Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
Data File : BF108113.D
Acq On : 13 Aug 2018 13:55
Operator : JU/SJ
Sample : J4272-11RE 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 13 15:00:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	264471	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	993575	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	487270	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	857961	20.00	ng		0.01
75) Chrysene-d12	14.23	240	667215	20.00	ng		0.01
86) Perylene-d12	15.82	264	693969	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	737678	50.50	ng		0.00
7) Phenol-d6	6.63	99	1023715	52.74	ng		0.00
23) Nitrobenzene-d5	7.58	82	644995	36.22	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	245443	50.50	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1102697	36.33	ng		0.00
78) Terphenyl-d14	13.16	244	972041	37.04	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	86629	6.599	ng	#	88
25) Isophorone	7.58	82	642160	18.922	ng	#	64
32) Benzoic acid	7.98	122	897	6.064	ng	#	68
49) Dimethylphthalate	9.77	163	91491	2.695	ng	#	99
50) 2,6-Dinitrotoluene	10.07	165	64722	9.114	ng	#	26
56) 2,4-Dinitrotoluene	10.07	165	64722	7.080	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.86	198	494	5.495	ng	#	1
70) Phenanthrene	11.59	178	127523	3.151	ng		97
74) Fluoranthene	12.79	202	250923	5.682	ng		97
77) Pyrene	13.02	202	236536	5.600	ng		99
80) Benzo(a)anthracene	14.22	228	129710	3.387	ng		97
82) Chrysene	14.25	228	108793	3.099	ng		97
87) Benzo(b)fluoranthene	15.34	252	198959	4.798	ng	#	93
88) Benzo(k)fluoranthene	15.34	252	198959	5.219	ng		95
89) Benzo(a)pyrene	15.74	252	114179	3.075	ng		92

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

Quantitation Report (Not Reviewed)

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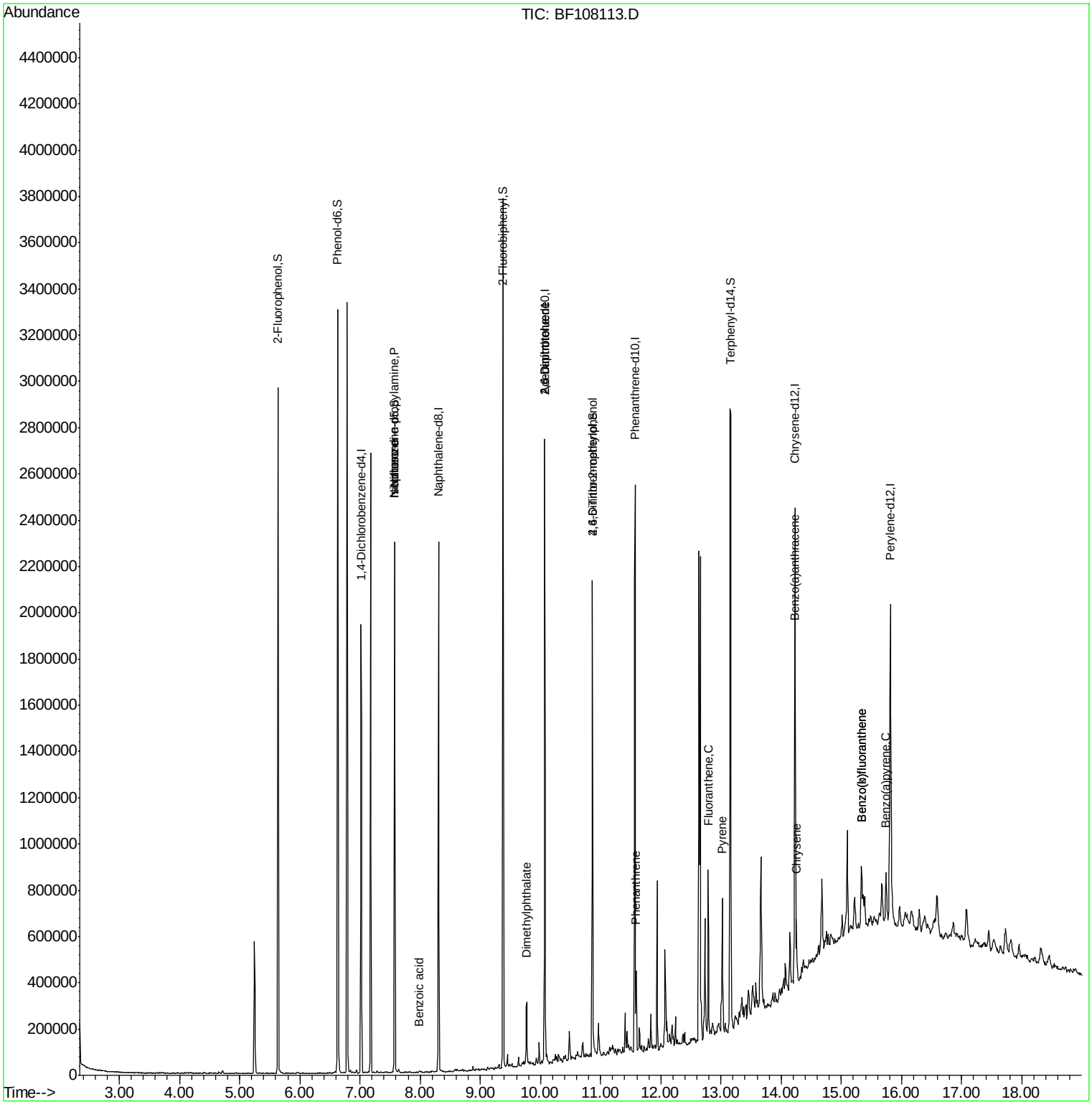
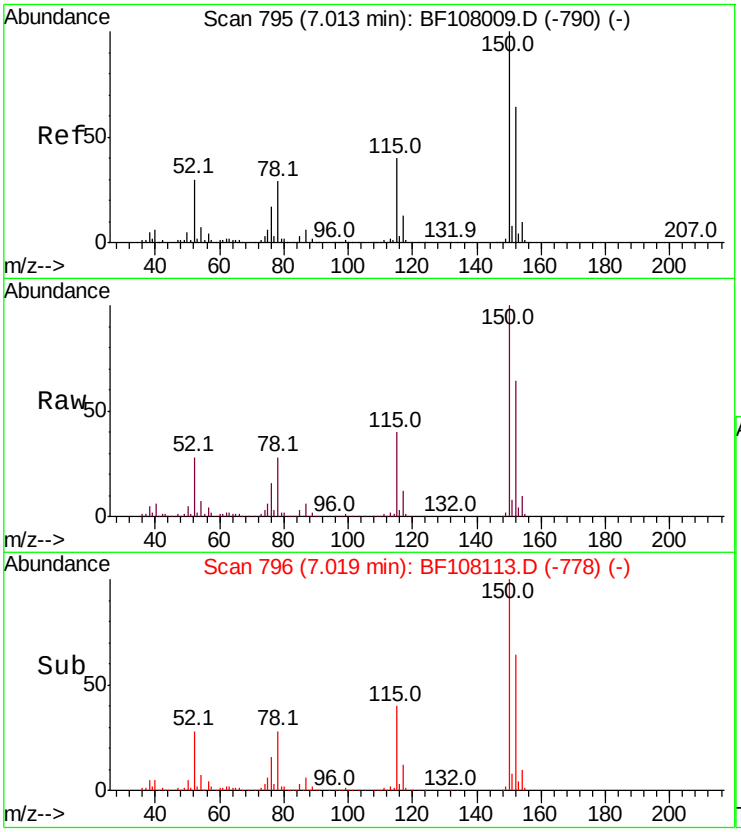
Acq On : 13 Aug 2018 13:55
Operator : JU/SJ
Sample : J4272-11RE 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 13 15:00:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



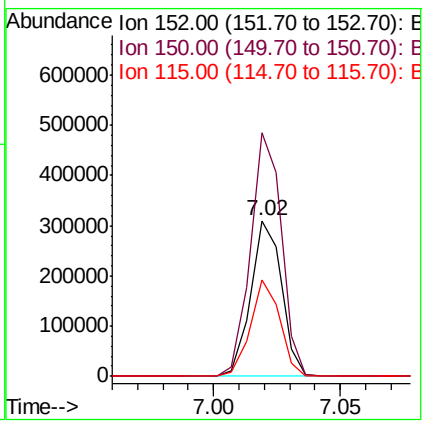


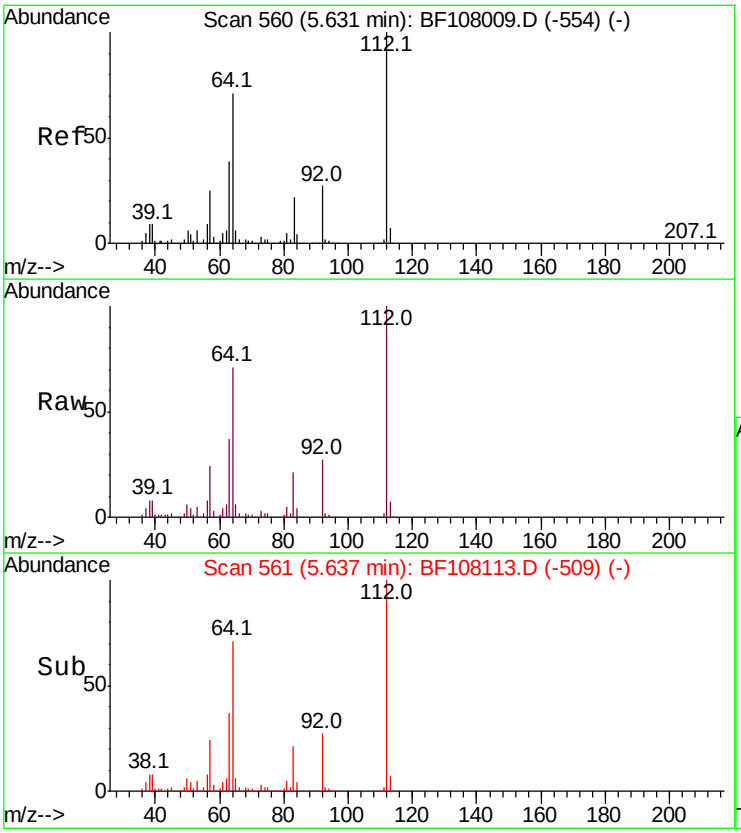
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 264471

