Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116792.D
Acq On : 4 Sep 2019 1:00
Operator : HP/JU
Sample : K4618-03DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 06:06:54 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	127127	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	528299	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	274650	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	452006	20.00	ng		0.00
76) Chrysene-d12	14.00	240	273969	20.00	ng		0.00
87) Perylene-d12	15.45	264	310505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	133737	17.04	ng		0.00
7) Phenol-d6	6.47	99	186933	18.14	ng		-0.01
23) Nitrobenzene-d5	7.40	82	95874	10.36	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	32385	17.64	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	137343	8.44	ng		-0.01
79) Terphenyl-d14	12.94	244	124490	8.41	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.40	82	95872	5.113	ng	#	66
31) Naphthalene	8.15	128	401191	15.970	ng		100
33) 4-Chloroaniline	8.15	127	49892	4.363	ng	#	32
37) 2-Methylnaphthalene	8.84	142	117190	7.011	ng		95
38) 1-Methylnaphthalene	8.94	142	87147	5.523	ng		95
46) 1,1'-Biphenyl	9.30	154	43967	2.110	ng		98
49) Acenaphthylene	9.74	152	54036	2.166	ng	#	95
51) 2,6-Dinitrotoluene	9.88	165	40607	11.224	ng	#	21
52) Acenaphthene	9.92	154	270300	17.631	ng		98
55) Dibenzofuran	10.09	168	298322	13.803	ng		96
56) 4-Nitrophenol	10.09	139	109144	35.109	ng	#	3
58) Fluorene	10.43	166	350061	21.257	ng		98
65) 4,6-Dinitro-2-methylphenol	10.75	198	270	7.588	ng	#	1
71) Phenanthrene	11.40	178	2384010	94.748	ng		97
72) Anthracene	11.45	178	814066	32.140	ng		99
73) Carbazole	11.59	167	299163	12.399	ng		98
75) Fluoranthene	12.58	202	2024380	81.867	ng		95
78) Pyrene	12.81	202	1851756	76.035	ng		97
81) Benzo(a)anthracene	13.99	228	702732	40.528	ng		99
83) Chrysene	13.99	228	702732	39.338	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	254801	17.758	ng		97
88) Benzo(b)fluoranthene	15.03	252	899140	47.896	ng	#	96
89) Benzo(k)fluoranthene	15.03	252	899140	52.531	ng	#	96
90) Benzo(a)pyrene	15.39	252	540075	33.068	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	59383	4.154	ng	#	79
92) Benzo(g,h,i)perylene	17.33	276	221206	15.172	ng	#	93

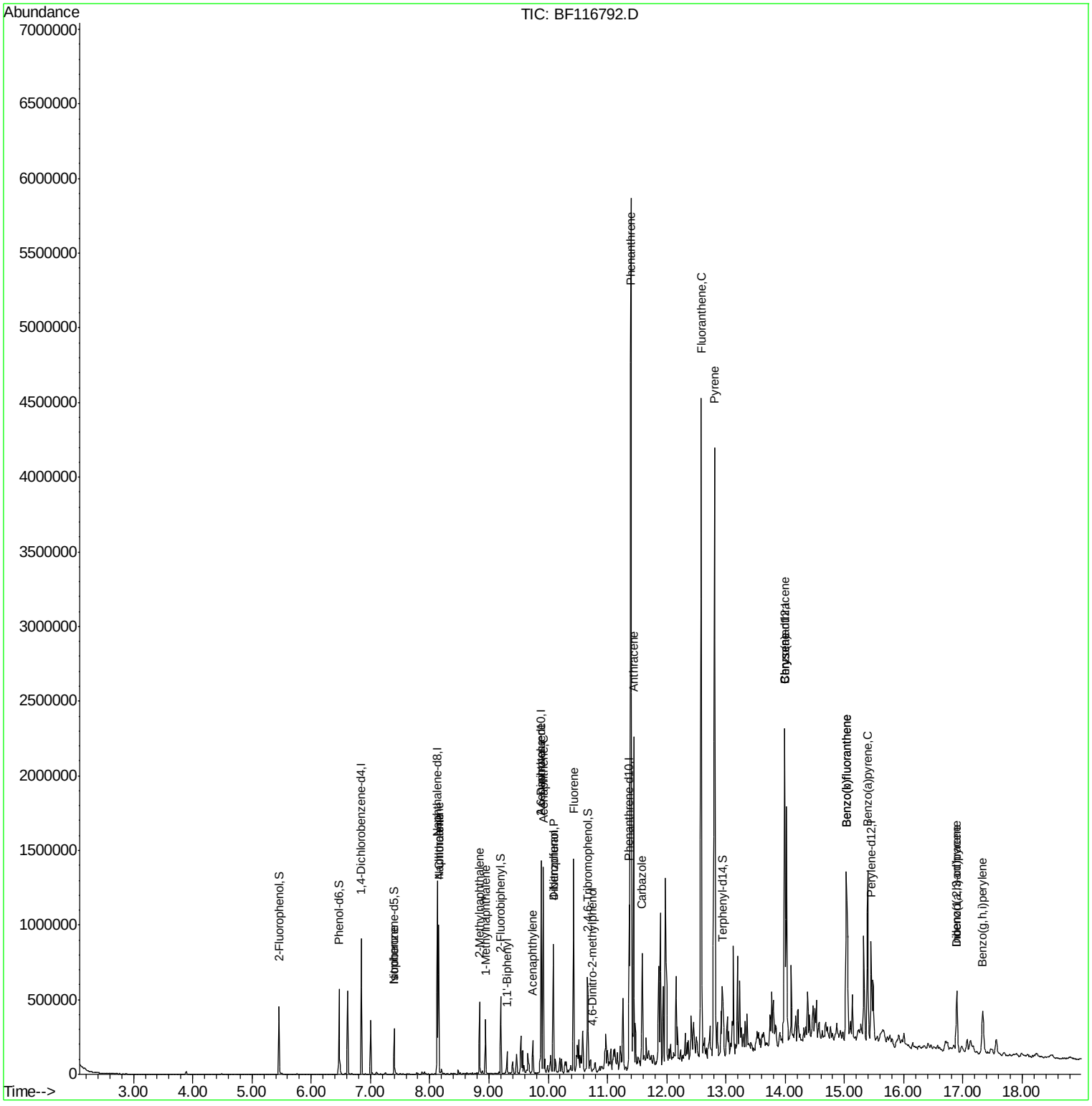
(#) = qualifier out of range (m) = manual integration (+) = signals summed

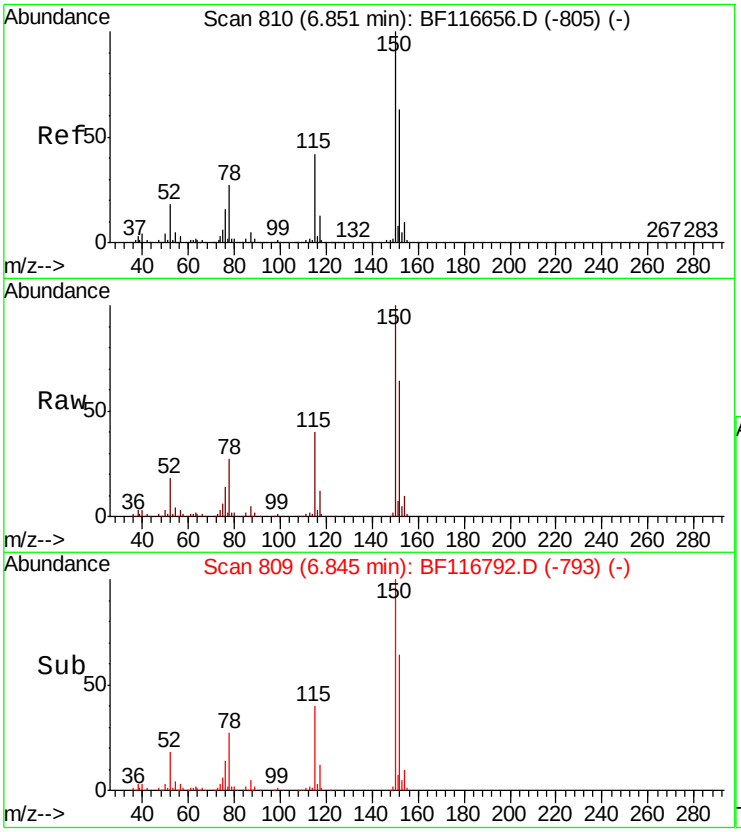
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116792.D
Acq On : 4 Sep 2019 1:00
Operator : HP/JU
Sample : K4618-03DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 04 06:06:54 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



