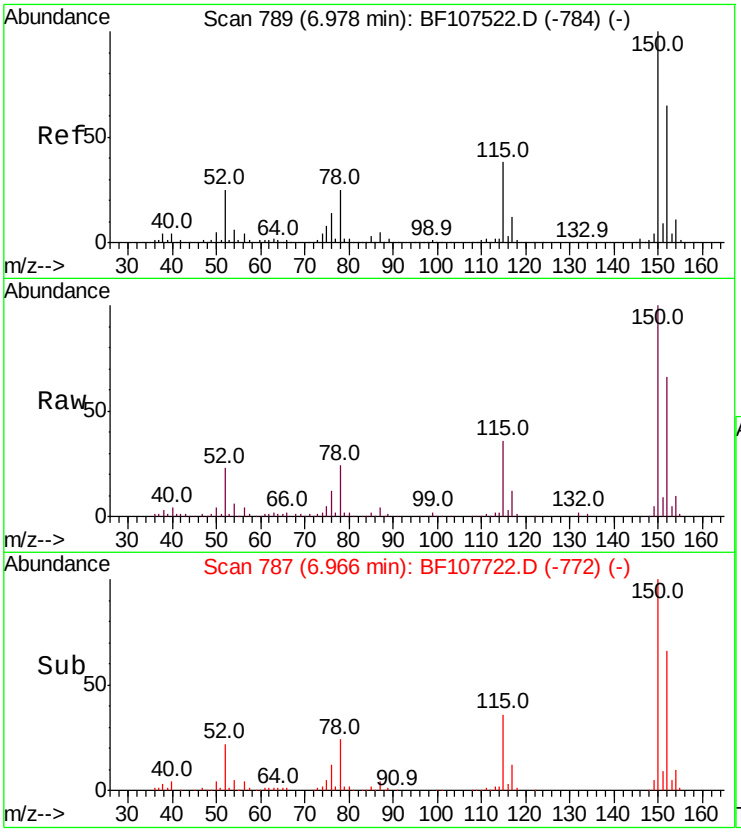


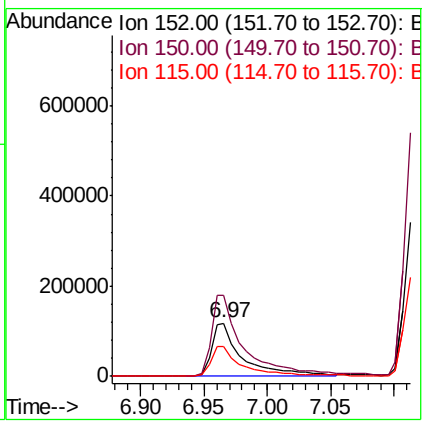


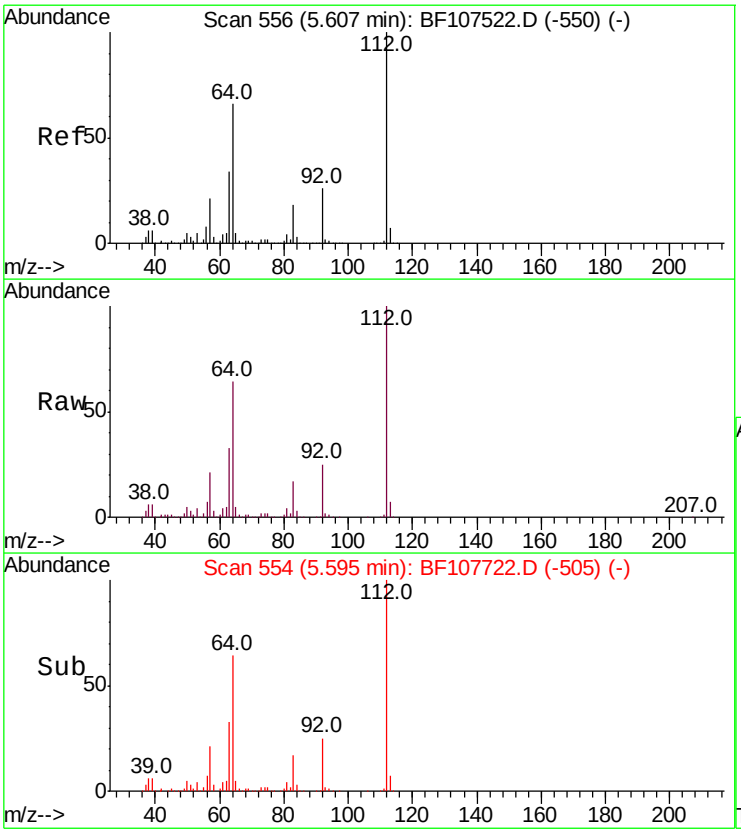
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 203234

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	55.4	50.1	75.1

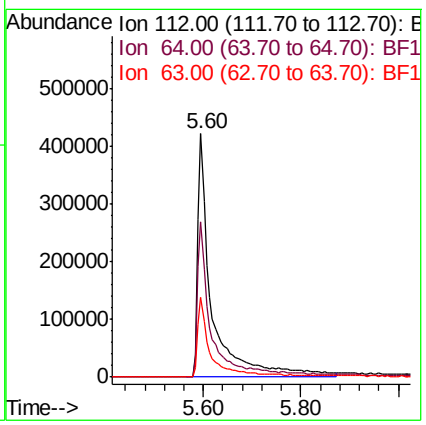


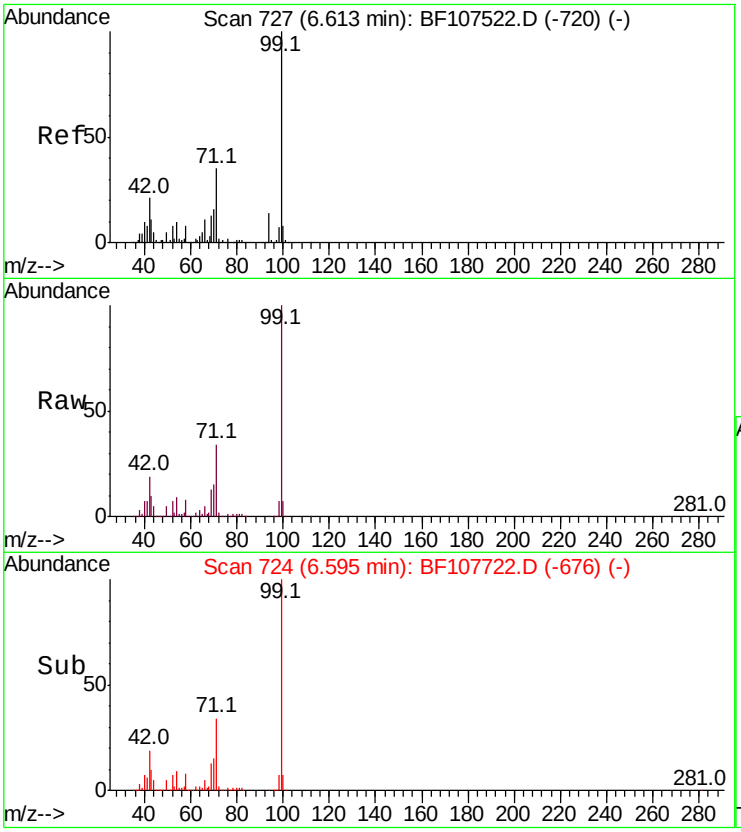


#5
2-Fluorophenol
Concen: 67.662 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:112 Resp: 855279

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	33.0	23.7	35.5



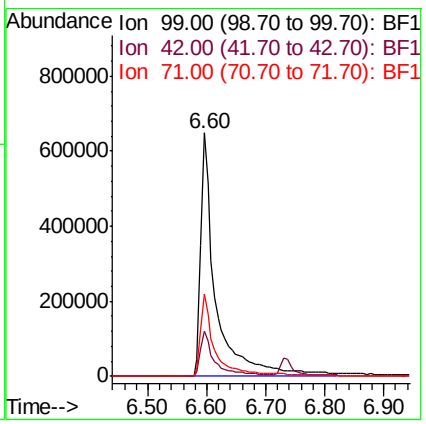


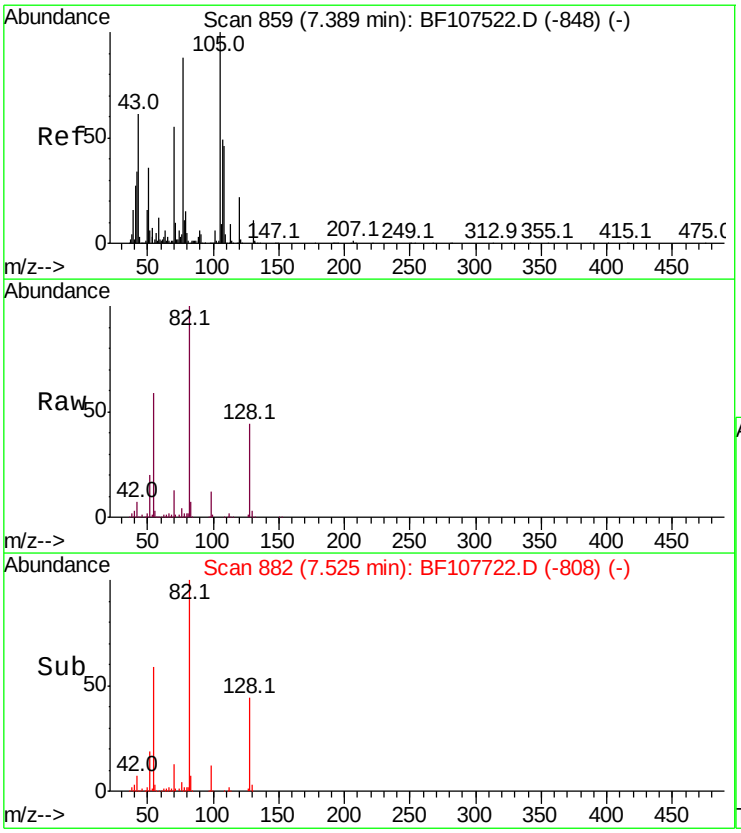
#7
Phenol-d6
Concen: 76.381 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1159298

