Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108810.D
Acq On : 6 Sep 2018 8:04
Operator : JU/SJ
Sample : J4724-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 10:53:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	283372	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1067584	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	501140	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	834646	20.00	ng		0.00
75) Chrysene-d12	13.87	240	610817	20.00	ng		0.00
86) Perylene-d12	15.27	264	596644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	977528	57.15	ng		0.00
7) Phenol-d6	6.37	99	1262108	57.35	ng		0.00
23) Nitrobenzene-d5	7.29	82	768792	45.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	273450	57.16	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1423591	48.46	ng		0.00
78) Terphenyl-d14	12.82	244	1096712	41.87	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	105062	6.868	ng	#	77
25) Isophorone	7.29	82	763428	22.435	ng	#	64
32) Benzoic acid	7.80	122	194	4.038	ng	#	1
49) Dimethylphthalate	9.48	163	553735	15.798	ng		99
56) 2,4-Dinitrotoluene	9.77	165	64206	7.517	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.55	198	686	7.048	ng	#	1
70) Phenanthrene	11.27	178	284579	7.140	ng		97
74) Fluoranthene	12.45	202	382563	9.694	ng		97
77) Pyrene	12.67	202	341898	7.274	ng		99
80) Benzo(a)anthracene	13.85	228	171737	4.386	ng		98
82) Chrysene	13.89	228	151799	4.005	ng		95
85) Indeno(1,2,3-cd)pyrene	16.62	276	76283	2.274	ng		95
87) Benzo(b)fluoranthene	14.87	252	249330	7.685	ng	#	96
88) Benzo(k)fluoranthene	14.87	252	249330	8.345	ng		98
89) Benzo(a)pyrene	15.21	252	132179	4.515	ng		98
91) Benzo(g,h,i)perylene	17.02	276	71438	2.766	ng		98

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

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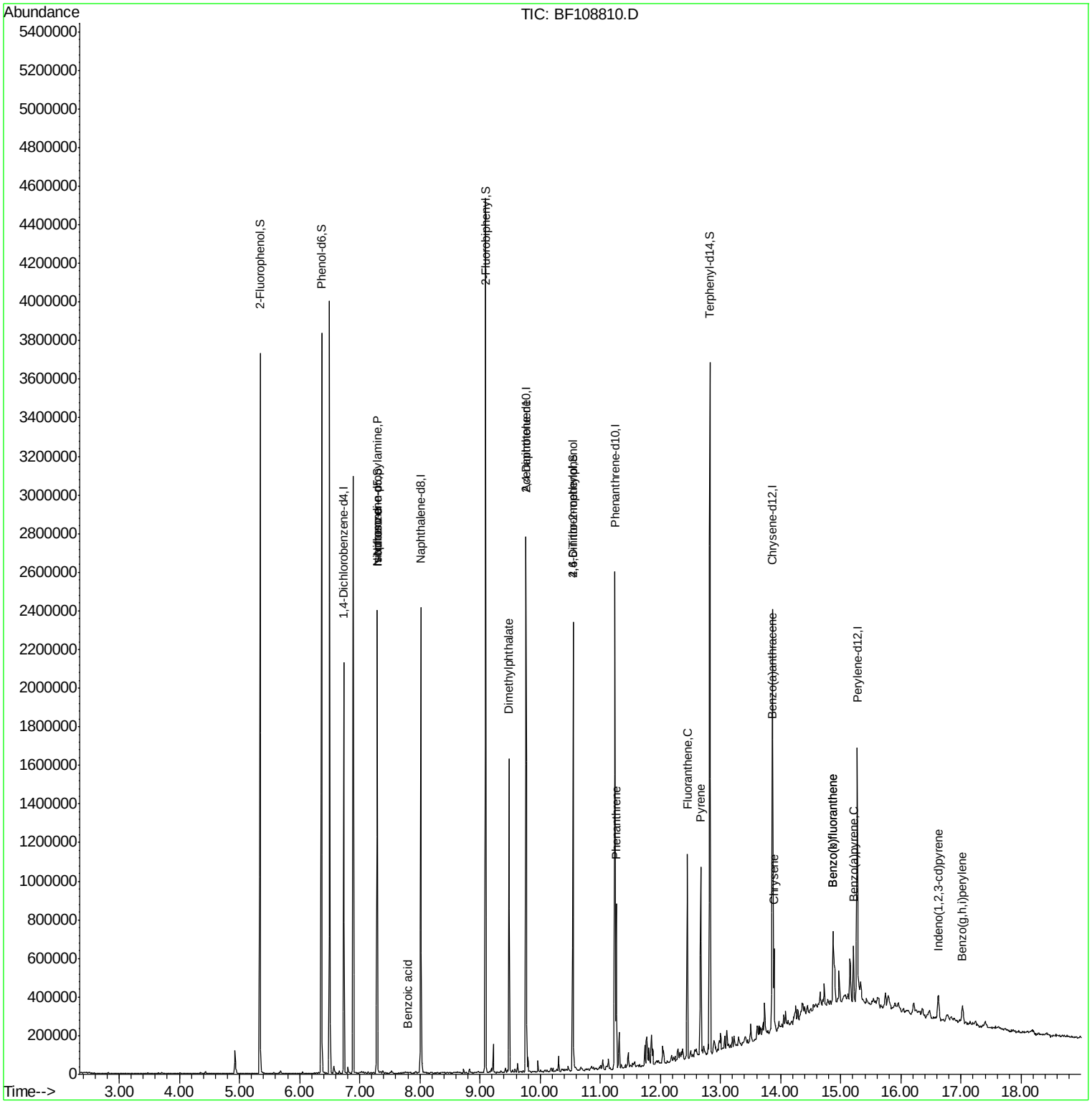
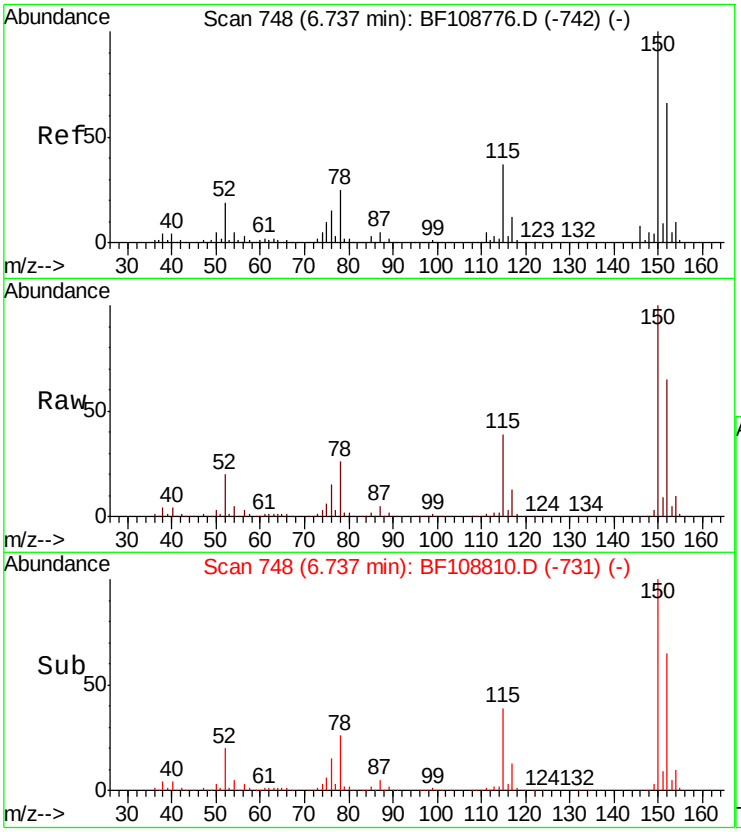


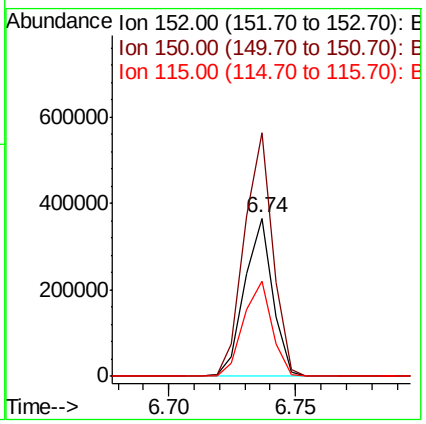


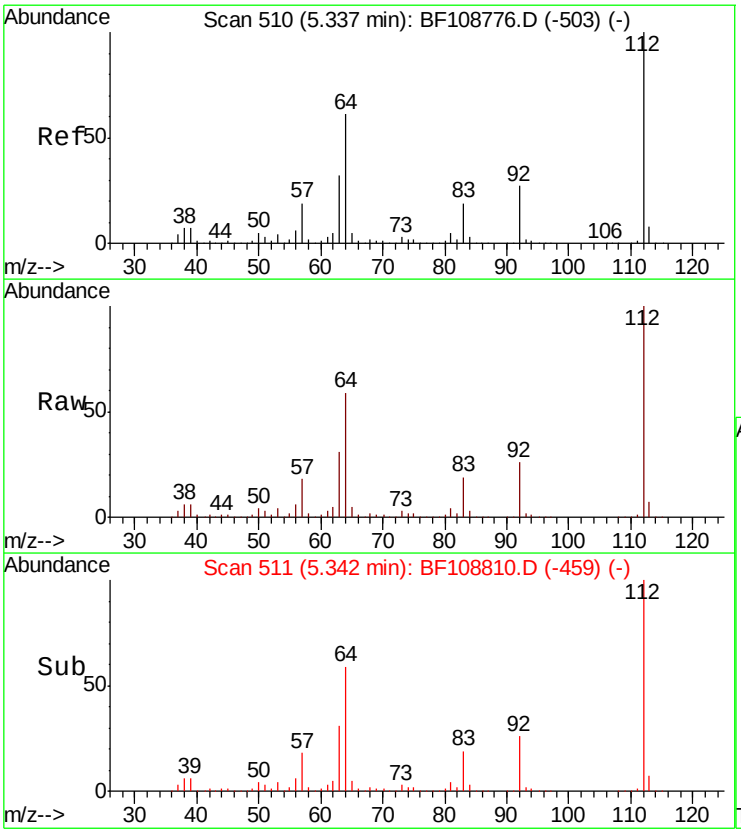
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 283372

