Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112208.D
Acq On : 24 Jan 2019 14:56
Operator : JU/SJ
Sample : K1003-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 15:28:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	215749	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	835177	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	412461	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	805123	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	549537	20.00	ng		-0.01
87) Perylene-d12	15.49	264	572446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1078133	90.70	ng		0.00
7) Phenol-d6	6.50	99	1359119	91.39	ng		0.00
23) Nitrobenzene-d5	7.41	82	853278	70.59	ng		-0.02
42) 2,4,6-Tribromophenol	10.68	330	435993	97.99	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1698224	60.36	ng		0.00
79) Terphenyl-d14	12.96	244	1634819	63.29	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2957	Below Cal		#	1
10) Phenol	6.51	94	70552	4.341	ng		79
19) n-Nitroso-di-n-propylamine	7.41	70	115758	12.777	ng	#	76
25) Isophorone	7.41	82	848496	36.339	ng	#	64
31) Naphthalene	8.15	128	143778	3.785	ng		97
32) Benzoic acid	7.93	122	722	7.328	ng	#	1
50) Dimethylphthalate	9.60	163	130704	4.345	ng		100
52) Acenaphthene	9.92	154	89513	3.714	ng		96
55) Dibenzofuran	10.09	168	145143	3.982	ng		98
56) 4-Nitrophenol	10.09	139	54458	16.196	ng	#	14
57) 2,4-Dinitrotoluene	9.89	165	56082	11.160	ng	#	32
58) Fluorene	10.43	166	189073	6.942	ng		97
65) 4,6-Dinitro-2-methylphenol	10.68	198	1146	10.339	ng	#	1
67) 4-Bromophenyl-phenylether	10.68	248	25470	2.724	ng	#	1
70) Pentachlorophenol	11.16	266	115	6.127	ng	#	18
71) Phenanthrene	11.40	178	990976	24.457	ng		98
72) Anthracene	11.45	178	321811	7.840	ng		98
73) Carbazole	11.60	167	144589	3.517	ng		99
75) Fluoranthene	12.59	202	752096	17.580	ng		98
78) Pyrene	12.82	202	571904	15.774	ng		98
81) Benzo(a)anthracene	14.00	228	245170	7.781	ng		98
83) Chrysene	14.04	228	216819	7.272	ng		96
86) Indeno(1,2,3-cd)pyrene	16.97	276	118642	4.313	ng		95
88) Benzo(b)fluoranthene	15.06	252	356735	10.978	ng		99
89) Benzo(k)fluoranthene	15.06	252	356735	11.343	ng		99
90) Benzo(a)pyrene	15.43	252	197323	6.622	ng		99
92) Benzo(g,h,i)perylene	17.42	276	117936	4.523	ng		97

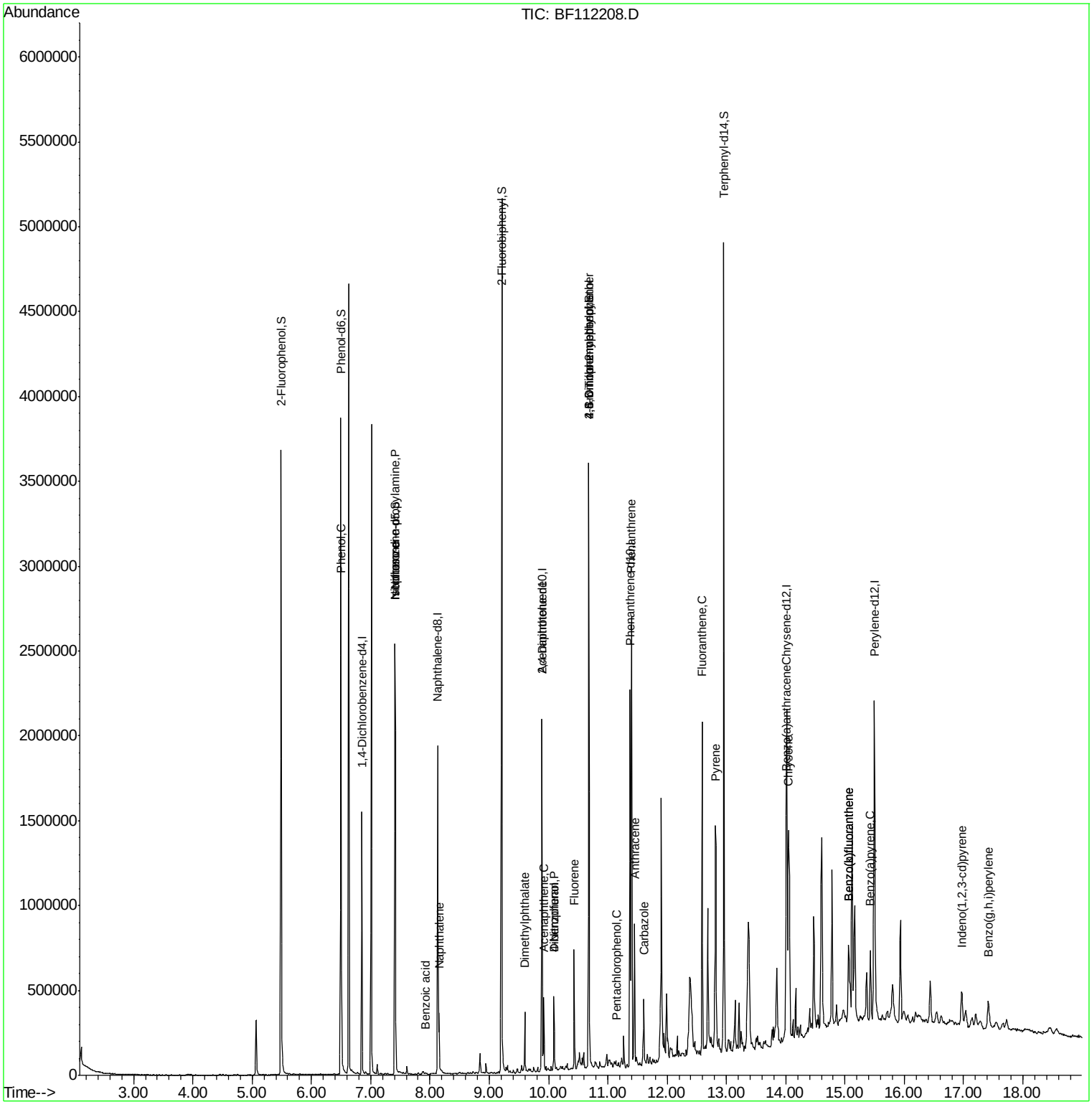
(#) = qualifier out of range (m) = manual integration (+) = signals summed

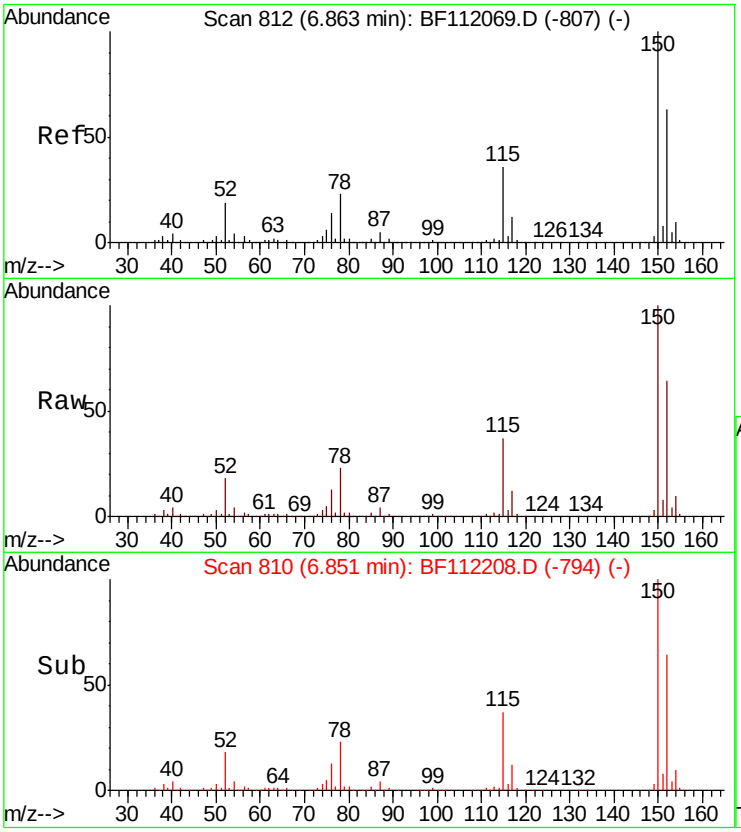
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112208.D
Acq On : 24 Jan 2019 14:56
Operator : JU/SJ
Sample : K1003-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 24 15:28:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



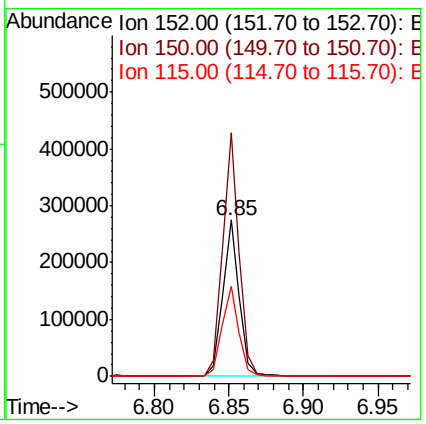


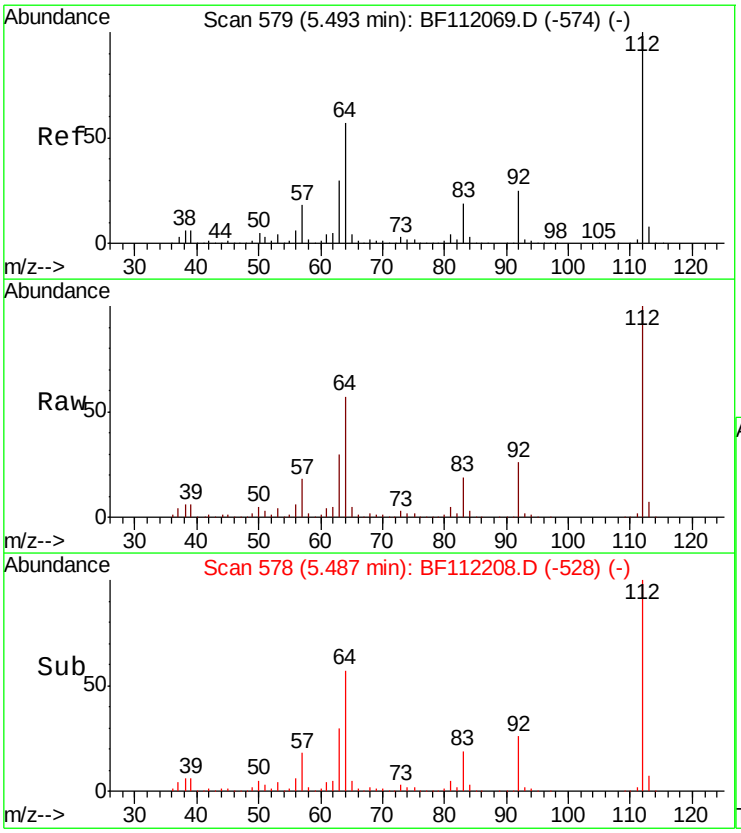
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 215749

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.4	191.0
115	57.7	45.5	68.3

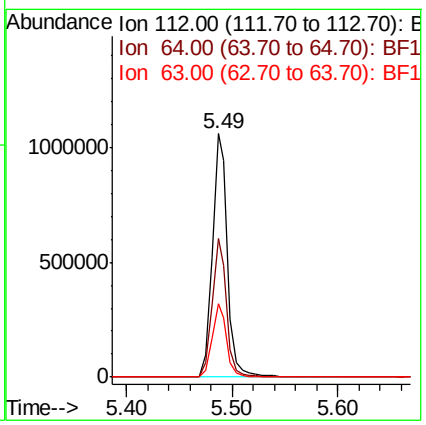


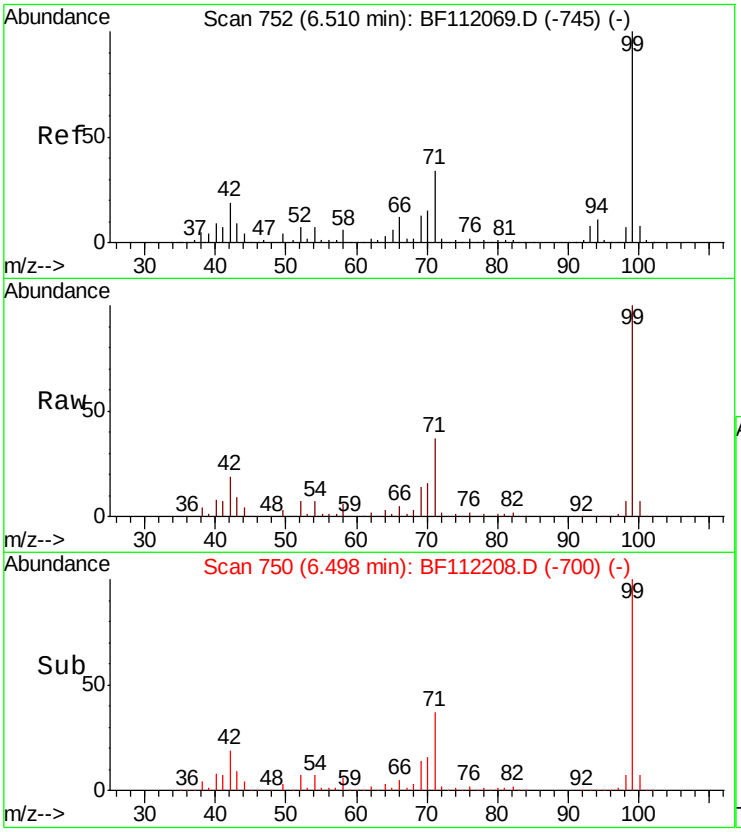


#5
2-Fluorophenol
Concen: 90.700 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:112 Resp: 1078133

