Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108742.D
Acq On : 4 Sep 2018 15:53
Operator : JU/SJ
Sample : J4720-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 16:39:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	72247	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	297336	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	138561	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	283204	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	226313	20.00	ng		-0.01
86) Perylene-d12	15.75	264	171488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	201305	48.40	ng		-0.02
7) Phenol-d6	6.62	99	374127	62.81	ng		-0.02
23) Nitrobenzene-d5	7.56	82	262667	44.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.83	330	110689	60.51	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	522540	50.71	ng		-0.02
78) Terphenyl-d14	13.11	244	571965	49.10	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	29934	7.504	ng	#	83
25) Isophorone	7.56	82	264411	27.172	ng	#	64
49) Dimethylphthalate	9.74	163	166398	15.250	ng	#	98
55) 4-Nitrophenol	10.25	139	4825	7.494	ng	#	9
56) 2,4-Dinitrotoluene	10.03	165	17088	5.366	ng	#	23
70) Phenanthrene	11.55	178	396187	27.716	ng		99
71) Anthracene	11.55	178	396187	26.377	ng		99
72) Carbazole	11.79	167	38261	2.634	ng	#	96
74) Fluoranthene	12.75	202	480445	29.859	ng		94
77) Pyrene	12.98	202	379004	22.278	ng		98
79) Butylbenzylphthalate	13.58	149	16952	2.370	ng	#	83
80) Benzo(a)anthracene	14.18	228	104086	7.544	ng		96
82) Chrysene	14.22	228	152169	11.469	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	70686	7.687	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	64949	7.040	ng	#	83
87) Benzo(b)fluoranthene	15.28	252	225083	21.367	ng		98
88) Benzo(k)fluoranthene	15.28	252	225083	21.569	ng		98
89) Benzo(a)pyrene	15.68	252	98817	10.380	ng		98
91) Benzo(g,h,i)perylene	17.85	276	61130	8.272	ng	#	84

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

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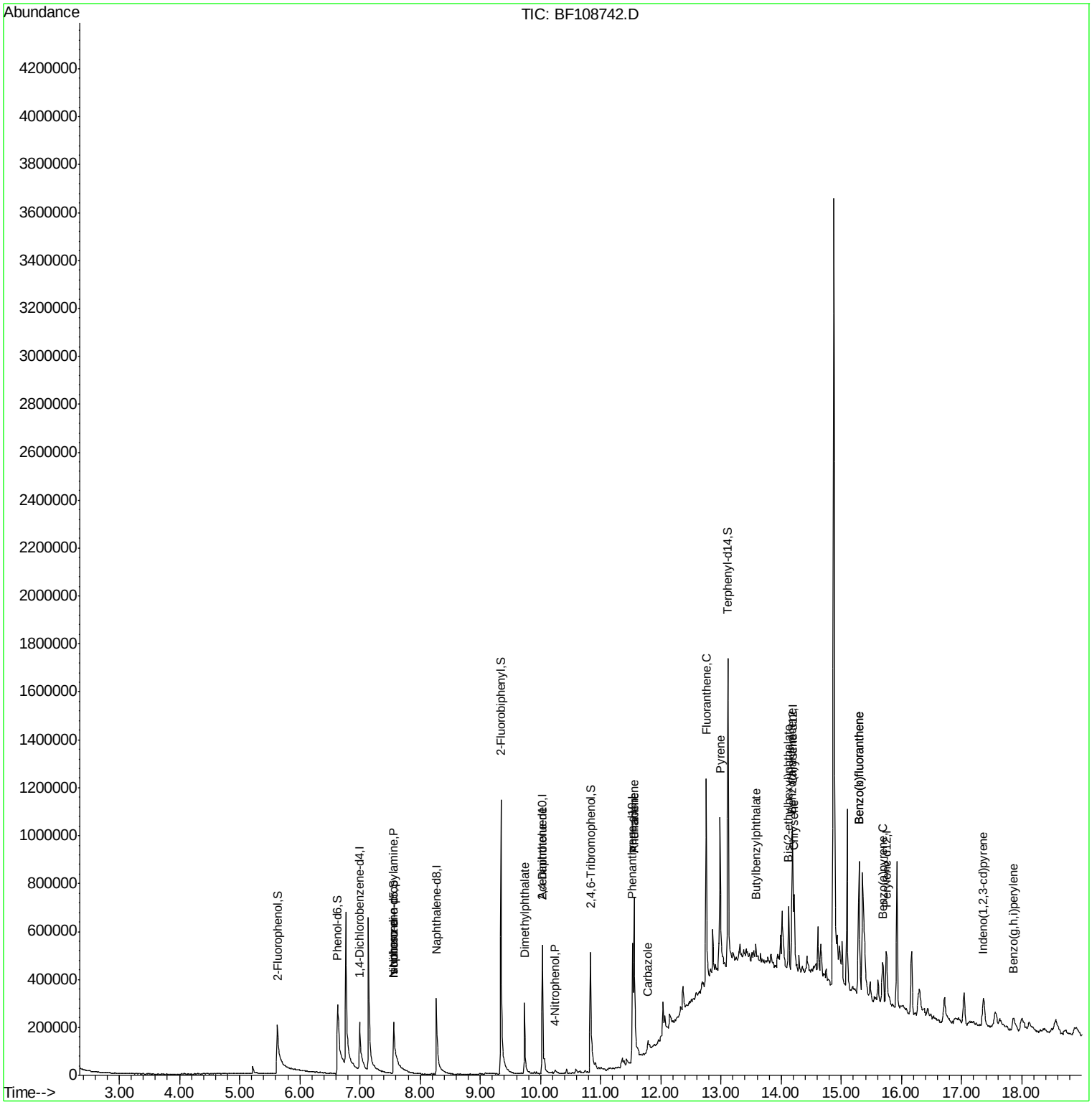
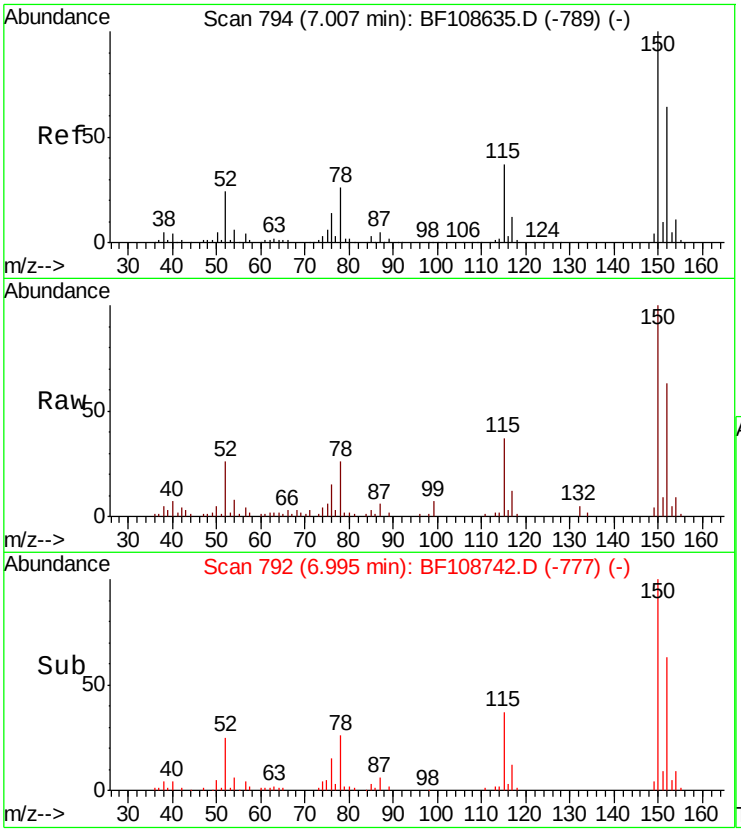


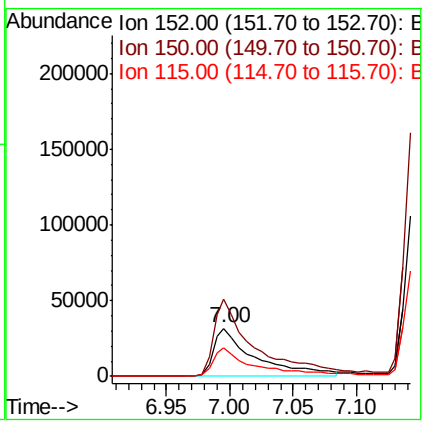


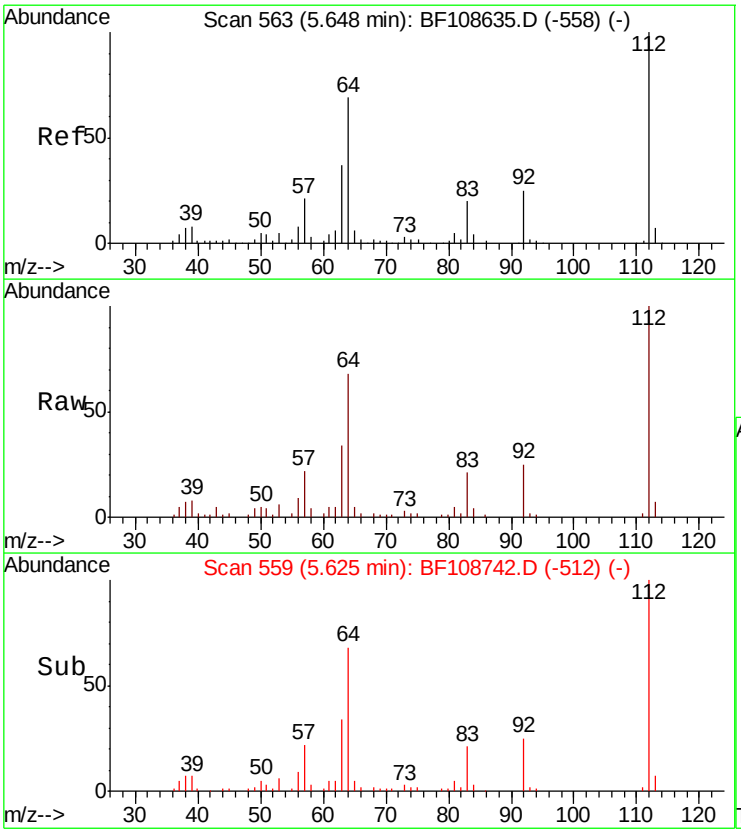
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72247

