Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109147.D
Acq On : 19 Sep 2018 16:55
Operator : JU/SJ
Sample : J4962-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 17:59:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125872	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	459349	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	191471	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	319653	20.00	ng		0.00
75) Chrysene-d12	13.86	240	321700	20.00	ng		0.00
86) Perylene-d12	15.27	264	307149	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	274719	36.25	ng		0.00
7) Phenol-d6	6.35	99	452826	46.34	ng		0.00
23) Nitrobenzene-d5	7.28	82	279487	34.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	26075	12.55	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	589336	48.22	ng		0.00
78) Terphenyl-d14	12.81	244	504756	37.19	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	36503	5.651	ng	#	77
25) Isophorone	7.28	82	276847	19.665	ng	#	64
49) Dimethylphthalate	9.47	163	78305	5.722	ng	#	99
56) 2,4-Dinitrotoluene	9.75	165	24642	6.209	ng	#	22
70) Phenanthrene	11.25	178	63452	4.049	ng		97
74) Fluoranthene	12.44	202	84013	5.079	ng		95
77) Pyrene	12.66	202	94743	3.965	ng		98
80) Benzo(a)anthracene	13.85	228	39988	2.053	ng		96
82) Chrysene	13.88	228	44365	2.277	ng		97
87) Benzo(b)fluoranthene	14.87	252	56450	3.322	ng	#	91
88) Benzo(k)fluoranthene	14.87	252	56450	3.557	ng	#	94
89) Benzo(a)pyrene	15.20	252	34512	2.287	ng	#	89

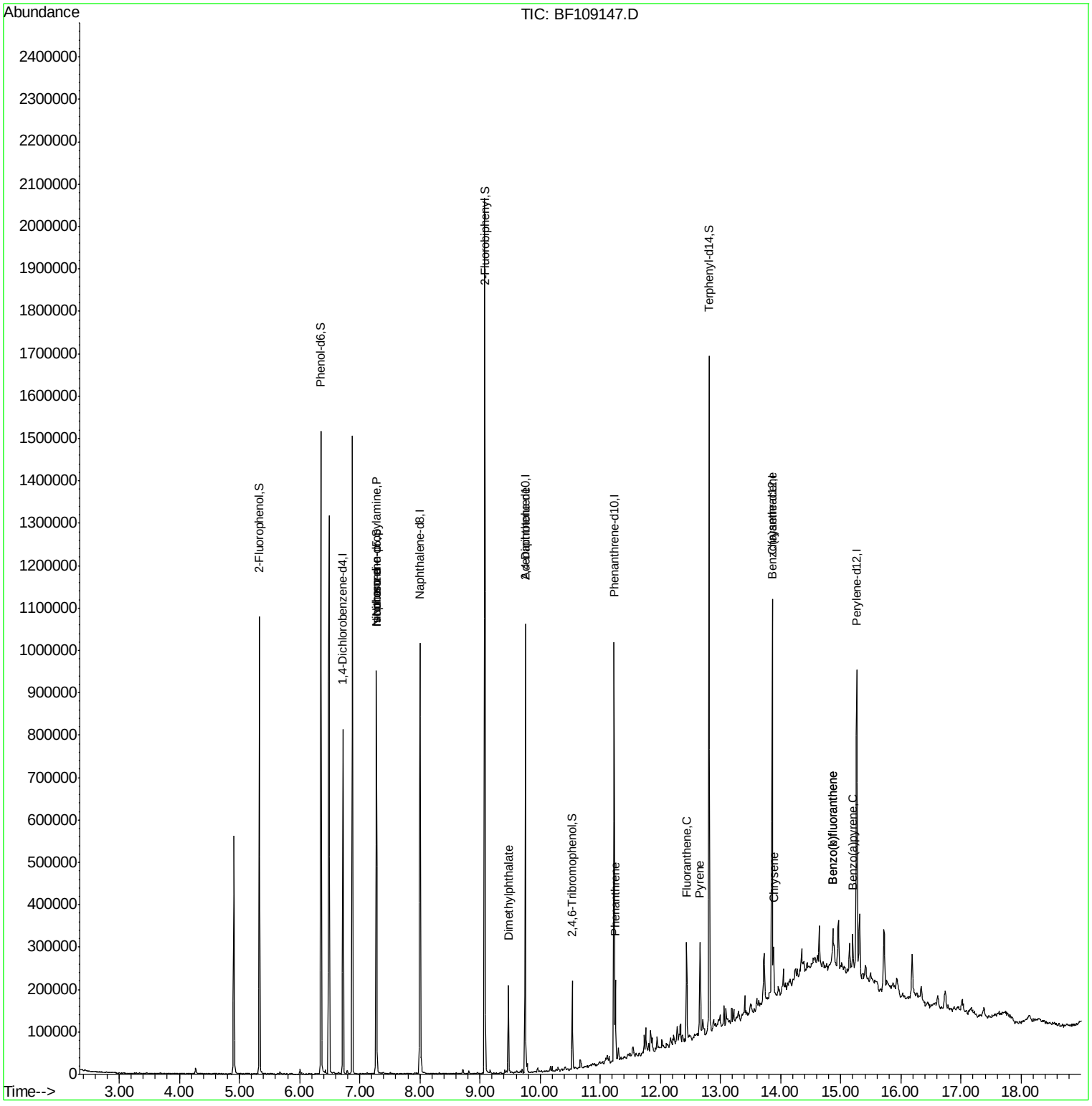
(#) = qualifier out of range (m) = manual integration (+) = signals summed

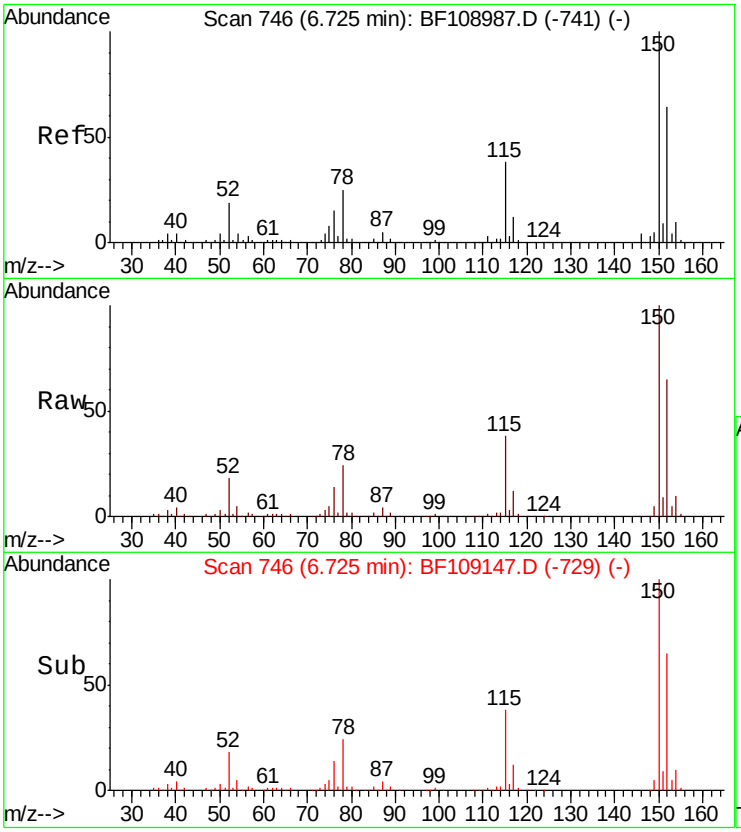
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109147.D
Acq On : 19 Sep 2018 16:55
Operator : JU/SJ
Sample : J4962-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 17:59:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