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.5	50.1	75.1

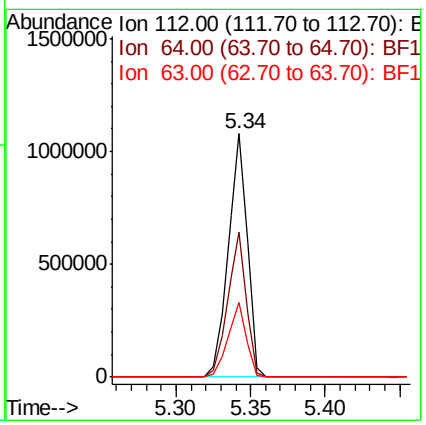


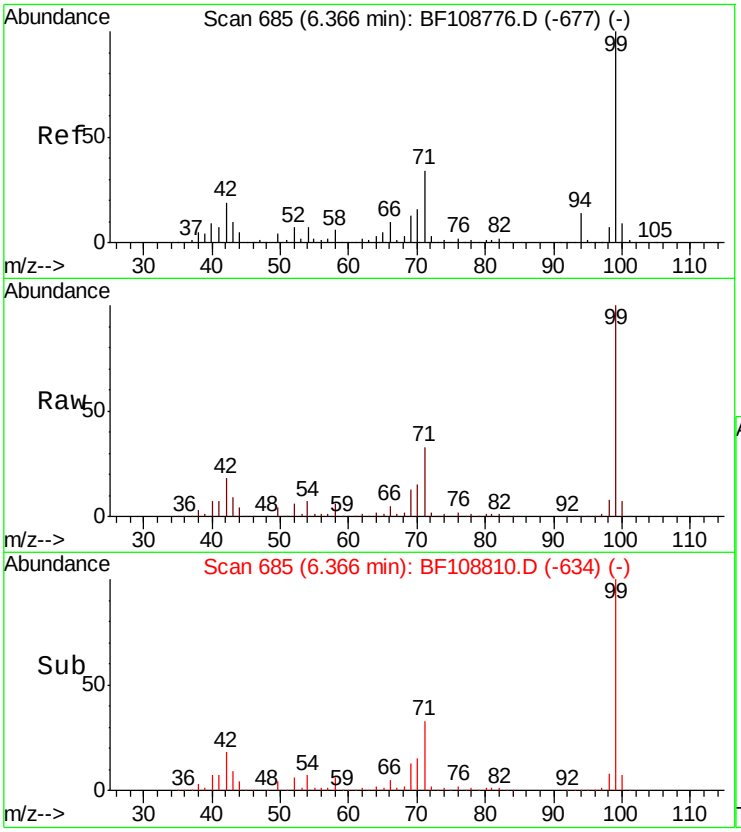


#5
2-Fluorophenol
Concen: 57.149 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:112 Resp: 977528

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.6	23.7	35.5



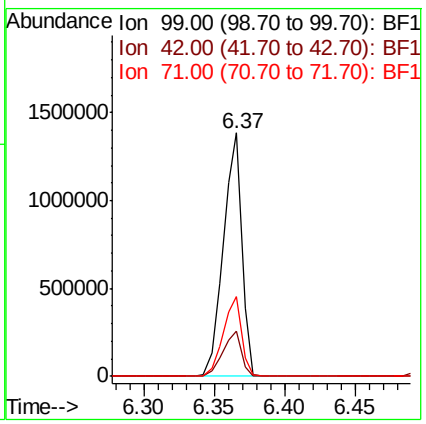


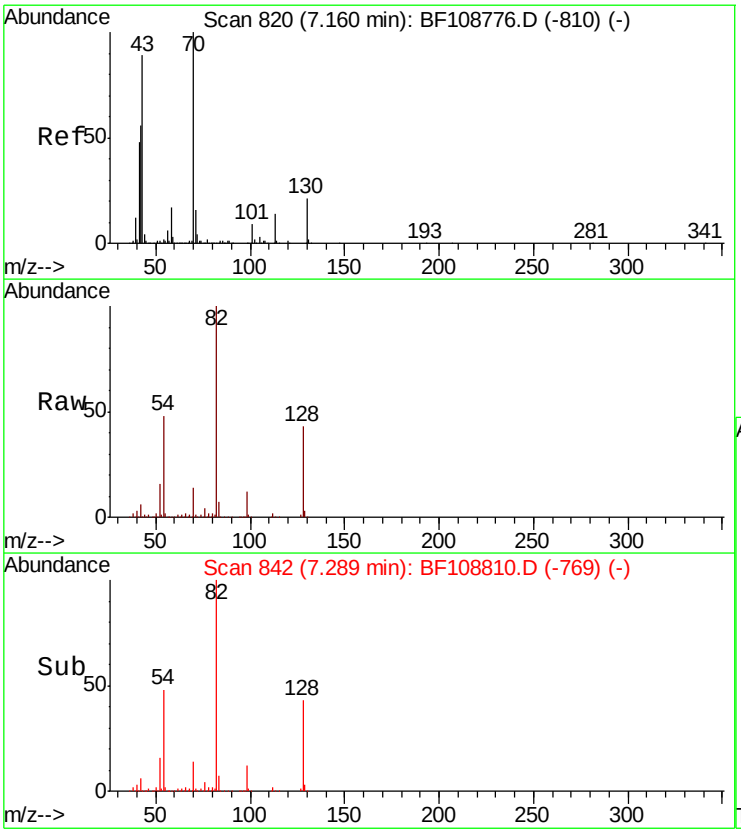
#7
Phenol-d6
Concen: 57.347 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1262108

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.6	25.4	38.0

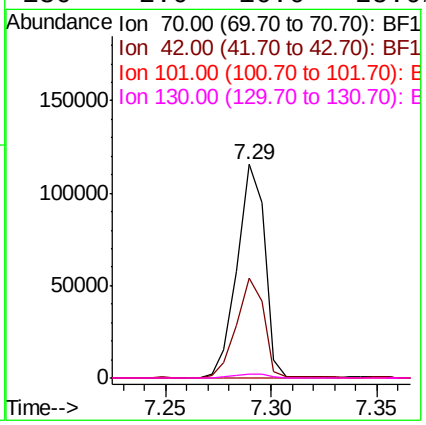


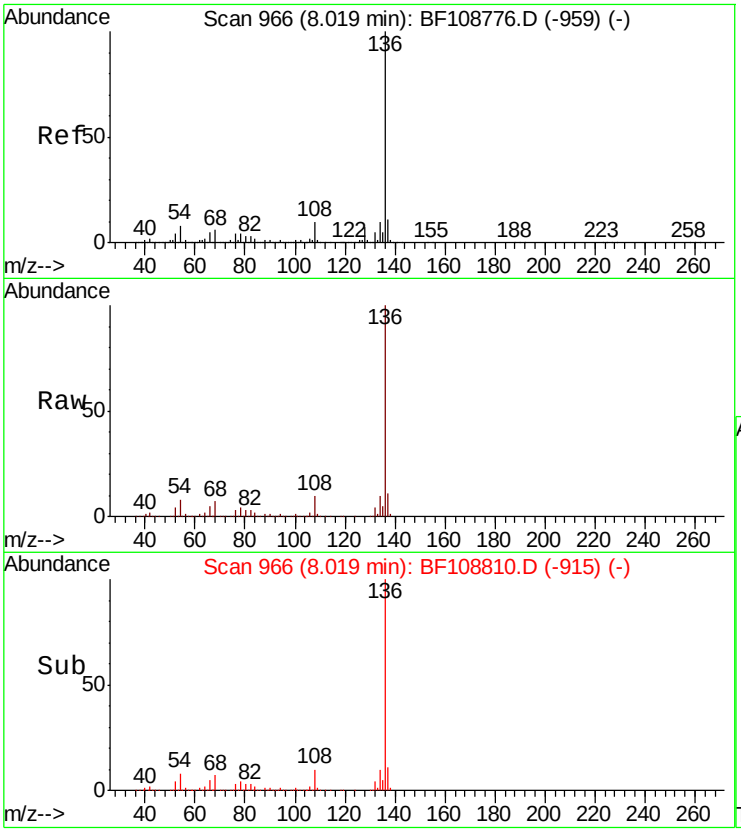


#19
n-Nitroso-di-n-propylamine
Concen: 6.868 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion: 70 Resp: 105062

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



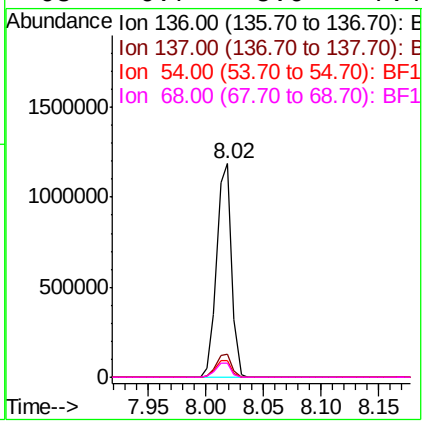


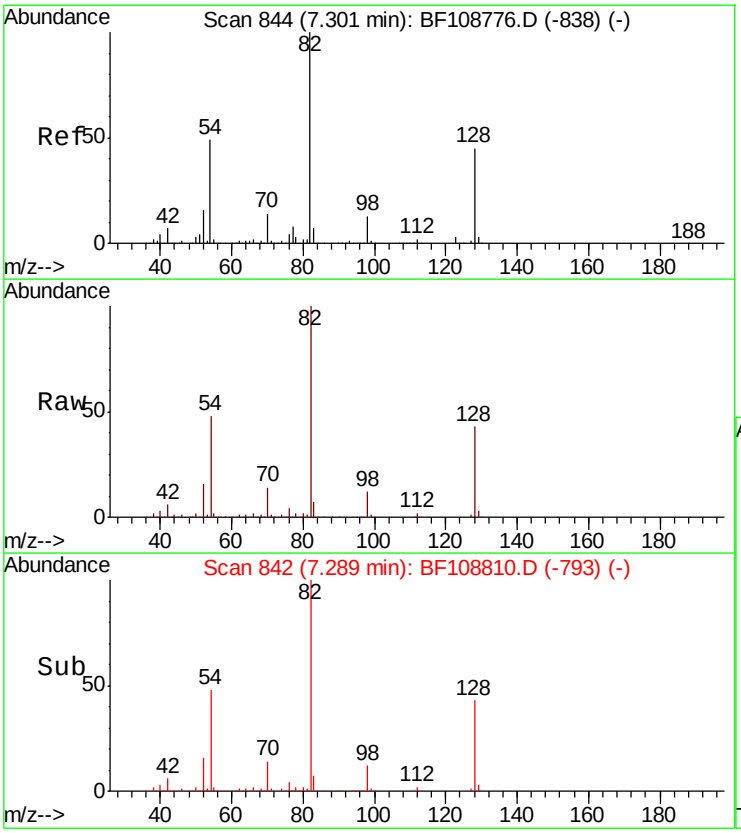
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1067584