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	62.1	50.1	75.1

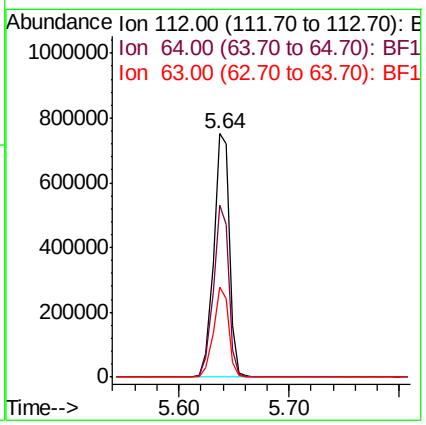


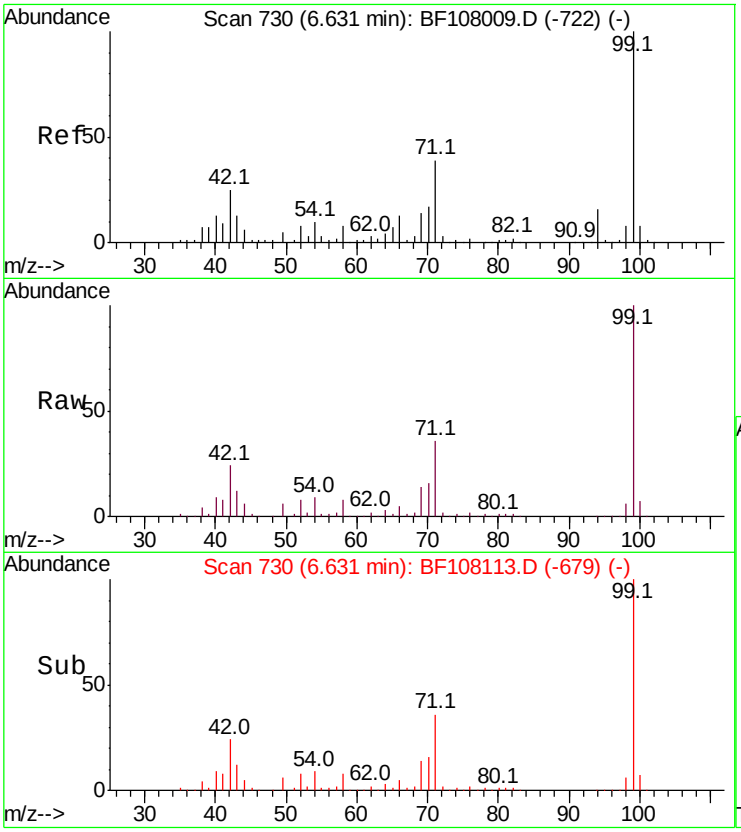


#5
2-Fluorophenol
Concen: 50.498 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:112 Resp: 737678

Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	36.9	23.7	35.5#



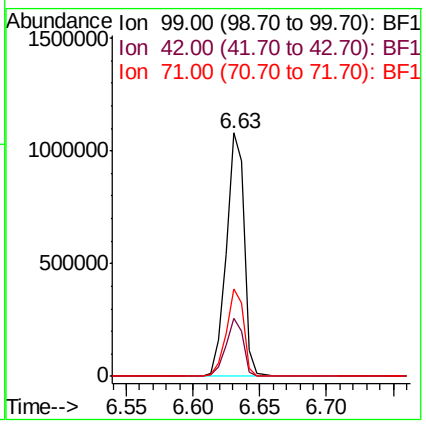


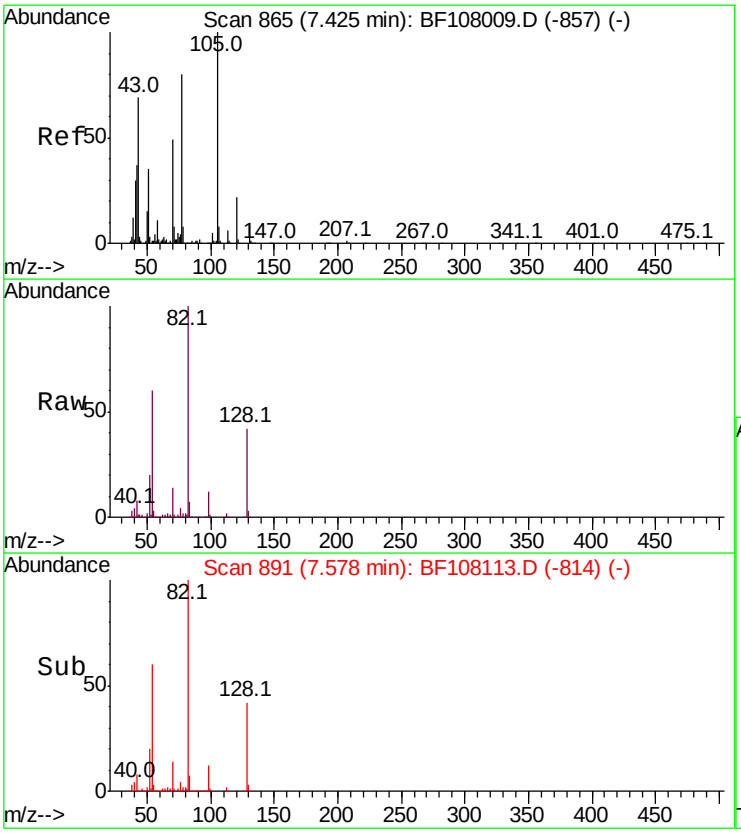
#7
Phenol-d6
Concen: 52.736 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1023715

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	36.2	25.4	38.0

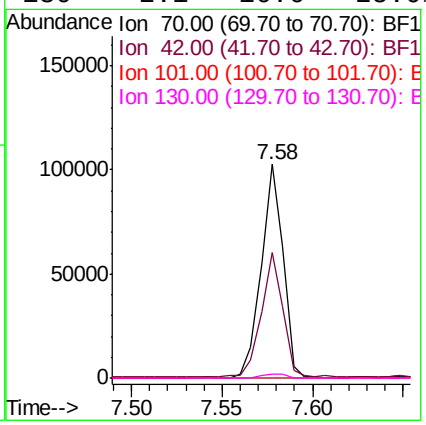


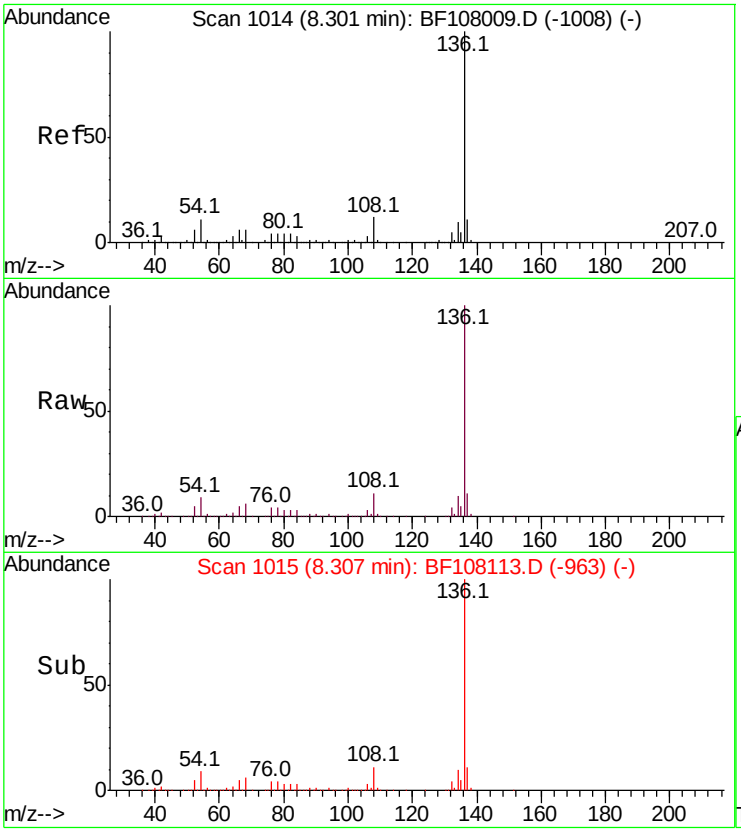


#19
n-Nitroso-di-n-propylamine
Concen: 6.599 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion: 70 Resp: 86629

Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



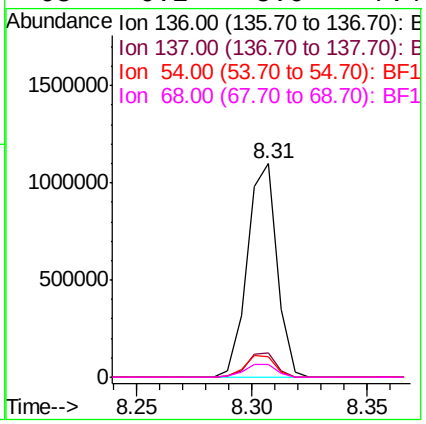


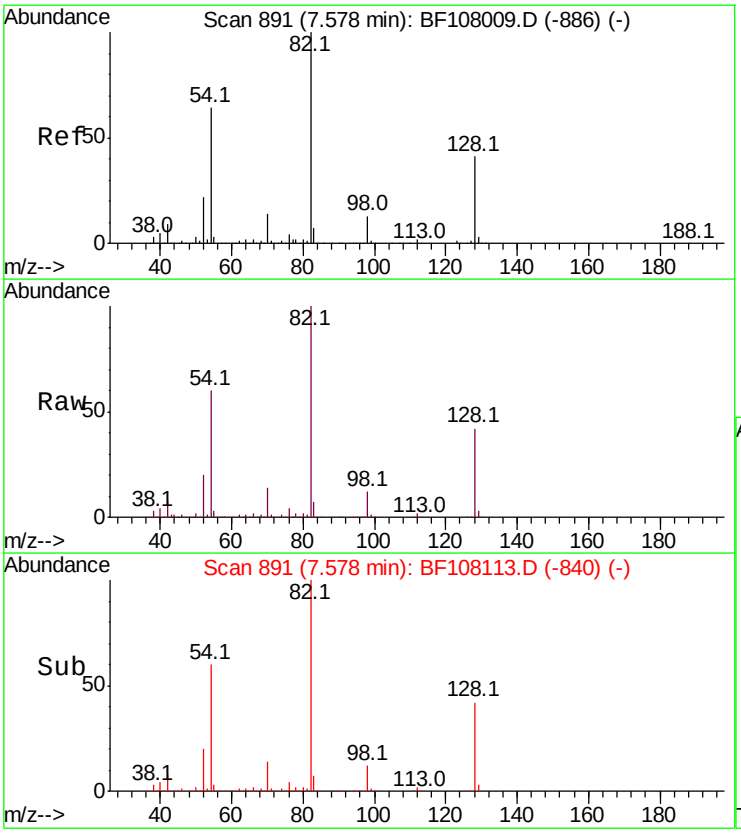
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 993575

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.5	6.6	9.8
68	6.2	5.0	7.4

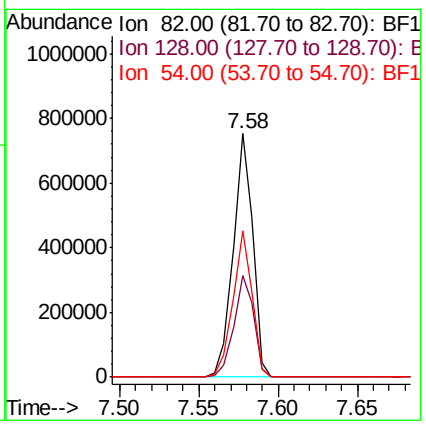


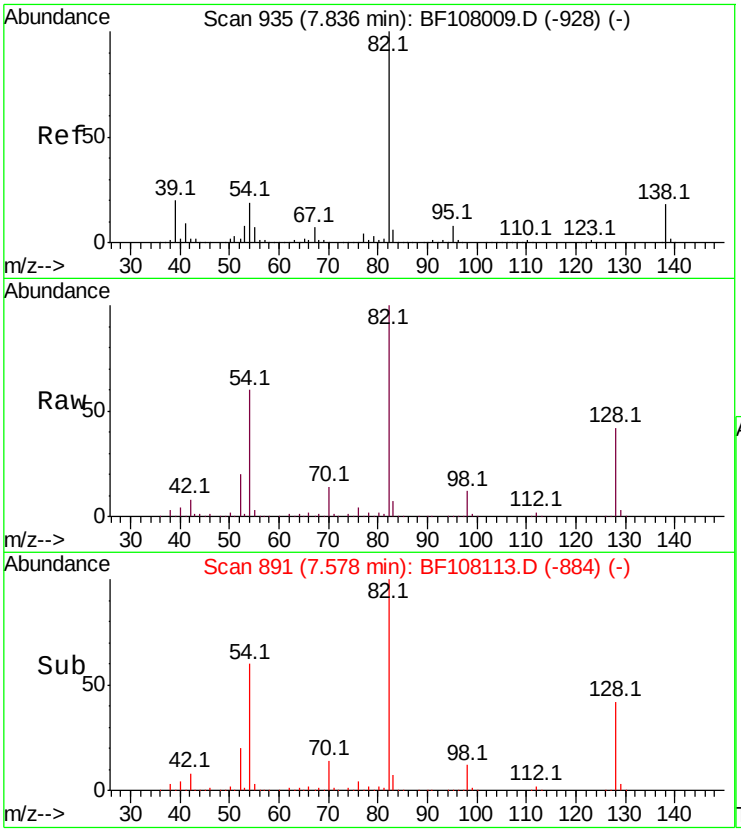


#23
Nitrobenzene-d5
Concen: 36.224 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion: 82 Resp: 644995

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	60.1	41.4	62.2



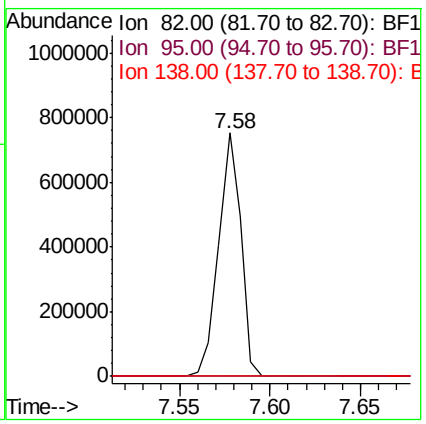


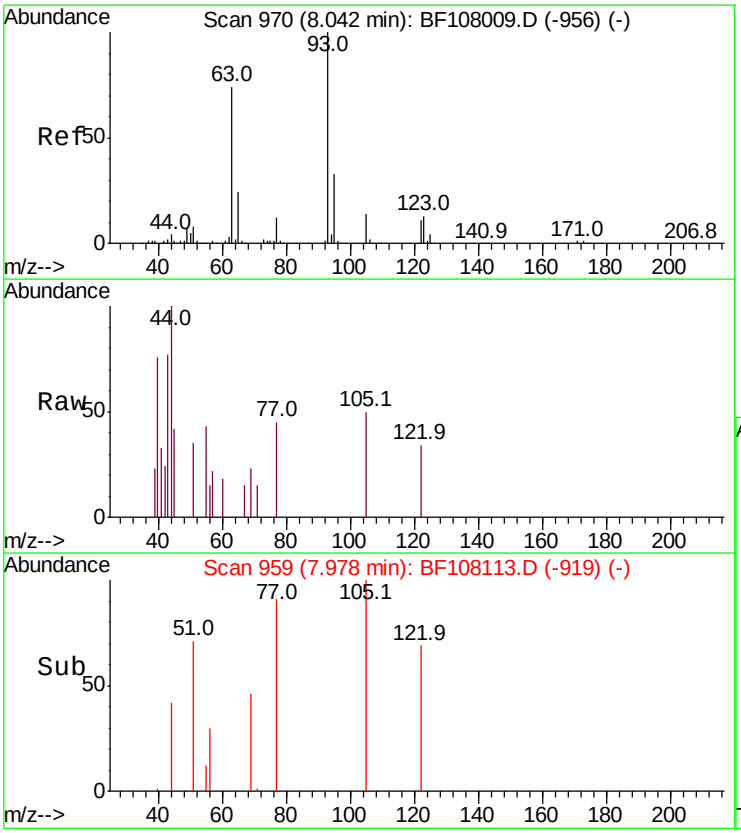
#25
Isophorone
Concen: 18.922 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 642160

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

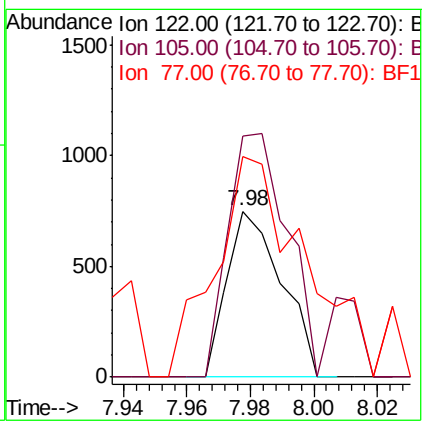


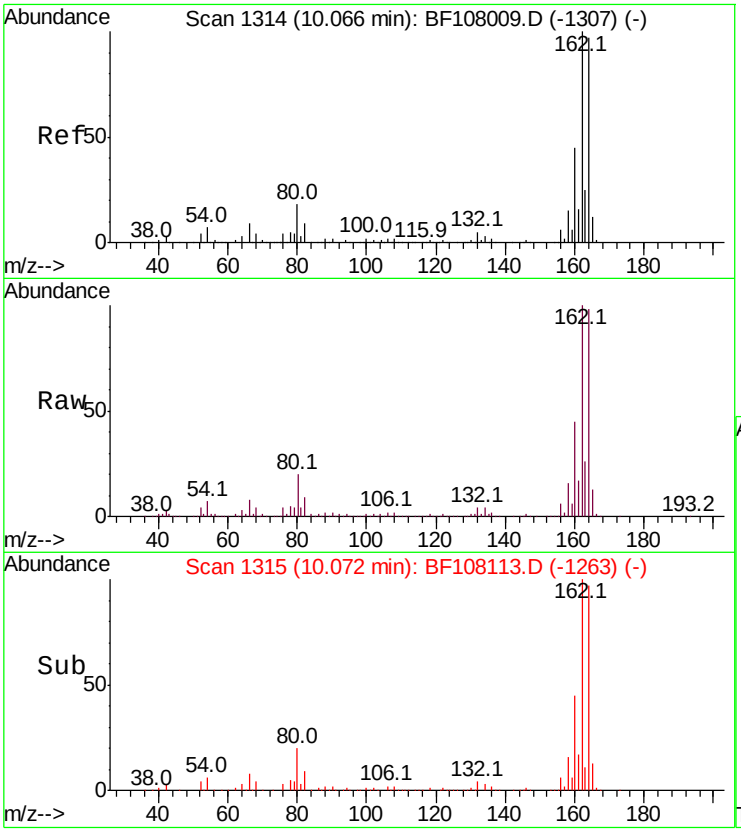


#32
Benzoic acid
Concen: 6.064 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:122 Resp: 897