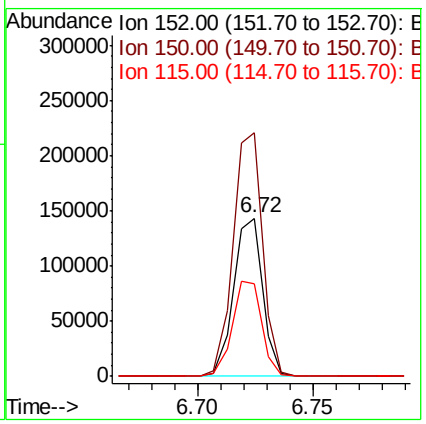


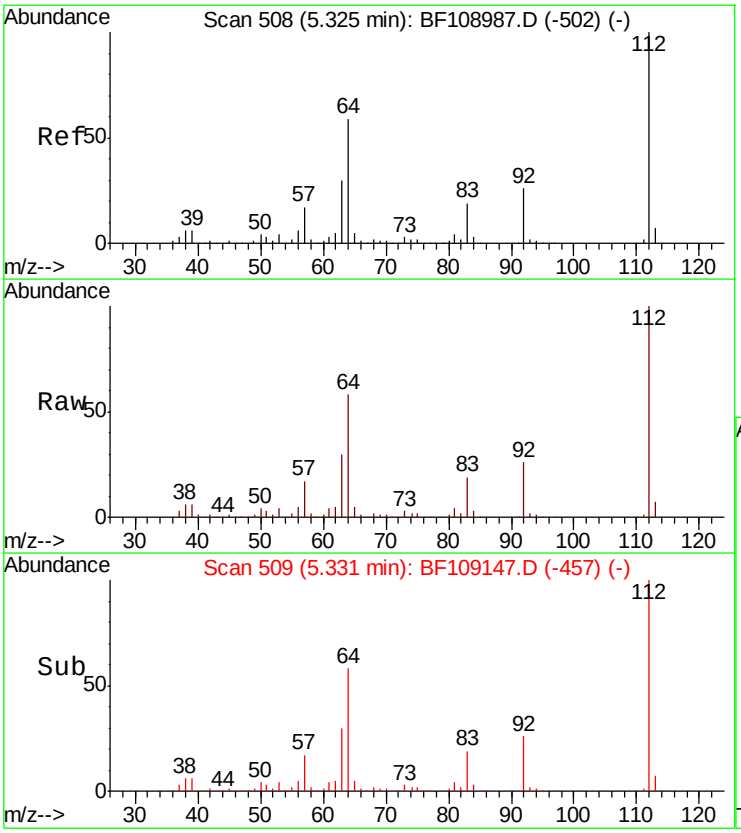
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125872

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	58.2	50.1	75.1

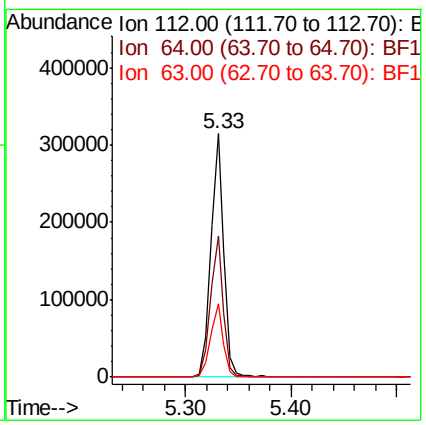


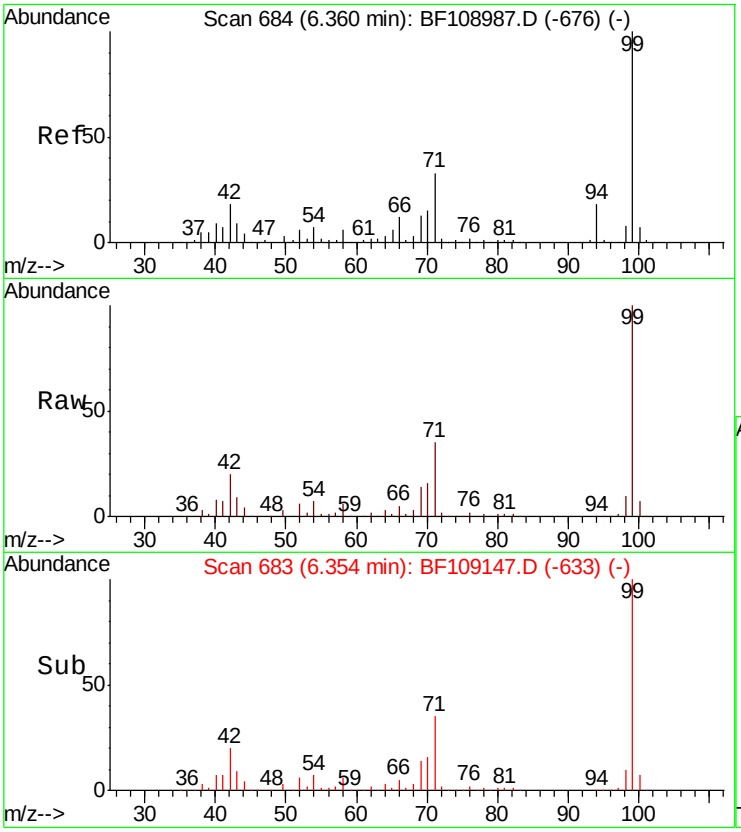


#5
2-Fluorophenol
Concen: 36.249 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:112 Resp: 274719

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.2	23.7	35.5



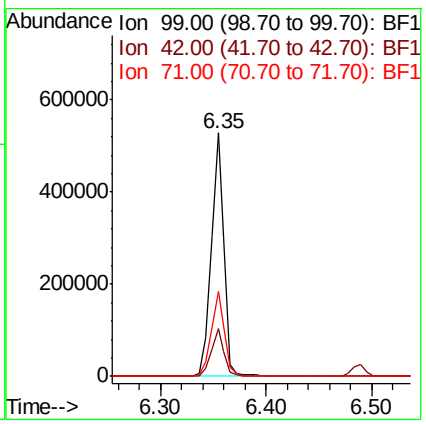


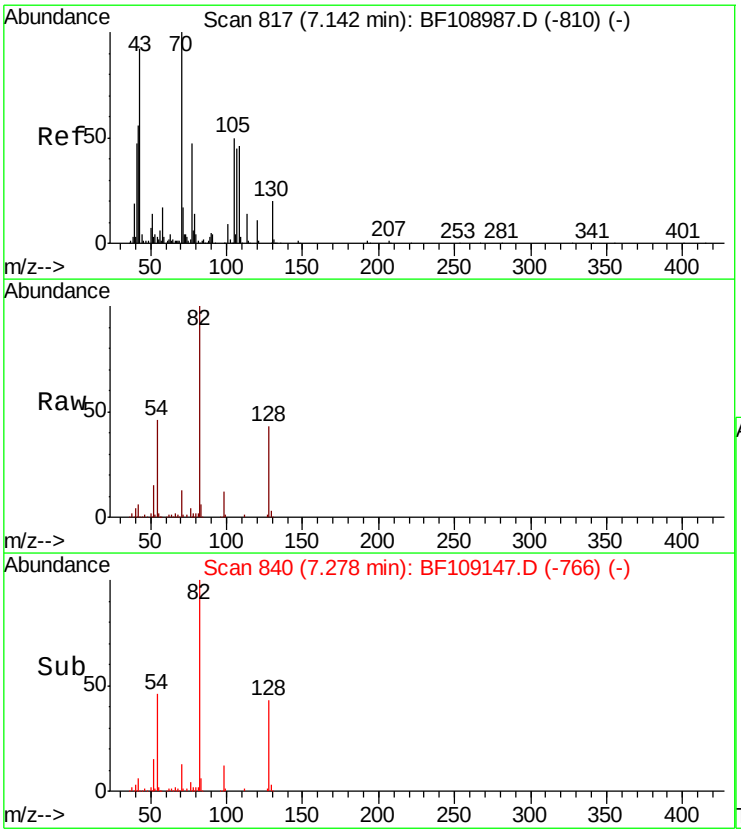
#7
Phenol-d6
Concen: 46.338 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 452826

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.1	25.4	38.0

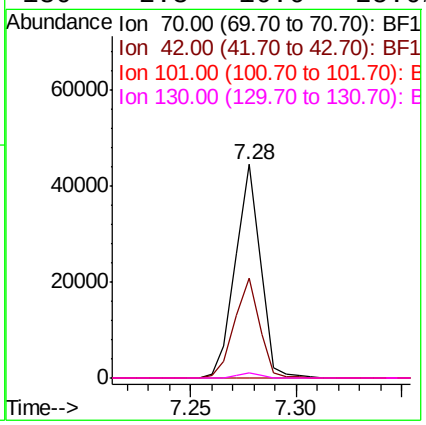


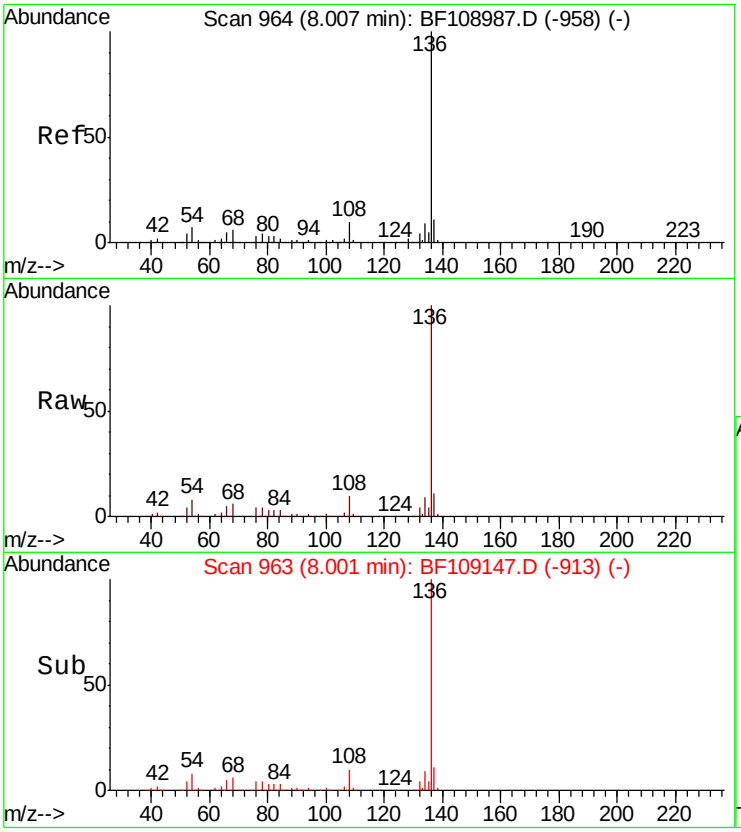


#19
n-Nitroso-di-n-propylamine
Concen: 5.651 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion: 70 Resp: 36503