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.7	5.0	7.4

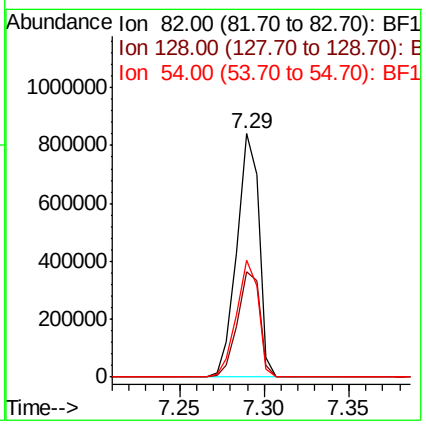


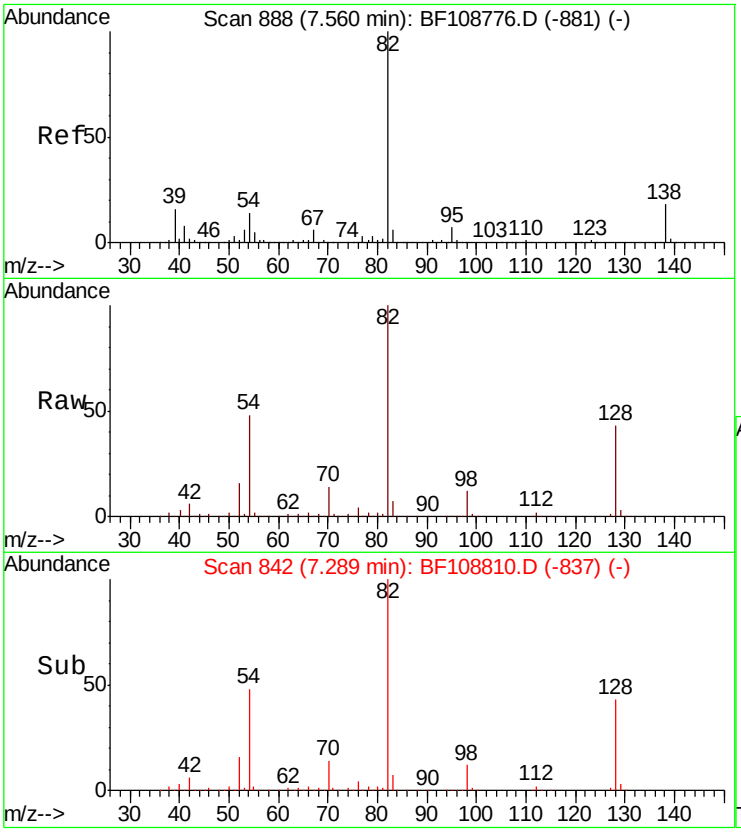


#23
Nitrobenzene-d5
Concen: 45.066 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion: 82 Resp: 768792

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.1	41.4	62.2



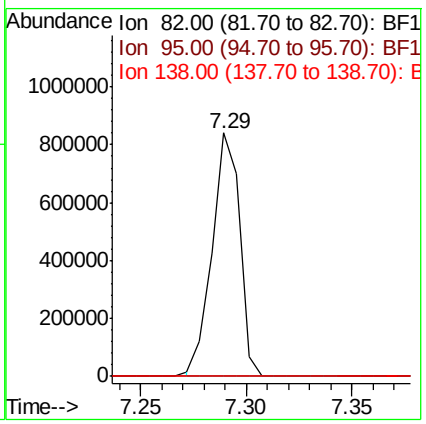


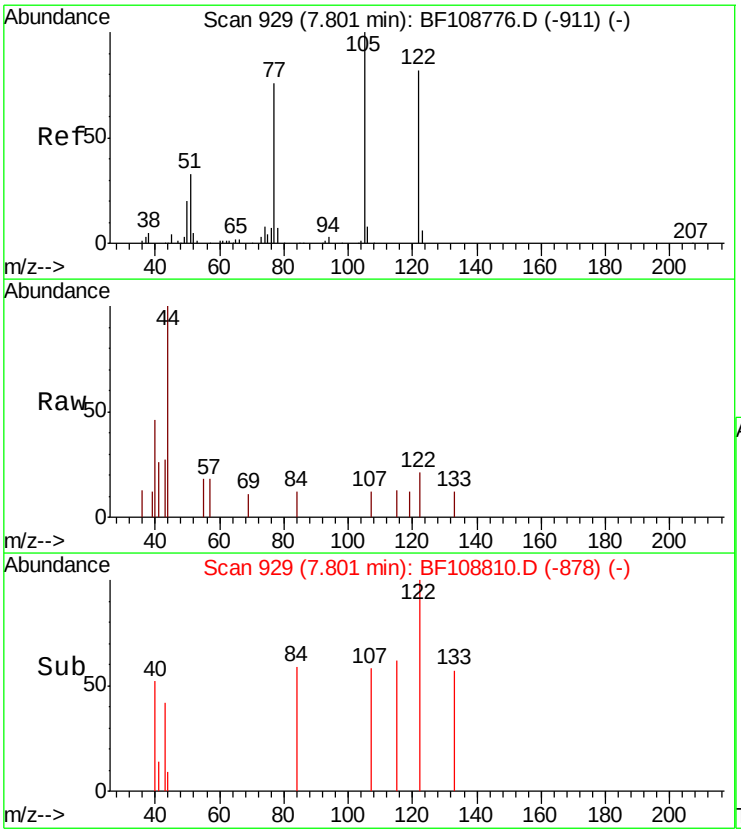
#25
Isophorone
Concen: 22.435 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 763428

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

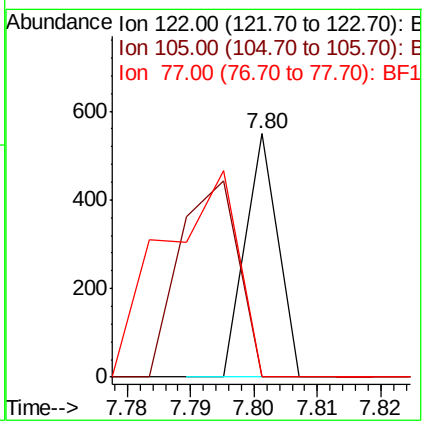


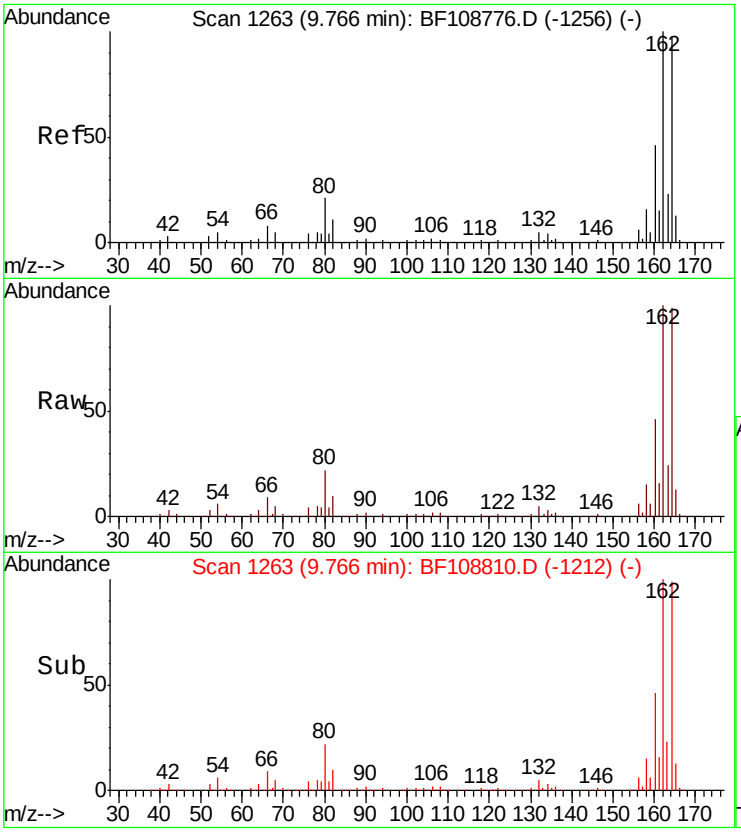


#32
Benzoic acid
Concen: 4.038 ng
RT: 7.80 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:122 Resp: 194