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	34.0	25.4	38.0

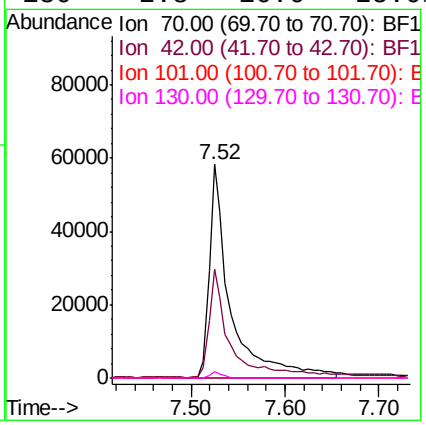


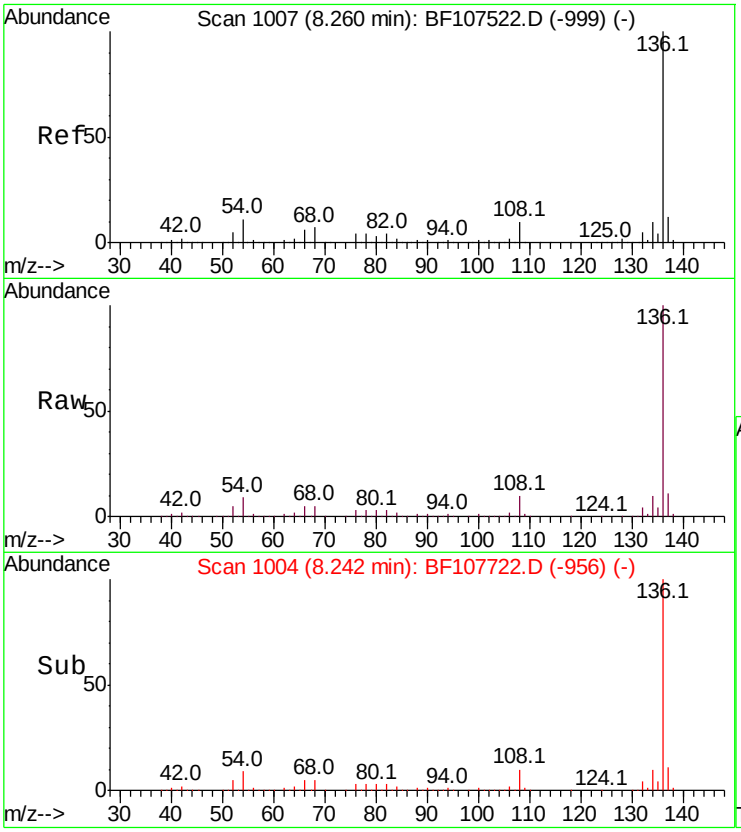


#19
n-Nitroso-di-n-propylamine
Concen: 9.458 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion: 70 Resp: 92736

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



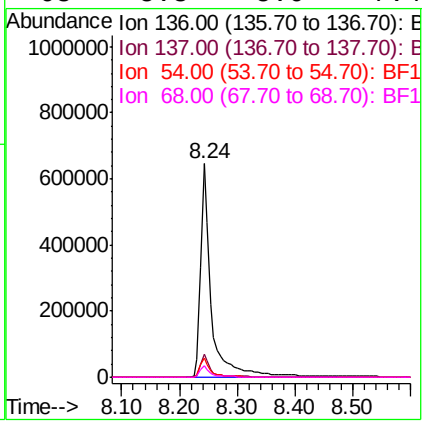


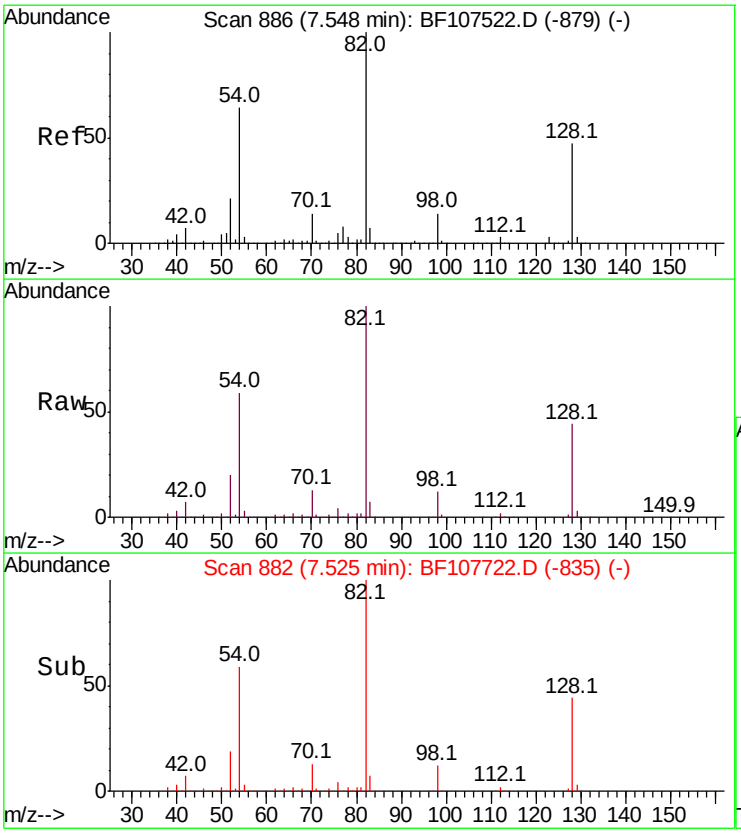
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 865453

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.3	5.0	7.4

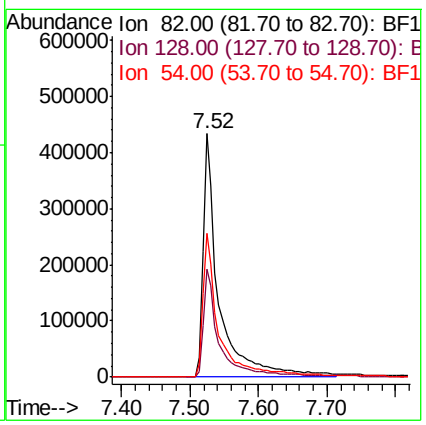


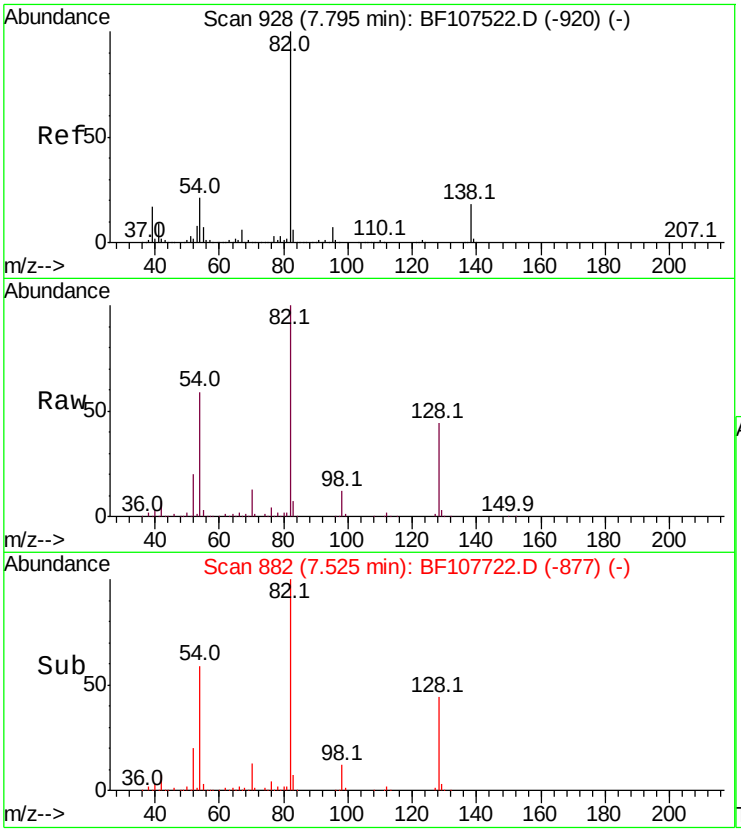


#23
Nitrobenzene-d5
Concen: 55.370 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion: 82 Resp: 710059

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	58.9	41.4	62.2



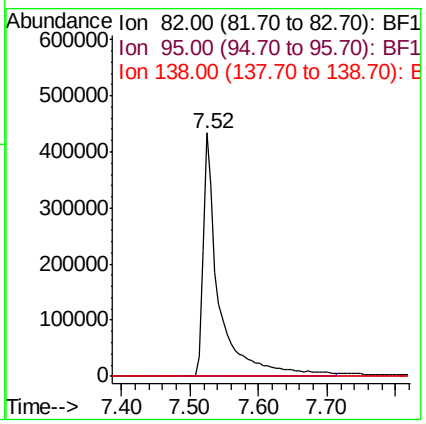


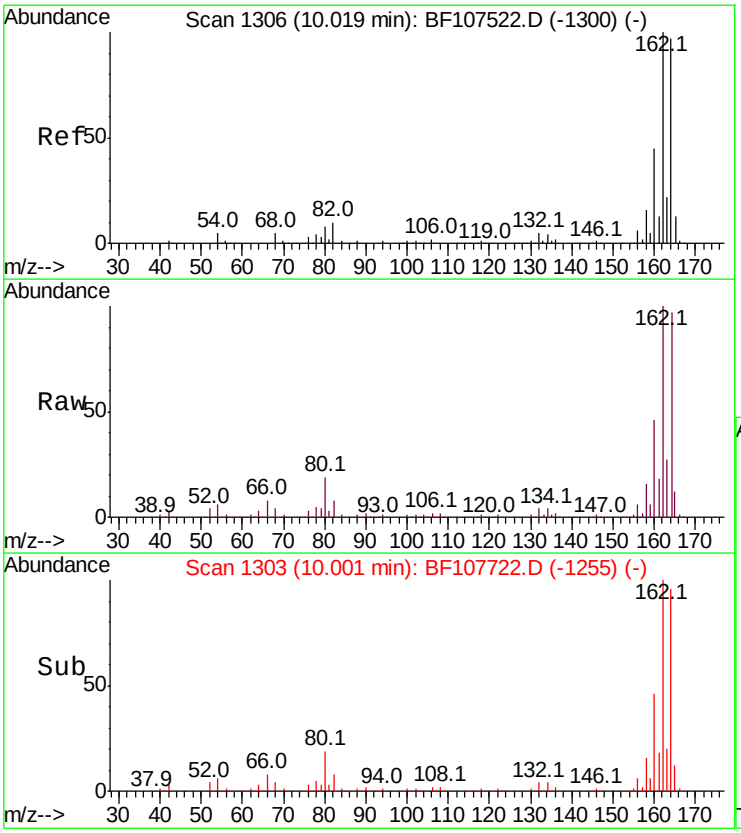
#25
Isophorone
Concen: 25.932 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 710059

