Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108221.D
Acq On : 17 Aug 2018 3:15
Operator : JU/SJ
Sample : J4501-07 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081318-SSW-45-022

Quant Time: Aug 17 04:10:02 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	7.01	152	161529	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	585336	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	260672	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	466728	20.00	ng		0.00
75) Chrysene-d12	14.22	240	383004	20.00	ng		0.00
86) Perylene-d12	15.79	264	288696	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	444580	49.83	ng		0.00
7) Phenol-d6	6.63	99	602459	50.81	ng		0.00
23) Nitrobenzene-d5	7.57	82	387002	36.89	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	118891	45.72	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	692706	42.66	ng		0.00
78) Terphenyl-d14	13.15	244	619316	41.11	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	52934	6.602	ng	#	85
25) Isophorone	7.57	82	385304	19.271	ng	#	64
32) Benzoic acid	8.07	122	544	6.067	ng	#	29
49) Dimethylphthalate	9.76	163	51005	2.809	ng	#	98
51) Acenaphthene	10.09	154	55695	3.786	ng		99
54) Dibenzofuran	10.27	168	48343	2.269	ng		98
56) 2,4-Dinitrotoluene	10.06	165	33796	6.911	ng	#	24
57) Fluorene	10.61	166	52756	3.127	ng		98
64) 4,6-Dinitro-2-methylphenol	10.80	198	110	5.414	ng	#	1
70) Phenanthrene	11.58	178	683275	31.038	ng		100
71) Anthracene	11.63	178	188099	8.337	ng		99
72) Carbazole	11.78	167	67300	3.357	ng	#	93
73) Di-n-butylphthalate	12.10	149	57578	2.536	ng	#	93
74) Fluoranthene	12.79	202	972350	40.472	ng		95
77) Pyrene	13.02	202	850906	35.092	ng		99
80) Benzo(a)anthracene	14.21	228	479893	21.833	ng		96
82) Chrysene	14.25	228	426891	21.184	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	135380	7.754	ng	#	87
87) Benzo(b)fluoranthene	15.32	252	585059	33.915	ng	#	91
88) Benzo(k)fluoranthene	15.32	252	585059	36.894	ng	#	93
89) Benzo(a)pyrene	15.72	252	266308	17.239	ng	#	91
90) Dibenzo(a,h)anthracene	17.42	278	37413	2.927	ng	#	75
91) Benzo(g,h,i)perylene	17.91	276	119942	9.530	ng	#	92

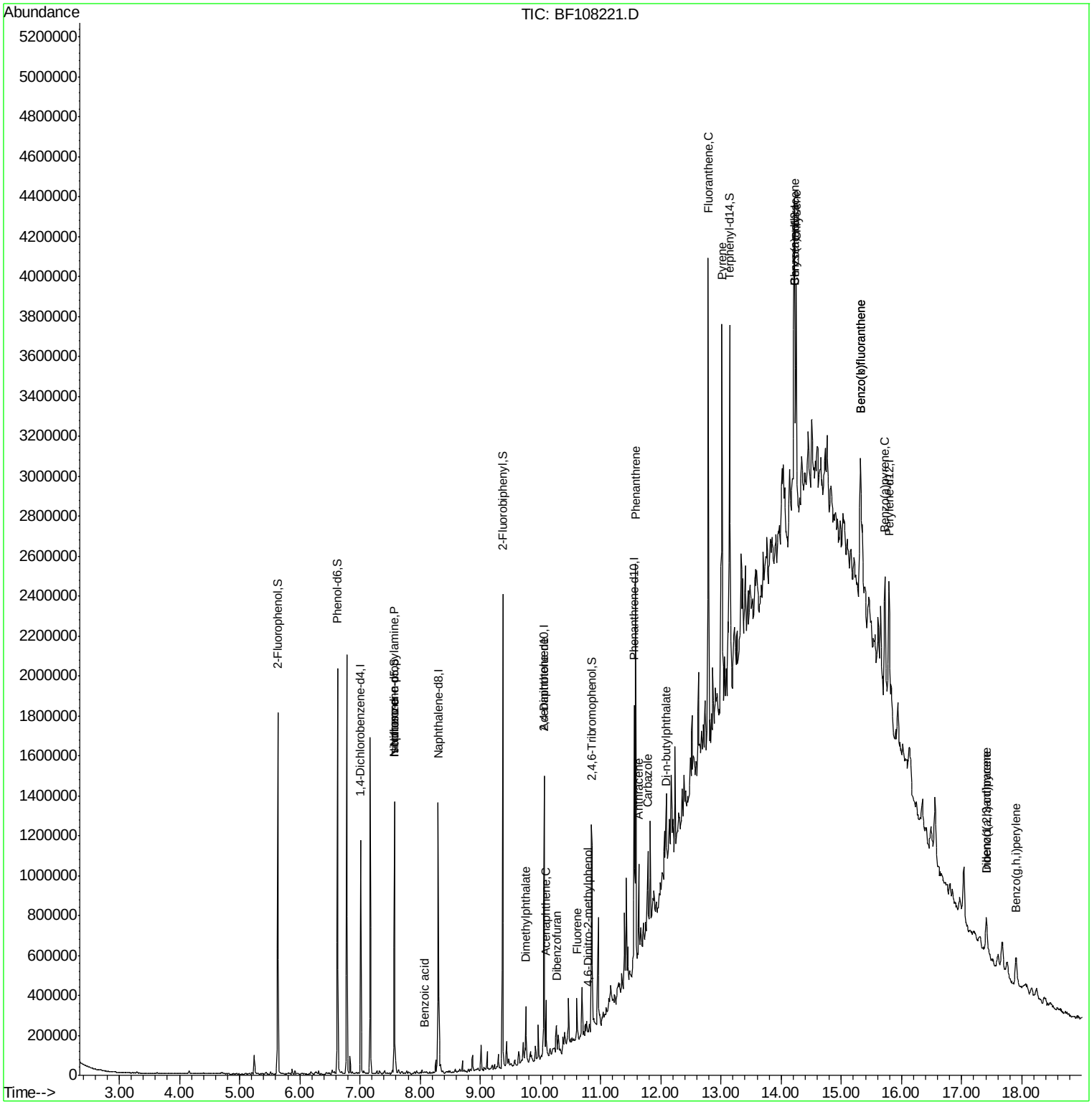
(#) = qualifier out of range (m) = manual integration (+) = signals summed

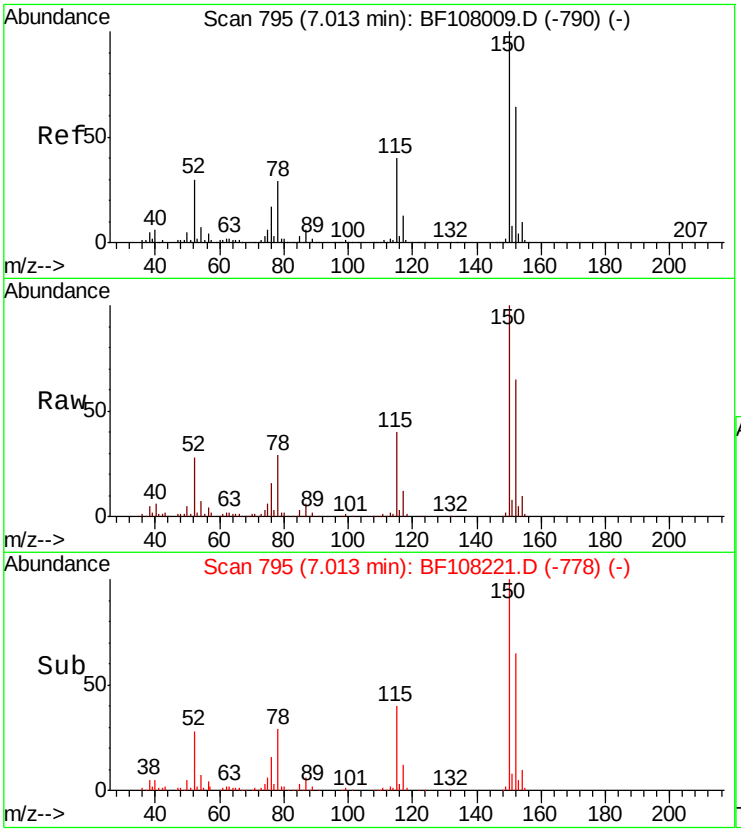
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108221.D
Acq On : 17 Aug 2018 3:15
Operator : JU/SJ
Sample : J4501-07 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081318-SSW-45-022

Quant Time: Aug 17 04:10:02 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



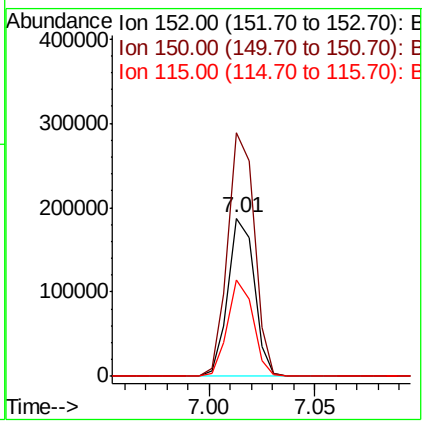


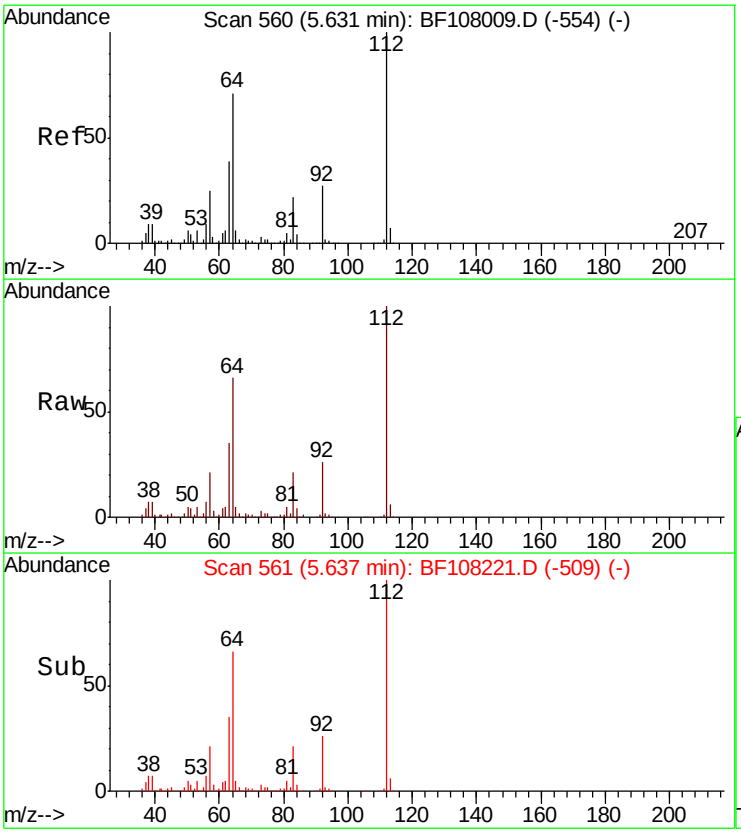
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:152 Resp: 161529

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	61.0	50.1	75.1

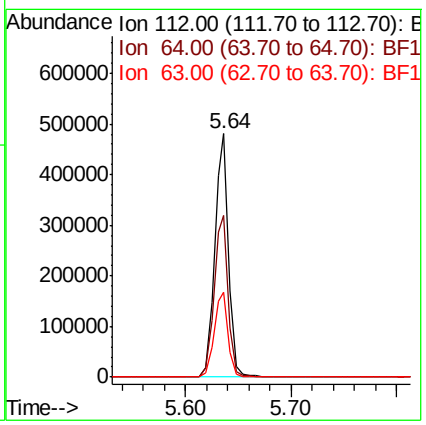


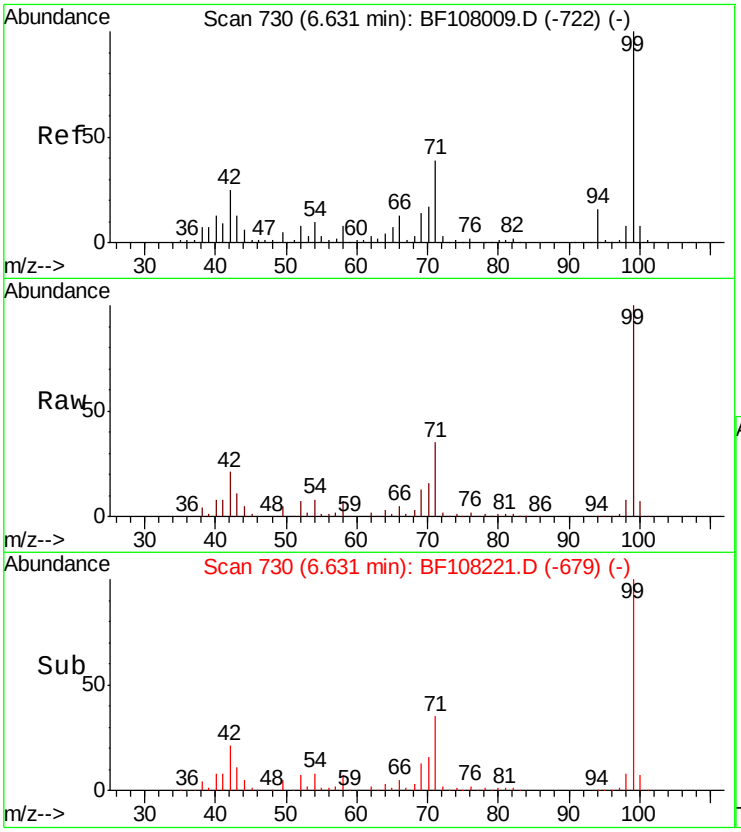


#5
2-Fluorophenol
Concen: 49.830 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:112 Resp: 444580

