Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116677.D
Acq On : 31 Aug 2019 3:46
Operator : HP/JU
Sample : K4527-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 04:59:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110383	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	430197	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	214287	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	296973	20.00	ng		0.00
76) Chrysene-d12	14.00	240	170738	20.00	ng		0.00
87) Perylene-d12	15.46	264	228707	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	528584	77.58	ng		0.00
7) Phenol-d6	6.47	99	854034	95.46	ng		0.00
23) Nitrobenzene-d5	7.40	82	542423	71.98	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	78964	55.12	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	875428	68.91	ng		0.00
79) Terphenyl-d14	12.95	244	601161	65.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	15373	2.608	ng		84
10) Phenol	6.49	94	41664	4.205	ng		89
15) Benzyl Alcohol	6.98	79	19708	2.714	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	73425	12.464	ng	#	73
25) Isophorone	7.40	82	539631	35.339	ng	#	66
31) Naphthalene	8.15	128	148065	7.238	ng		100
33) 4-Chloroaniline	8.15	127	21282	2.286	ng	#	36
36) 4-Chloro-3-methylphenol	8.73	107	22091	3.475	ng	#	22
37) 2-Methylnaphthalene	8.84	142	289161	21.245	ng		97
38) 1-Methylnaphthalene	8.94	142	185519	14.439	ng		100
50) Dimethylphthalate	9.59	163	131690	8.901	ng		98
54) 2,4-Dinitrophenol	10.16	184	121	9.148	ng	#	12
65) 4,6-Dinitro-2-methylphenol	10.69	198	264	7.655	ng	#	1
71) Phenanthrene	11.39	178	229011	13.853	ng		98
72) Anthracene	11.39	178	229011	13.762	ng		98
74) Di-n-butylphthalate	11.93	149	108911	5.359	ng	#	94
75) Fluoranthene	12.58	202	309288	19.037	ng		81
78) Pyrene	12.81	202	269439	17.753	ng	#	89
81) Benzo(a)anthracene	13.99	228	126234	11.682	ng		94
83) Chrysene	14.03	228	134044	12.040	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.90	276	126675	14.166	ng		98
88) Benzo(b)fluoranthene	15.04	252	306152	22.141	ng	#	87
89) Benzo(k)fluoranthene	15.04	252	306152	24.284	ng	#	87
90) Benzo(a)pyrene	15.40	252	161189	13.399	ng	#	90
91) Dibenzo(a,h)anthracene	16.91	278	31498	2.991	ng	#	53
92) Benzo(g,h,i)perylene	17.34	276	126970	11.823	ng	#	89

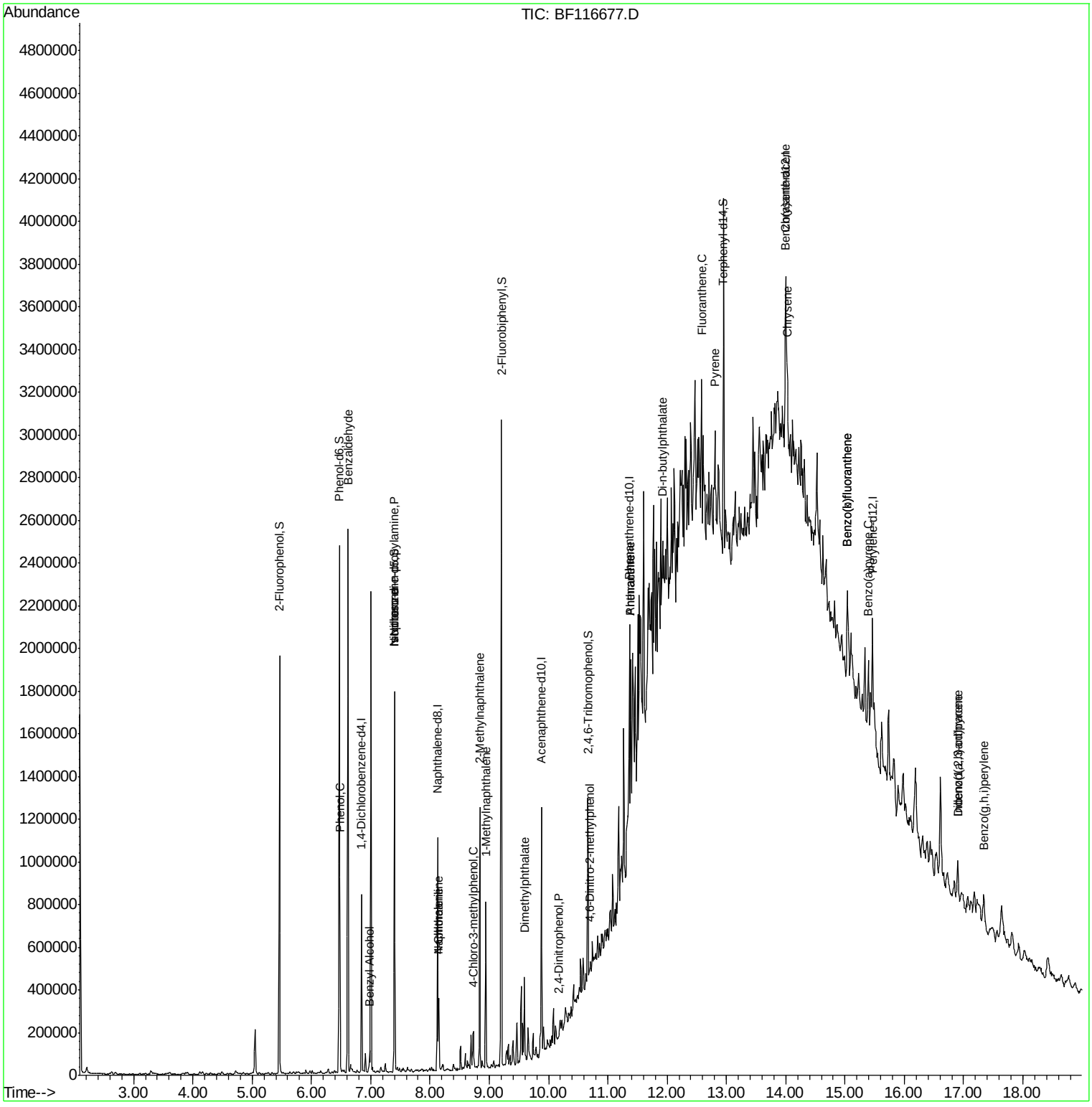
(#) = qualifier out of range (m) = manual integration (+) = signals summed

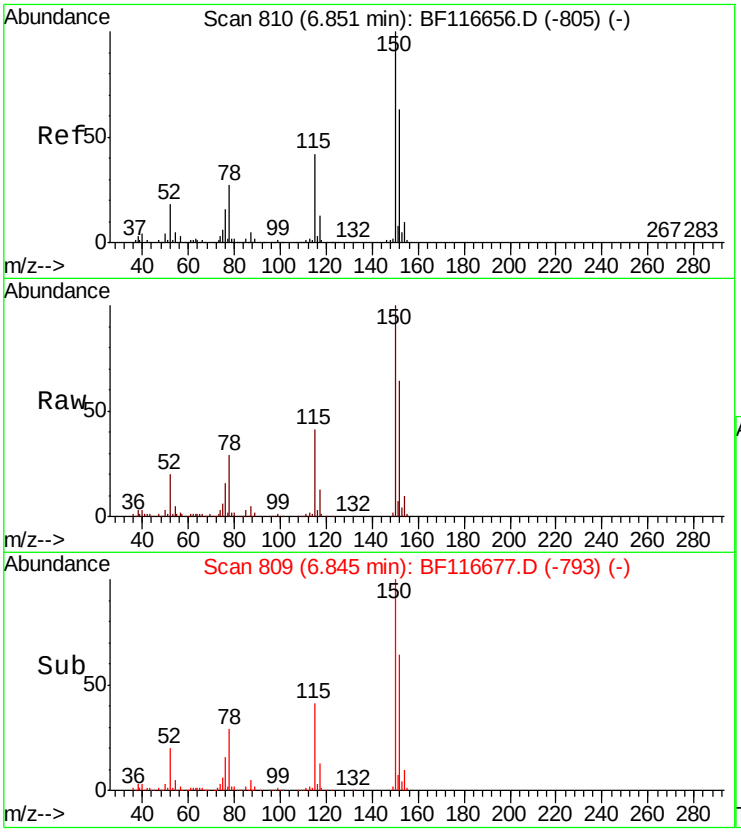
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116677.D
Acq On : 31 Aug 2019 3:46
Operator : HP/JU
Sample : K4527-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 04:59:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



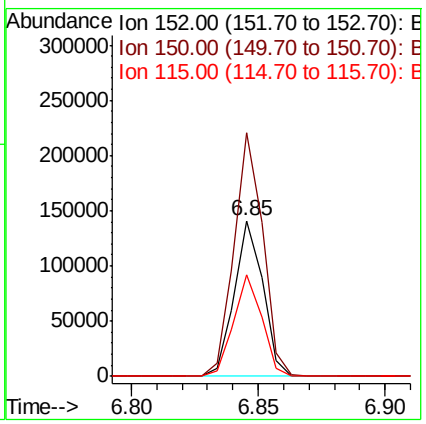


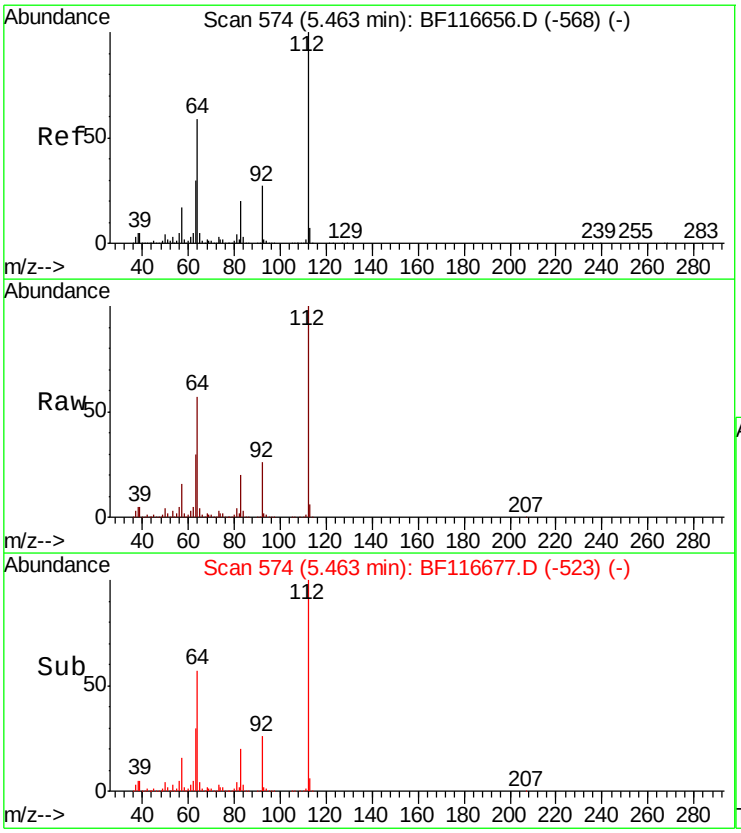
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 110383

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.4	186.6
115	64.8	49.9	74.9

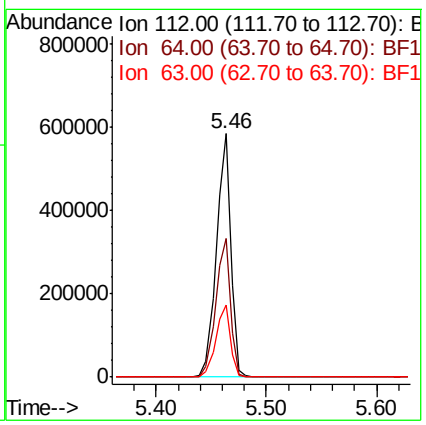


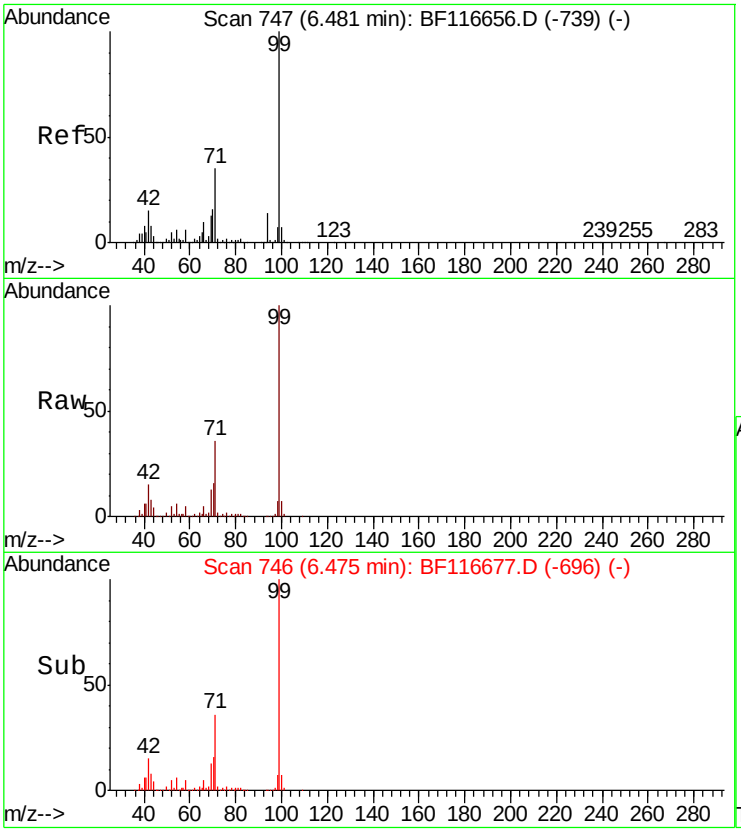


#5
2-Fluorophenol
Concen: 77.579 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:112 Resp: 528584