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

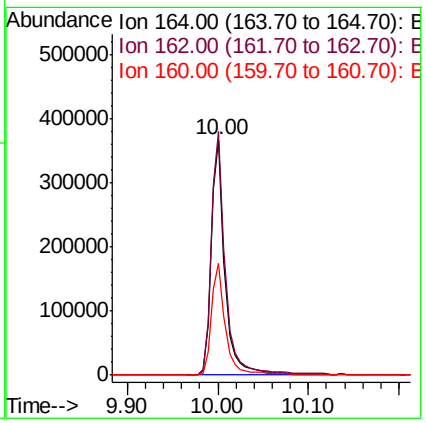


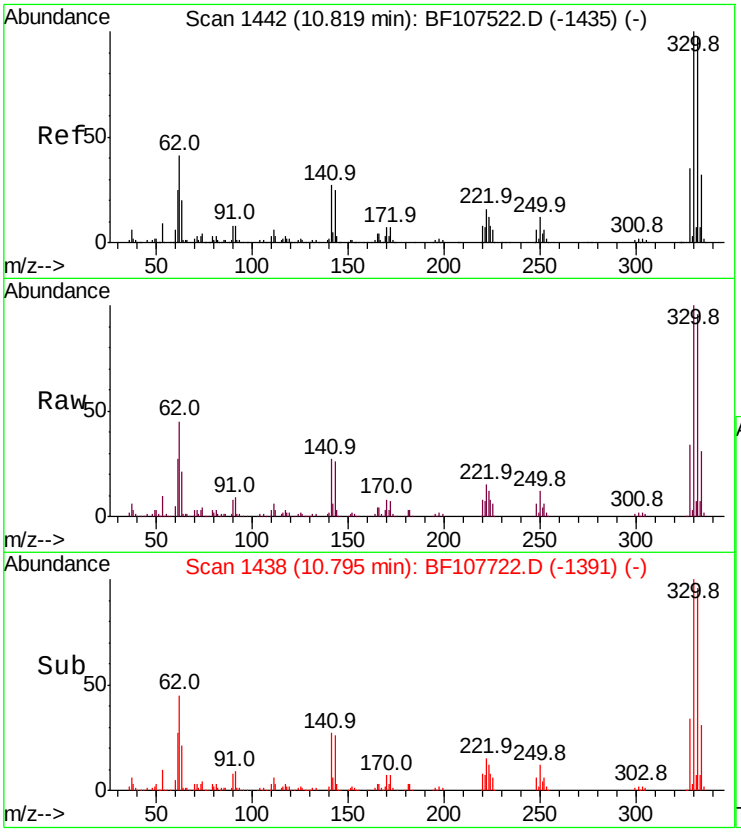


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:164 Resp: 391446

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.7	38.3	57.5



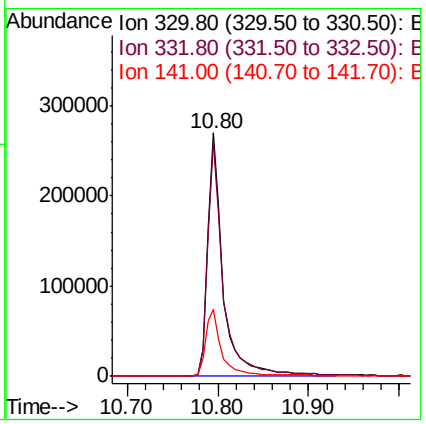


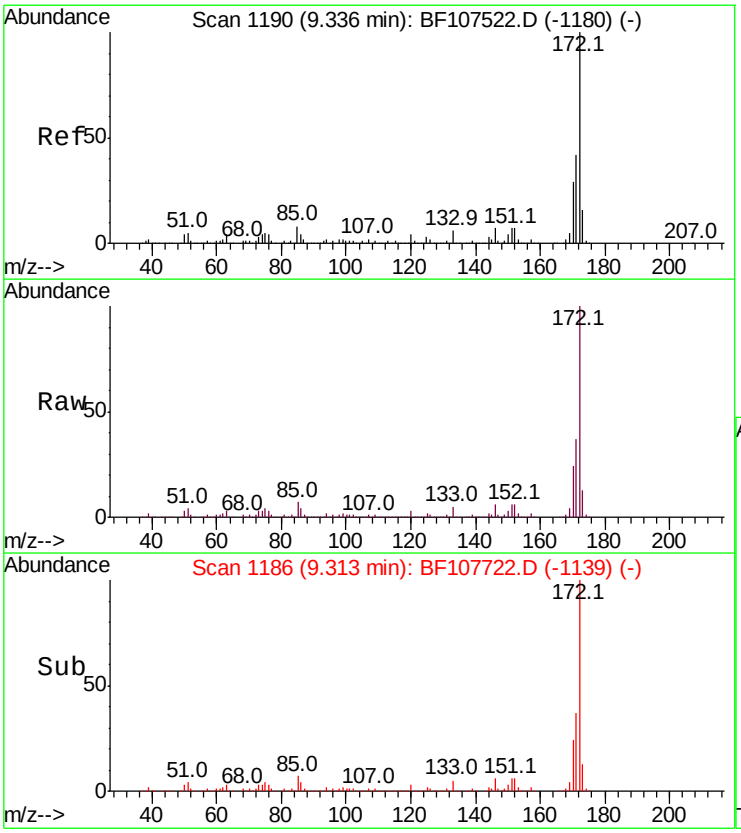
#41
2,4,6-Tribromophenol
Concen: 73.546 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 327380

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	29.5	29.9	44.9#

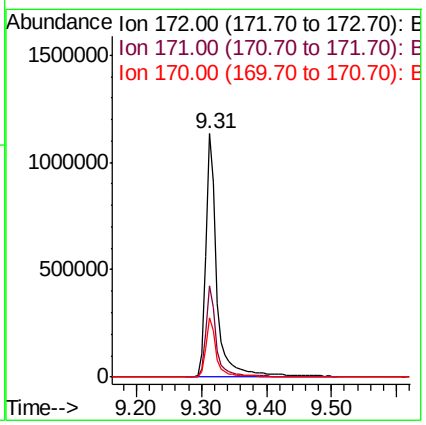


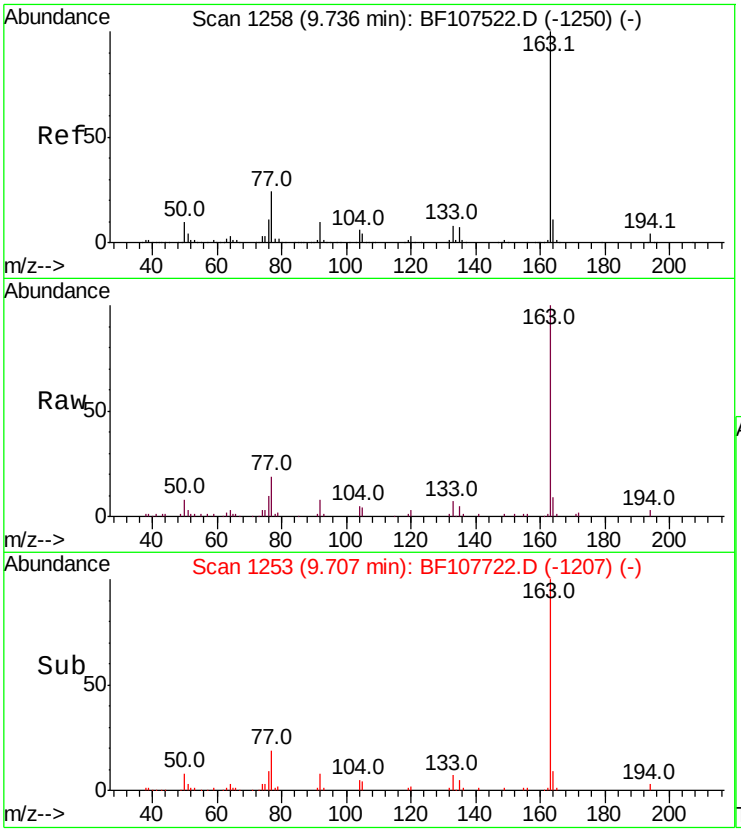


#44
2-Fluorobiphenyl
Concen: 53.082 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:172 Resp: 1354981

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.5	19.6	29.4



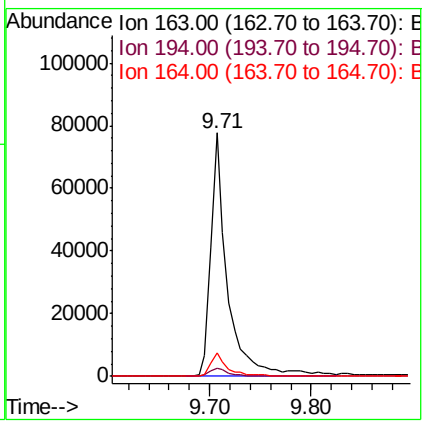


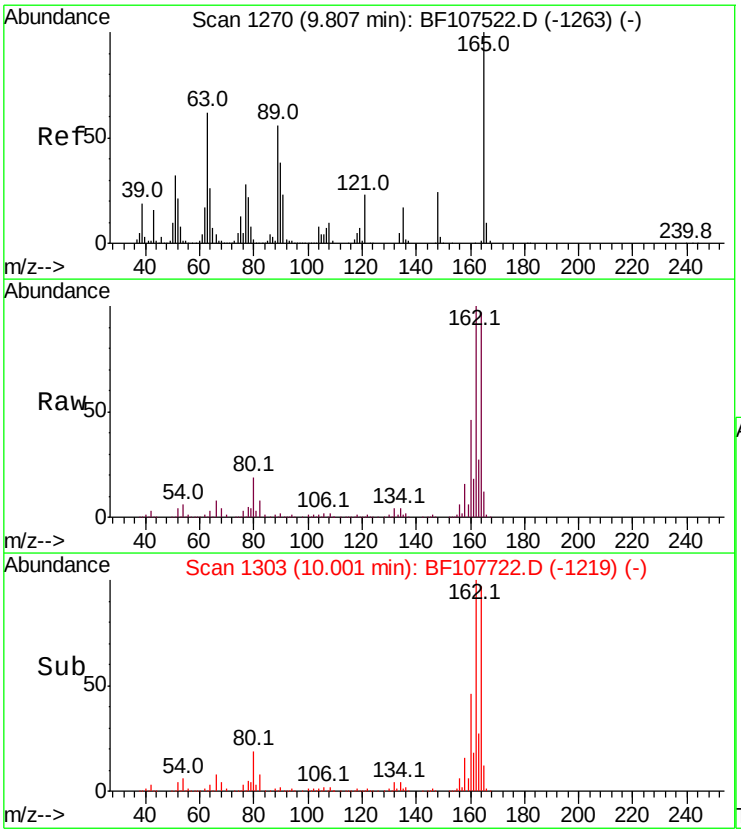
#49
Dimethylphthalate
Concen: 3.028 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 89334