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.9	23.7	35.5



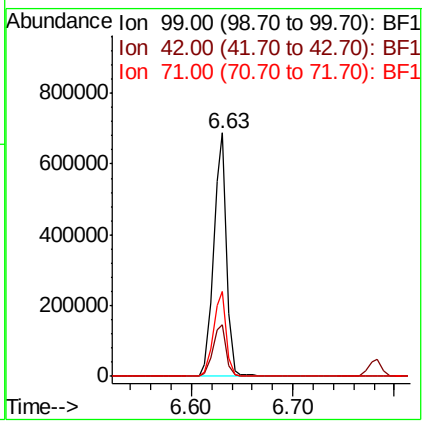


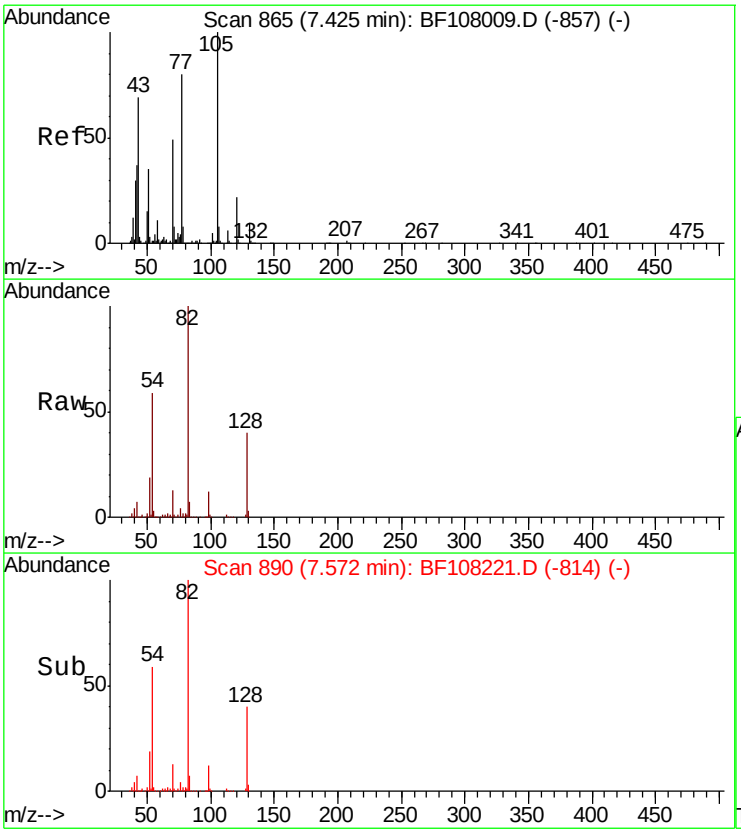
#7
Phenol-d6
Concen: 50.814 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion: 99 Resp: 602459

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.7	25.4	38.0

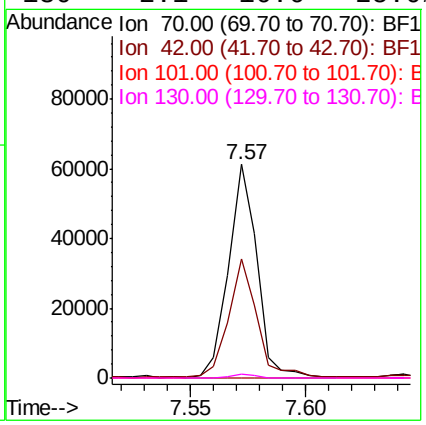


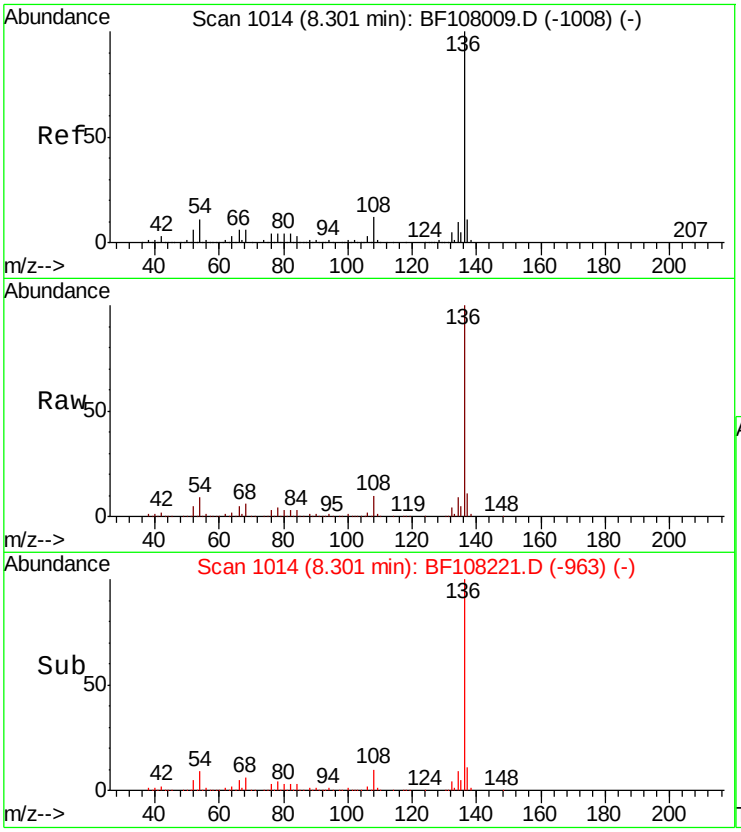


#19
n-Nitroso-di-n-propylamine
Concen: 6.602 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion: 70 Resp: 52934

Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



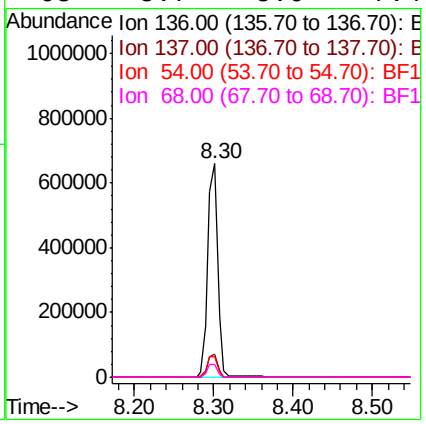


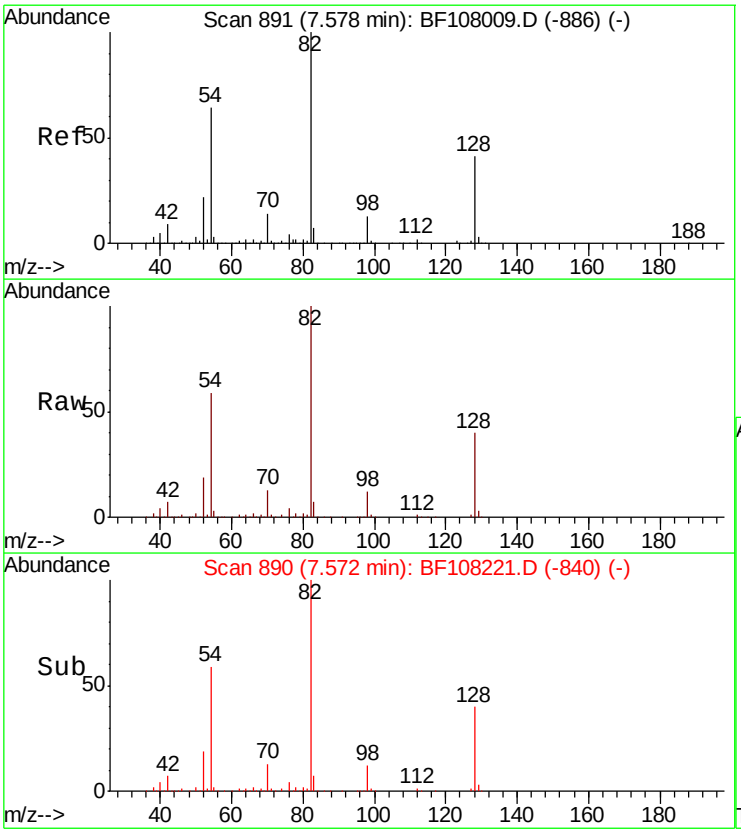
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:136 Resp: 585336

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4

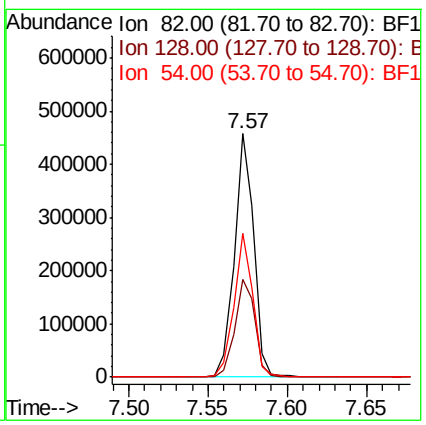


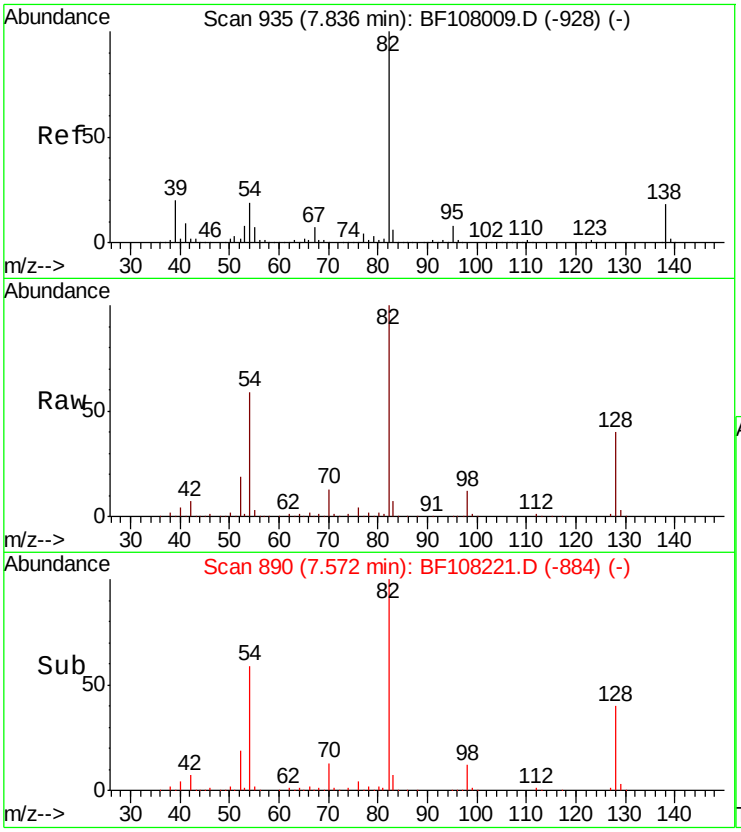


#23
Nitrobenzene-d5
Concen: 36.894 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion: 82 Resp: 387002