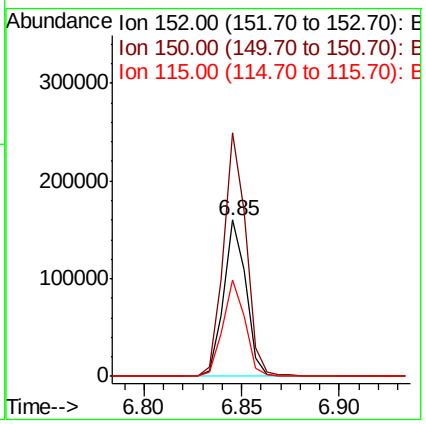


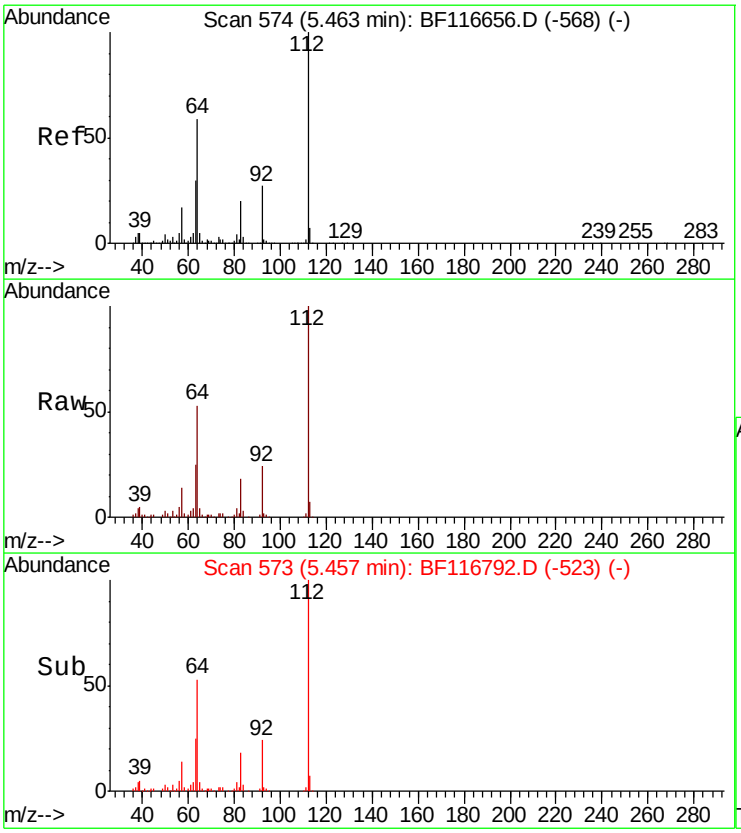
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 127127

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.4	186.6
115	61.9	49.9	74.9

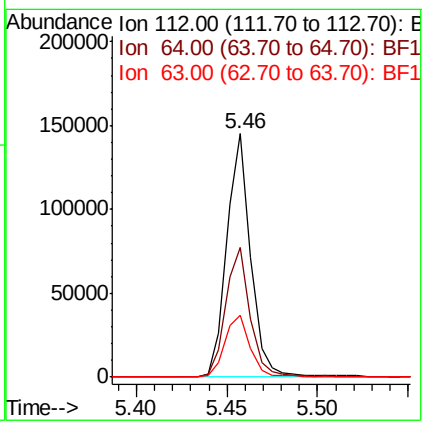


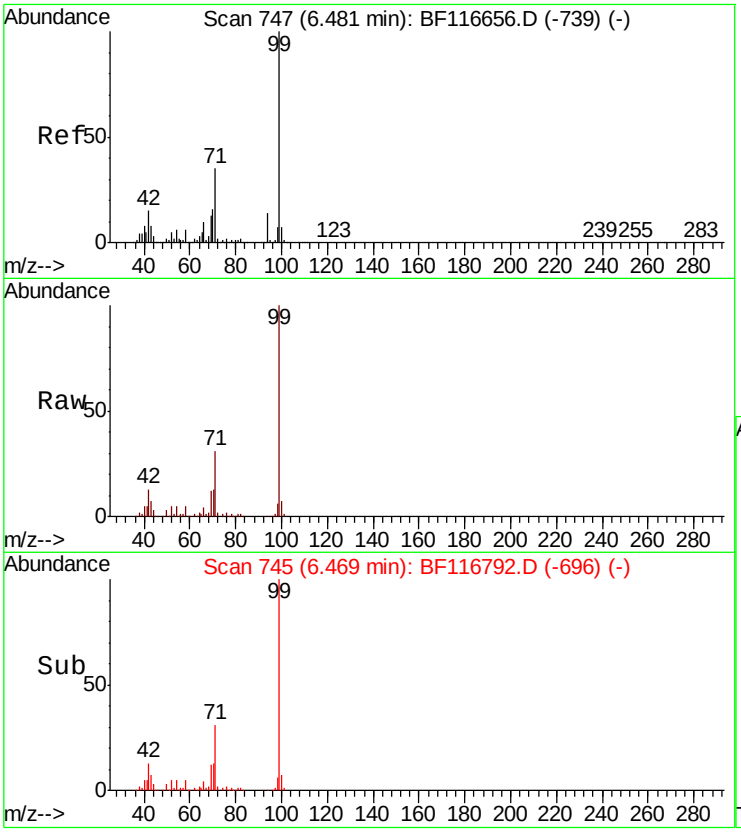


#5
2-Fluorophenol
Concen: 17.043 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:112 Resp: 133737

Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.1	70.7
63	25.4	24.9	37.3



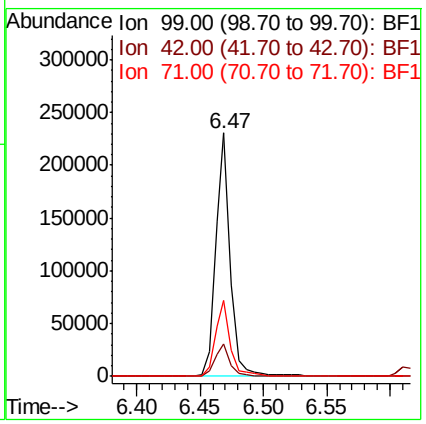


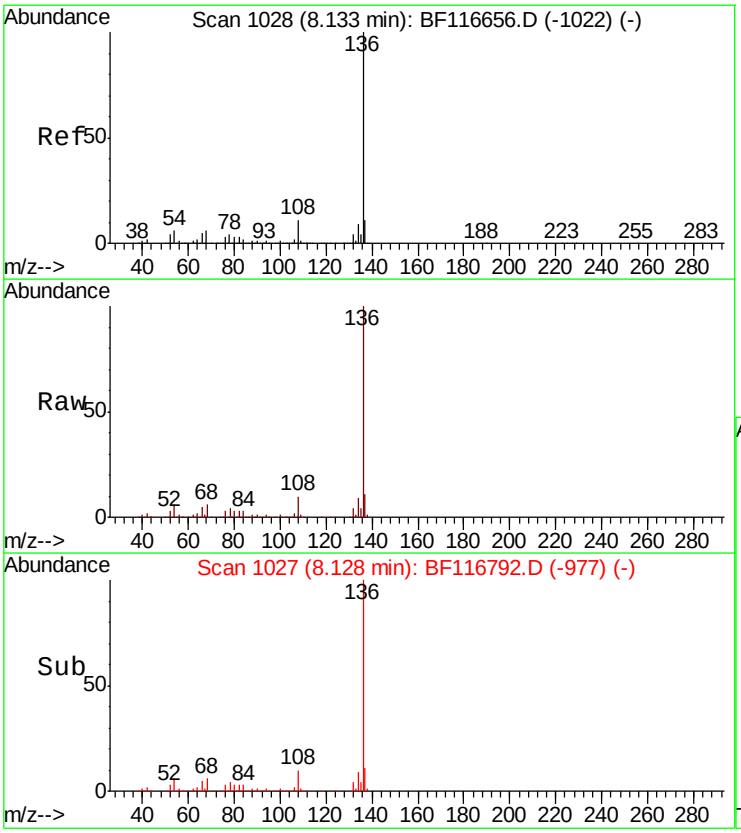
#7
Phenol-d6
Concen: 18.142 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 186933

Ion	Ratio	Lower	Upper
99	100		
42	13.2	13.7	20.5#
71	31.2	30.8	46.2

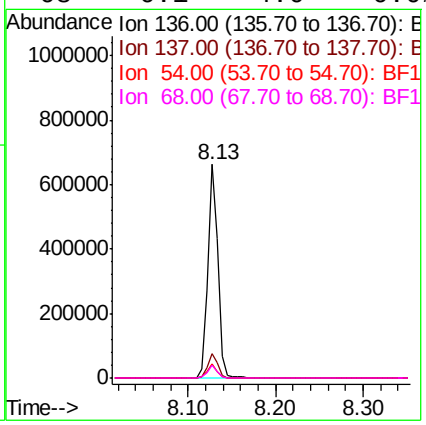


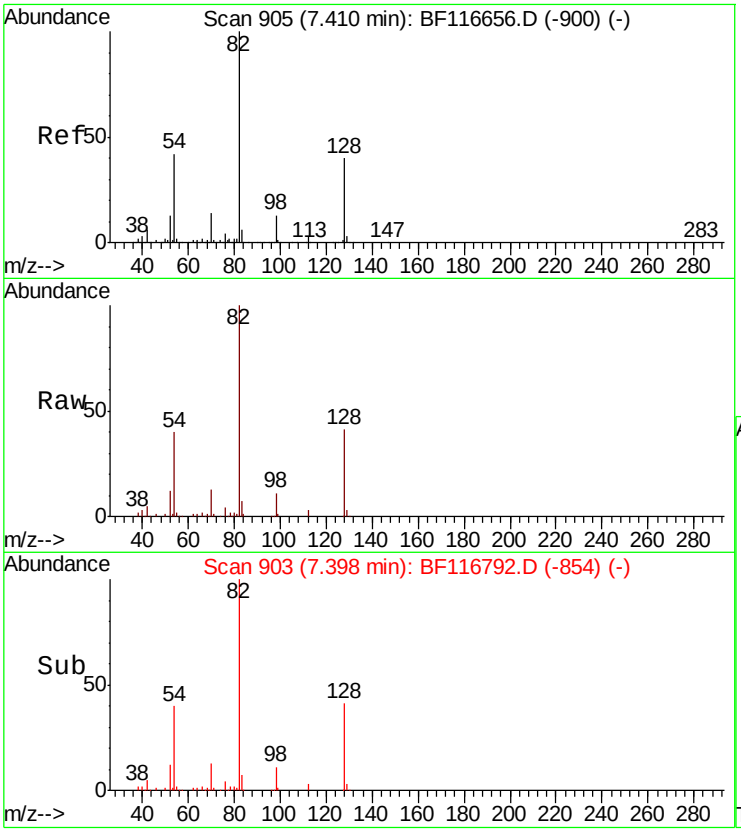


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:136 Resp: 528299

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	4.8	7.2
68	6.1	4.0	6.0#



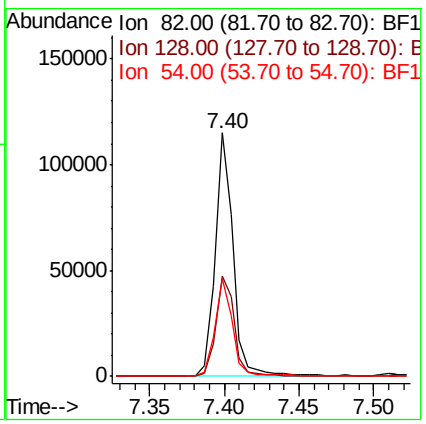


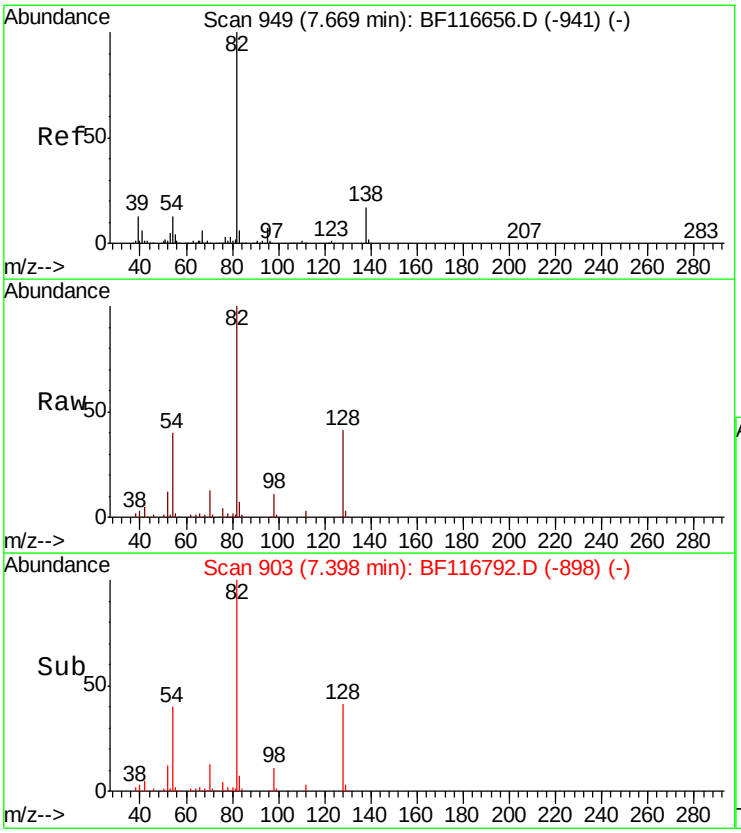
#23
Nitrobenzene-d5
Concen: 10.360 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 95874

