Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108458.D
Acq On : 24 Aug 2018 9:06
Operator : JU/SJ
Sample : J4535-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 24 10:45:39 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135616	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	486598	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	208602	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	313588	20.00	ng		0.00
75) Chrysene-d12	14.21	240	235742	20.00	ng		0.00
86) Perylene-d12	15.78	264	187771	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	797846	106.51	ng		0.00
7) Phenol-d6	6.62	99	1071763	107.67	ng		0.00
23) Nitrobenzene-d5	7.56	82	693180	79.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	202871	97.50	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1174563	90.40	ng		0.00
78) Terphenyl-d14	13.13	244	822276	88.69	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.56	82	690723	41.557	ng	#	64
31) Naphthalene	8.30	128	89491	4.044	ng		99
32) Benzoic acid	8.06	122	3657	6.722	ng	#	27
37) 2-Methylnaphthalene	9.00	142	131357	8.390	ng		98
49) Dimethylphthalate	9.75	163	90363	6.219	ng	#	98
51) Acenaphthene	10.08	154	25281	2.148	ng		94
53) 2,4-Dinitrophenol	10.25	184	132	7.127	ng	#	1
54) Dibenzofuran	10.25	168	43806	2.569	ng	#	86
55) 4-Nitrophenol	10.14	139	5717	2.270	ng	#	47
57) Fluorene	10.60	166	31421	2.328	ng	#	92
64) 4,6-Dinitro-2-methylphenol	10.66	198	178	5.493	ng	#	1
65) n-Nitrosodiphenylamine	10.70	169	19559	2.111	ng	#	41
70) Phenanthrene	11.57	178	359776	24.324	ng		99
71) Anthracene	11.62	178	76542	5.049	ng		98
72) Carbazole	11.77	167	34991	2.598	ng	#	87
74) Fluoranthene	12.77	202	514741	31.888	ng		95
77) Pyrene	13.00	202	478346	32.050	ng		99
80) Benzo(a)anthracene	14.19	228	274307	20.275	ng	#	95
82) Chrysene	14.19	228	274307	22.115	ng		94
85) Indeno(1,2,3-cd)pyrene	17.39	276	121838	11.337	ng	#	87
87) Benzo(b)fluoranthene	15.31	252	410942	36.626	ng	#	87
88) Benzo(k)fluoranthene	15.31	252	410942	39.843	ng	#	90
89) Benzo(a)pyrene	15.71	252	193702	19.279	ng	#	87
90) Dibenzo(a,h)anthracene	17.39	278	33284	4.004	ng	#	71
91) Benzo(g,h,i)perylene	17.88	276	121926	14.895	ng	#	90

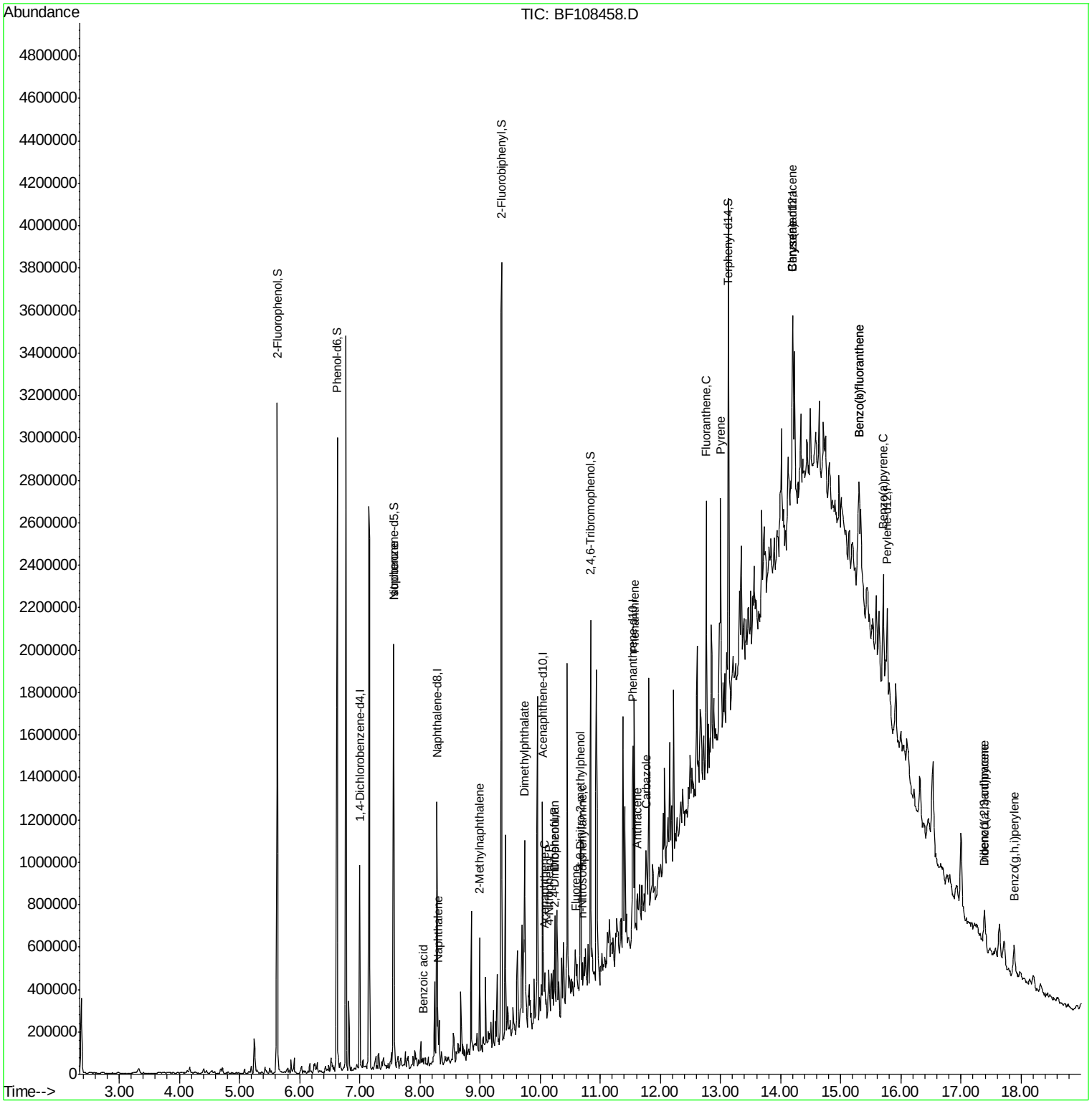
(#) = qualifier out of range (m) = manual integration (+) = signals summed

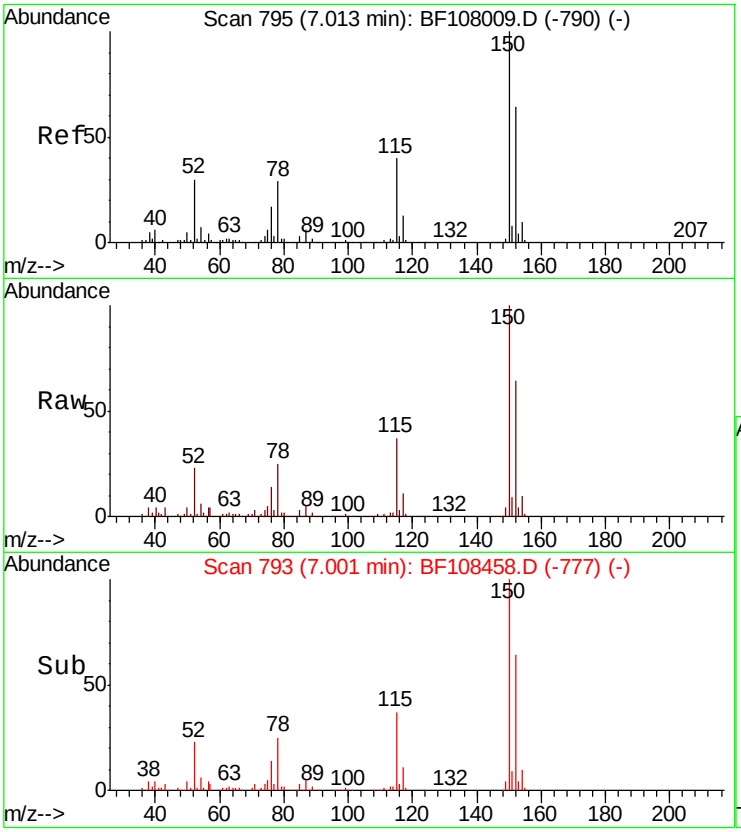
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108458.D
Acq On : 24 Aug 2018 9:06
Operator : JU/SJ
Sample : J4535-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 24 10:45:39 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 22 11:01:45 2018
Response via : Initial Calibration



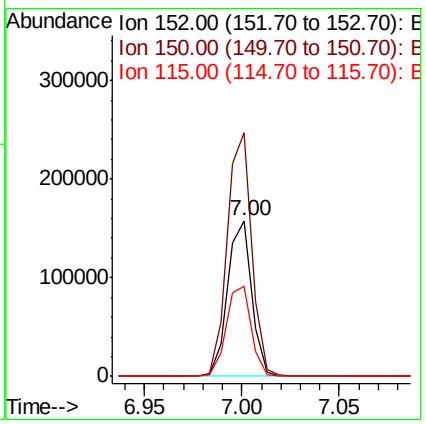


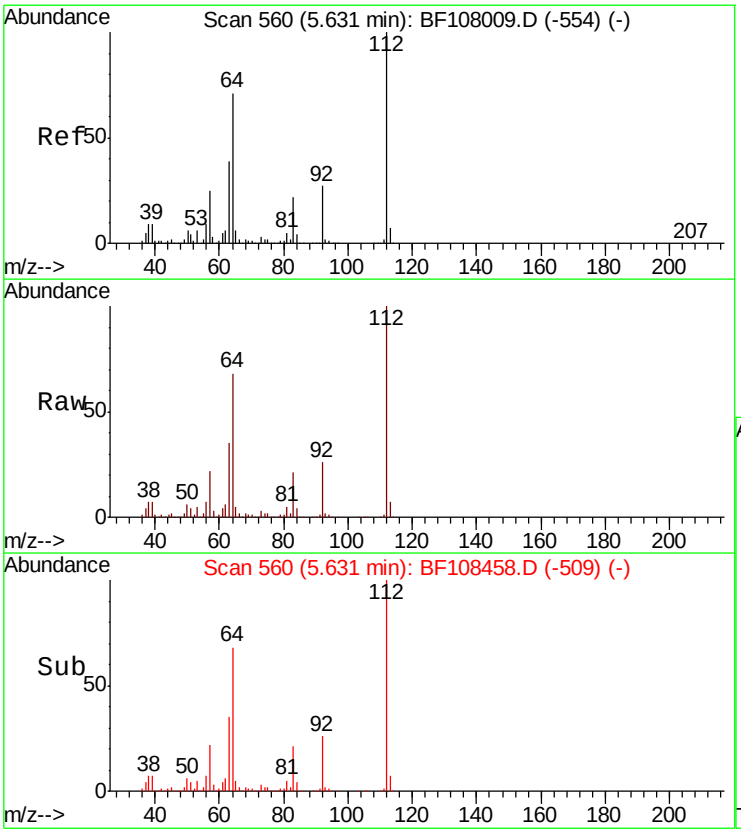
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135616

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	57.6	50.1	75.1

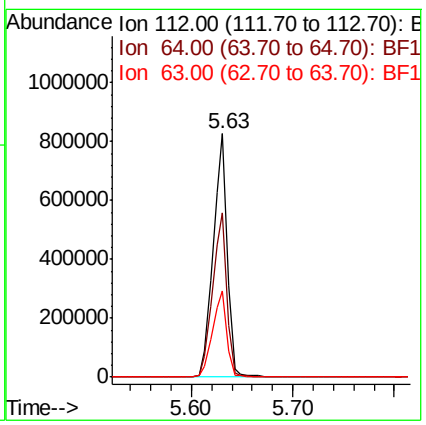


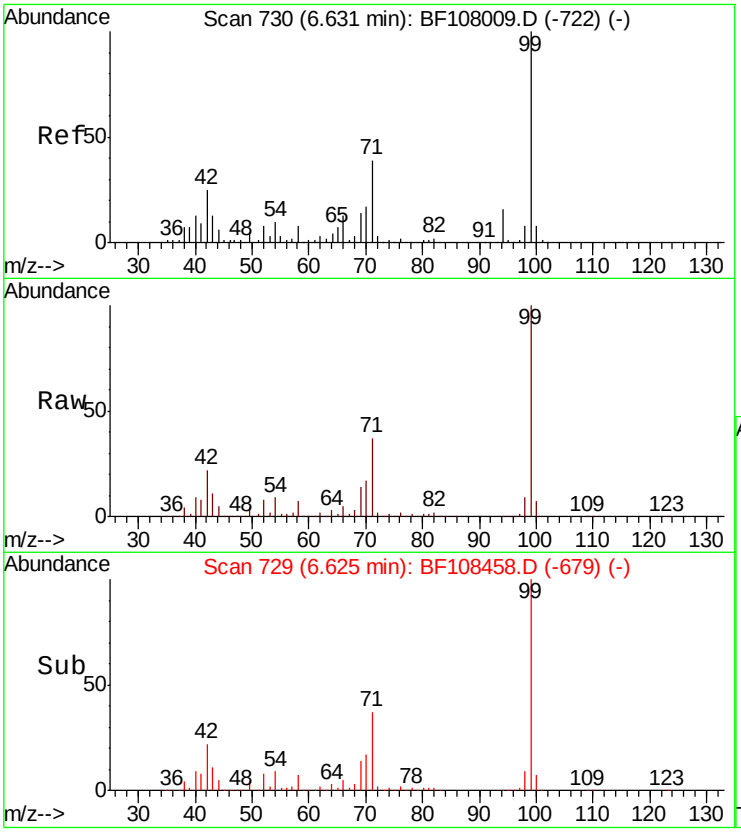


#5
2-Fluorophenol
Concen: 106.511 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:112 Resp: 797846

Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.5	23.7	35.5

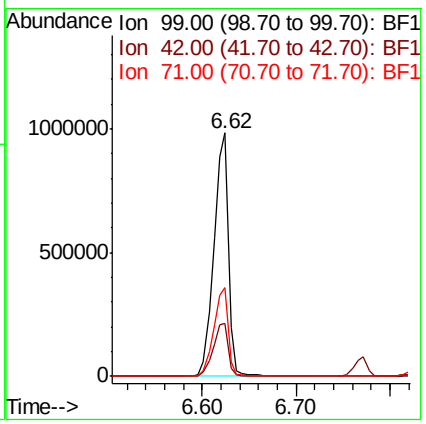




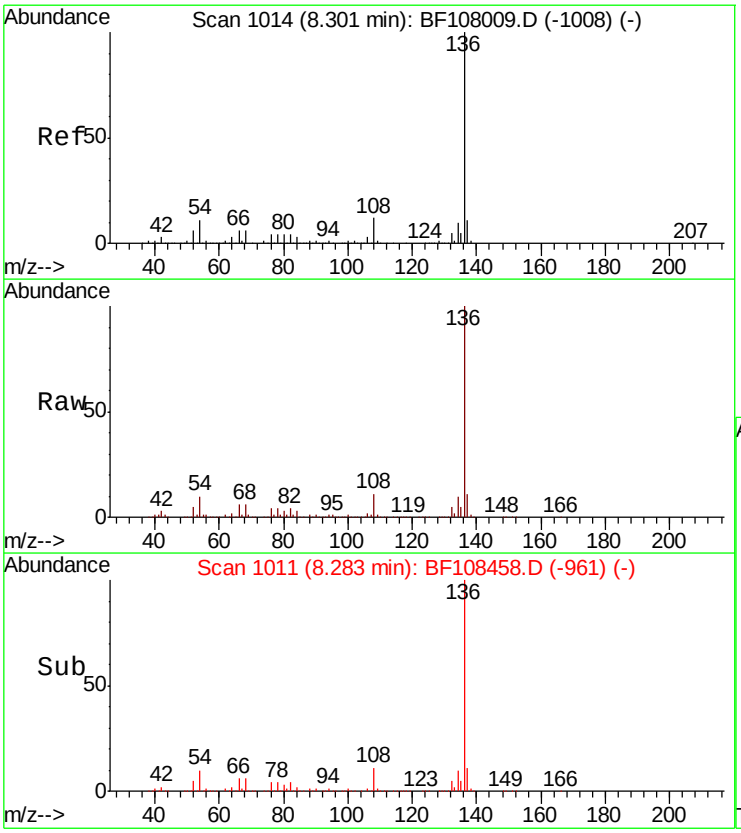
#7
Phenol-d6
Concen: 107.670 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion: 99 Resp: 1071763

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	36.6	25.4	38.0



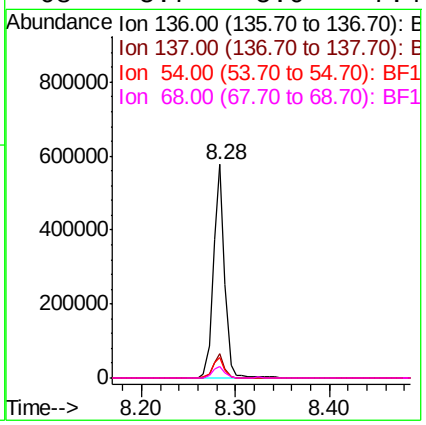
Instrument :
BNA_F
ClientSampleId :

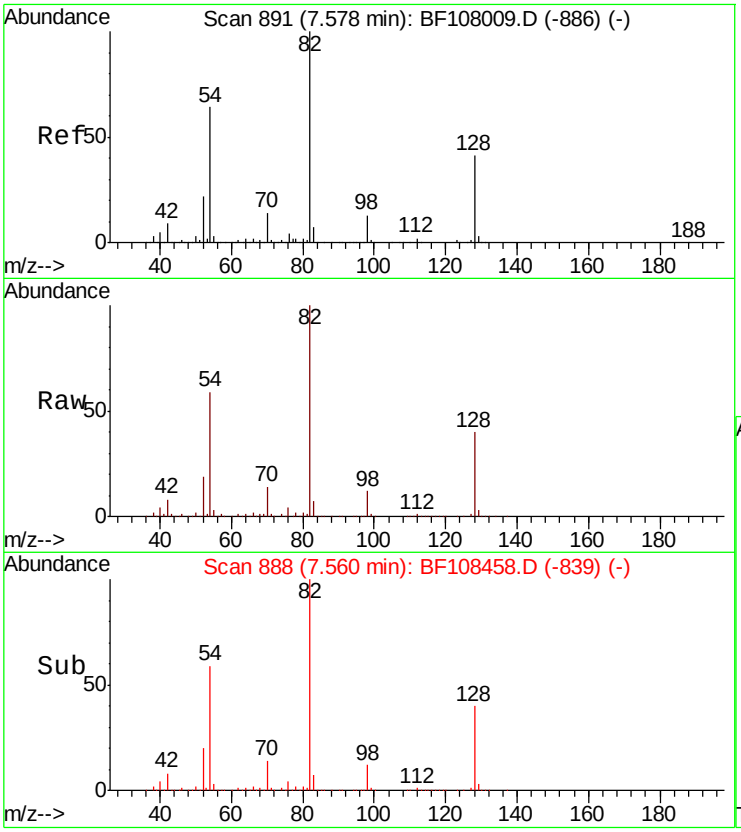


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:136 Resp: 486598

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	5.7	5.0	7.4



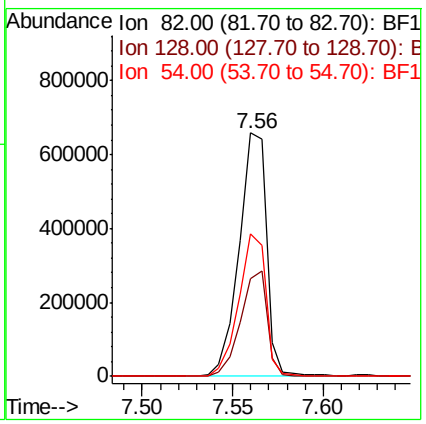


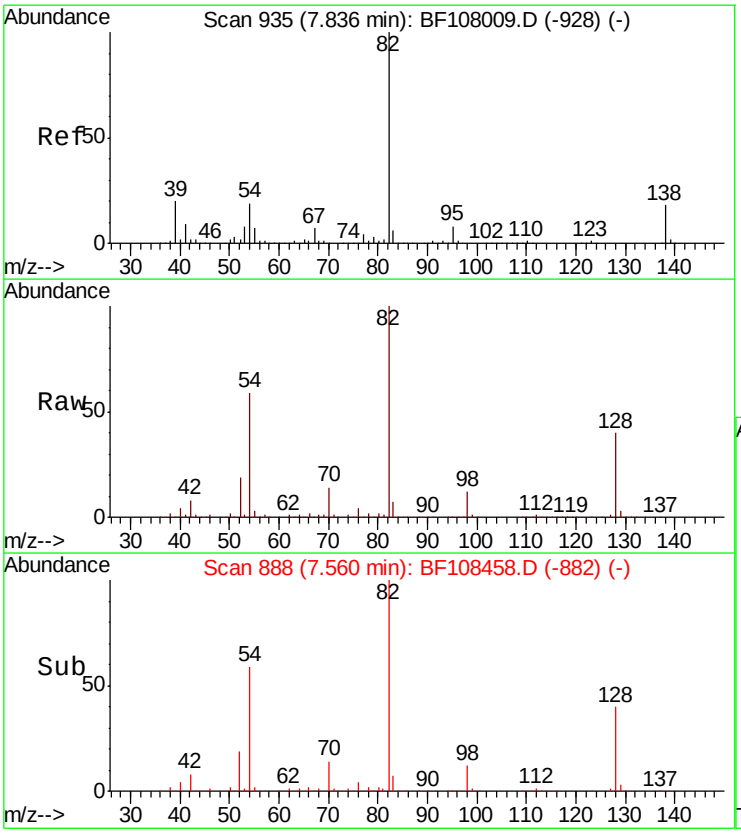
#23
Nitrobenzene-d5
Concen: 79.492 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 693180

Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	58.7	41.4	62.2

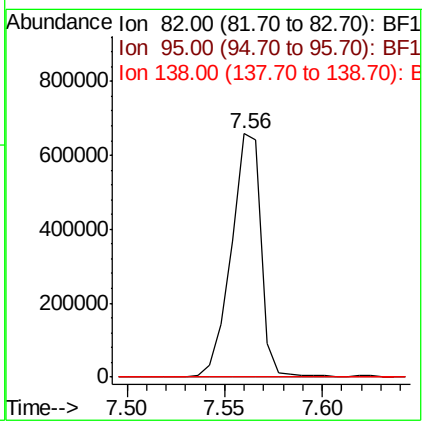


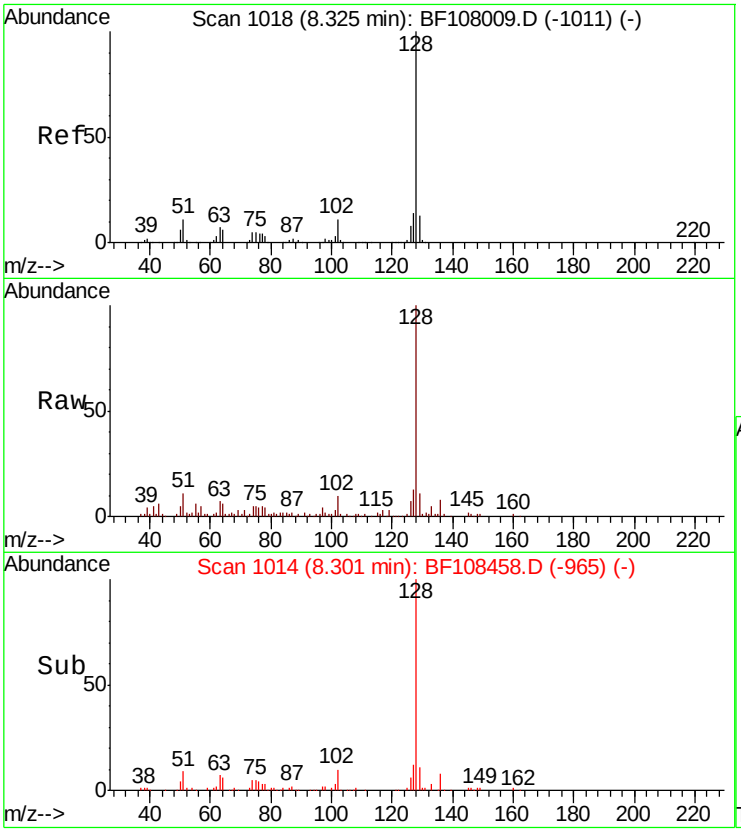


#25
Isophorone
Concen: 41.557 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion: 82 Resp: 690723

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



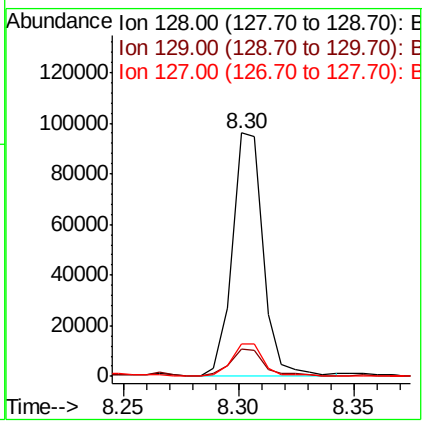


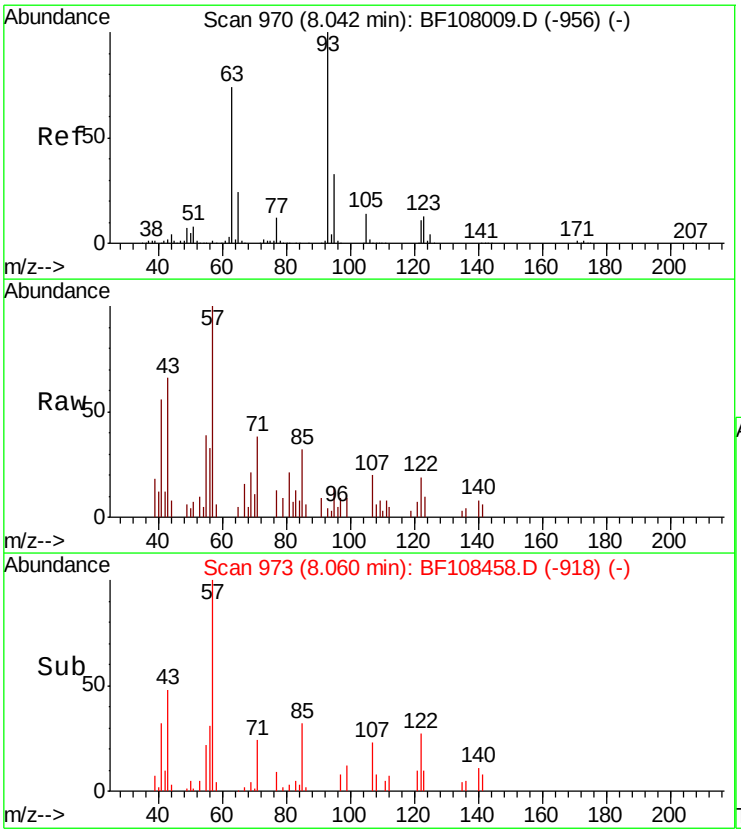
#31
Naphthalene
Concen: 4.044 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 89491