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

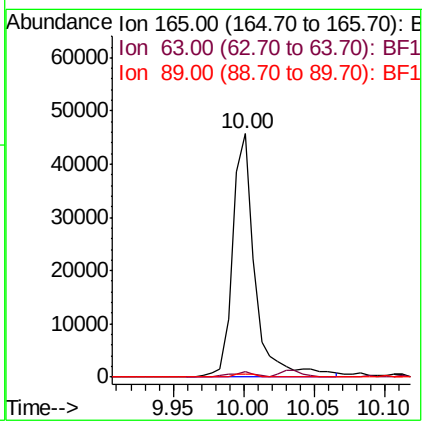


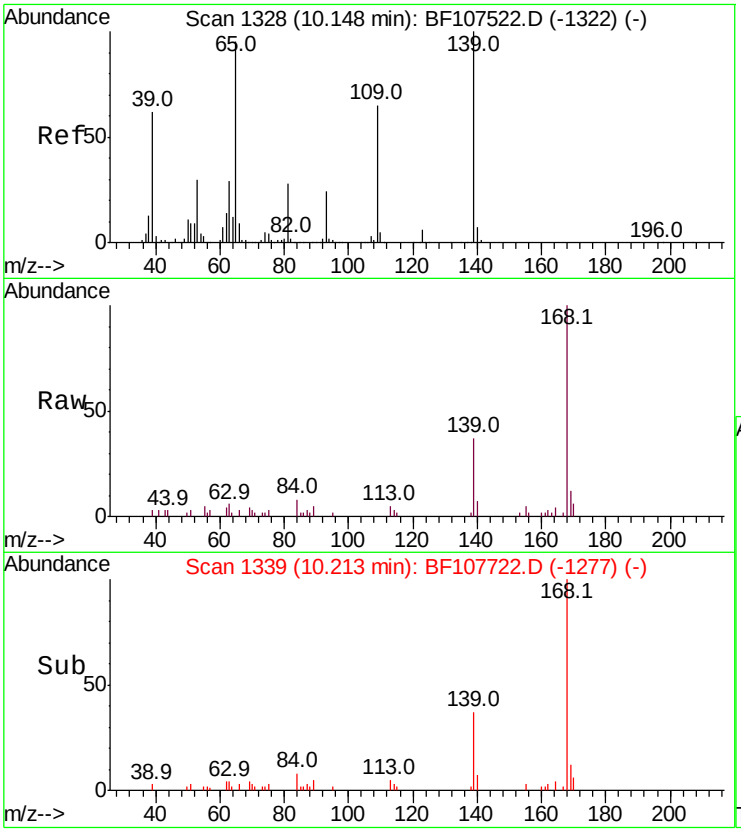


#50
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:165 Resp: 50374

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.4	44.0	66.0#



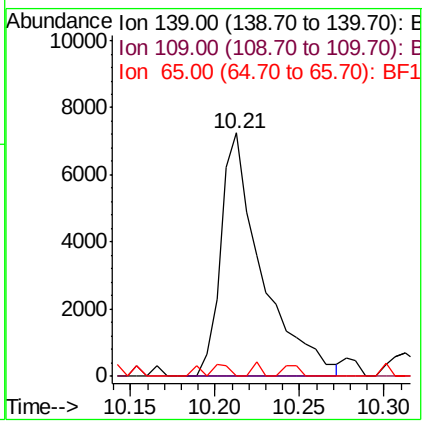


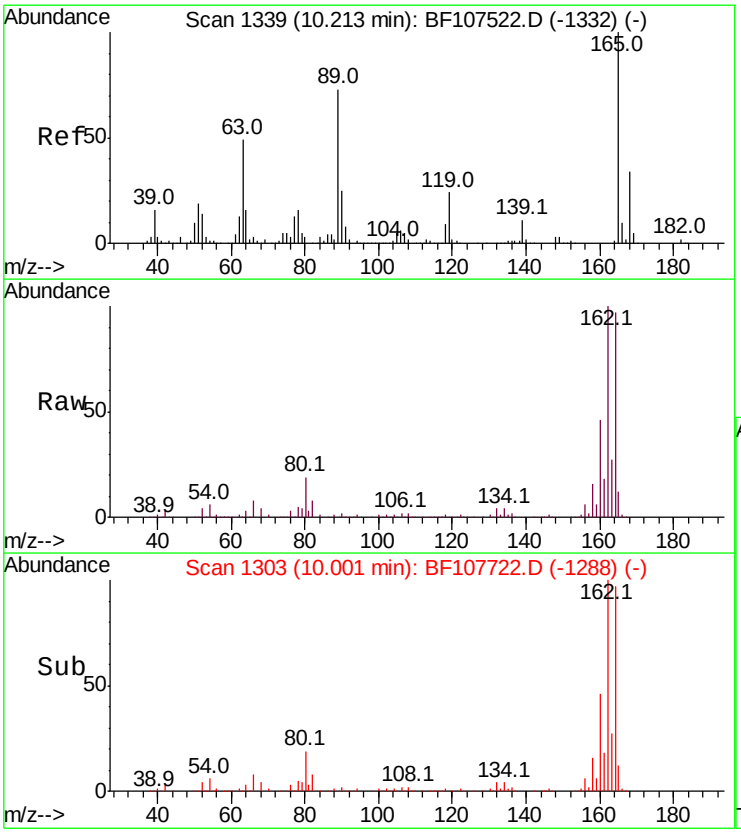
#55
4-Nitrophenol
Concen: 2.285 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.06 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 12188

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

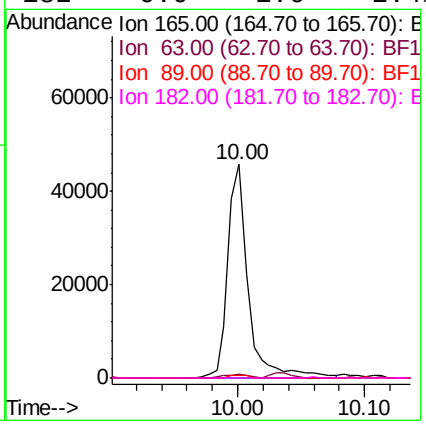


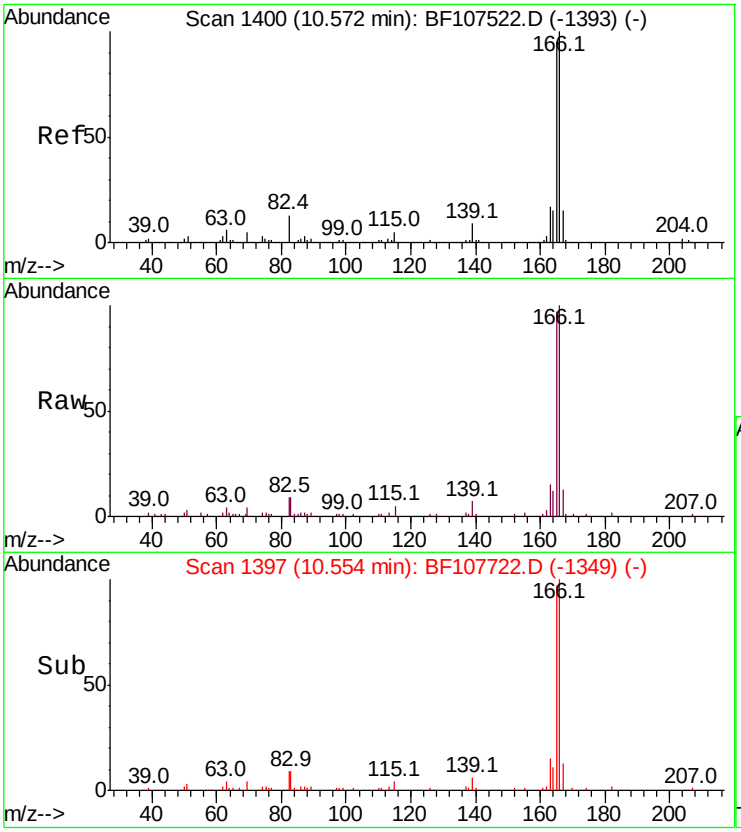


#56
2,4-Dinitrotoluene
Concen: 7.181 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:165 Resp: 50775

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



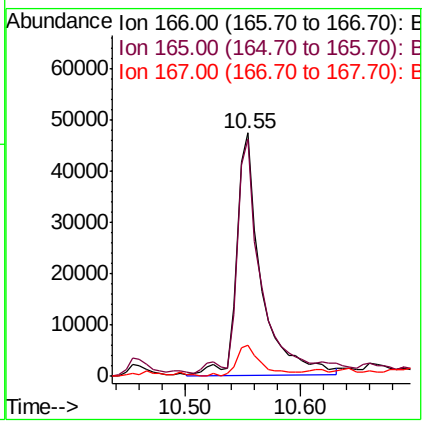


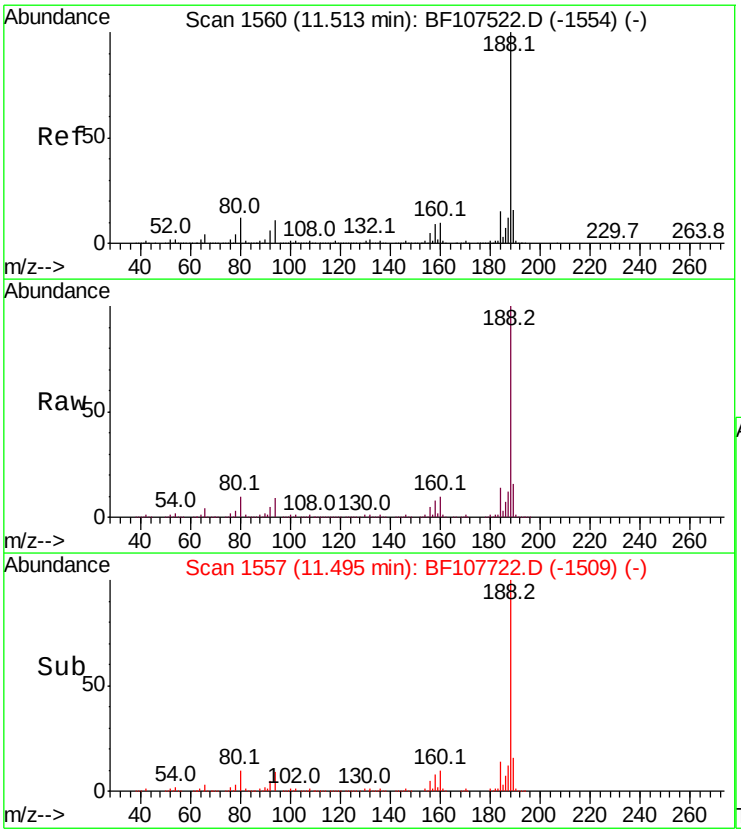
#57
Fluorene
Concen: 2.686 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 69195