Ion	Ratio	Lower	Upper
122	100		
105	145.5	101.1	141.1#
77	132.8	70.7	110.7#



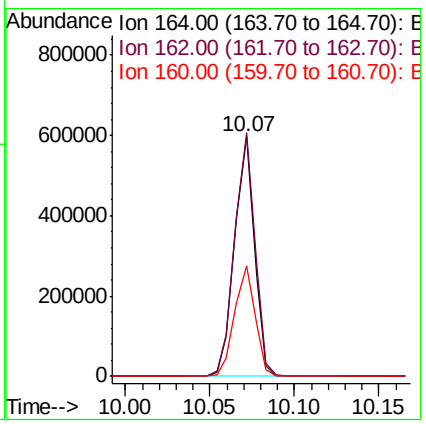


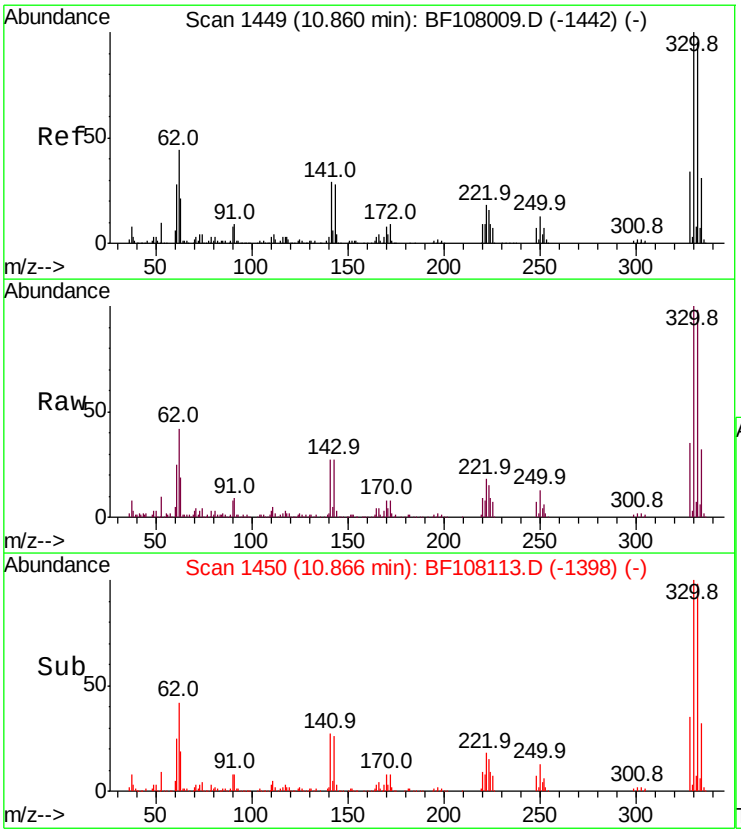
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 487270

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.2	38.3	57.5

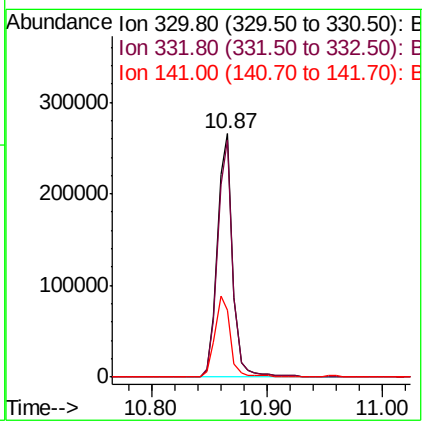


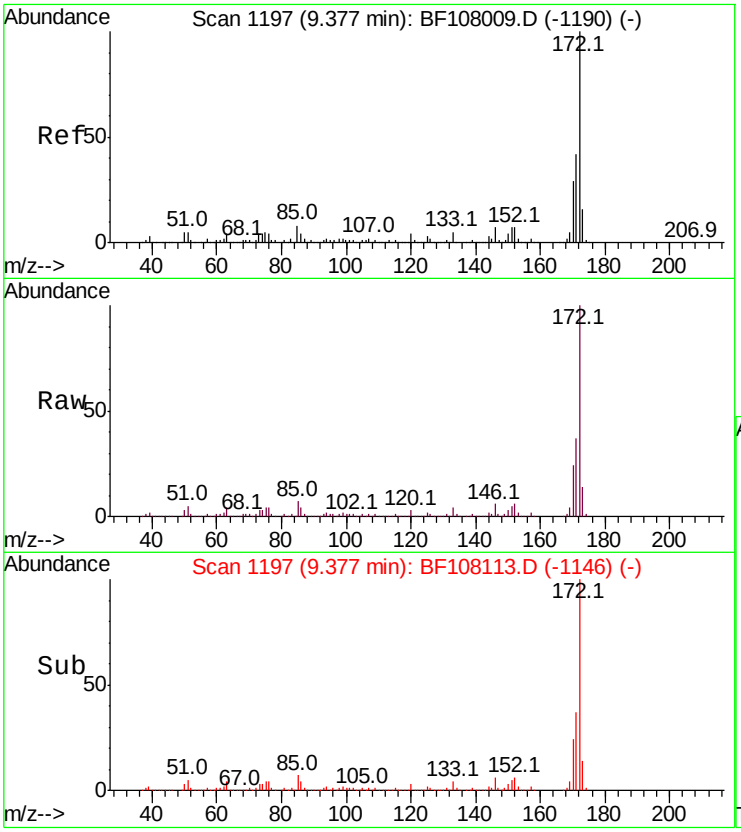


#41
2,4,6-Tribromophenol
Concen: 50.499 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:330 Resp: 245443

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.0	29.9	44.9



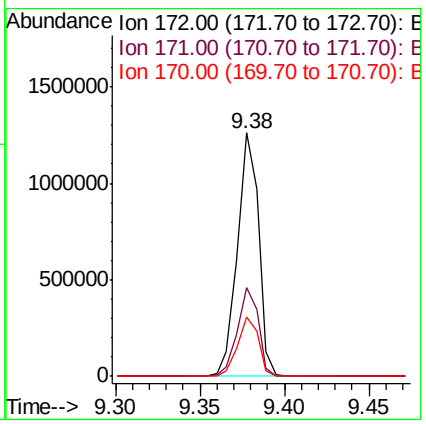


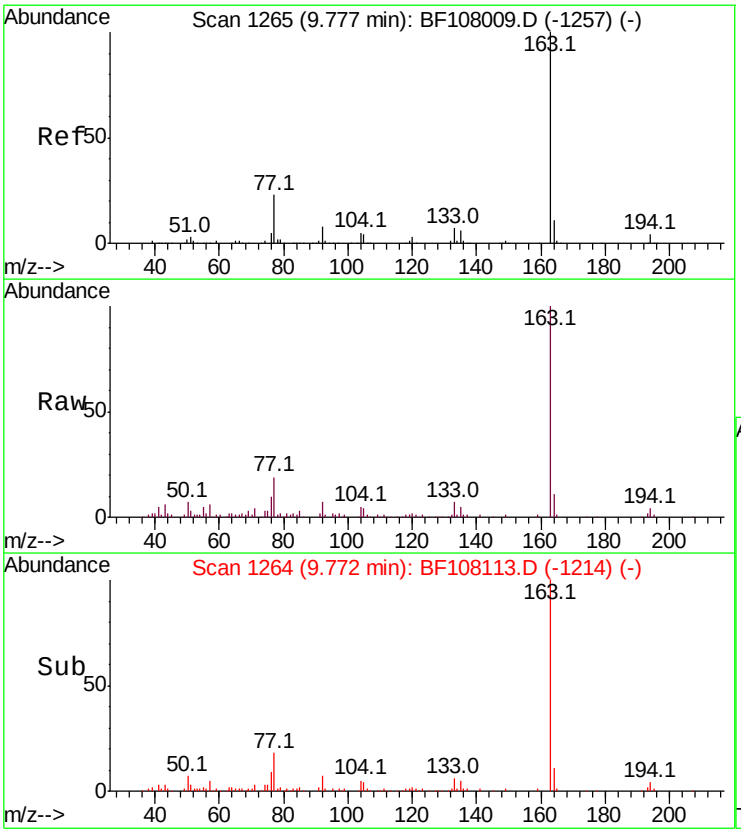
#44
2-Fluorobiphenyl
Concen: 36.332 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1102697

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

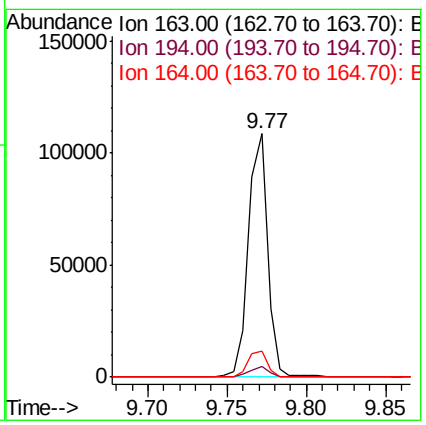


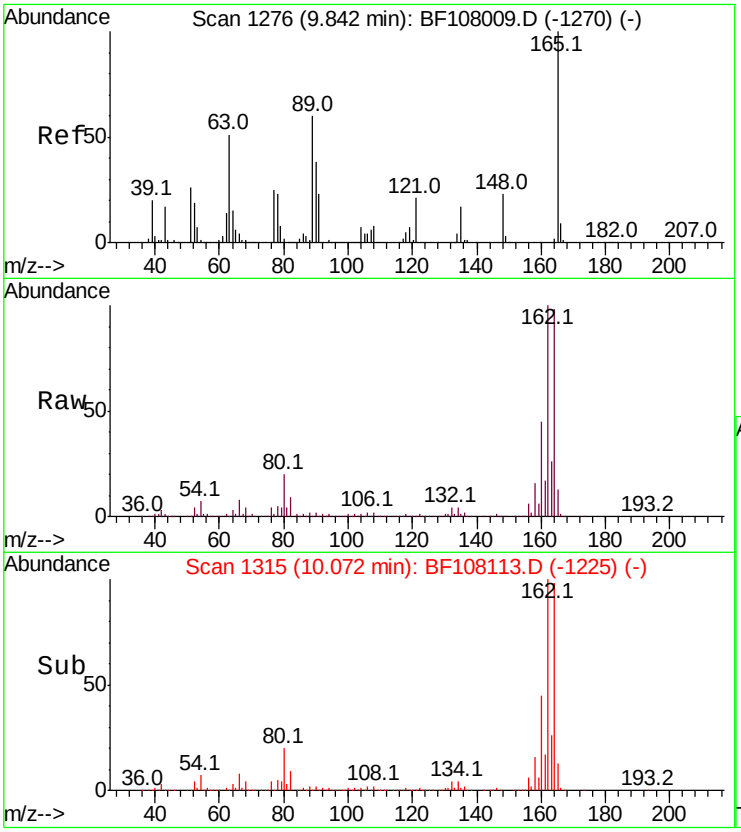


#49
Dimethylphthalate
Concen: 2.695 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:163 Resp: 91491