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	59.2	50.1	75.1

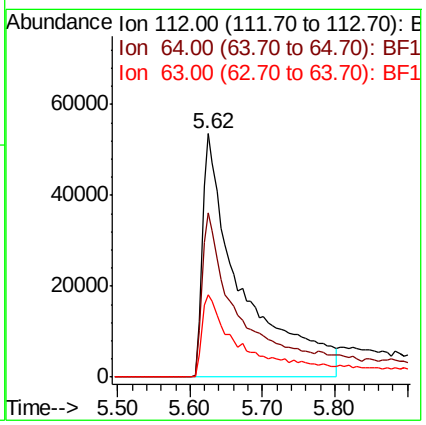


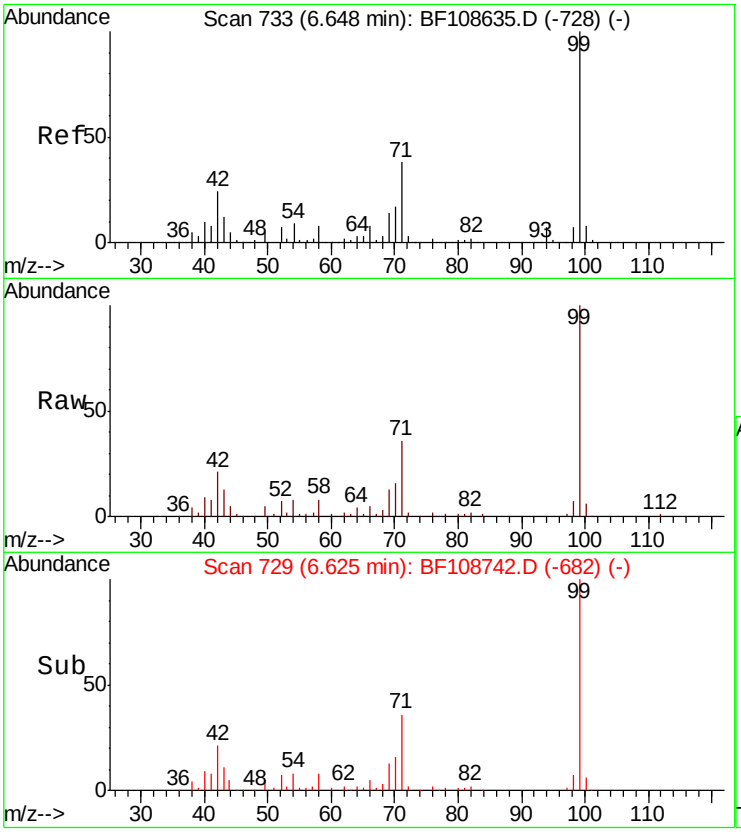


#5
2-Fluorophenol
Concen: 48.404 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:112 Resp: 201305

Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	34.0	23.7	35.5



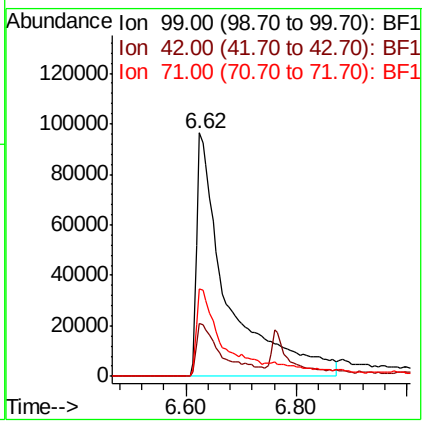


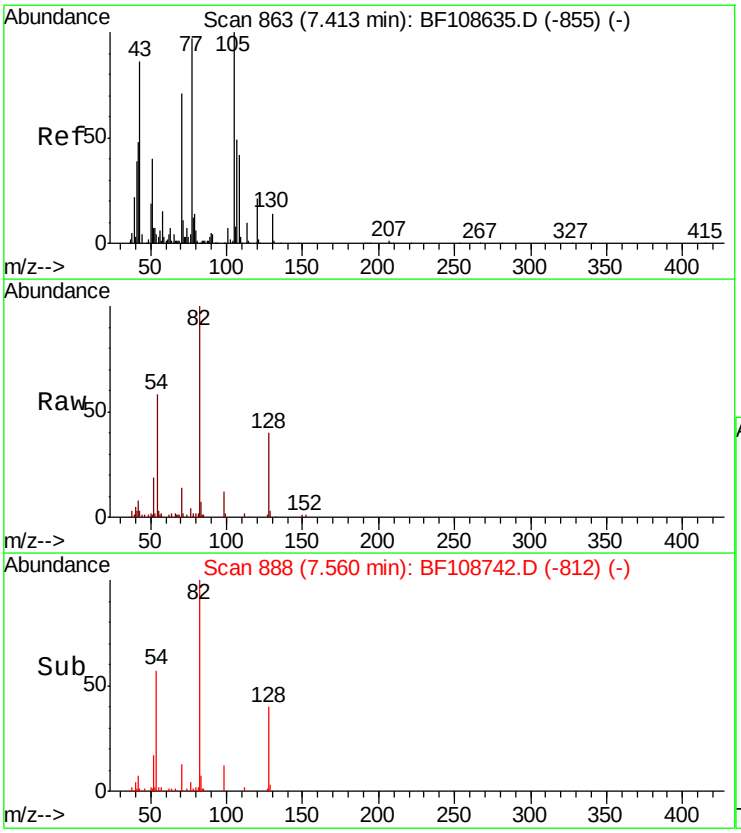
#7
Phenol-d6
Concen: 62.810 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 374127

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	36.1	25.4	38.0

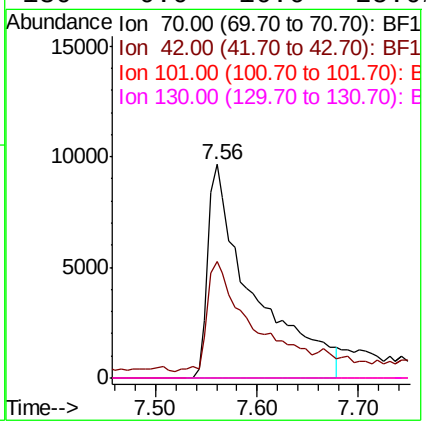


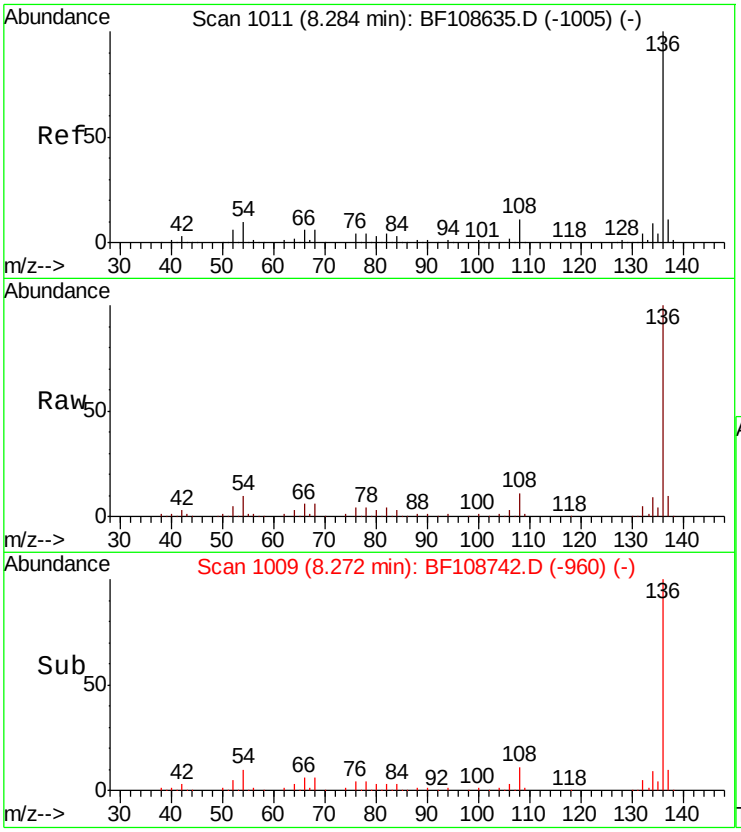


#19
n-Nitroso-di-n-propylamine
Concen: 7.504 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion: 70 Resp: 29934

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



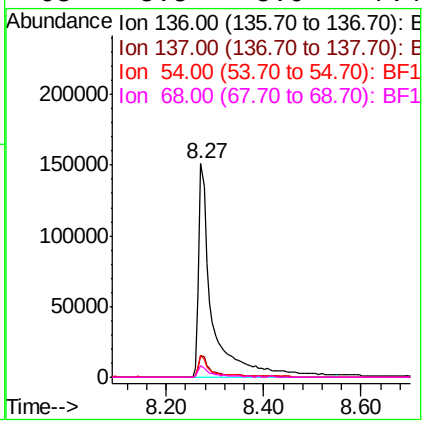


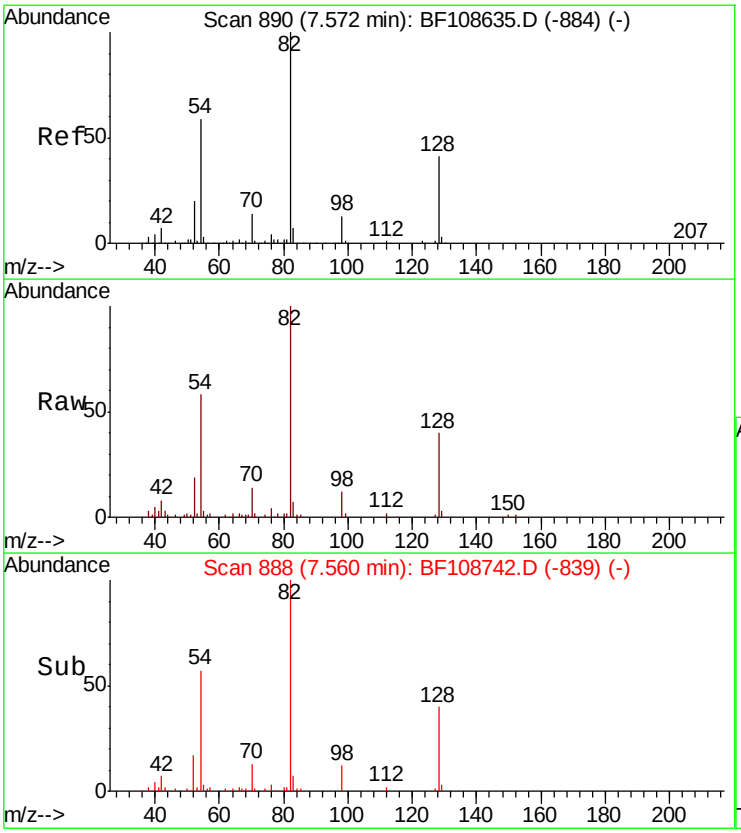
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 297336