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.9	16.3

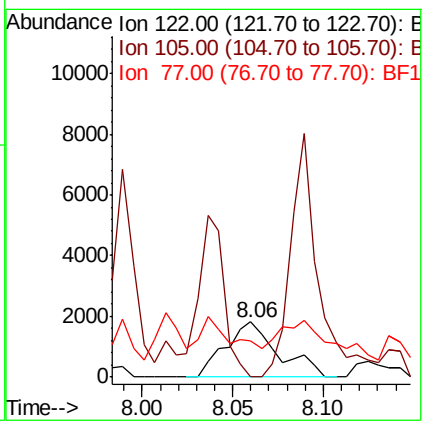


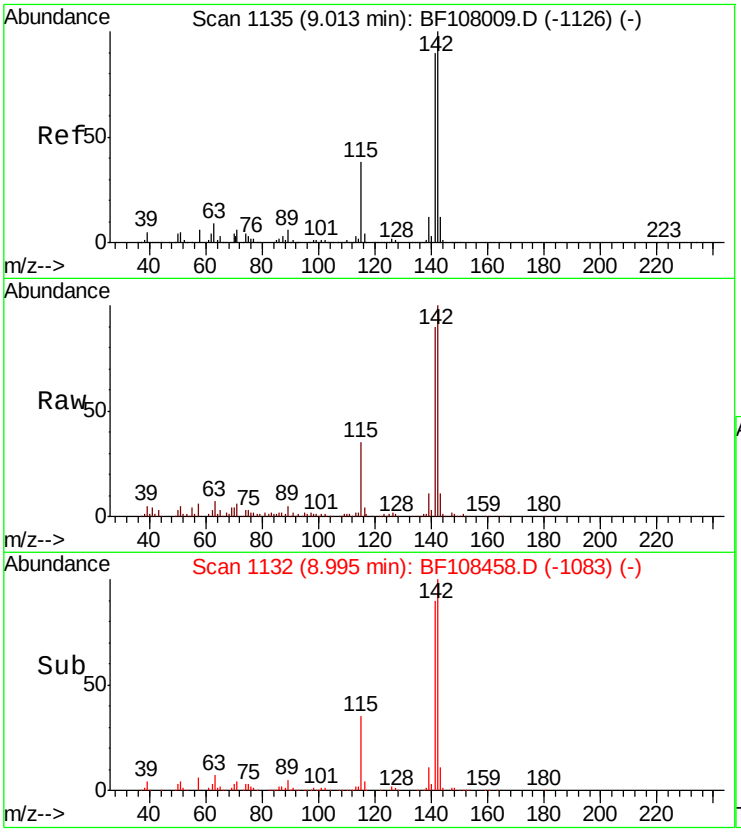


#32
Benzoic acid
Concen: 6.722 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:122 Resp: 3657

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	65.9	70.7	110.7#



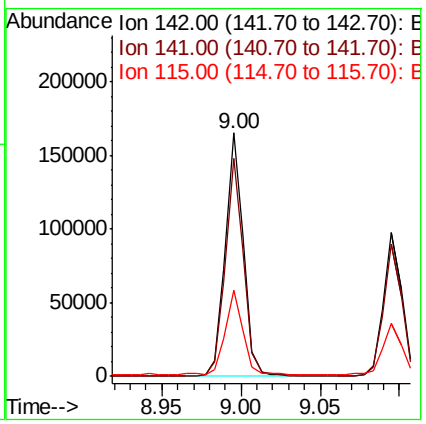


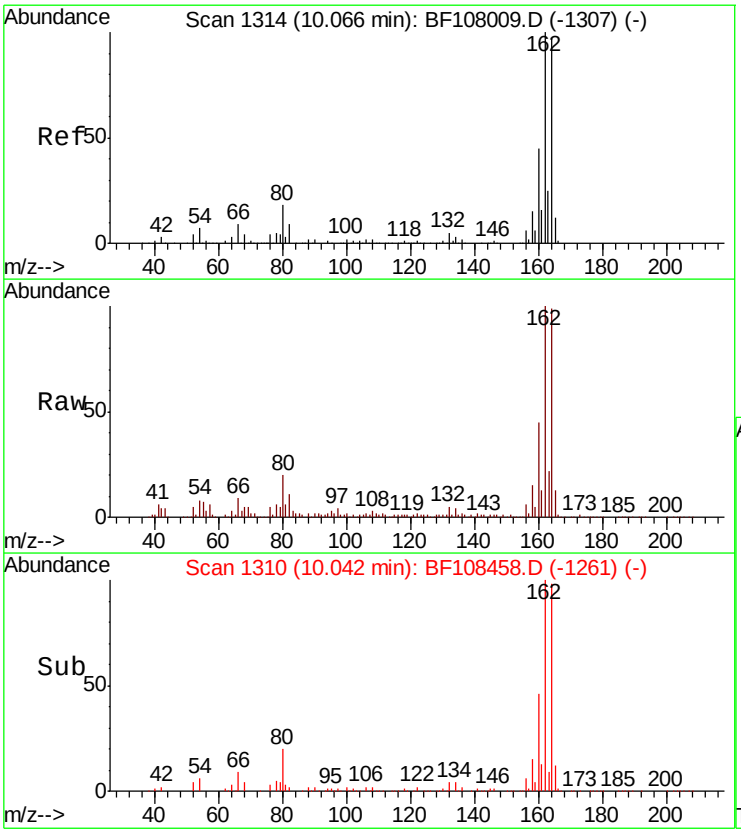
#37
2-Methylnaphthalene
Concen: 8.390 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 131357

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	35.3	26.1	39.1

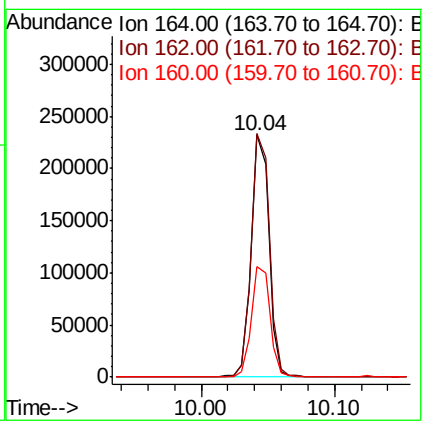


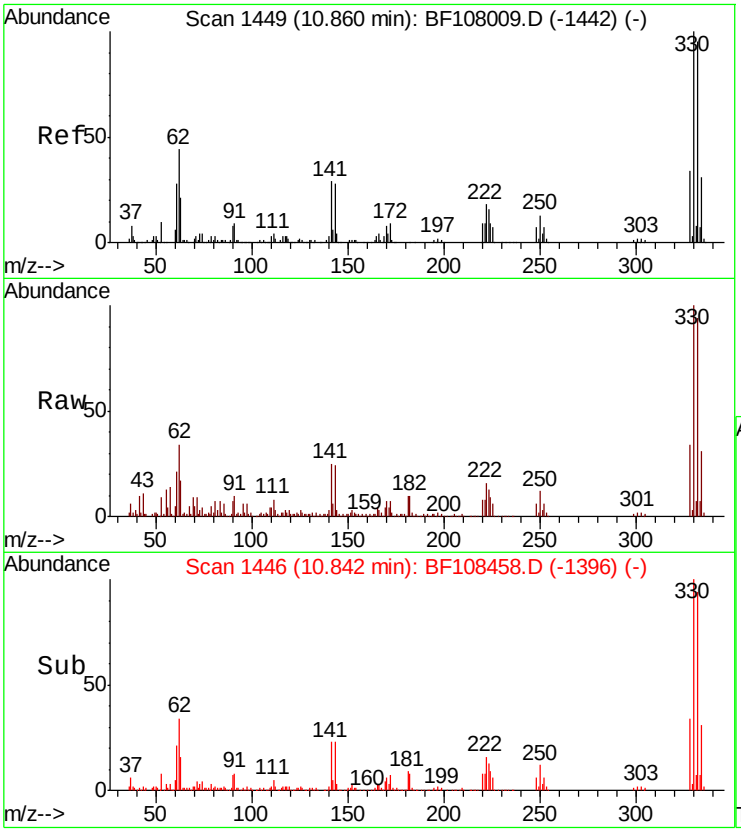


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:164 Resp: 208602

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	45.7	38.3	57.5



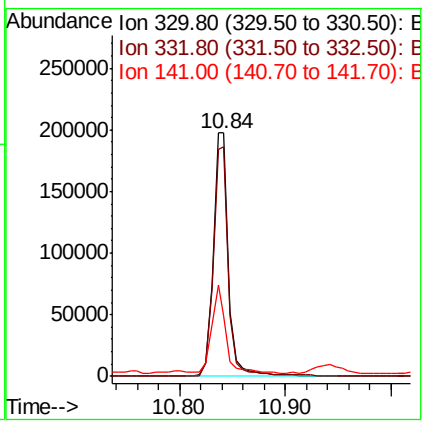


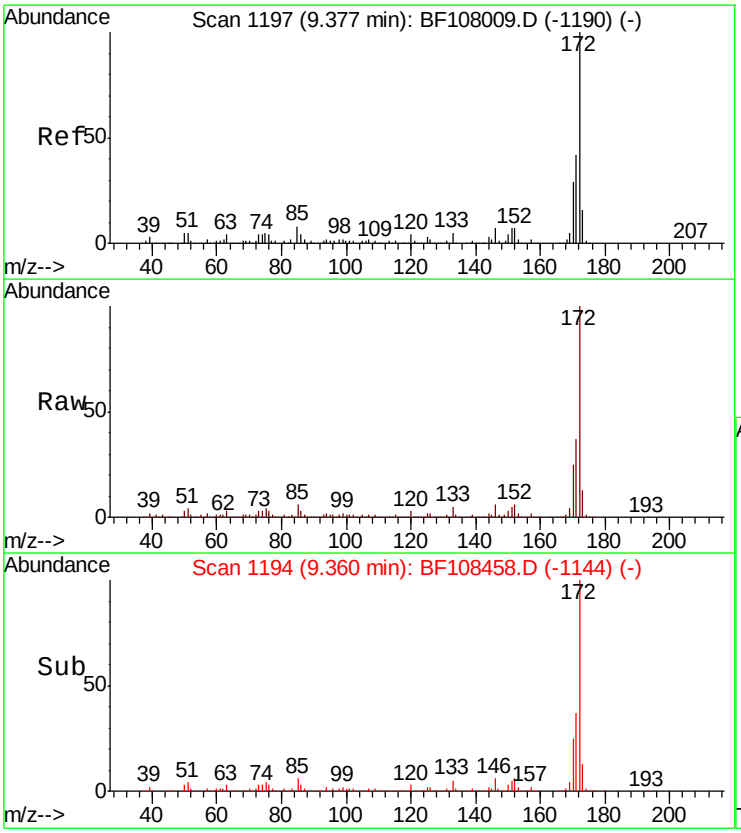
#41
2,4,6-Tribromophenol
Concen: 97.499 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 202871

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	33.1	29.9	44.9

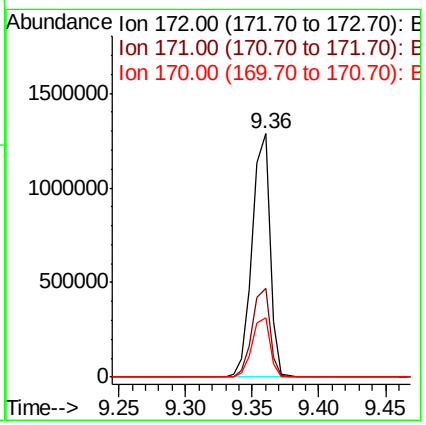


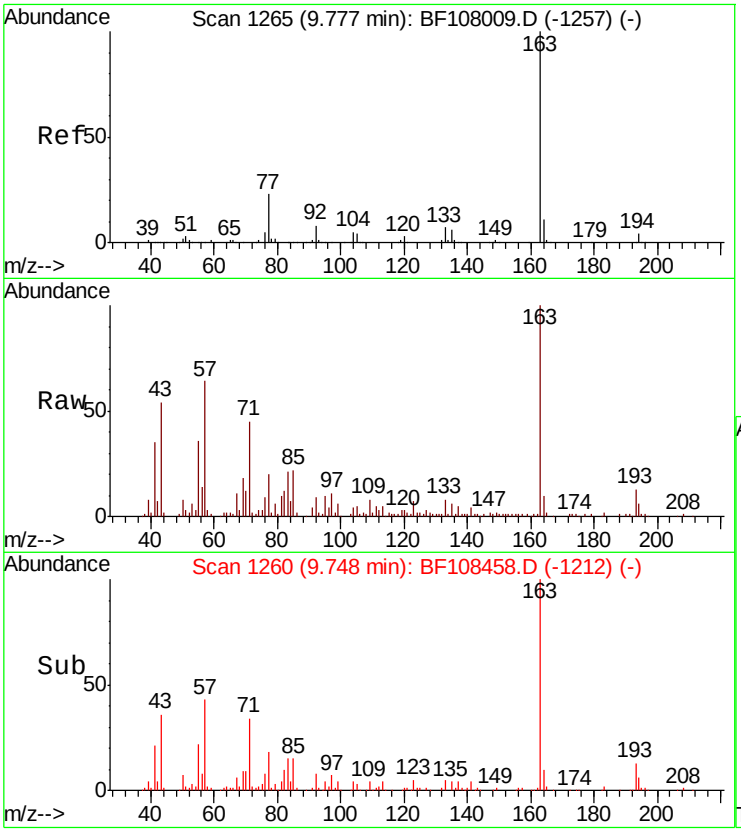


#44
2-Fluorobiphenyl
Concen: 90.398 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:172 Resp: 1174563