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	40.1	36.9	55.3

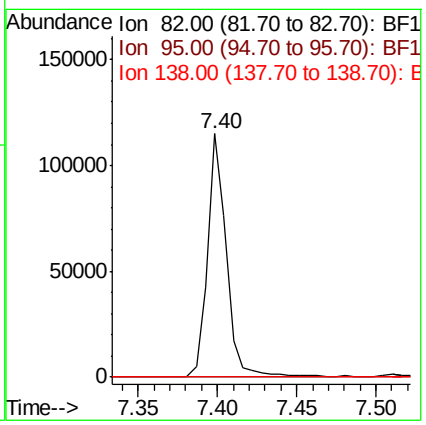


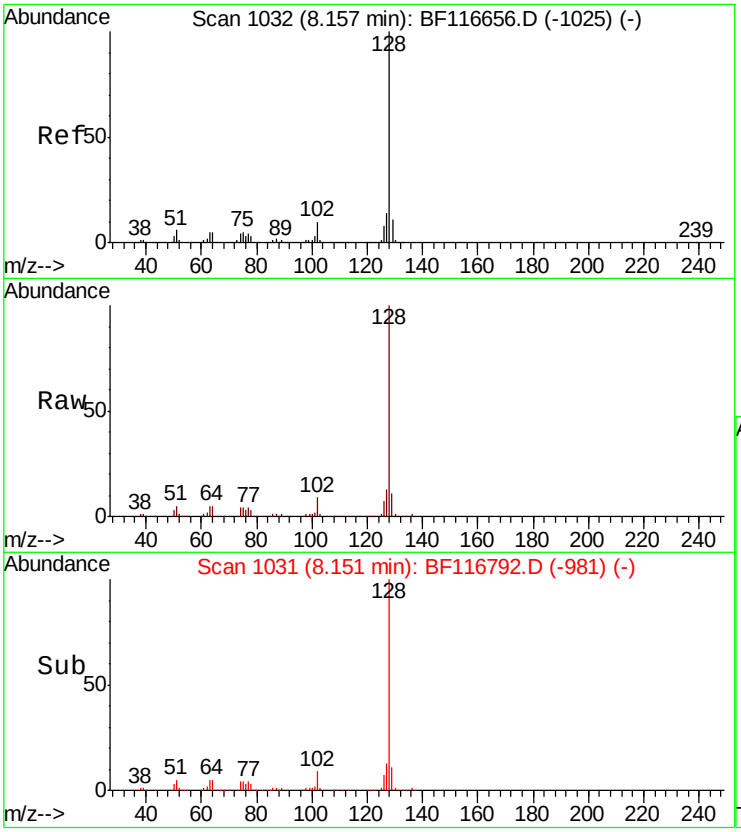


#25
Isophorone
Concen: 5.113 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion: 82 Resp: 95872

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



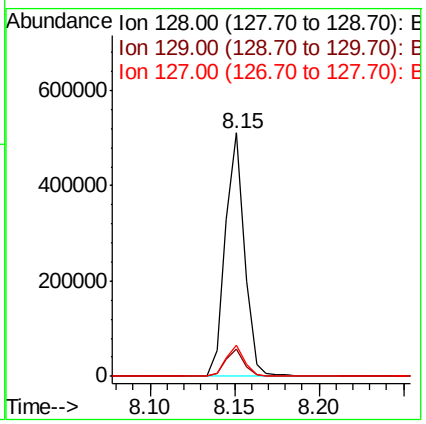


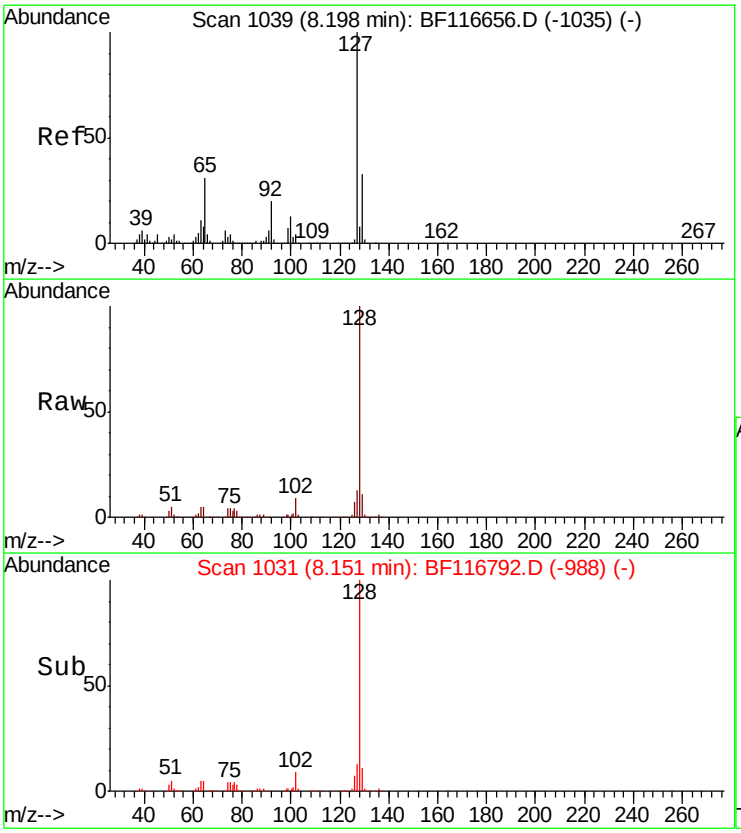
#31
Naphthalene
Concen: 15.970 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 401191

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.9	10.4	15.6

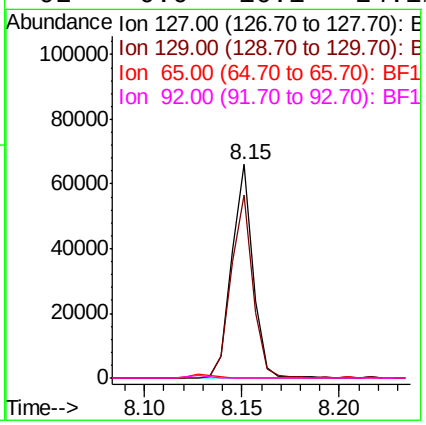


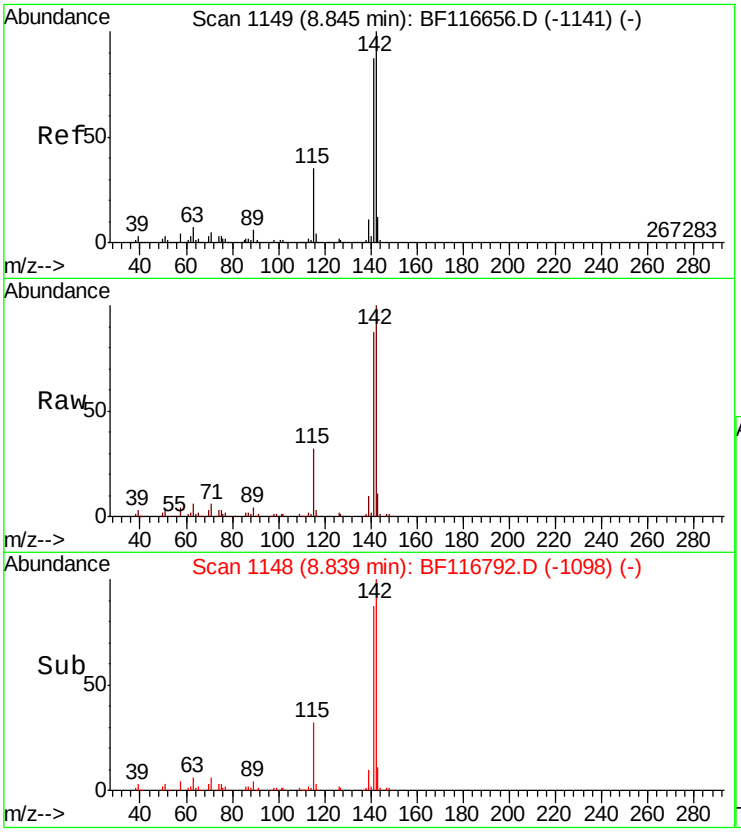


#33
4-Chloroaniline
Concen: 4.363 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:127 Resp: 49892