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.7	68.5
63	30.3	23.6	35.4



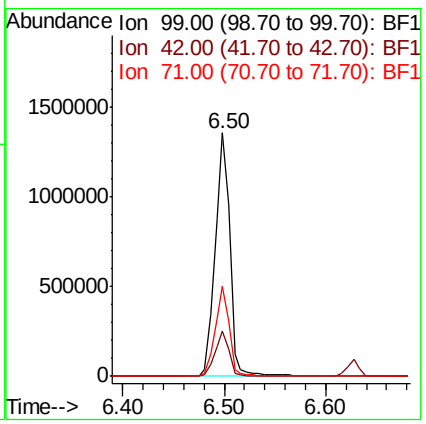


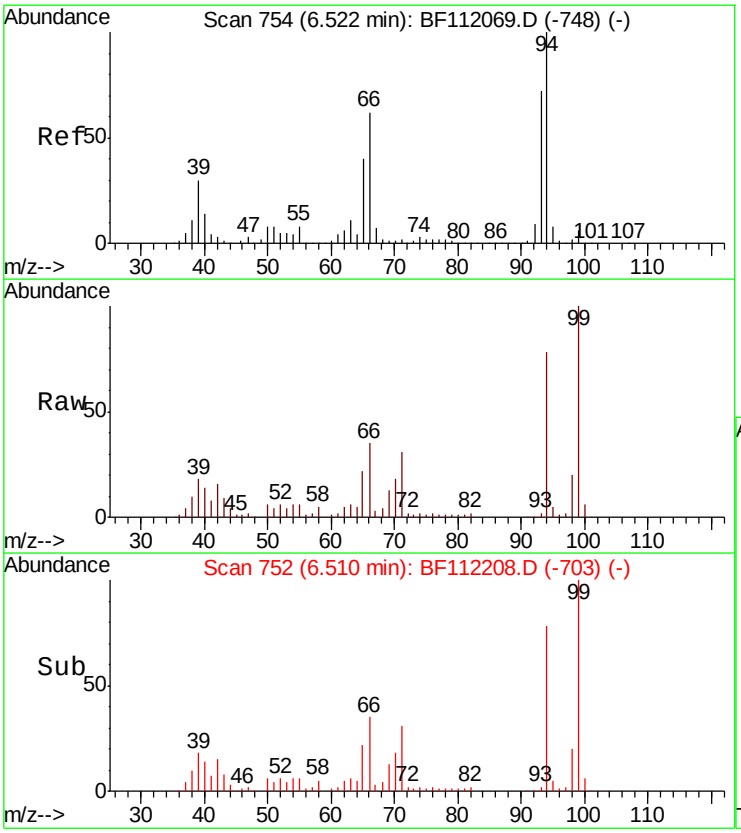
#7
Phenol-d6
Concen: 91.387 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1359119

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	37.1	26.9	40.3

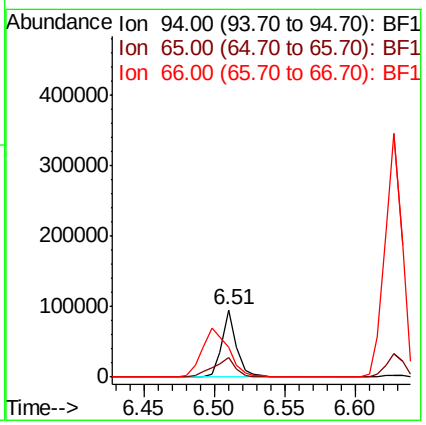


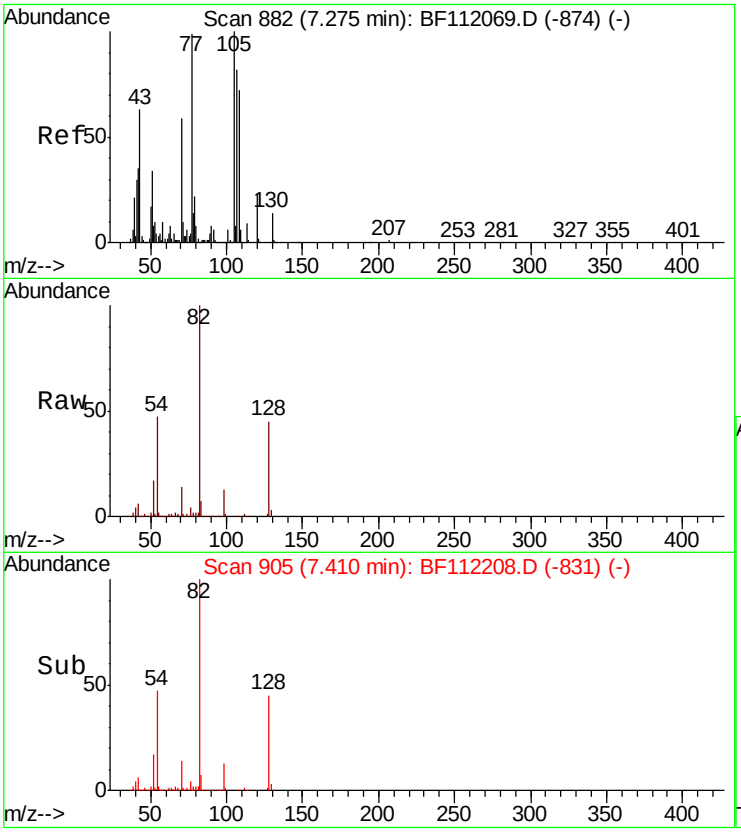


#10
Phenol
Concen: 4.341 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion: 94 Resp: 70552

Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.3	60.3
66	44.5	42.4	82.4



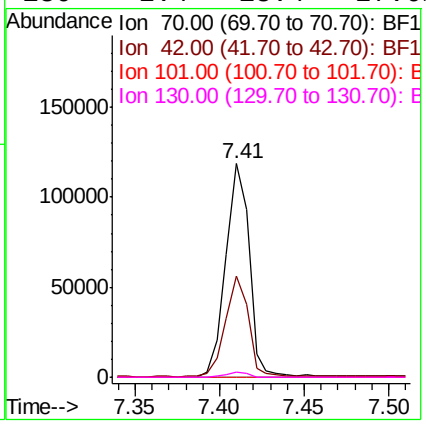


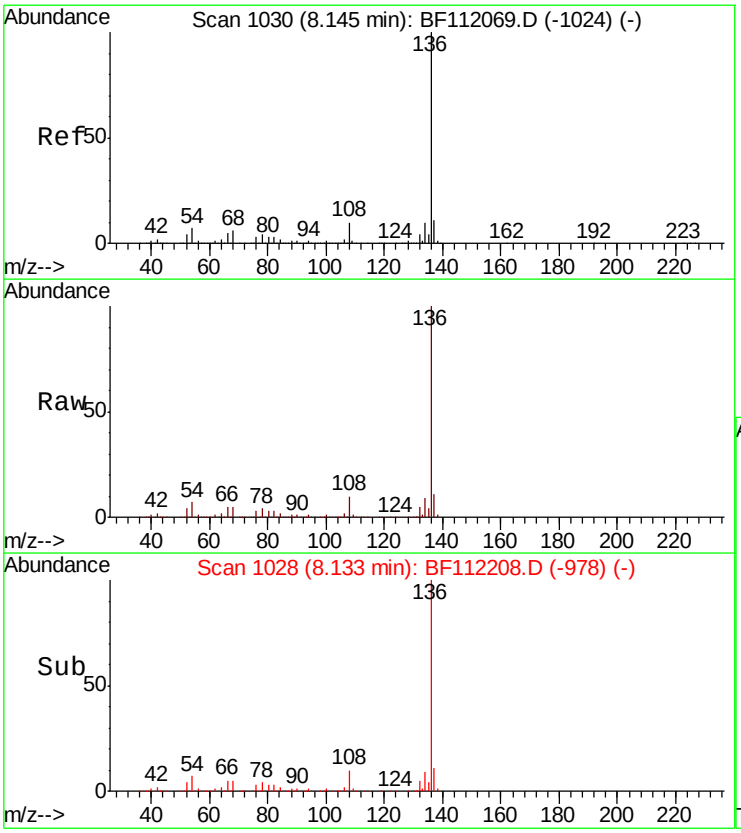
#19
n-Nitroso-di-n-propylamine
Concen: 12.777 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 115758

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#

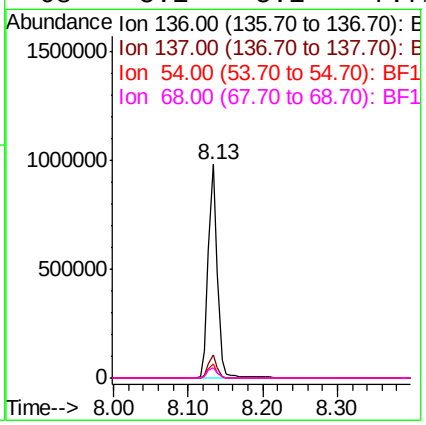


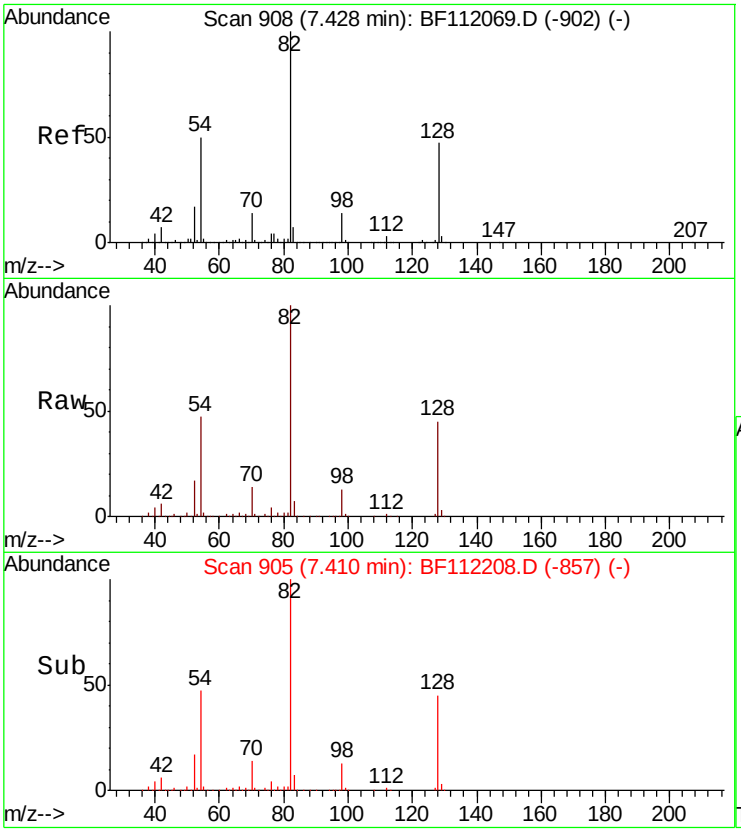


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:136 Resp: 835177

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	5.9	8.9
68	5.1	5.1	7.7#



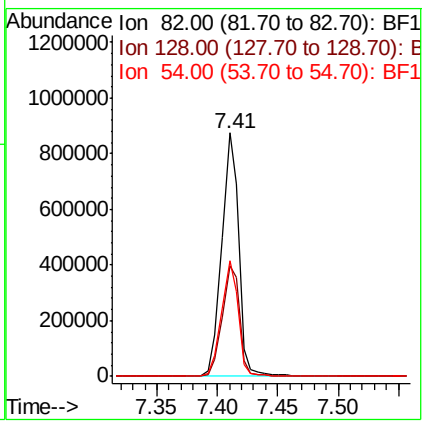


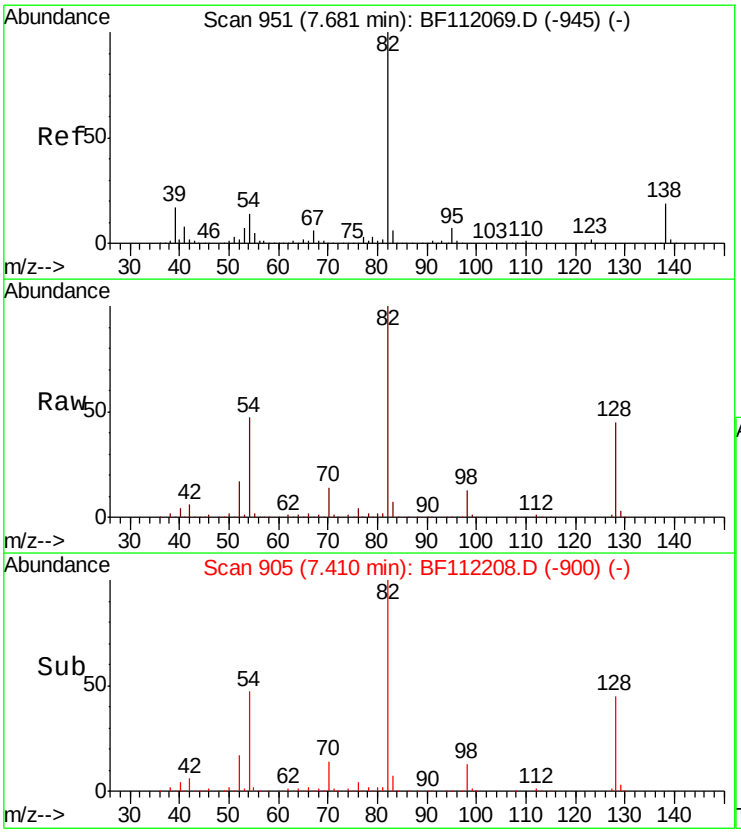
#23
Nitrobenzene-d5
Concen: 70.586 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 853278