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.6	8.2	12.2



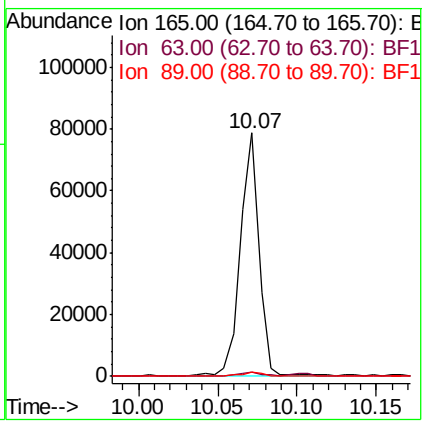


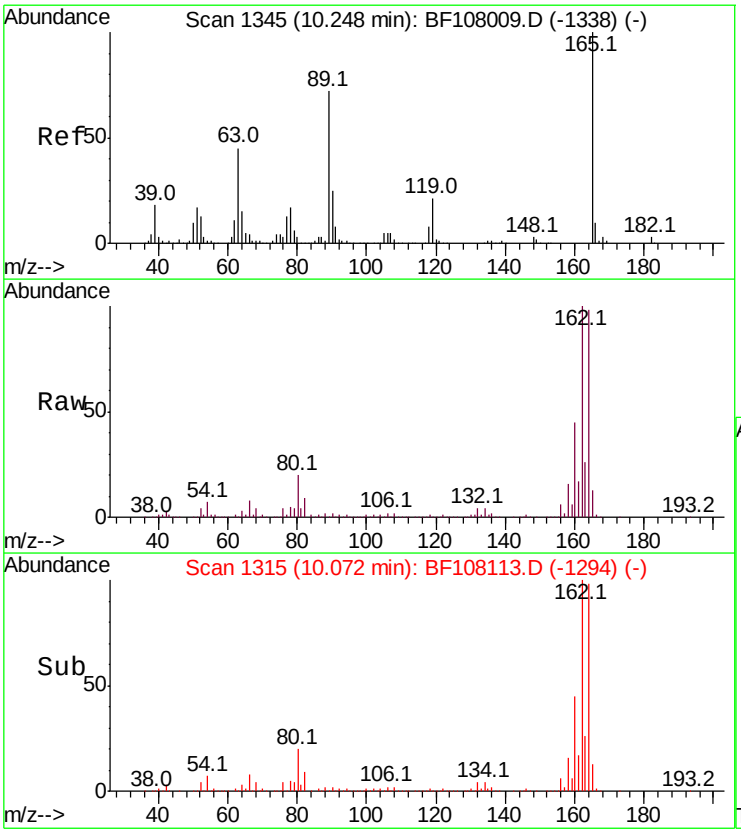
#50
2,6-Dinitrotoluene
Concen: 9.114 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.23 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 64722

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#

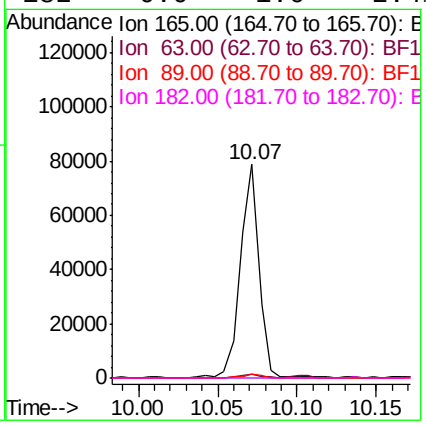


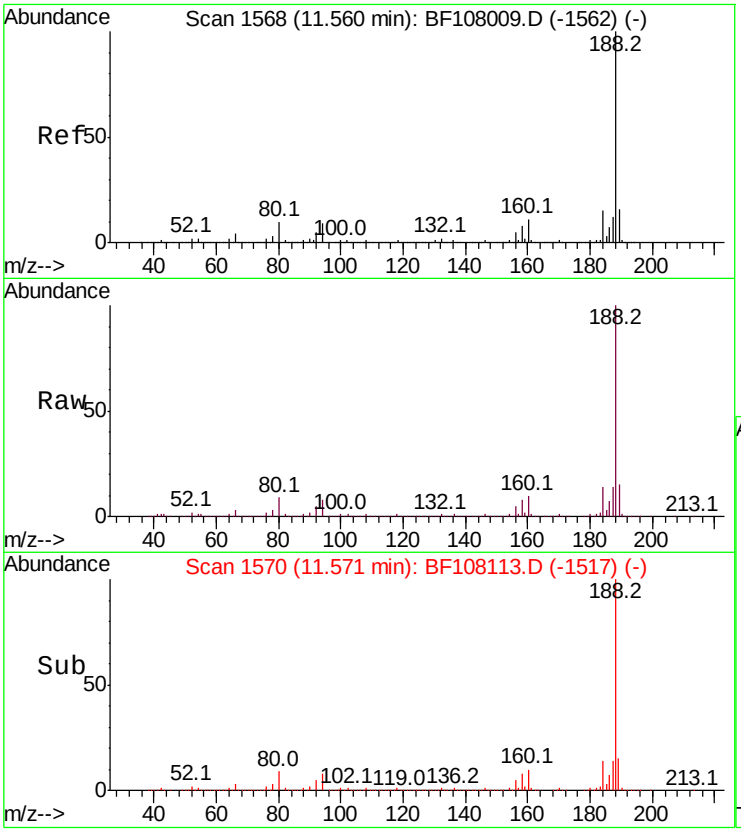


#56
2,4-Dinitrotoluene
Concen: 7.080 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:165 Resp: 64722

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



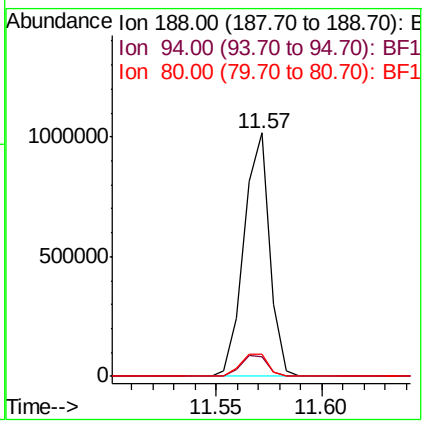


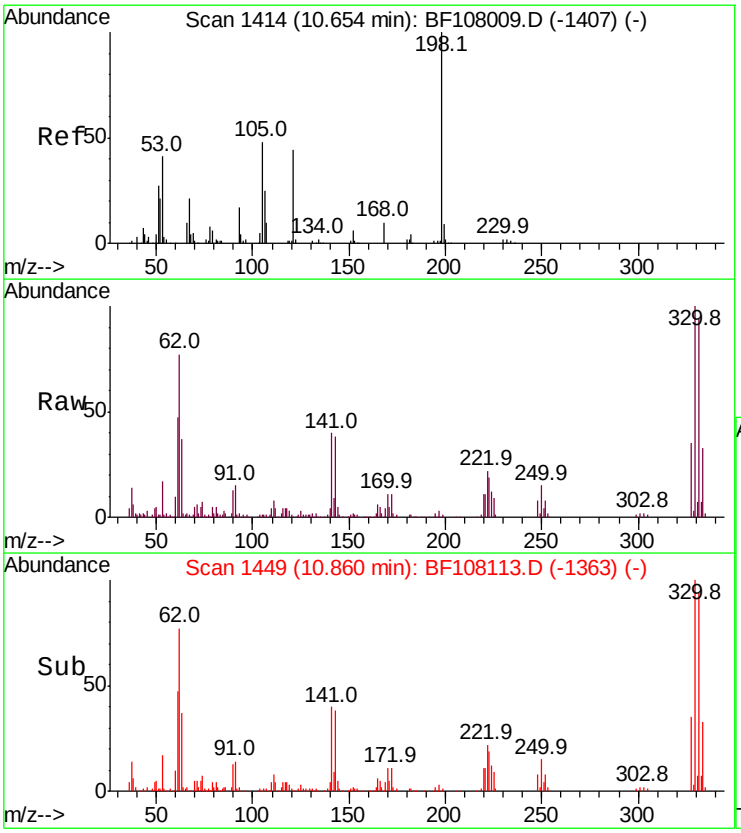
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 857961