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



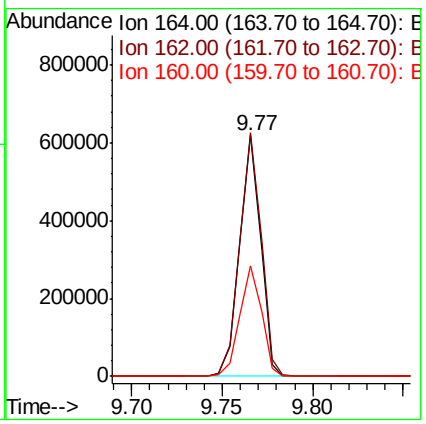


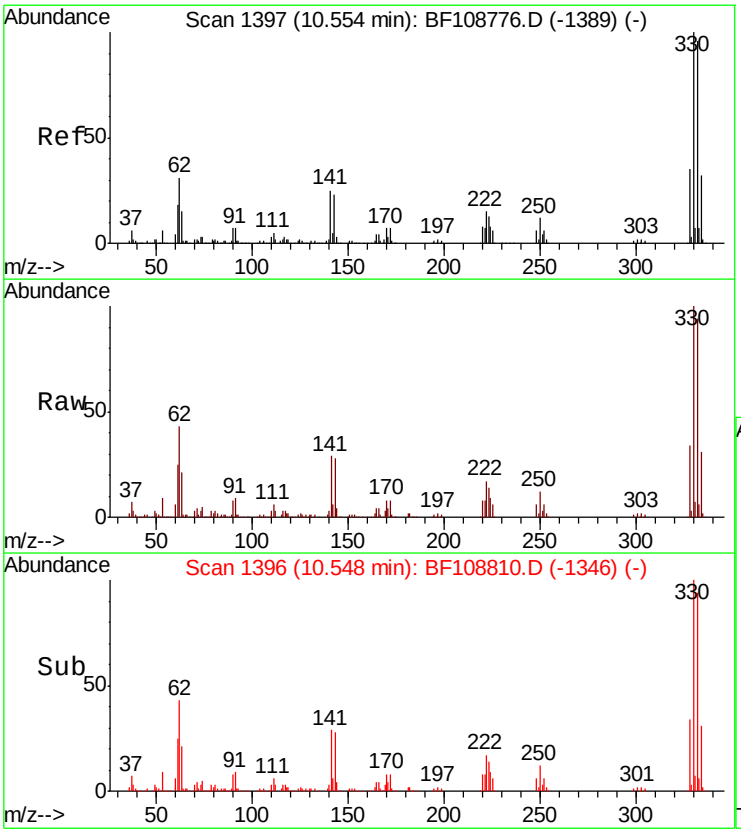
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 501140

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.1	38.3	57.5

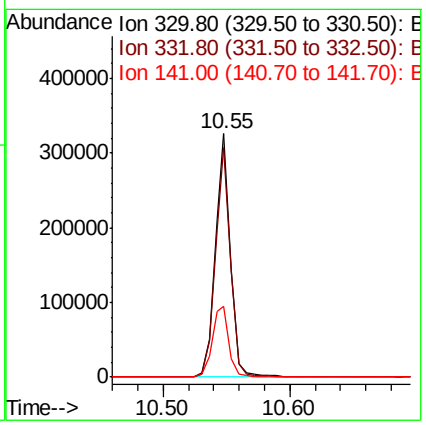


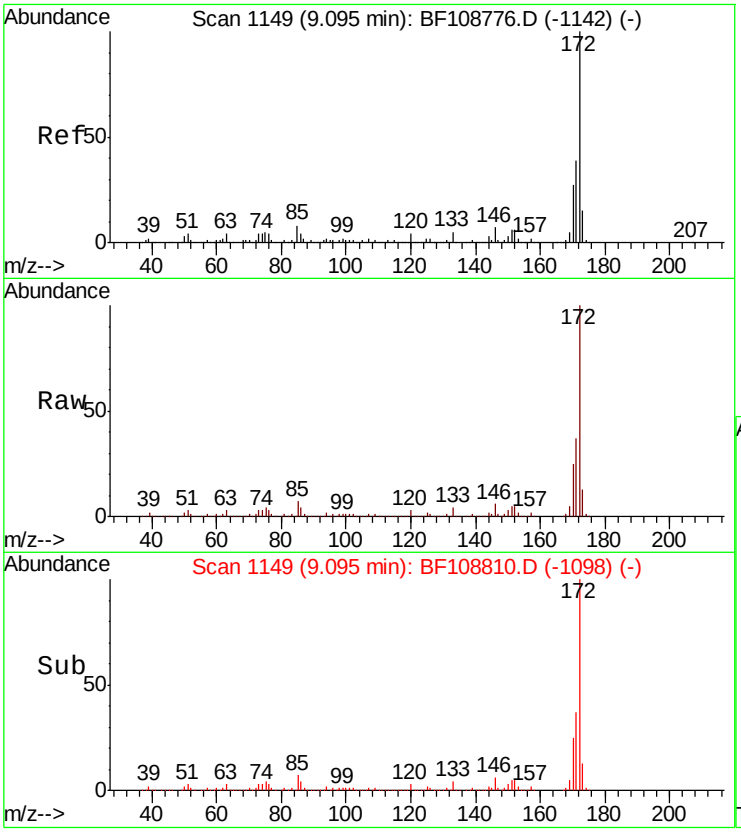


#41
2,4,6-Tribromophenol
Concen: 57.158 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:330 Resp: 273450

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.2	29.9	44.9



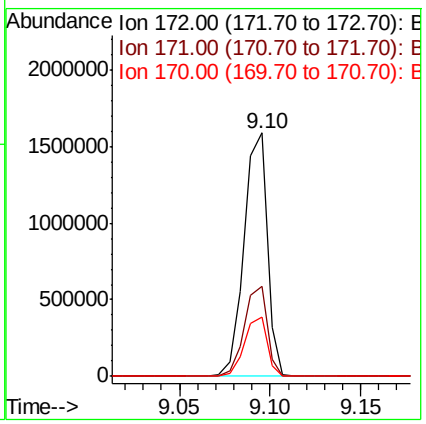


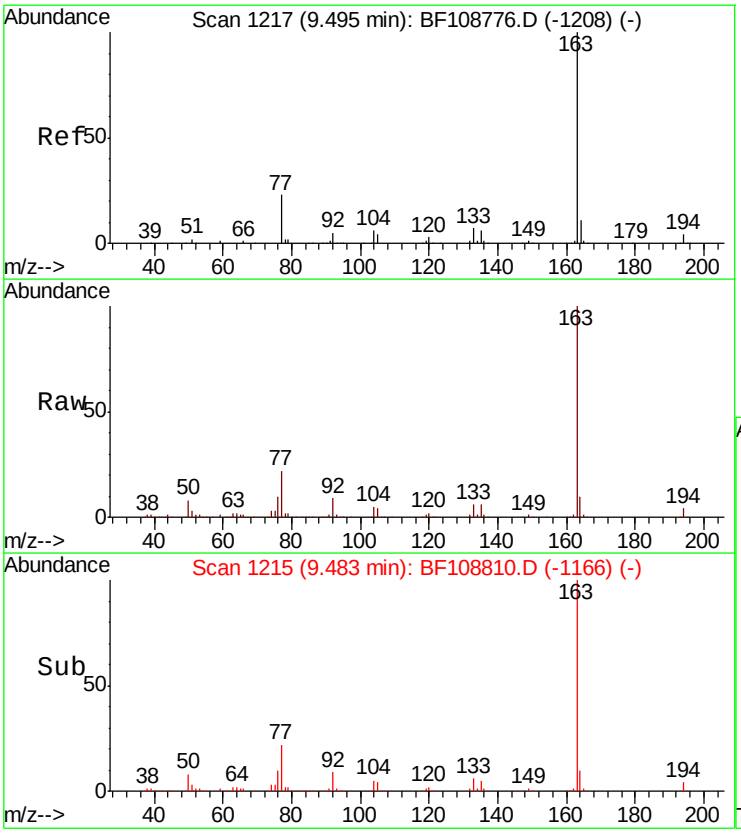
#44
2-Fluorobiphenyl
Concen: 48.462 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1423591

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4

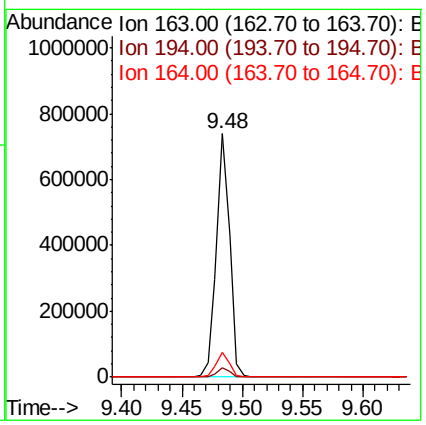


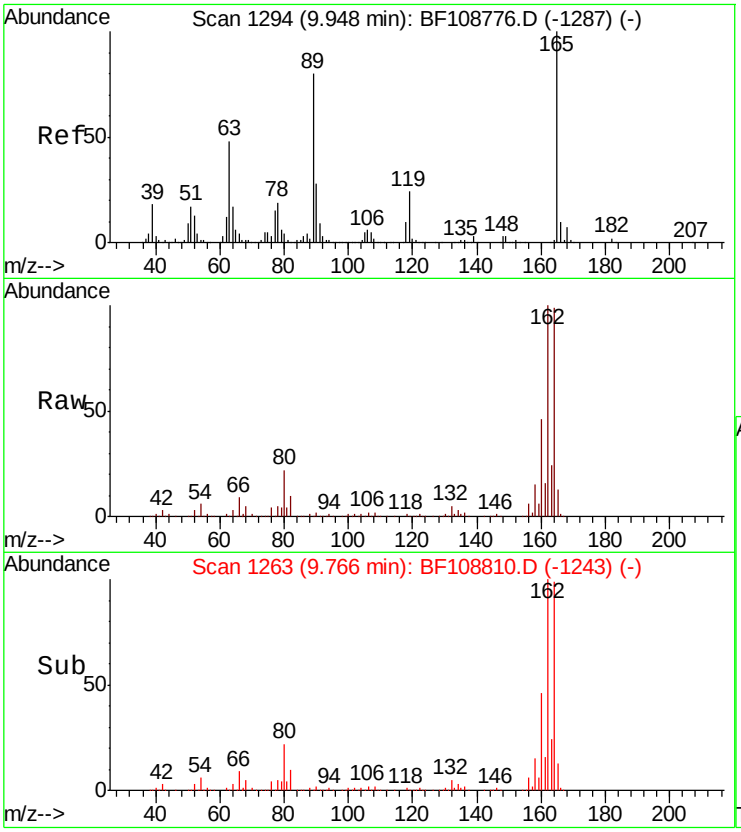


#49
Dimethylphthalate
Concen: 15.798 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:163 Resp: 553735