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.8	56.8
54	47.4	39.7	59.5

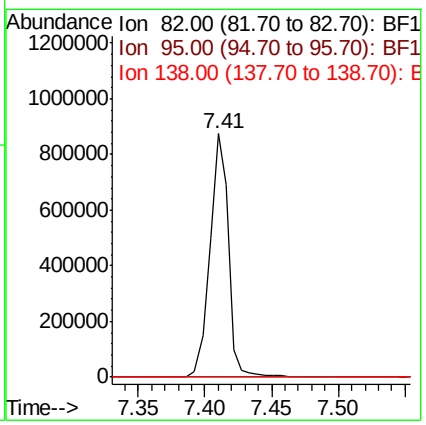


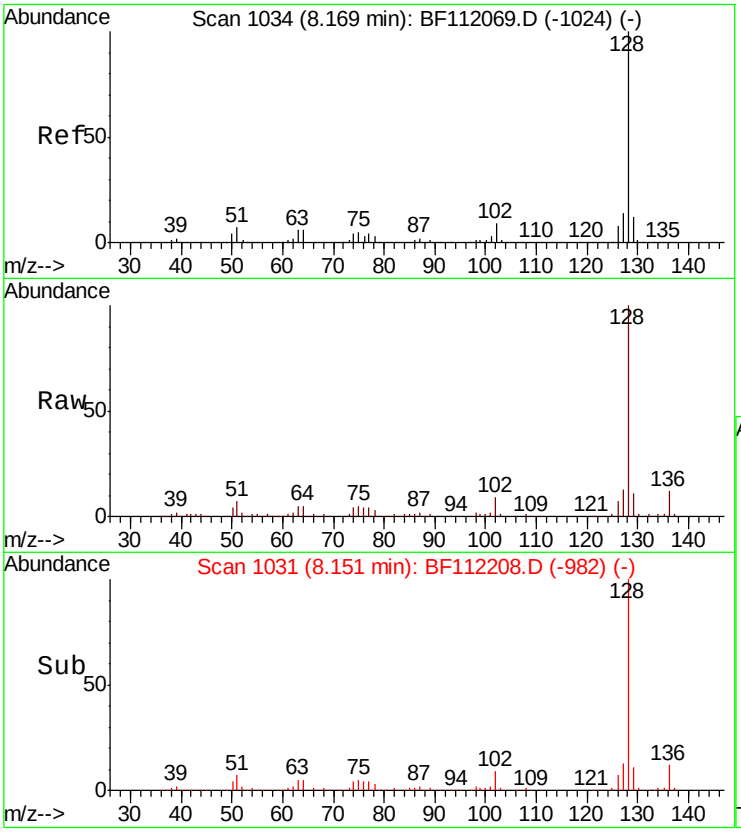


#25
Isophorone
Concen: 36.339 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion: 82 Resp: 848496

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



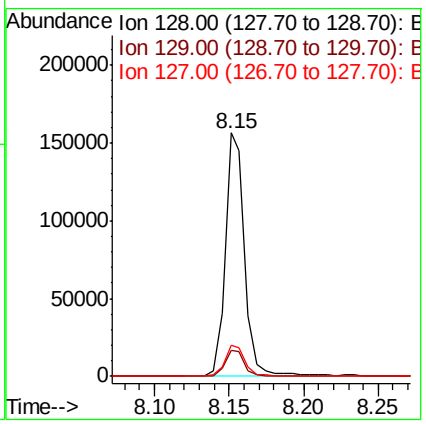


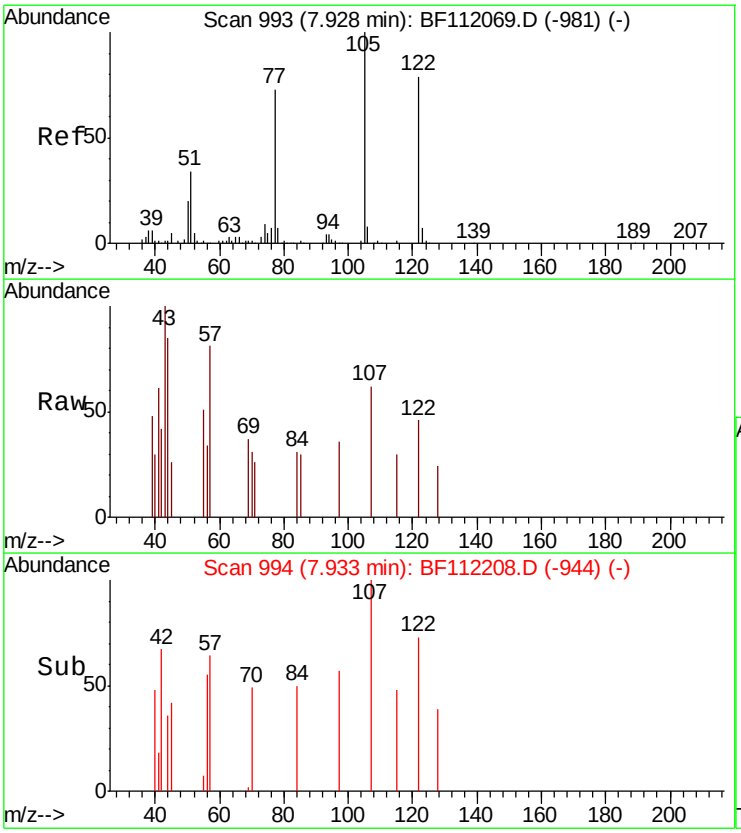
#31
Naphthalene
Concen: 3.785 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 143778

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.6	14.4
127	13.0	11.1	16.7

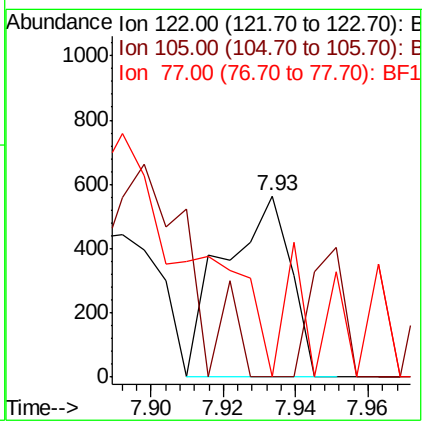


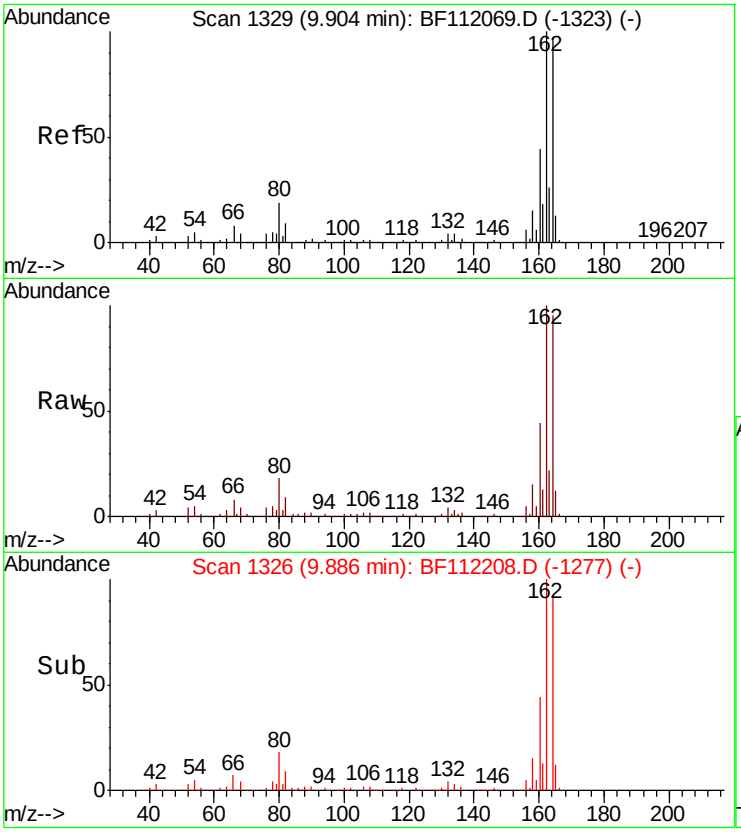


#32
Benzoic acid
Concen: 7.328 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:122 Resp: 722

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	0.0	70.4	110.4#



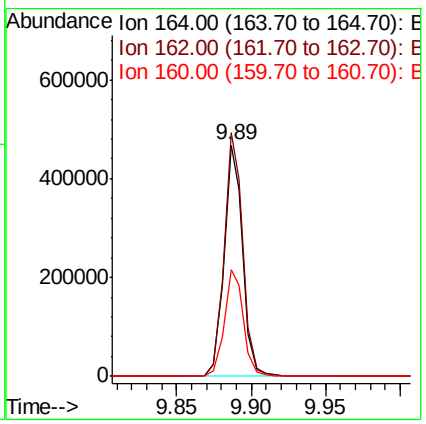


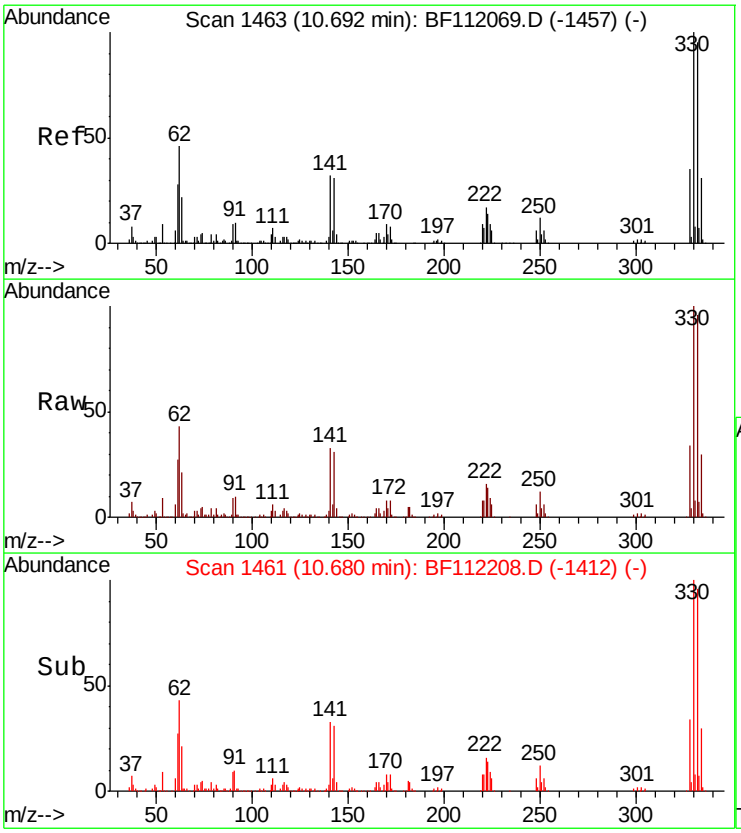
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 412461

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	46.3	36.2	54.4

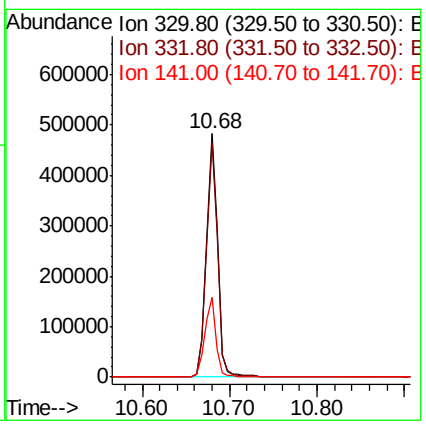


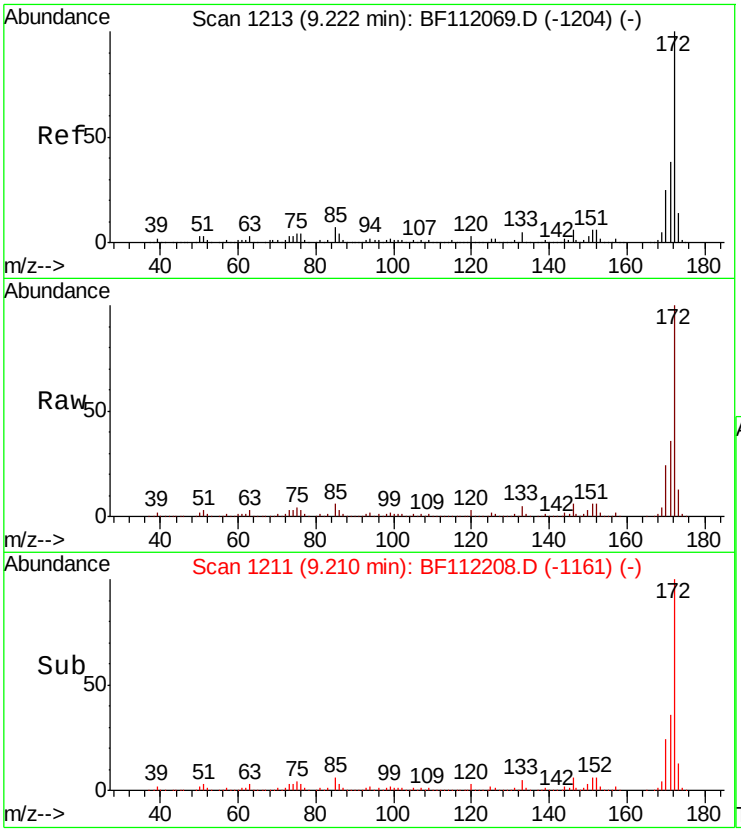


#42
2,4,6-Tribromophenol
Concen: 97.986 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:330 Resp: 435993