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



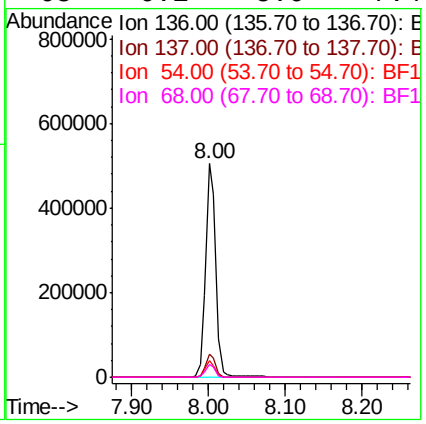


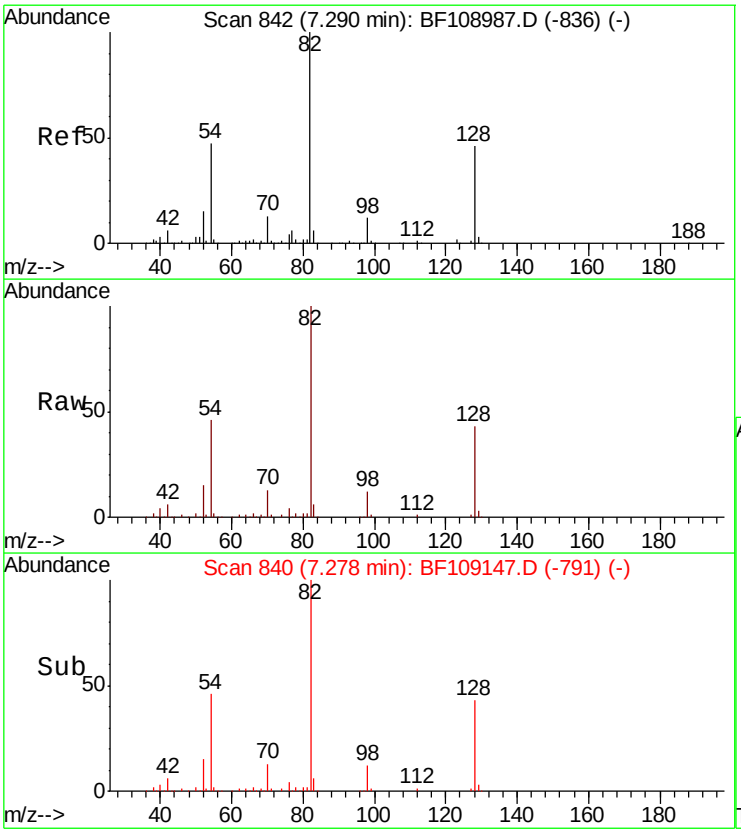
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 459349

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4

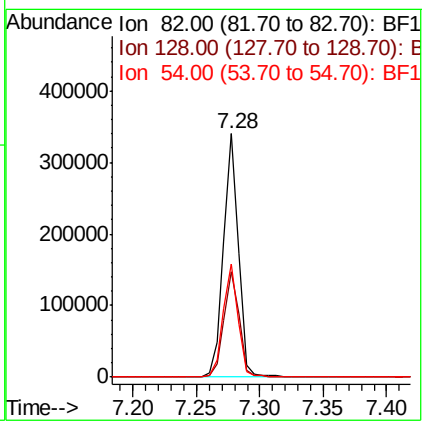


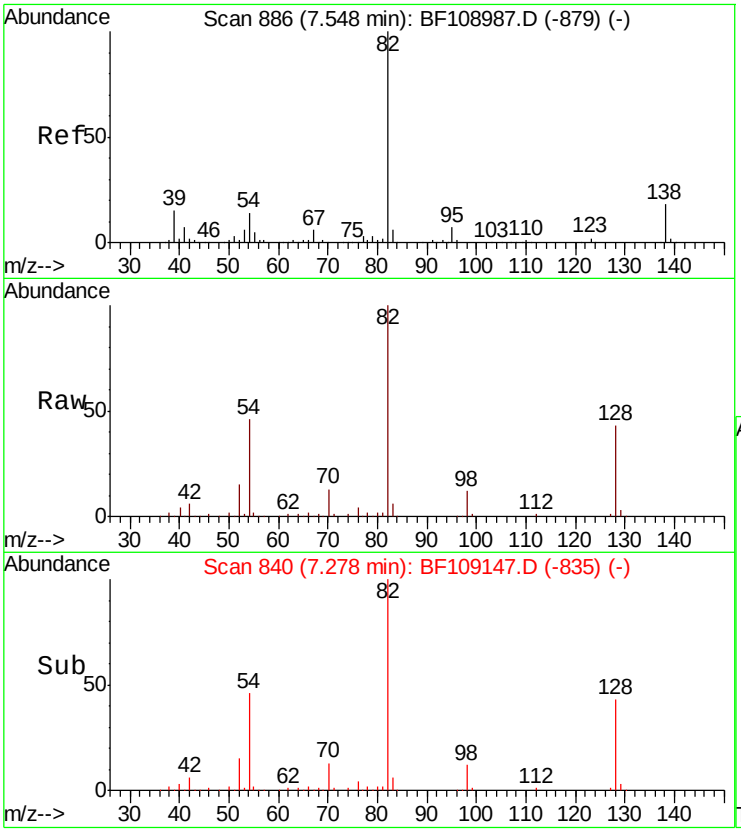


#23
Nitrobenzene-d5
Concen: 34.126 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion: 82 Resp: 279487

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	46.4	41.4	62.2



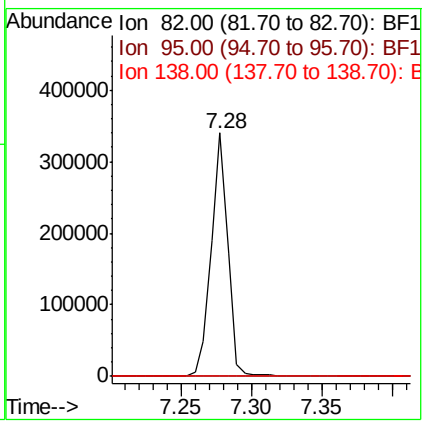


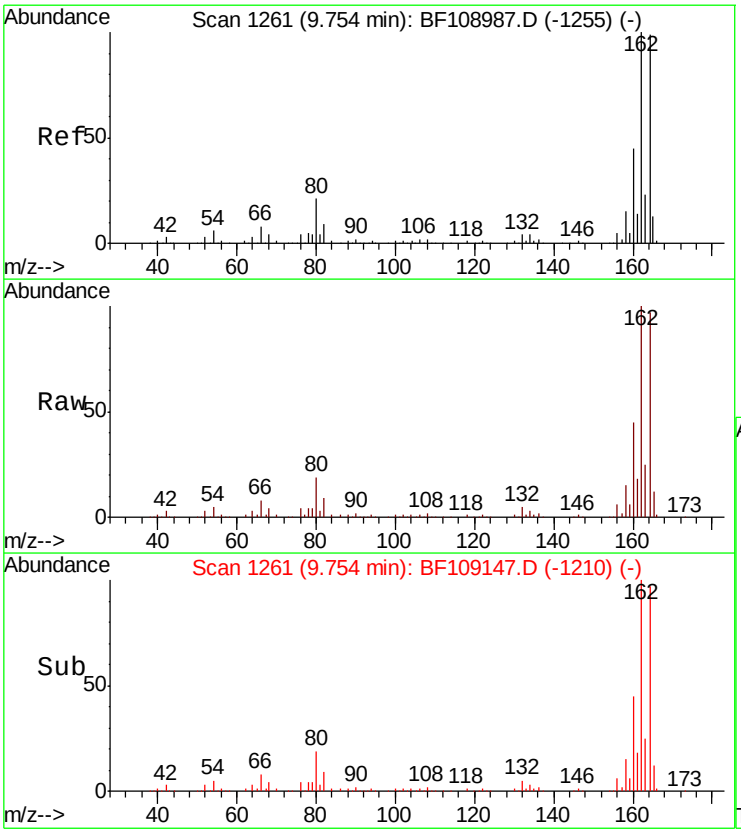
#25
Isophorone
Concen: 19.665 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 276847