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	59.2	41.4	62.2



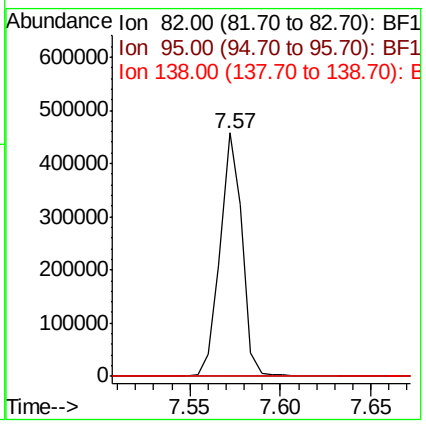


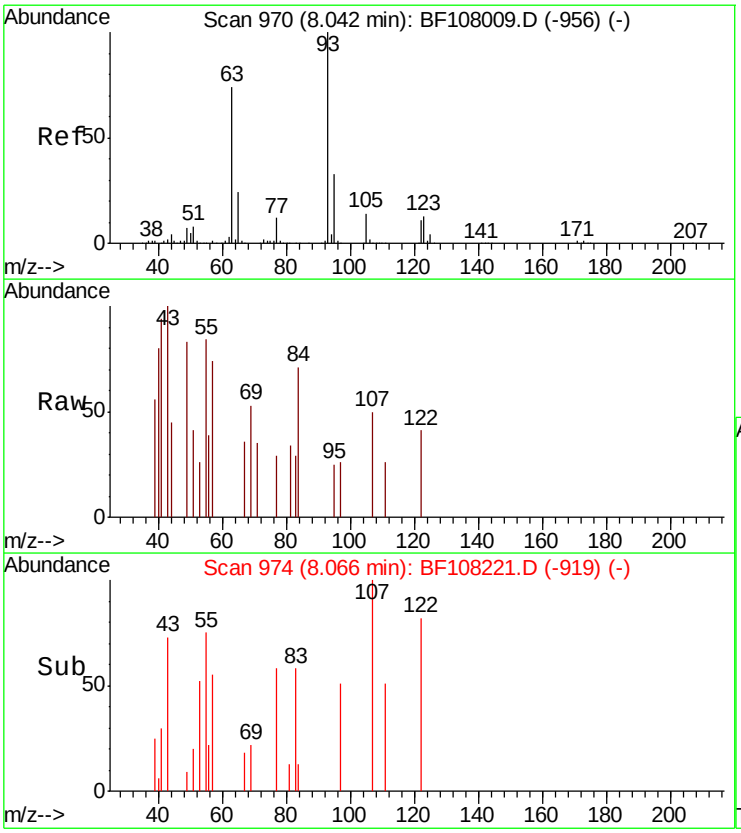
#25
Isophorone
Concen: 19.271 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion: 82 Resp: 385304

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

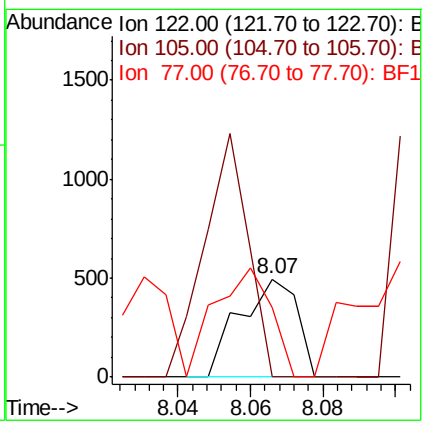


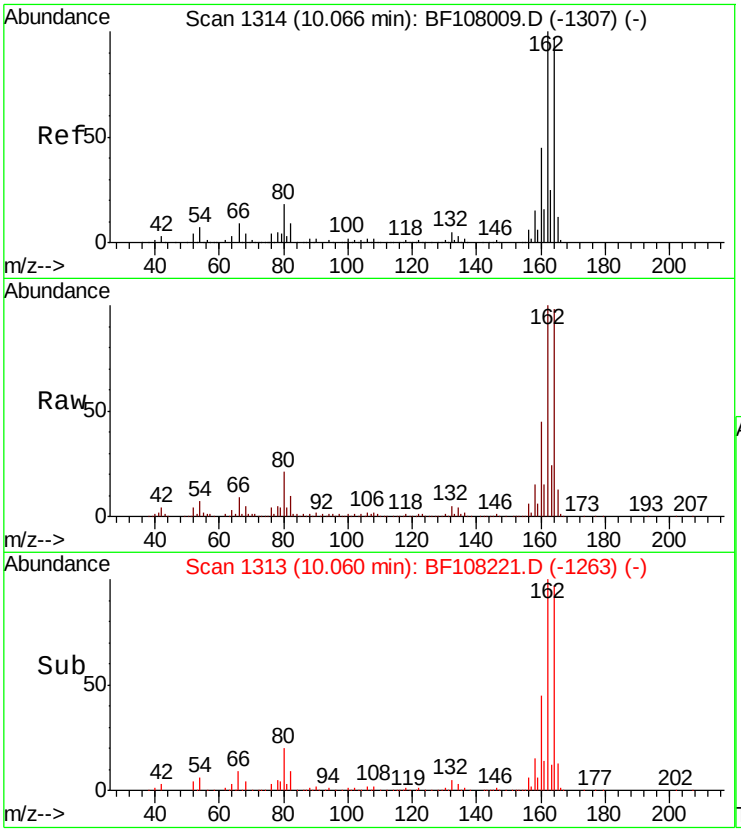


#32
Benzoic acid
Concen: 6.067 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:122 Resp: 544

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	70.6	70.7	110.7#



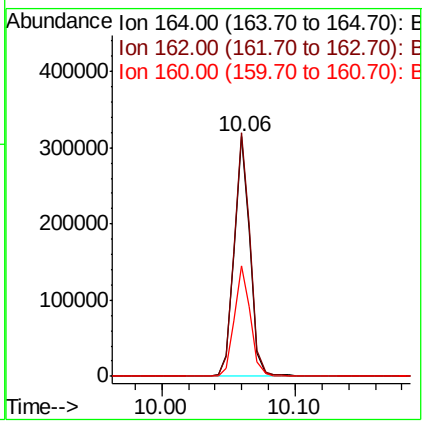


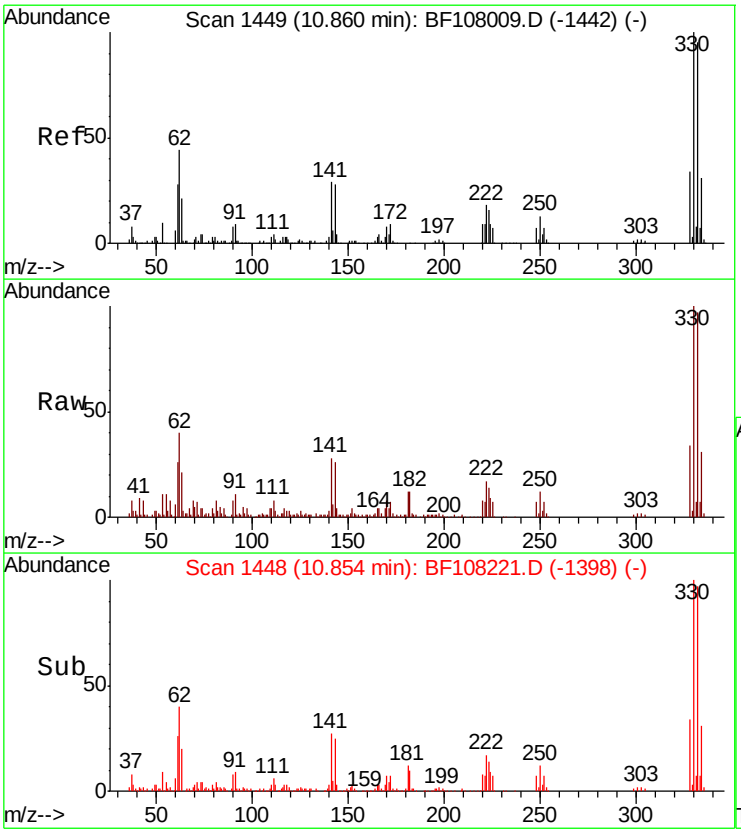
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:164 Resp: 260672

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.1	38.3	57.5

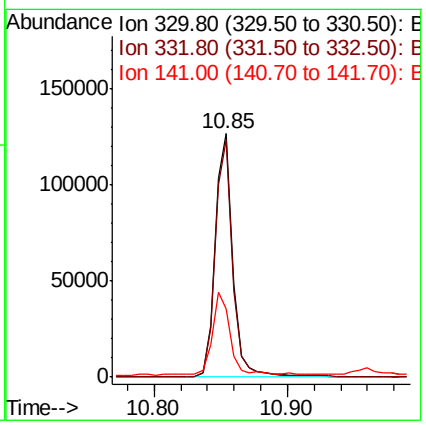


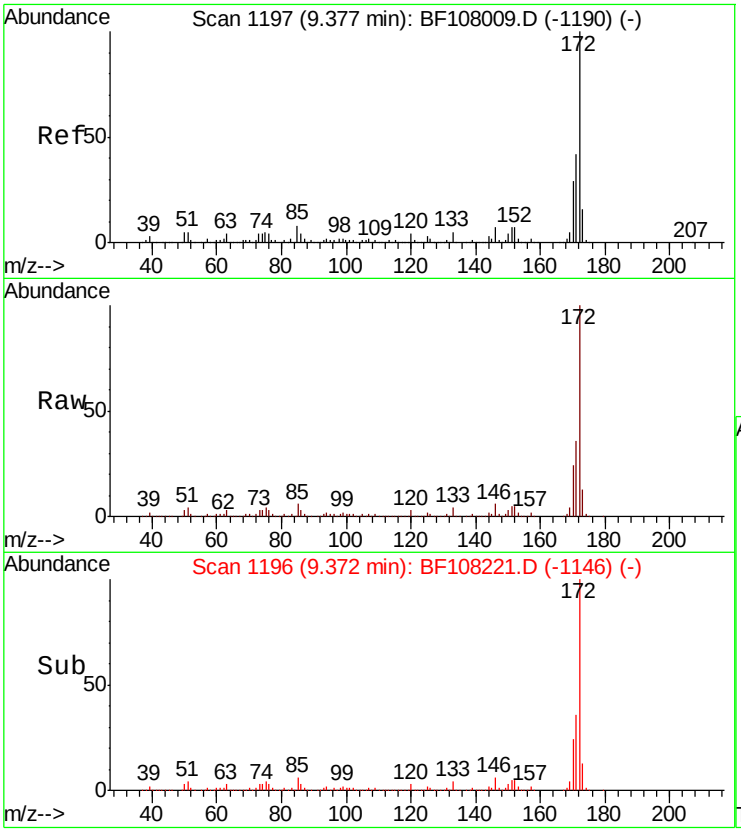


#41
2,4,6-Tribromophenol
Concen: 45.725 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:330 Resp: 118891

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.0	29.9	44.9



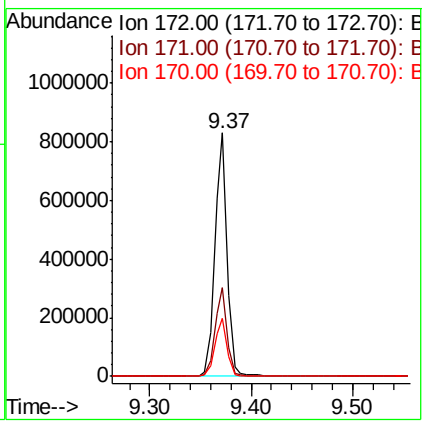


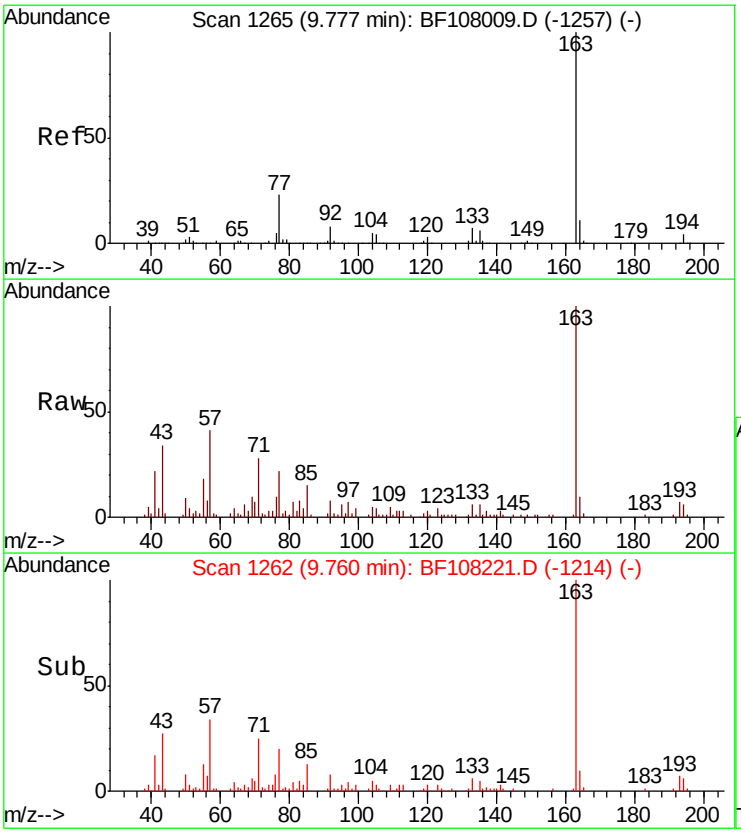
#44
2-Fluorobiphenyl
Concen: 42.664 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:172 Resp: 692706