Ion	Ratio	Lower	Upper
127	100		
129	85.5	26.2	39.2#
65	0.0	26.0	39.0#
92	0.0	16.1	24.1#



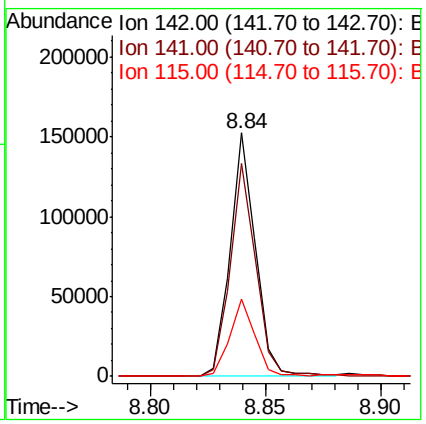


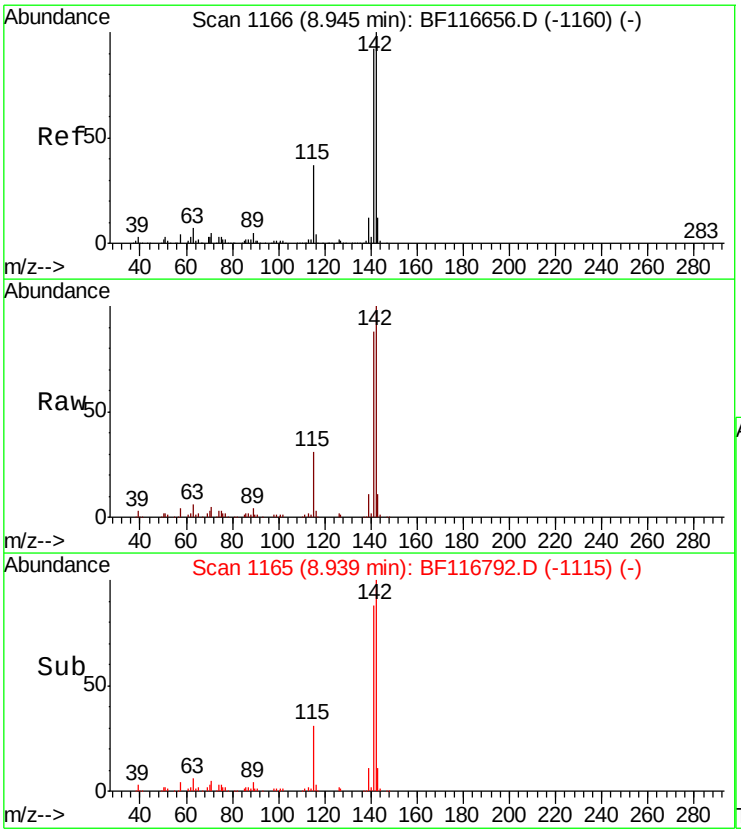
#37
2-Methylnaphthalene
Concen: 7.011 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 117190

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.6	109.0
115	31.8	29.8	44.6

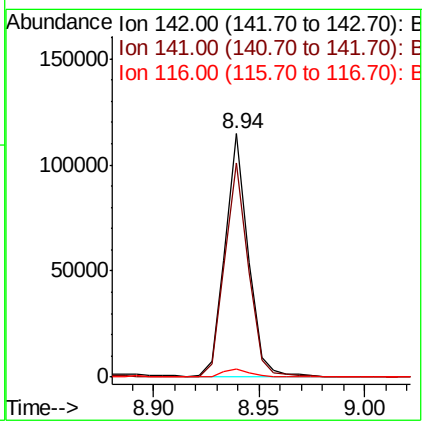


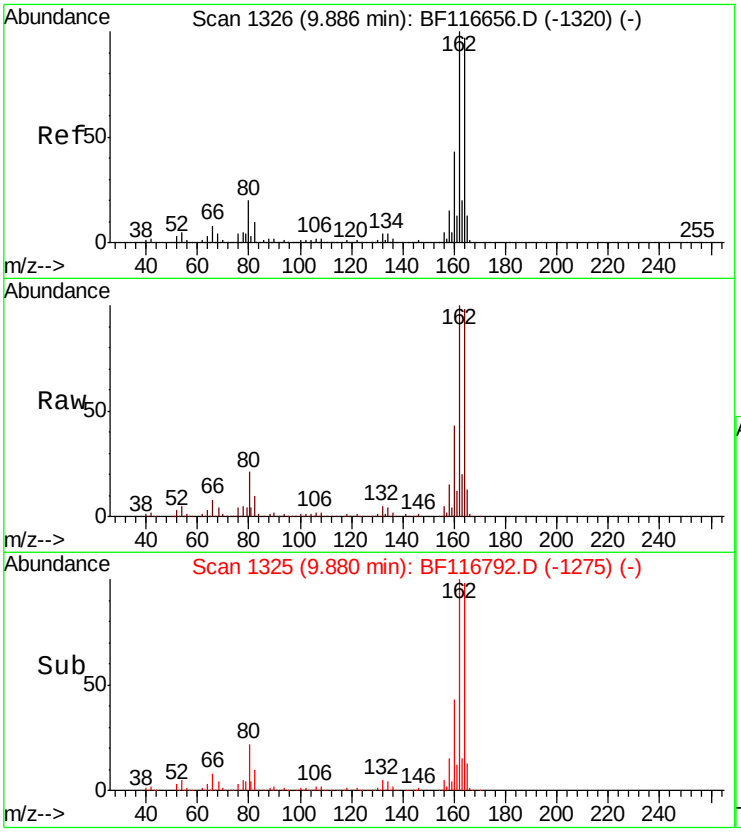


#38
1-Methylnaphthalene
Concen: 5.523 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:142 Resp: 87147

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.9	110.9
116	3.5	3.0	4.6



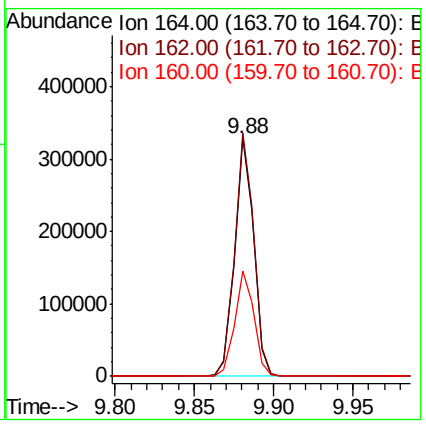


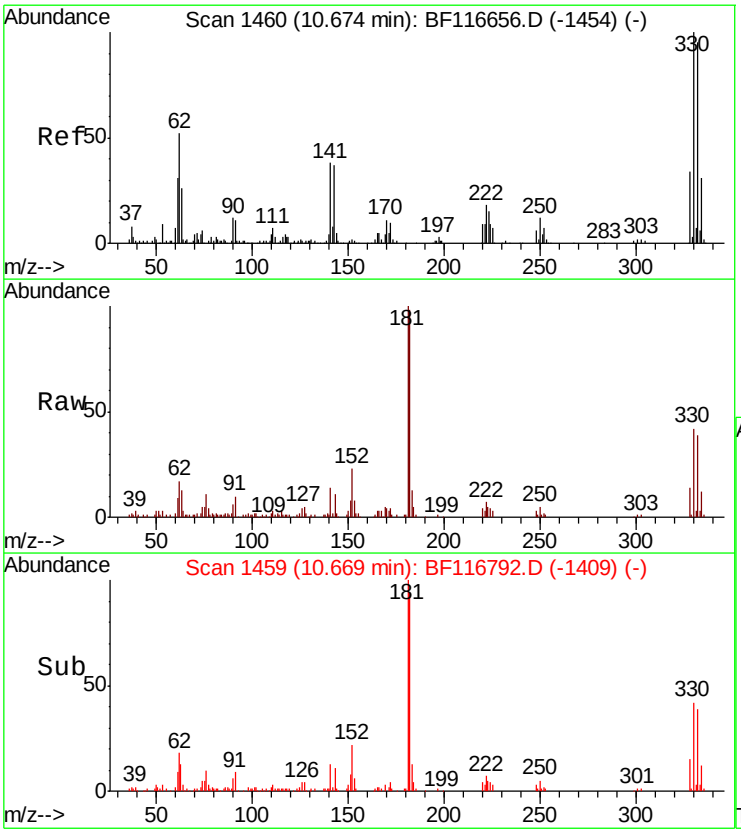
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 274650