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.5	24.3	36.5



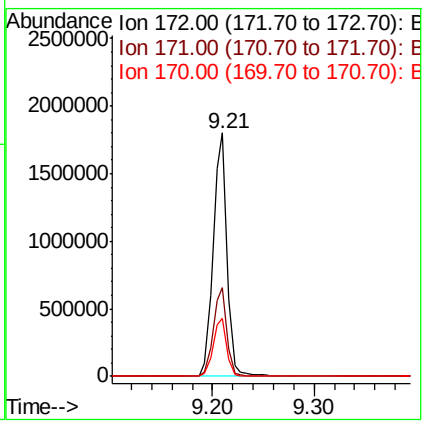


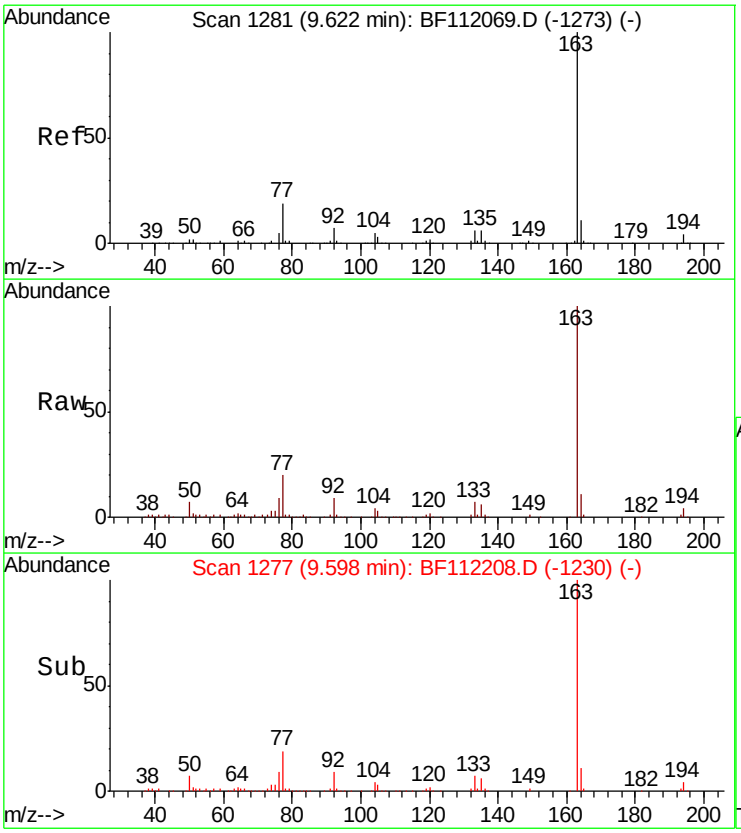
#45
2-Fluorobiphenyl
Concen: 60.364 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1698224

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.0	20.2	30.4

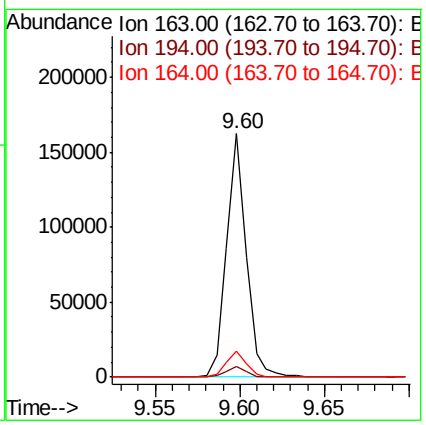


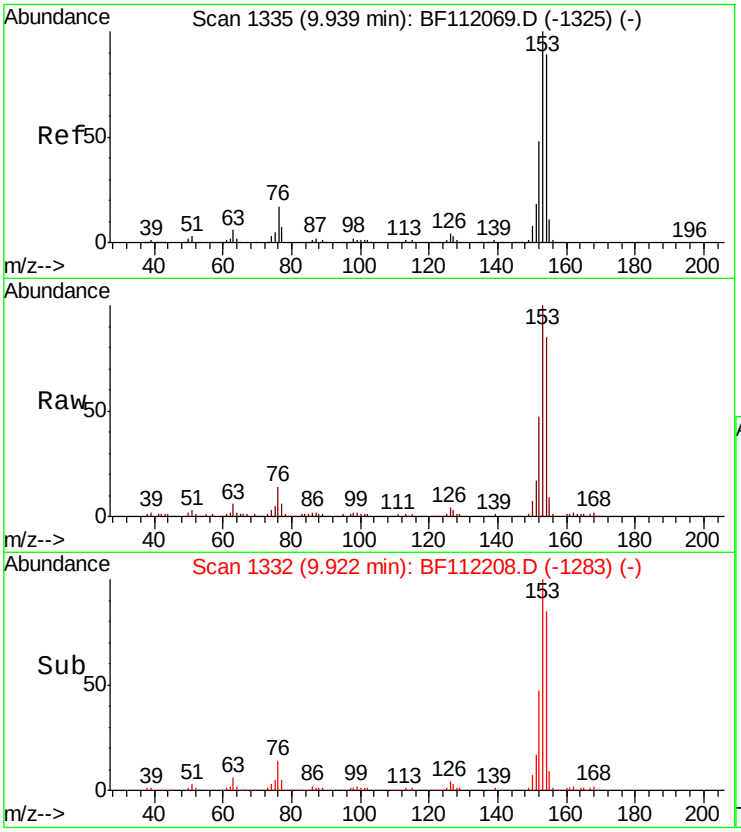


#50
Dimethylphthalate
Concen: 4.345 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:163 Resp: 130704

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.5	8.5	12.7



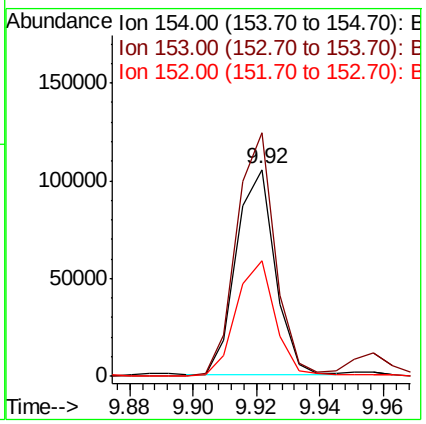


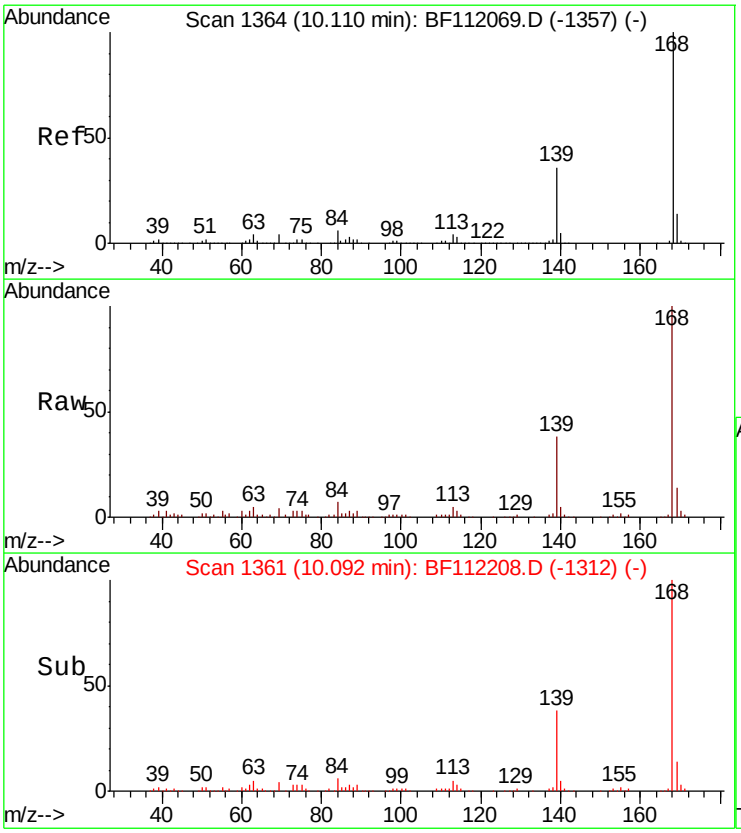
#52
Acenaphthene
Concen: 3.714 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 89513

Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.8	134.6
152	55.8	43.5	65.3

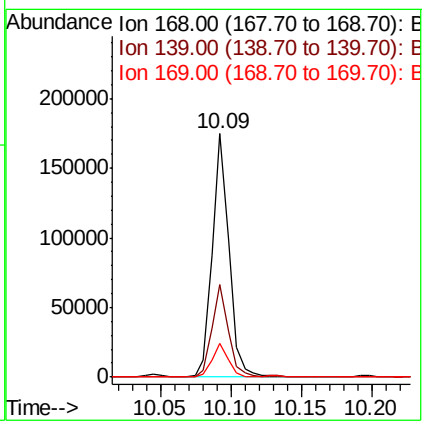


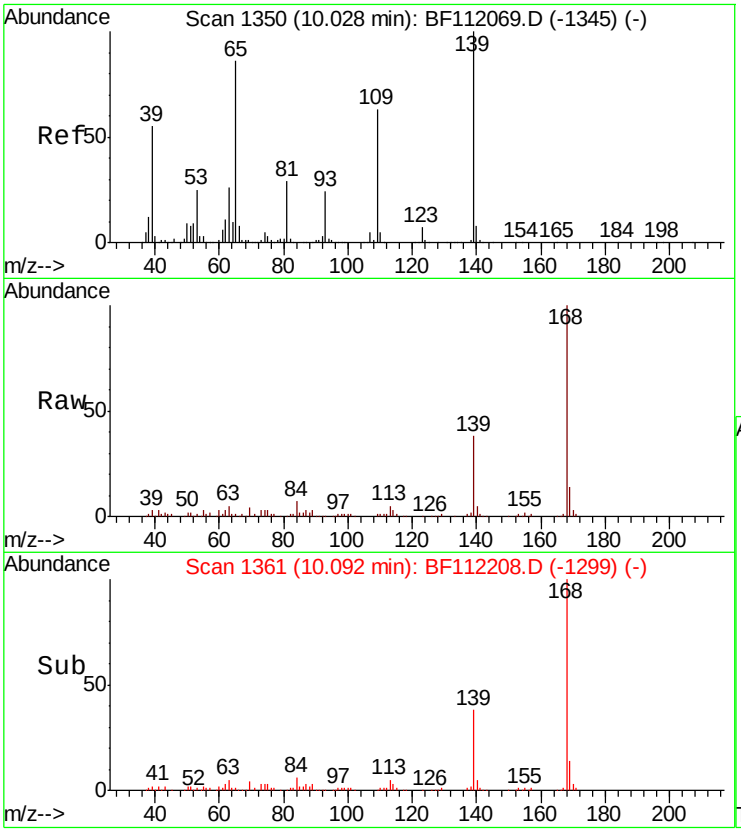


#55
Dibenzofuran
Concen: 3.982 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:168 Resp: 145143

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.2	43.8
169	14.1	11.4	17.0



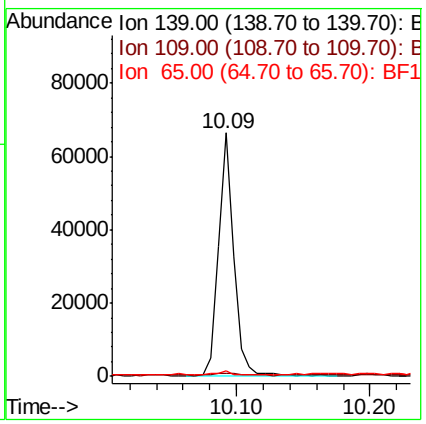


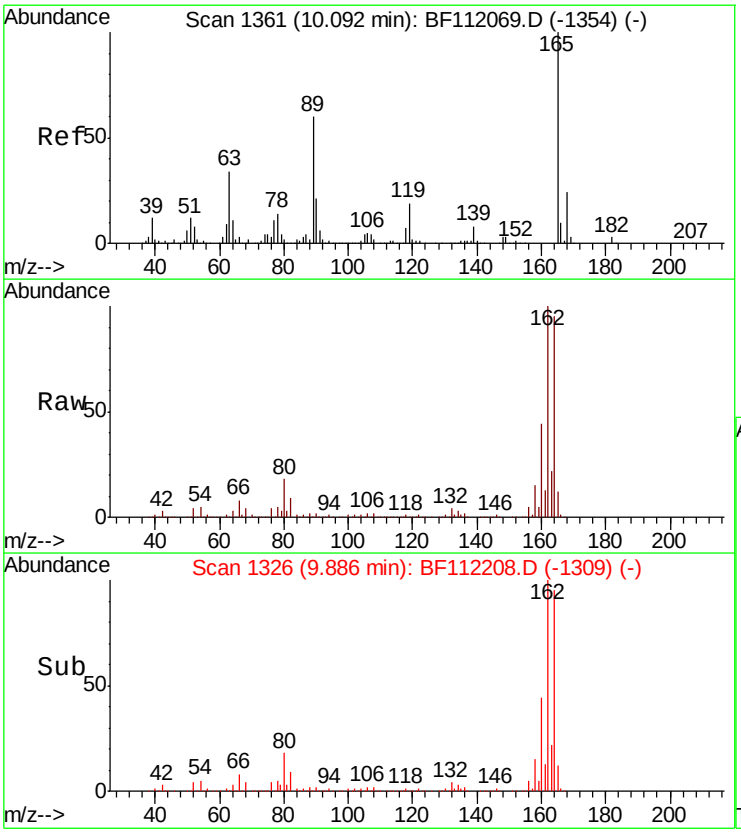
#56
4-Nitrophenol
Concen: 16.196 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 54458