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.1	70.7
63	29.8	24.9	37.3



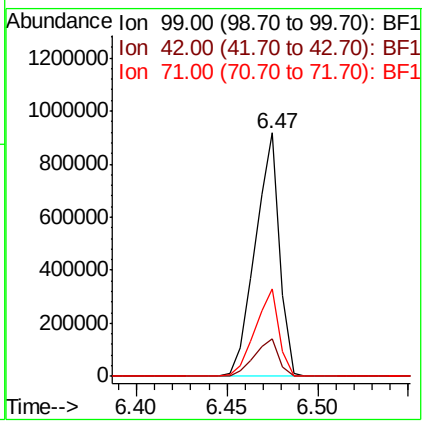


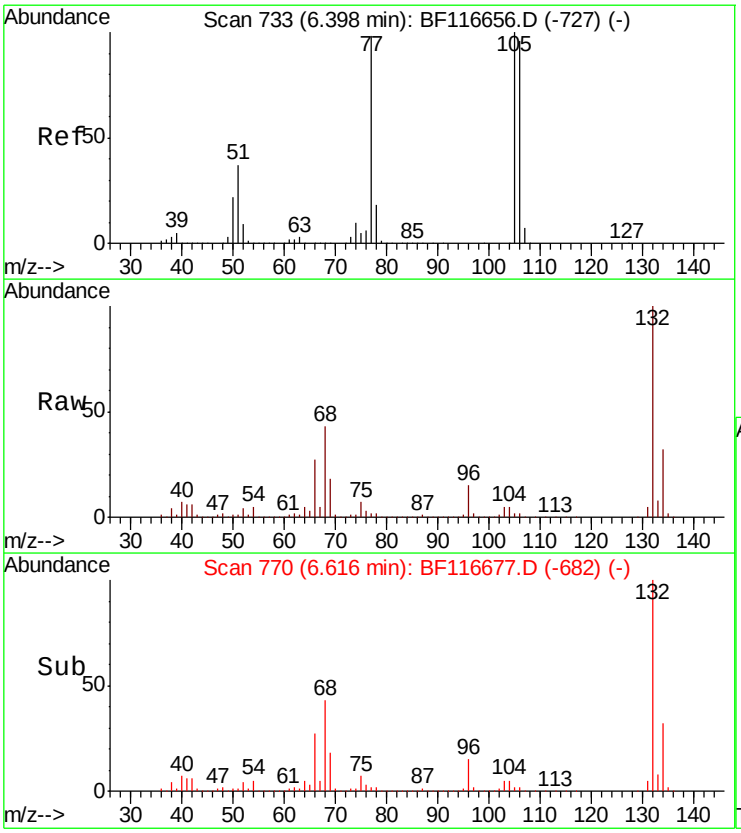
#7
Phenol-d6
Concen: 95.456 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 854034

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	35.9	30.8	46.2

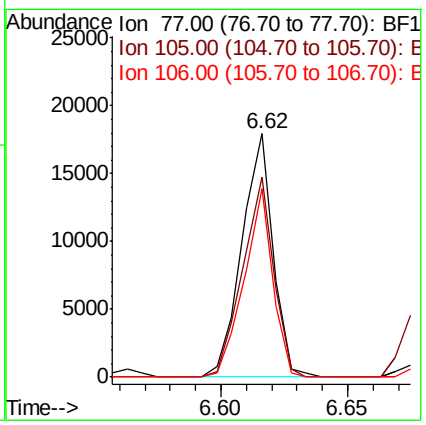


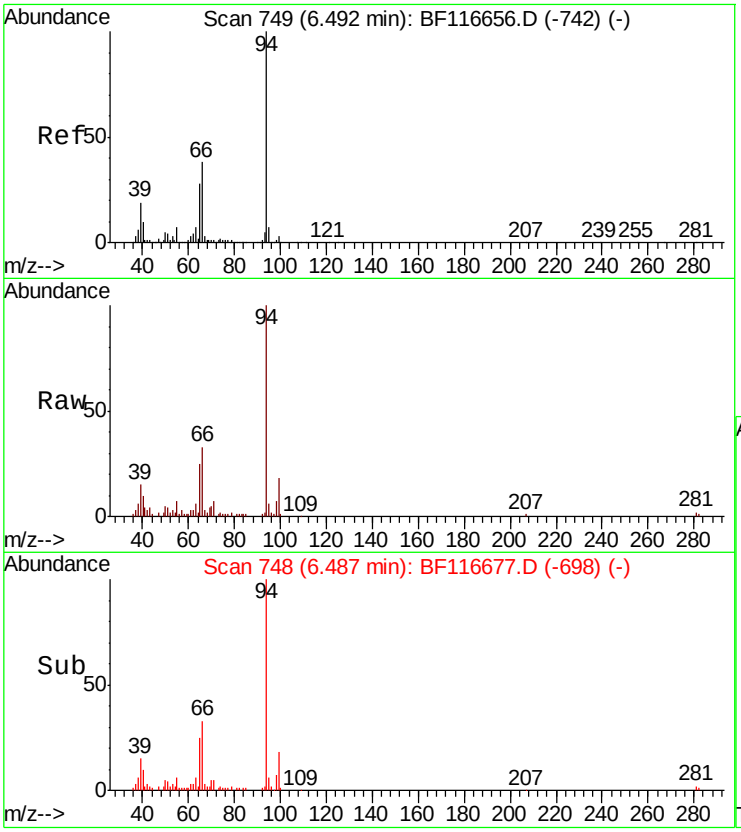


#9
Benzaldehyde
Concen: 2.608 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion: 77 Resp: 15373

Ion	Ratio	Lower	Upper
77	100		
105	82.0	76.7	116.7
106	77.2	73.1	113.1



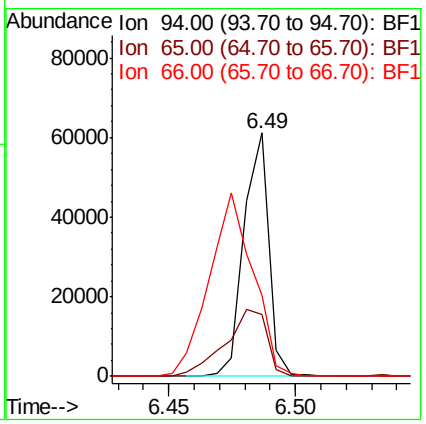


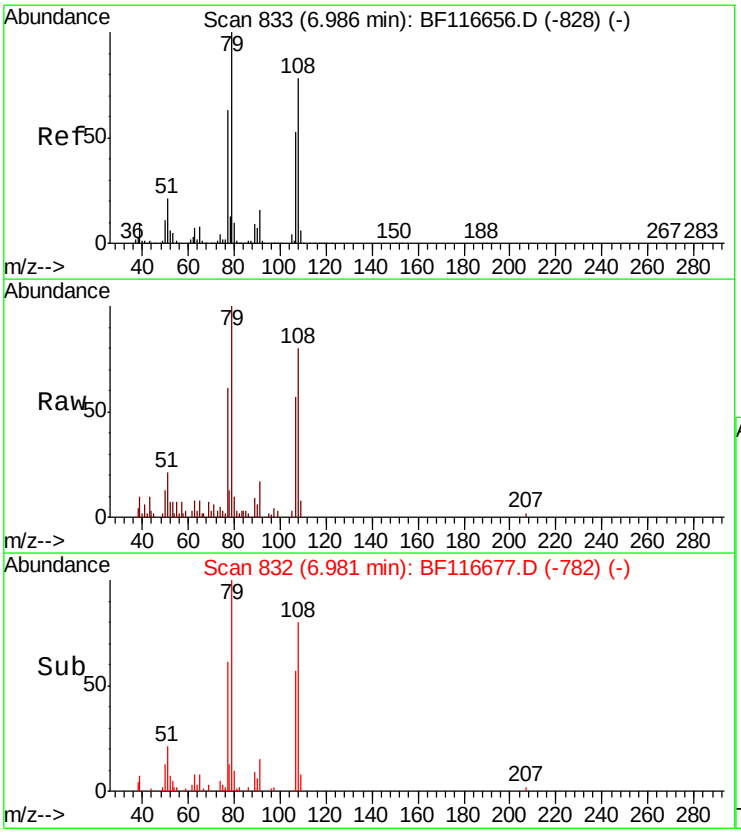
#10
Phenol
Concen: 4.205 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 41664

Ion	Ratio	Lower	Upper
94	100		
65	25.5	10.8	50.8
66	33.1	21.1	61.1

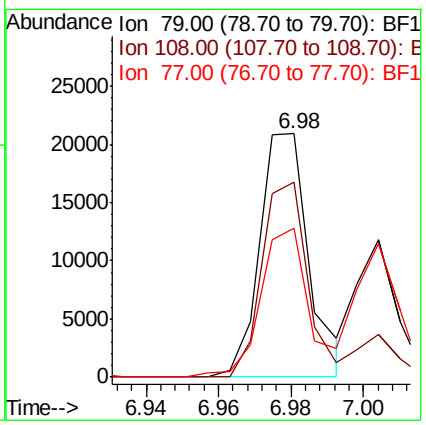


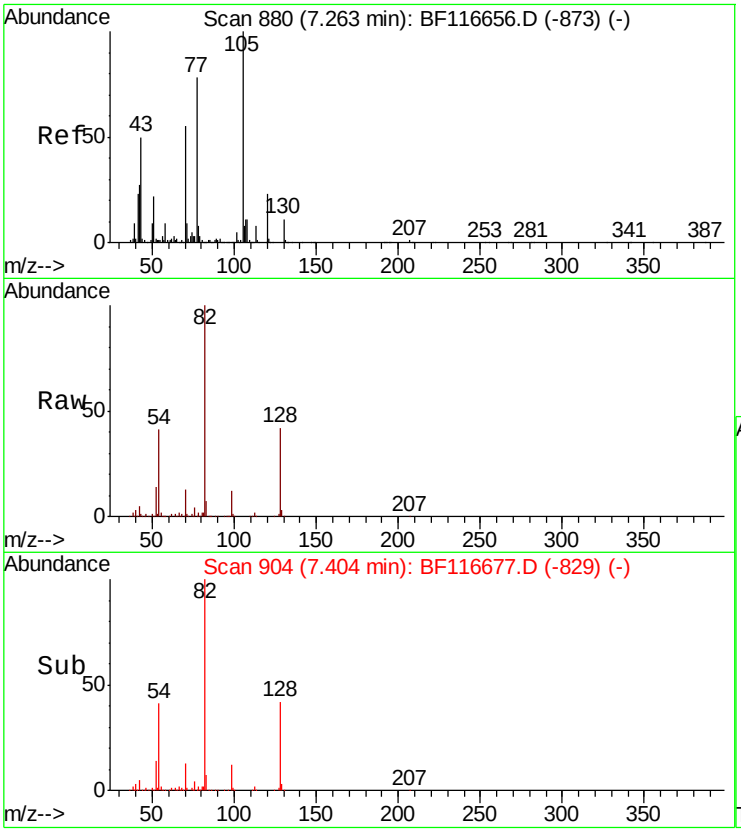


#15
Benzyl Alcohol
Concen: 2.714 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion: 79 Resp: 19708

Ion	Ratio	Lower	Upper
79	100		
108	80.3	59.2	88.8
77	61.3	53.0	79.4



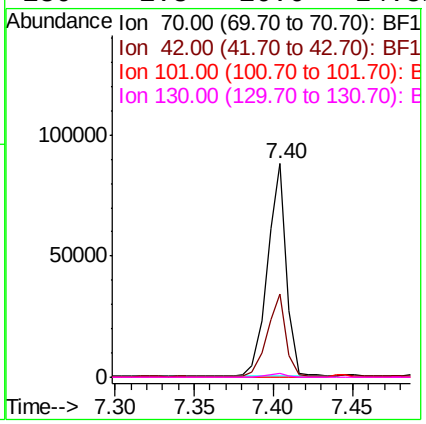


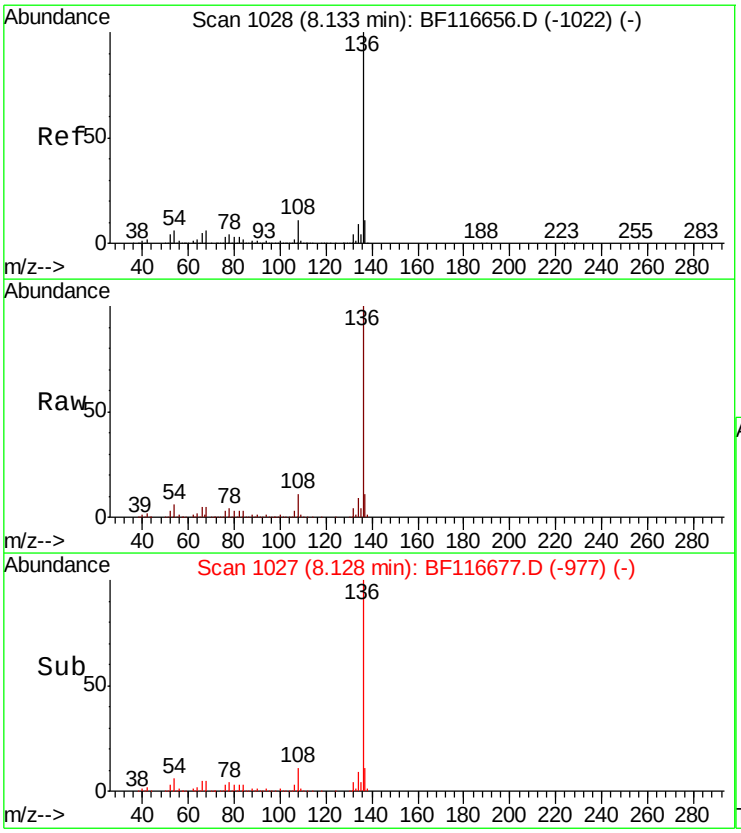
#19
n-Nitroso-di-n-propylamine
Concen: 12.464 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 73425