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

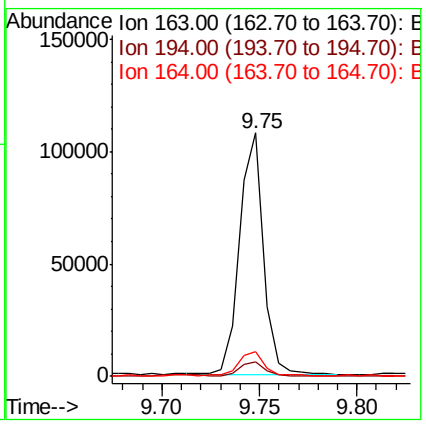




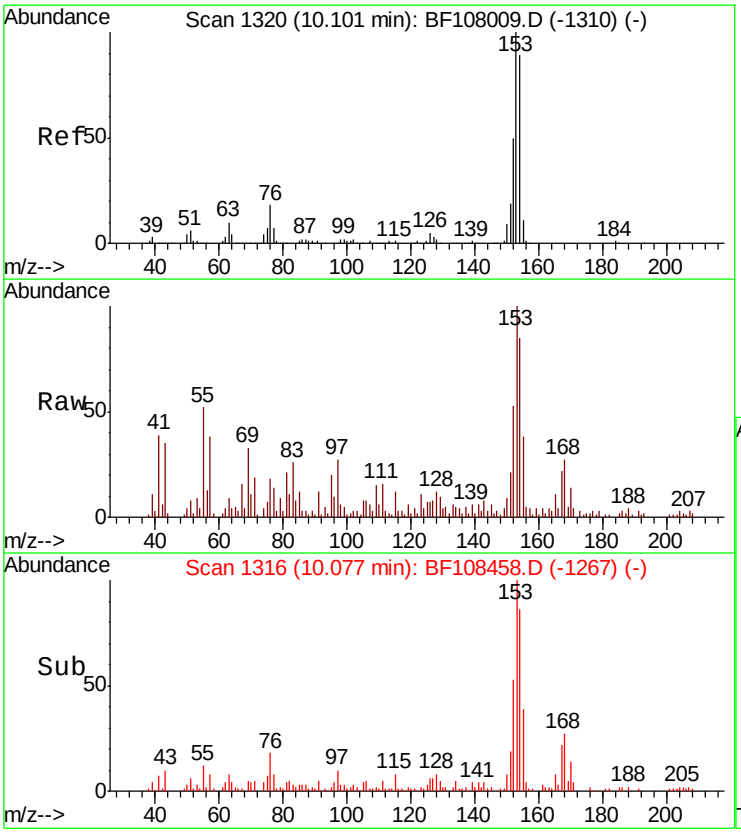
#49
Dimethylphthalate
Concen: 6.219 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:163 Resp: 90363

Ion	Ratio	Lower	Upper
163	100		
194	6.0	2.7	4.1#
164	10.2	8.2	12.2



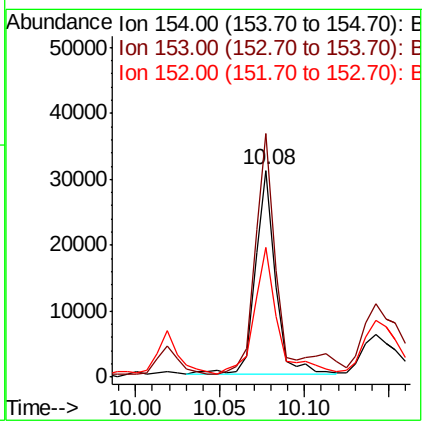
Instrument :
BNA_F
ClientSampleId :

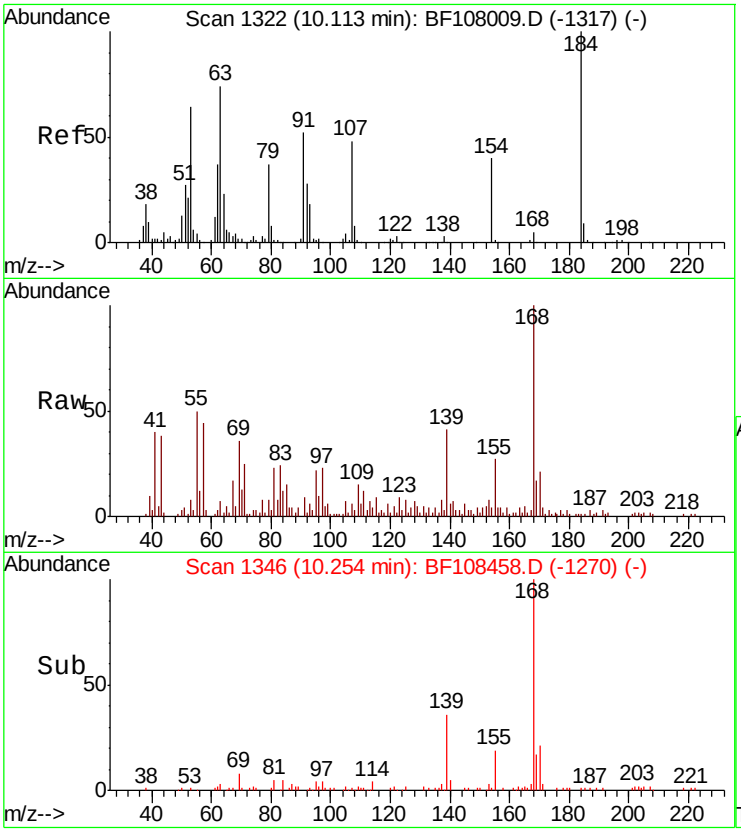


#51
Acenaphthene
Concen: 2.148 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:154 Resp: 25281

Ion	Ratio	Lower	Upper
154	100		
153	117.6	91.2	136.8
152	62.5	43.8	65.8



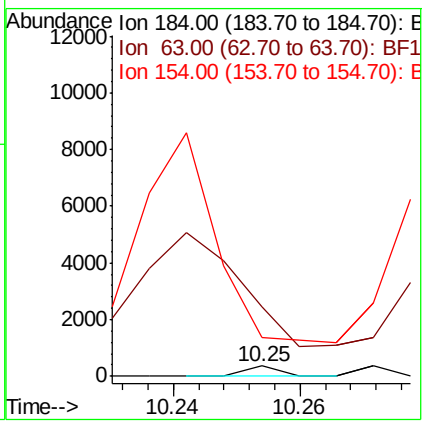


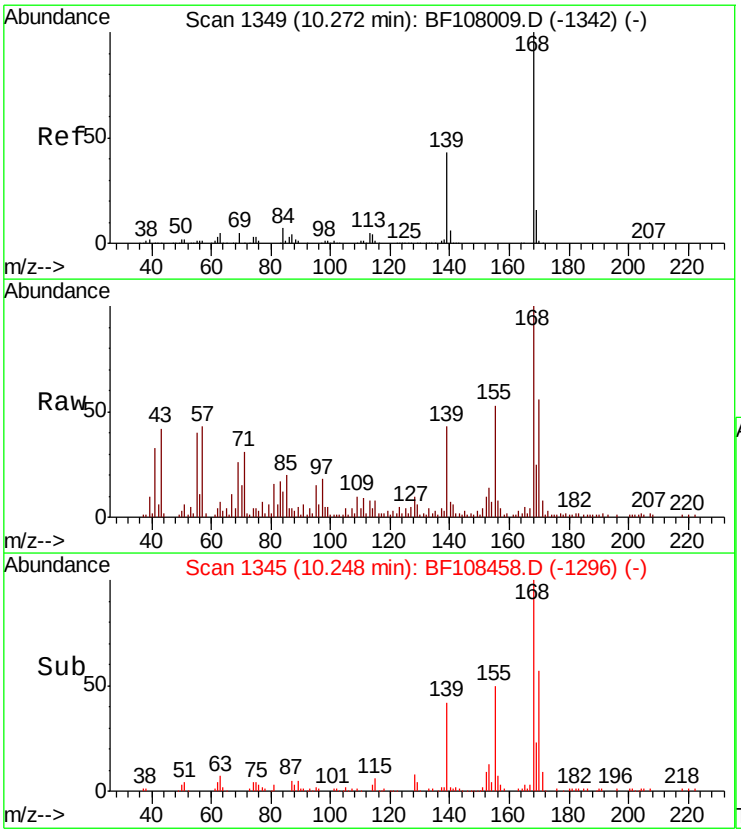
#53
2,4-Dinitrophenol
Concen: 7.127 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.15 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 132

Ion	Ratio	Lower	Upper
184	100		
63	656.6	54.2	81.2#
154	370.5	184.0	276.0#

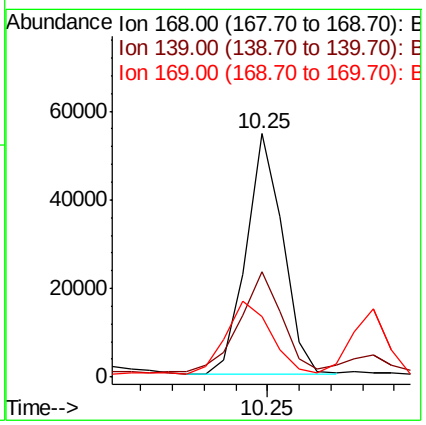


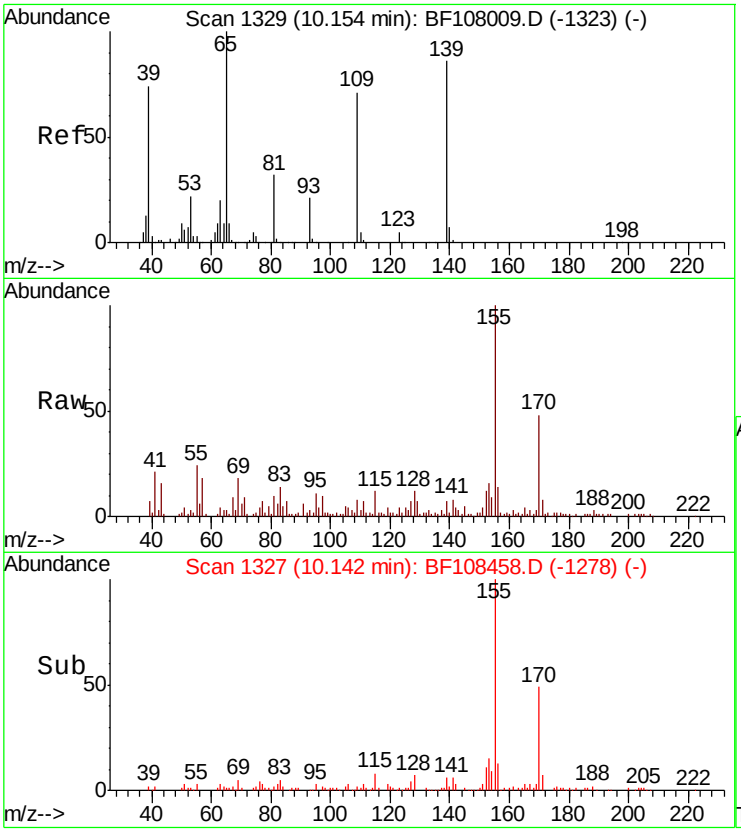


#54
Dibenzofuran
Concen: 2.569 ng
RT: 10.25 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:168 Resp: 43806