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.4	6.6	9.8#
68	5.5	5.0	7.4

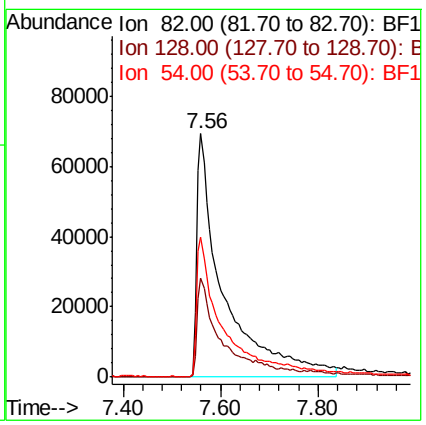


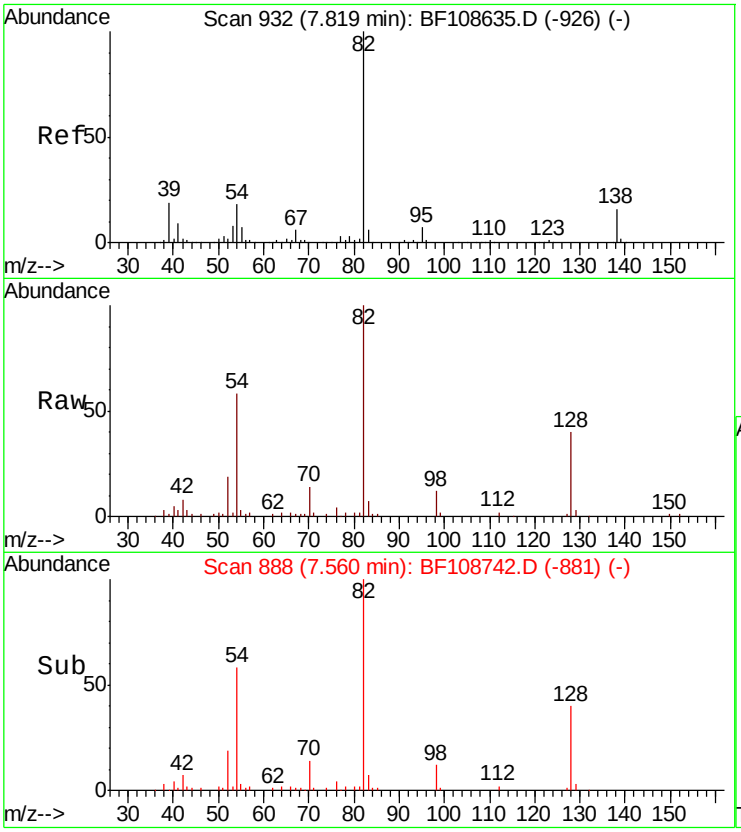


#23
Nitrobenzene-d5
Concen: 44.840 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion: 82 Resp: 262667

Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	57.6	41.4	62.2



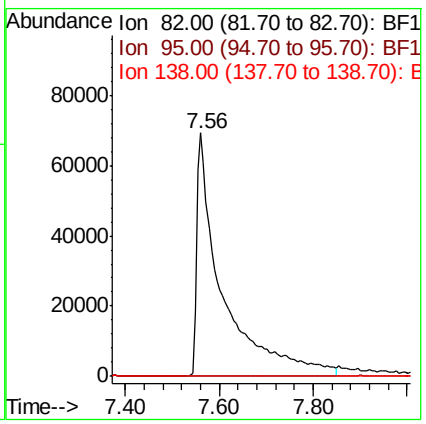


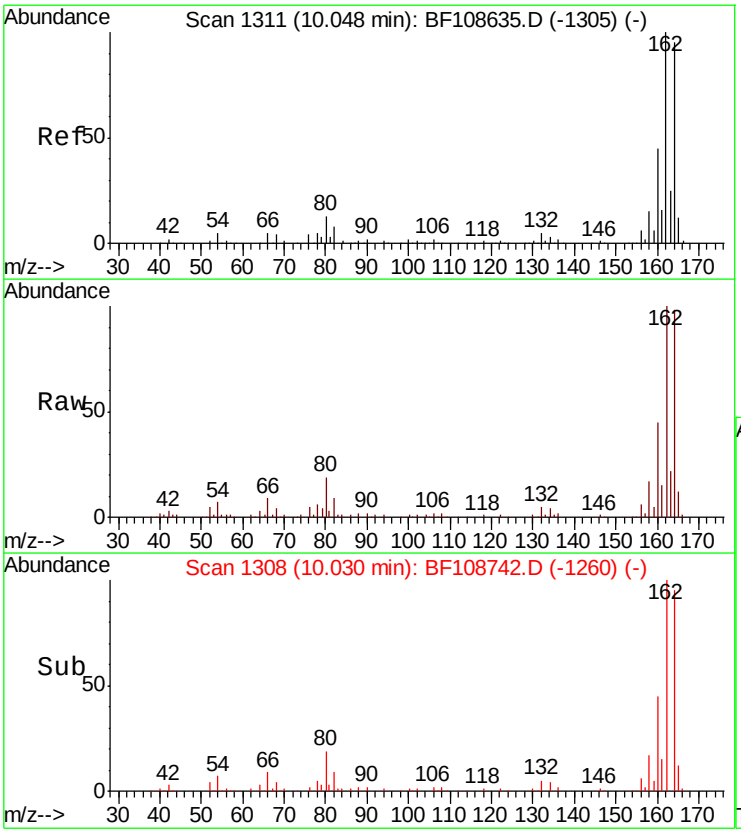
#25
Isophorone
Concen: 27.172 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 264411

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

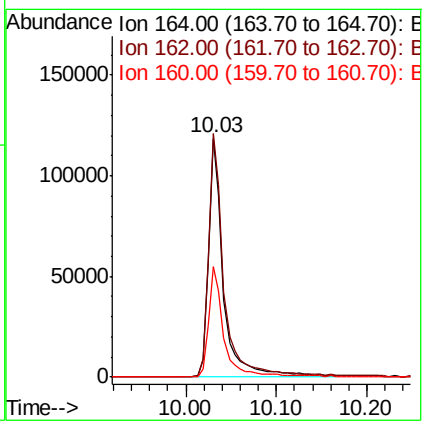


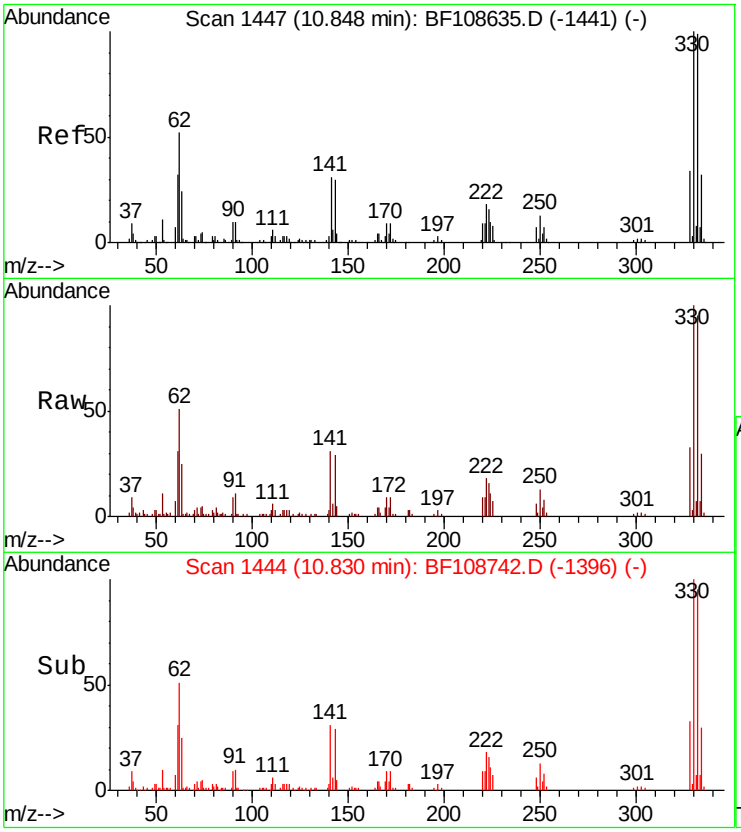


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:164 Resp: 138561

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.1	38.3	57.5



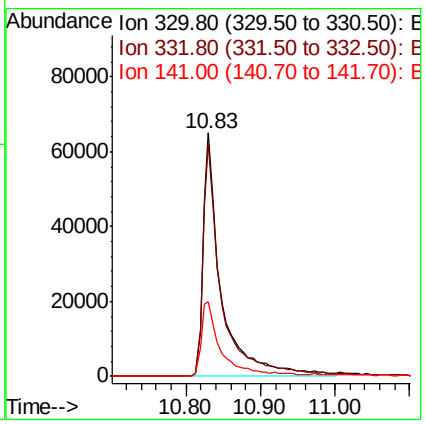


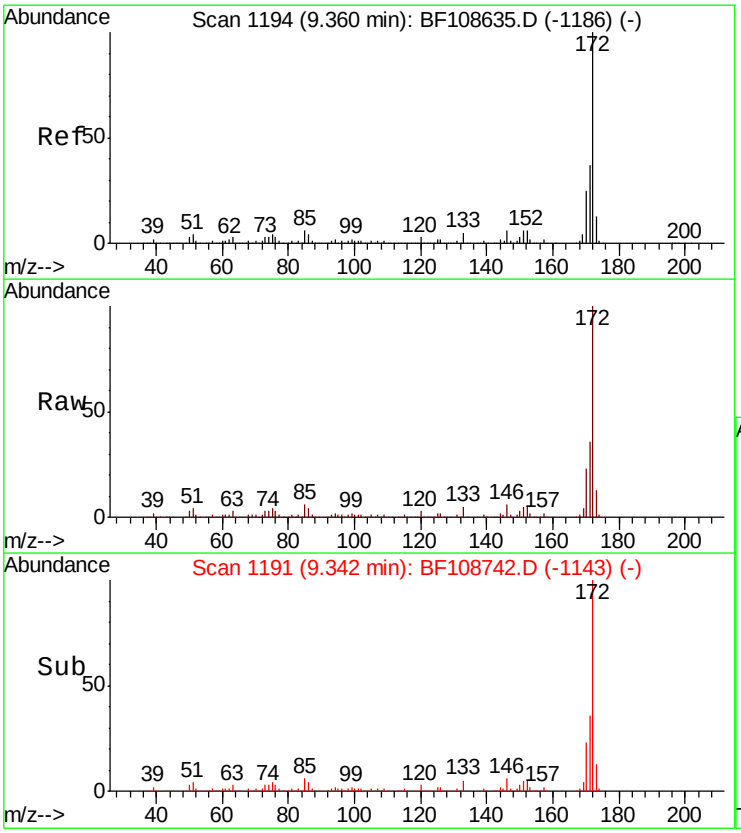
#41
2,4,6-Tribromophenol
Concen: 60.513 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 110689

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.9	29.9	44.9

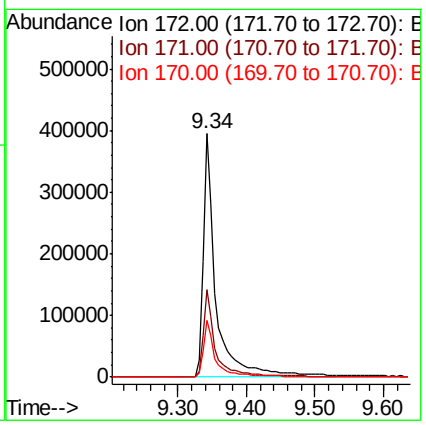


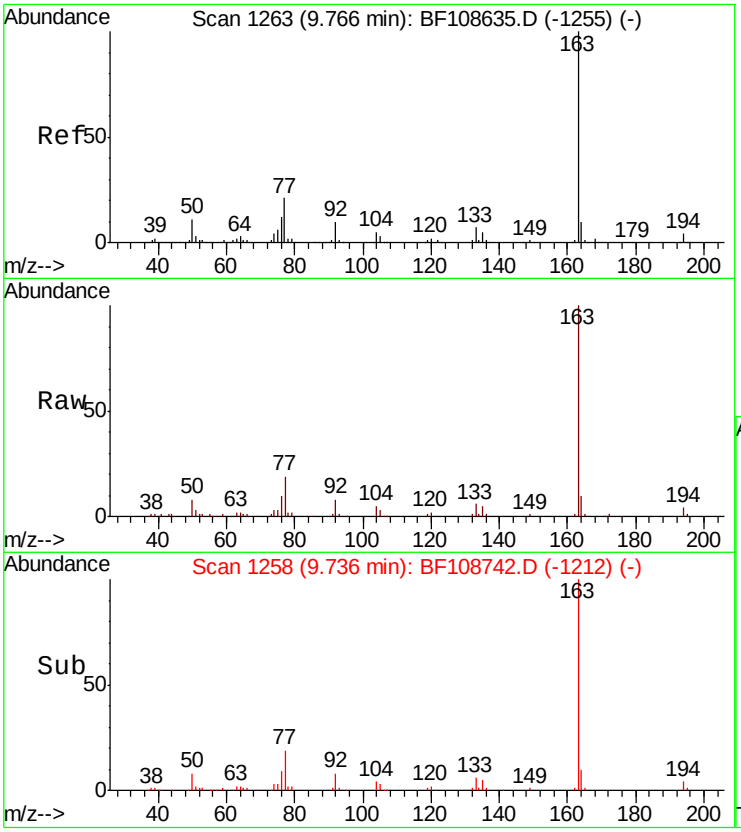


#44
2-Fluorobiphenyl
Concen: 50.707 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:172 Resp: 522540