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	12.7	10.6	16.0

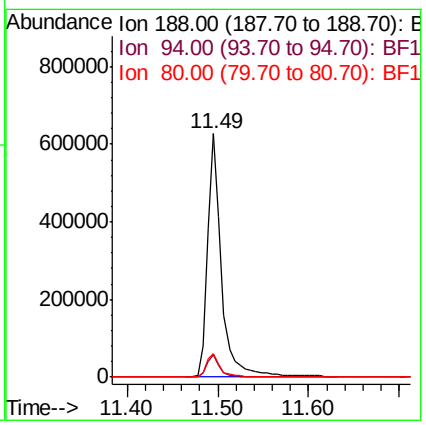


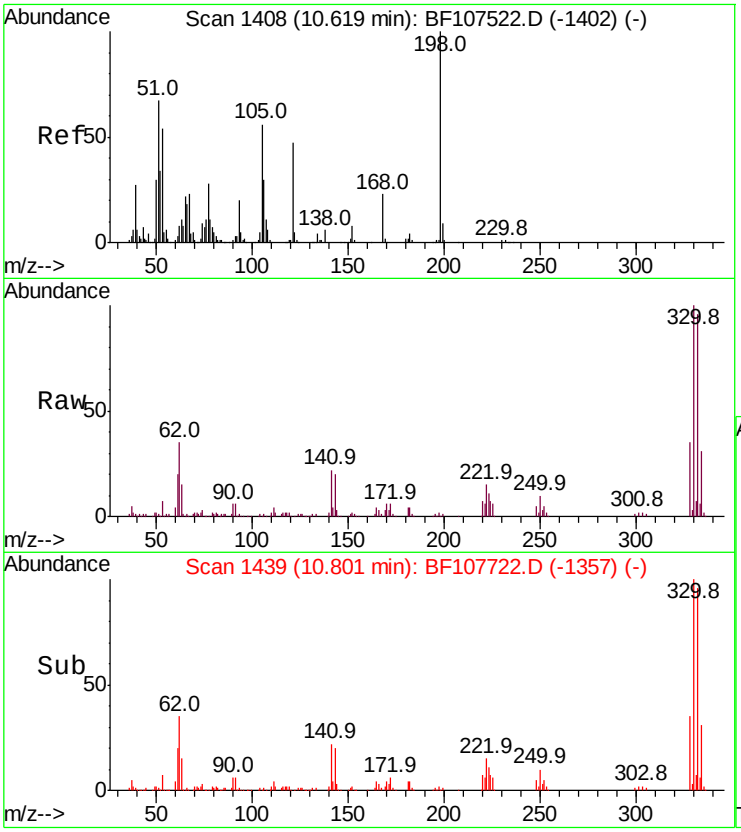


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:188 Resp: 685953

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8



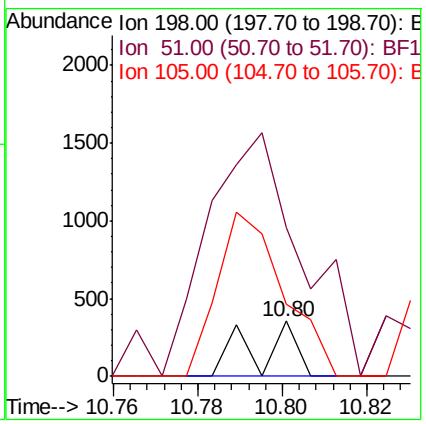


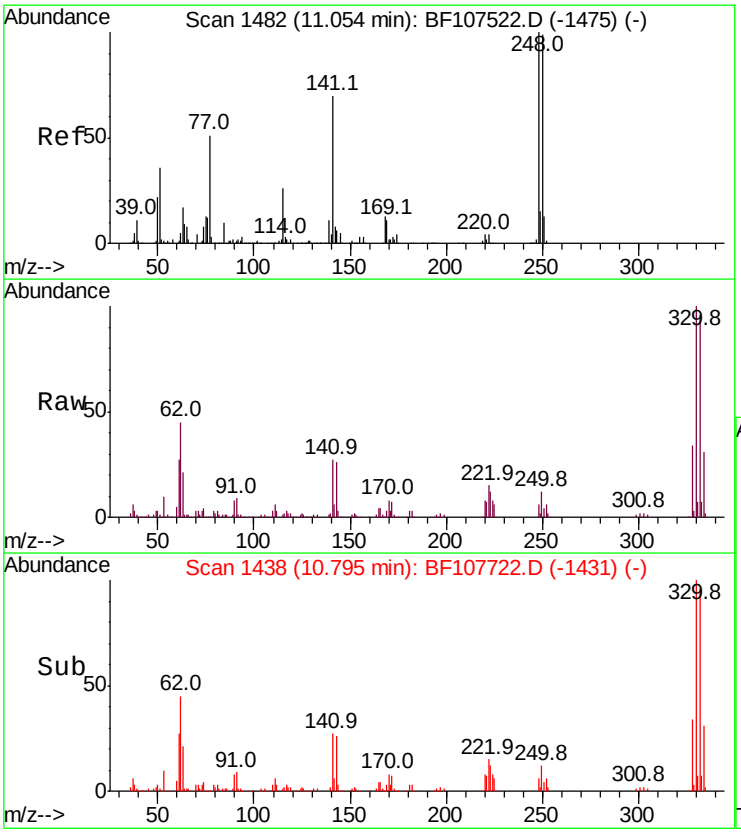
#64
4,6-Dinitro-2-methylphenol
Concen: 8.740 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 241

Ion	Ratio	Lower	Upper
198	100		
51	269.3	37.7	77.7#
105	131.3	36.3	76.3#

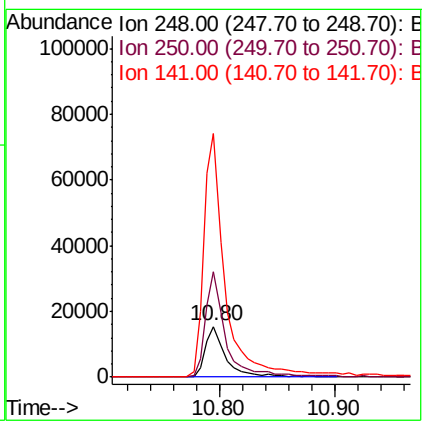


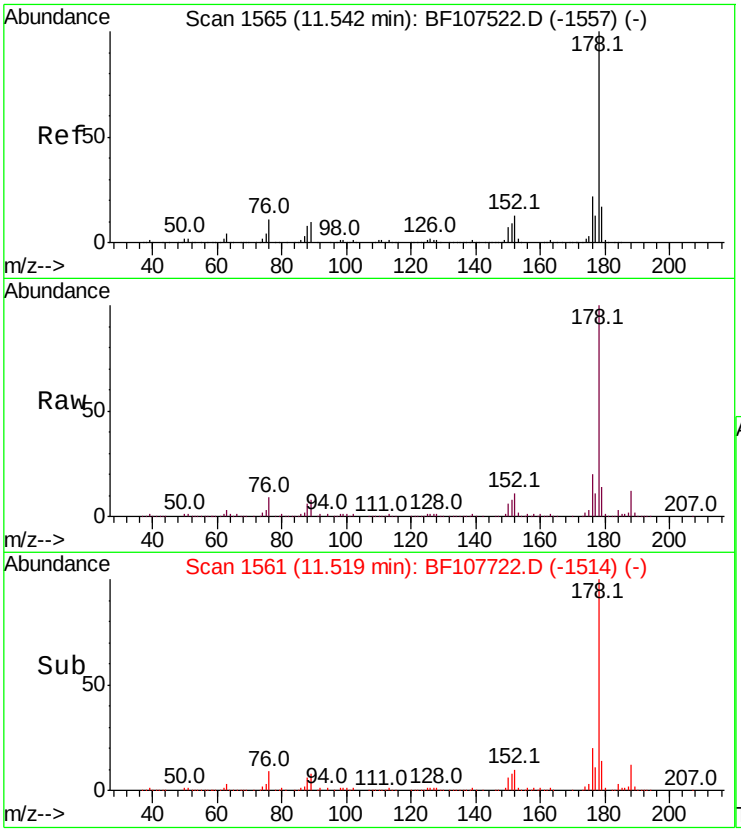


#66
4-Bromophenyl-phenylether
Concen: 2.353 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:248 Resp: 19004

Ion	Ratio	Lower	Upper
248	100		
250	208.4	76.9	115.3#
141	479.2	74.4	111.6#



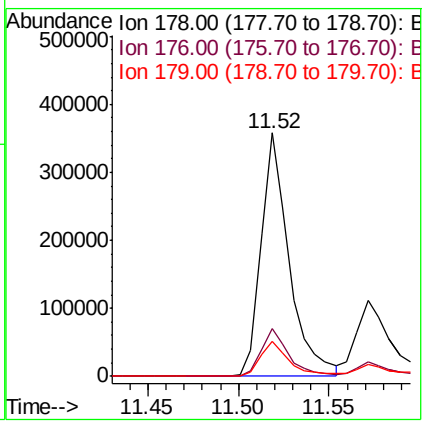


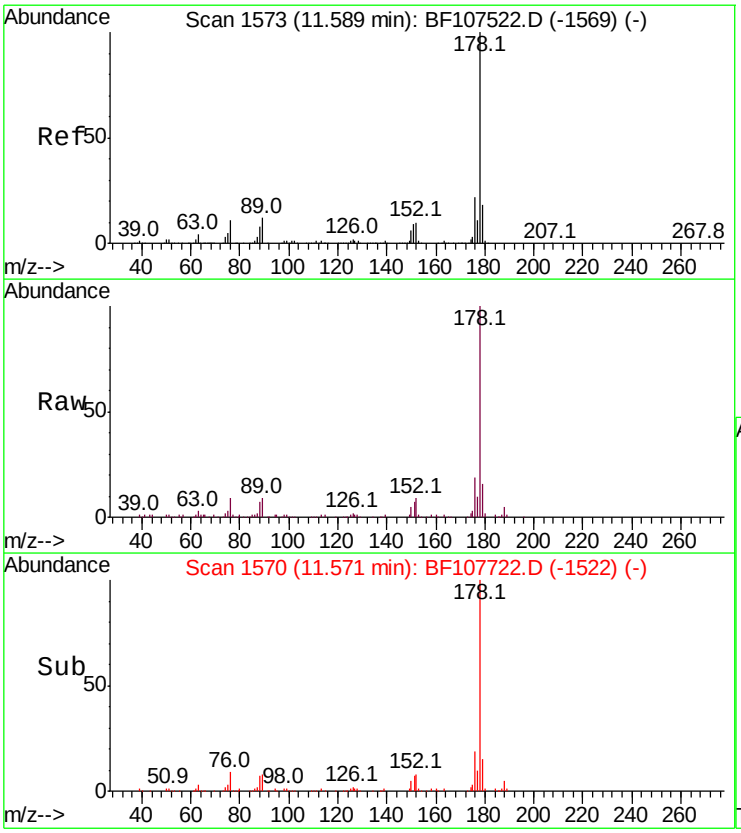
#70
Phenanthrene
Concen: 11.573 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 386853