Ion	Ratio	Lower	Upper
168	100		
139	43.1	30.1	45.1
169	25.0	10.9	16.3#



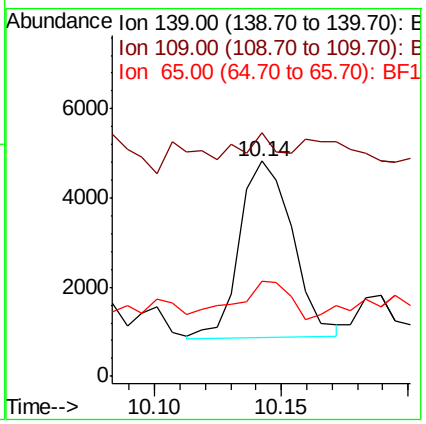


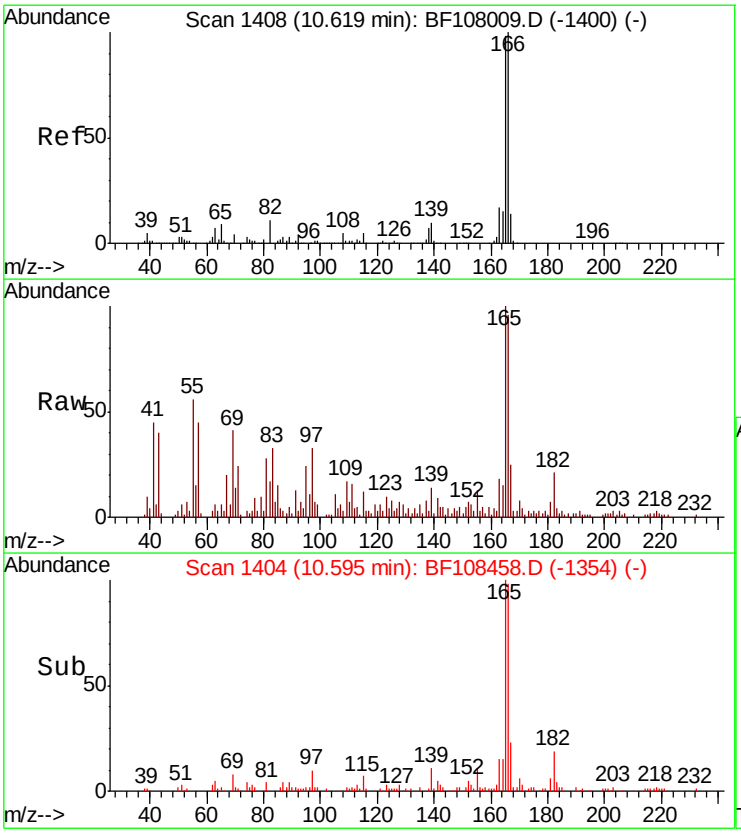
#55
4-Nitrophenol
Concen: 2.270 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5717

Ion	Ratio	Lower	Upper
139	100		
109	113.1	48.4	88.4#
65	44.2	72.6	112.6#

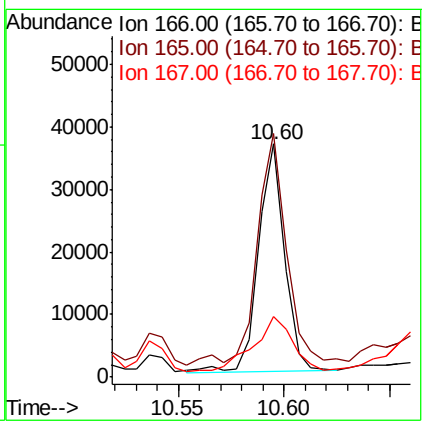


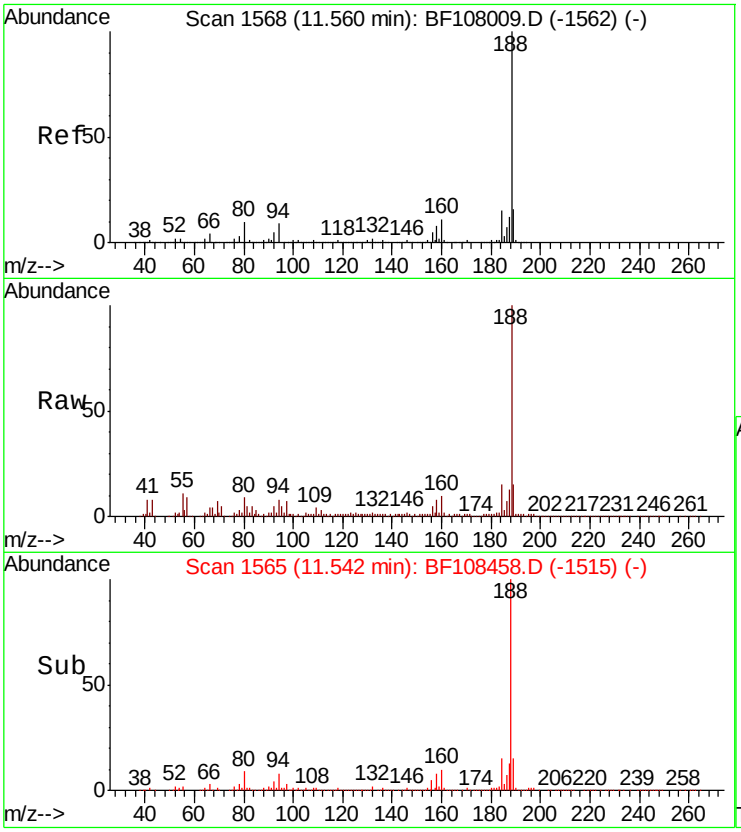


#57
Fluorene
Concen: 2.328 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:166 Resp: 31421

Ion	Ratio	Lower	Upper
166	100		
165	104.6	79.8	119.8
167	25.8	10.6	16.0#



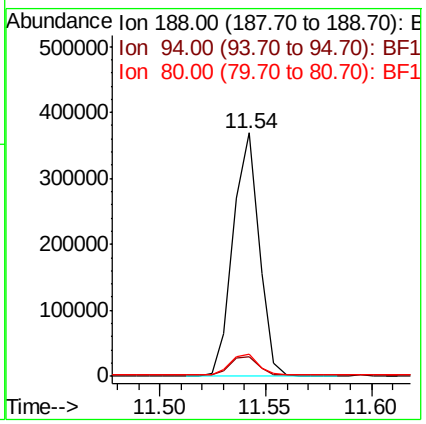


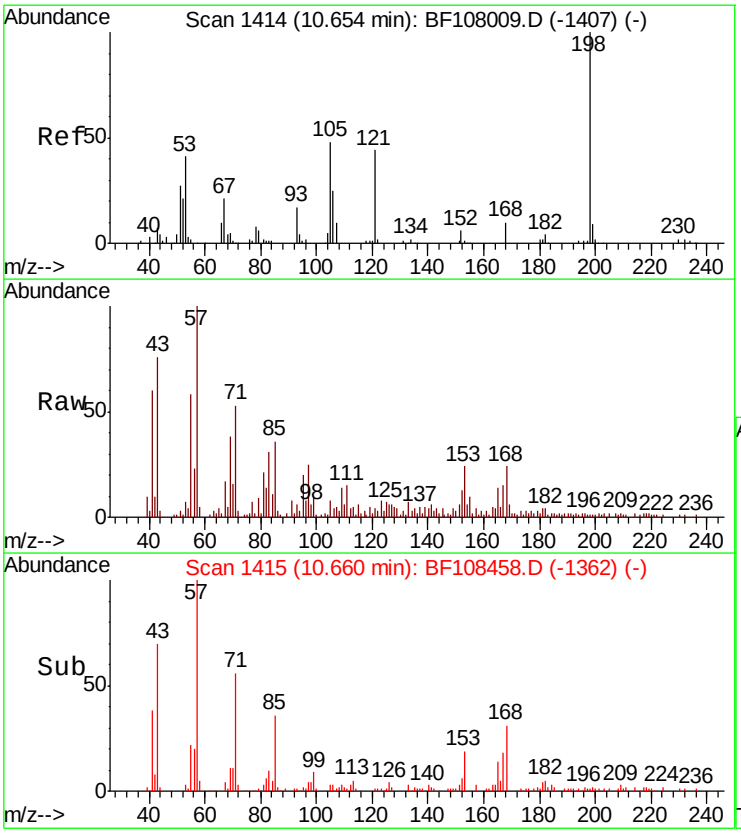
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 313588

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#

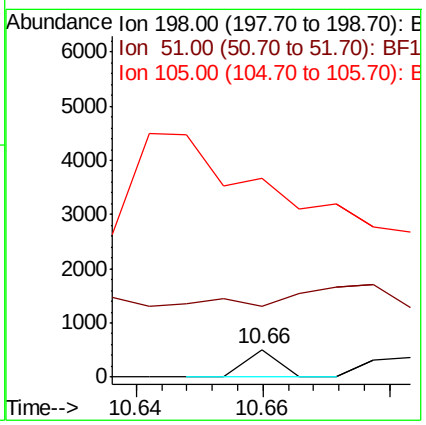


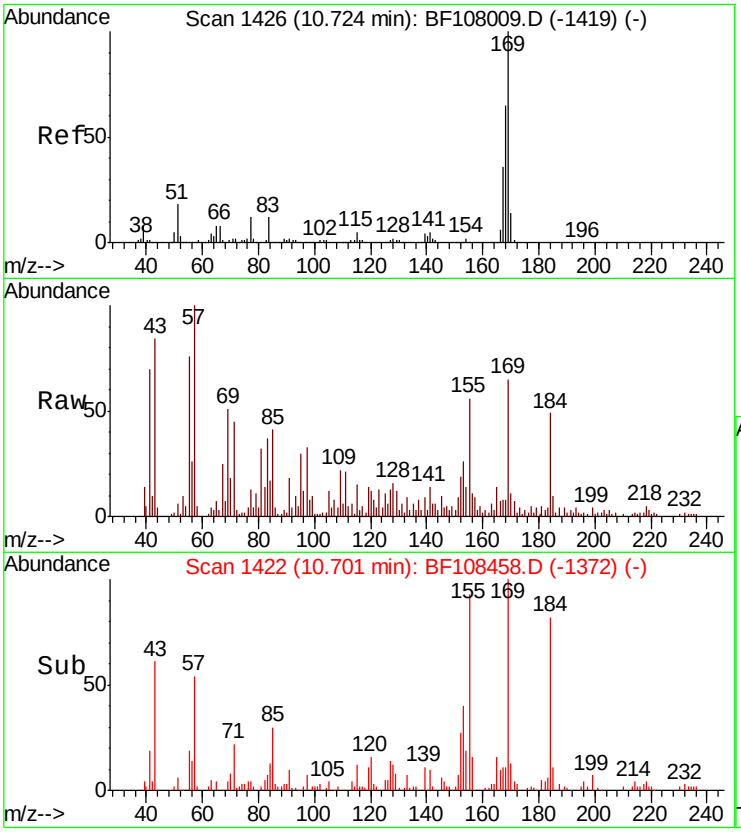


#64
4,6-Dinitro-2-methylphenol
Concen: 5.493 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:198 Resp: 178

Ion	Ratio	Lower	Upper
198	100		
51	257.9	37.7	77.7#
105	727.8	36.3	76.3#



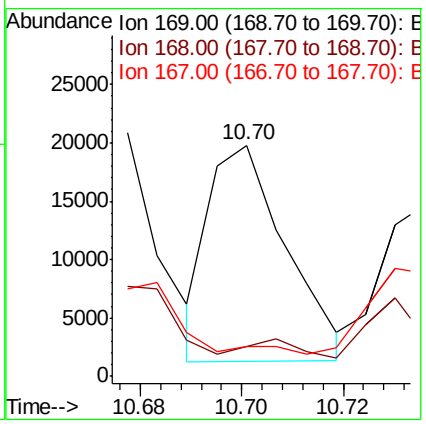


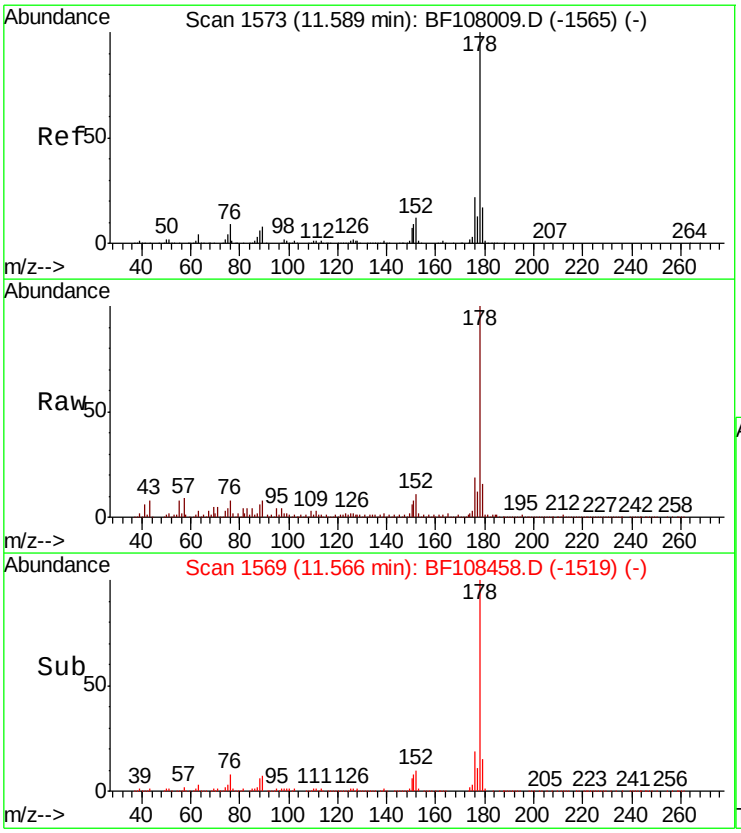
#65
n-Nitrosodiphenylamine
Concen: 2.111 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 19559