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.9	9.2	13.8#

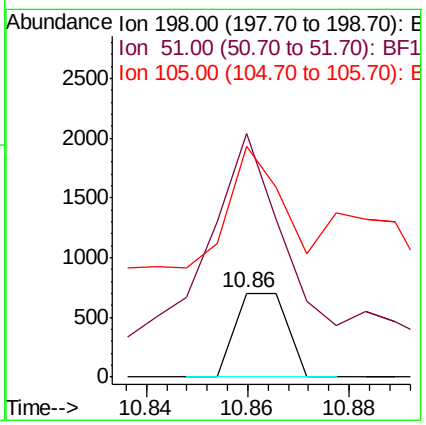


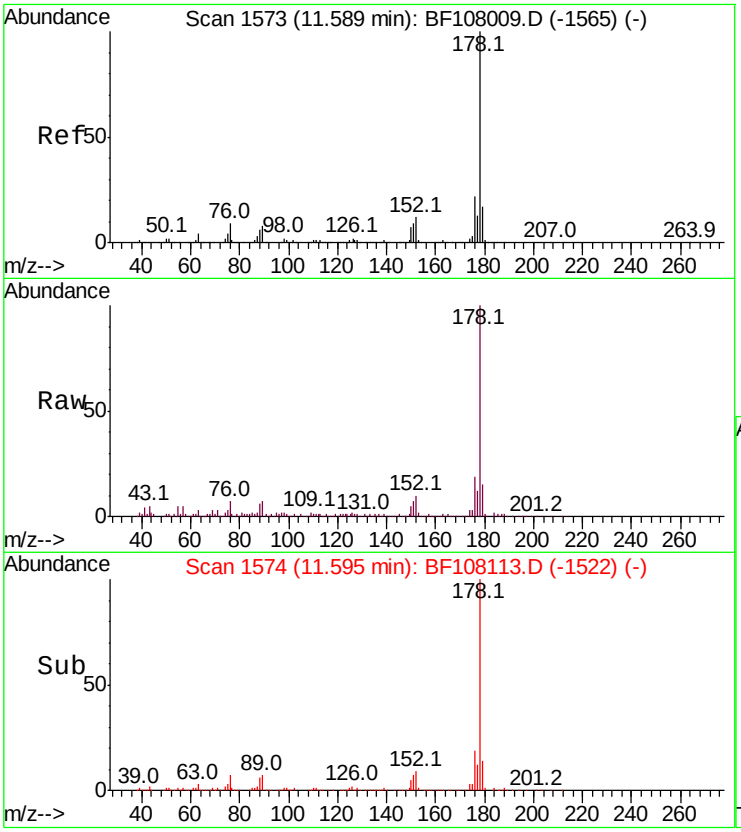


#64
4,6-Dinitro-2-methylphenol
Concen: 5.495 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.21 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:198 Resp: 494

Ion	Ratio	Lower	Upper
198	100		
51	290.0	37.7	77.7#
105	274.4	36.3	76.3#



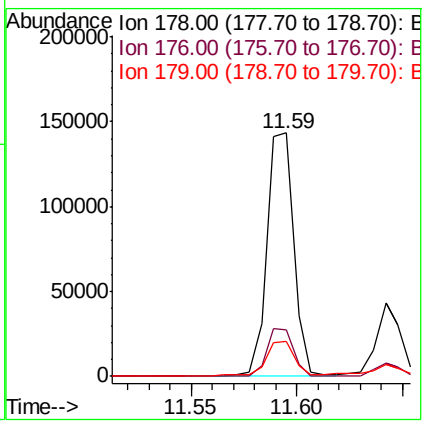


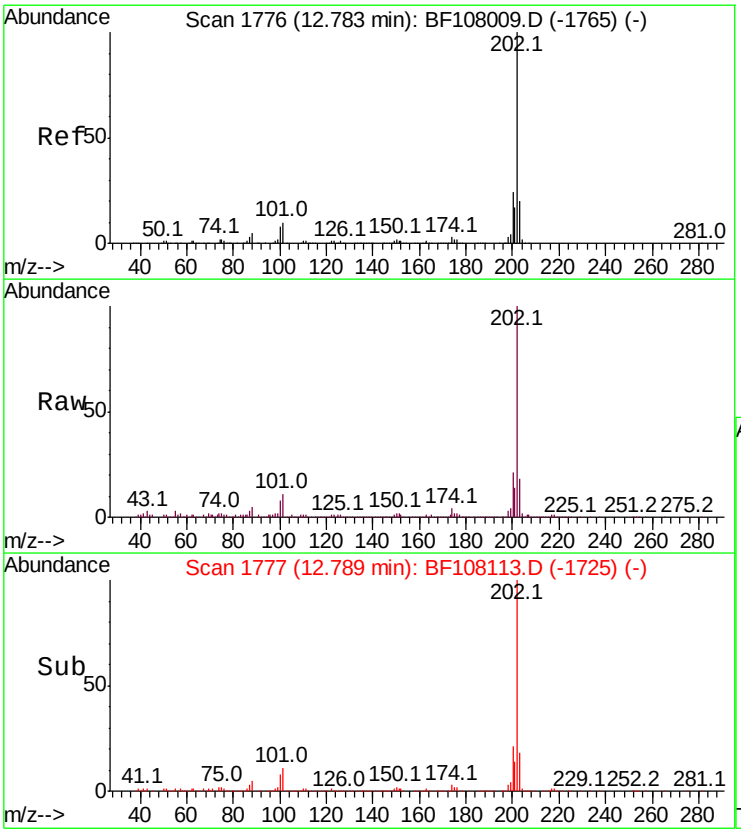
#70
Phenanthrene
Concen: 3.151 ng
RT: 11.59 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 127523

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.6	13.0	19.6

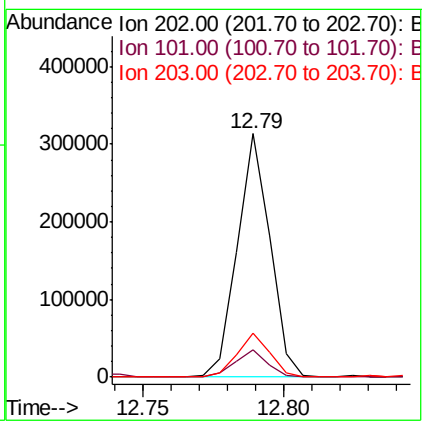


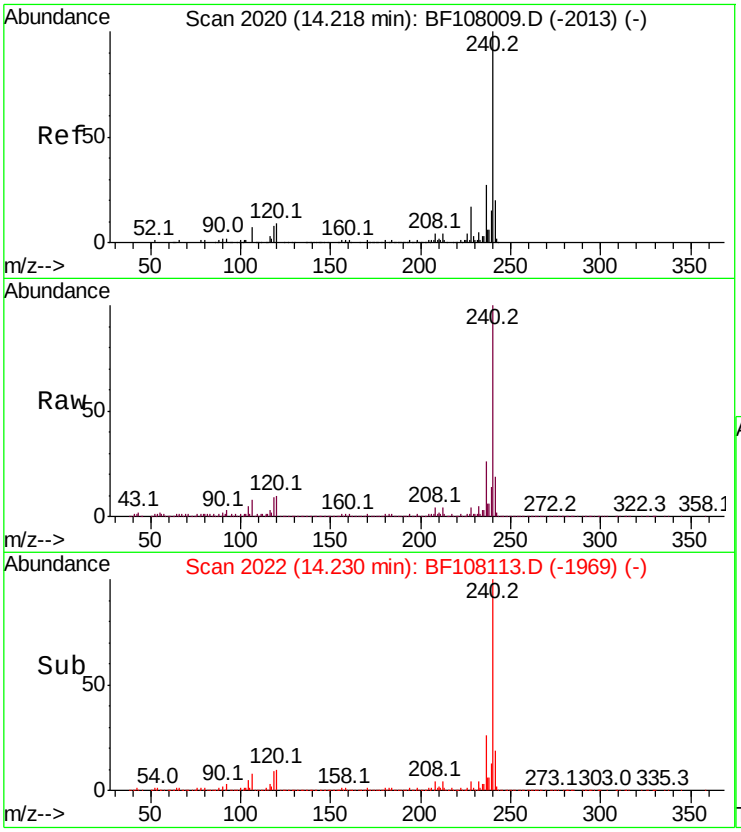


#74
Fluoranthene
Concen: 5.682 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:202 Resp: 250923

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	18.1	0.0	38.1



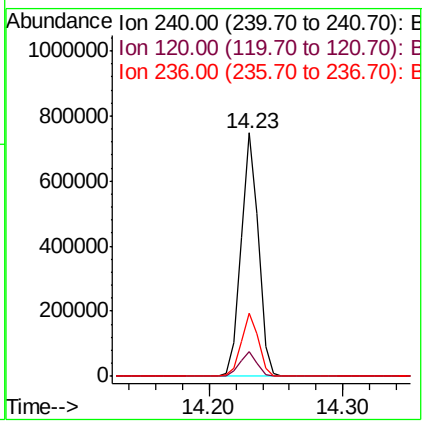


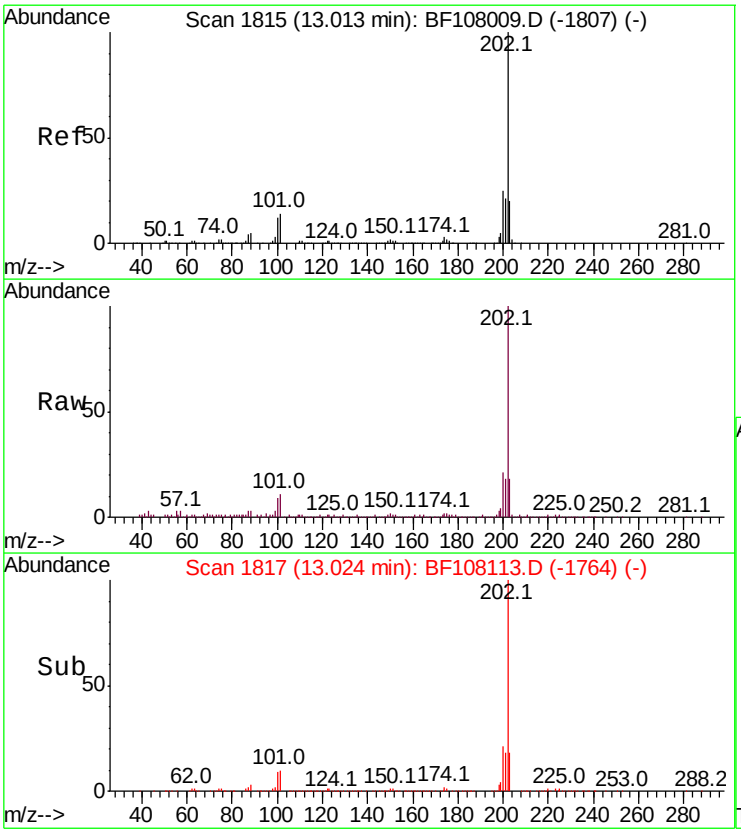
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.23 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 667215