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2



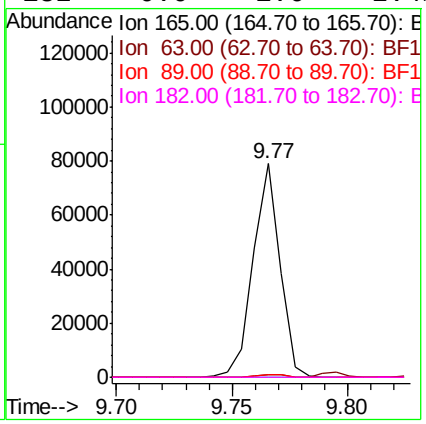


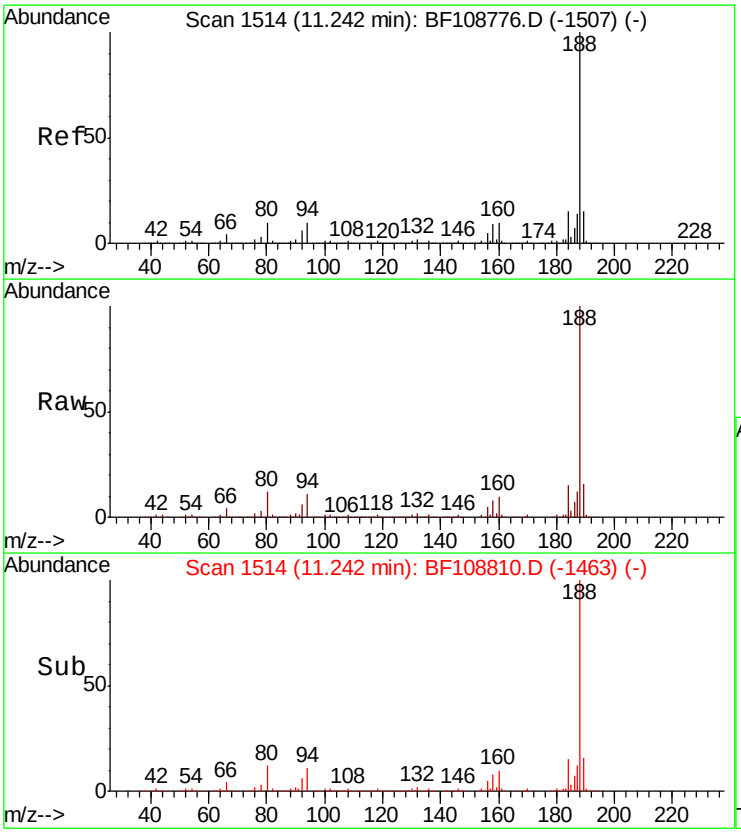
#56
2,4-Dinitrotoluene
Concen: 7.517 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 64206

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

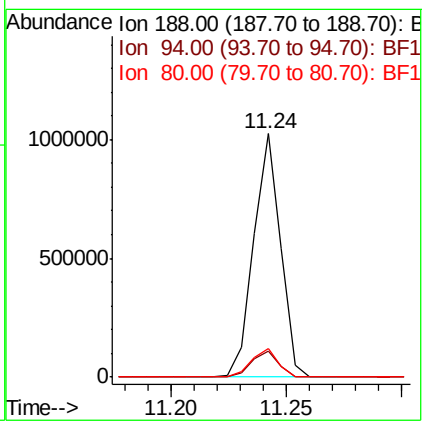


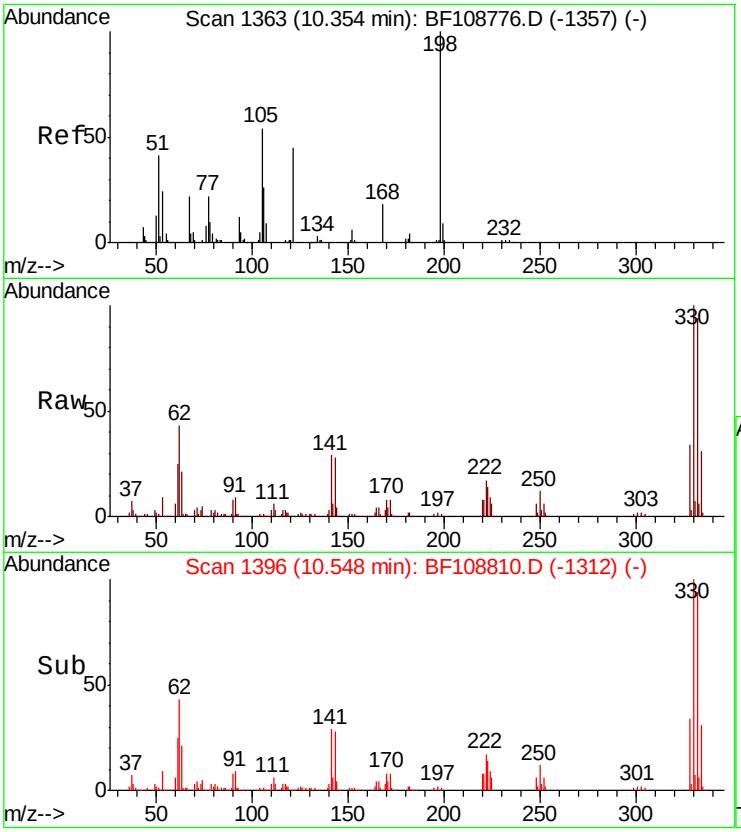


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:188 Resp: 834646

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8



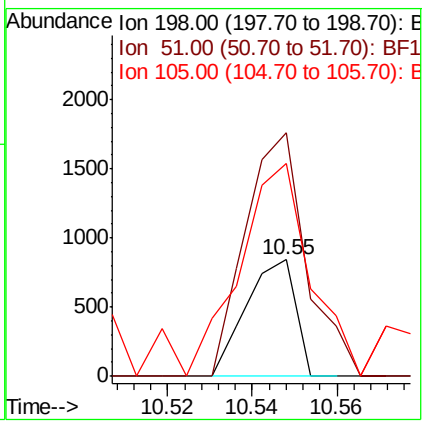


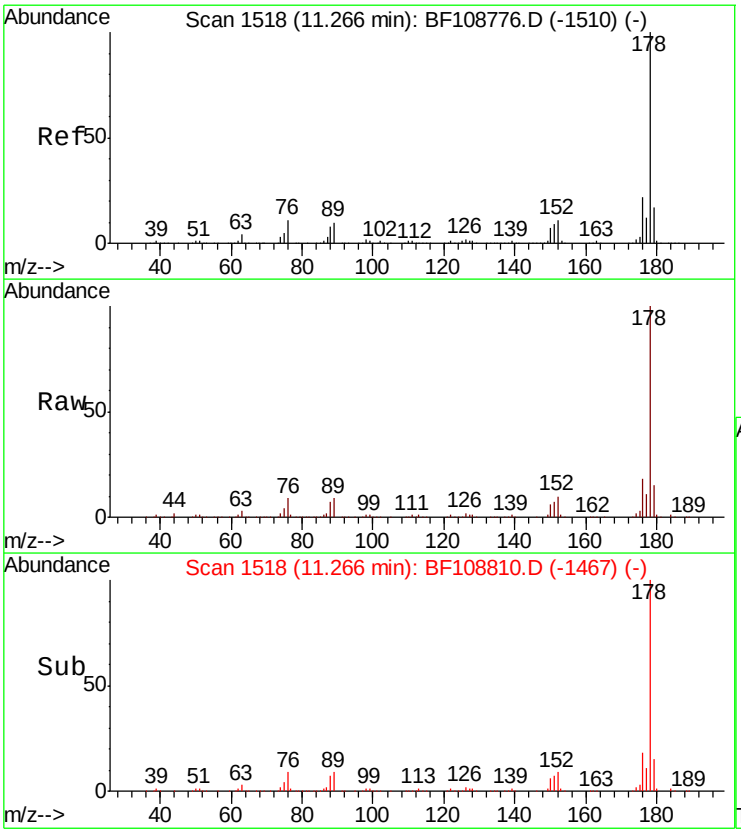
#64
4,6-Dinitro-2-methylphenol
Concen: 7.048 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 686

Ion	Ratio	Lower	Upper
198	100		
51	208.5	37.7	77.7#
105	182.6	36.3	76.3#

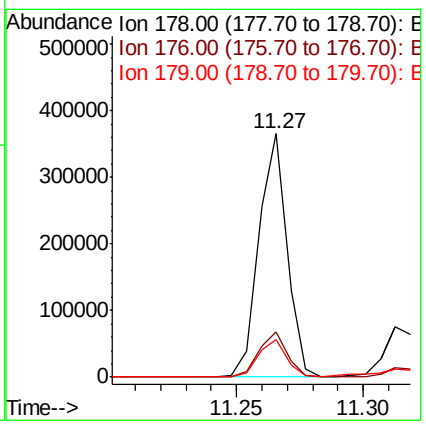


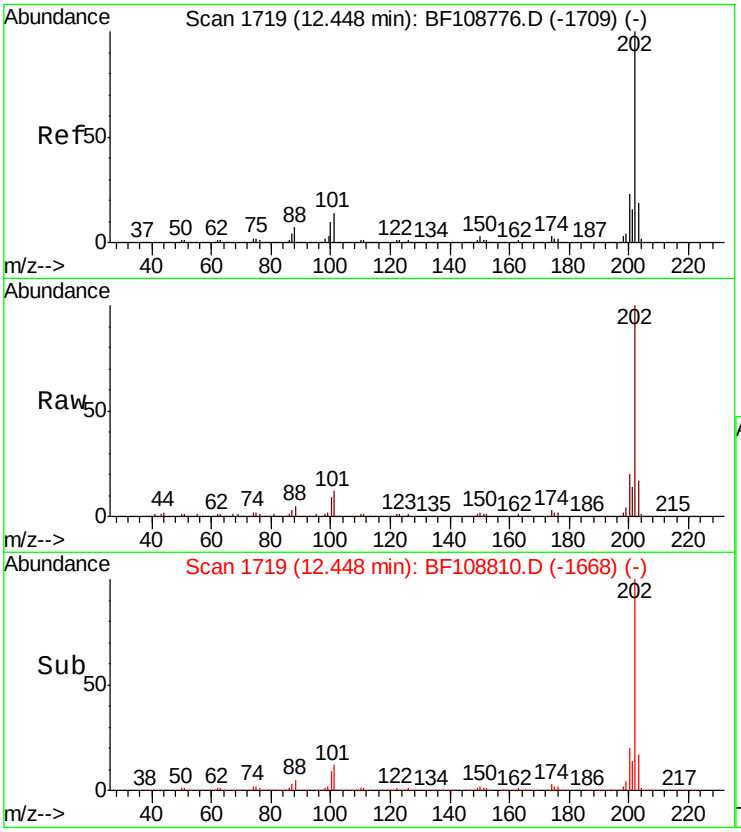


#70
Phenanthrene
Concen: 7.140 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:178 Resp: 284579