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

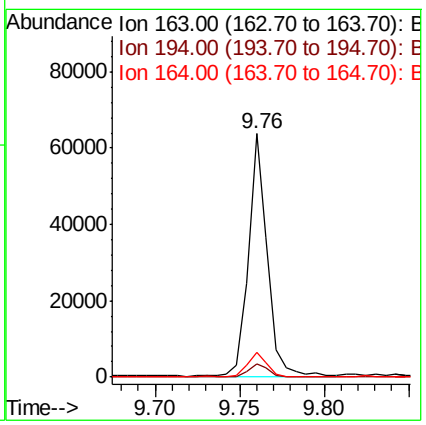


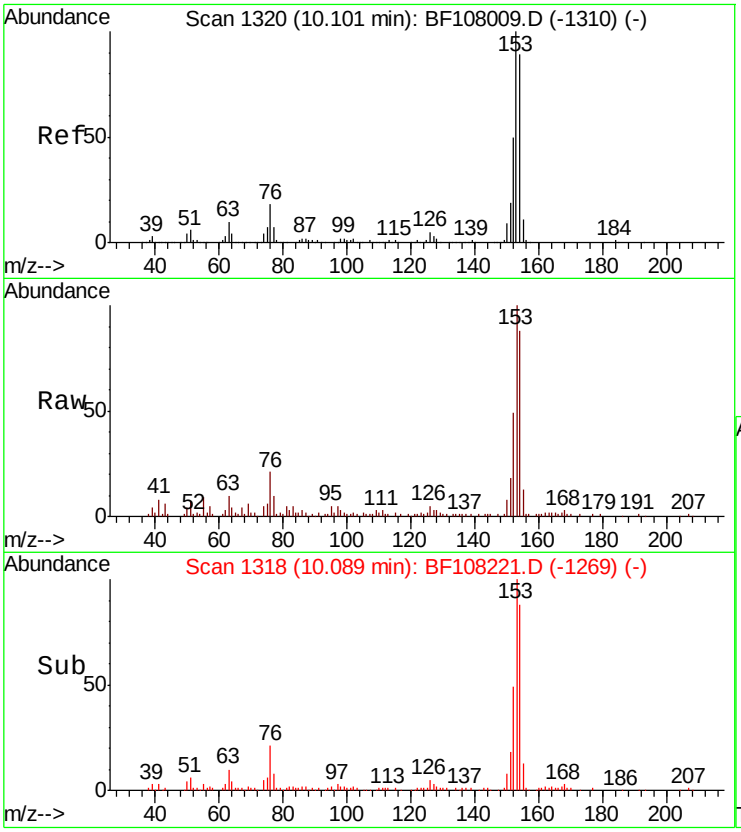


#49
Dimethylphthalate
Concen: 2.809 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:163 Resp: 51005

Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.7	4.1#
164	10.0	8.2	12.2



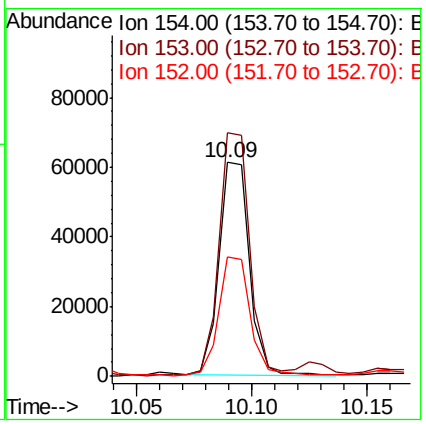


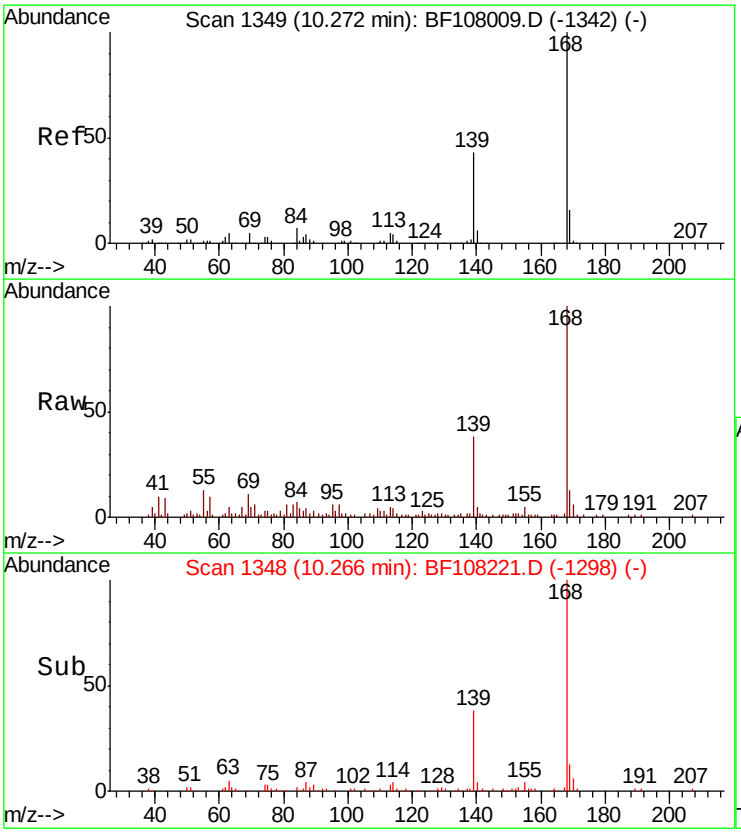
#51
Acenaphthene
Concen: 3.786 ng
RT: 10.09 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:154 Resp: 55695

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	55.7	43.8	65.8

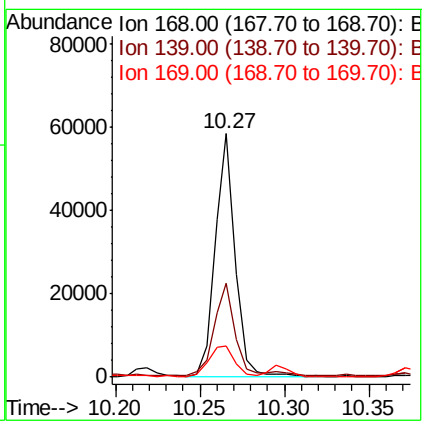


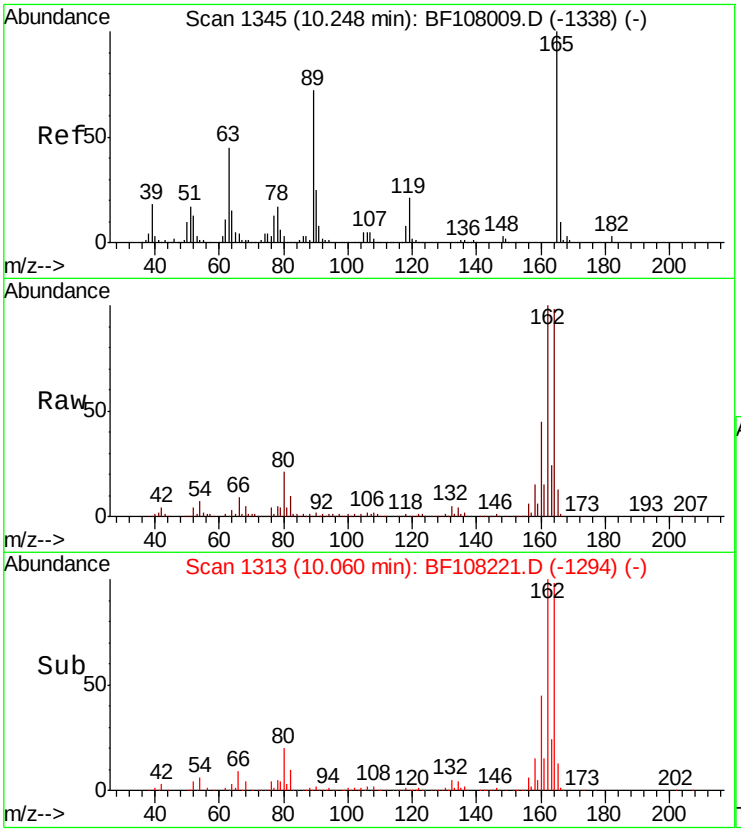


#54
Dibenzofuran
Concen: 2.269 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:168 Resp: 48343

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	12.8	10.9	16.3



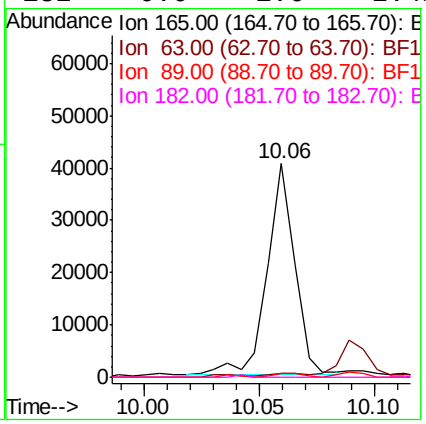


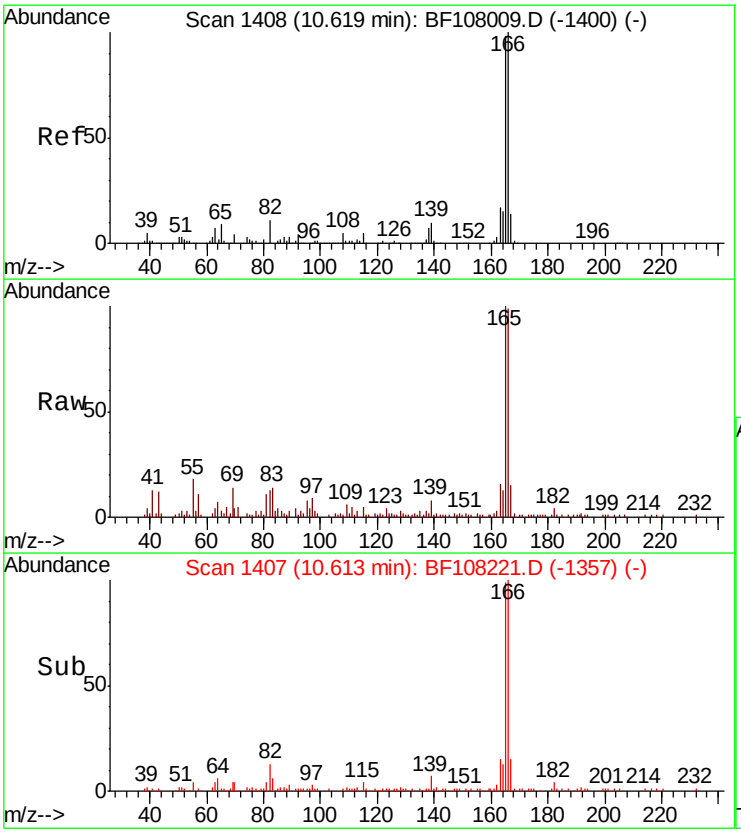
#56
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:165 Resp: 33796

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

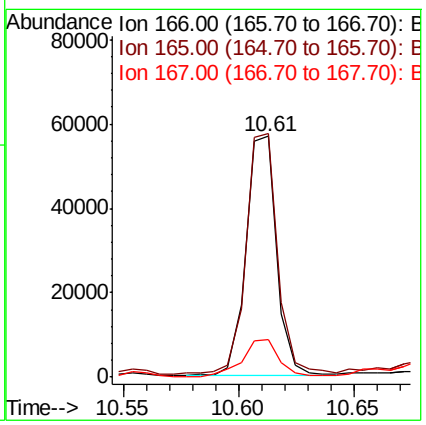


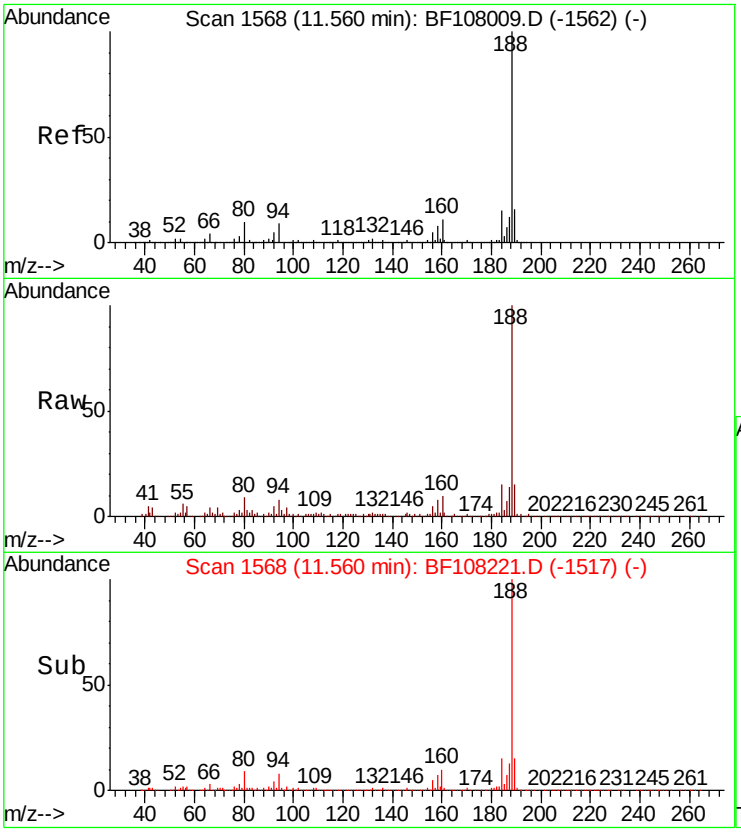


#57
Fluorene
Concen: 3.127 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:166 Resp: 52756