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	19.6	29.4



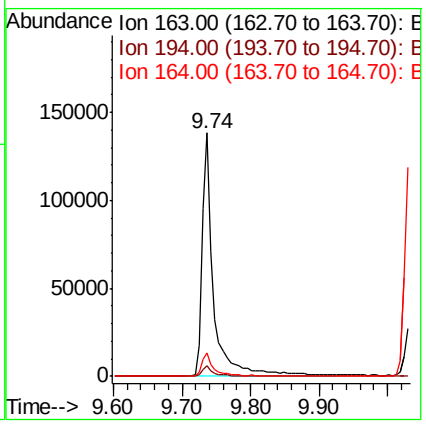


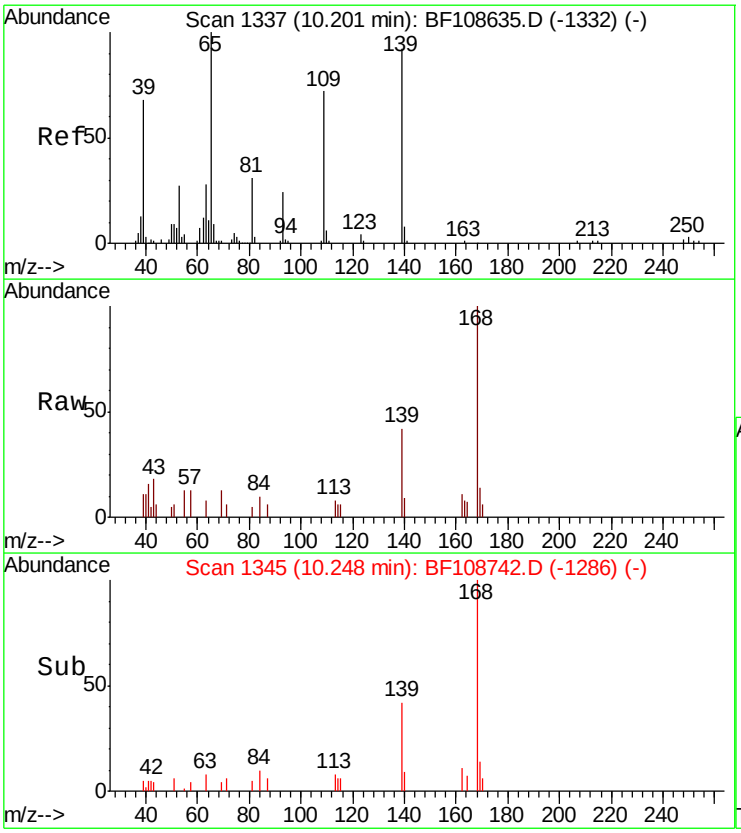
#49
Dimethylphthalate
Concen: 15.250 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 166398

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.8	8.2	12.2

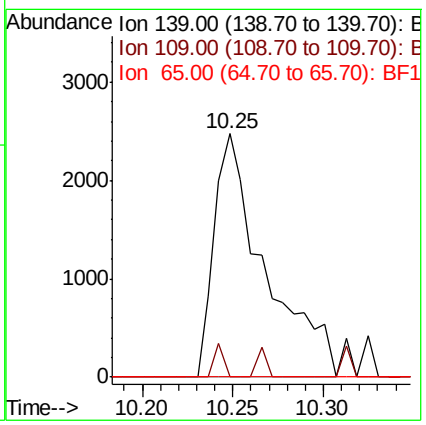


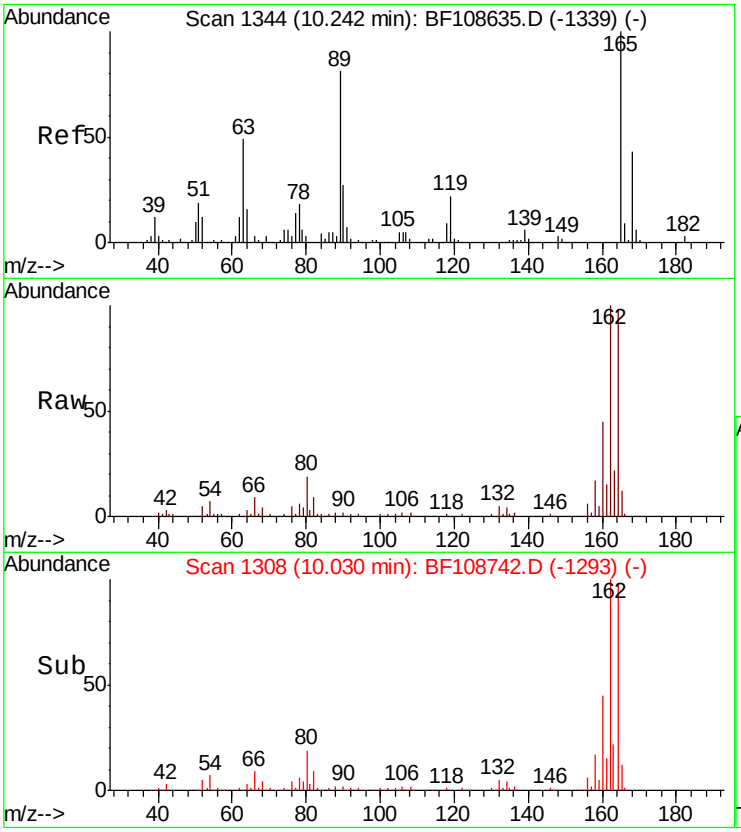


#55
4-Nitrophenol
Concen: 7.494 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.05 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:139 Resp: 4825

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



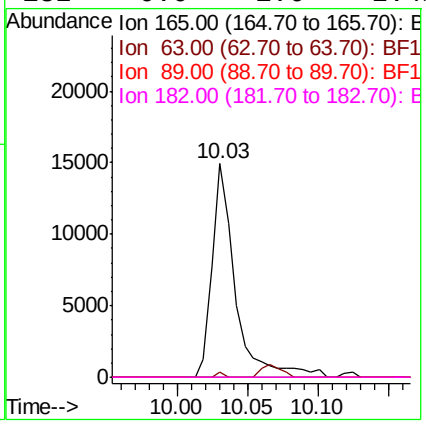


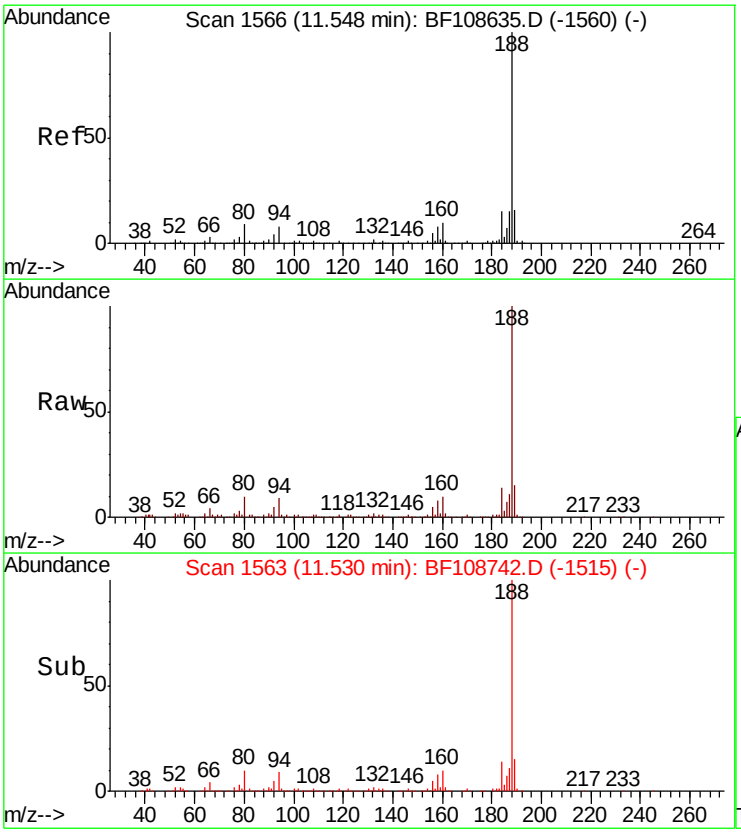
#56
2,4-Dinitrotoluene
Concen: 5.366 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17088