Ion	Ratio	Lower	Upper
139	100		
109	1.4	42.8	82.8#
65	2.3	66.1	106.1#

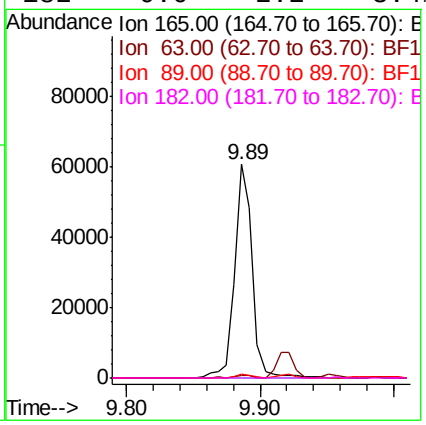


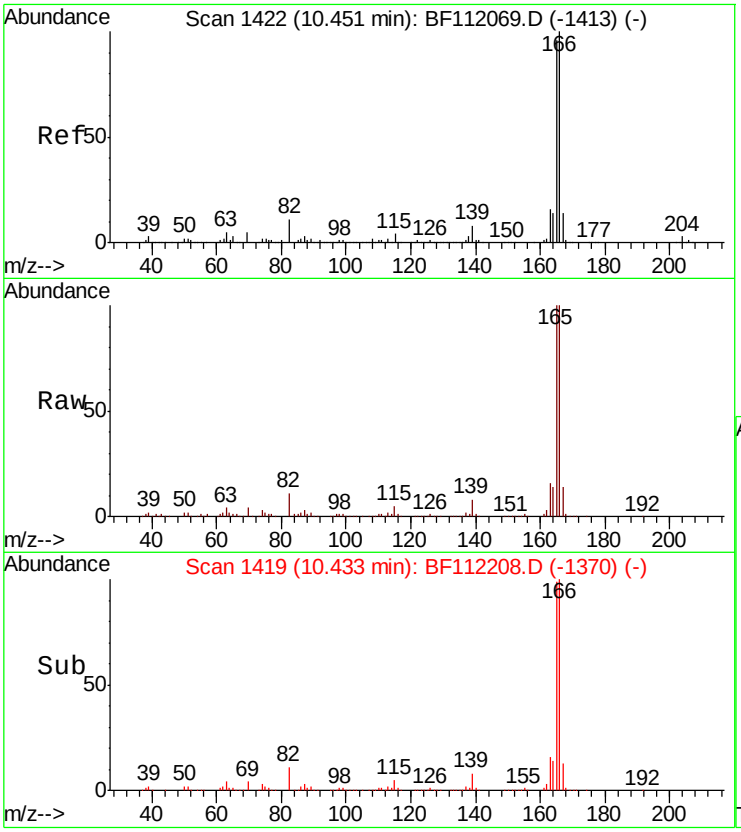


#57
2,4-Dinitrotoluene
Concen: 11.160 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:165 Resp: 56082

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



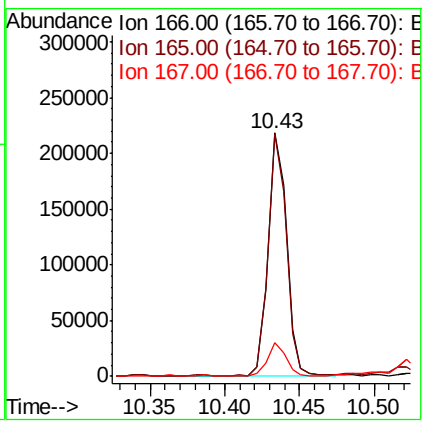


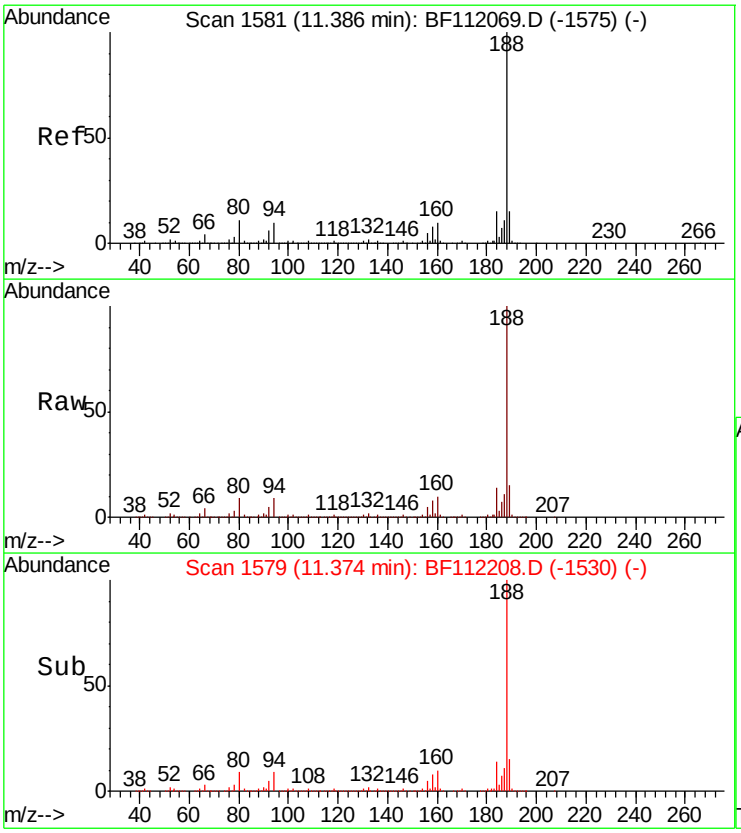
#58
Fluorene
Concen: 6.942 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 189073

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.1	115.7
167	13.6	11.3	16.9

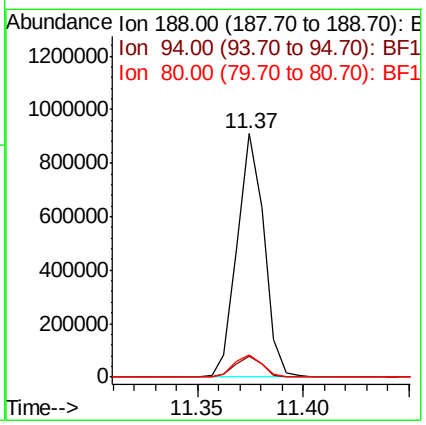


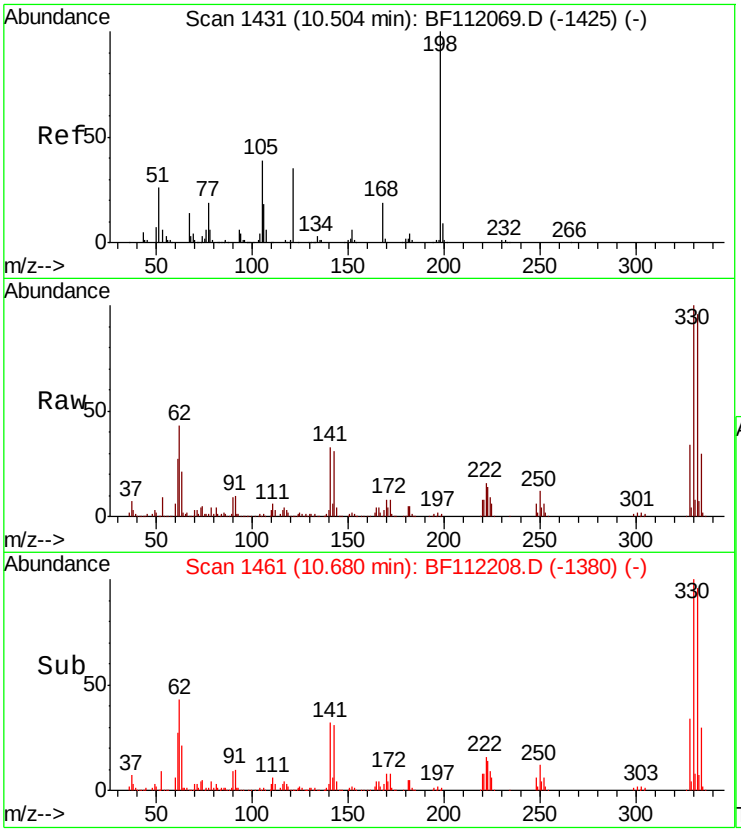


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:188 Resp: 805123

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.3	8.9	13.3



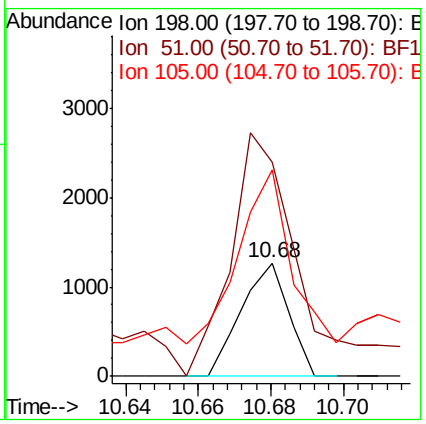


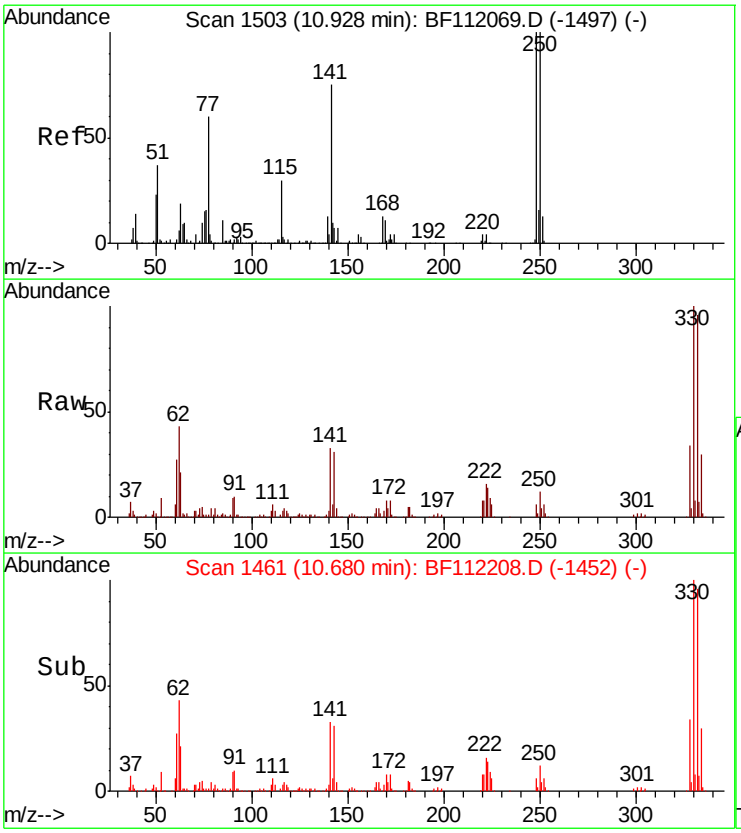
#65
4,6-Dinitro-2-methylphenol
Concen: 10.339 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1146

Ion	Ratio	Lower	Upper
198	100		
51	188.9	17.2	57.2#
105	181.9	21.9	61.9#

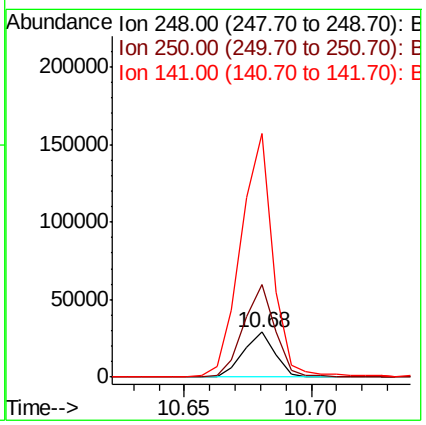


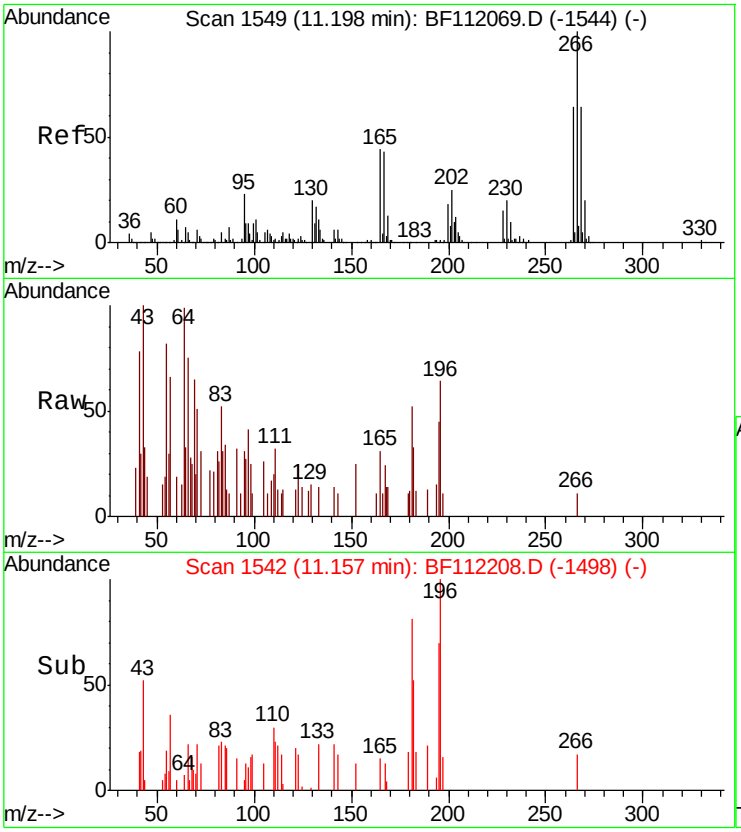


#67
4-Bromophenyl-phenylether
Concen: 2.724 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:248 Resp: 25470