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	15.4	10.6	16.0



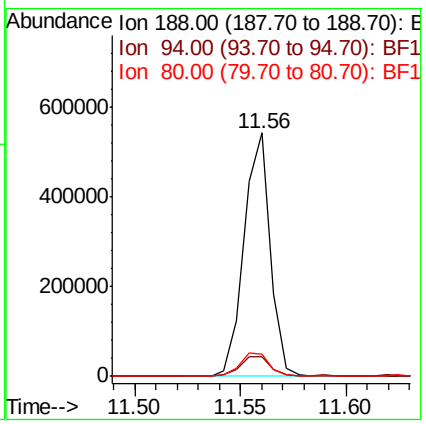


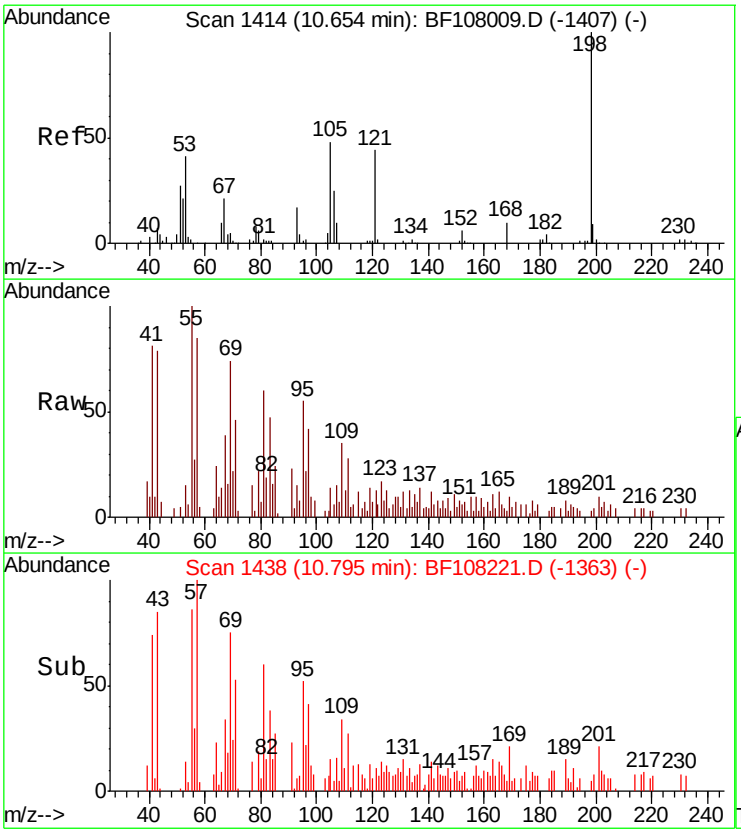
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:188 Resp: 466728

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.9	9.2	13.8#

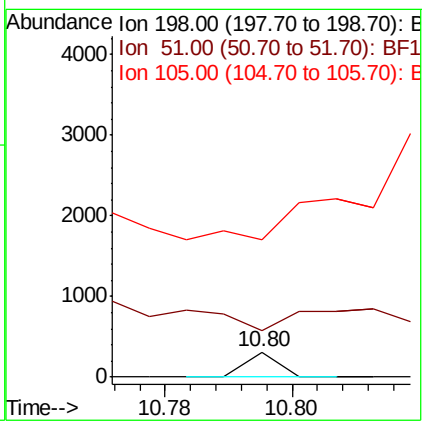


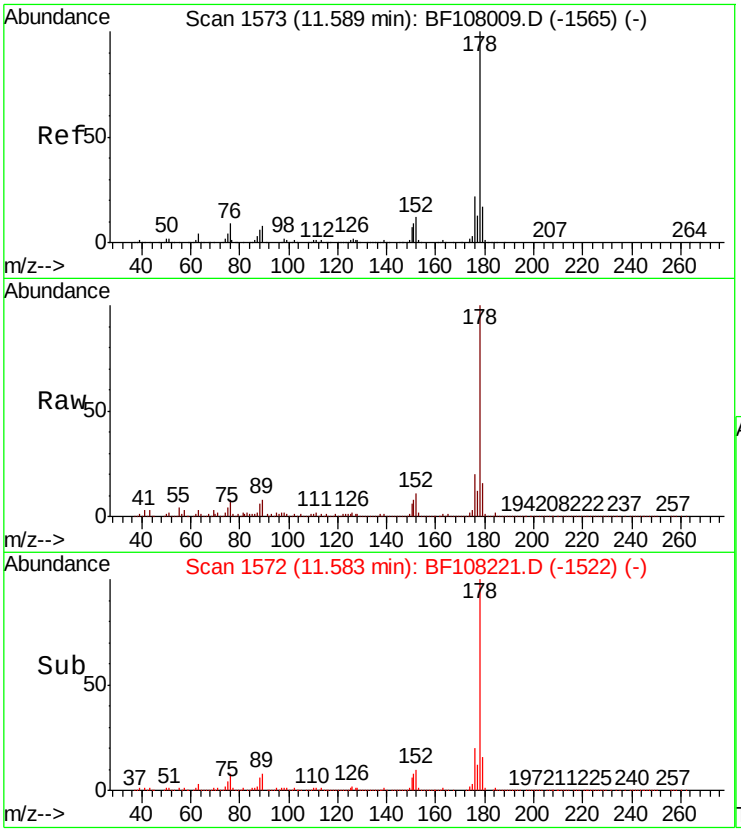


#64
4,6-Dinitro-2-methylphenol
Concen: 5.414 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.14 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:198 Resp: 110

Ion	Ratio	Lower	Upper
198	100		
51	185.5	37.7	77.7#
105	548.6	36.3	76.3#



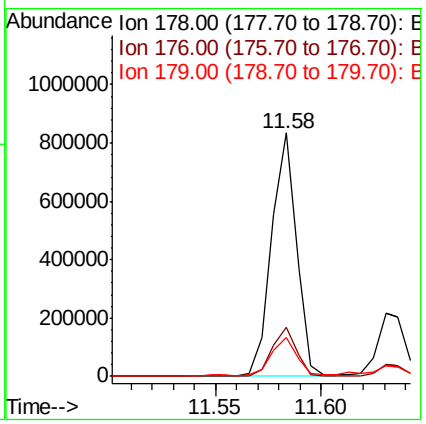


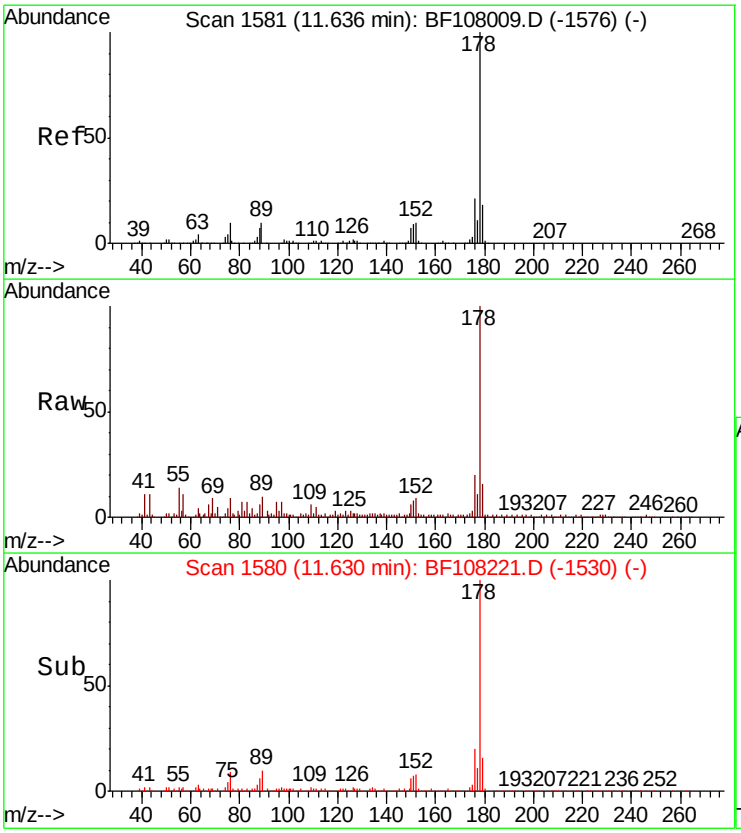
#70
Phenanthrene
Concen: 31.038 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:178 Resp: 683275

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.2	13.0	19.6

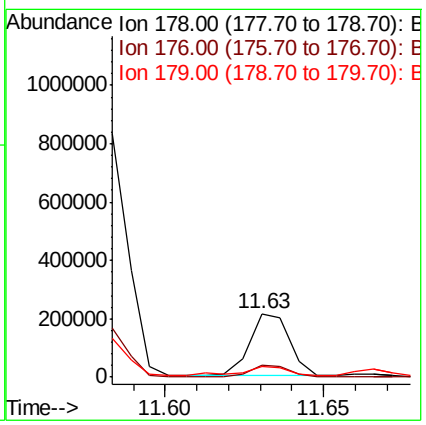


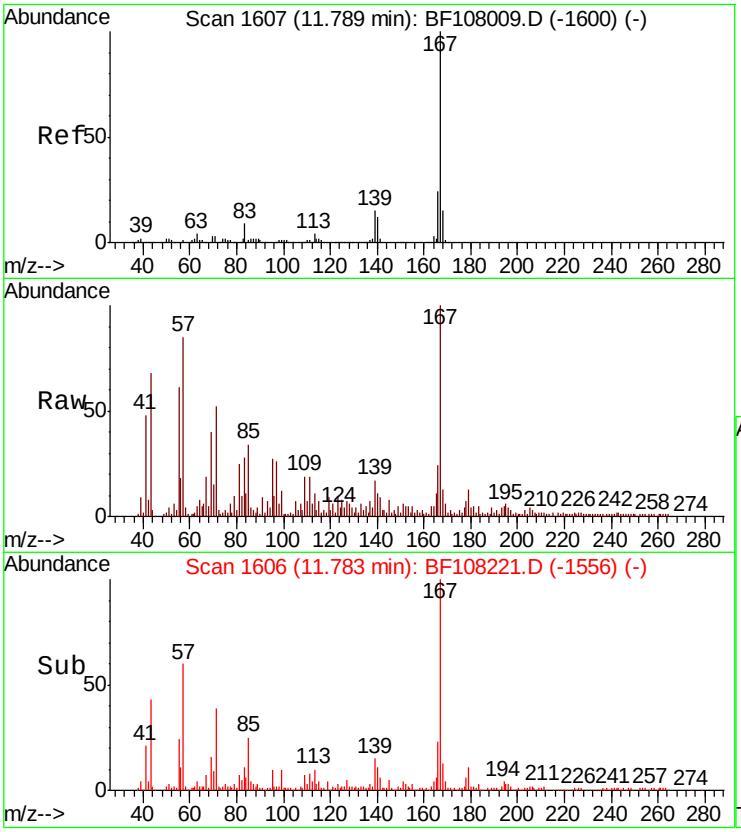


#71
Anthracene
Concen: 8.337 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:178 Resp: 188099