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

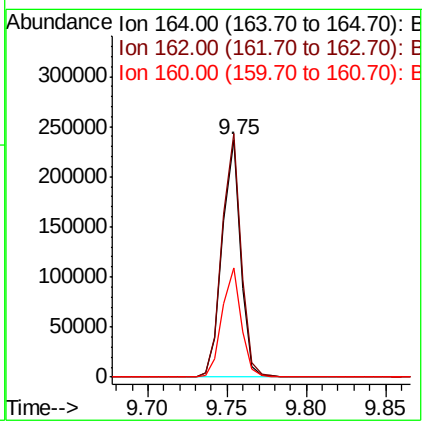


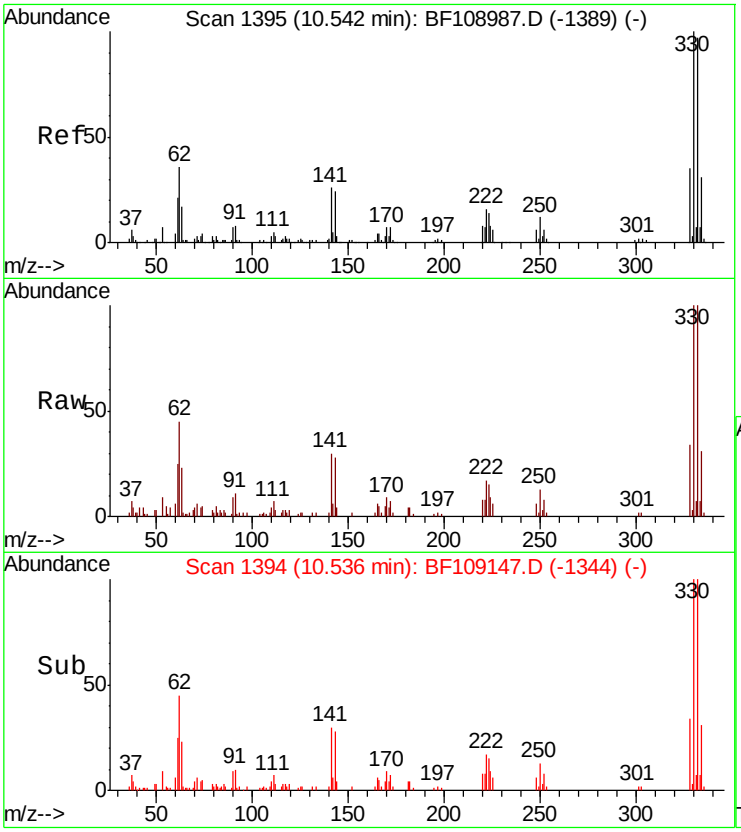


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:164 Resp: 191471

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.0	38.3	57.5



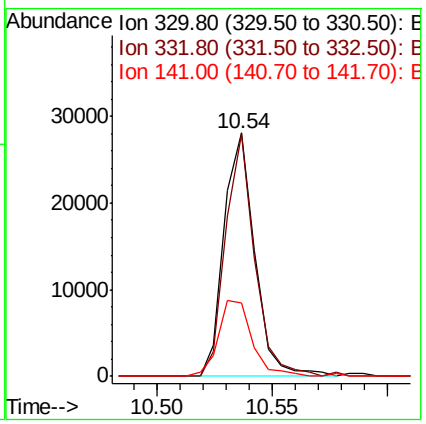


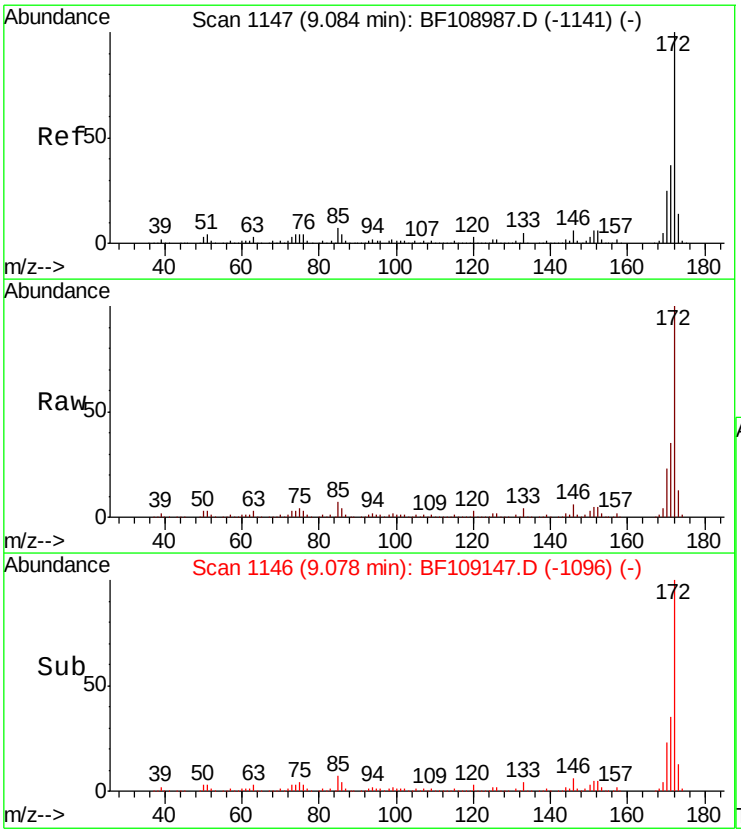
#41
2,4,6-Tribromophenol
Concen: 12.548 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 26075

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	33.9	29.9	44.9

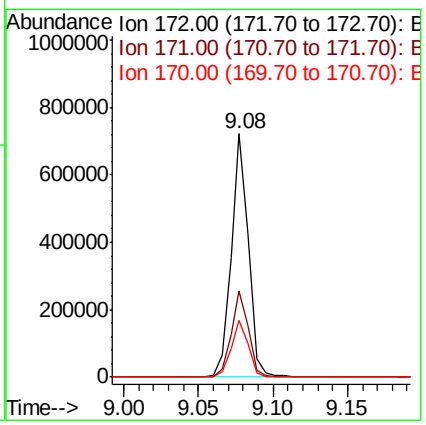


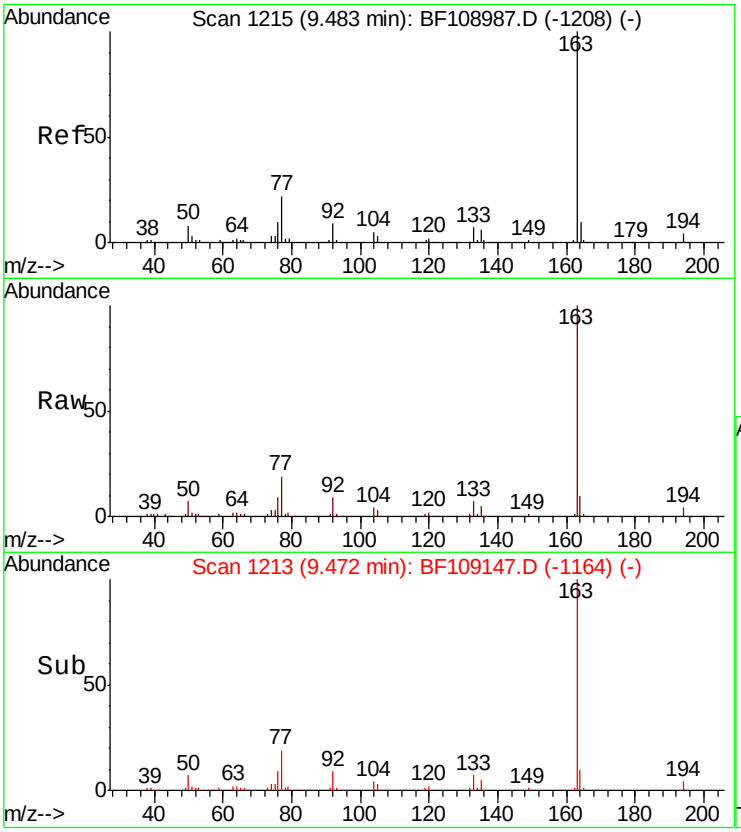


#44
2-Fluorobiphenyl
Concen: 48.223 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:172 Resp: 589336