Ion	Ratio	Lower	Upper
248	100		
250	204.0	79.7	119.5#
141	539.0	60.3	90.5#



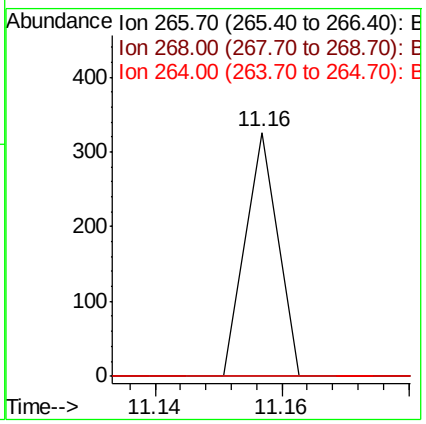


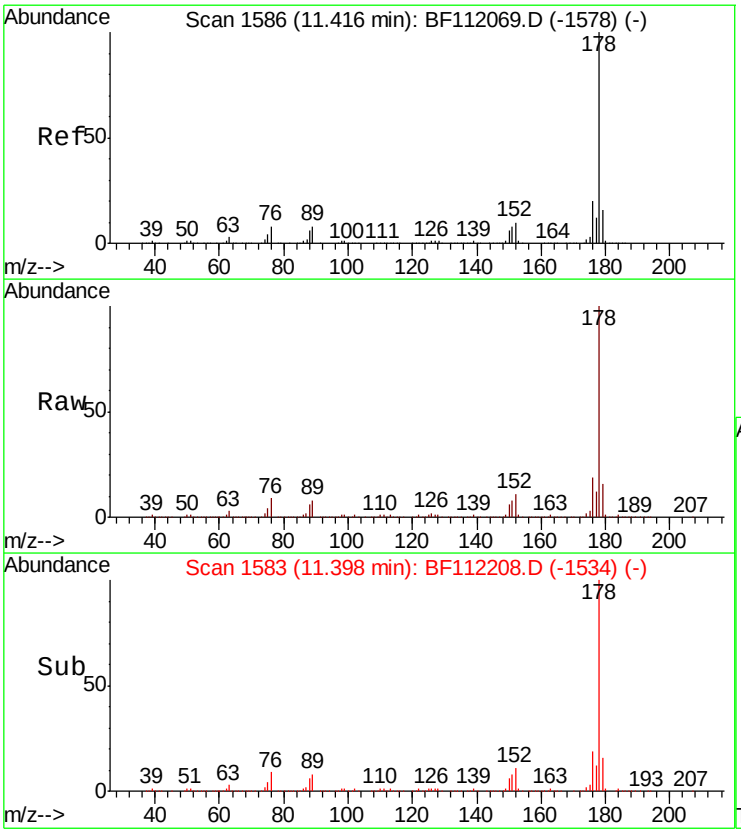
#70
Pentachlorophenol
Concen: 6.127 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.04 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 115

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.2	76.8#
264	0.0	50.9	76.3#

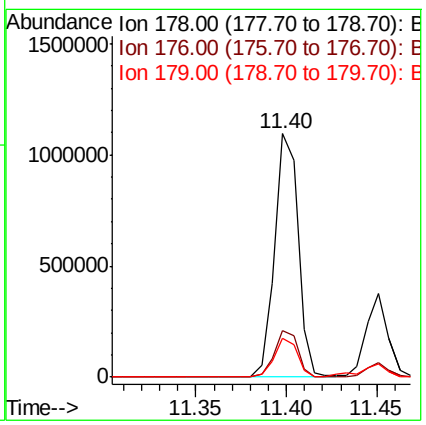


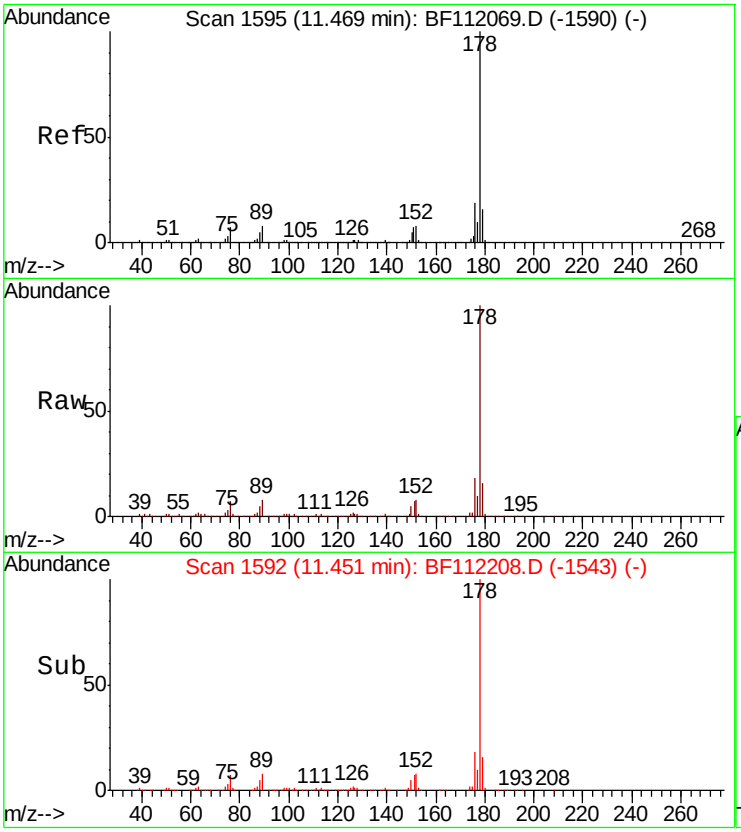


#71
Phenanthrene
Concen: 24.457 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:178 Resp: 990976

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	16.0	13.0	19.4



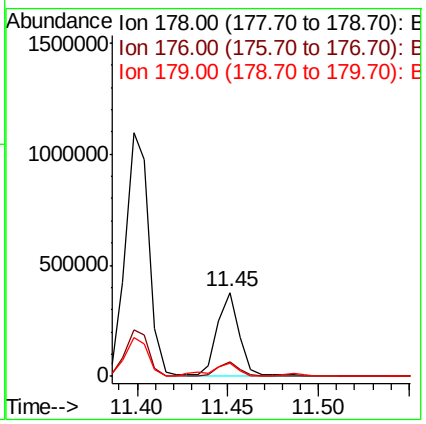


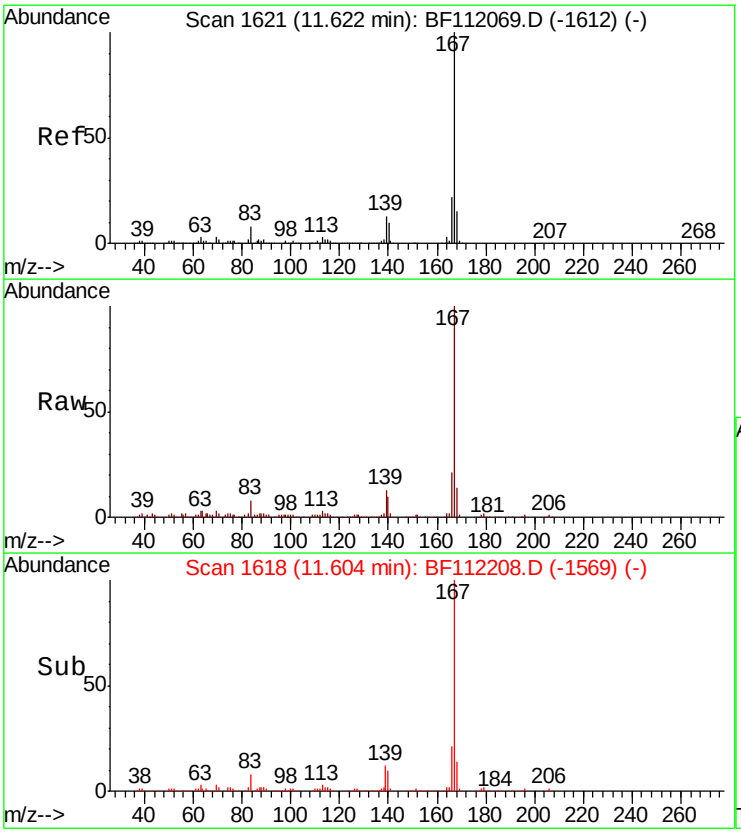
#72
Anthracene
Concen: 7.840 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 321811

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	15.8	12.8	19.2

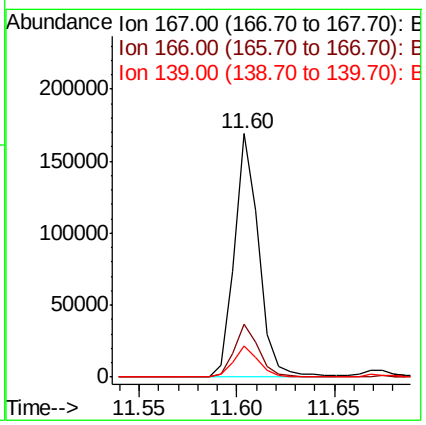


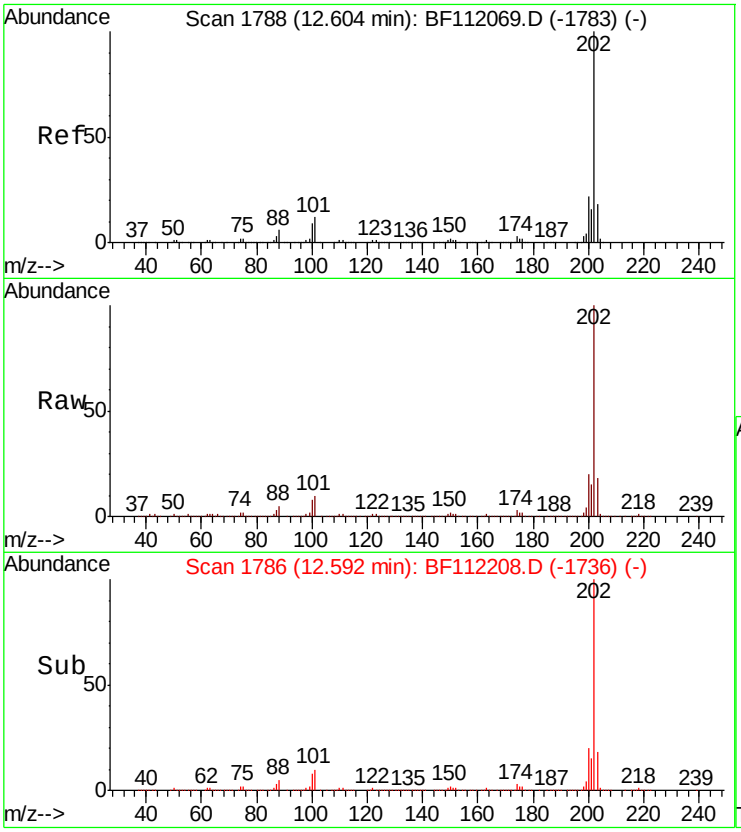


#73
Carbazole
Concen: 3.517 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:167 Resp: 144589

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.9	26.9
139	12.6	10.2	15.2



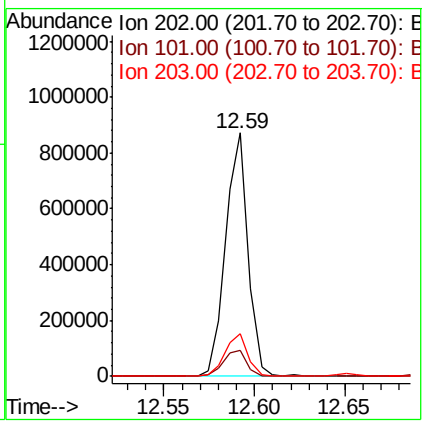


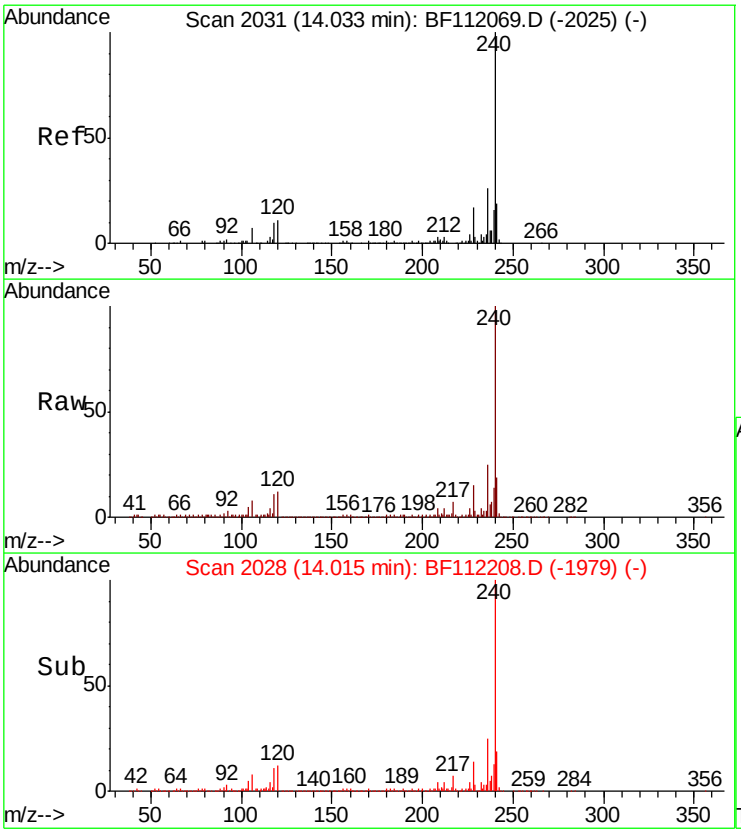
#75
Fluoranthene
Concen: 17.580 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 752096