Ion	Ratio	Lower	Upper
169	100		
168	12.8	54.4	81.6#
167	12.8	29.8	44.6#

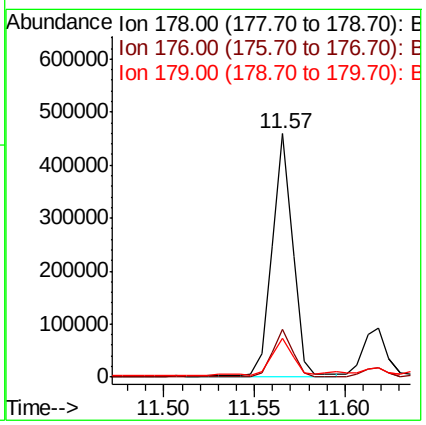


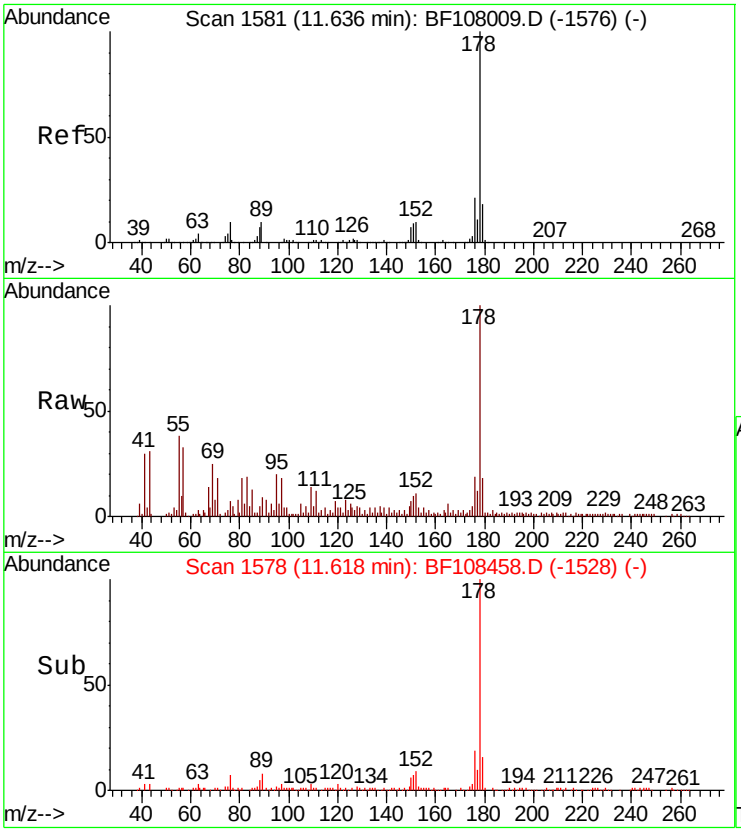


#70
Phenanthrene
Concen: 24.324 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:178 Resp: 359776

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.9	13.0	19.6



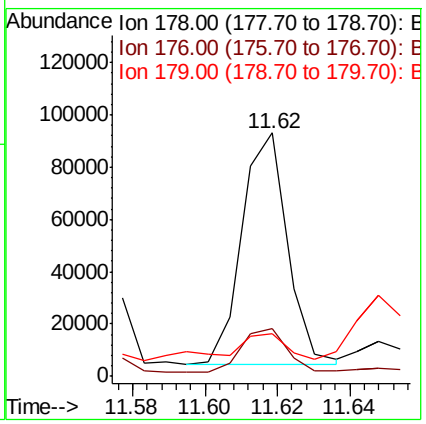


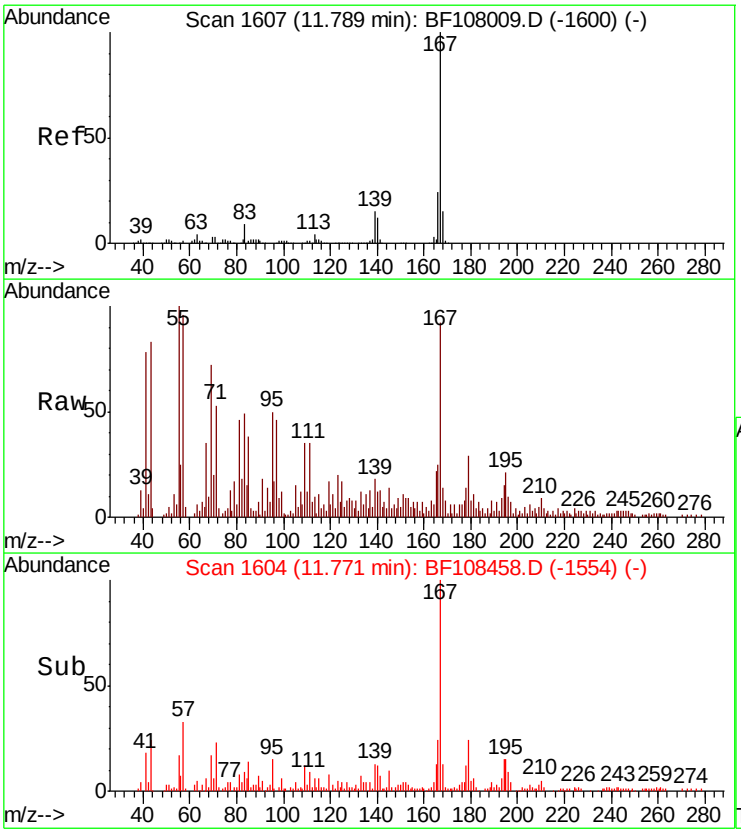
#71
Anthracene
Concen: 5.049 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 76542

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	17.7	12.6	19.0

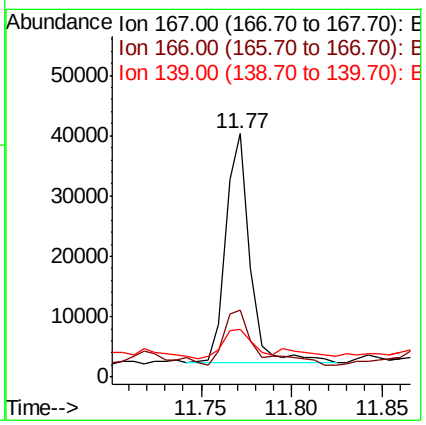


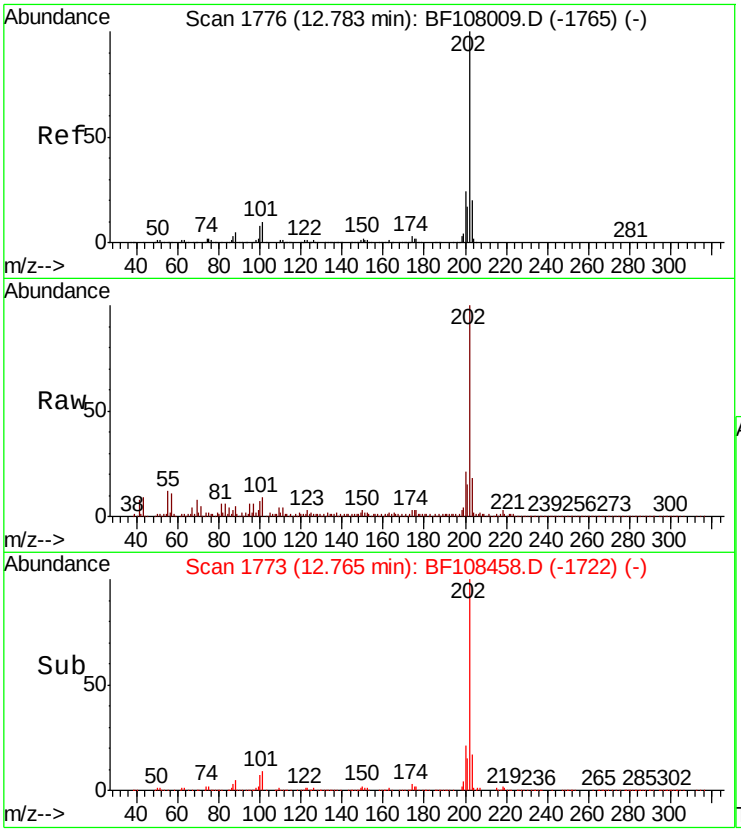


#72
Carbazole
Concen: 2.598 ng
RT: 11.77 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:167 Resp: 34991

Ion	Ratio	Lower	Upper
167	100		
166	27.4	17.6	26.4#
139	19.6	10.9	16.3#



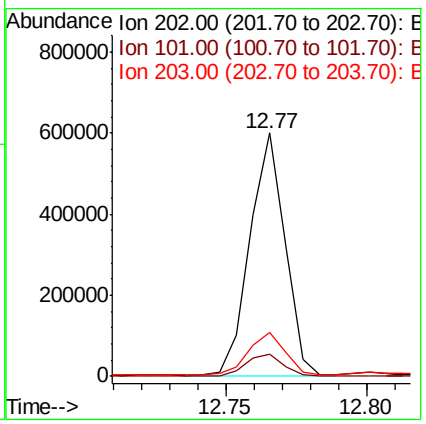


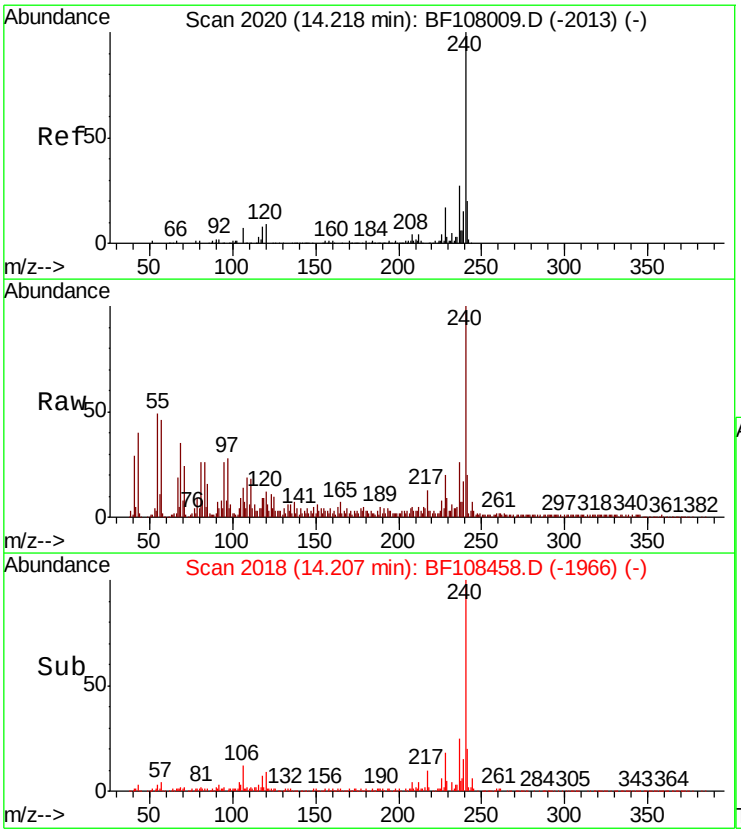
#74
Fluoranthene
Concen: 31.888 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 514741