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.2	13.0	19.6

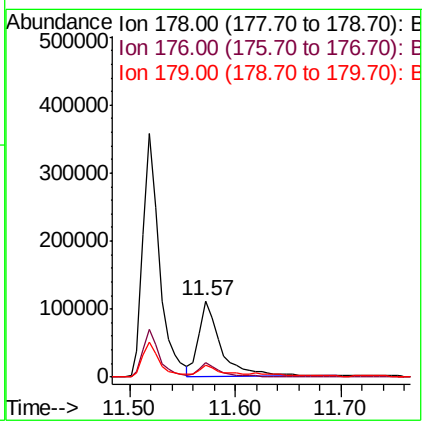


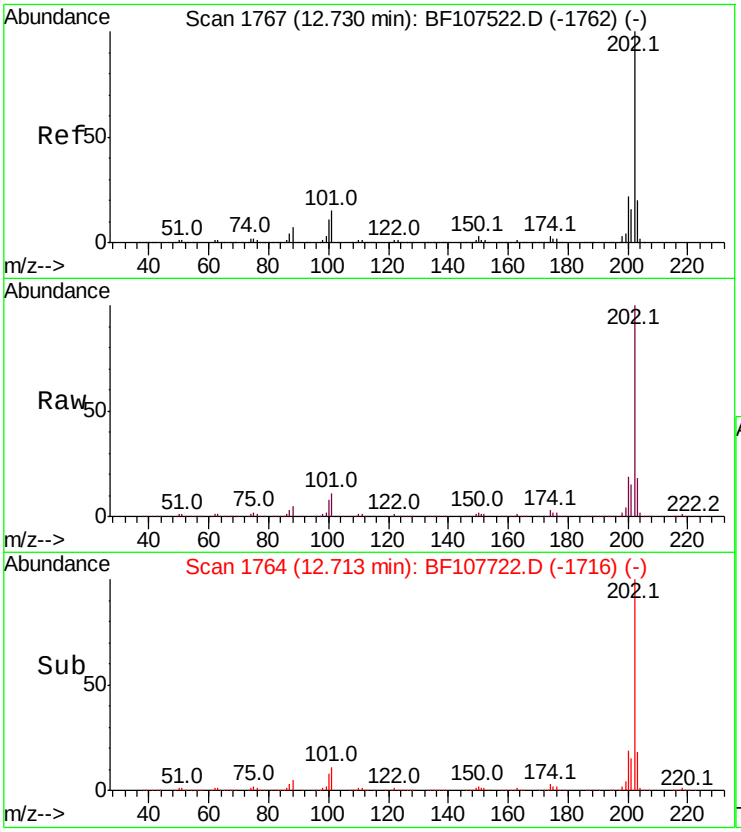


#71
Anthracene
Concen: 4.870 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:178 Resp: 163899

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0



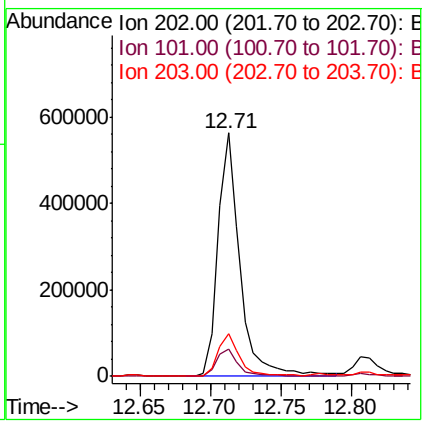


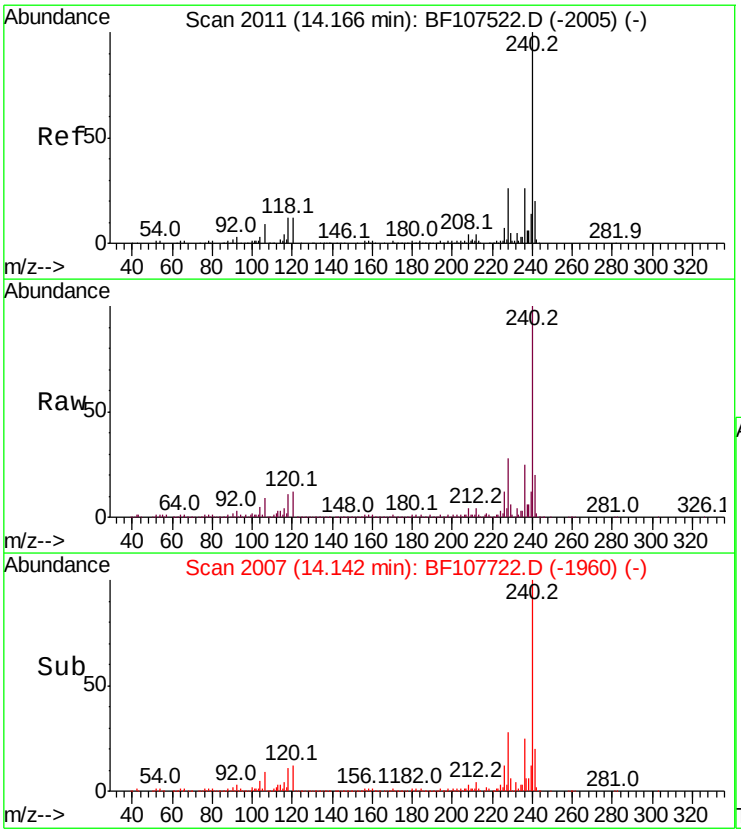
#74
Fluoranthene
Concen: 16.905 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 606385

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.8	0.0	38.1

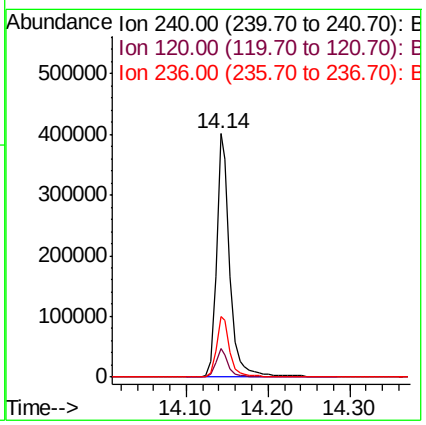


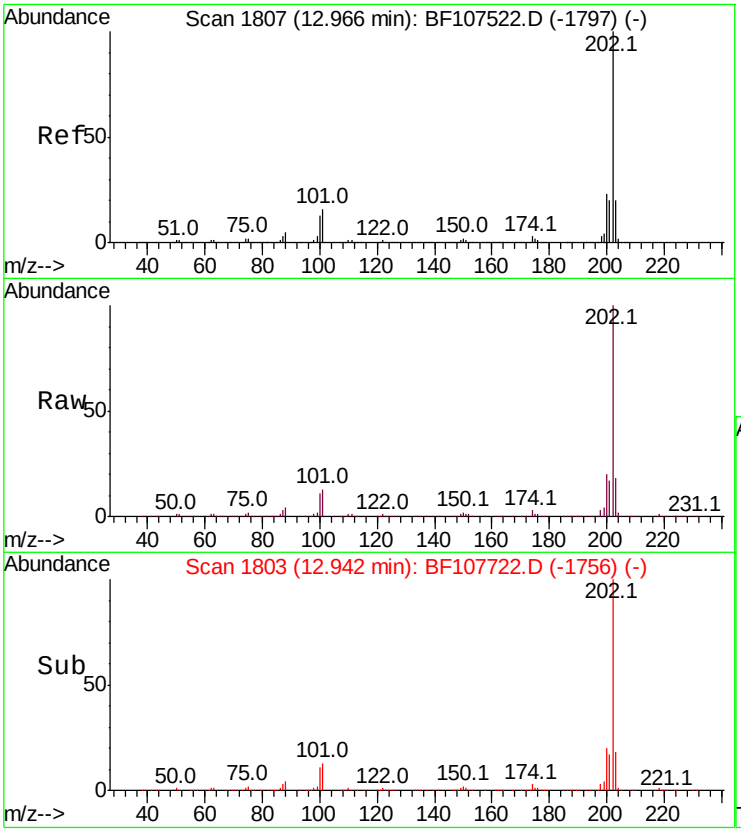


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:240 Resp: 452633

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	24.7	20.7	31.1



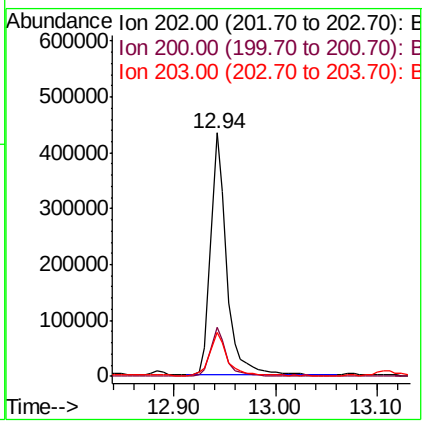


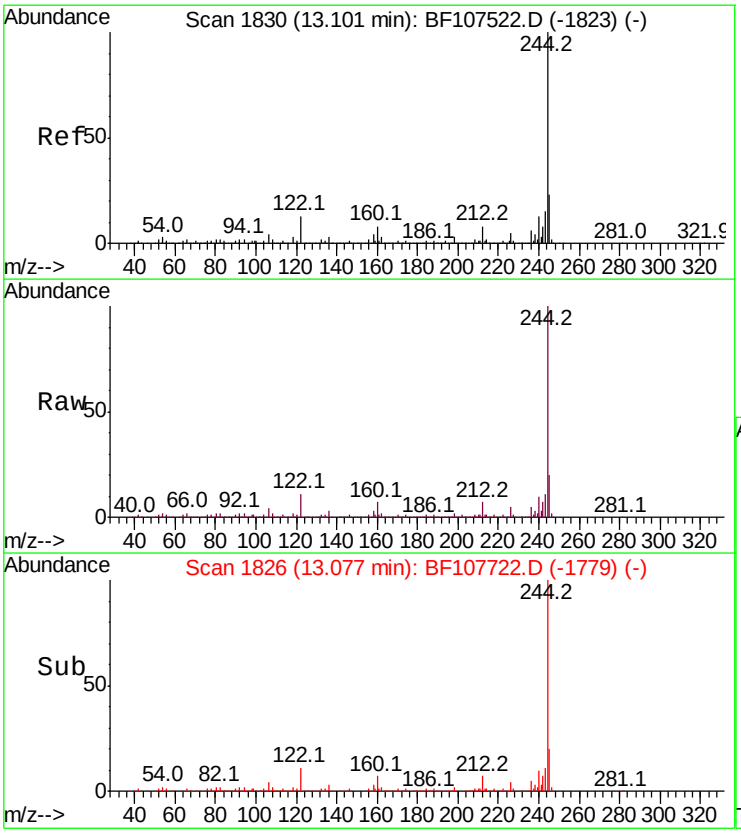
#77
Pyrene
Concen: 15.411 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 477143