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	17.8	0.0	38.4

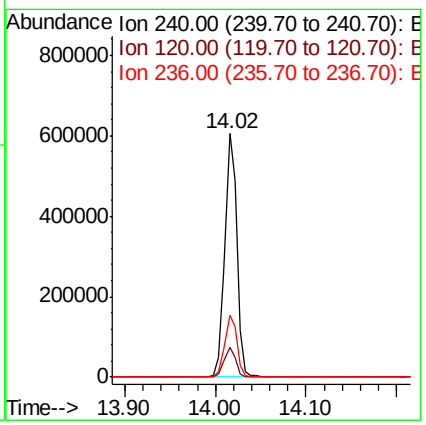


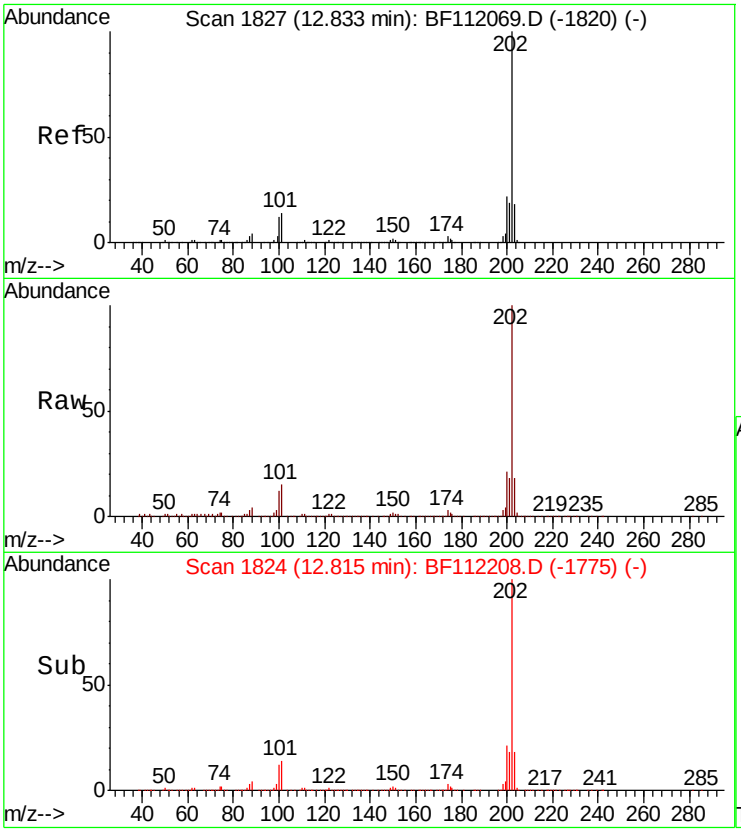


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:240 Resp: 549537

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.4	20.7	31.1



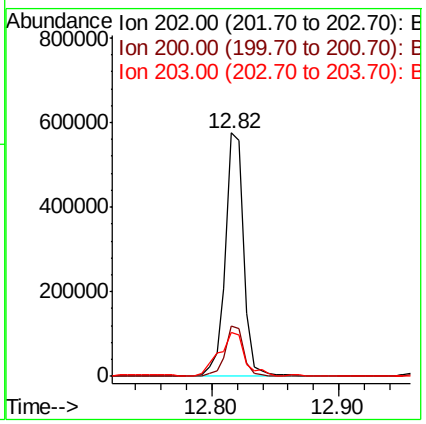


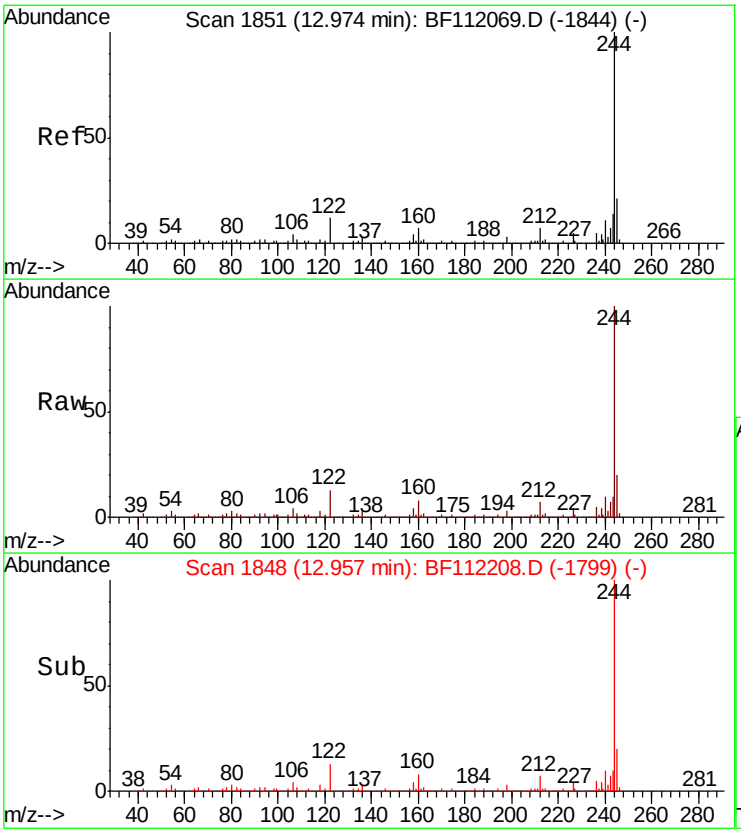
#78
Pyrene
Concen: 15.774 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 571904

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	18.1	14.6	22.0

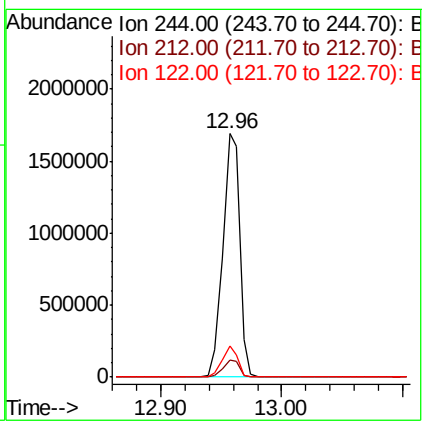


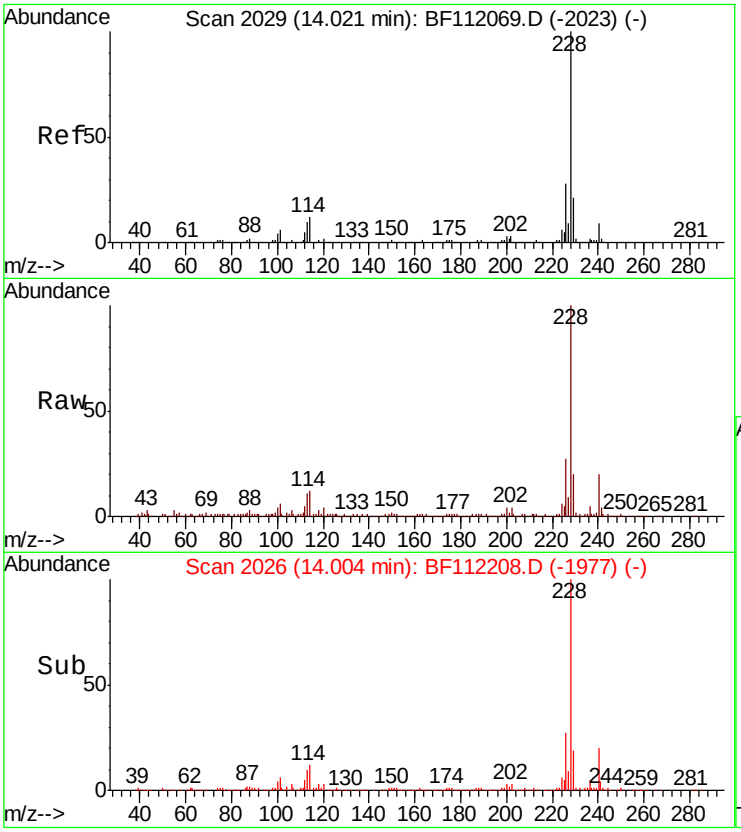


#79
Terphenyl-d14
Concen: 63.287 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:244 Resp: 1634819

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.7	9.8	14.6



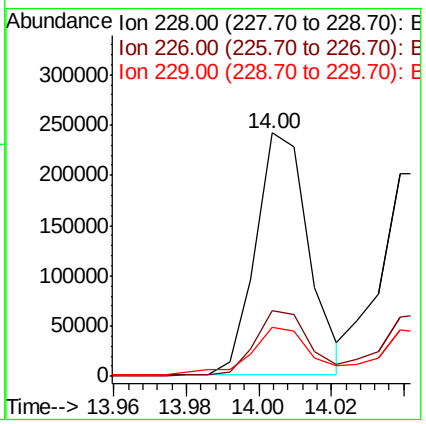


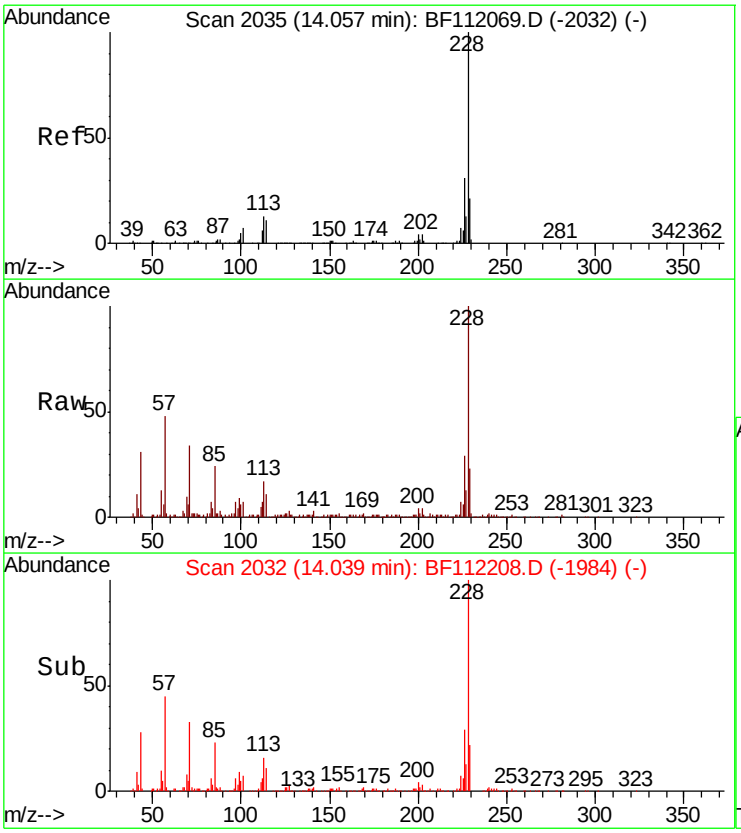
#81
Benzo(a)anthracene
Concen: 7.781 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 245170

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.9	16.5	24.7

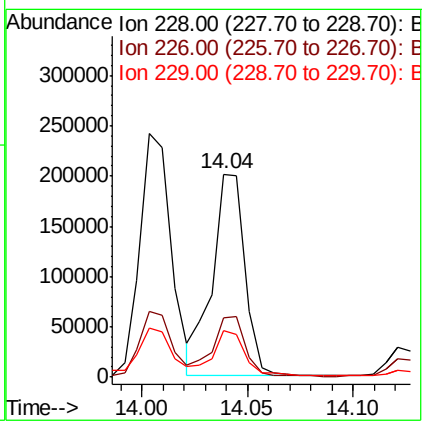


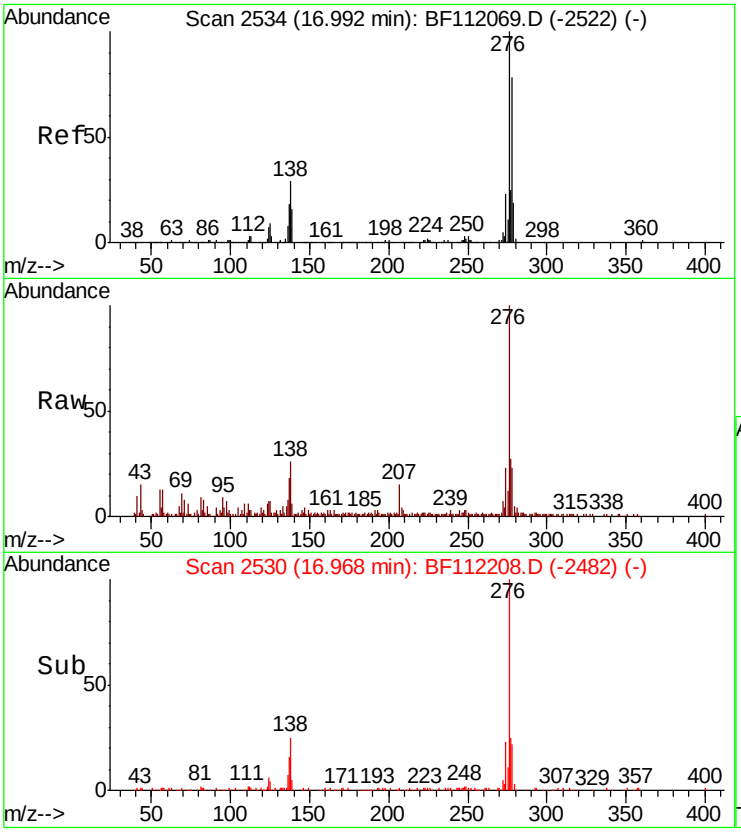


#83
Chrysene
Concen: 7.272 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:228 Resp: 216819