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4



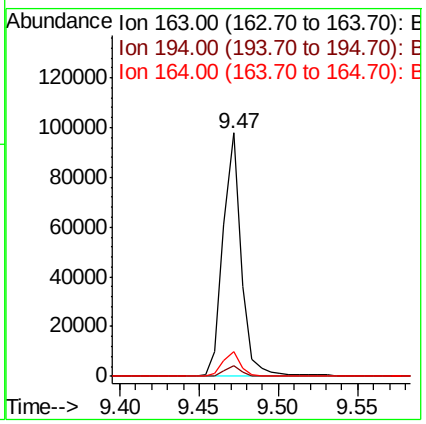


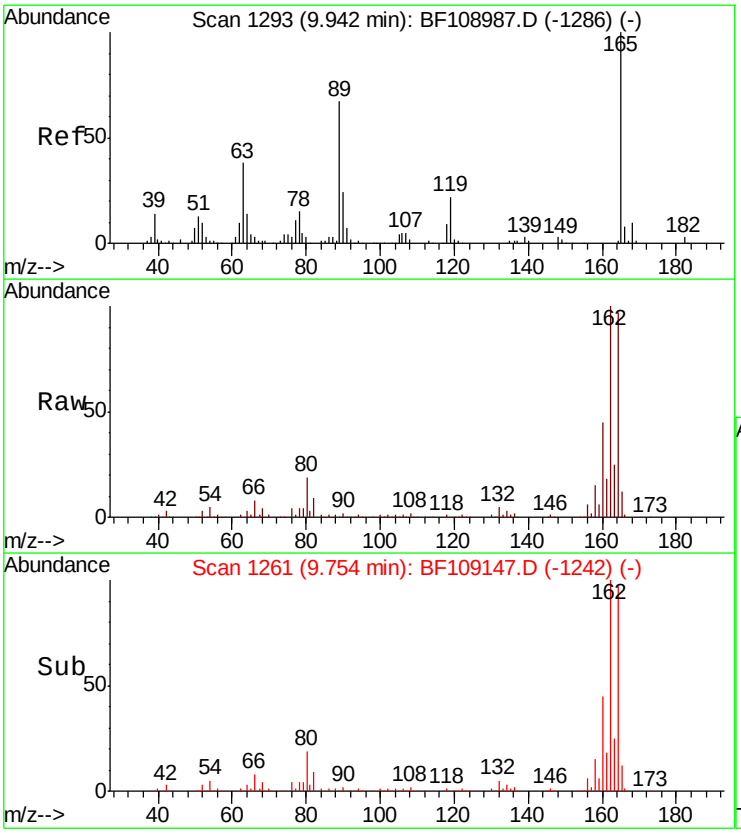
#49
Dimethylphthalate
Concen: 5.722 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 78305

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.1	8.2	12.2

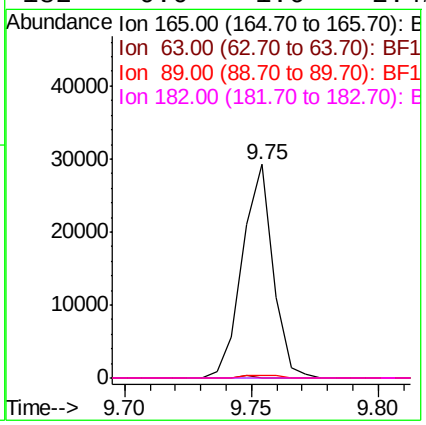


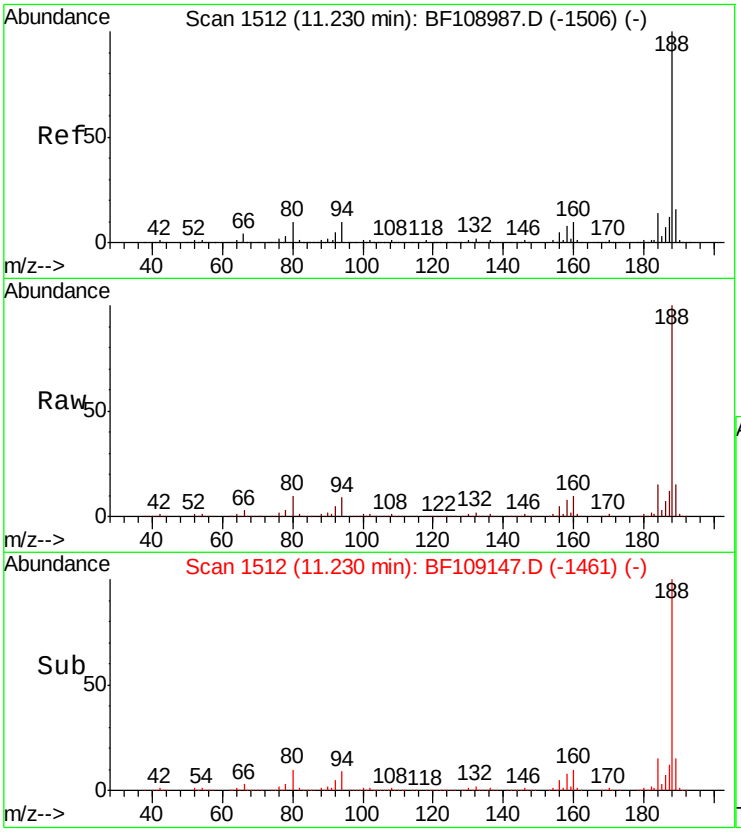


#56
2,4-Dinitrotoluene
Concen: 6.209 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:165 Resp: 24642

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



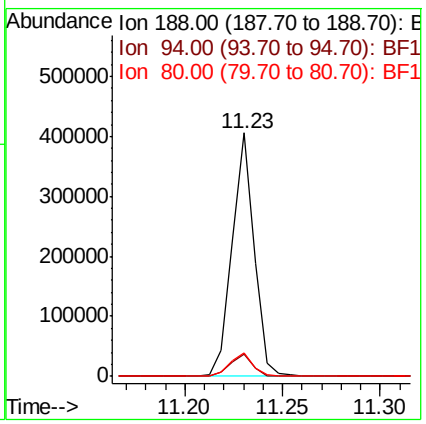


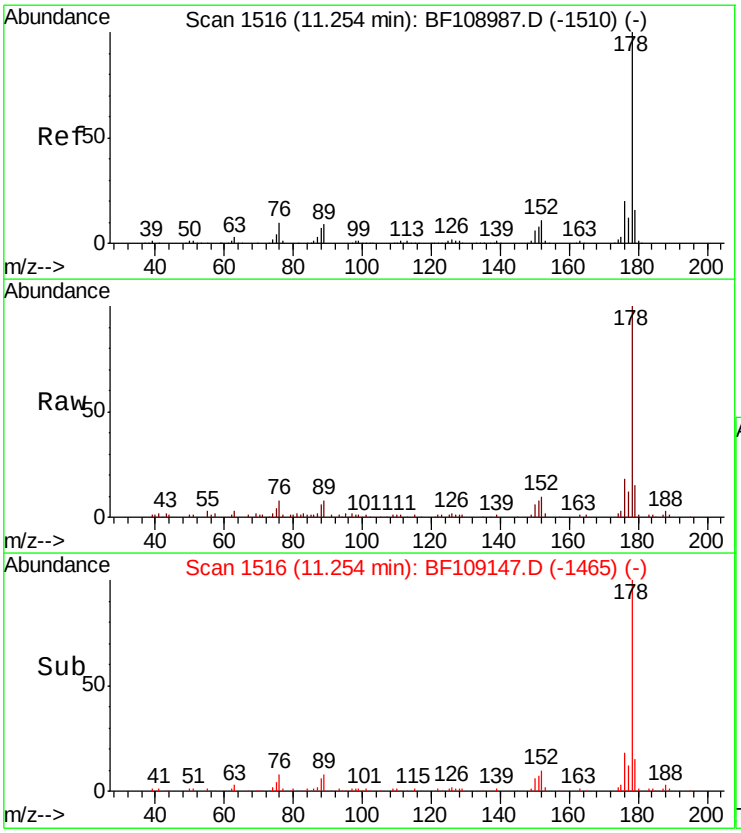
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 319653