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.8	14.3	21.5

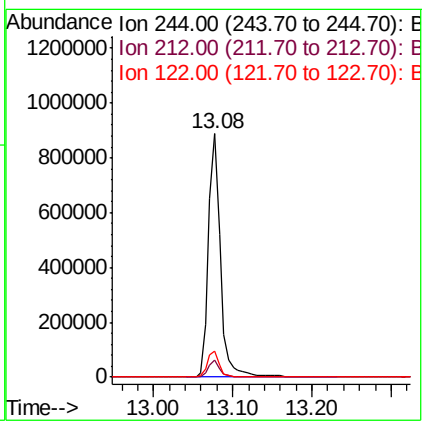


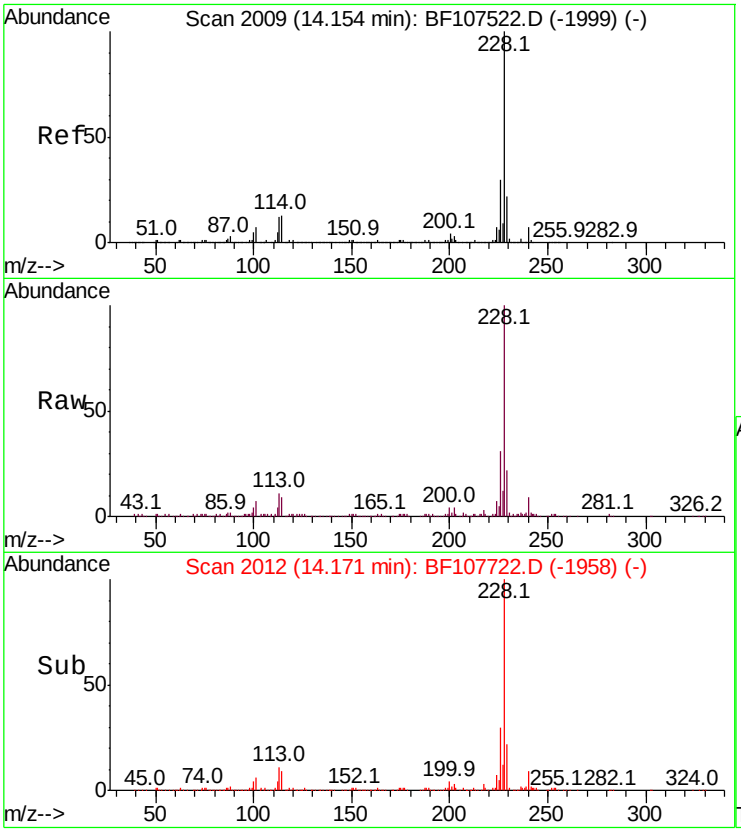


#78
Terphenyl-d14
Concen: 53.042 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:244 Resp: 937802

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.5	11.0	16.4#



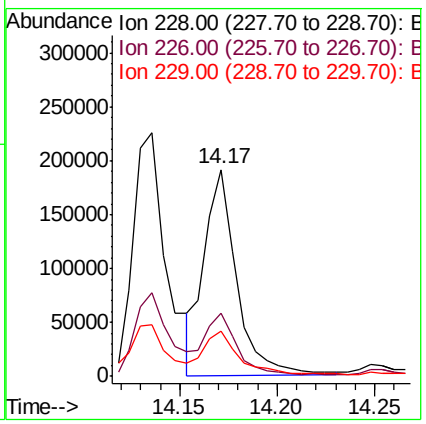


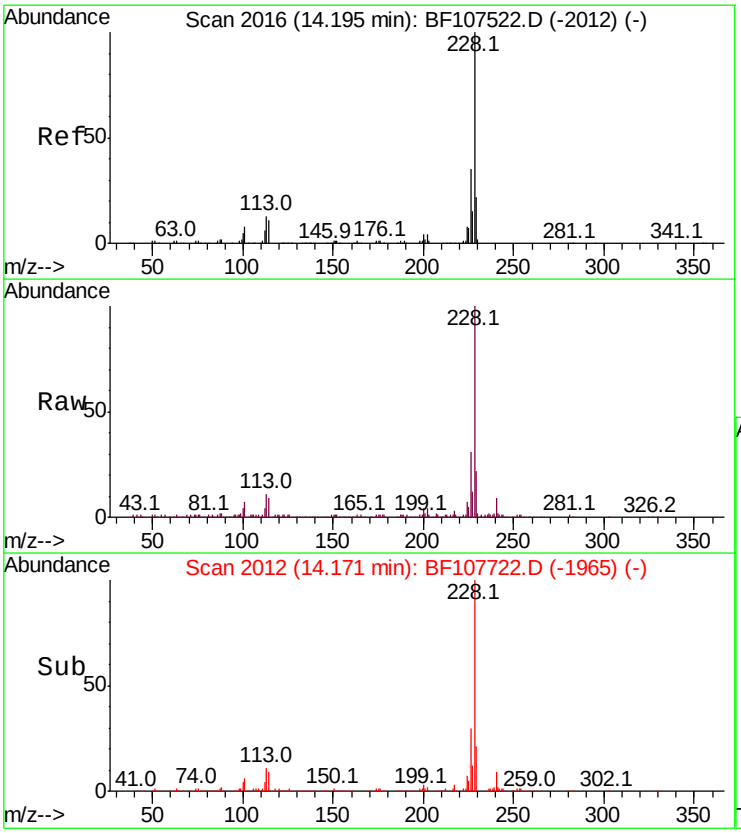
#80
Benzo(a)anthracene
Concen: 8.349 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 221466

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.2	15.8	23.6

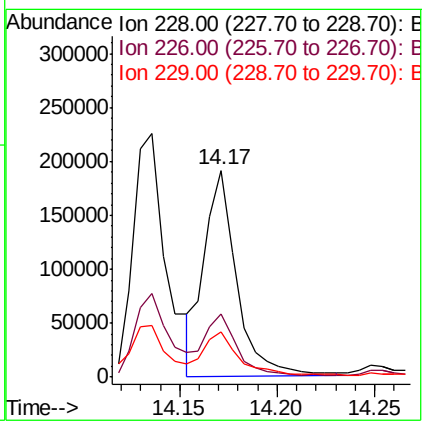


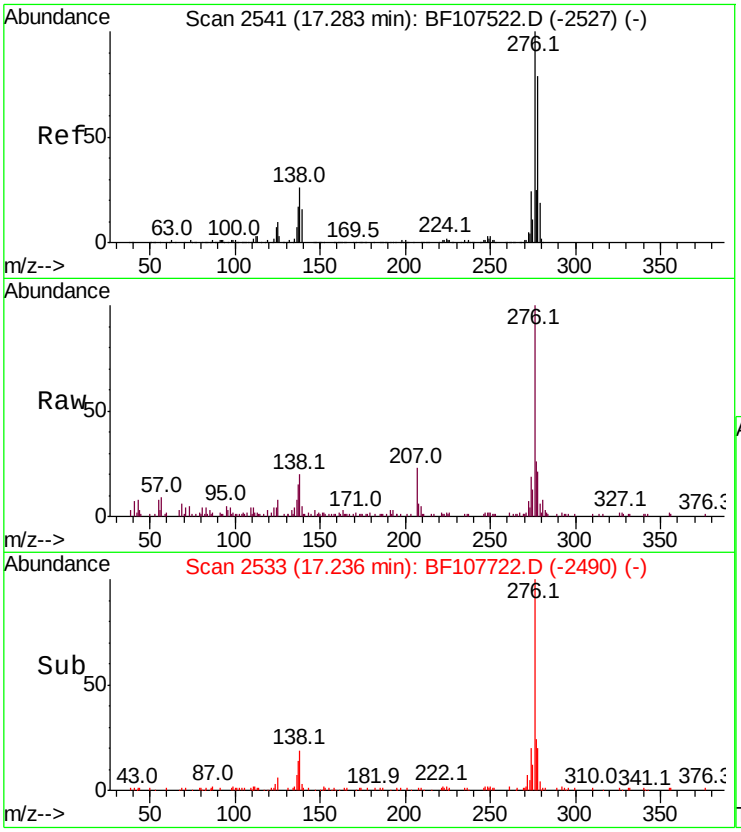


#82
Chrysene
Concen: 8.692 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:228 Resp: 221466

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.2	16.2	24.4



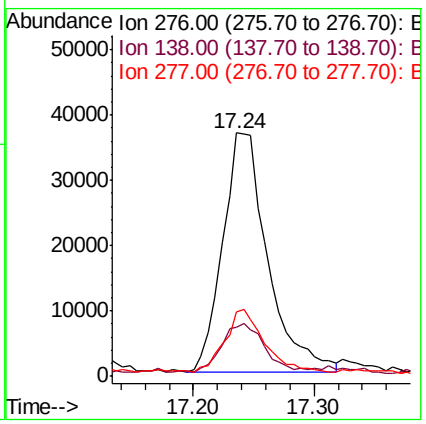


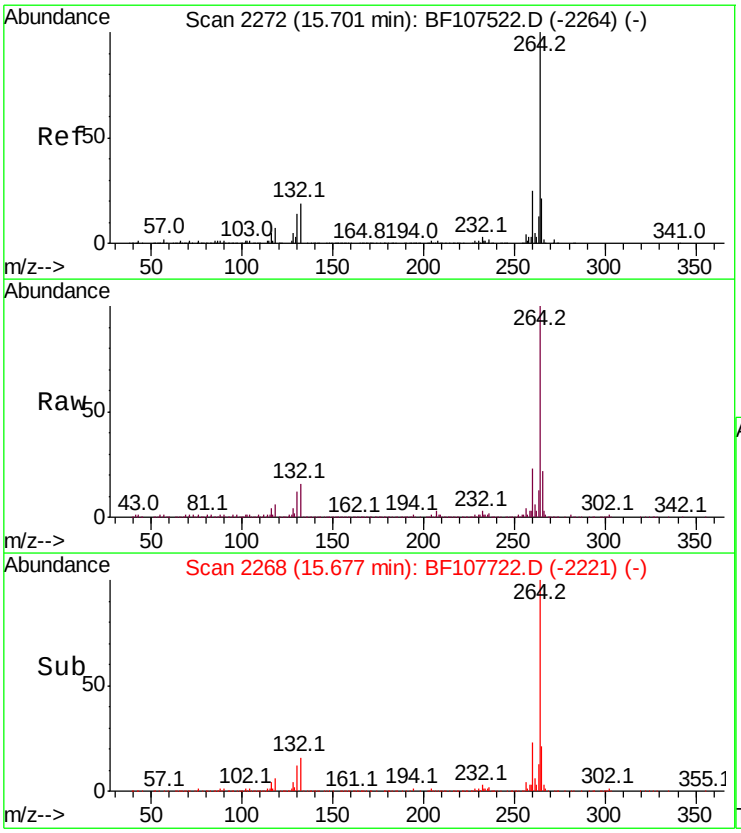
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.387 ng
RT: 17.24 min Scan# 2533
Delta R.T. -0.05 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 94742