Ion	Ratio	Lower	Upper
70	100		
42	39.0	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#

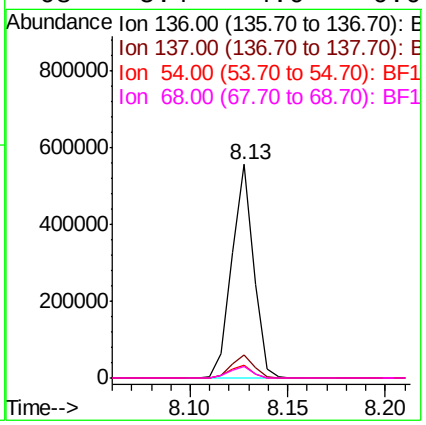


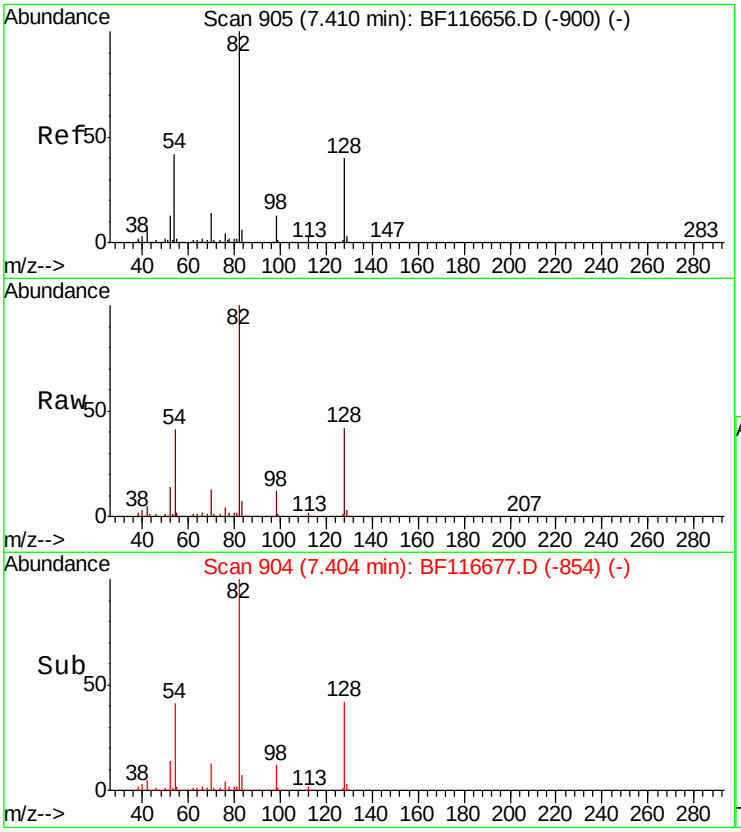


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:136 Resp: 430197

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	4.8	7.2
68	5.4	4.0	6.0



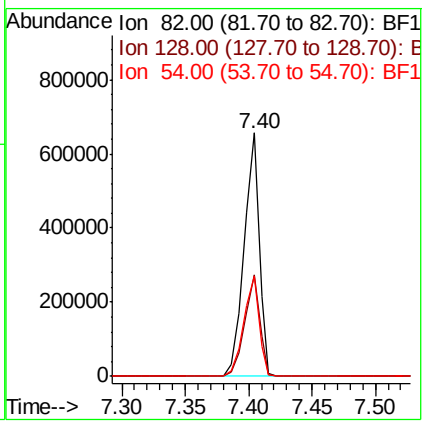


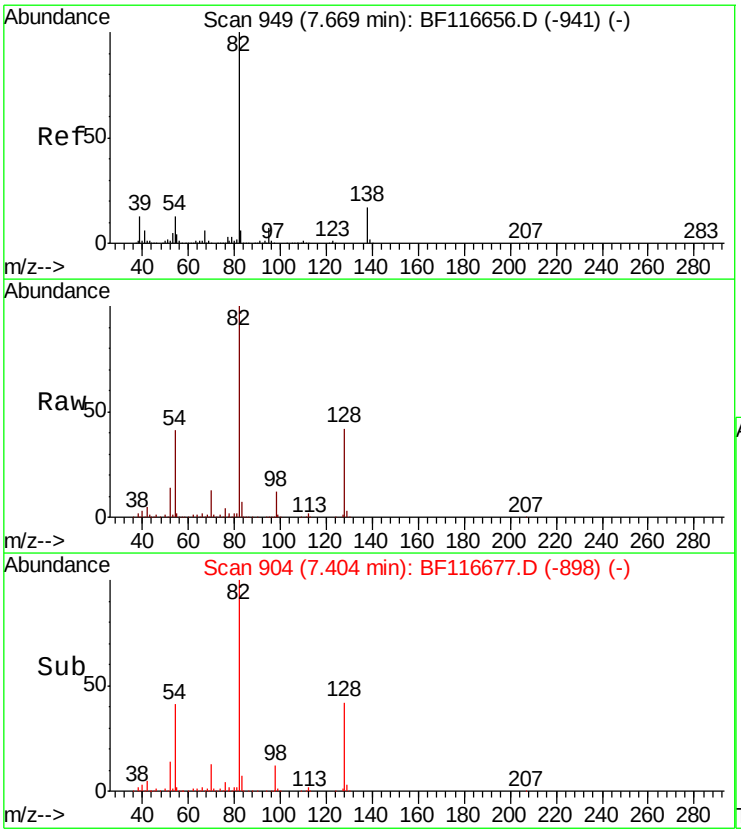
#23
Nitrobenzene-d5
Concen: 71.980 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 542423

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	41.4	36.9	55.3

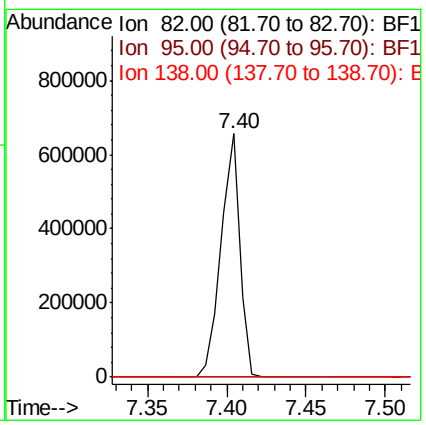


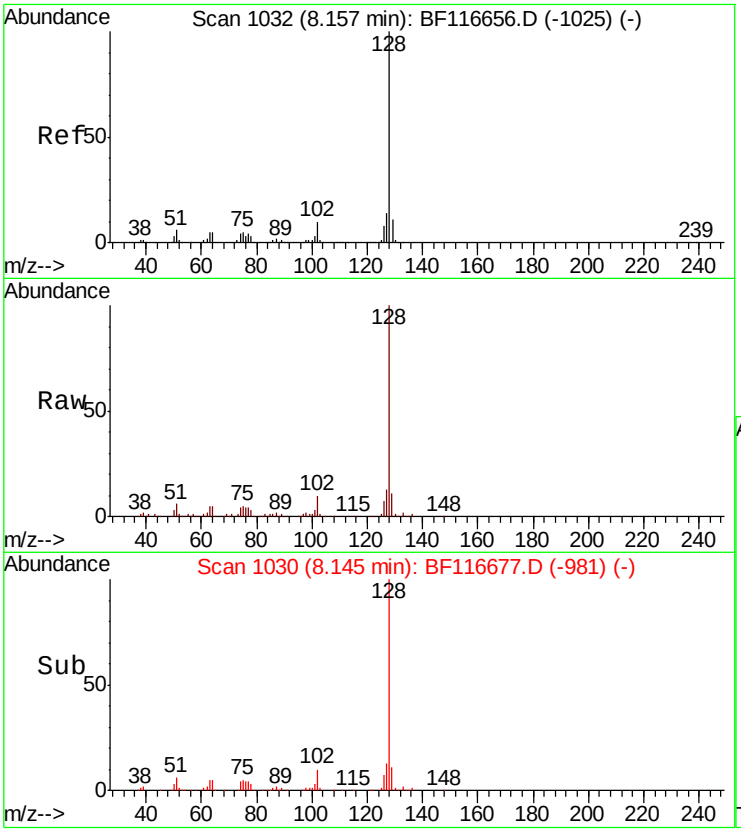


#25
Isophorone
Concen: 35.339 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion: 82 Resp: 539631

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	13.5	20.3#



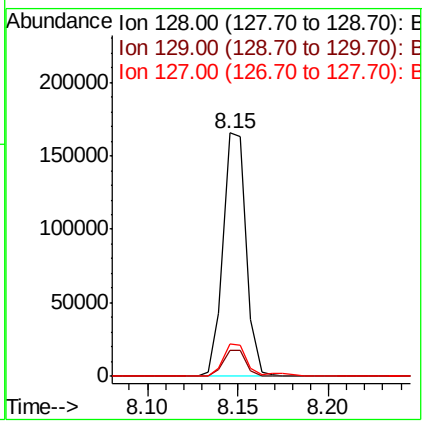


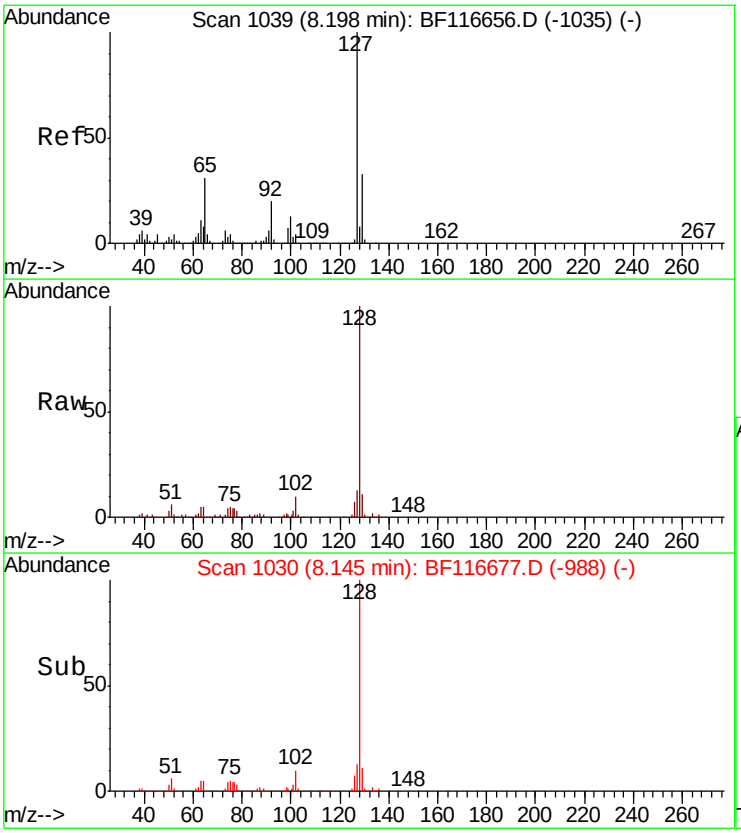
#31
Naphthalene
Concen: 7.238 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 148065

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.4	15.6

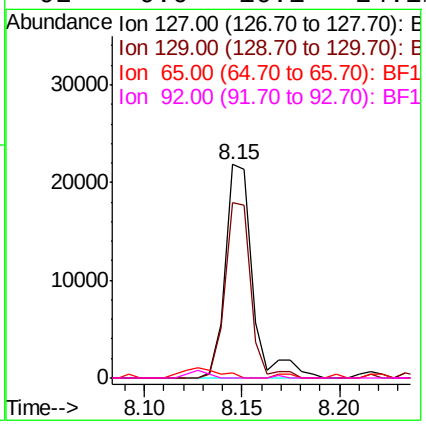


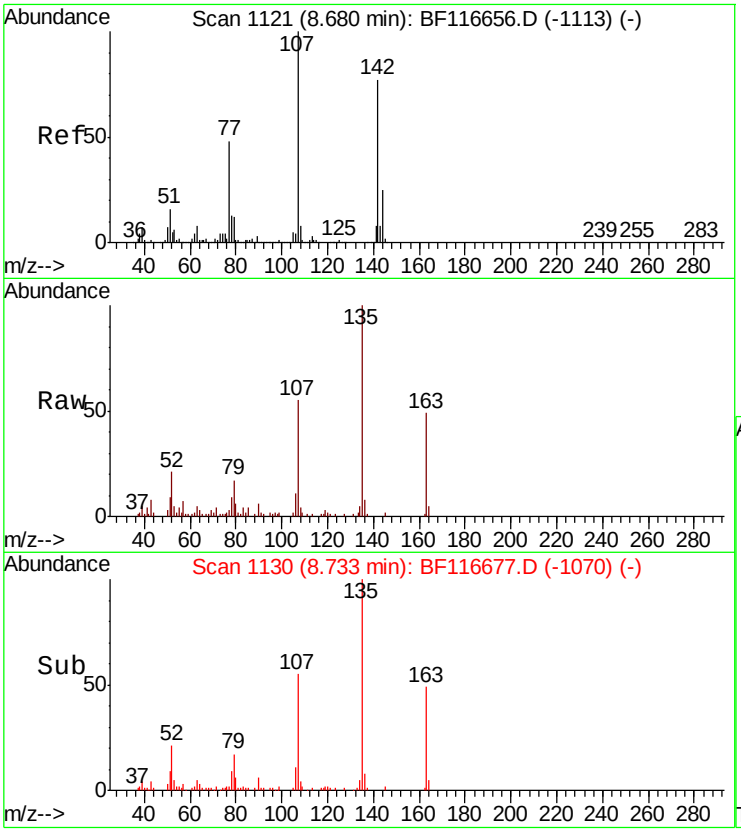


#33
4-Chloroaniline
Concen: 2.286 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:127 Resp: 21282