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.7	9.2	13.8

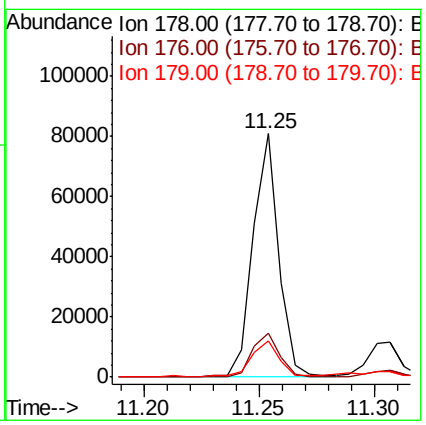


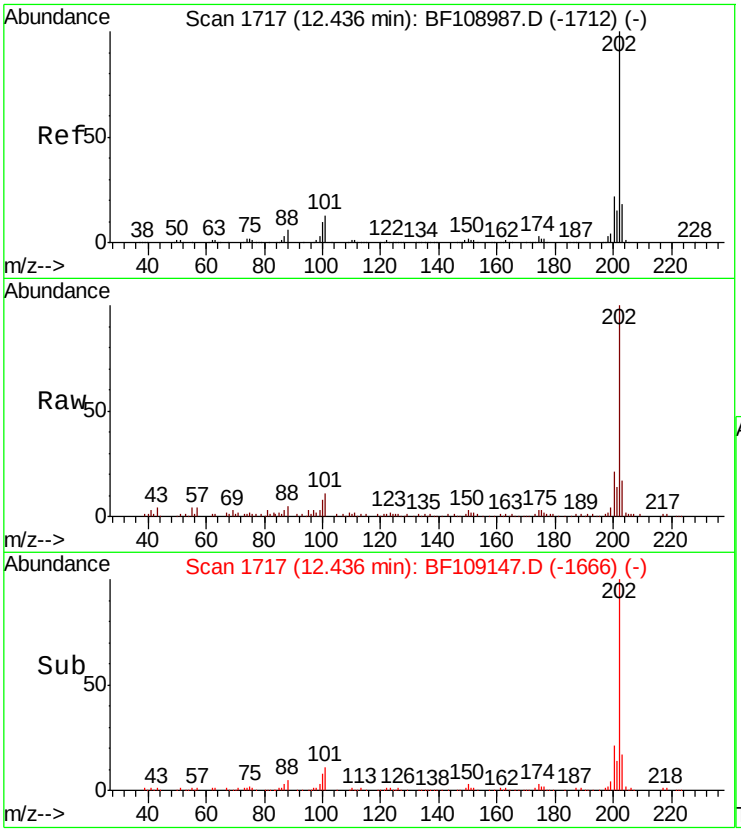


#70
Phenanthrene
Concen: 4.049 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:178 Resp: 63452

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.7	13.0	19.6



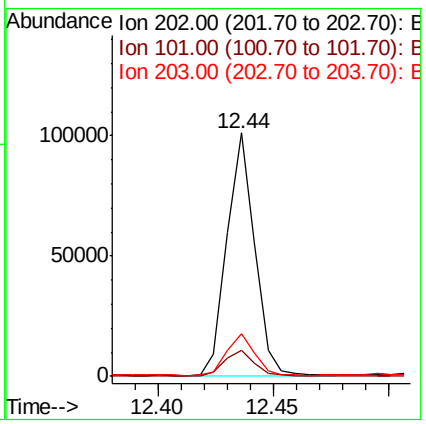


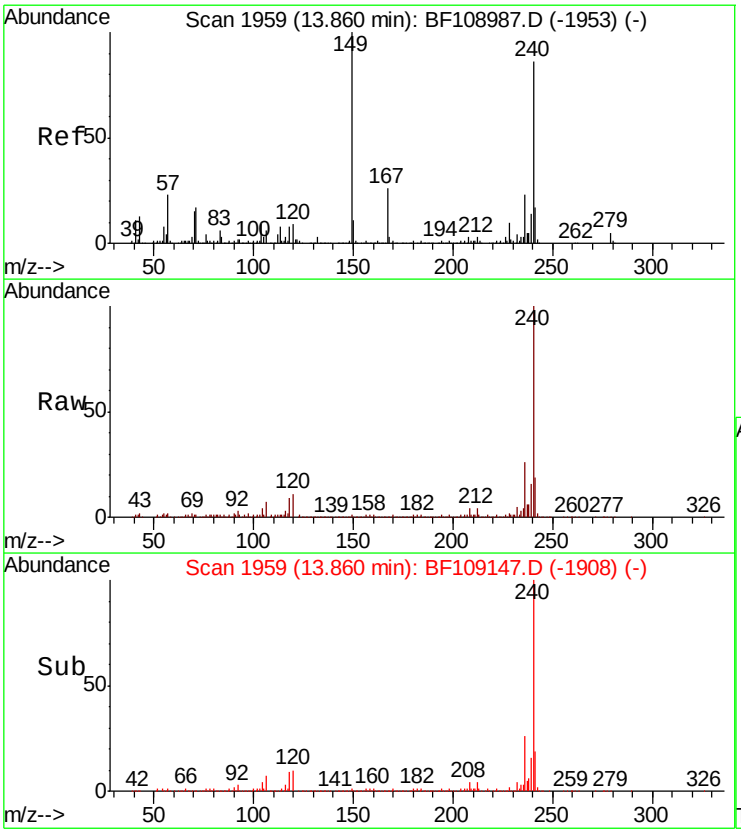
#74
Fluoranthene
Concen: 5.079 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 84013

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.3	0.0	38.1

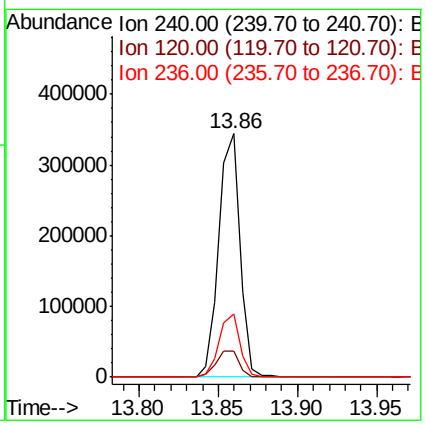


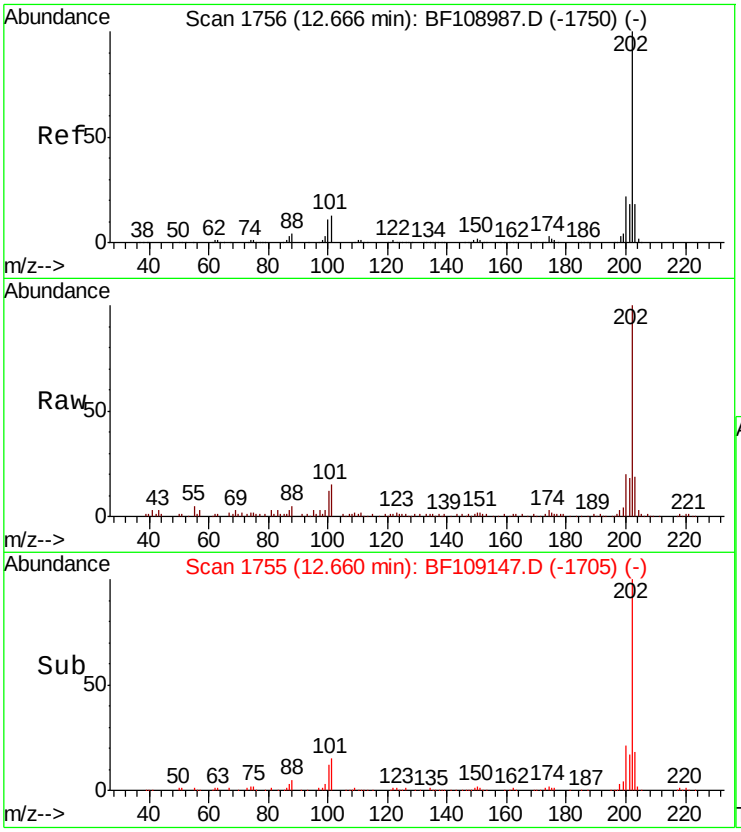


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:240 Resp: 321700

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.9	20.7	31.1



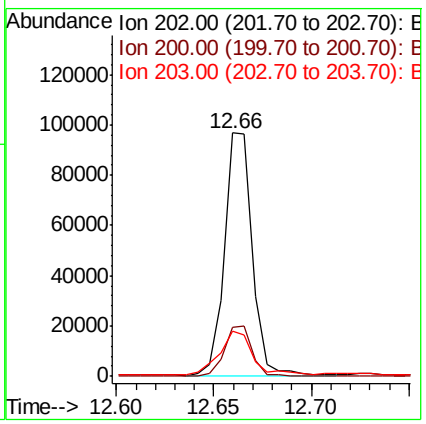


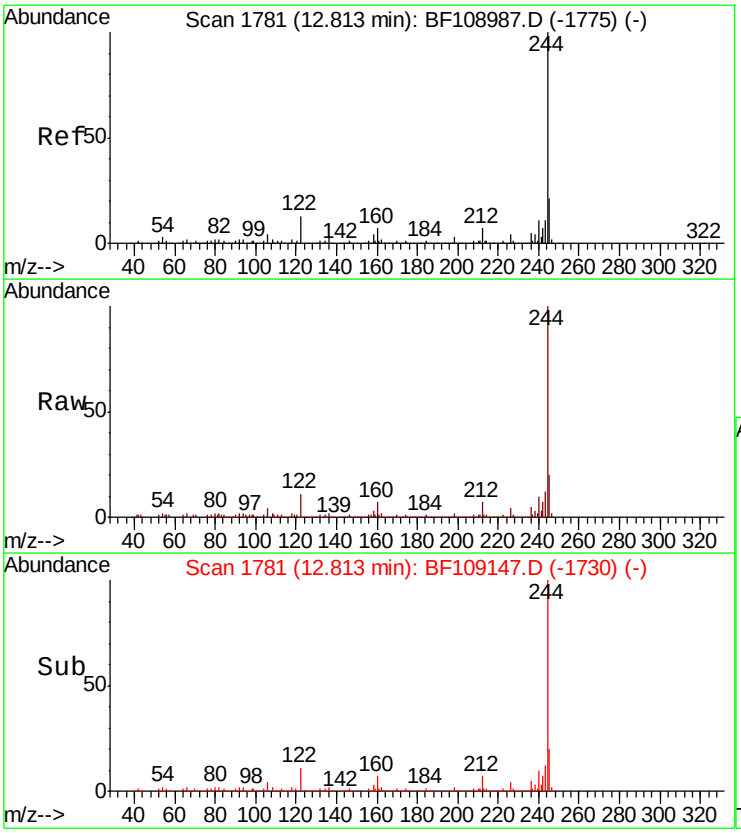
#77
Pyrene
Concen: 3.965 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 94743