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.4	12.6	19.0



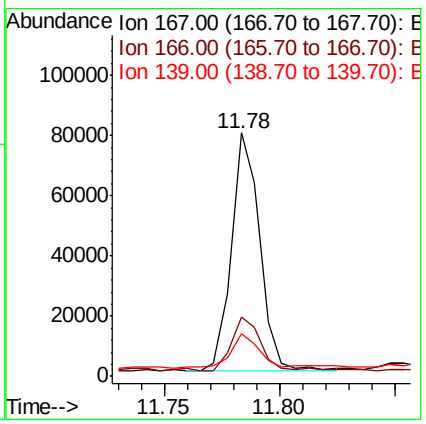


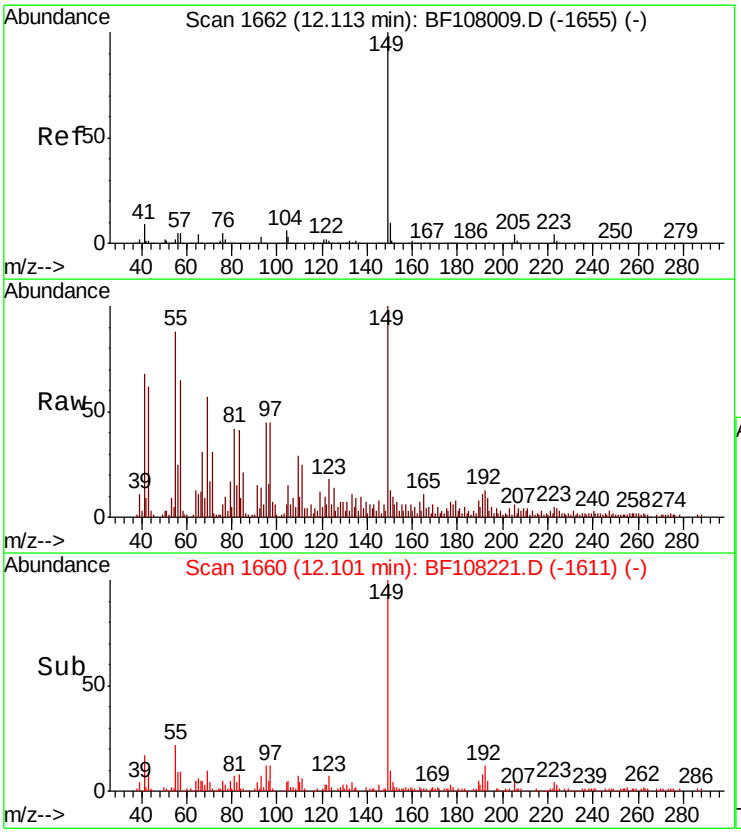
#72
Carbazole
Concen: 3.357 ng
RT: 11.78 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:167 Resp: 67300

Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.6	26.4
139	17.4	10.9	16.3#

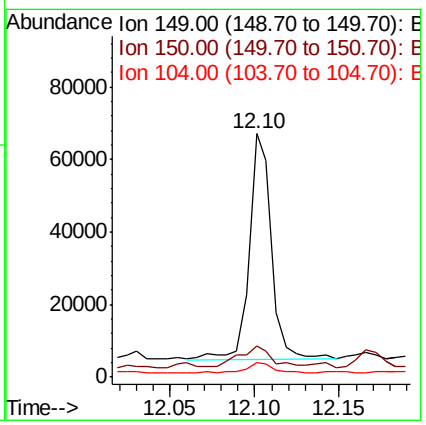


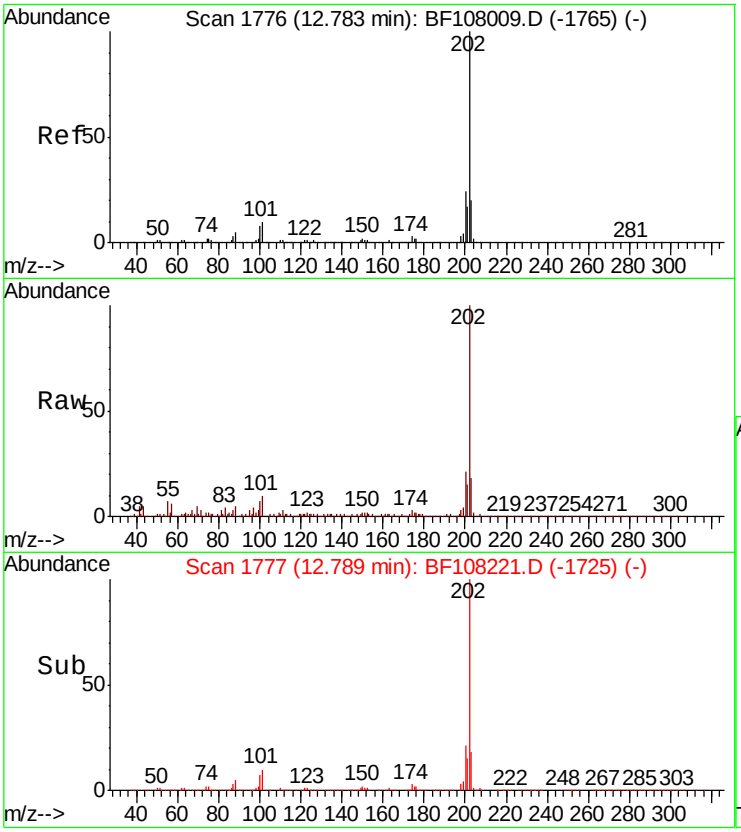


#73
Di-n-butylphthalate
Concen: 2.536 ng
RT: 12.10 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:149 Resp: 57578

Ion	Ratio	Lower	Upper
149	100		
150	12.6	7.8	11.6#
104	6.2	3.8	5.8#



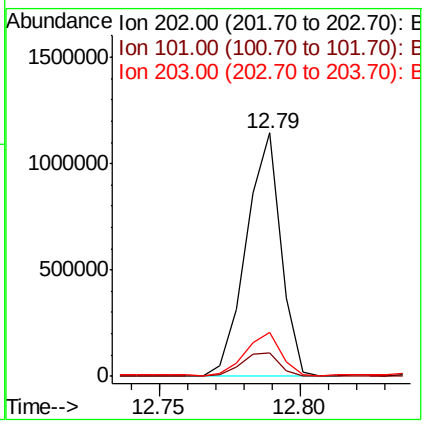


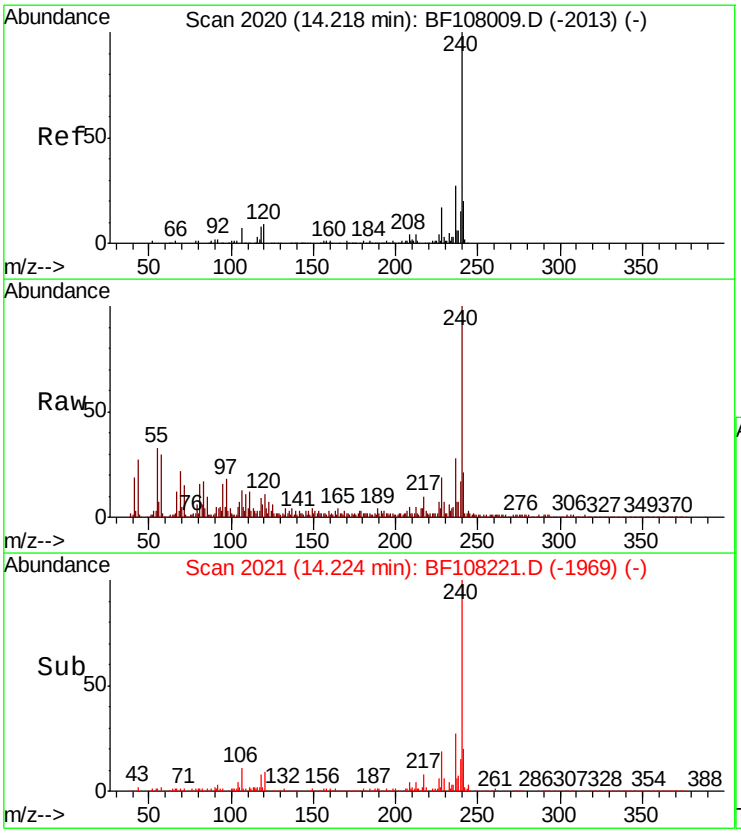
#74
Fluoranthene
Concen: 40.472 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:202 Resp: 972350

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	18.1	0.0	38.1

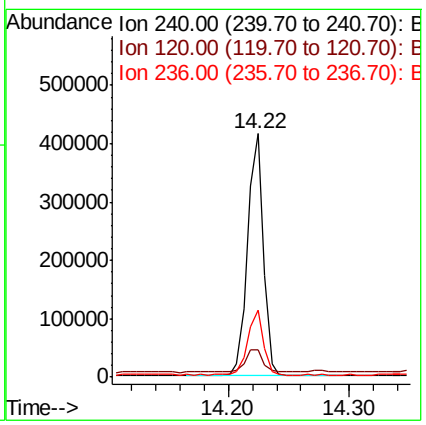


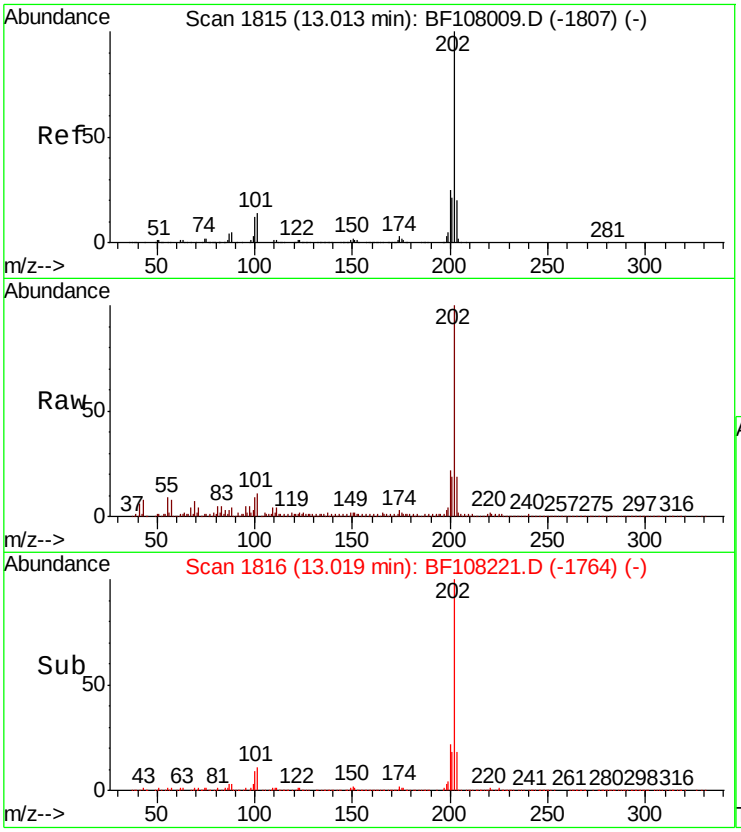


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:240 Resp: 383004

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	27.5	20.7	31.1



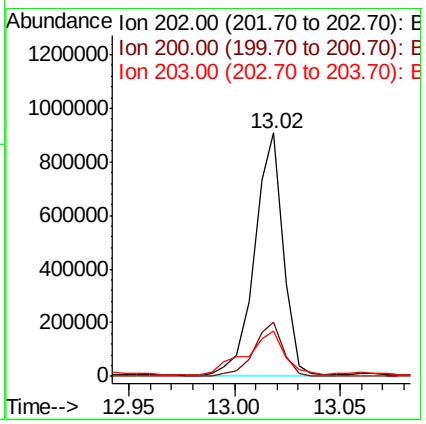


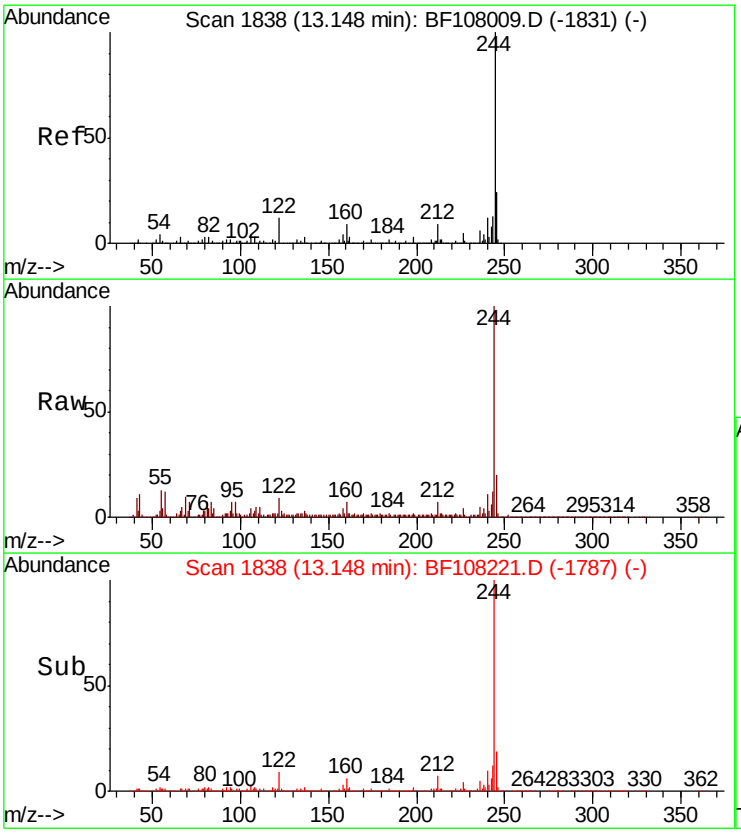
#77
Pyrene
Concen: 35.092 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:202 Resp: 850906