Ion	Ratio	Lower	Upper
127	100		
129	81.8	26.2	39.2#
65	2.7	26.0	39.0#
92	0.0	16.1	24.1#



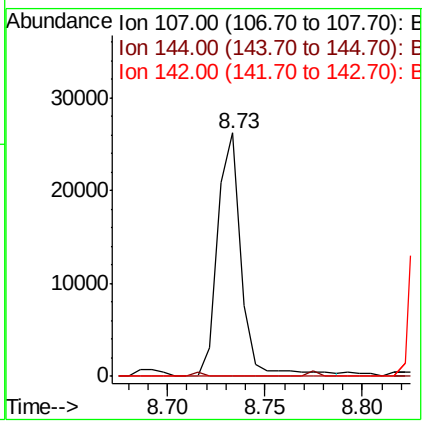


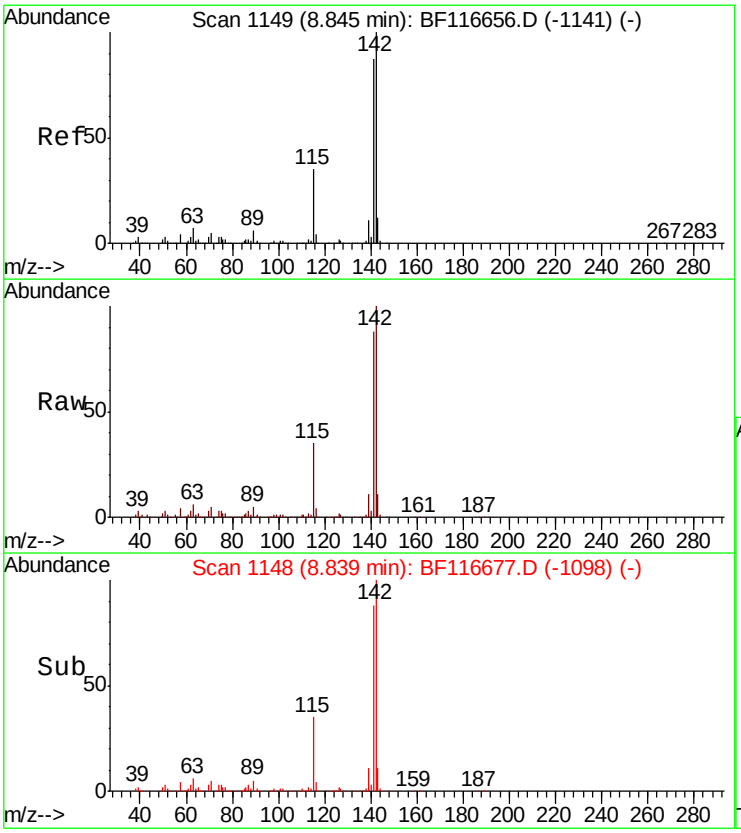
#36
4-Chloro-3-methylphenol
Concen: 3.475 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.05 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 22091

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.6	27.8#
142	0.0	58.5	87.7#

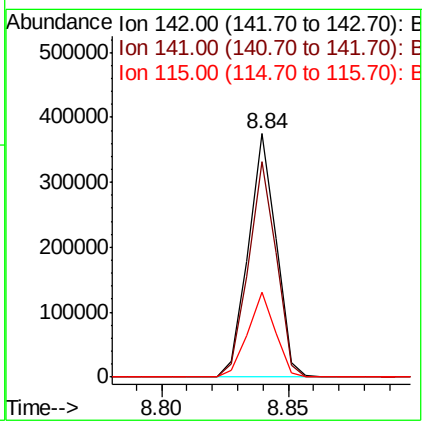


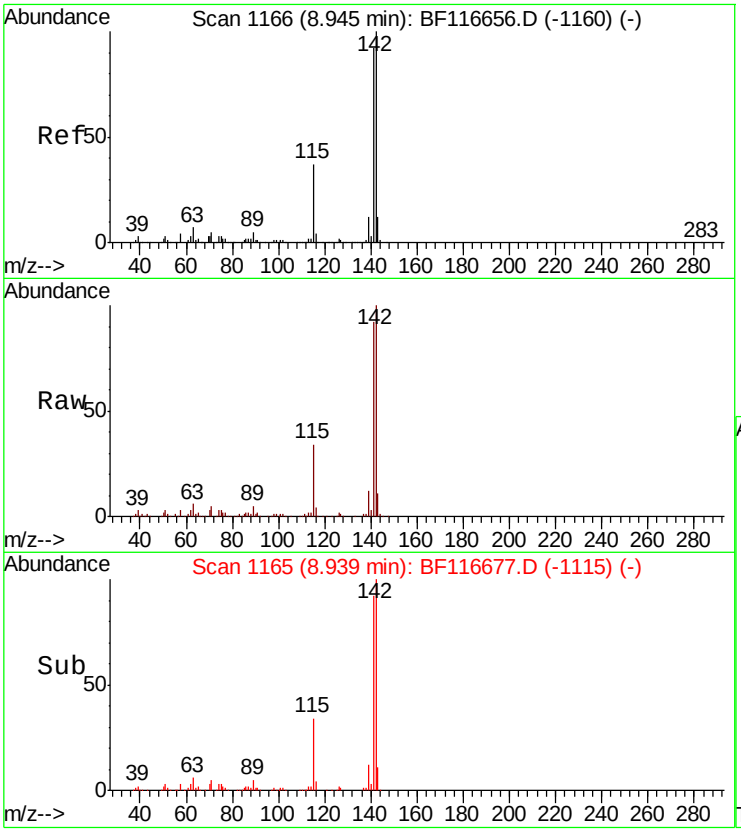


#37
2-Methylnaphthalene
Concen: 21.245 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:142 Resp: 289161

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	109.0
115	34.7	29.8	44.6



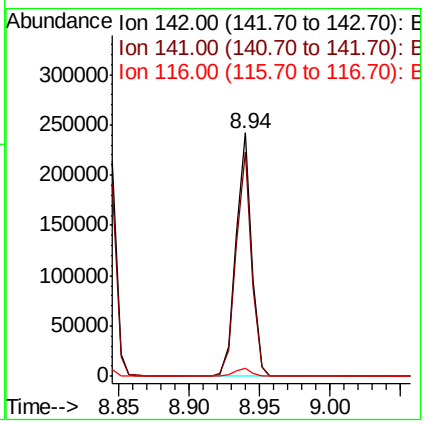


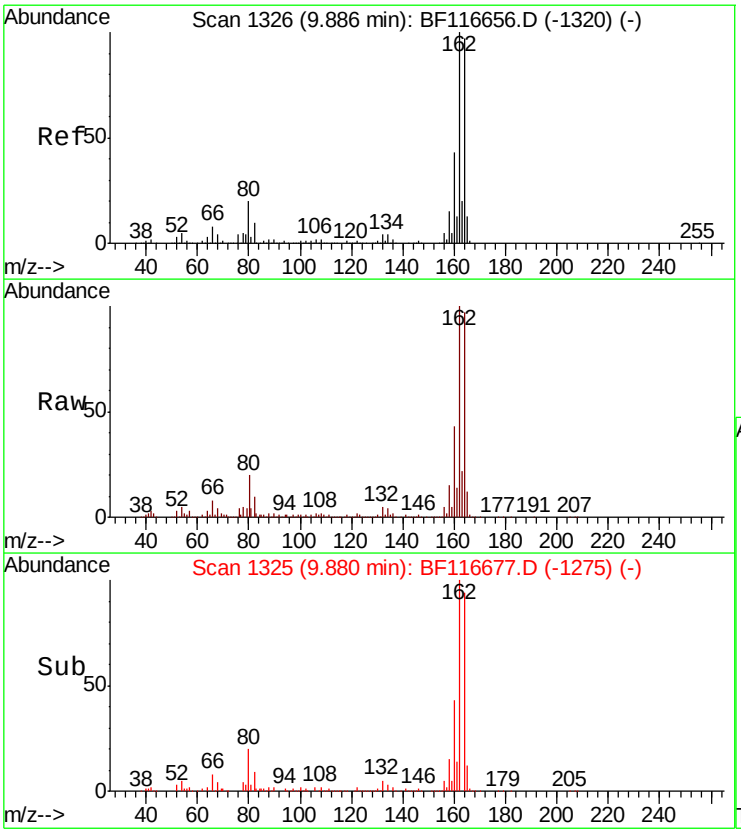
#38
1-Methylnaphthalene
Concen: 14.439 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 185519

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9
116	3.6	3.0	4.6

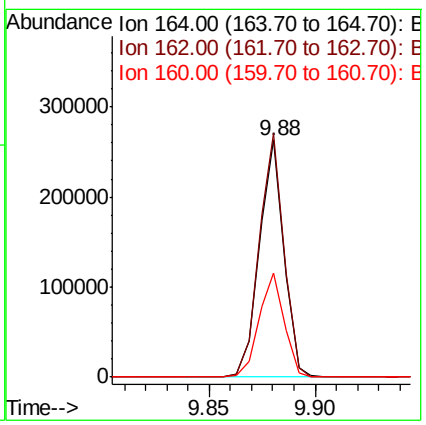


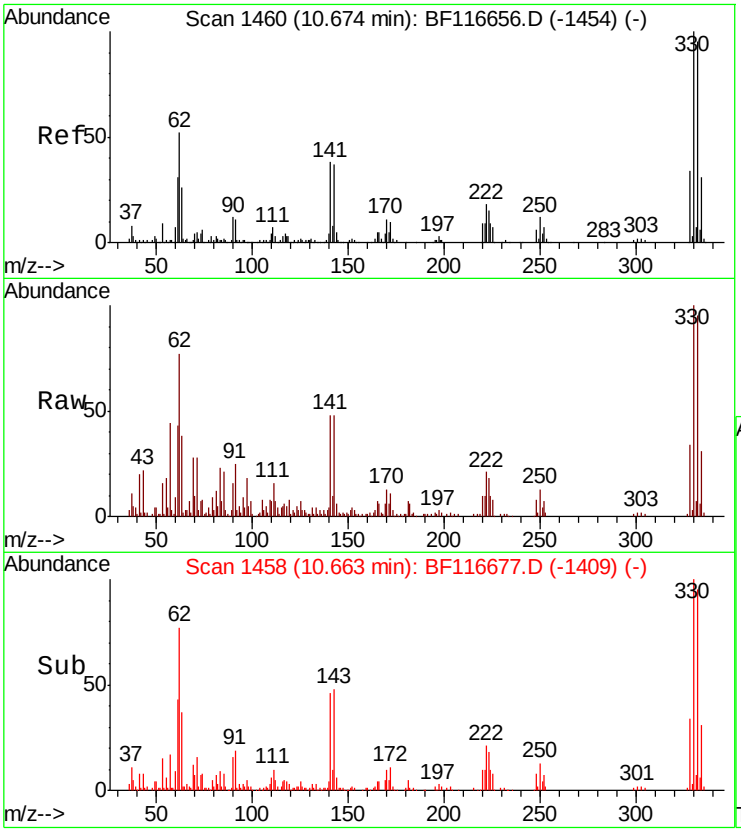


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:164 Resp: 214287

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	43.6	35.4	53.2



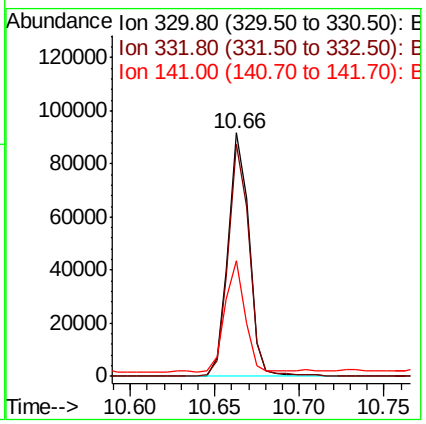


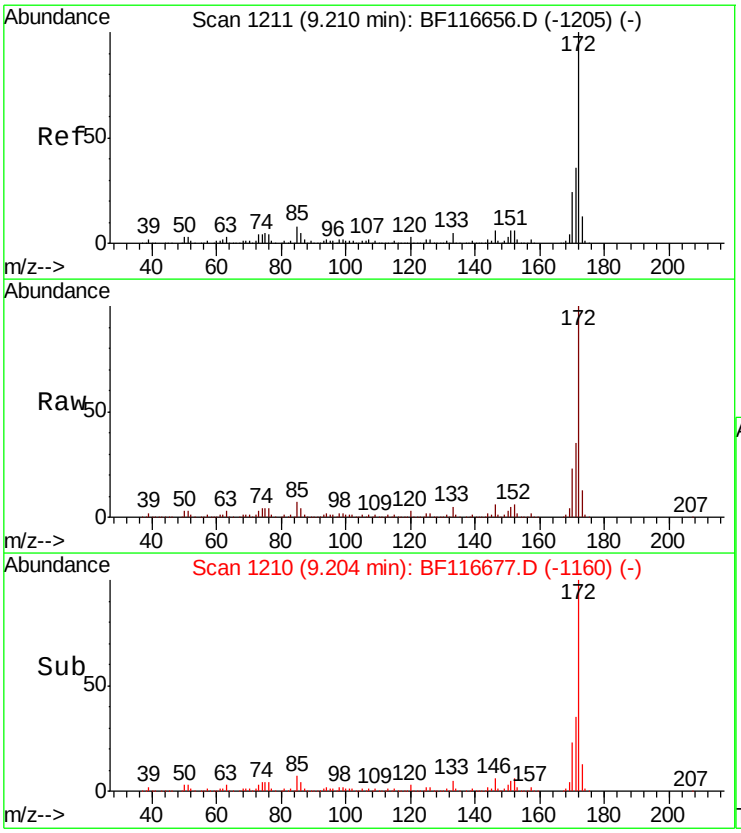
#42
2,4,6-Tribromophenol
Concen: 55.121 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 78964