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.9	0.0	38.1

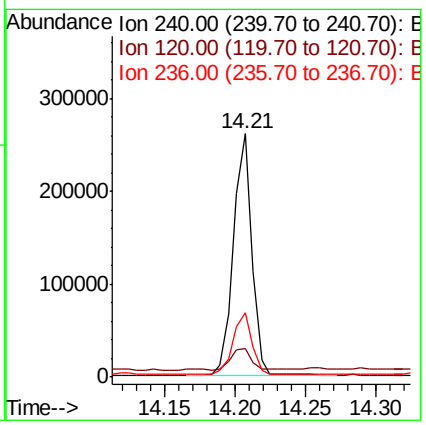


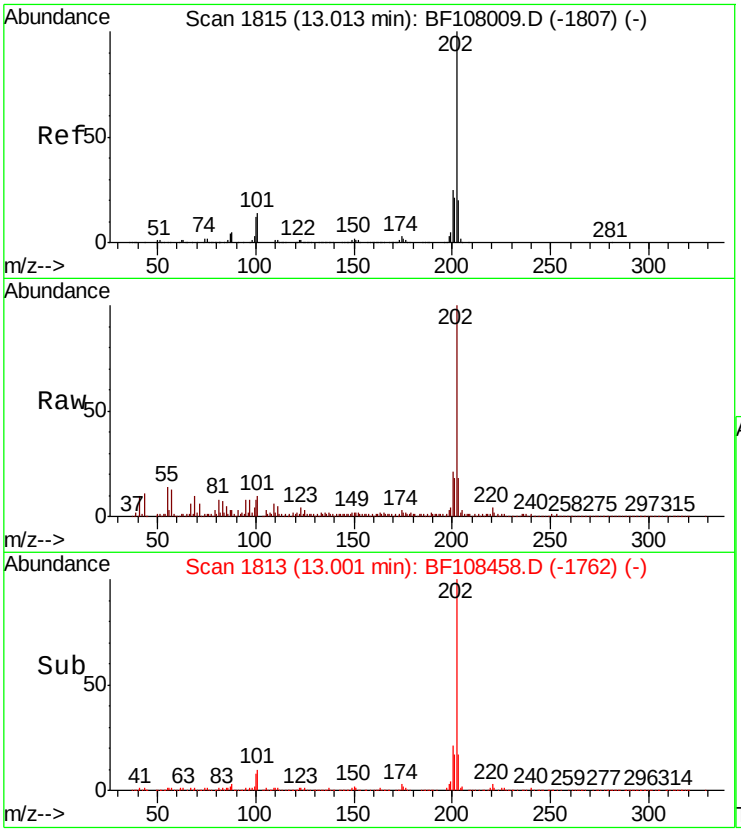


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:240 Resp: 235742

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.4	20.7	31.1



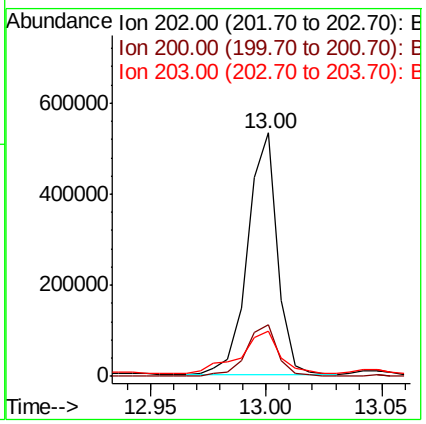


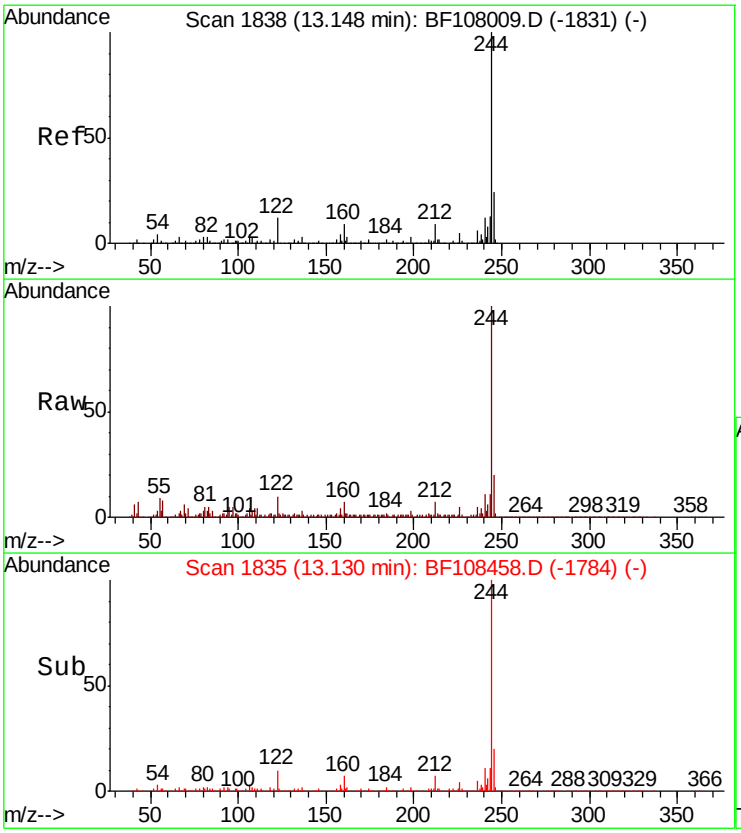
#77
Pyrene
Concen: 32.050 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 478346

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.4	14.3	21.5

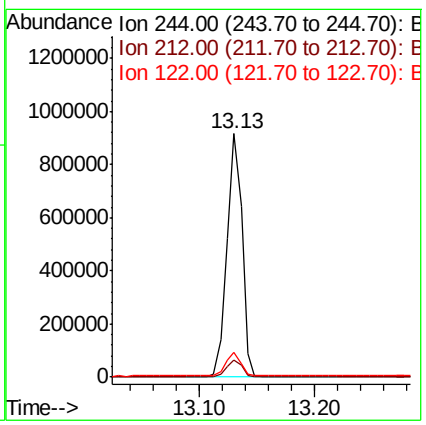


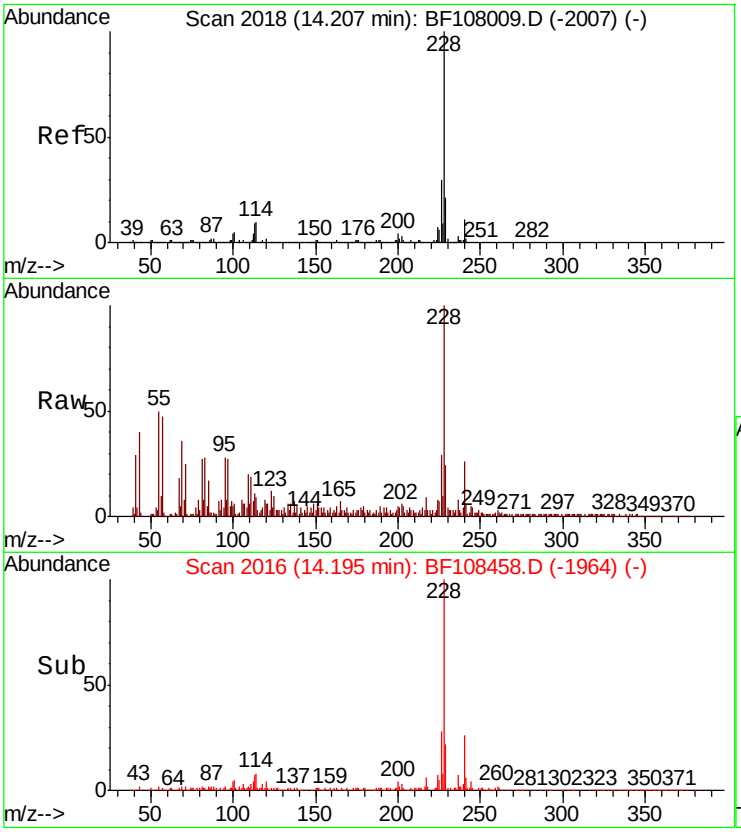


#78
Terphenyl-d14
Concen: 88.686 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:244 Resp: 822276

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.4	11.0	16.4#



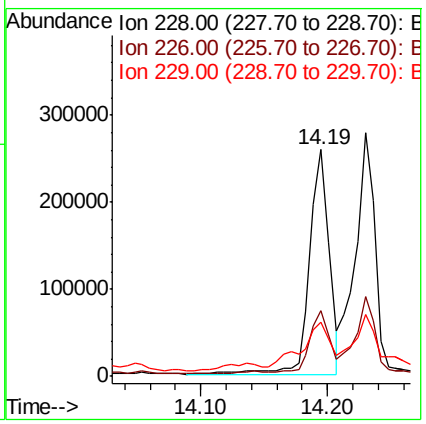


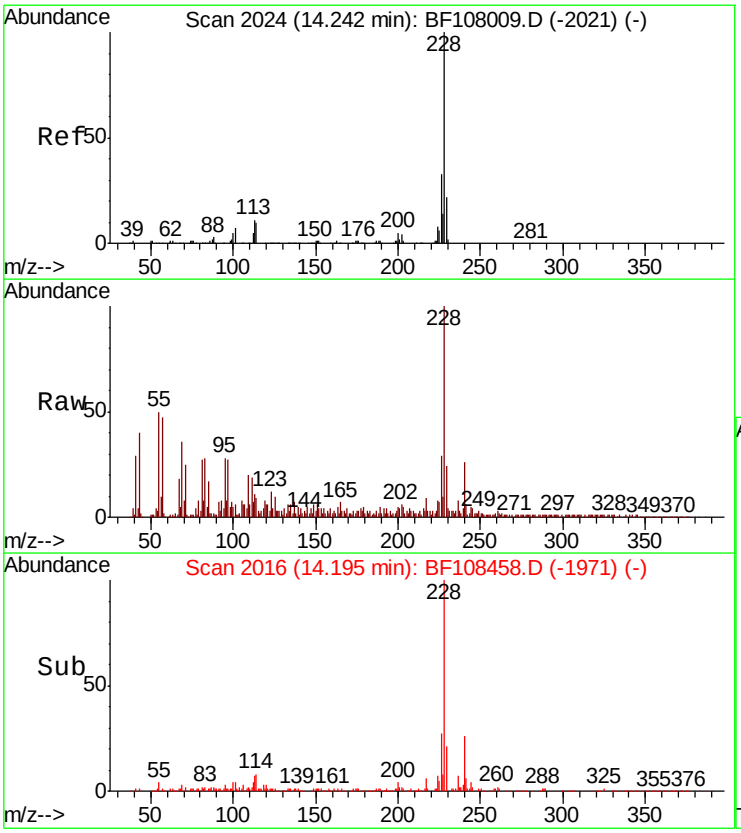
#80
Benzo(a)anthracene
Concen: 20.275 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 274307

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	24.2	15.8	23.6#

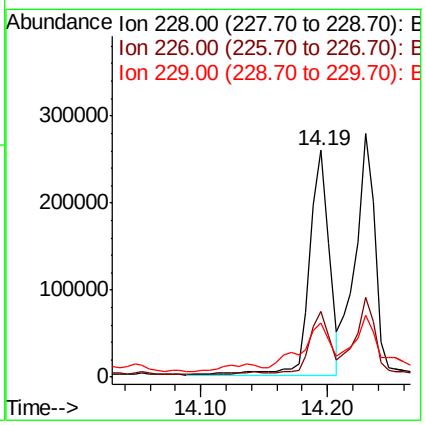


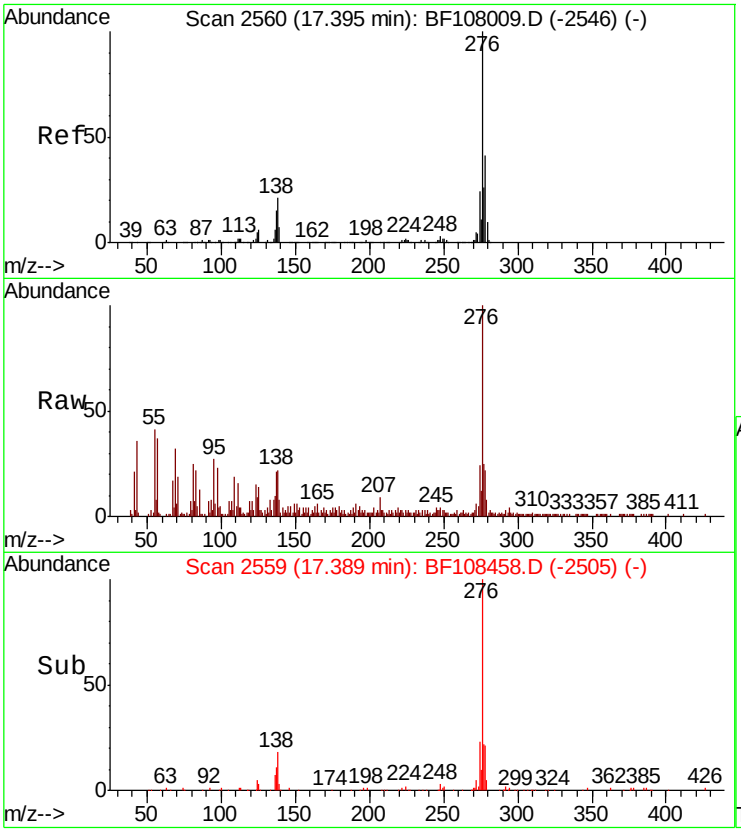


#82
Chrysene
Concen: 22.115 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:228 Resp: 274307

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	24.2	16.2	24.4



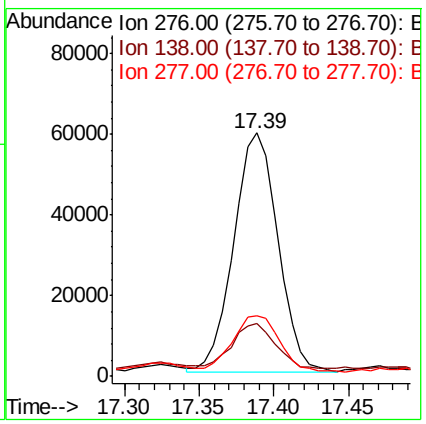


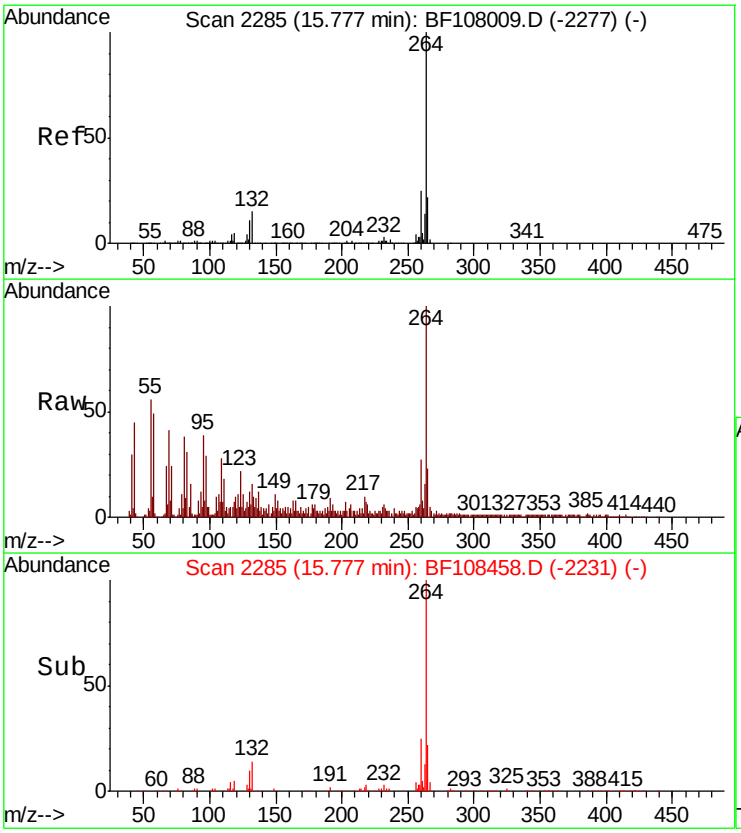
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.337 ng
RT: 17.39 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 121838