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.8	14.3	21.5

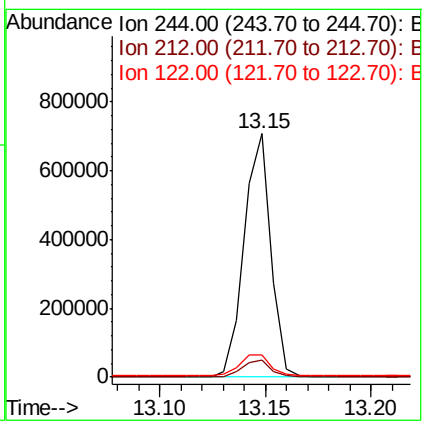


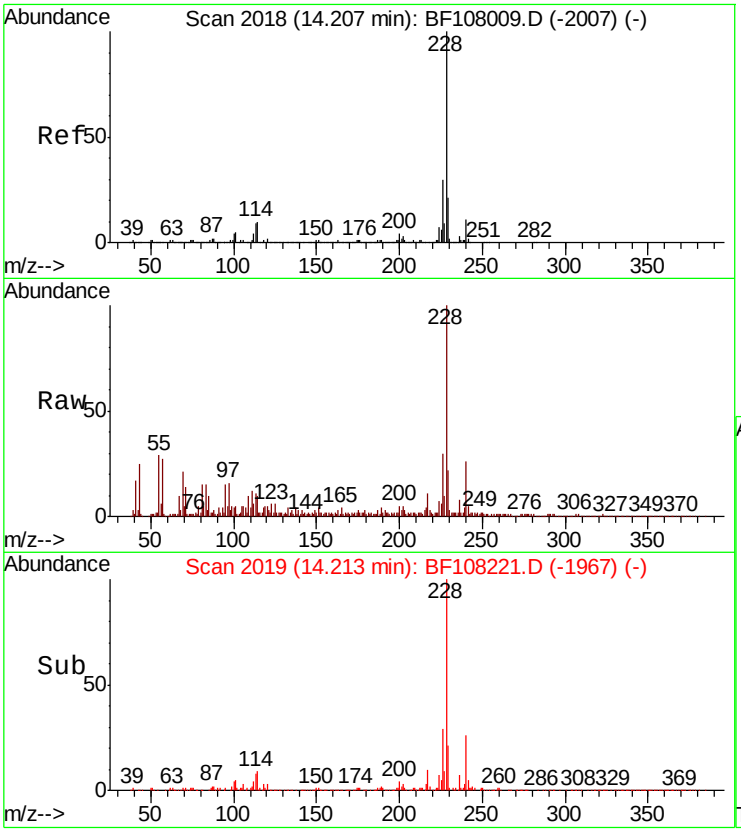


#78
Terphenyl-d14
Concen: 41.113 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:244 Resp: 619316

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.3	11.0	16.4#



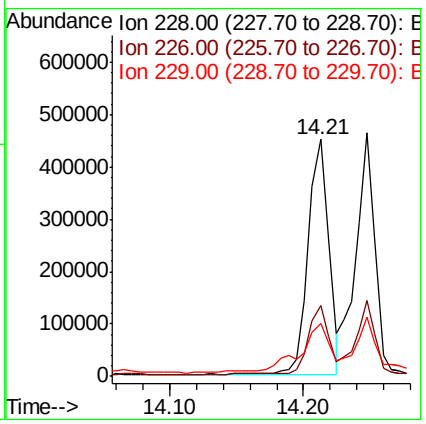


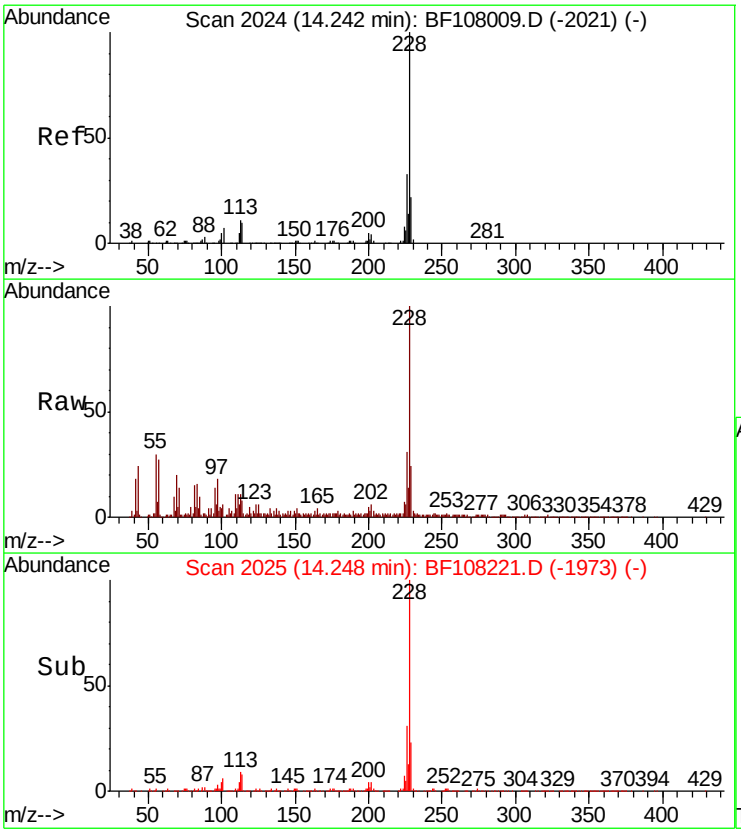
#80
Benzo(a)anthracene
Concen: 21.833 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:228 Resp: 479893

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	22.4	15.8	23.6

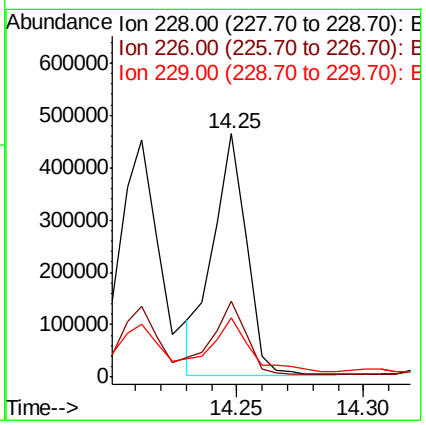


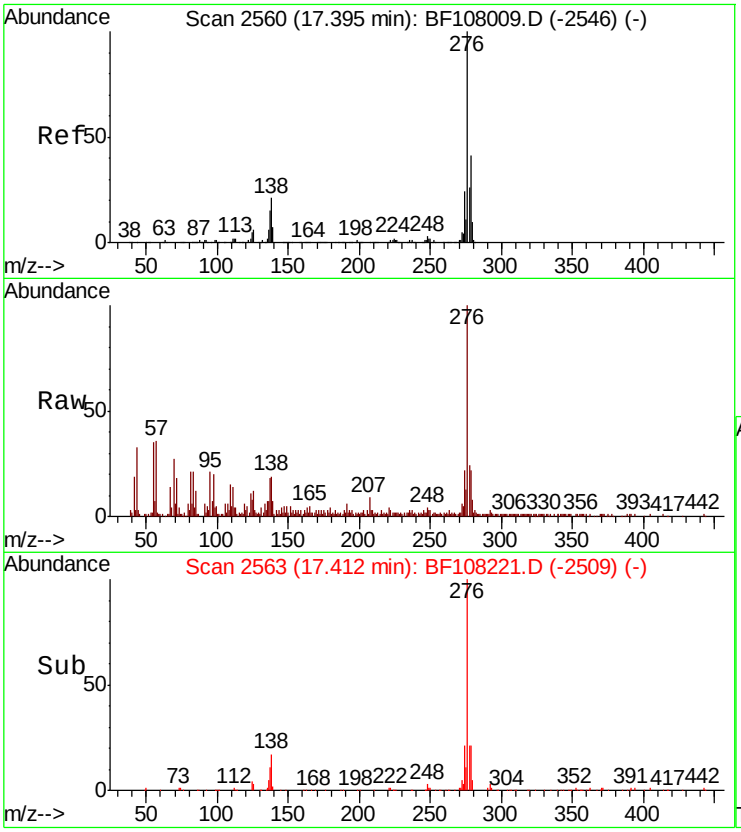


#82
Chrysene
Concen: 21.184 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:228 Resp: 426891

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	24.2	16.2	24.4



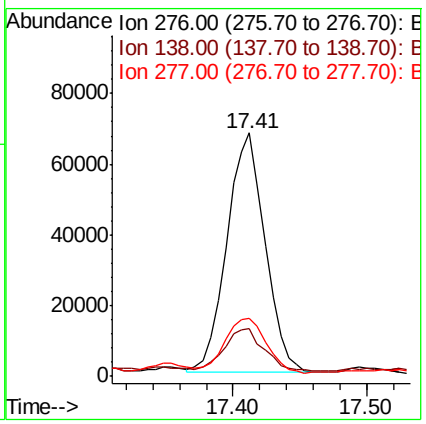


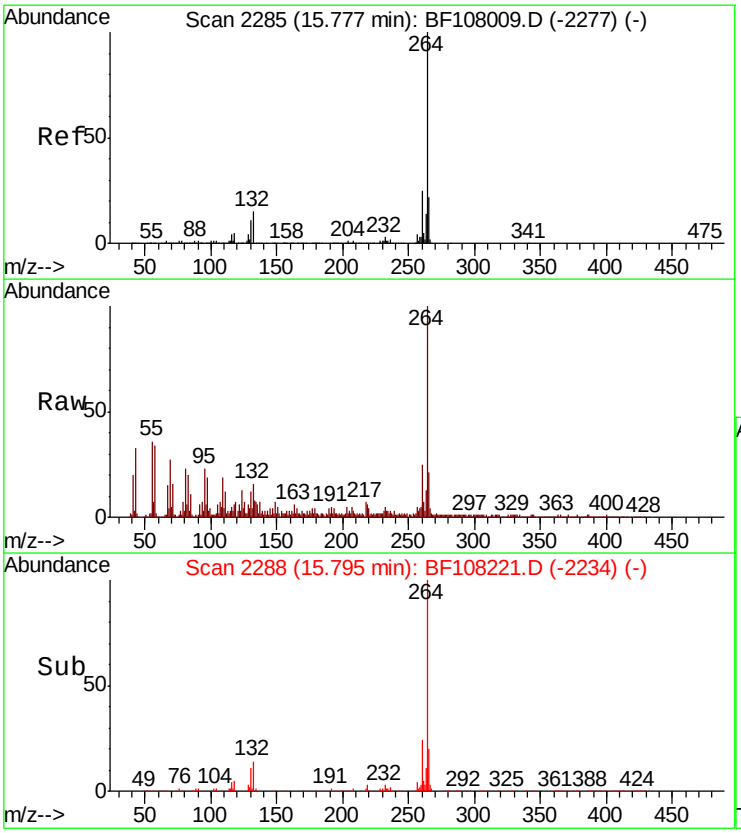
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.754 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:276 Resp: 135380