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	45.3	31.4	47.2

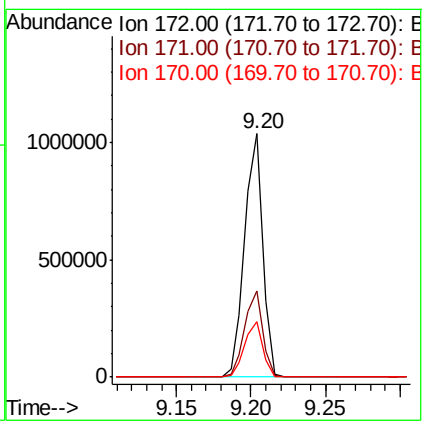


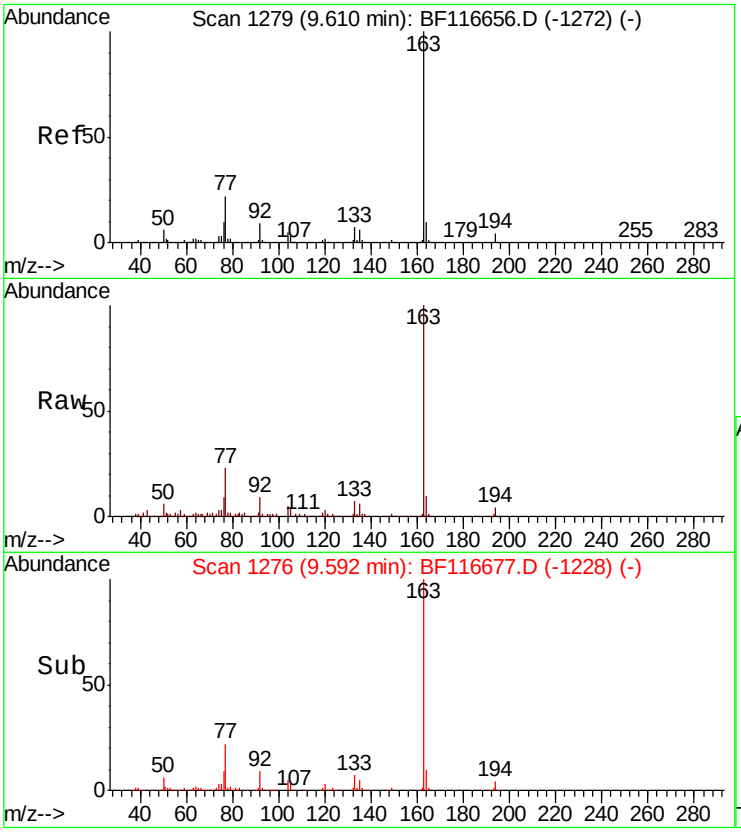


#45
2-Fluorobiphenyl
Concen: 68.915 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:172 Resp: 875428

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	23.0	18.9	28.3



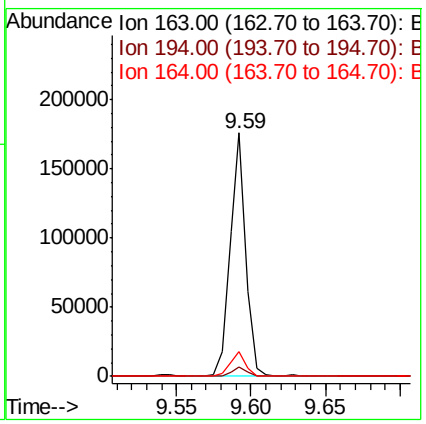


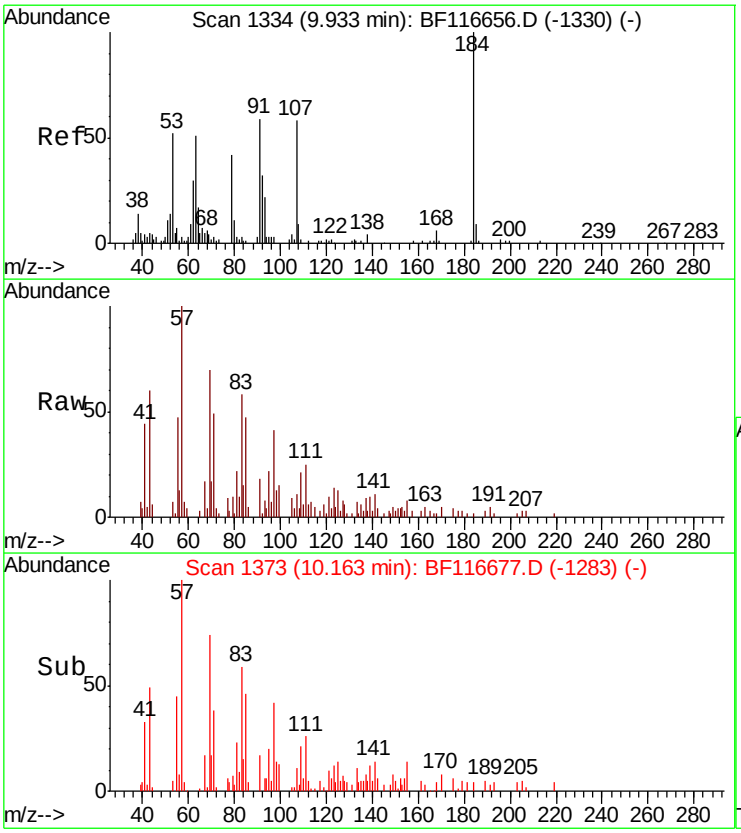
#50
Dimethylphthalate
Concen: 8.901 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 131690

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.0	8.6	12.8

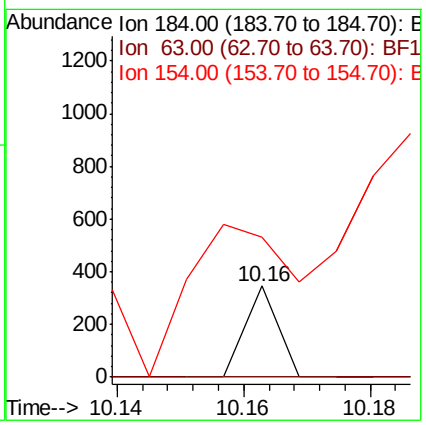


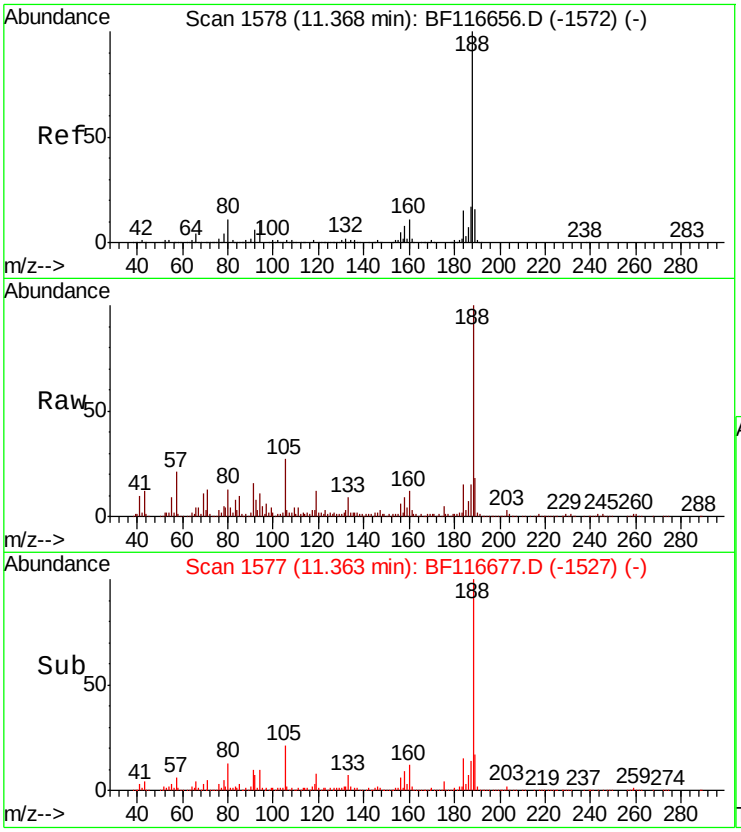


#54
2,4-Dinitrophenol
Concen: 9.148 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.23 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:184 Resp: 121

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.2	78.2#
154	154.9	60.8	91.2#



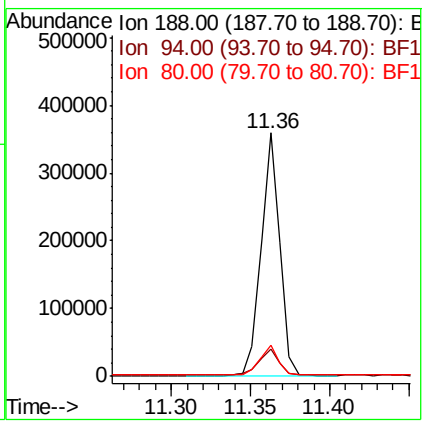


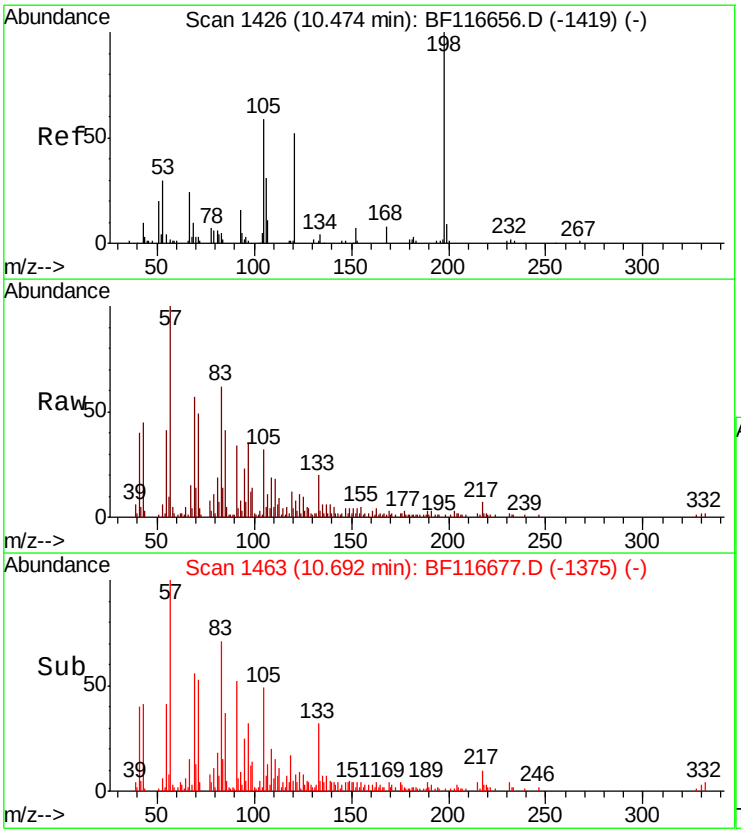
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 296973

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.3	10.9#
80	12.9	8.4	12.6#

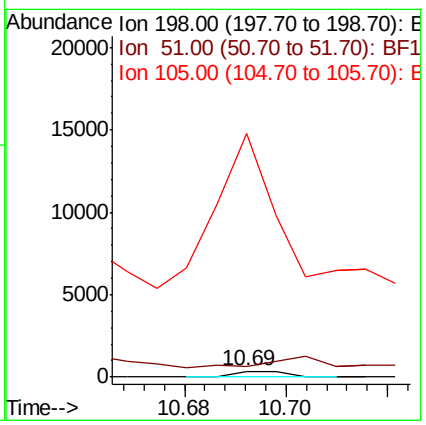


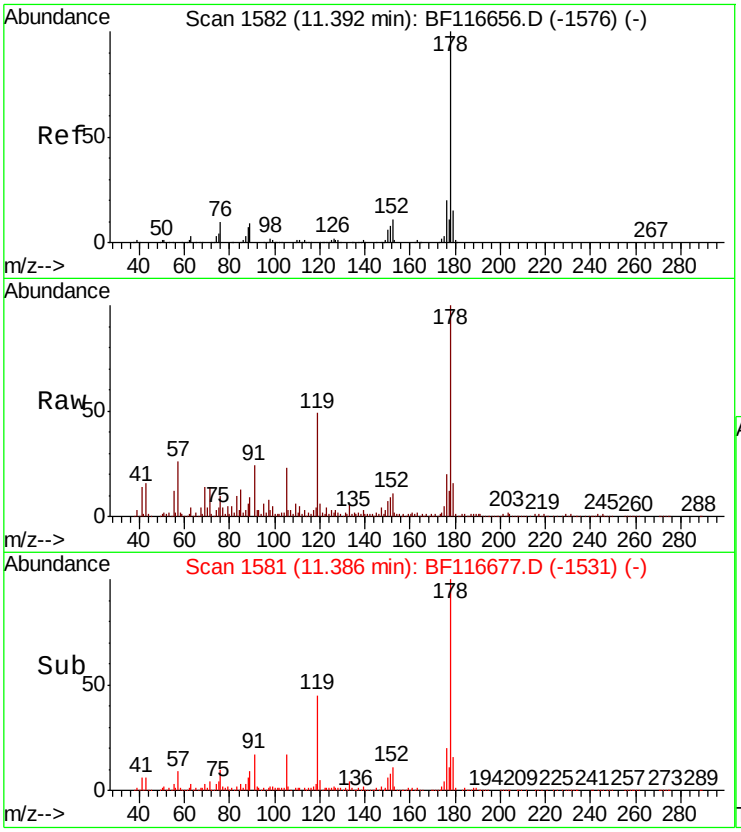


#65
4,6-Dinitro-2-methylphenol
Concen: 7.655 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.22 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:198 Resp: 264