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

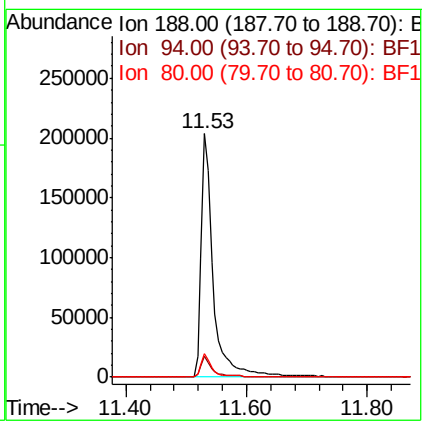


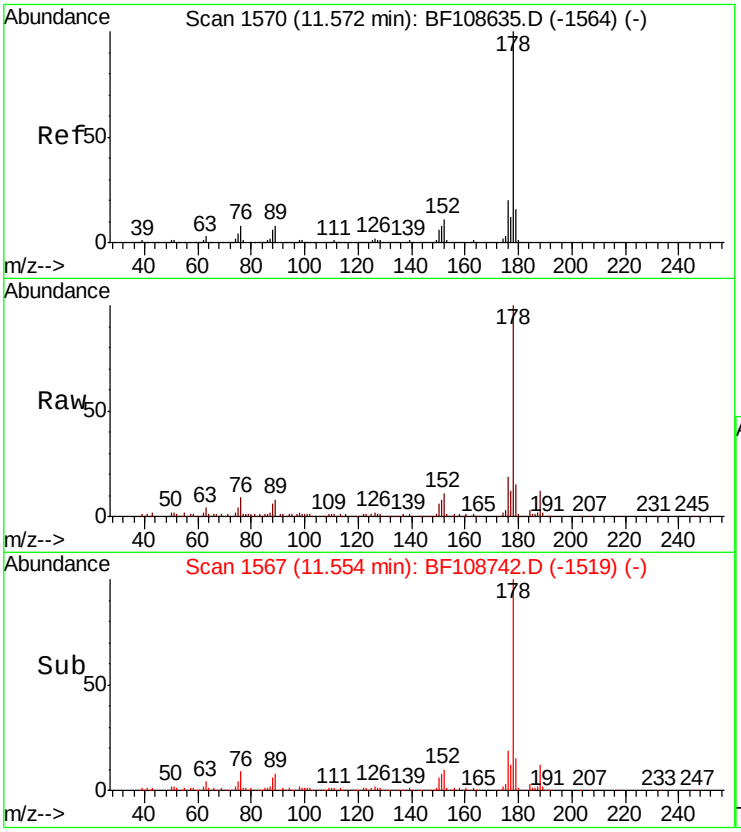


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:188 Resp: 283204

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8



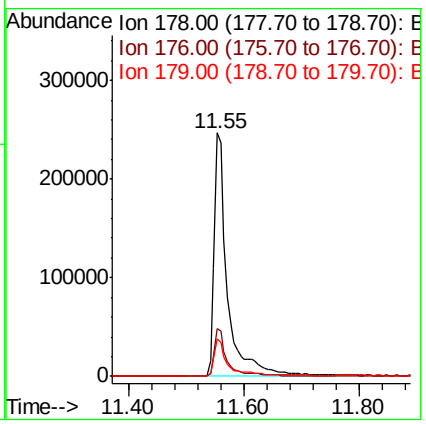


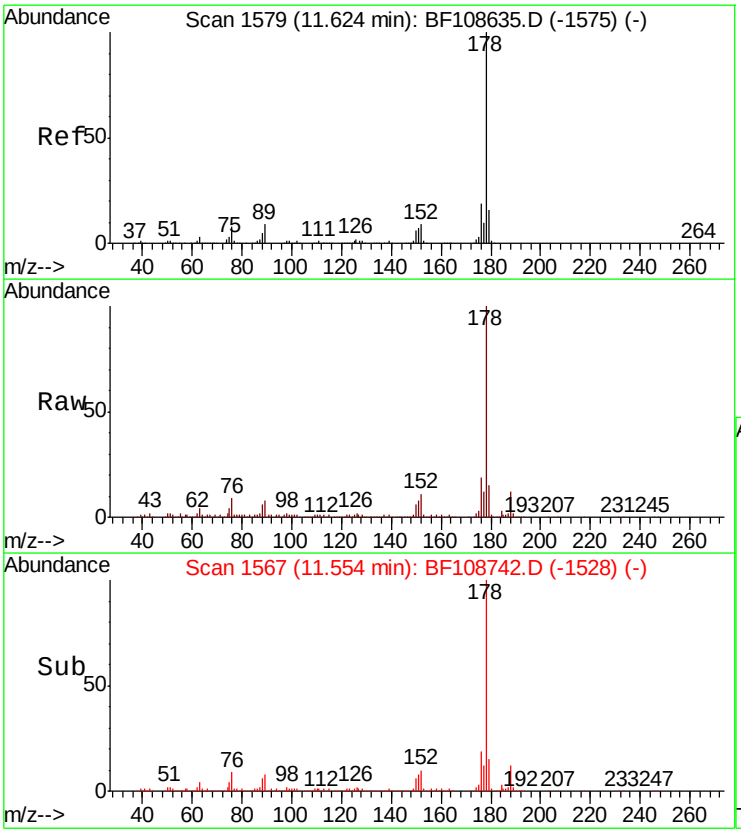
#70
Phenanthrene
Concen: 27.716 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 396187

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

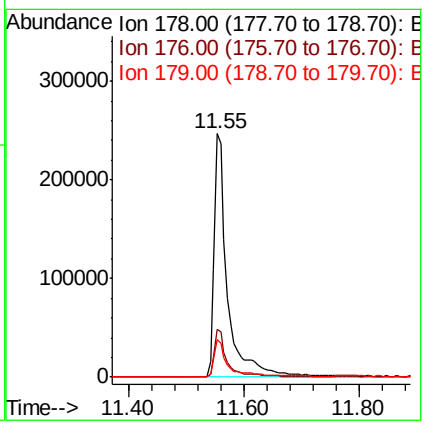


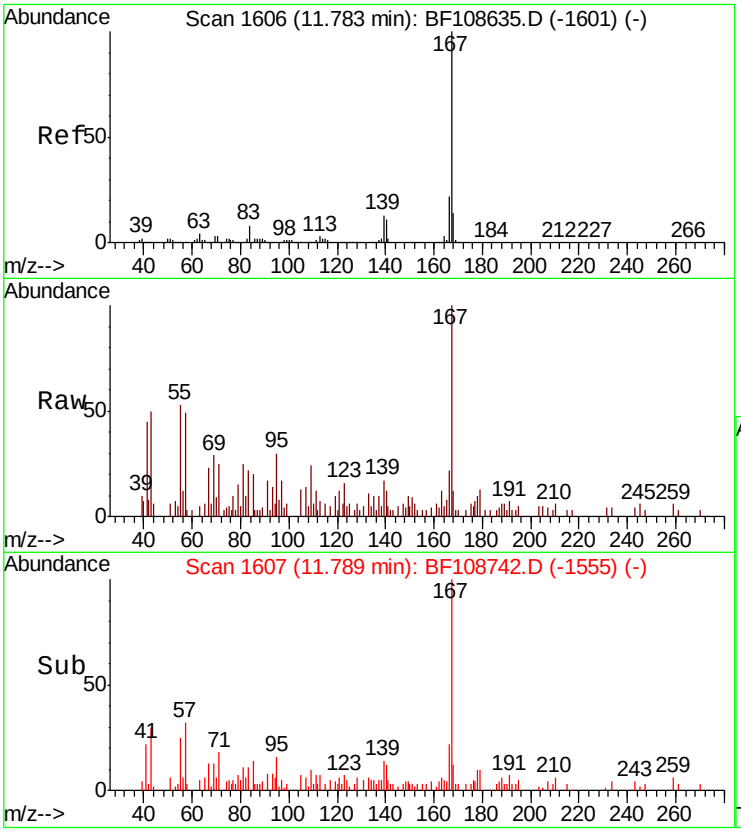


#71
Anthracene
Concen: 26.377 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.07 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:178 Resp: 396187

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.6	19.0



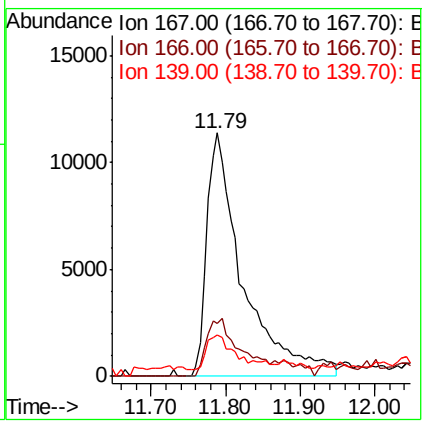


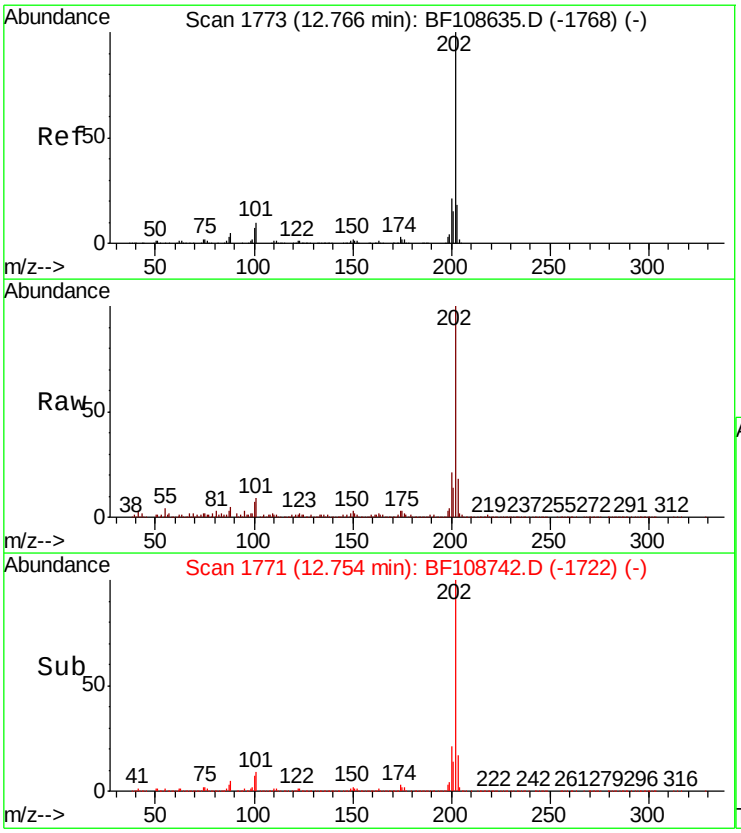
#72
Carbazole
Concen: 2.634 ng
RT: 11.79 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 38261

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	17.1	10.9	16.3#

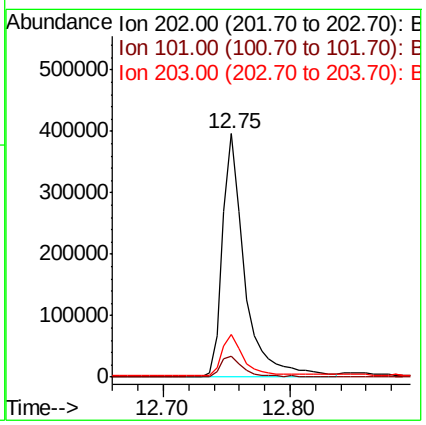


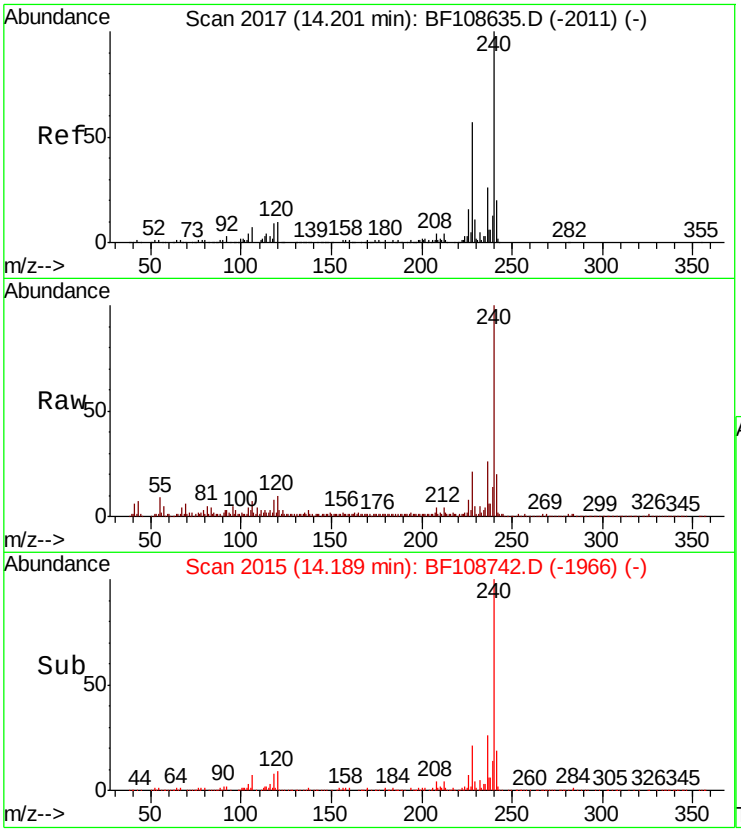


#74
Fluoranthene
Concen: 29.859 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:202 Resp: 480445