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.6	14.3	21.5

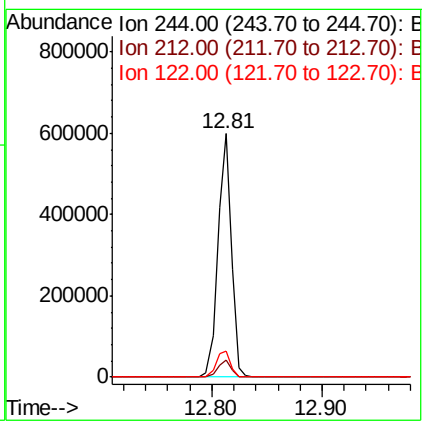


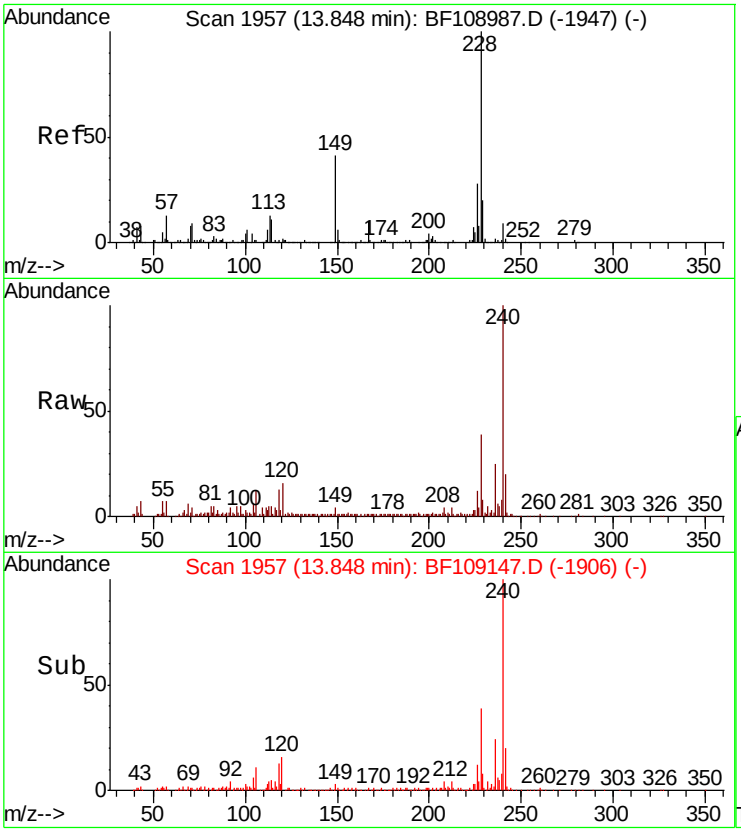


#78
Terphenyl-d14
Concen: 37.190 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:244 Resp: 504756

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#



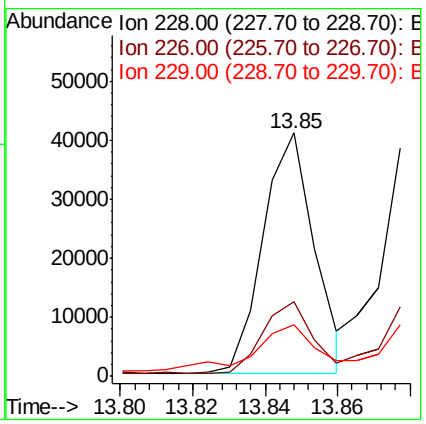


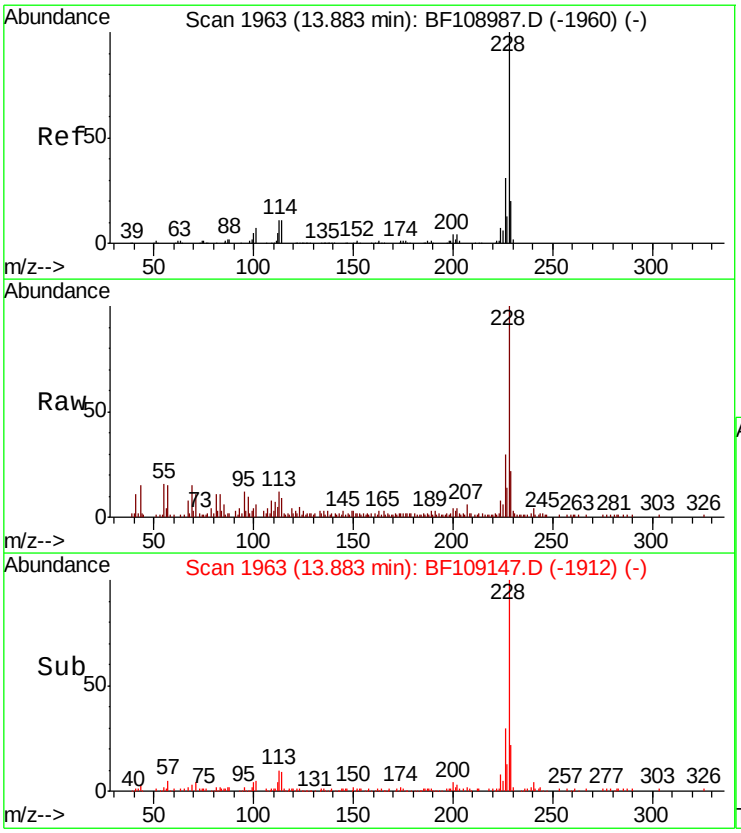
#80
Benzo(a)anthracene
Concen: 2.053 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39988

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.2	15.8	23.6

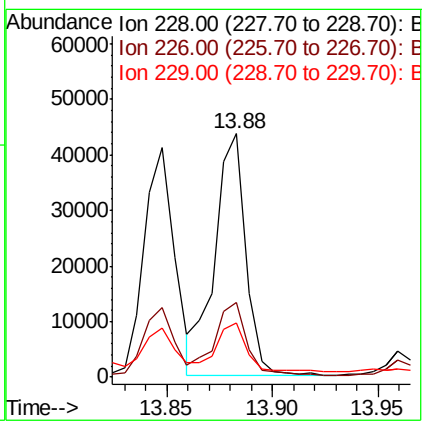


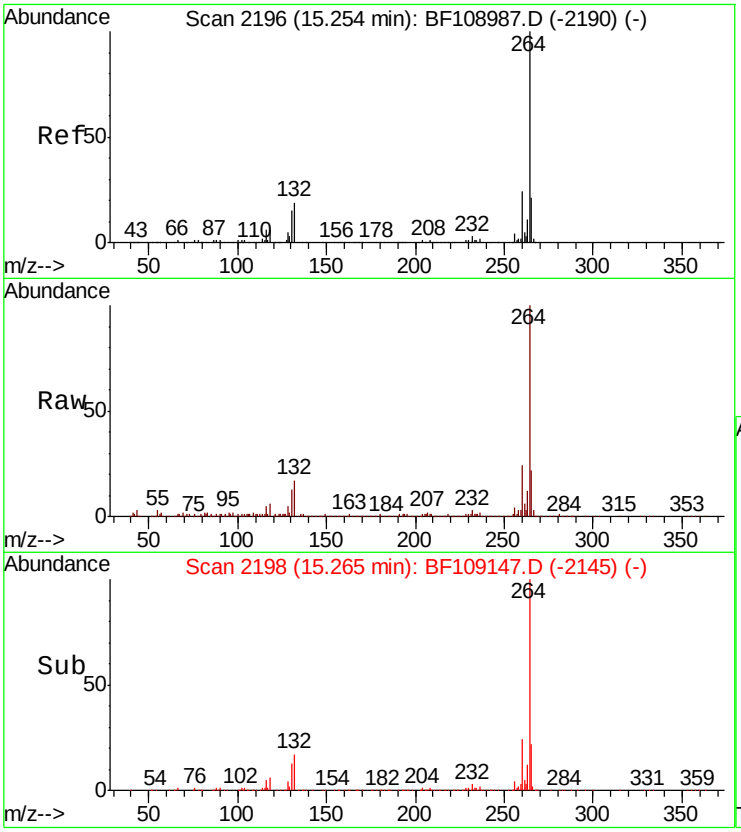


#82
Chrysene
Concen: 2.277 ng
RT: 13.88 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:228 Resp: 44365