Ion	Ratio	Lower	Upper
198	100		
51	177.1	18.4	58.4#
105	3940.0	22.9	62.9#



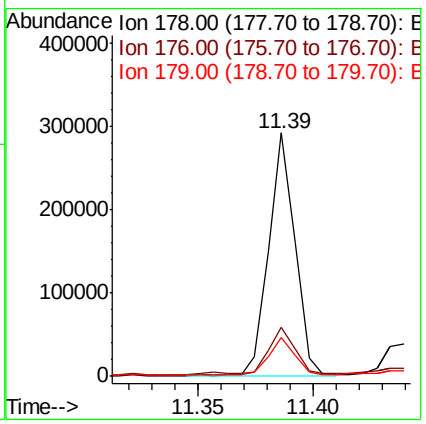


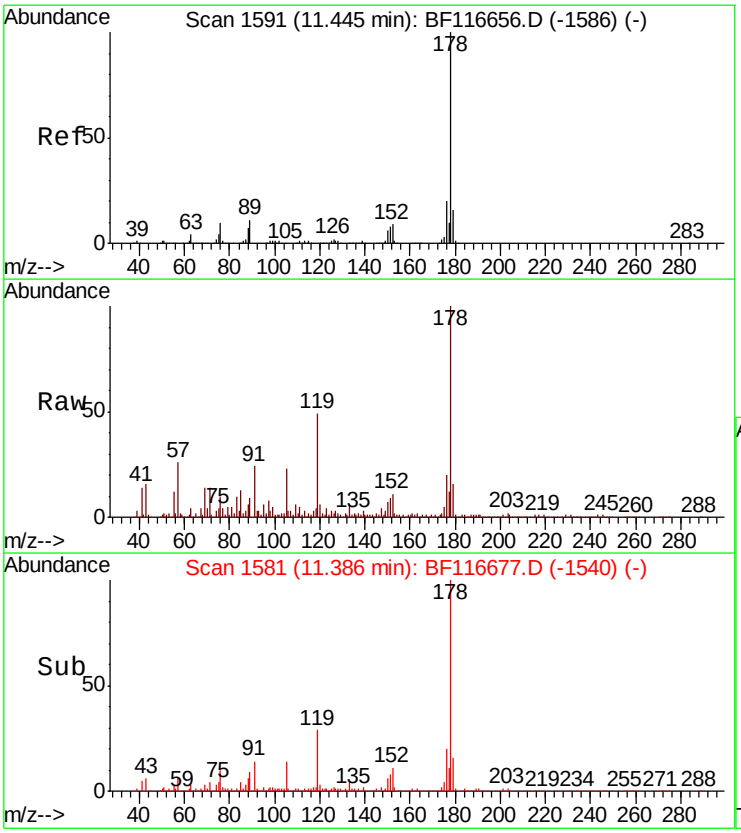
#71
Phenanthrene
Concen: 13.853 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 229011

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	16.1	12.2	18.2

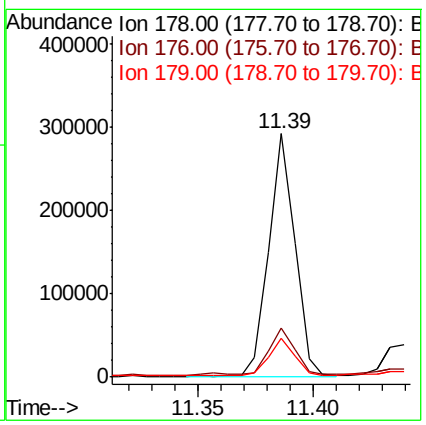


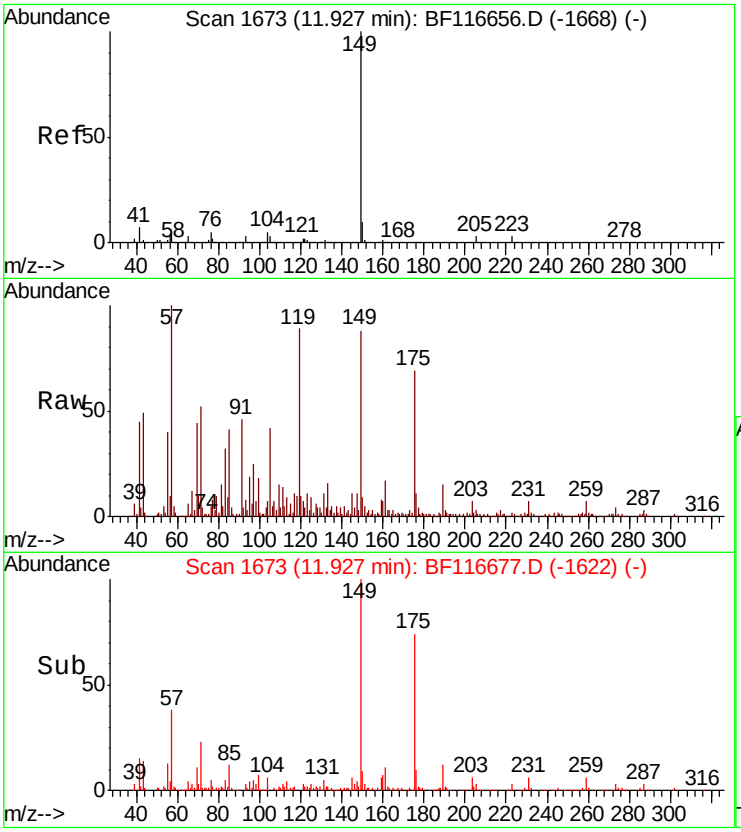


#72
Anthracene
Concen: 13.762 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:178 Resp: 229011

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	16.1	12.5	18.7



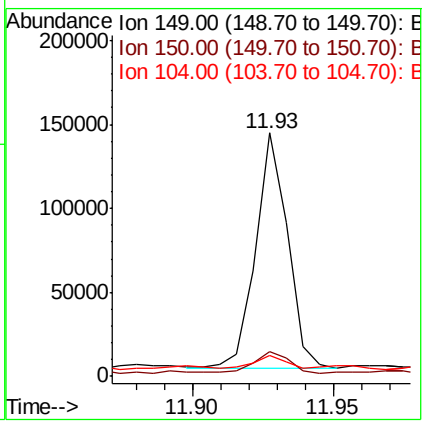


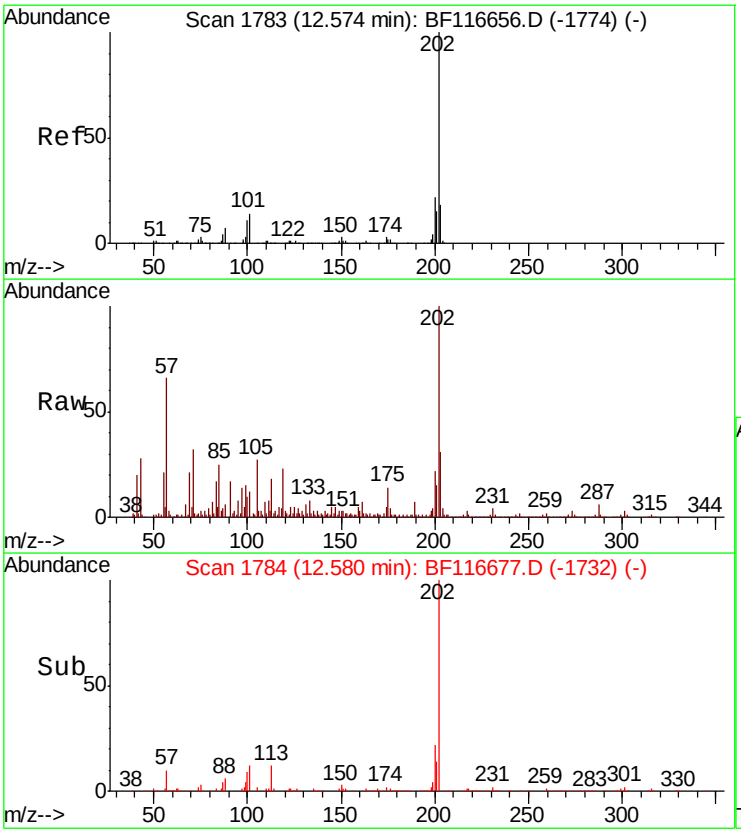
#74
Di-n-butylphthalate
Concen: 5.359 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 108911

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.2	10.8
104	8.5	4.2	6.2#

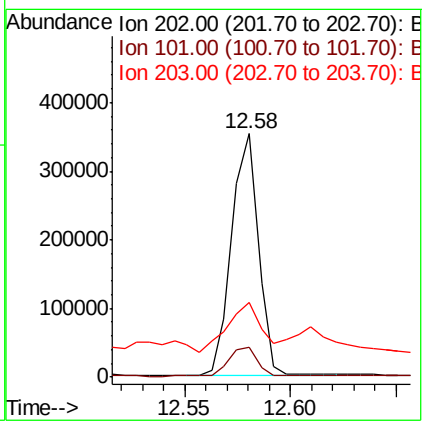


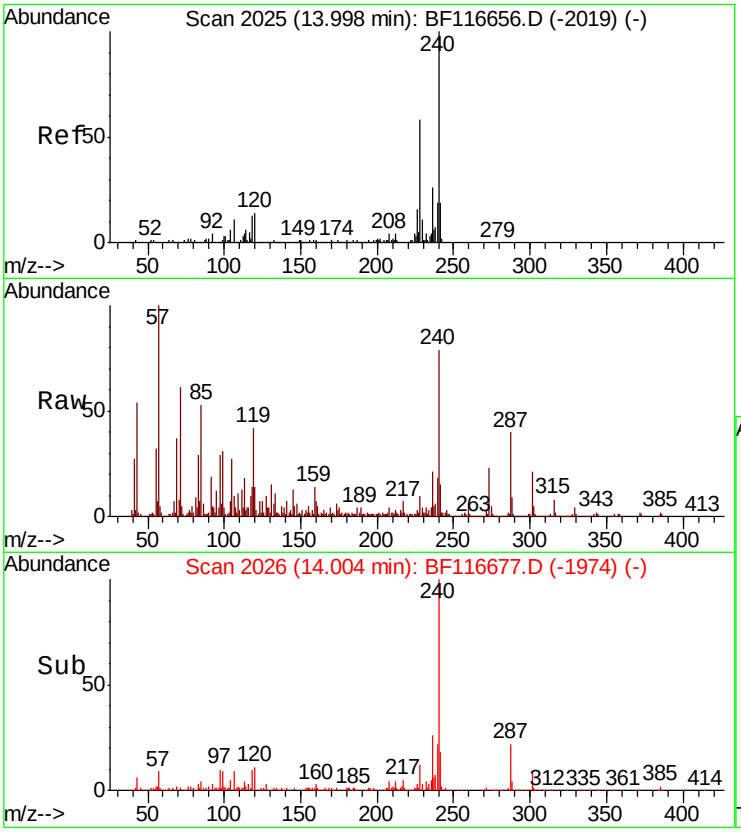


#75
Fluoranthene
Concen: 19.037 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:202 Resp: 309288

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	30.8	0.0	37.6



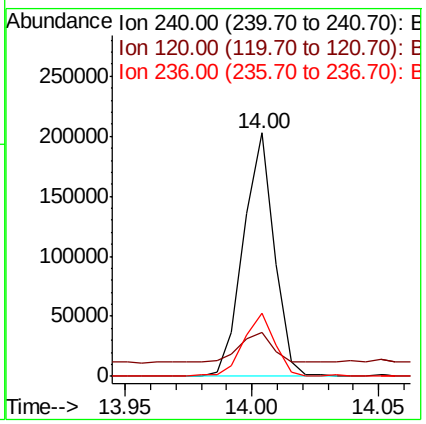


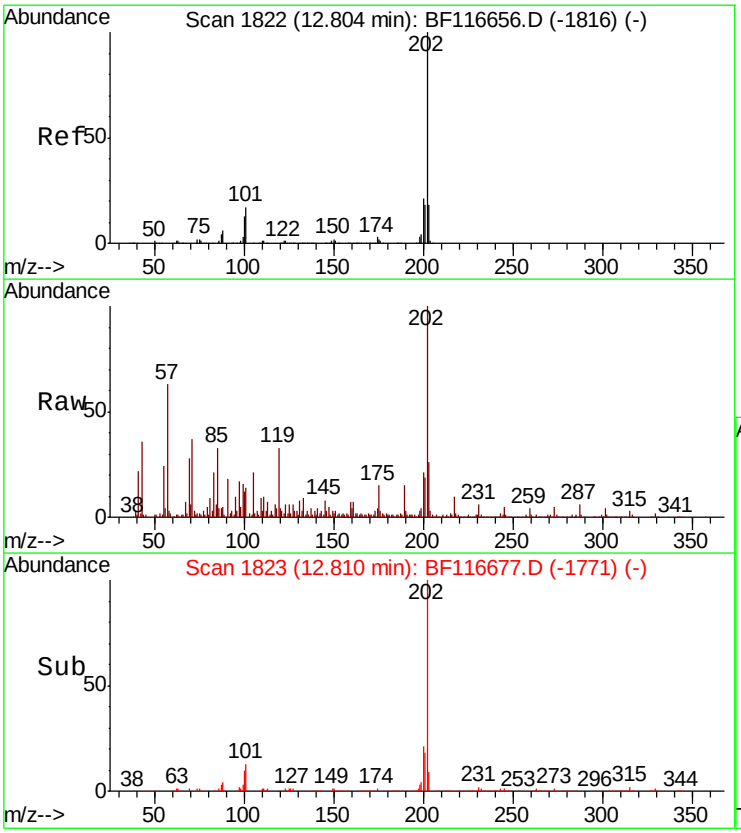
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 170738