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	13.0	19.6



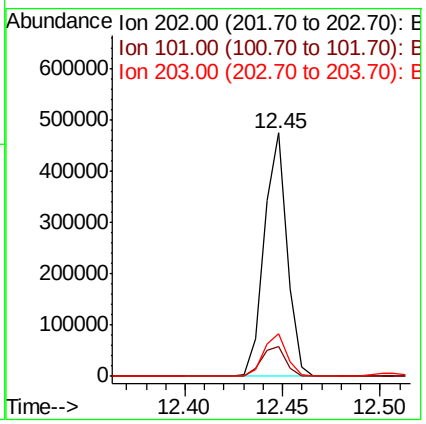


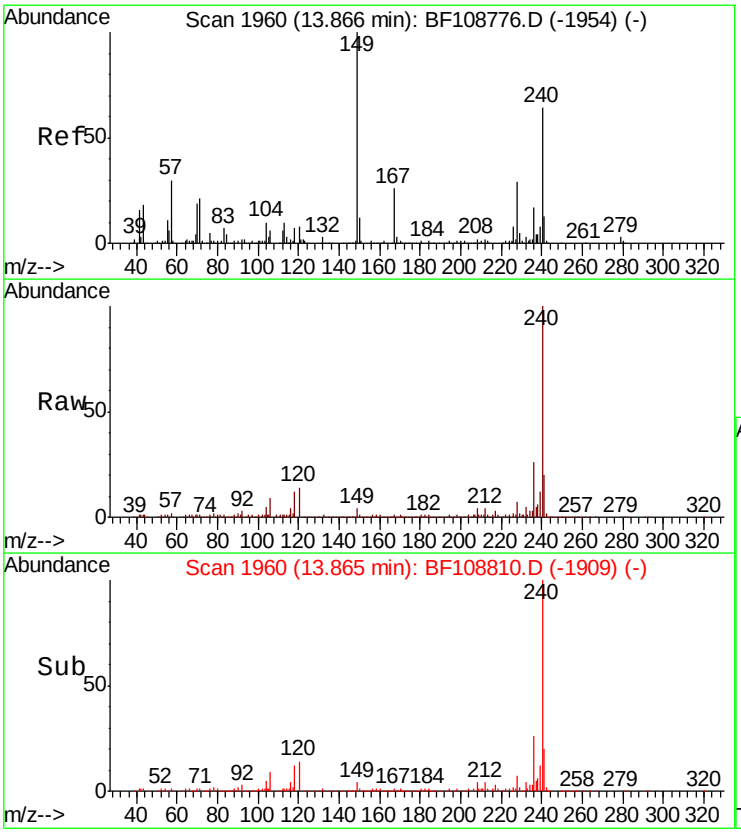
#74
Fluoranthene
Concen: 9.694 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 382563

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.4	0.0	38.1

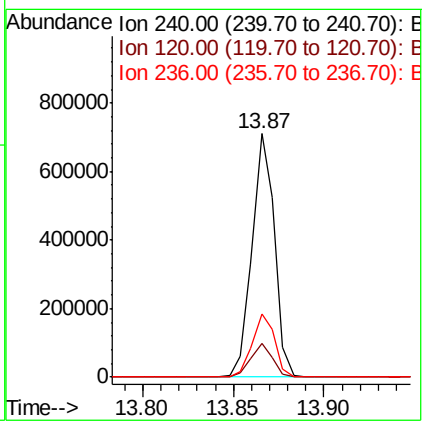


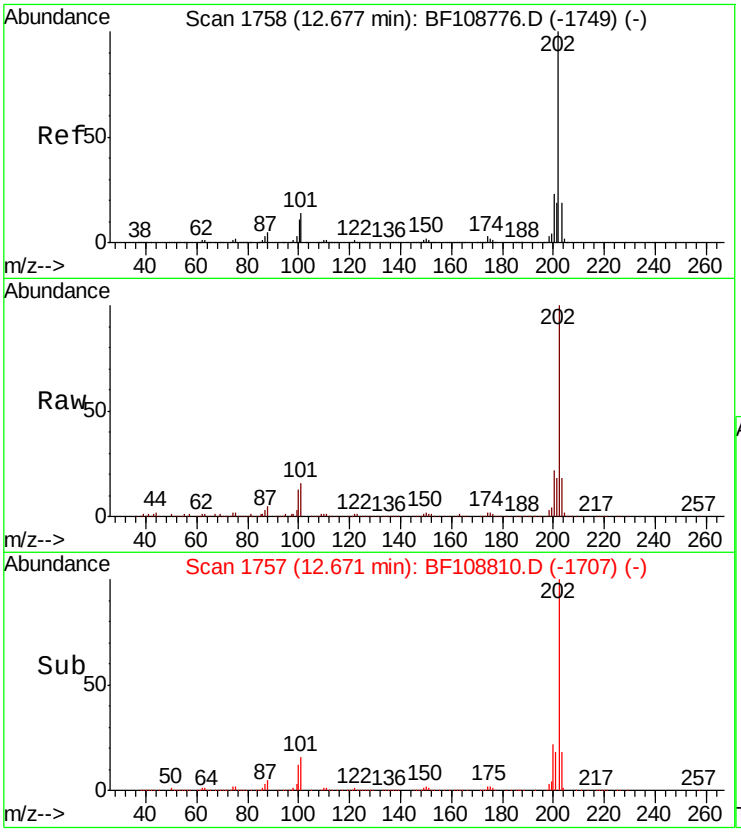


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:240 Resp: 610817

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.1	20.7	31.1



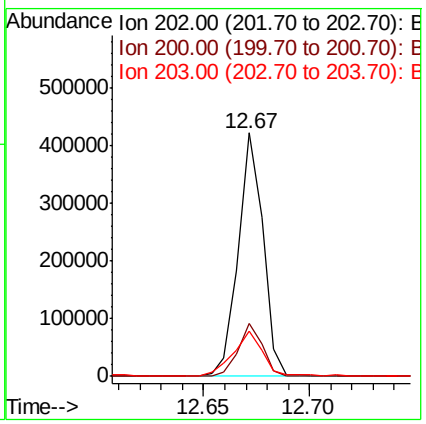


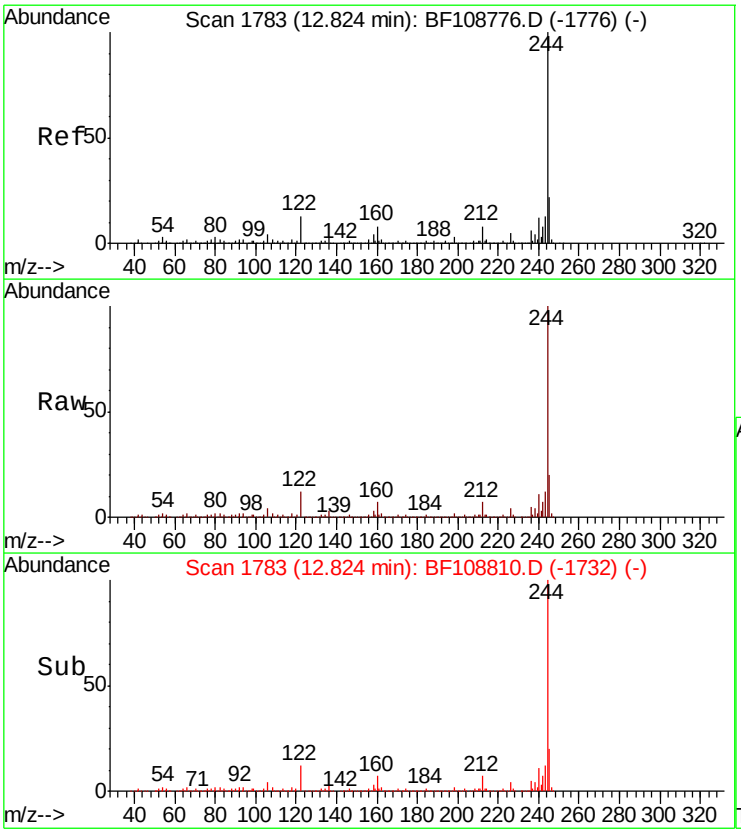
#77
Pyrene
Concen: 7.274 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 341898

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.4	14.3	21.5

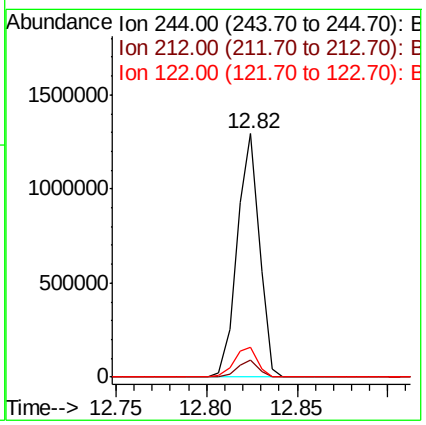


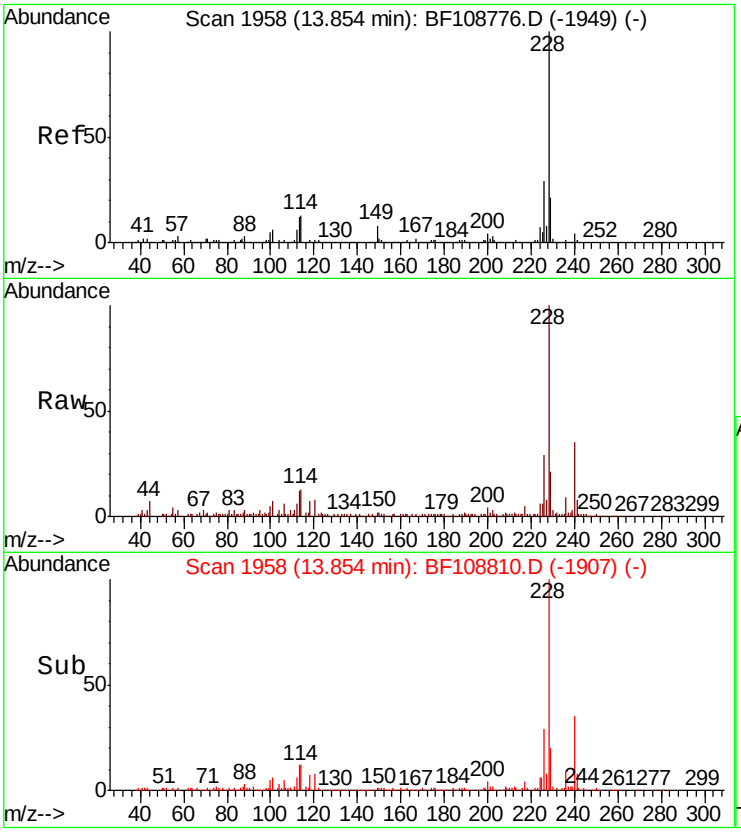


#78
Terphenyl-d14
Concen: 41.869 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:244 Resp: 1096712