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.5	16.2	24.4



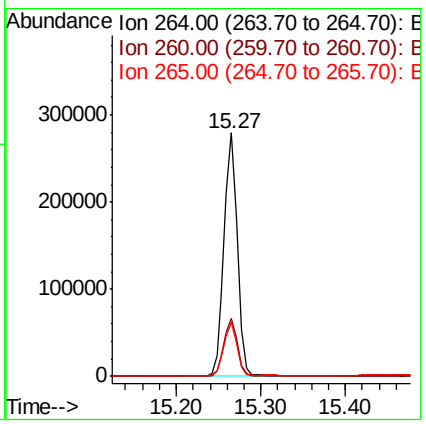


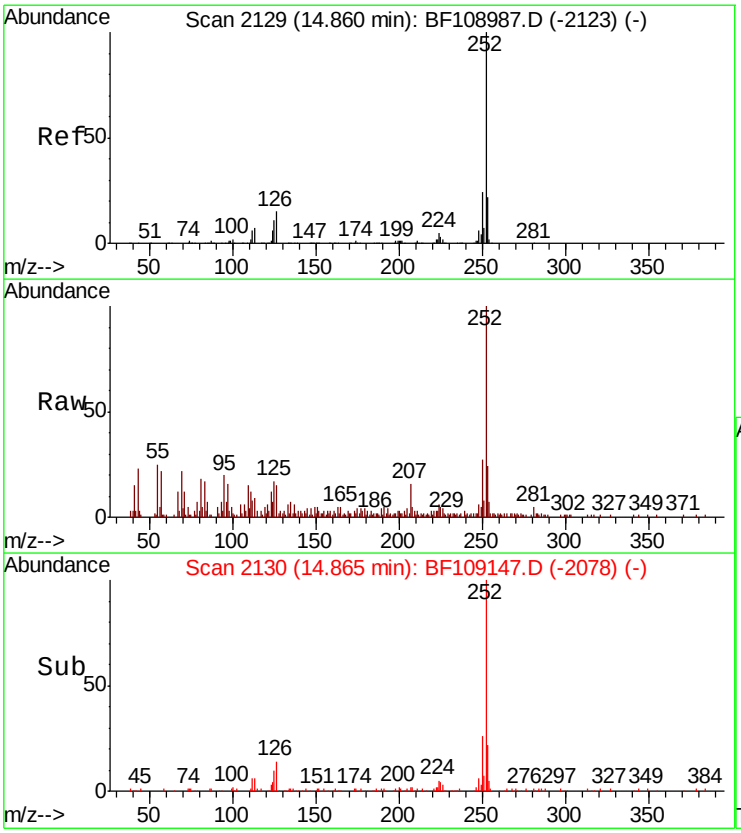
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 307149

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

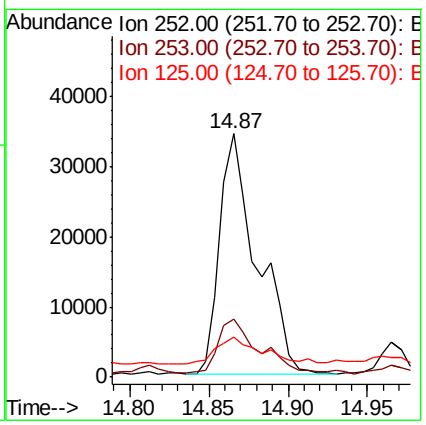


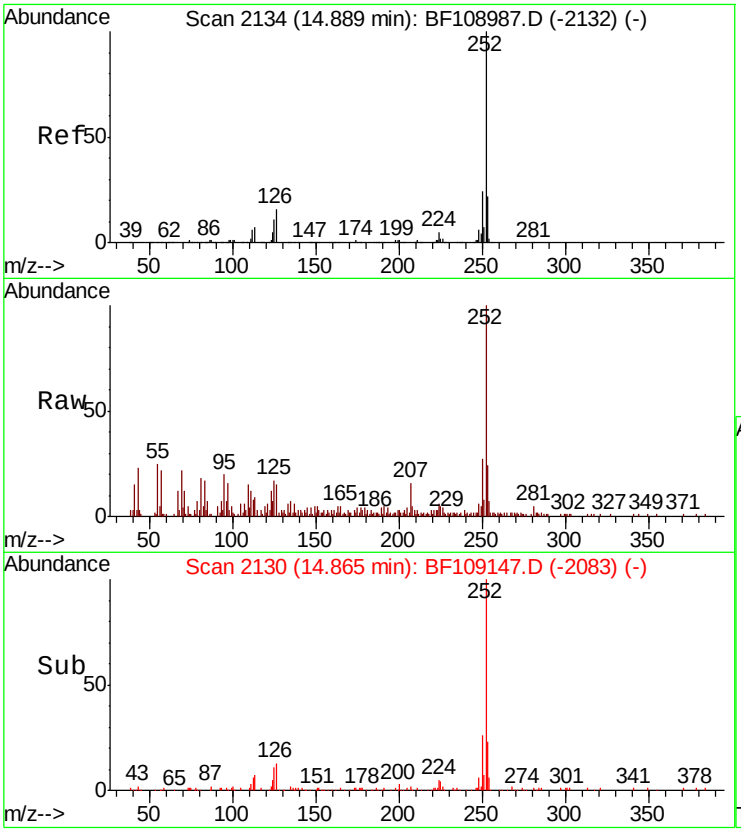


#87
Benzo(b)fluoranthene
Concen: 3.322 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:252 Resp: 56450

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	16.7	9.0	13.6#



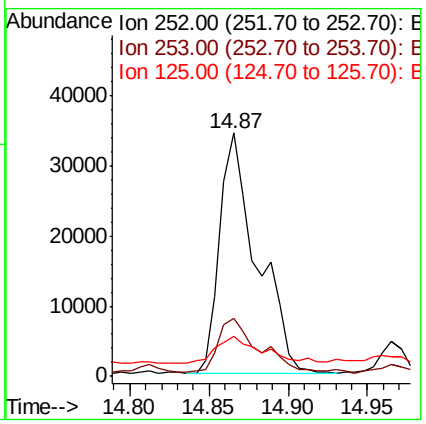


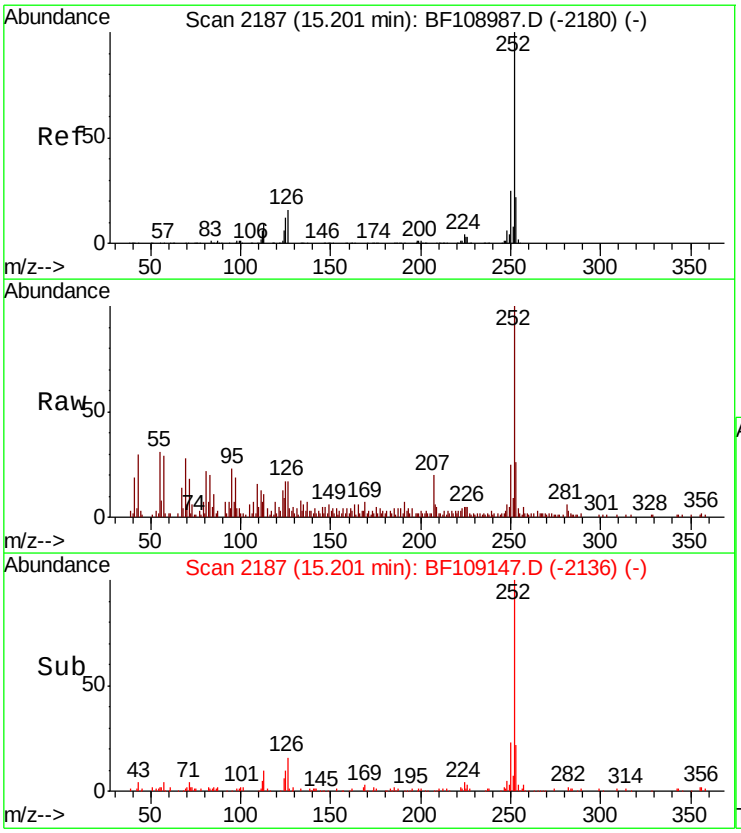
#88
Benzo(k)fluoranthene
Concen: 3.557 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 56450

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	16.7	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.287 ng
RT: 15.20 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF109147.D
Acq: 19 Sep 2018 16:55

Tgt Ion:252 Resp: 34512

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	17.4	9.8	14.6#