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.0	20.7	31.1

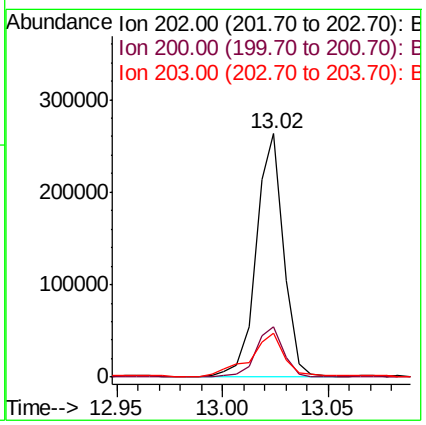


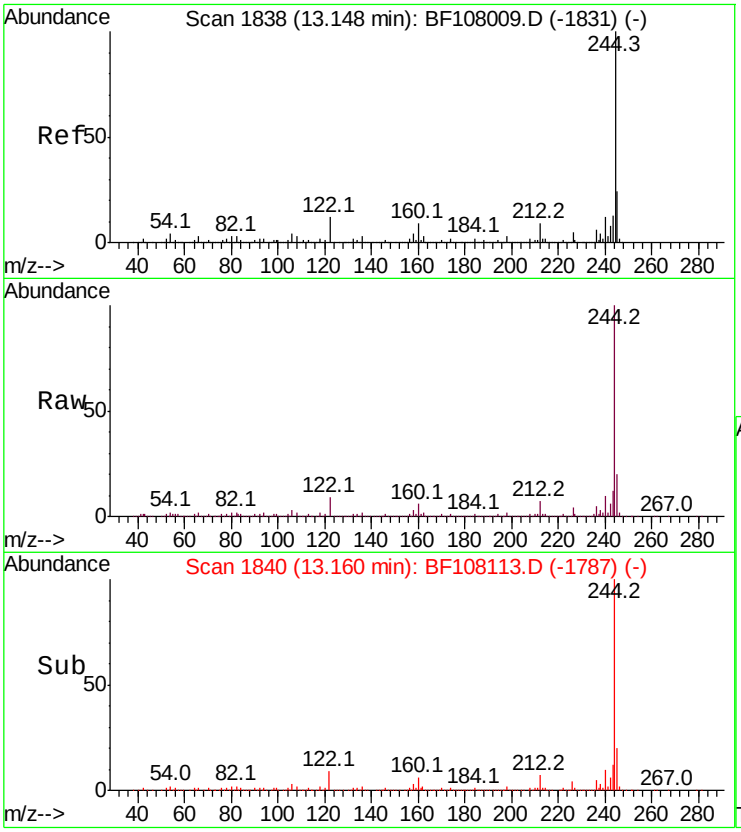


#77
Pyrene
Concen: 5.600 ng
RT: 13.02 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:202 Resp: 236536

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.9	14.3	21.5



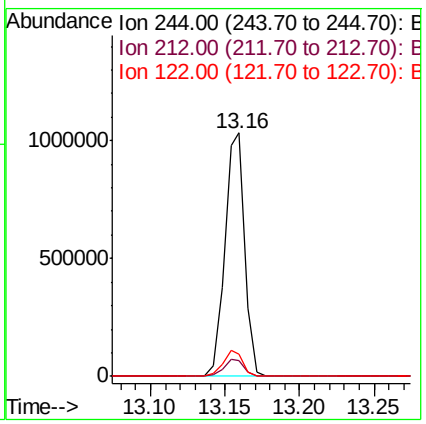


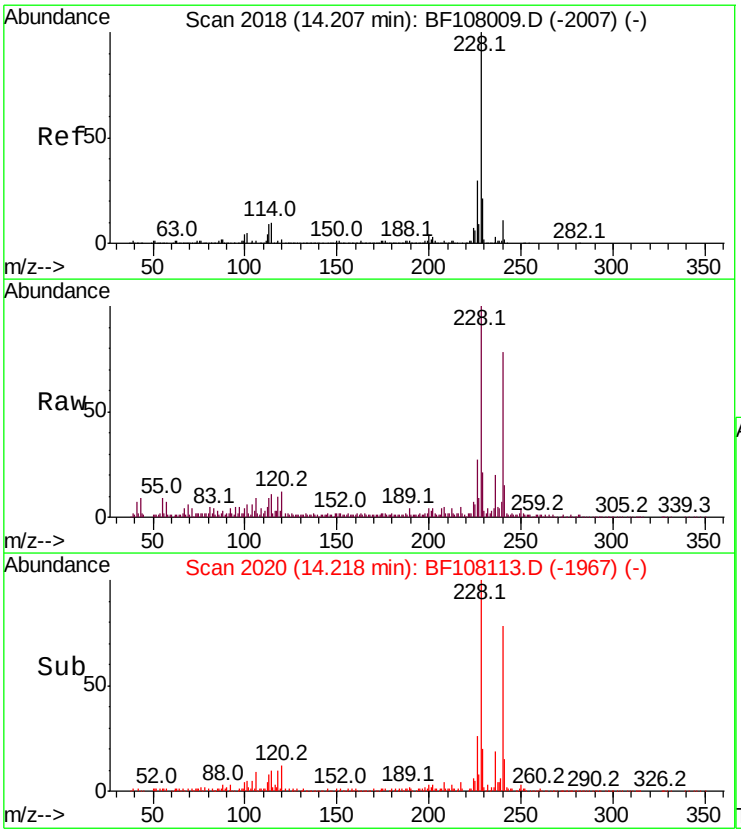
#78
Terphenyl-d14
Concen: 37.042 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 972041

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.0	11.0	16.4#

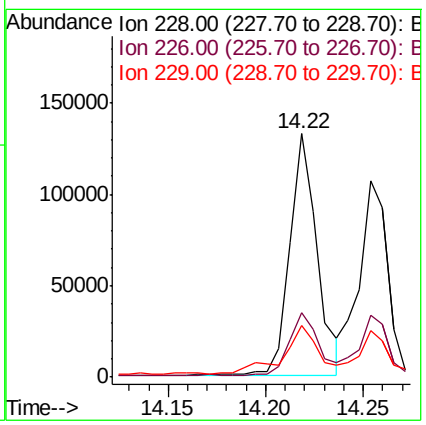


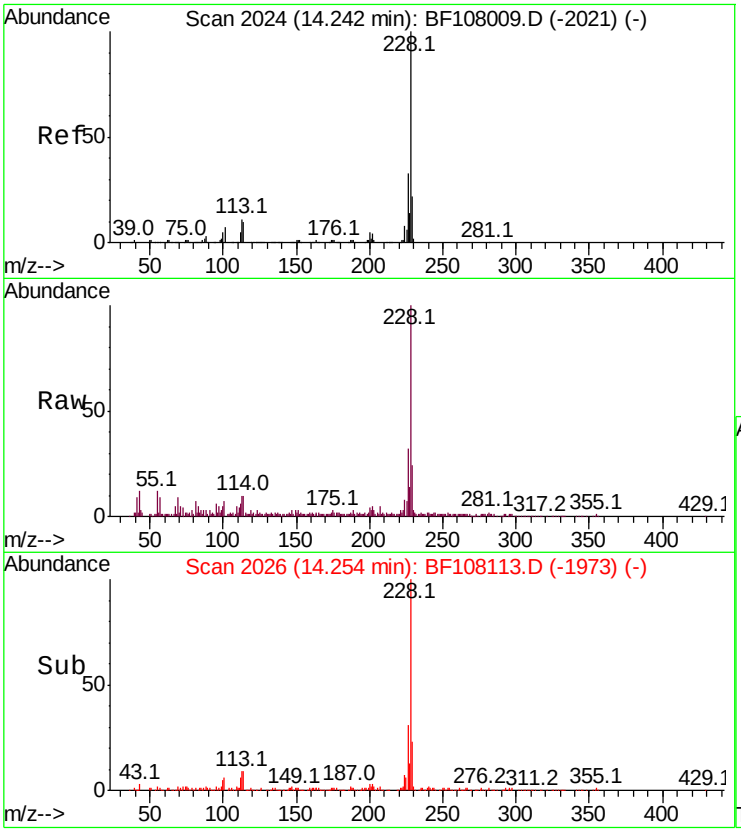


#80
Benzo(a)anthracene
Concen: 3.387 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:228 Resp: 129710