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.1
203	17.6	0.0	38.1



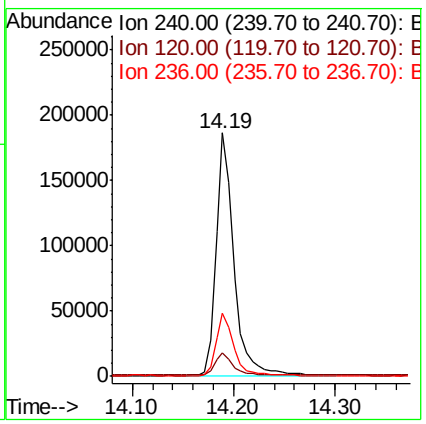


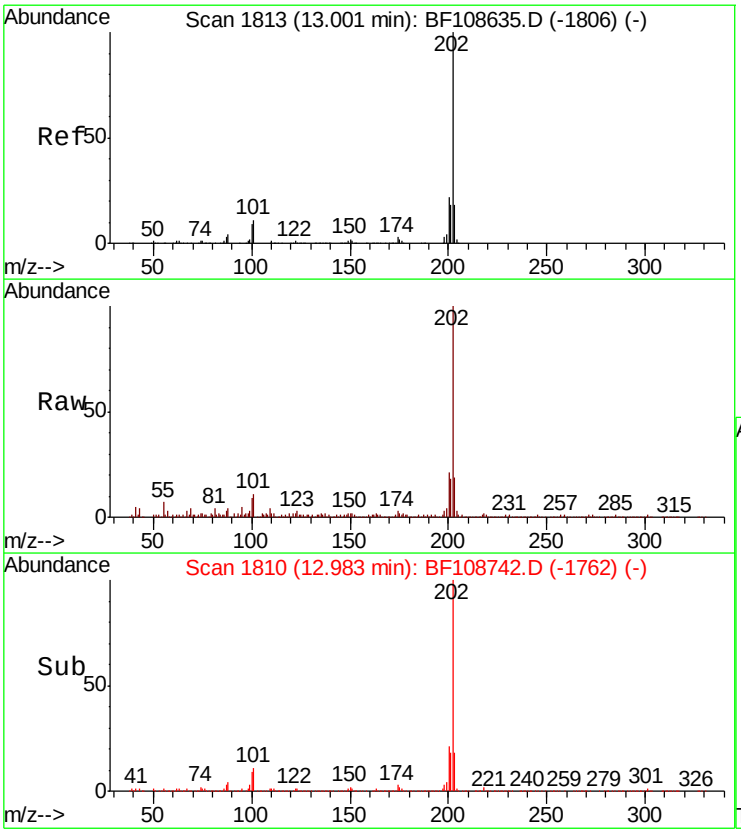
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 226313

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.0	20.7	31.1

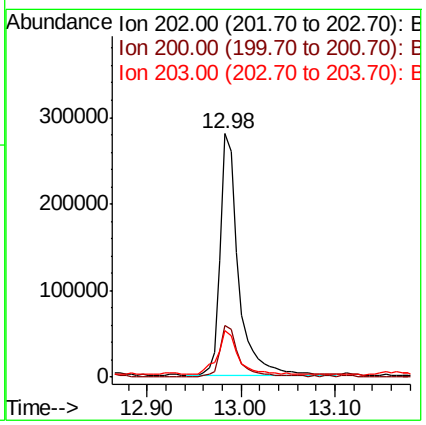


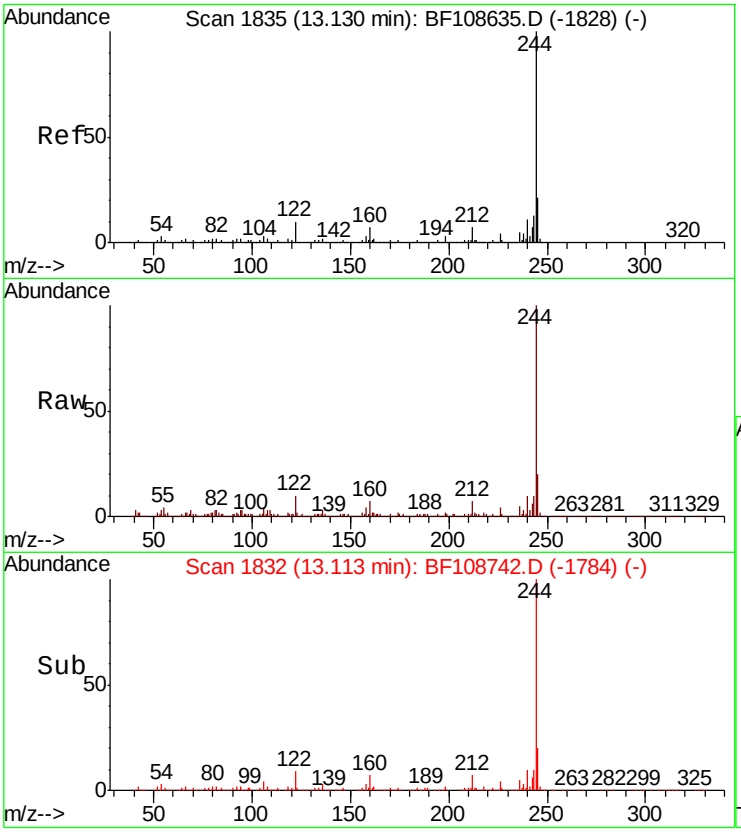


#77
Pyrene
Concen: 22.278 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:202 Resp: 379004

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.0	14.3	21.5



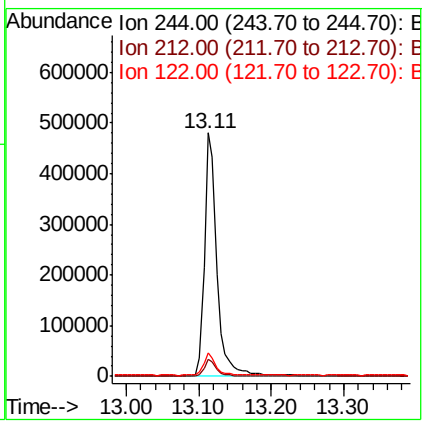


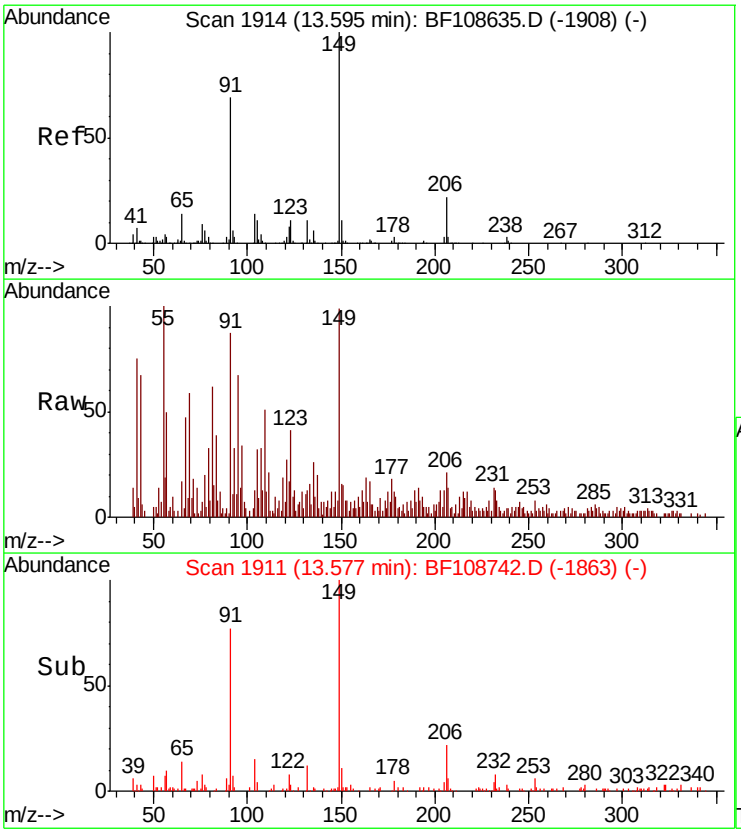
#78
Terphenyl-d14
Concen: 49.105 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 571965

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.6	11.0	16.4#

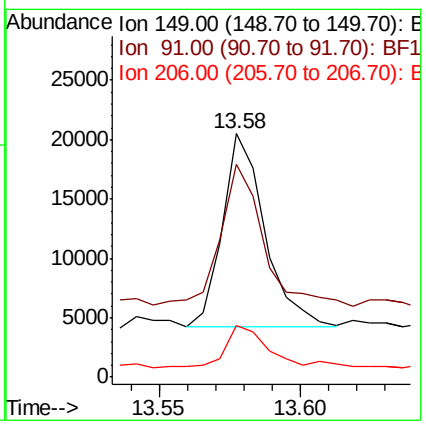


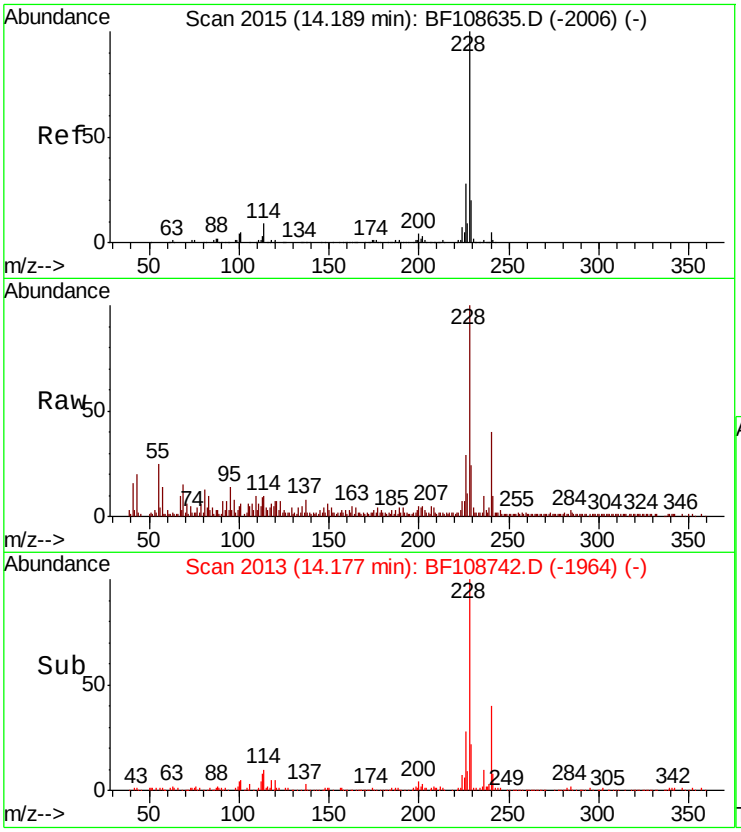


#79
Butylbenzylphthalate
Concen: 2.370 ng
RT: 13.58 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:149 Resp: 16952