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

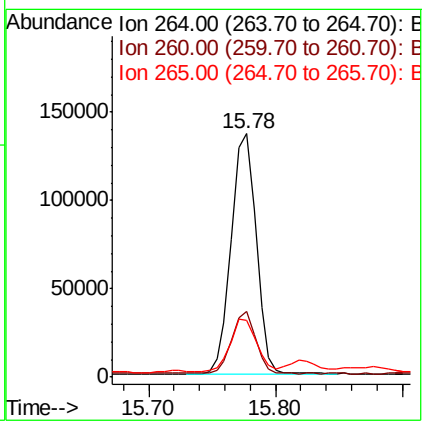


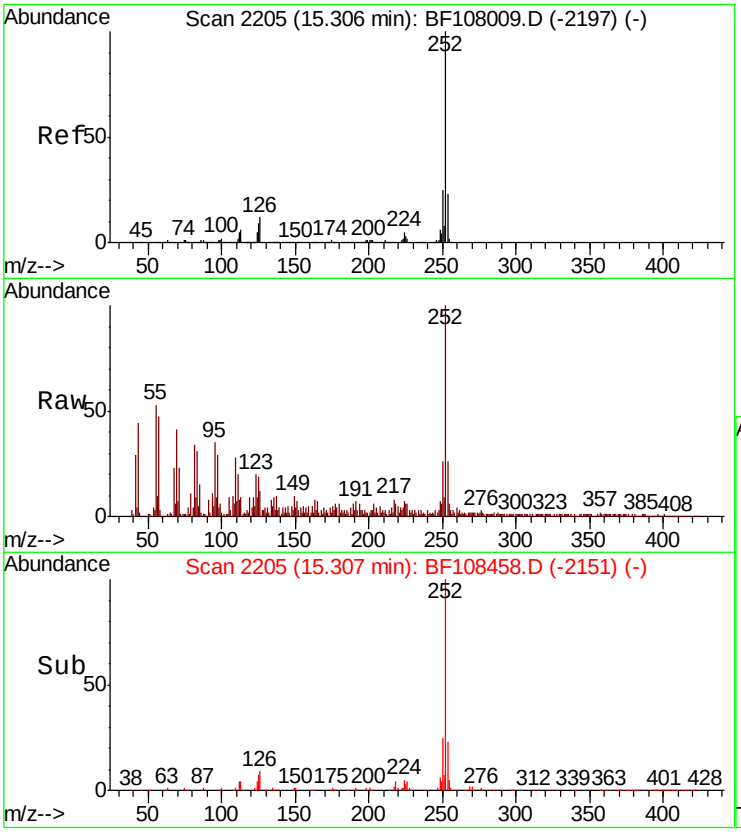


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:264 Resp: 187771

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.2	28.8
265	23.3	17.5	26.3



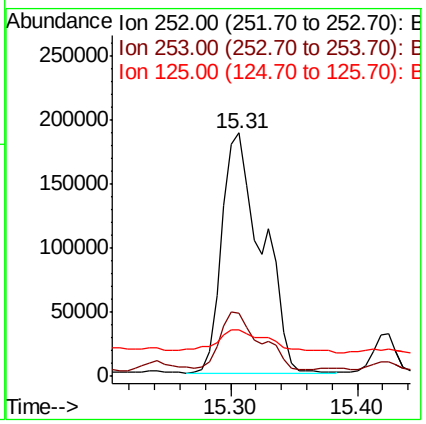


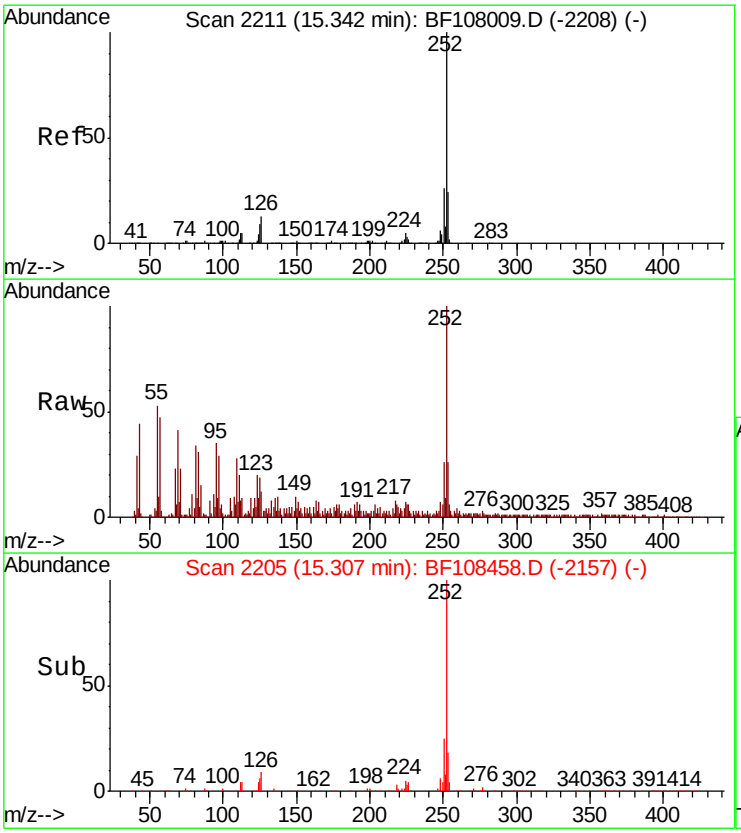
#87
Benzo(b)fluoranthene
Concen: 36.626 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 410942

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	19.0	9.0	13.6#

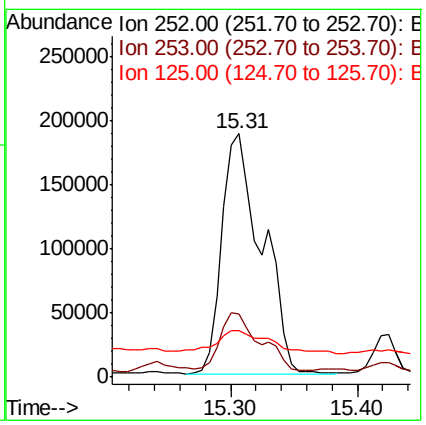


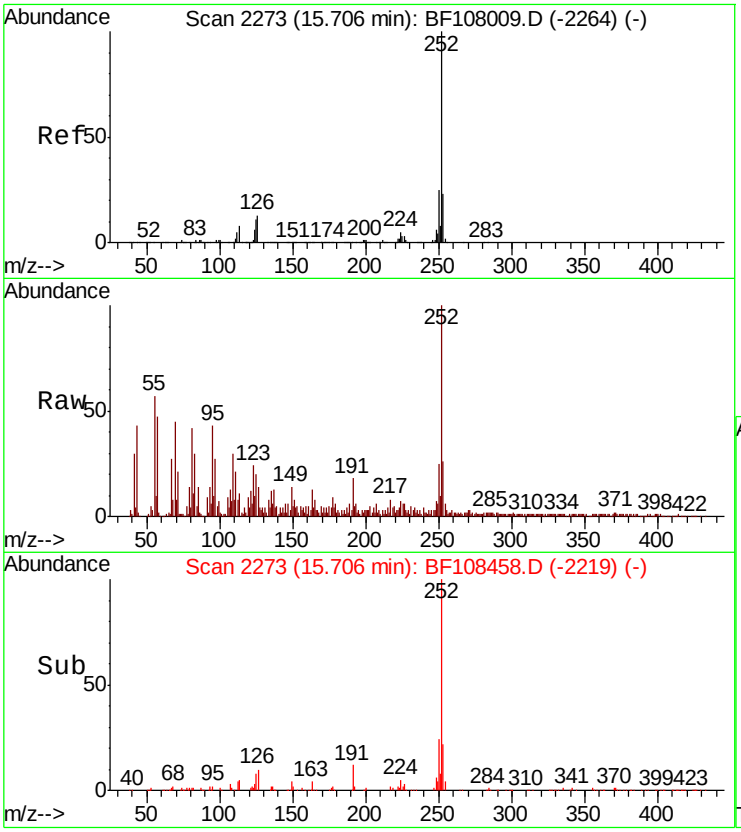


#88
Benzo(k)fluoranthene
Concen: 39.843 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:252 Resp: 410942

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	19.0	10.2	15.2#



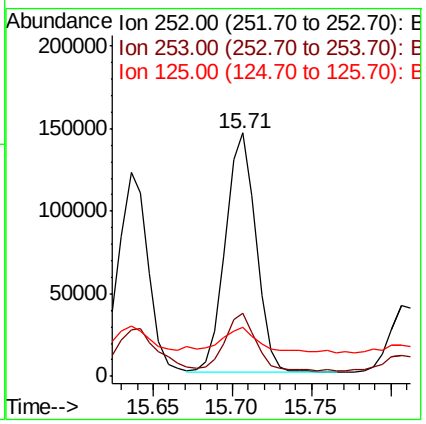


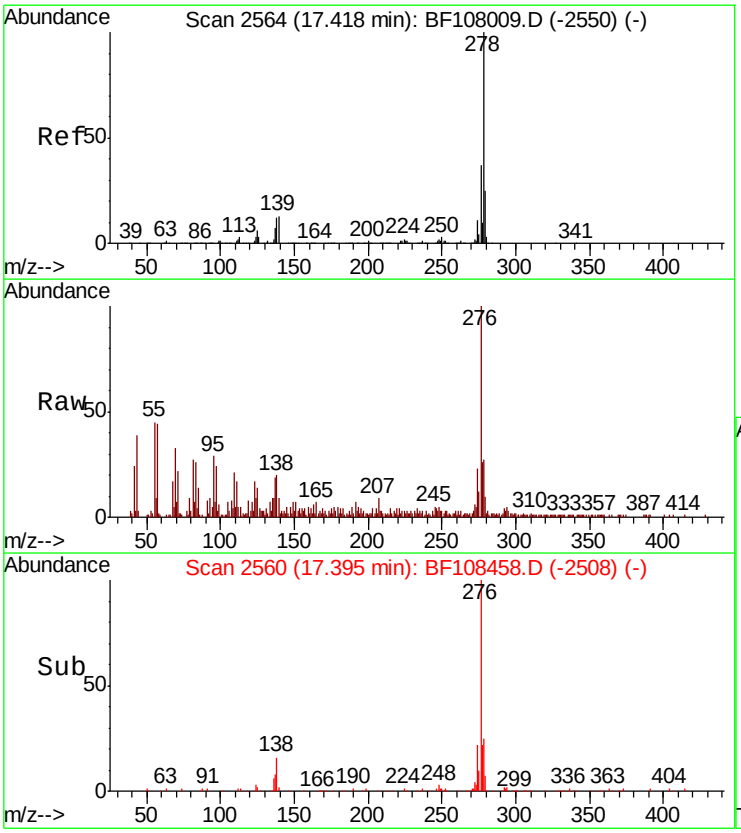
#89
Benzo(a)pyrene
Concen: 19.279 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 193702

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7#
125	20.3	9.8	14.6#

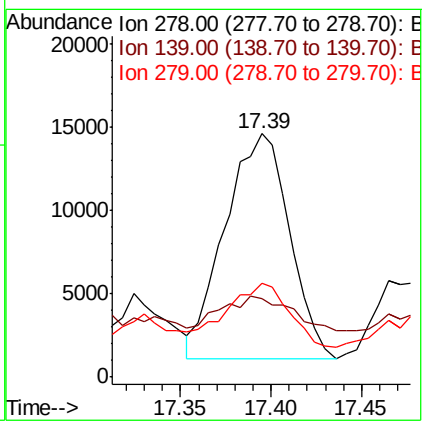


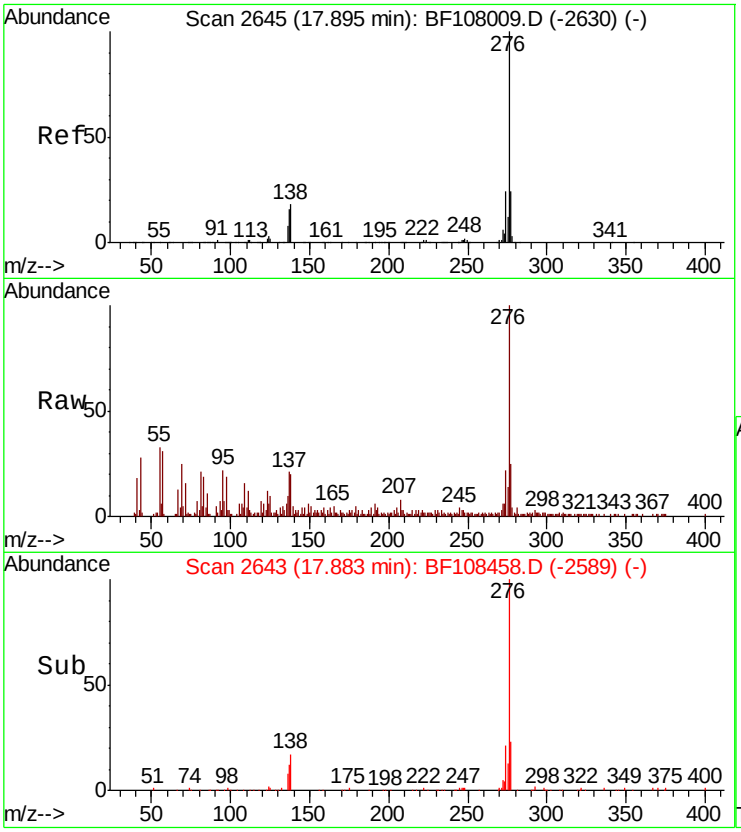


#90
Dibenzo(a,h)anthracene
Concen: 4.004 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Tgt Ion:278 Resp: 33284

Ion	Ratio	Lower	Upper
278	100		
139	32.0	15.9	23.9#
279	38.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 14.895 ng
RT: 17.88 min Scan# 2643
Delta R.T. 0.02 min
Lab File: BF108458.D
Acq: 24 Aug 2018 9:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 121926

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	20.0	21.8	32.8#