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.0	35.4	53.2

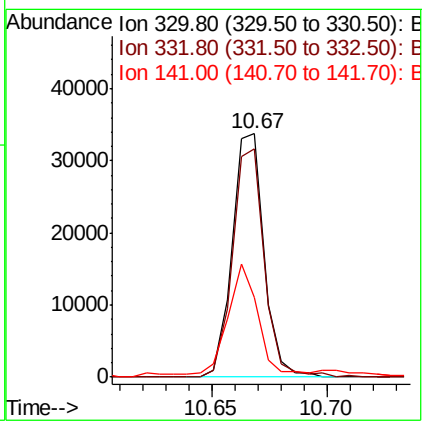


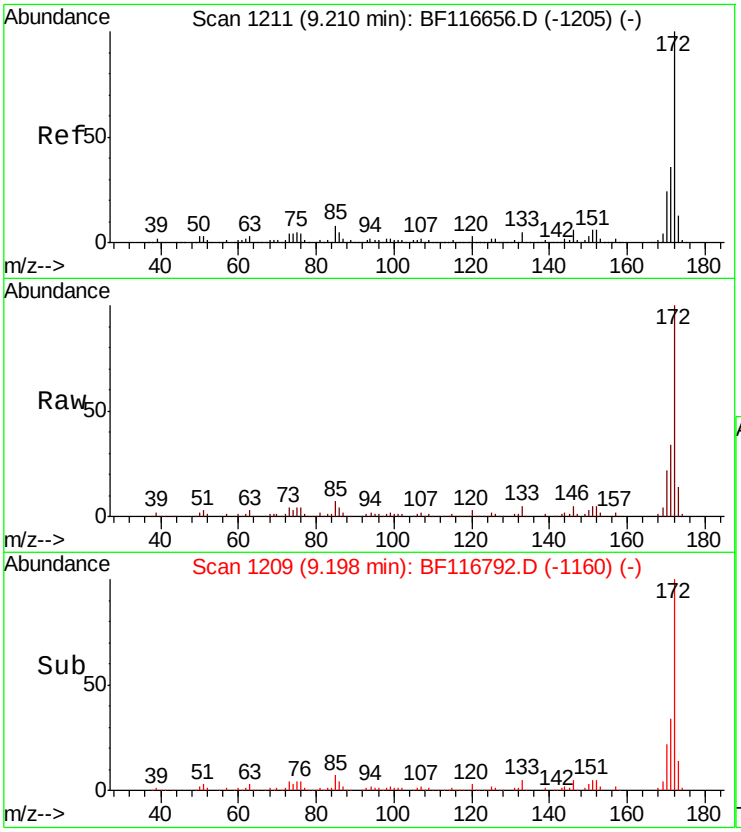


#42
2,4,6-Tribromophenol
Concen: 17.638 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:330 Resp: 32385

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.9	115.3
141	42.7	31.4	47.2



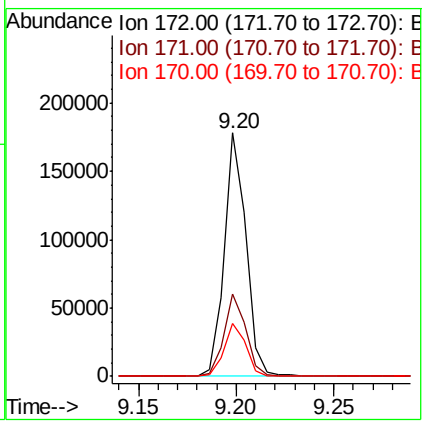


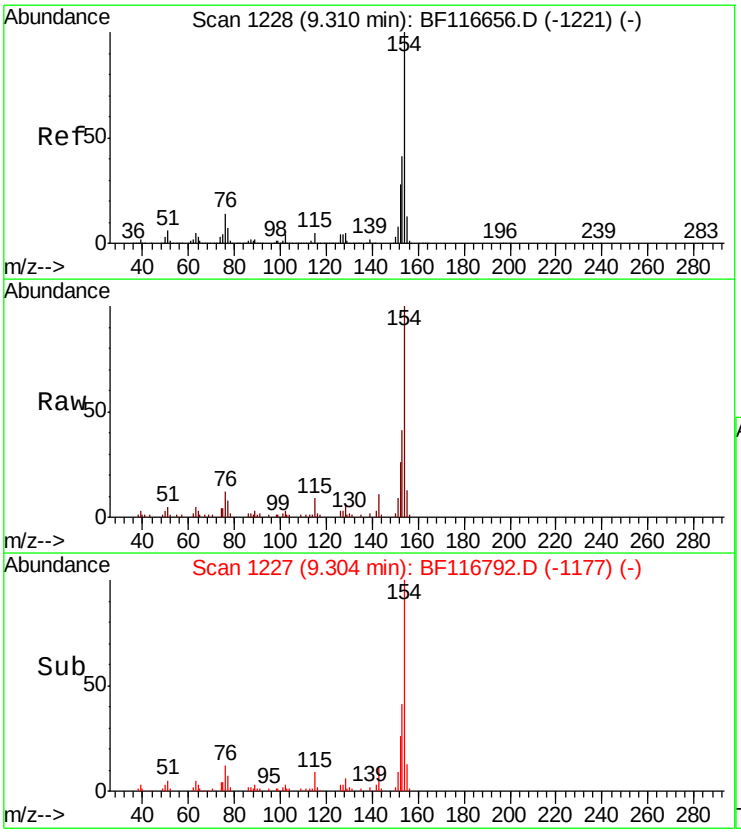
#45
2-Fluorobiphenyl
Concen: 8.436 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 137343