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4



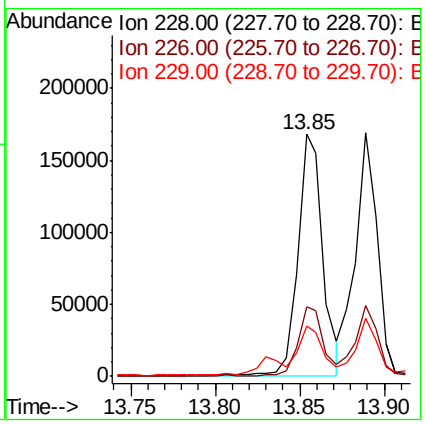


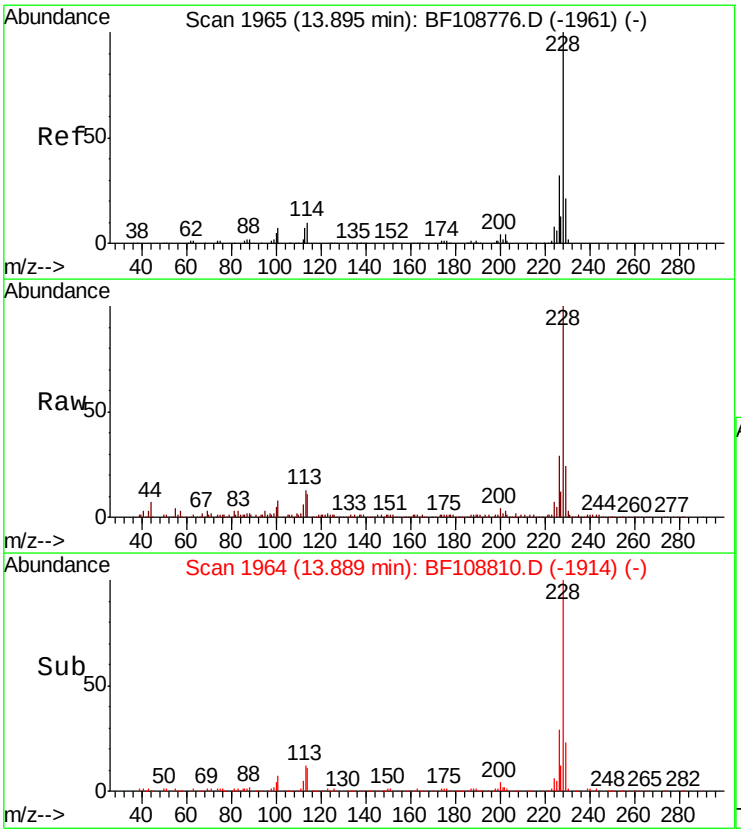
#80
Benzo(a)anthracene
Concen: 4.386 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 171737

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.7	15.8	23.6

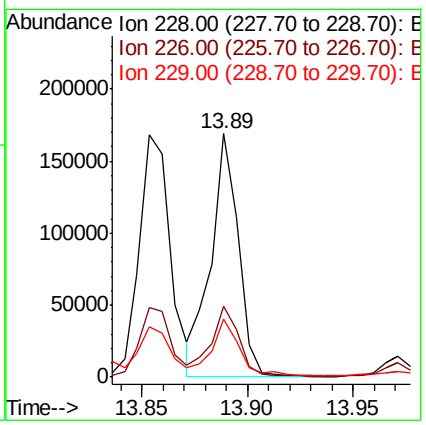


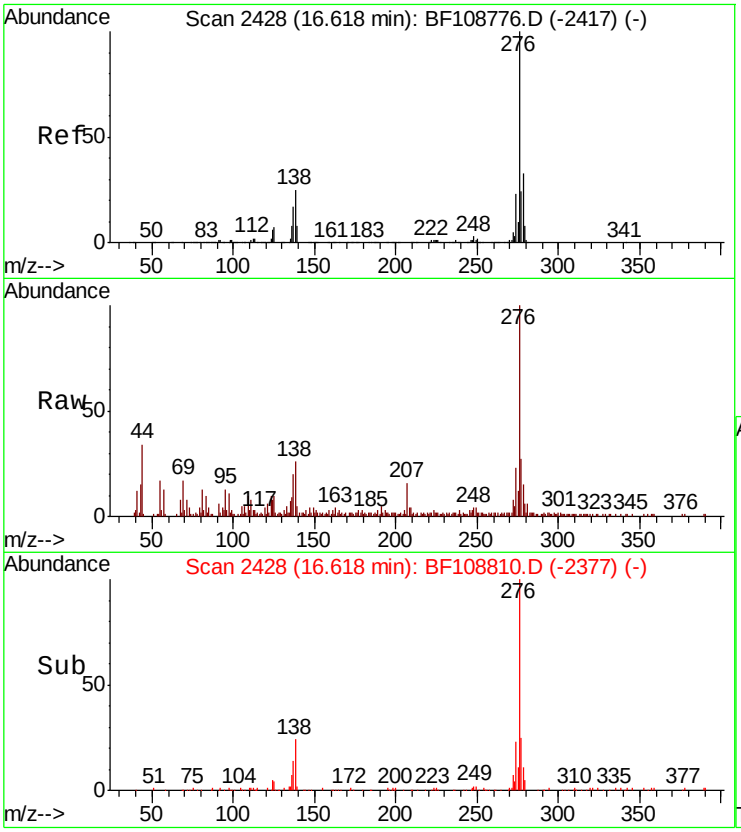


#82
Chrysene
Concen: 4.005 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:228 Resp: 151799

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	23.6	16.2	24.4



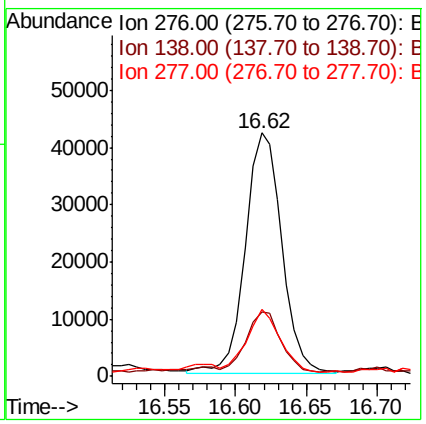


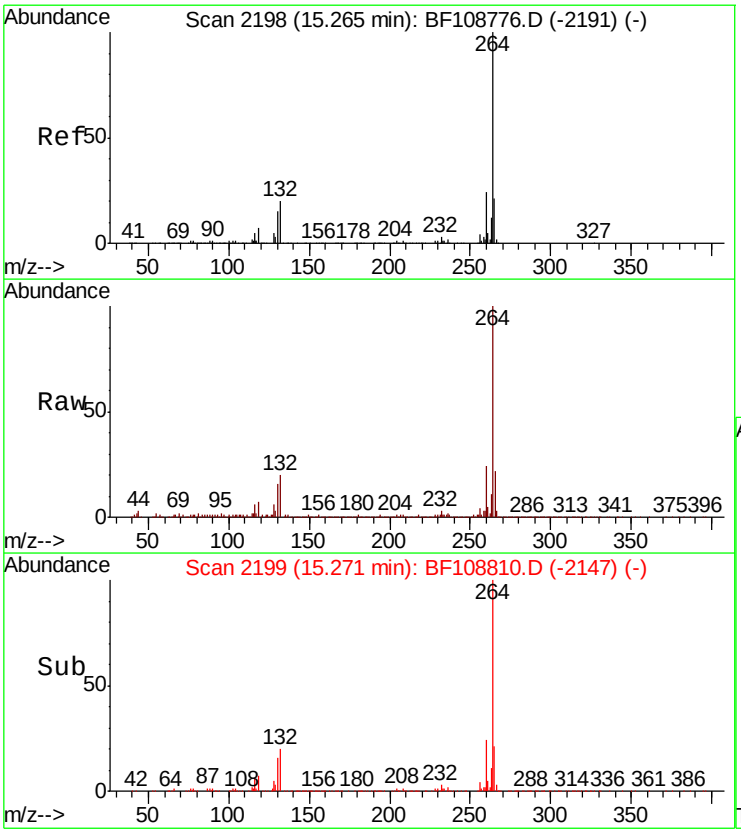
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.274 ng
RT: 16.62 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 76283

Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	24.0	20.1	30.1

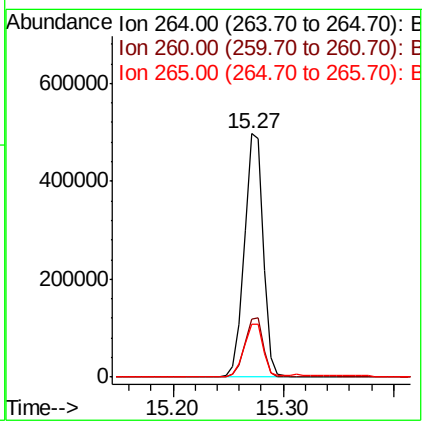


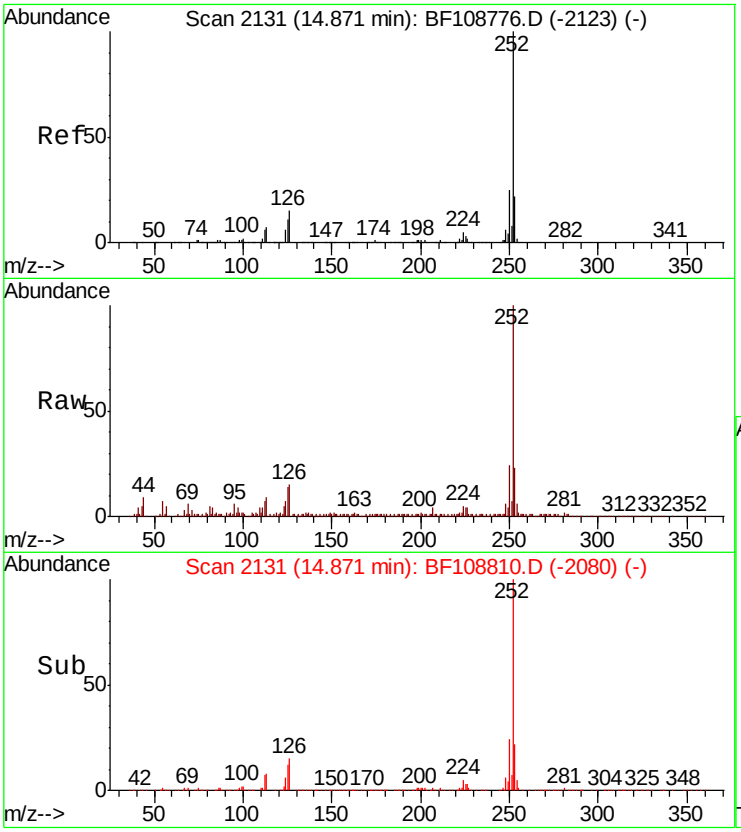


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:264 Resp: 596644

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3



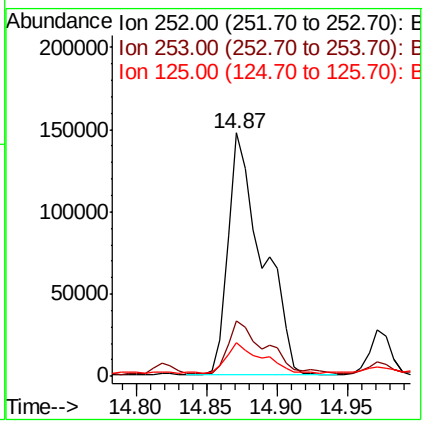


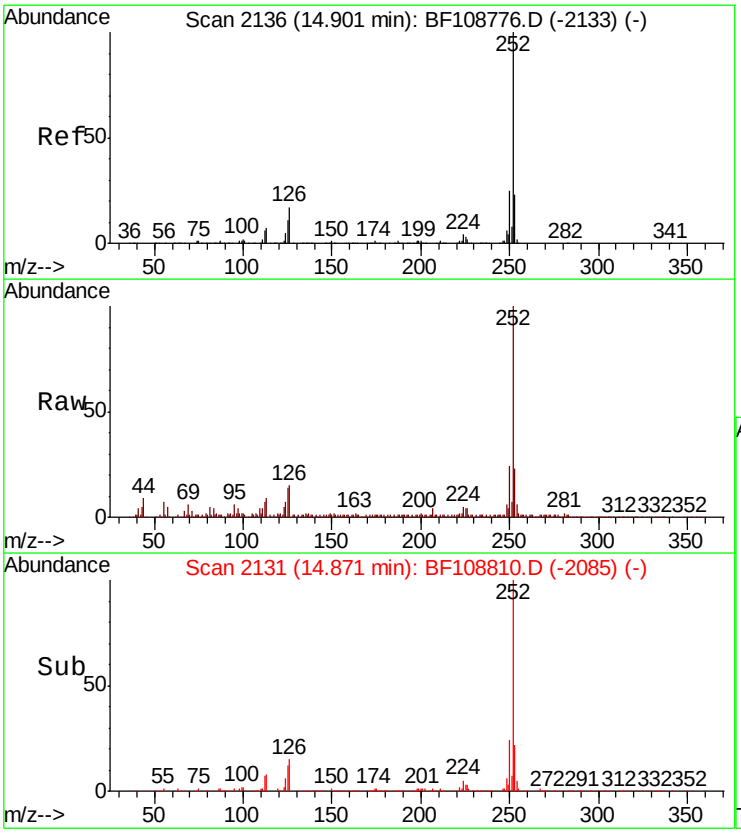
#87
Benzo(b)fluoranthene
Concen: 7.685 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 249330

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.8	9.0	13.6#

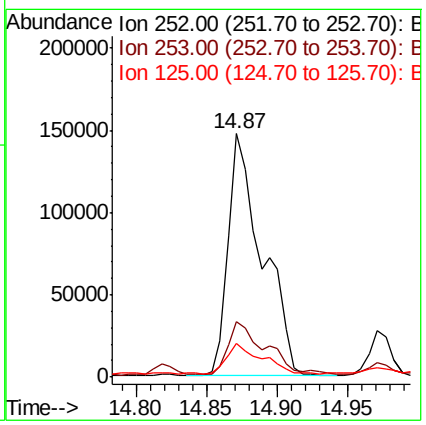


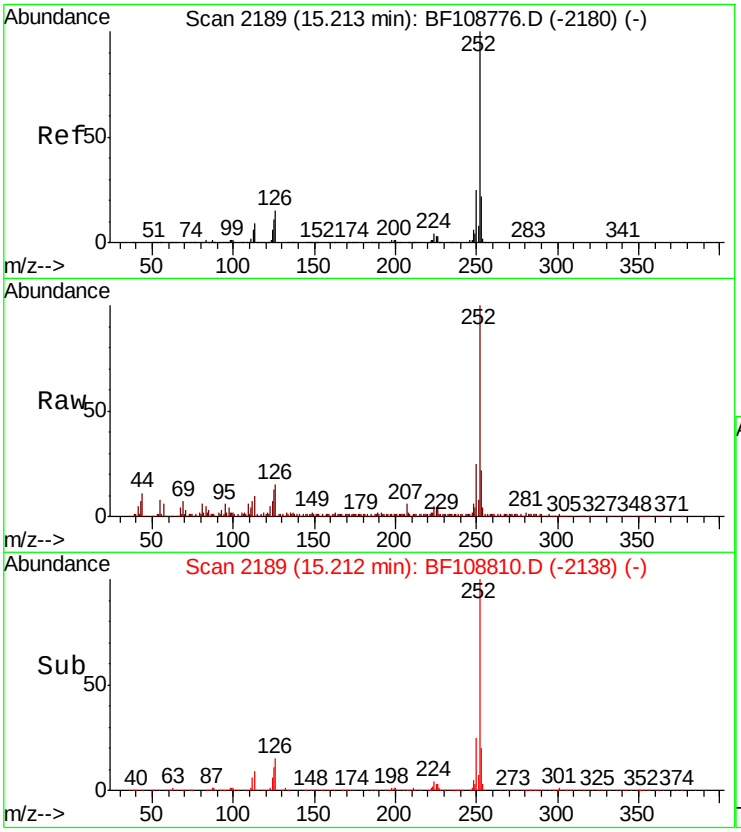


#88
Benzo(k)fluoranthene
Concen: 8.345 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:252 Resp: 249330

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.8	10.2	15.2



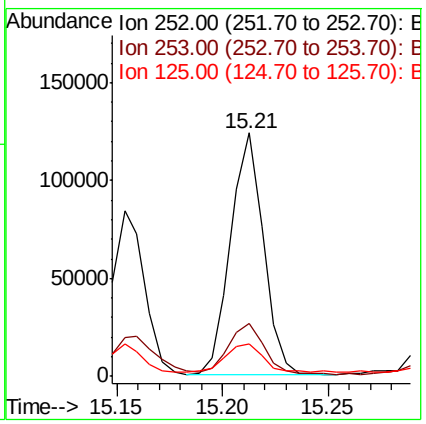


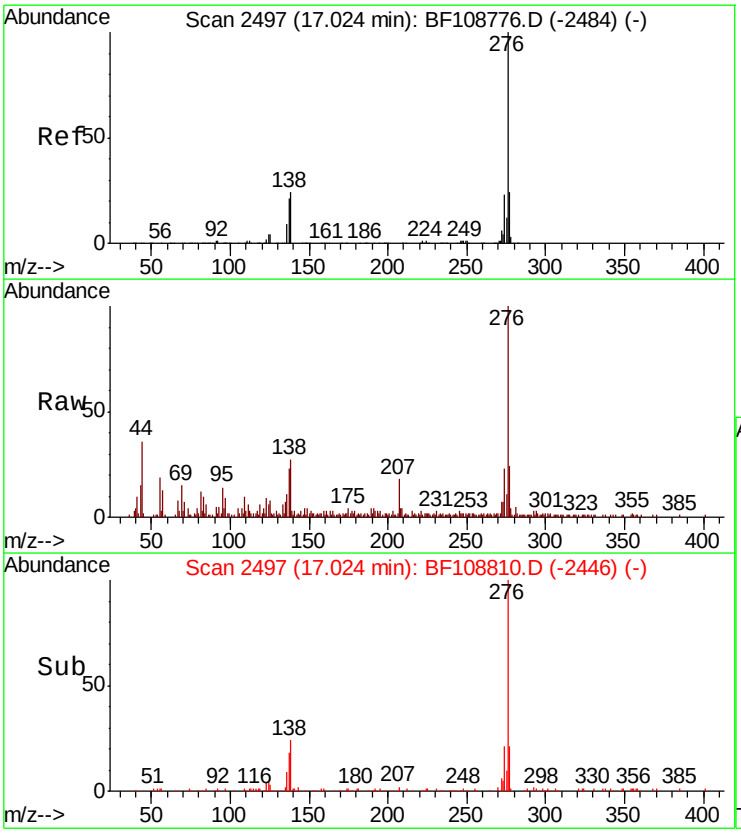
#89
Benzo(a)pyrene
Concen: 4.515 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 132179

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.766 ng
RT: 17.02 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BF108810.D
Acq: 6 Sep 2018 8:04

Tgt Ion:276 Resp: 71438

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	26.5	21.8	32.8