Ion	Ratio	Lower	Upper
240	100		
120	17.8	9.1	13.7#
236	25.9	21.1	31.7

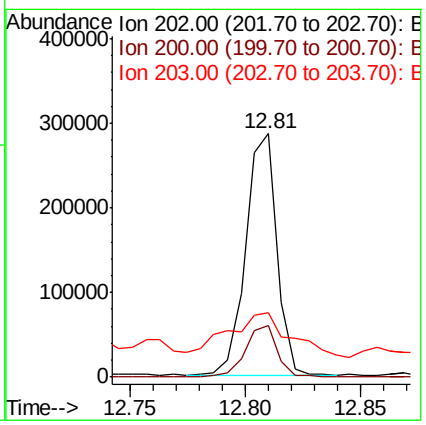


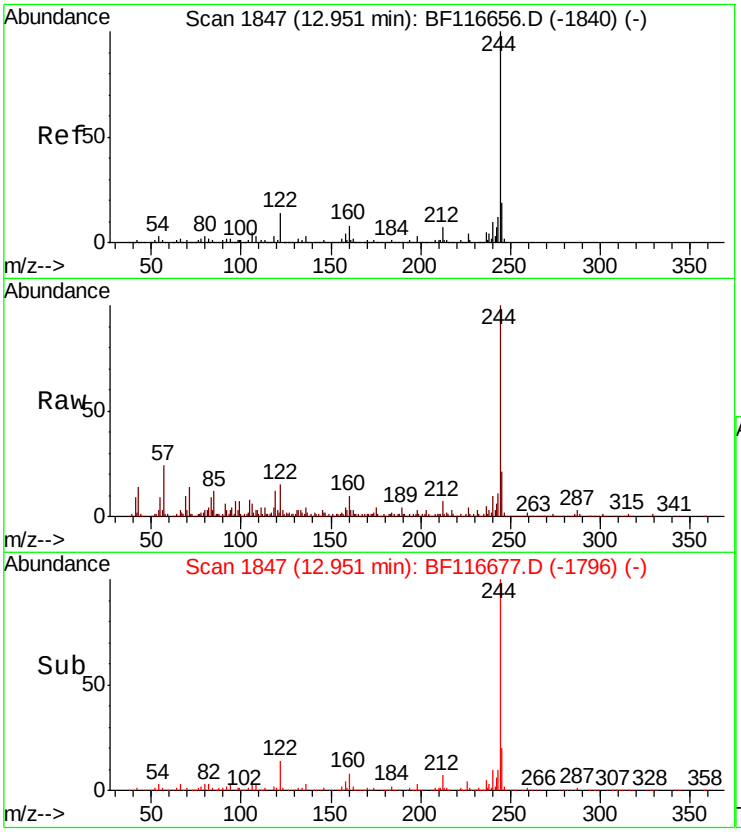


#78
Pyrene
Concen: 17.753 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:202 Resp: 269439

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.5	24.7
203	26.4	13.7	20.5#



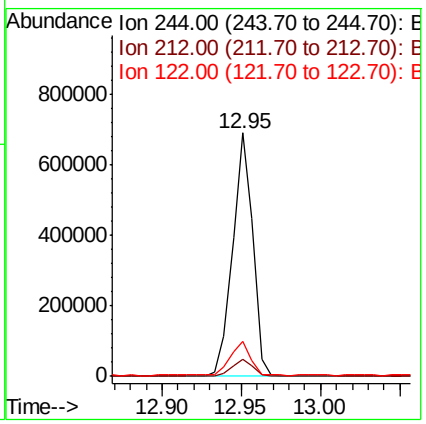


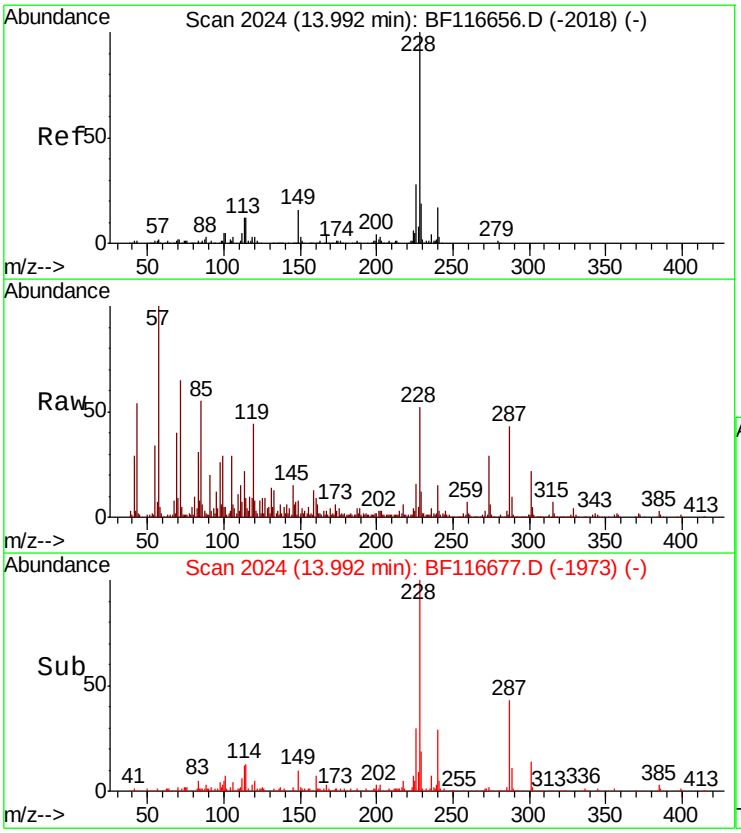
#79
Terphenyl-d14
Concen: 65.136 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 601161

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	14.6	10.2	15.4

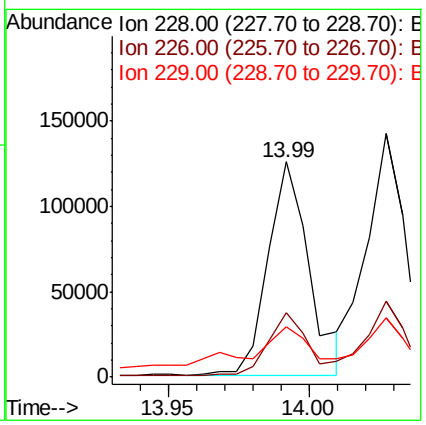


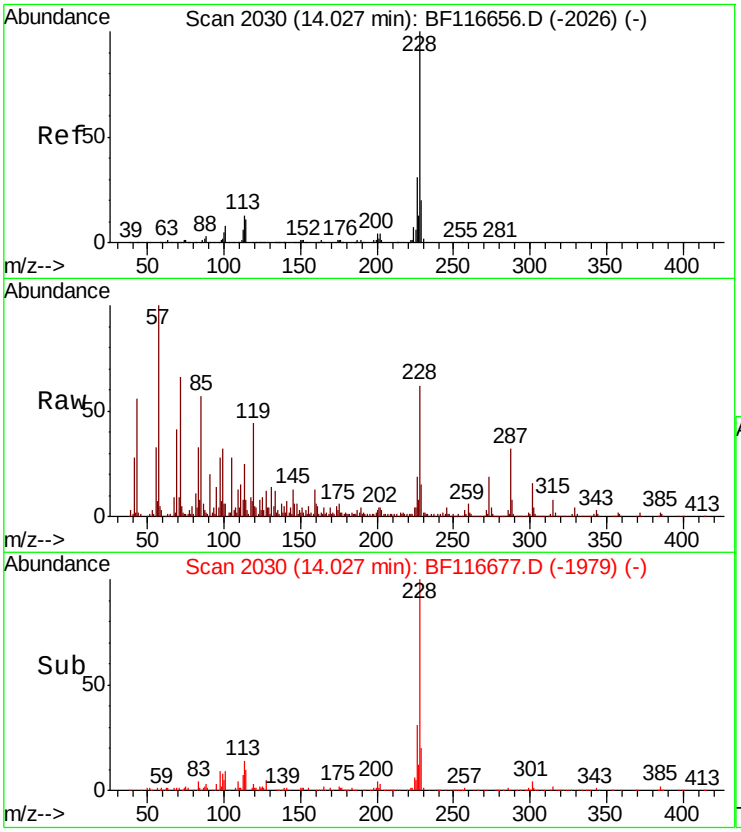


#81
Benzo(a)anthracene
Concen: 11.682 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:228 Resp: 126234

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.0	33.0
229	23.7	16.4	24.6



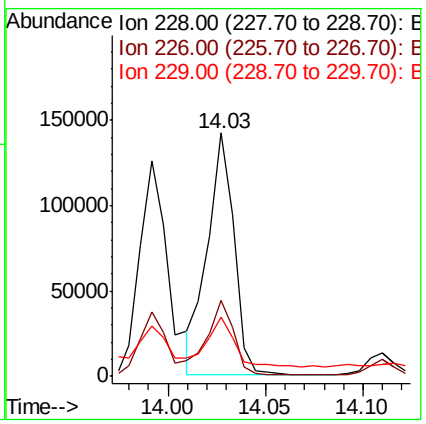


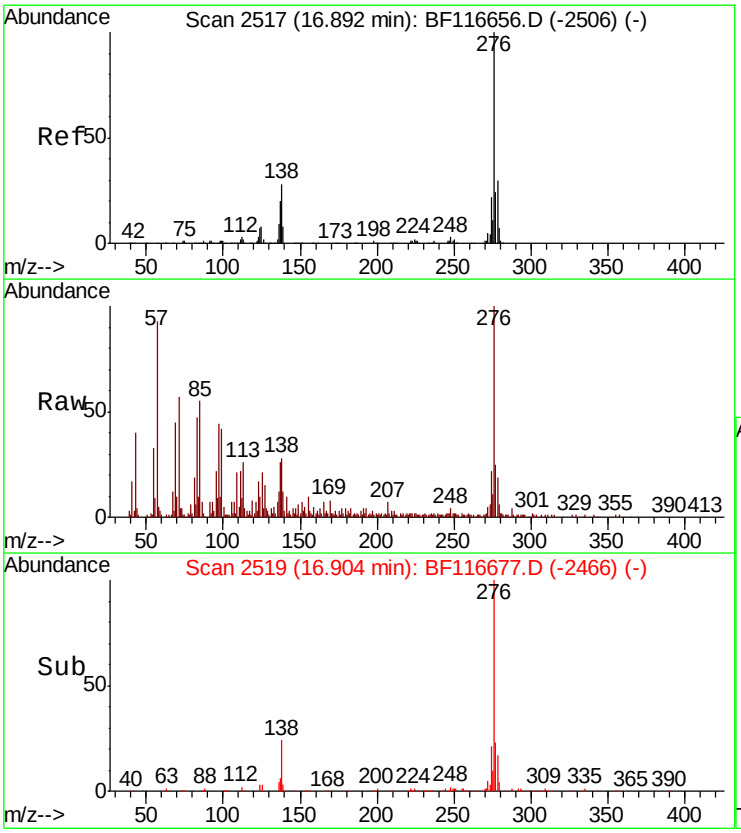
#83
Chrysene
Concen: 12.040 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 134044

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	24.6	15.4	23.0#

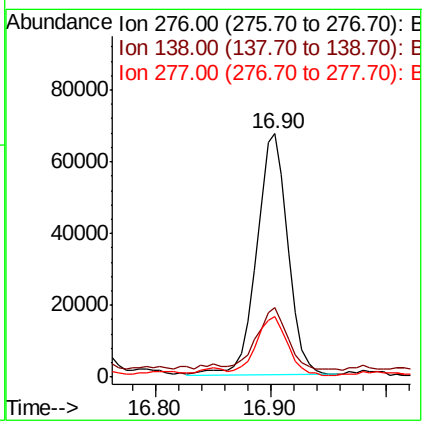


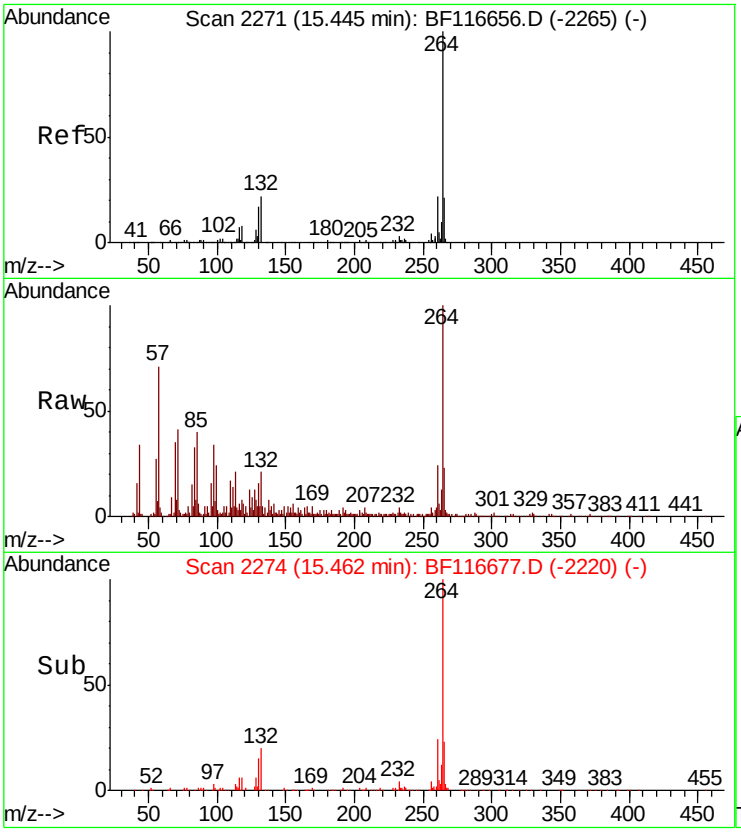


#86
Indeno(1,2,3-cd)pyrene
Concen: 14.166 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:276 Resp: 126675