Ion	Ratio	Lower	Upper
276	100		
138	18.3	25.0	37.6#
277	24.9	20.1	30.1

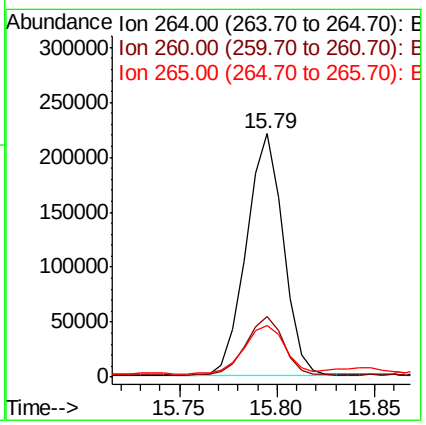


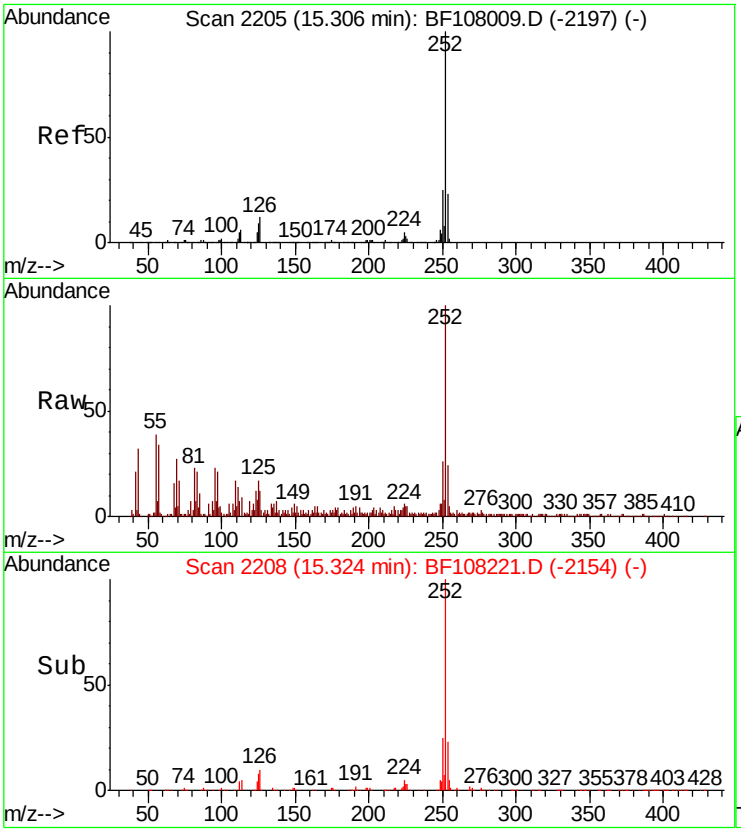


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:264 Resp: 288696

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.5	17.5	26.3



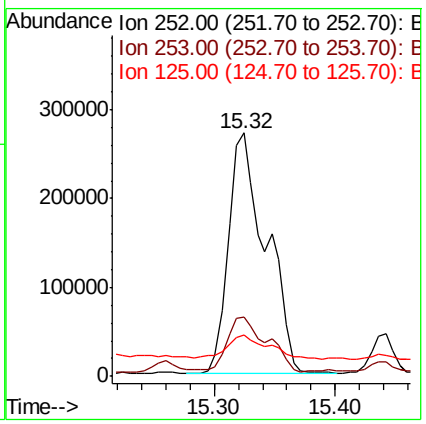


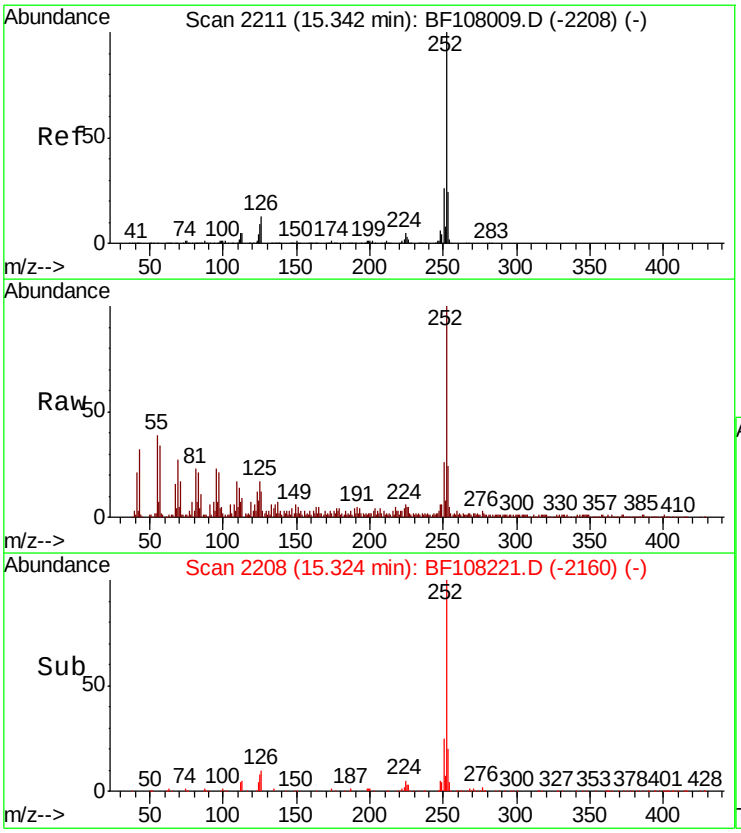
#87
Benzo(b)fluoranthene
Concen: 33.915 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:252 Resp: 585059

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	17.0	9.0	13.6#

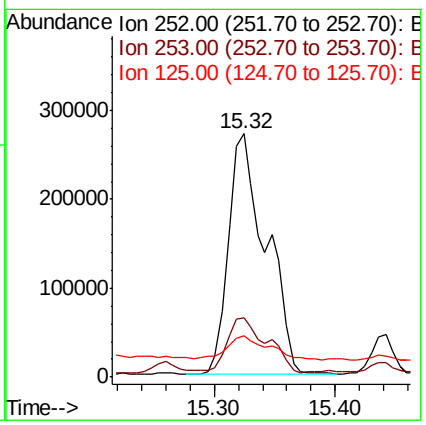


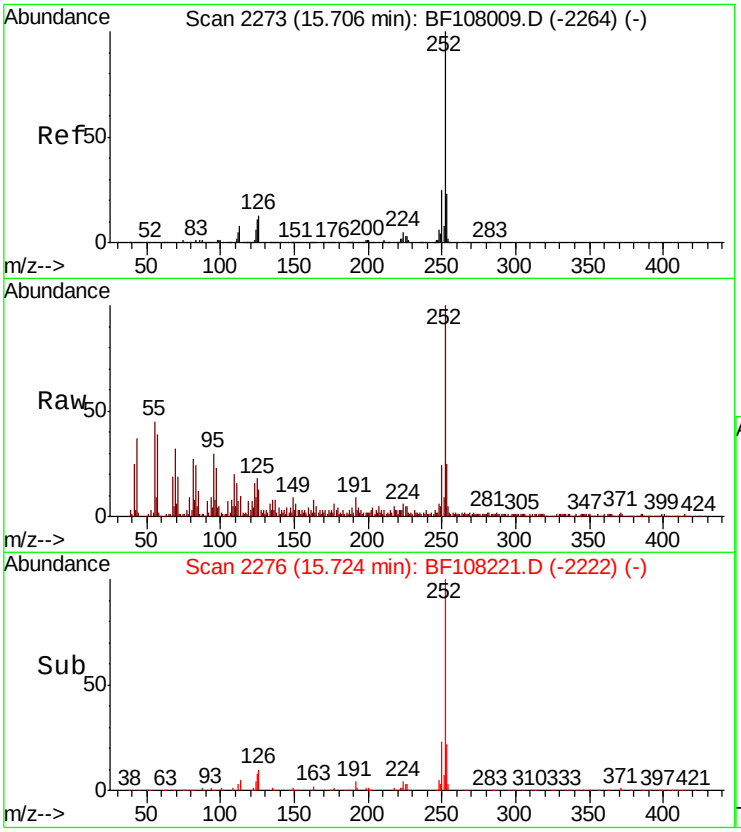


#88
Benzo(k)fluoranthene
Concen: 36.894 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:252 Resp: 585059

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	17.0	10.2	15.2#



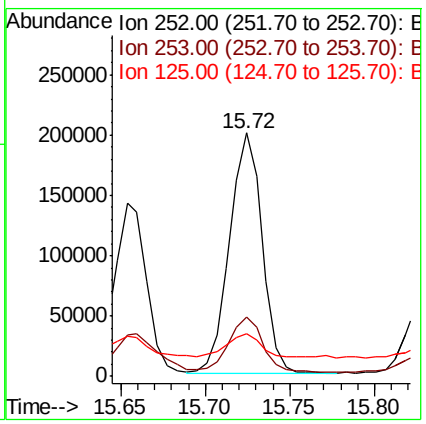


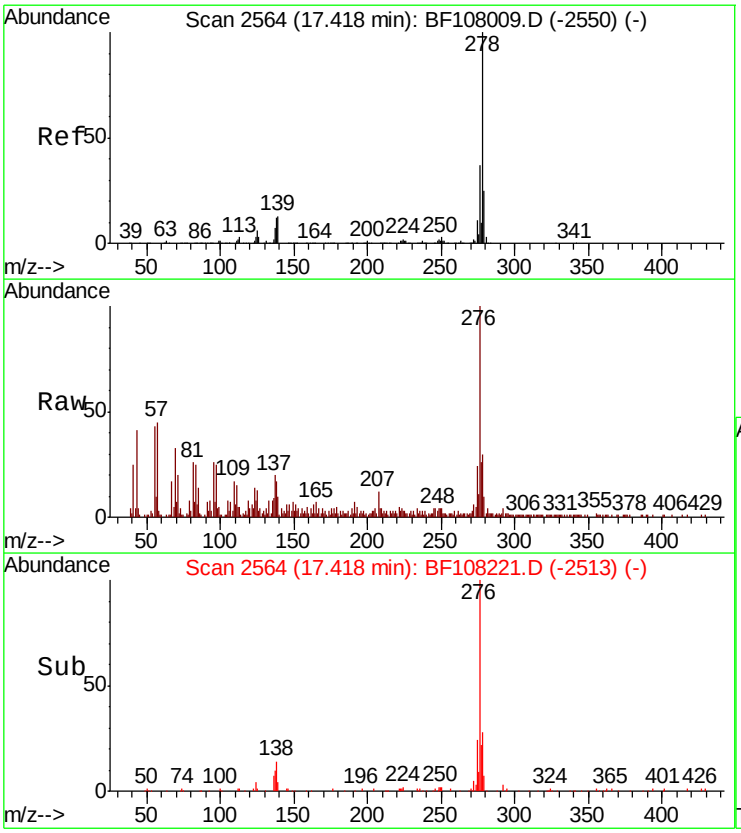
#89
Benzo(a)pyrene
Concen: 17.239 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:252 Resp: 266308

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	17.8	9.8	14.6#

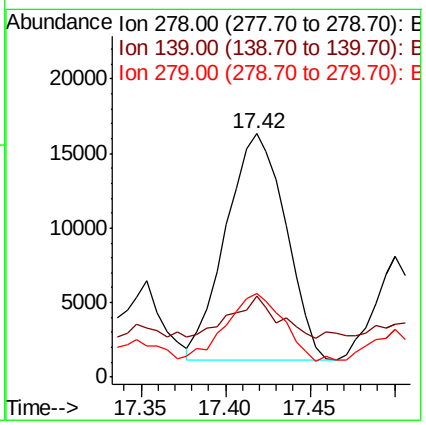


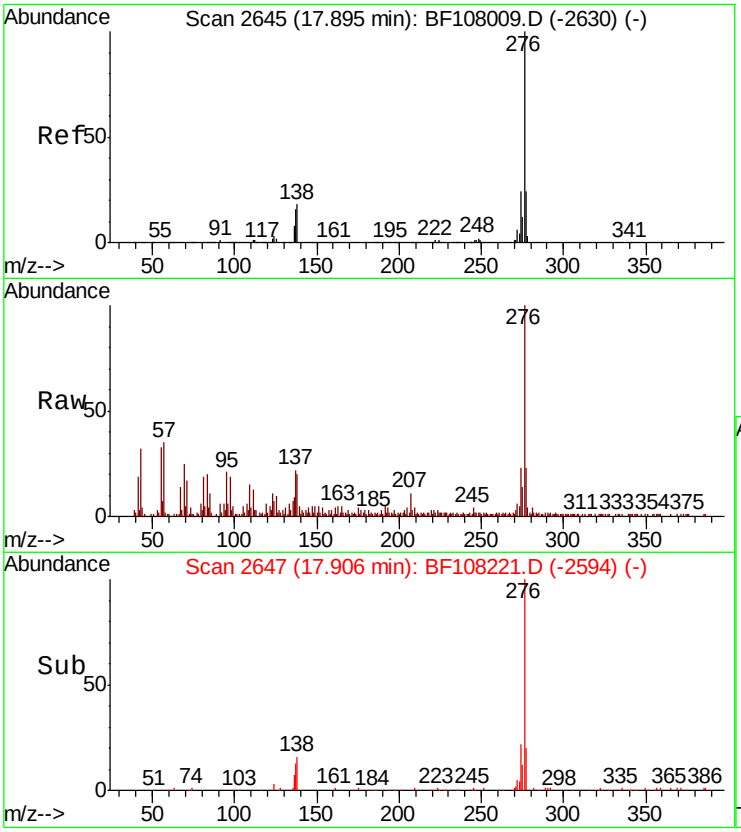


#90
Dibenzo(a,h)anthracene
Concen: 2.927 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Tgt Ion:278 Resp: 37413

Ion	Ratio	Lower	Upper
278	100		
139	33.4	15.9	23.9#
279	34.3	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.530 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108221.D
Acq: 17 Aug 2018 3:15

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-45-022

Tgt Ion:276 Resp: 119942

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	20.5	21.8	32.8#