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	23.0	16.6	24.8



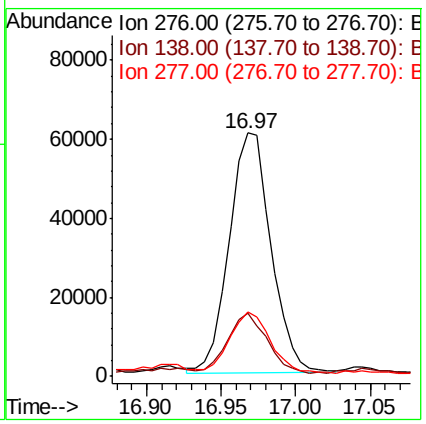


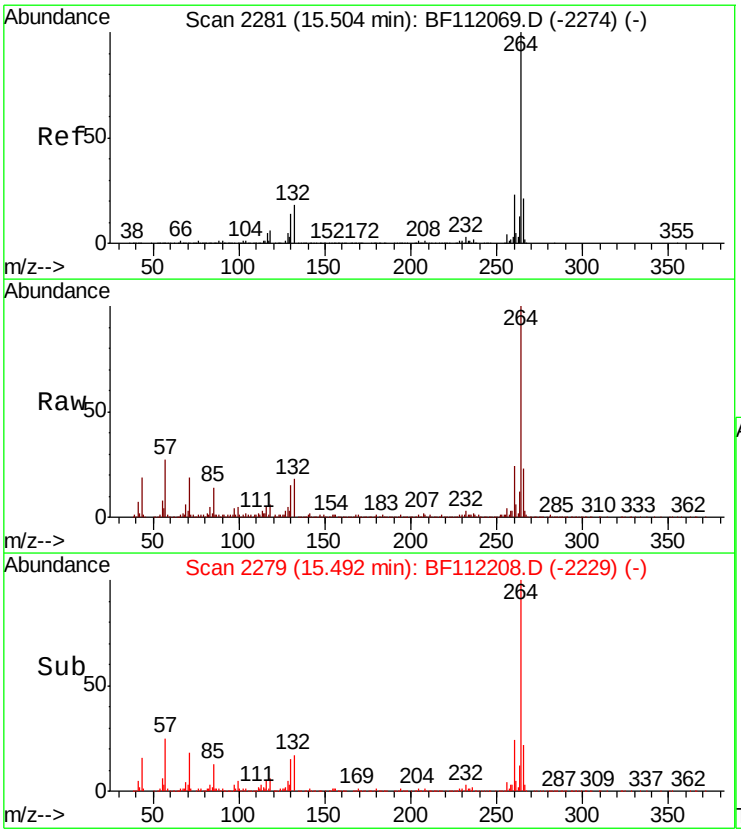
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.313 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 118642

Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.6	34.0
277	25.8	20.3	30.5

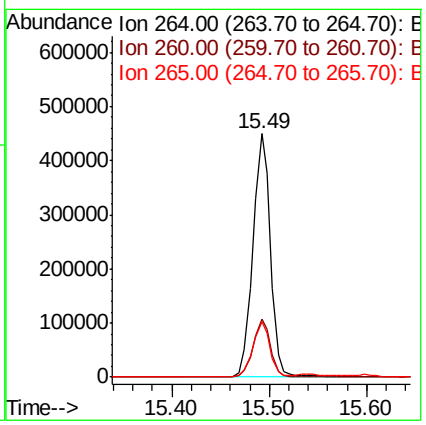


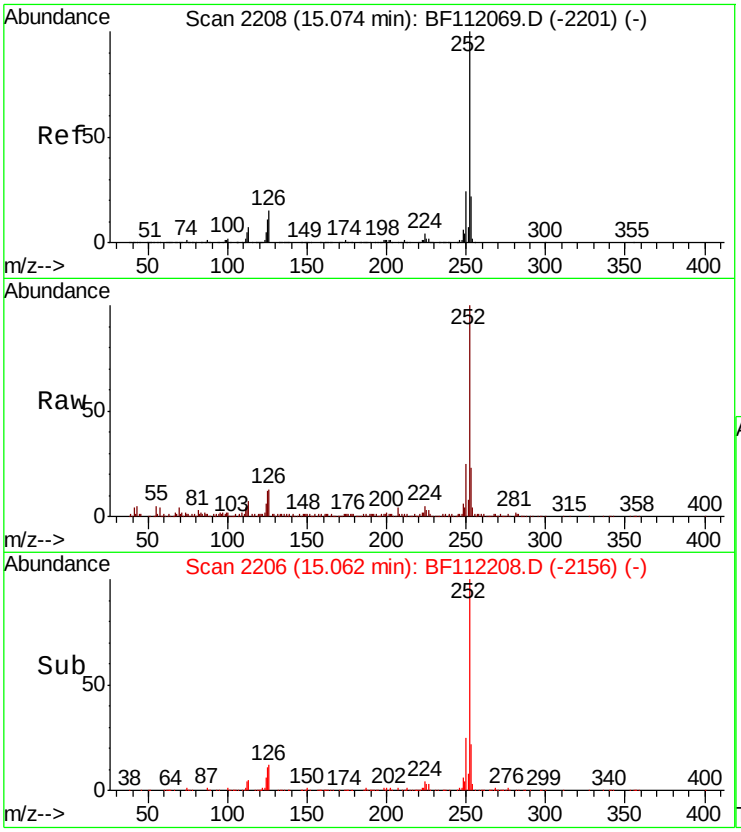


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:264 Resp: 572446

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.5	17.0	25.4



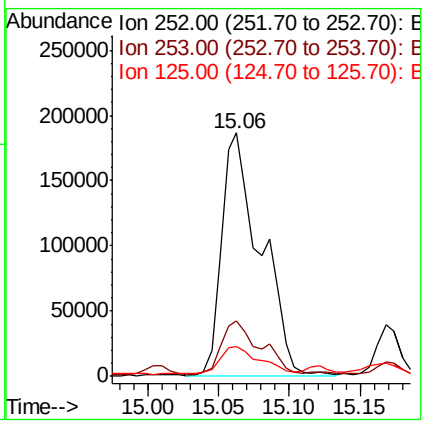


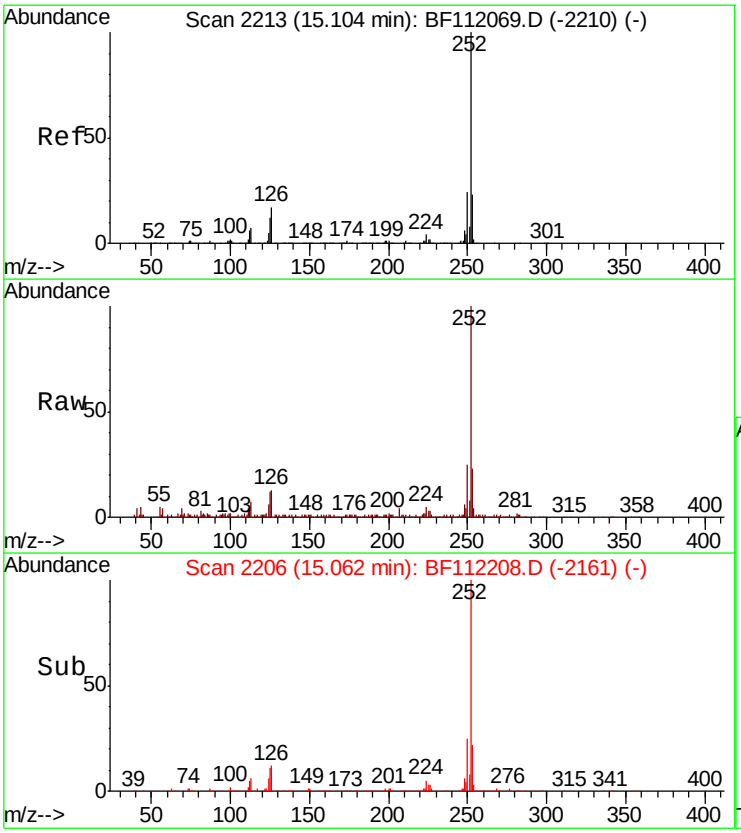
#88
Benzo(b)fluoranthene
Concen: 10.978 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 356735

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.1	8.7	13.1

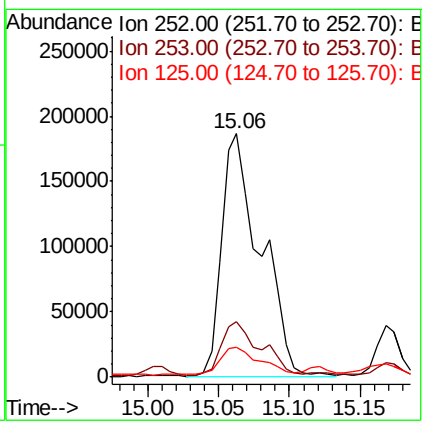


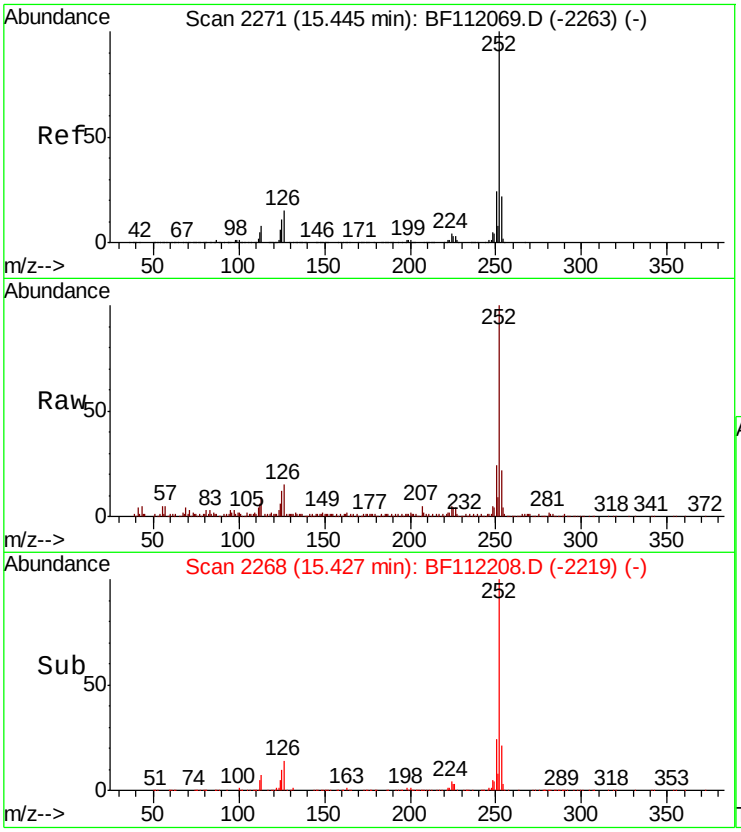


#89
Benzo(k)fluoranthene
Concen: 11.343 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:252 Resp: 356735

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.1	9.1	13.7



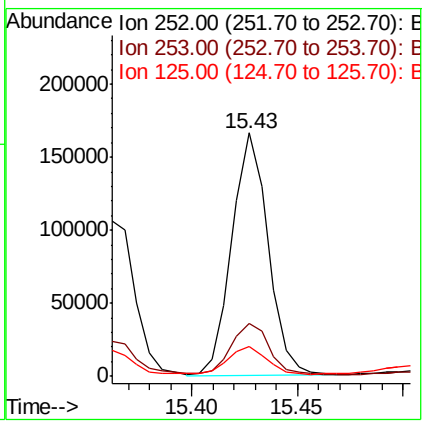


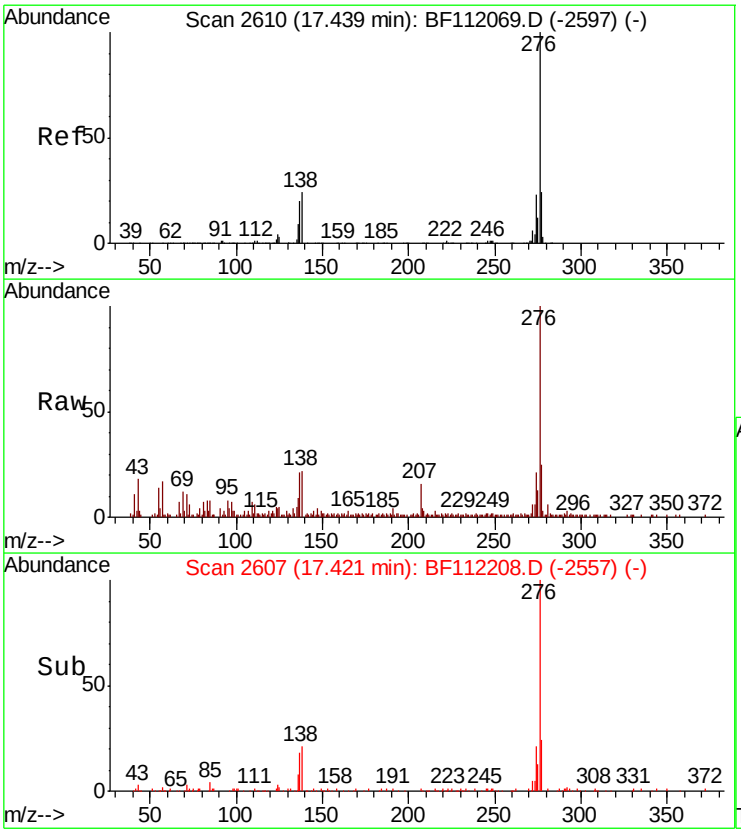
#90
Benzo(a)pyrene
Concen: 6.622 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 197323

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.2	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 4.523 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF112208.D
Acq: 24 Jan 2019 14:56

Tgt Ion:276 Resp: 117936

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	22.0	19.1	28.7