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	21.0	15.8	23.6



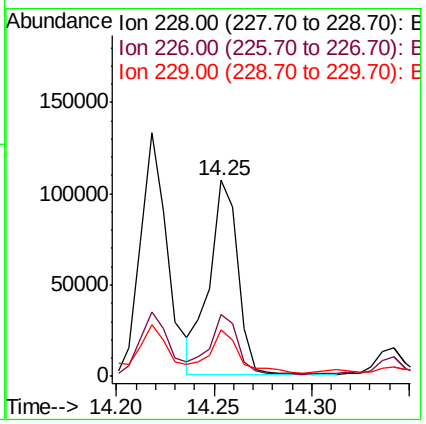


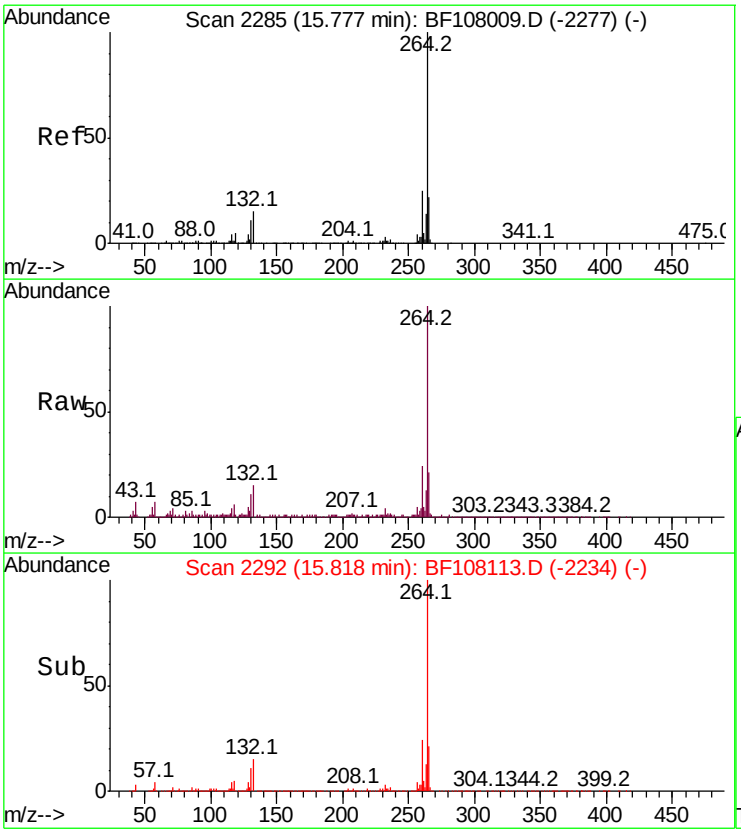
#82
Chrysene
Concen: 3.099 ng
RT: 14.25 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 108793

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	23.6	16.2	24.4

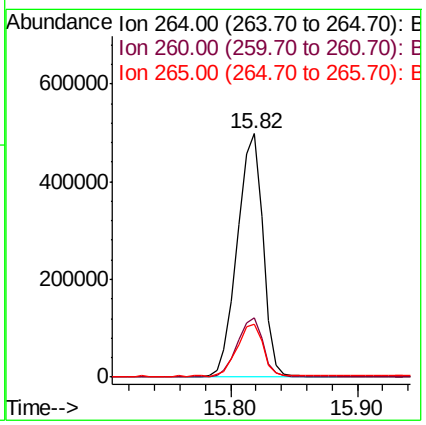


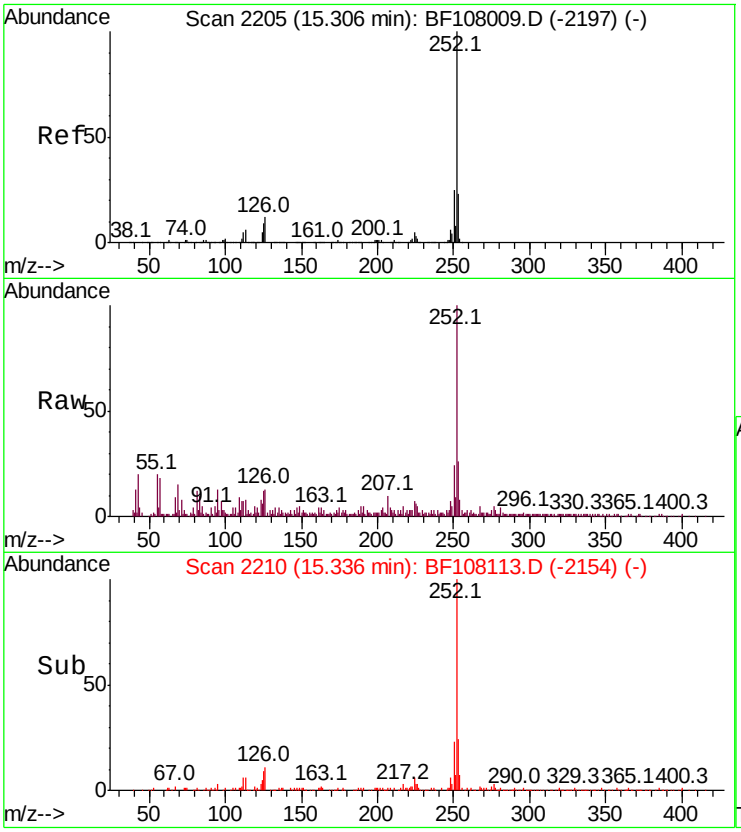


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.82 min Scan# 2292
Delta R.T. 0.04 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:264 Resp: 693969

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3



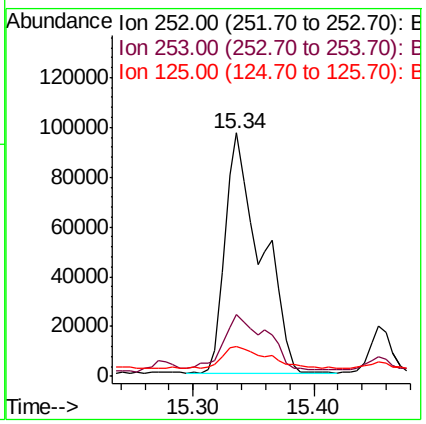


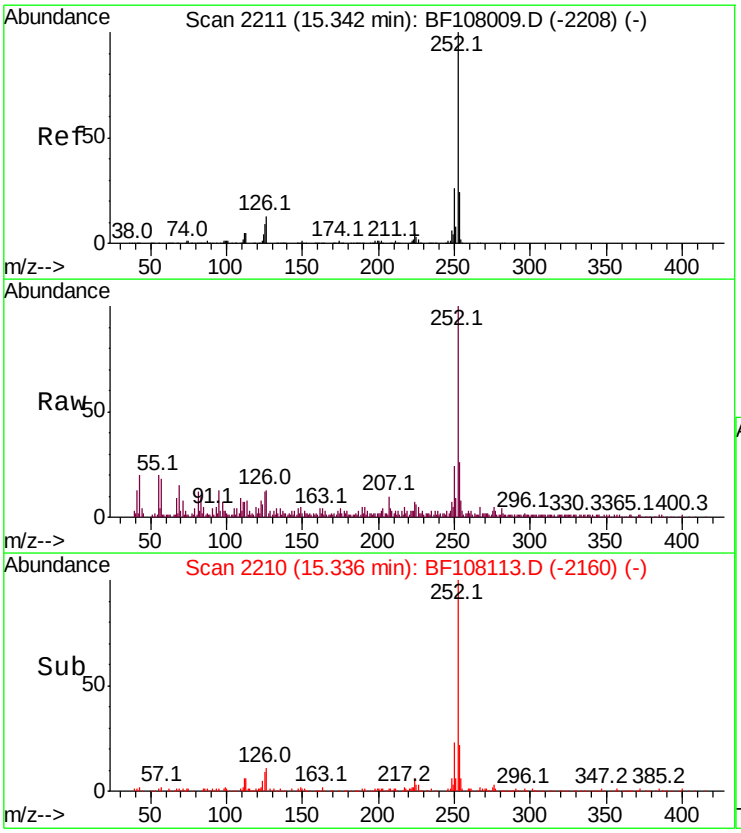
#87
Benzo(b)fluoranthene
Concen: 4.798 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.03 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 198959

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	12.3	9.0	13.6

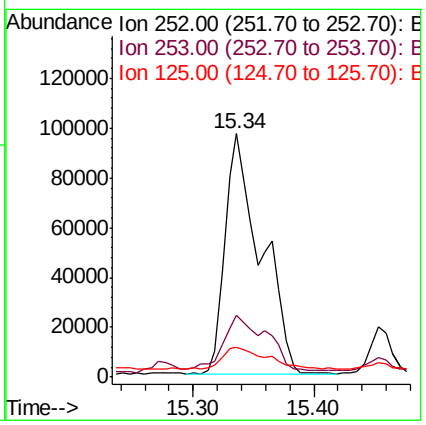


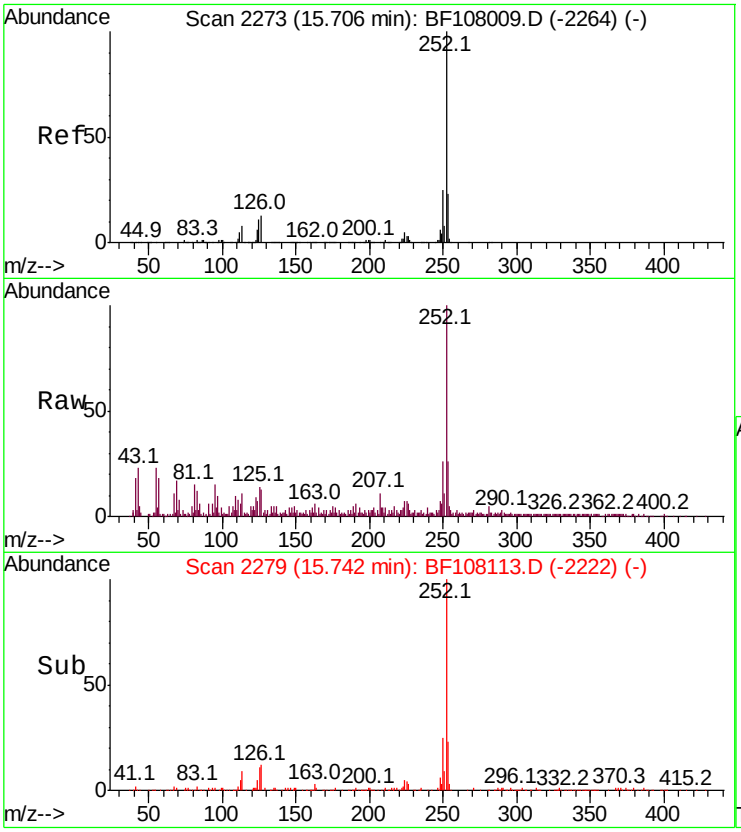


#88
Benzo(k)fluoranthene
Concen: 5.219 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion:252 Resp: 198959

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	12.3	10.2	15.2





#89
Benzo(a)pyrene
Concen: 3.075 ng
RT: 15.74 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114179

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	14.4	9.8	14.6