Ion	Ratio	Lower	Upper
149	100		
91	87.3	56.8	85.2#
206	21.0	14.1	21.1



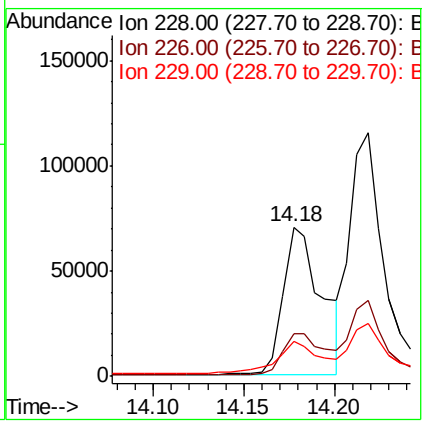


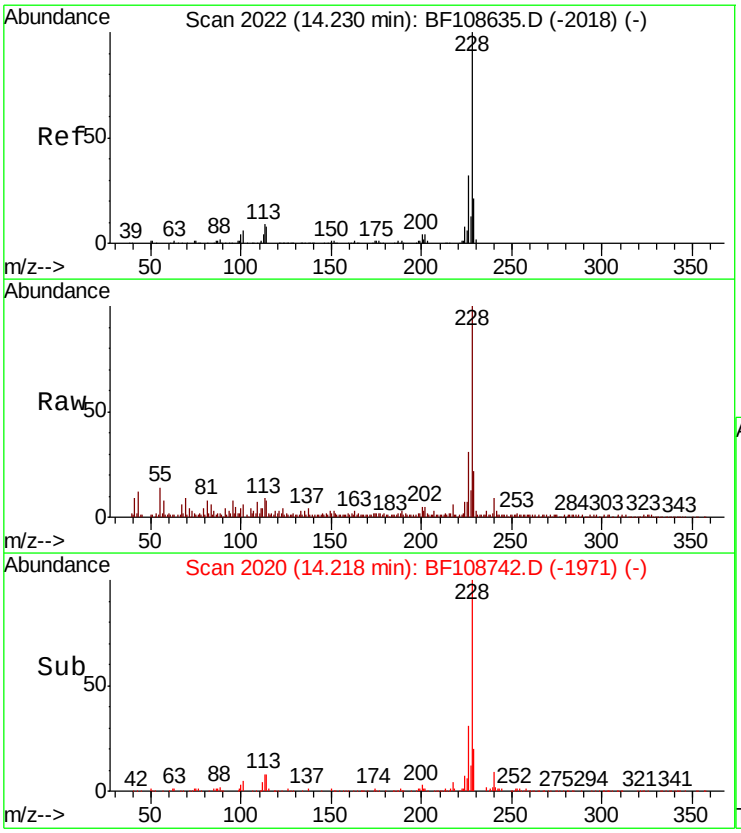
#80
Benzo(a)anthracene
Concen: 7.544 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 104086

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	23.6	15.8	23.6

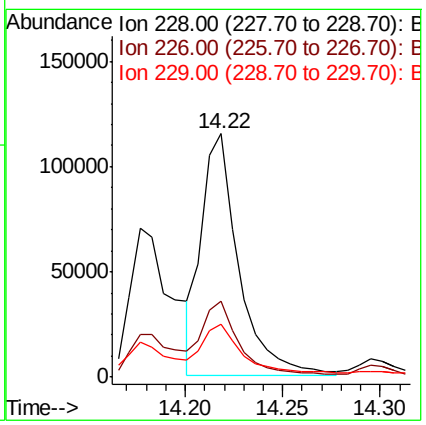


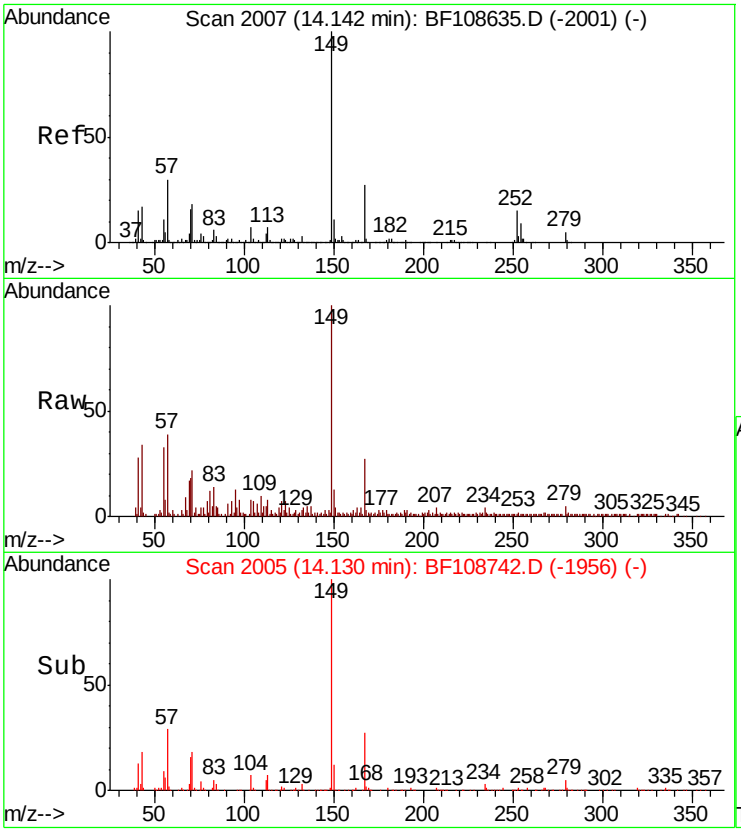


#82
Chrysene
Concen: 11.469 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:228 Resp: 152169

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.9	16.2	24.4



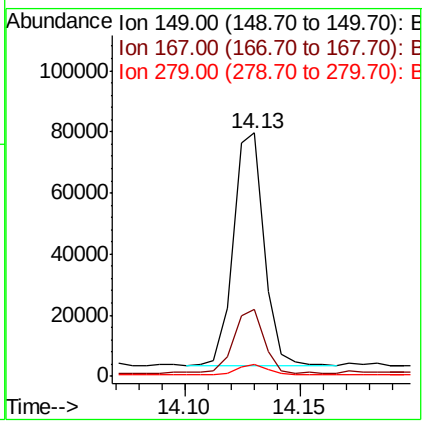


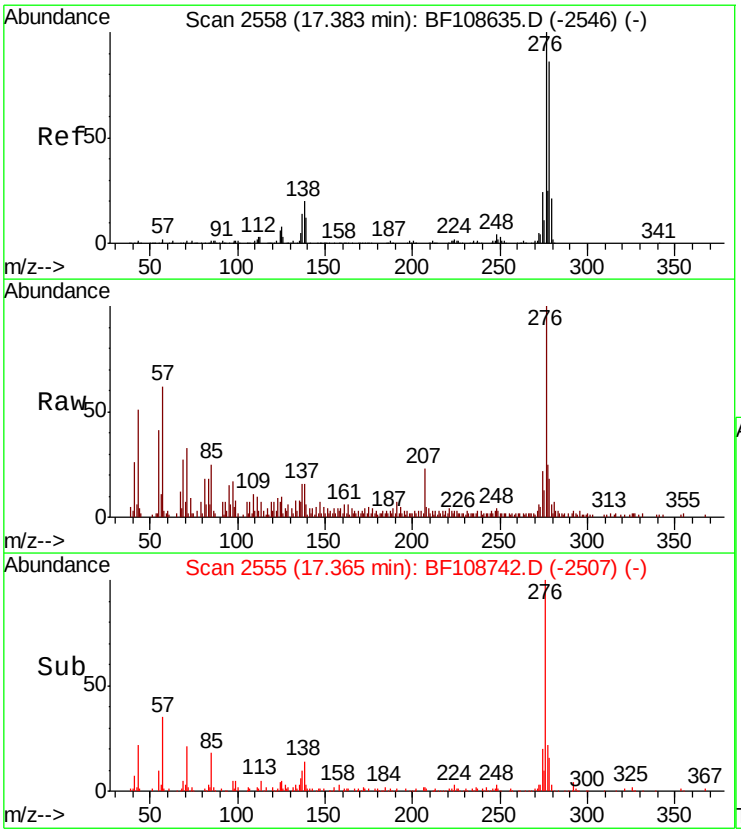
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.687 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 70686

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	5.0	3.0	4.4#

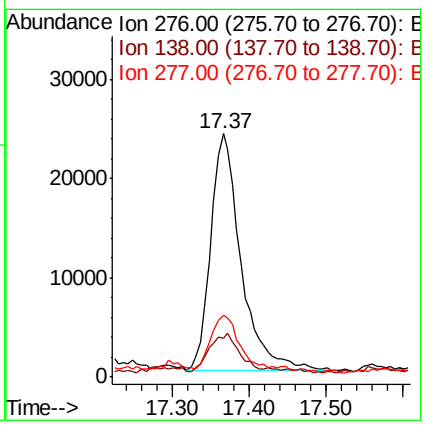


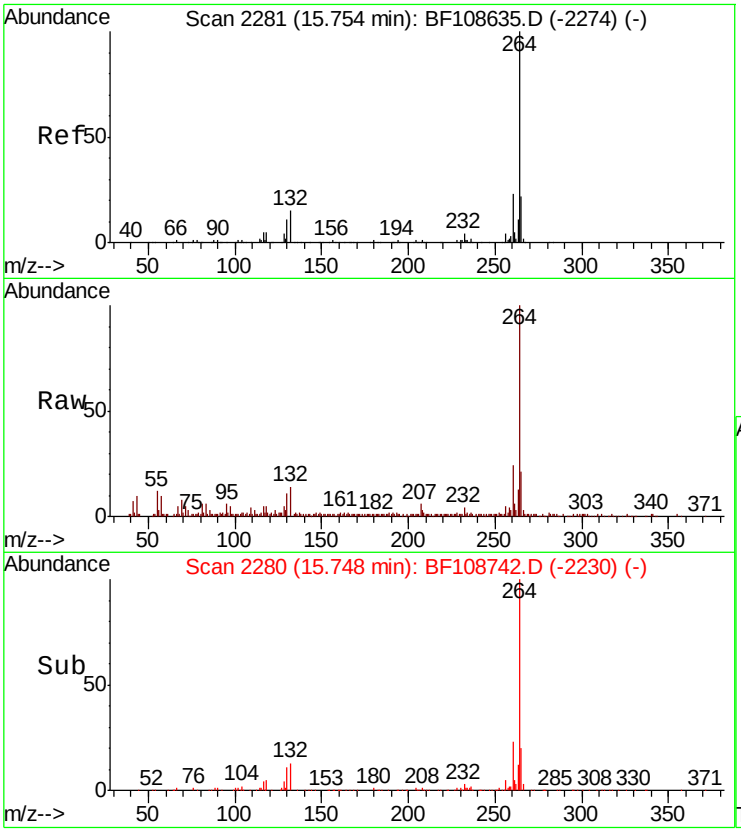


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.040 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:276 Resp: 64949