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.4	29.2
277	24.6	20.5	30.7



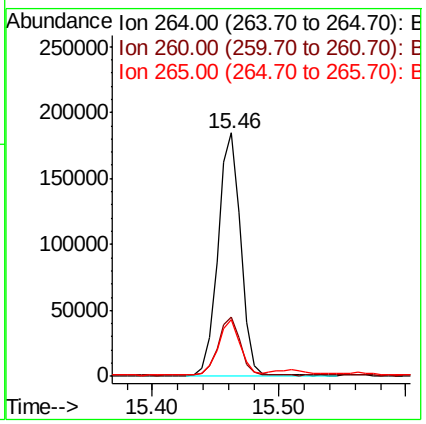


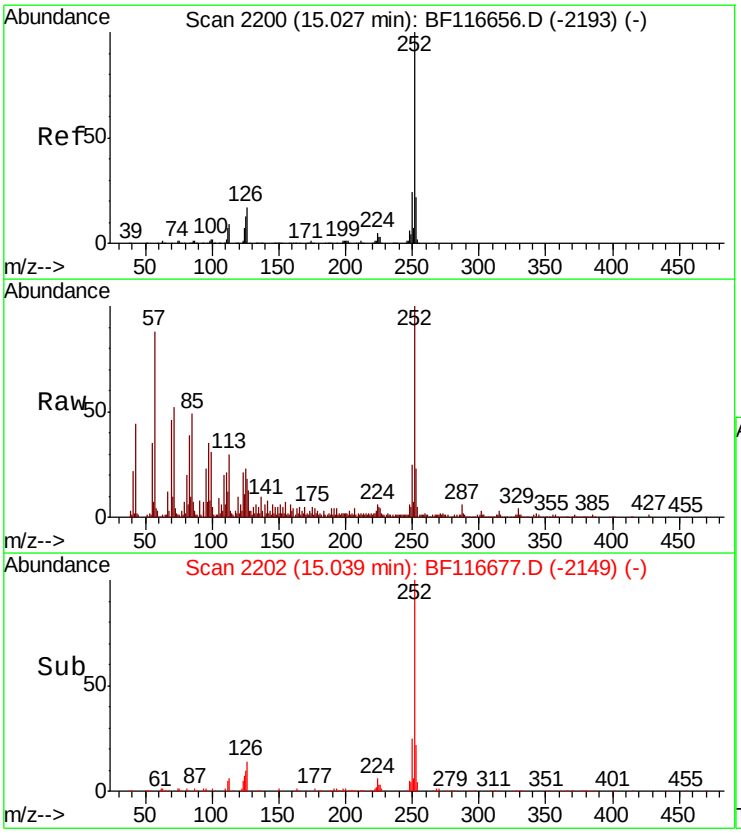
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 228707

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	23.4	16.5	24.7

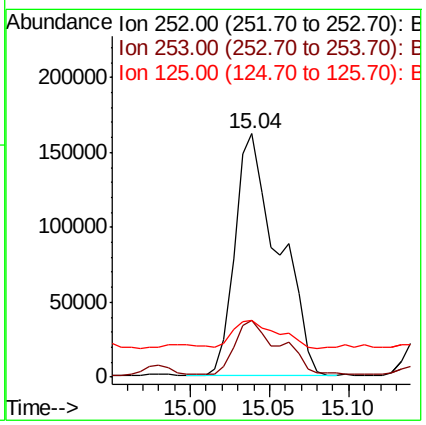


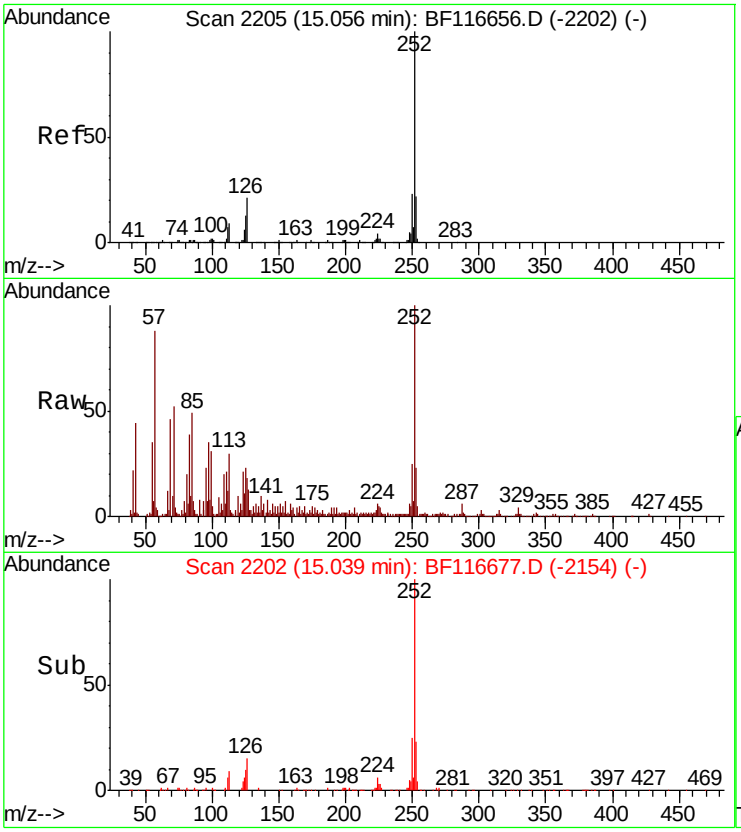


#88
Benzo(b)fluoranthene
Concen: 22.141 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:252 Resp: 306152

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	23.3	8.2	12.2#



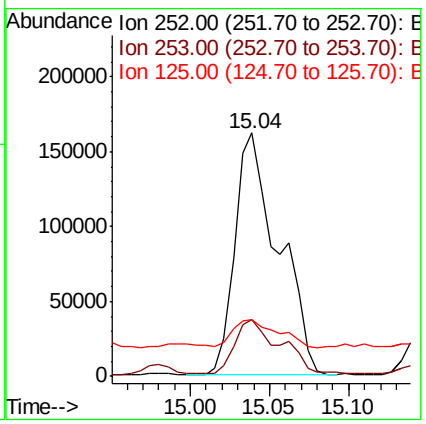


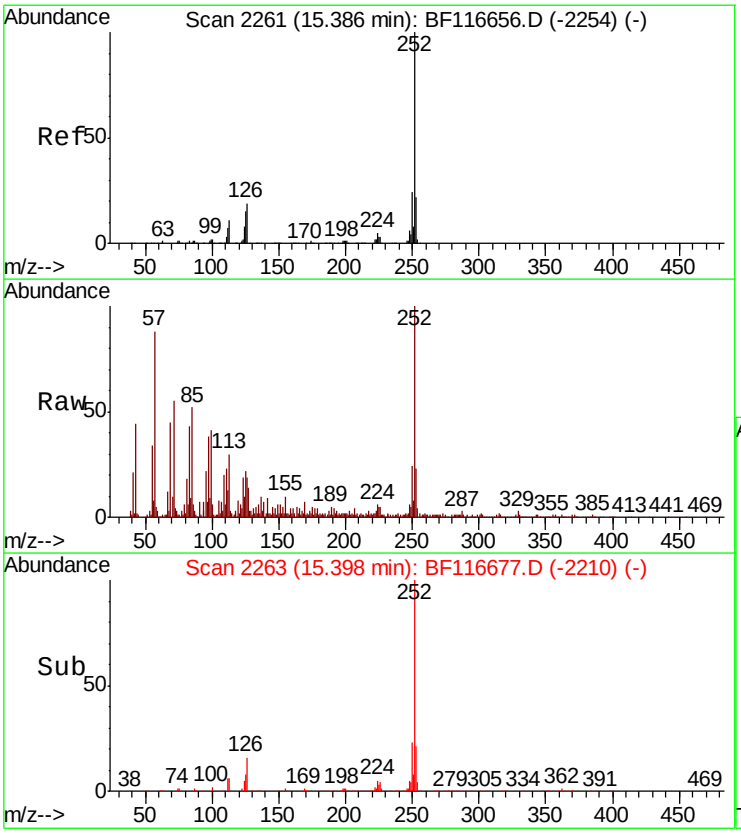
#89
Benzo(k)fluoranthene
Concen: 24.284 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 306152

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	23.3	8.6	13.0#

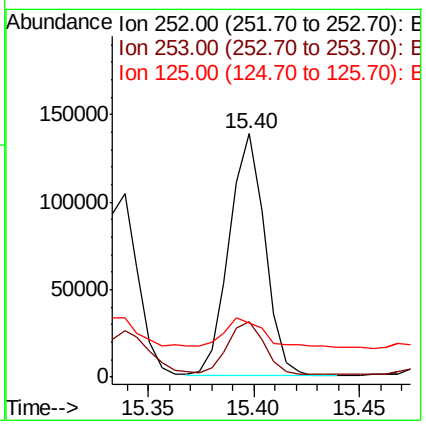


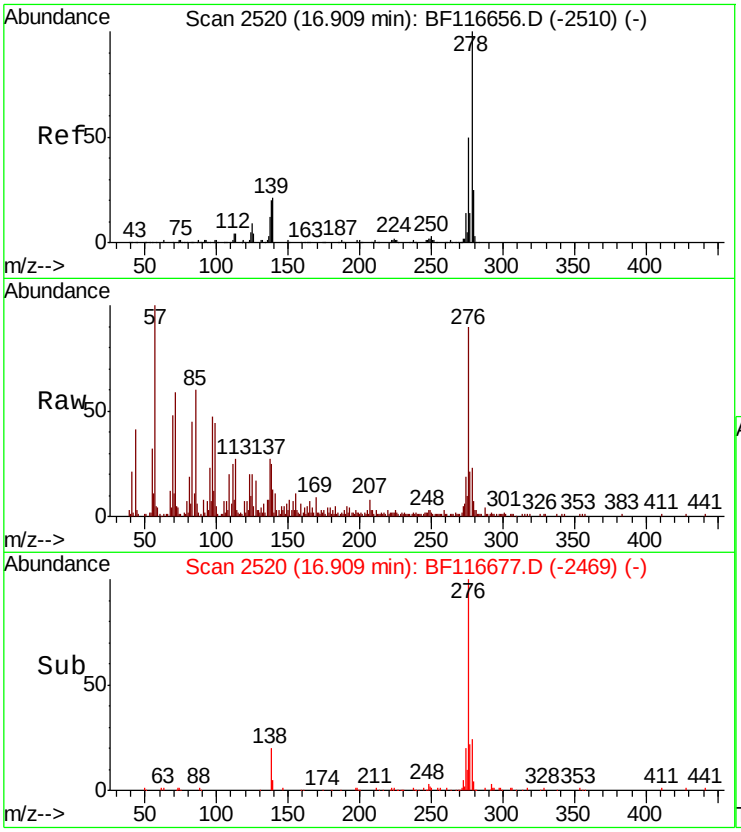


#90
Benzo(a)pyrene
Concen: 13.399 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:252 Resp: 161189

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	22.5	9.8	14.8#



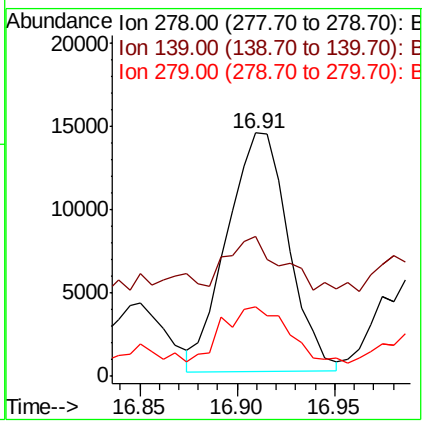


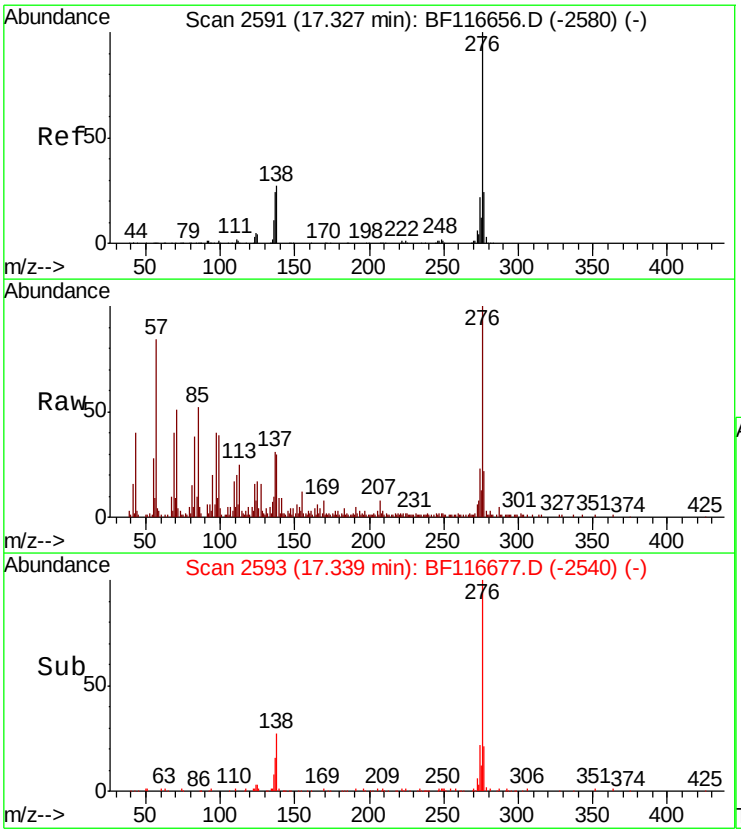
#91
Dibenzo(a,h)anthracene
Concen: 2.991 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 31498

Ion	Ratio	Lower	Upper
278	100		
139	57.3	12.4	18.6#
279	28.4	18.2	27.4#





#92
Benzo(g,h,i)perylene
Concen: 11.823 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116677.D
Acq: 31 Aug 2019 3:46

Tgt Ion:276 Resp: 126970

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.5	27.7
138	29.5	16.2	24.2#