Ion	Ratio	Lower	Upper
276	100		
138	19.9	25.0	37.6#
277	23.0	20.1	30.1

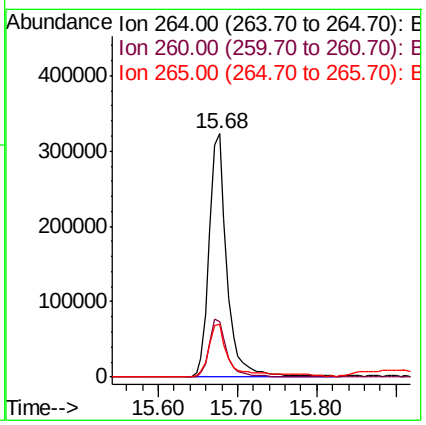


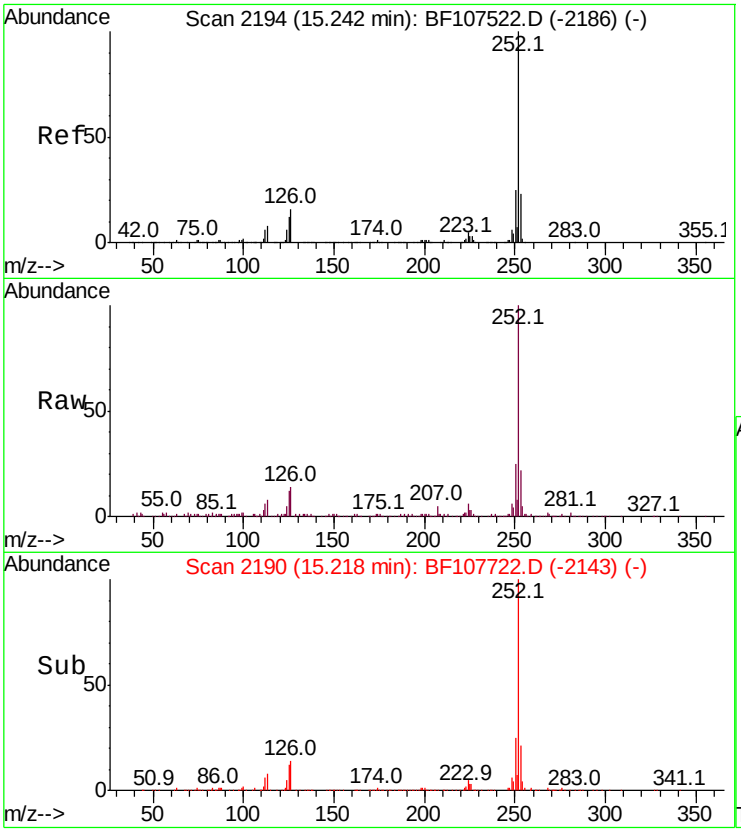


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:264 Resp: 501847

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.5	26.3



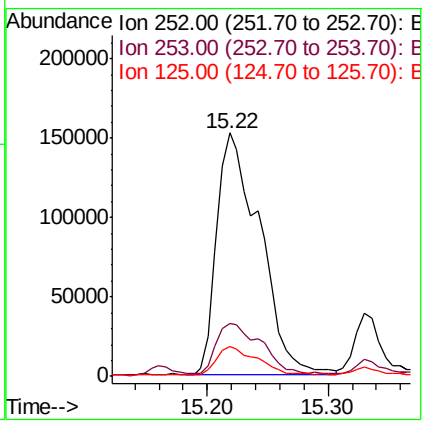


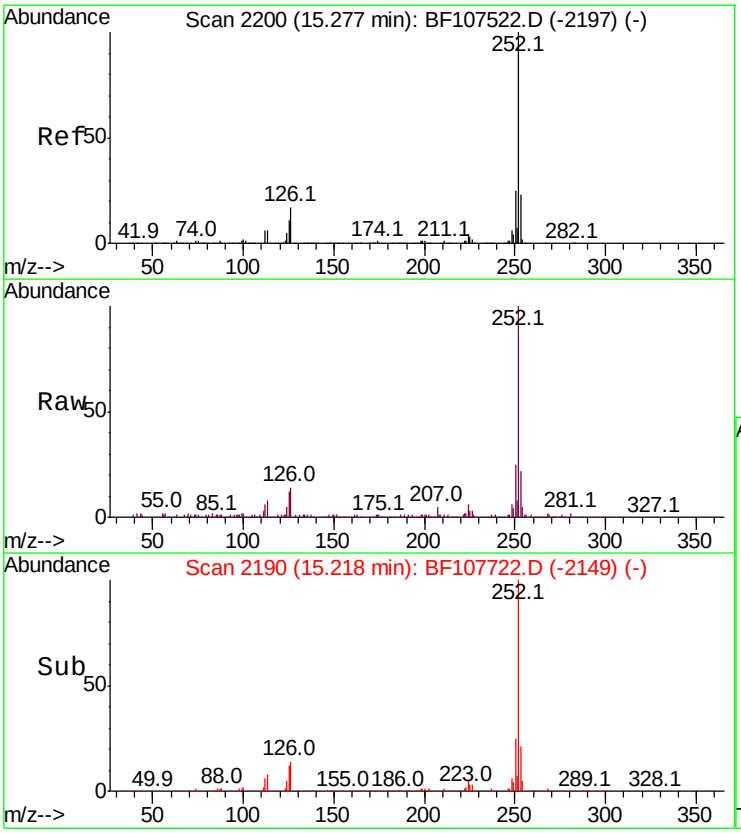
#87
Benzo(b)fluoranthene
Concen: 13.710 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 376554

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.5	9.0	13.6

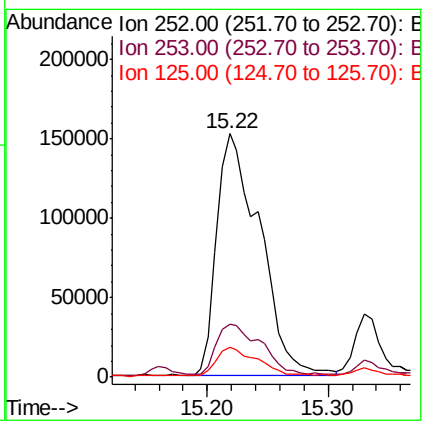


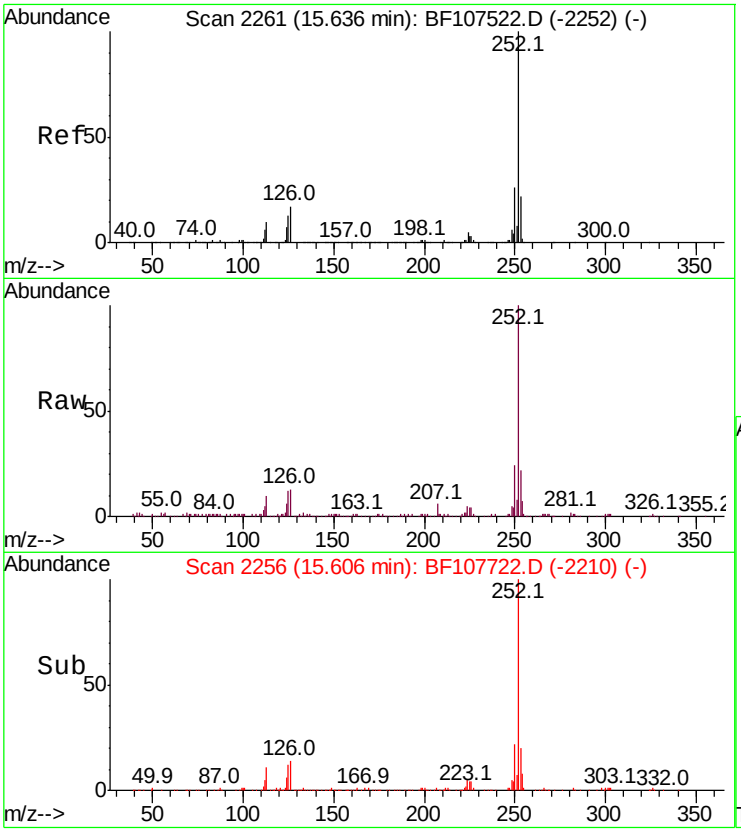


#88
Benzo(k)fluoranthene
Concen: 13.994 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.06 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:252 Resp: 376554

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.5	10.2	15.2



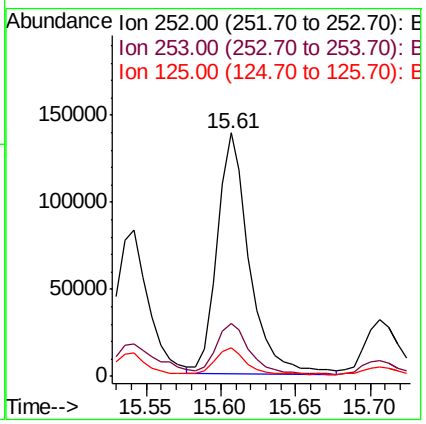


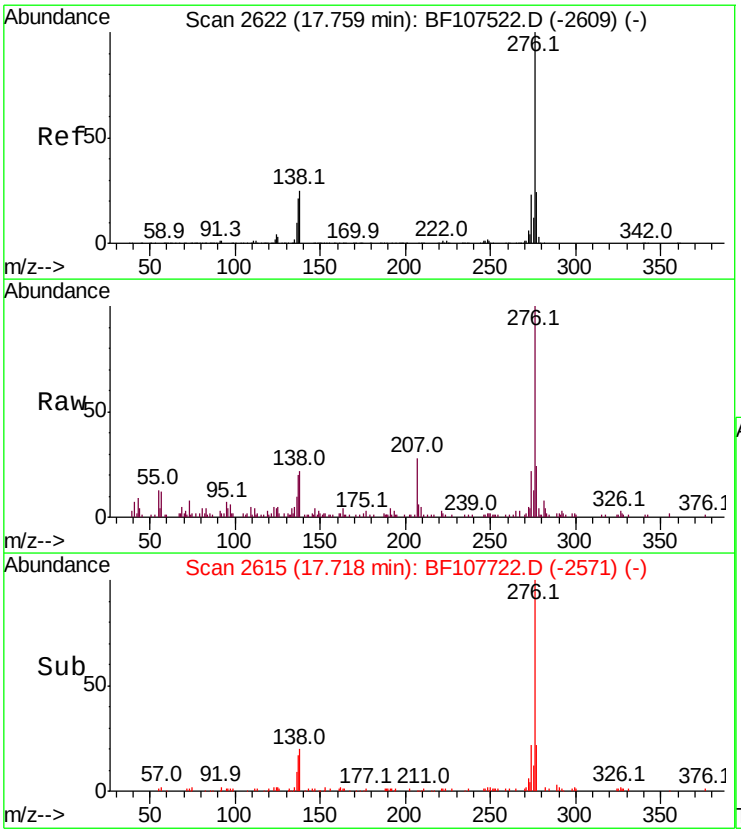
#89
Benzo(a)pyrene
Concen: 8.384 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 210646

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.087 ng
RT: 17.72 min Scan# 2615
Delta R.T. -0.04 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion:276 Resp: 87542

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	22.0	21.8	32.8