Ion	Ratio	Lower	Upper
276	100		
138	16.0	25.0	37.6#
277	22.8	20.1	30.1



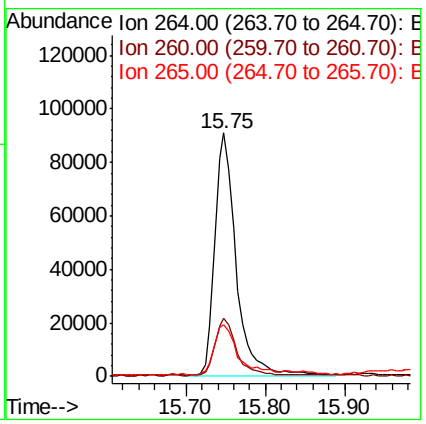


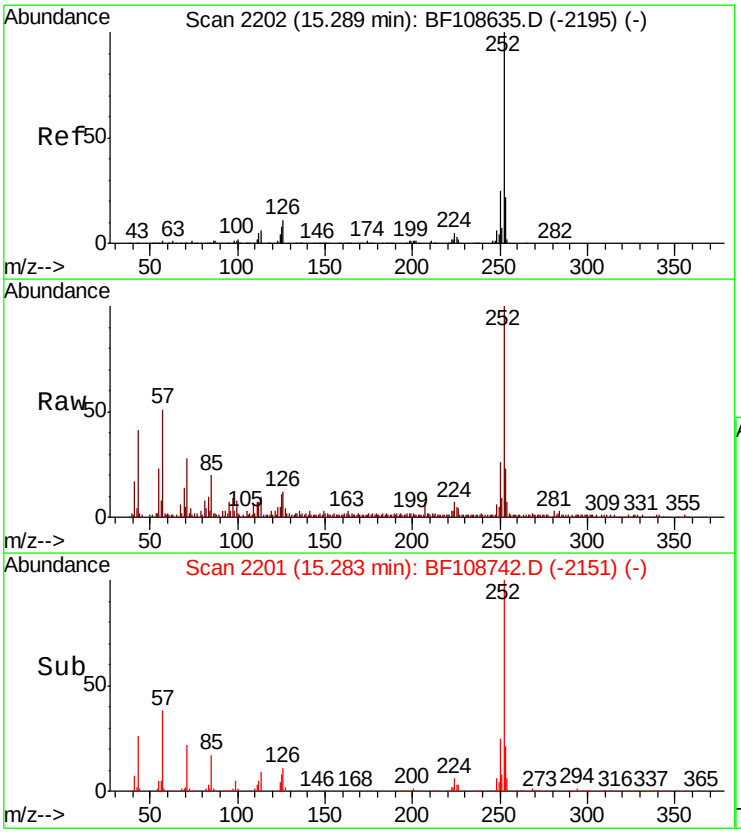
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 171488

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

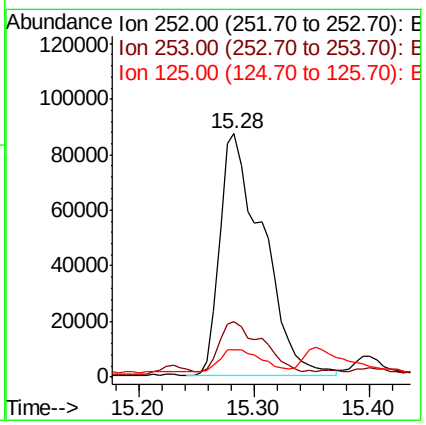


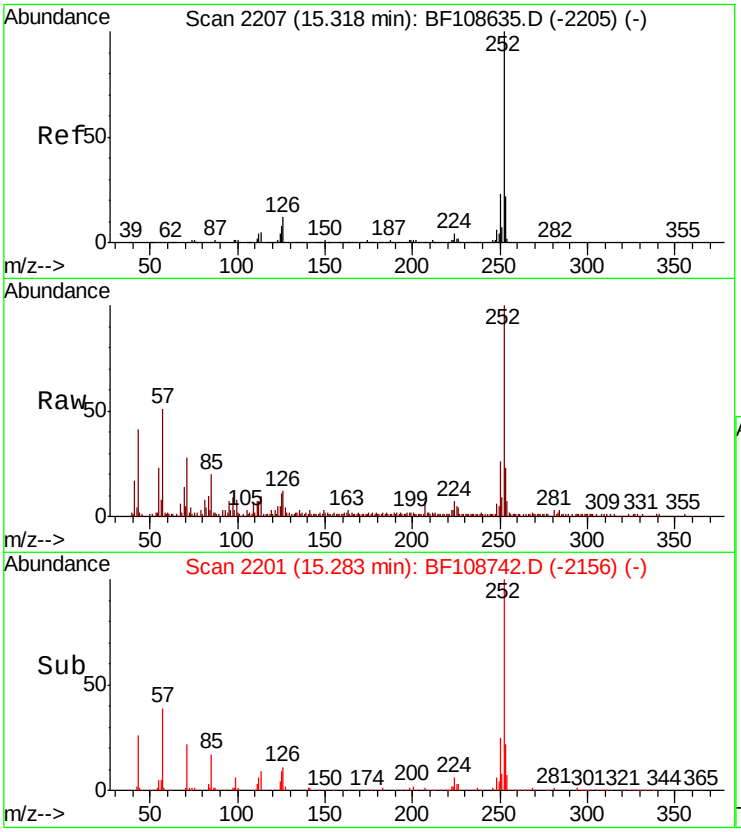


#87
Benzo(b)fluoranthene
Concen: 21.367 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:252 Resp: 225083

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	11.2	9.0	13.6



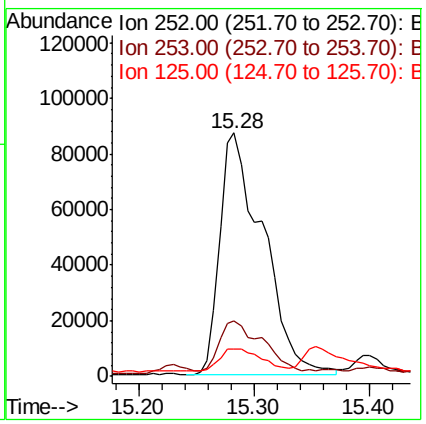


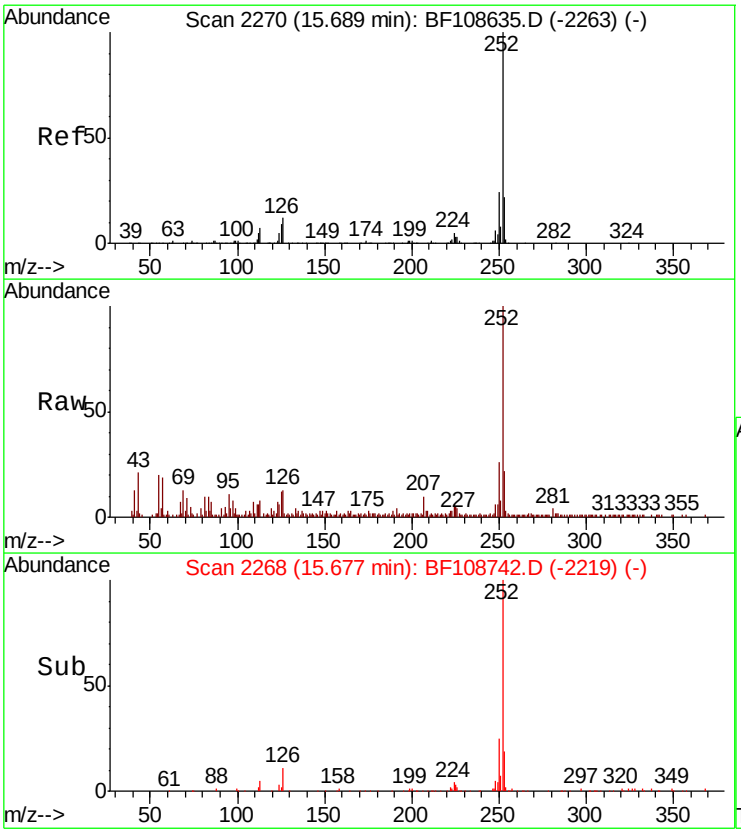
#88
Benzo(k)fluoranthene
Concen: 21.569 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 225083

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.2	10.2	15.2

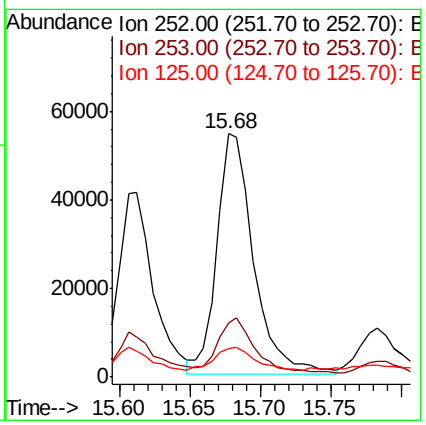


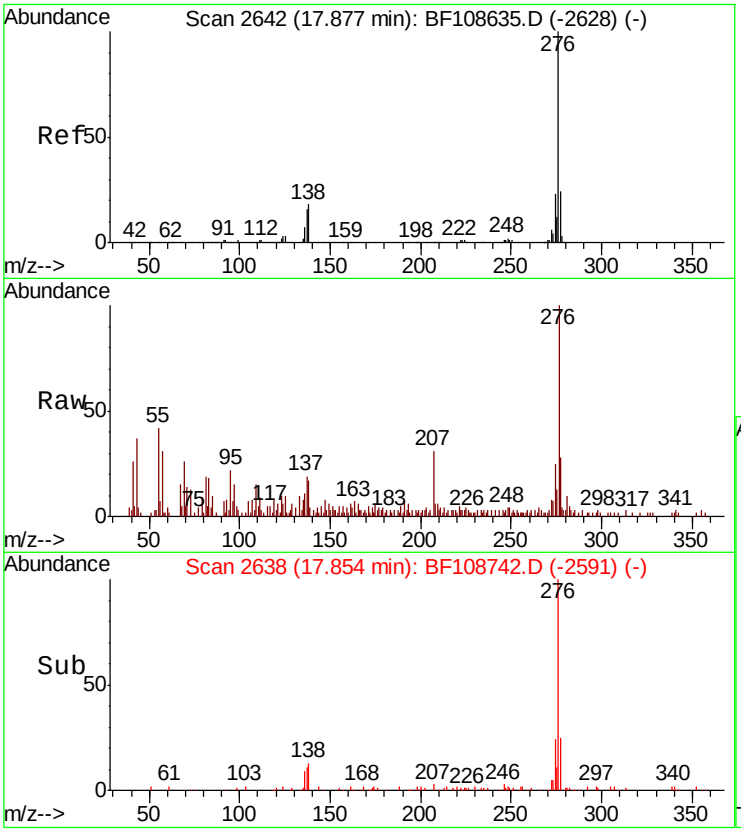


#89
Benzo(a)pyrene
Concen: 10.380 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion:252 Resp: 98817

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.272 ng
RT: 17.85 min Scan# 2638
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 61130

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	17.3	21.8	32.8#