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.8	41.6
170	22.0	18.9	28.3

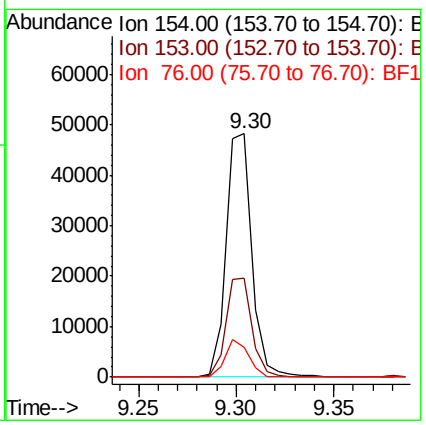


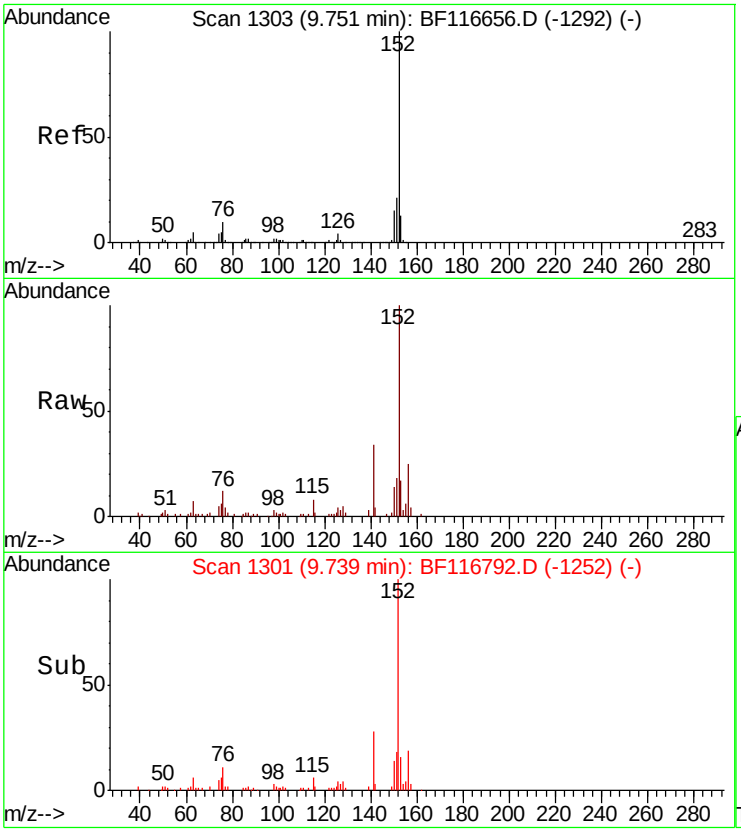


#46
1,1'-Biphenyl
Concen: 2.110 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:154 Resp: 43967

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.4	0.0	30.9



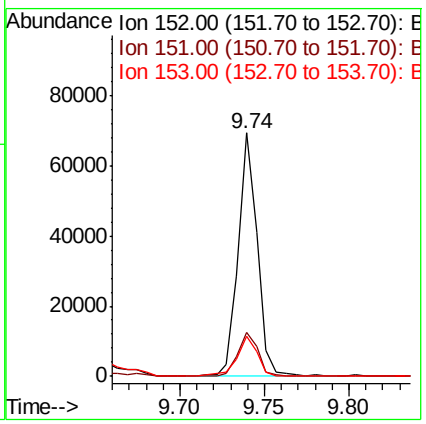


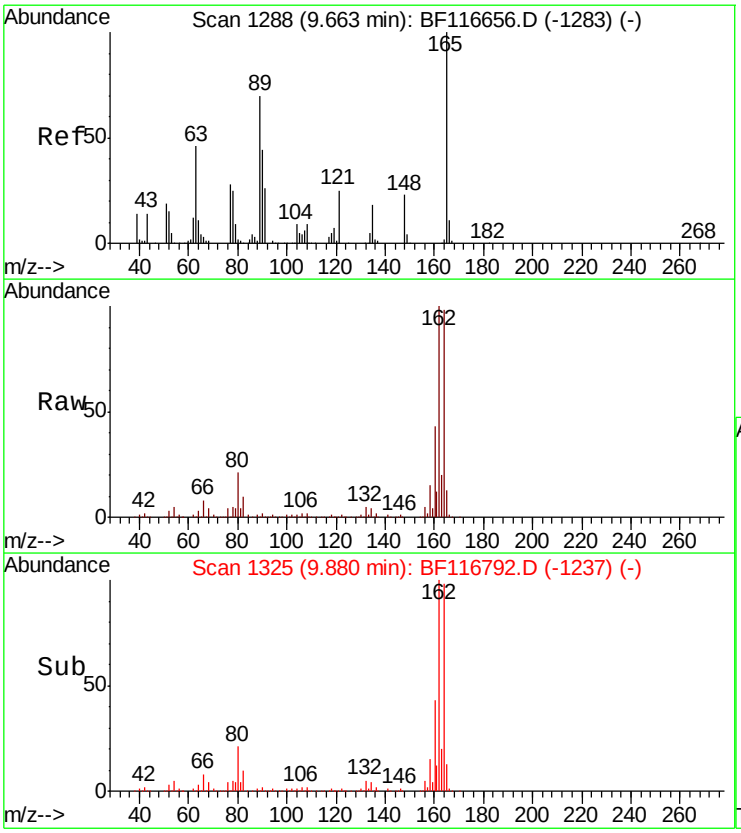
#49
Acenaphthylene
Concen: 2.166 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54036

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.9	23.9
153	16.7	10.9	16.3#

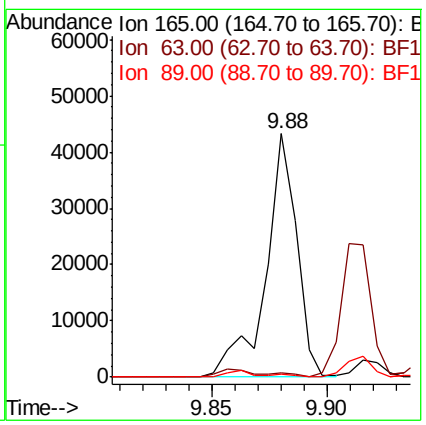


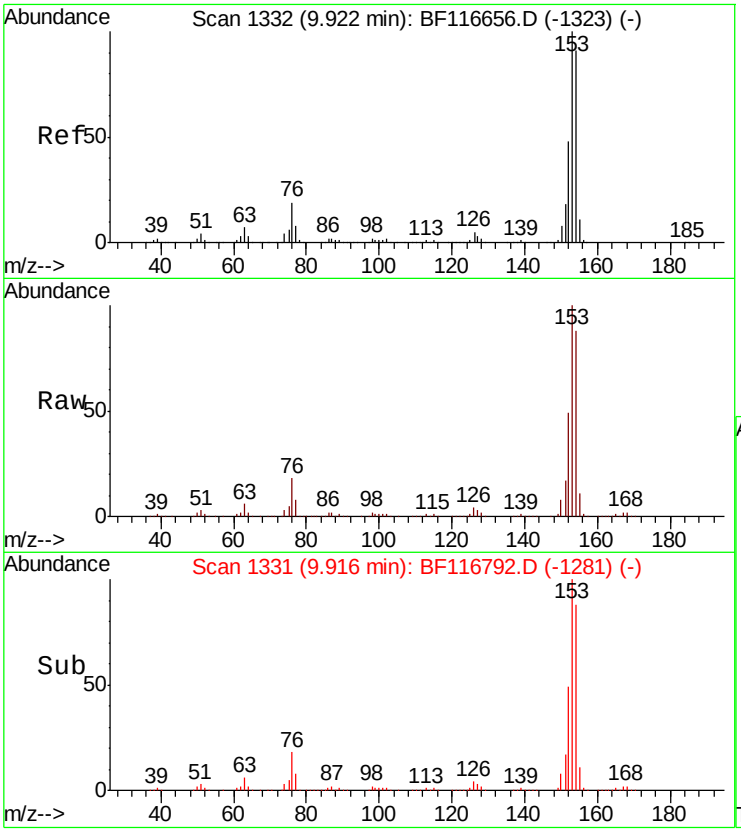


#51
2,6-Dinitrotoluene
Concen: 11.224 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:165 Resp: 40607

Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.3	70.9#
89	1.4	52.5	78.7#

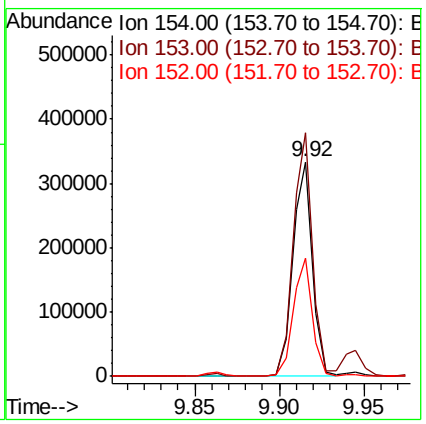




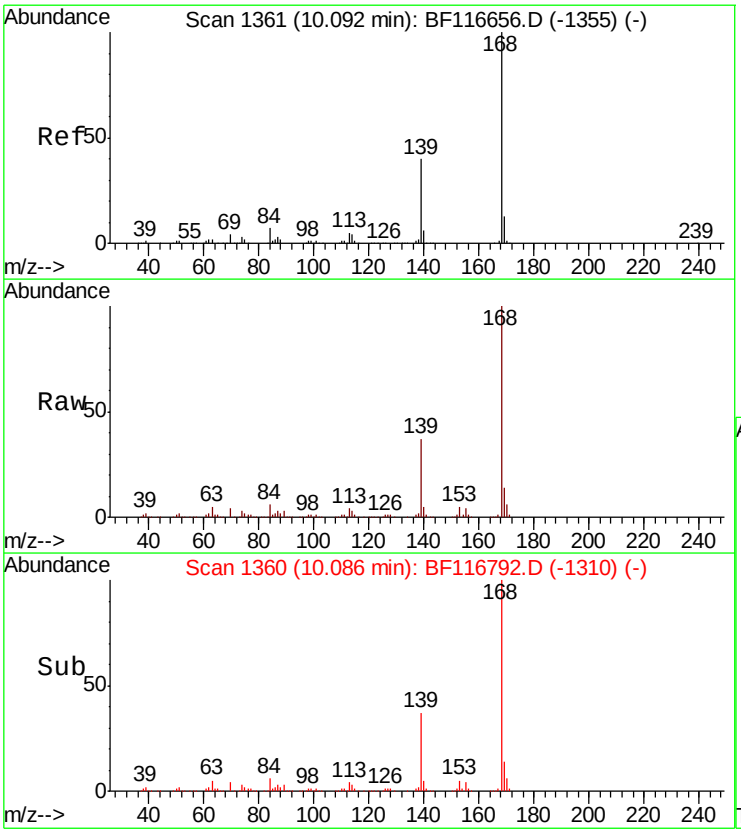
#52
Acenaphthene
Concen: 17.631 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:154 Resp: 270300

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	55.3	41.9	62.9



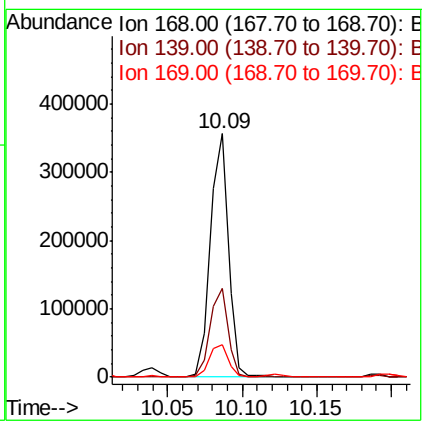
Instrument :
BNA_F
ClientSampleId :

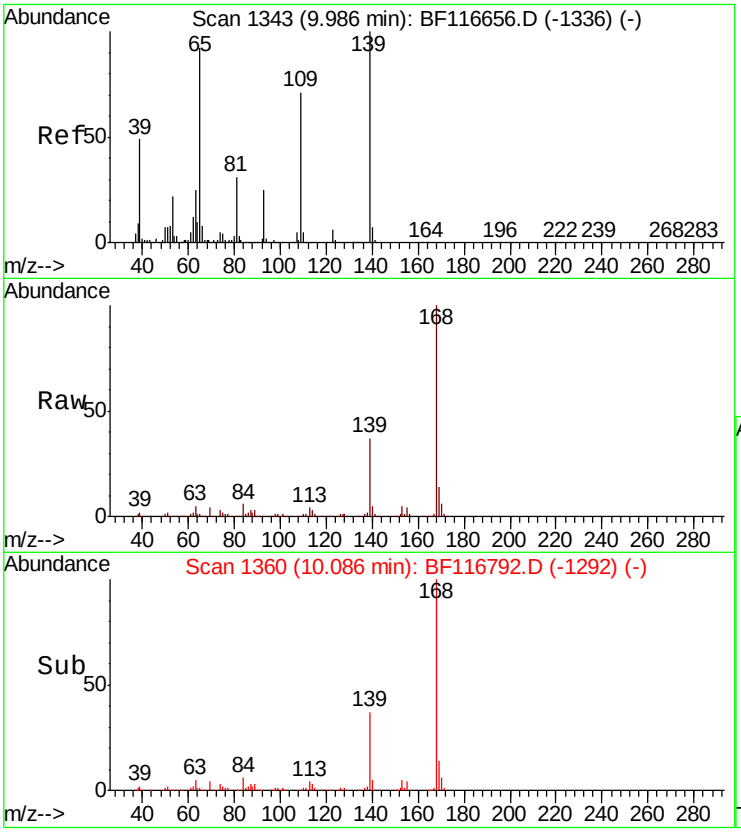


#55
Dibenzofuran
Concen: 13.803 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:168 Resp: 298322

Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.5	47.3
169	13.6	10.3	15.5



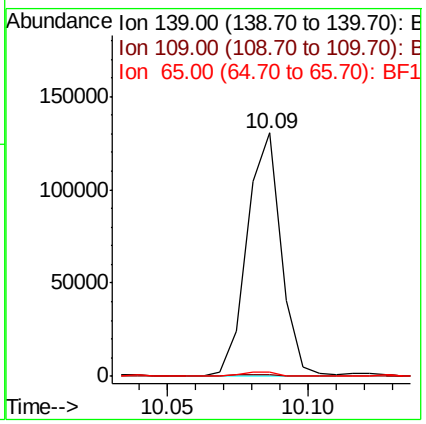


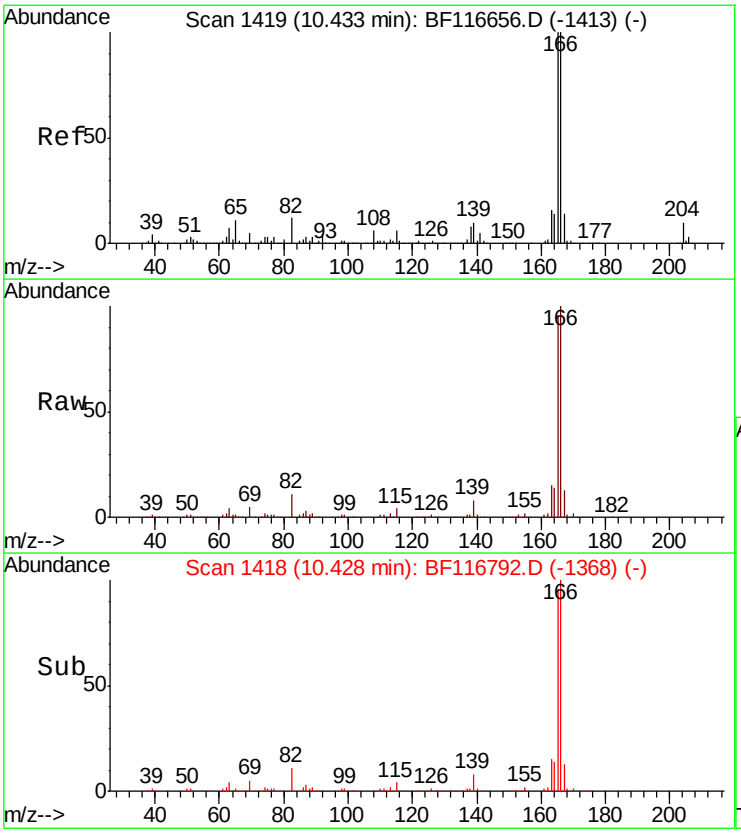
#56
4-Nitrophenol
Concen: 35.109 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.10 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 109144

Ion	Ratio	Lower	Upper
139	100		
109	0.9	61.7	101.7#
65	1.6	89.1	129.1#

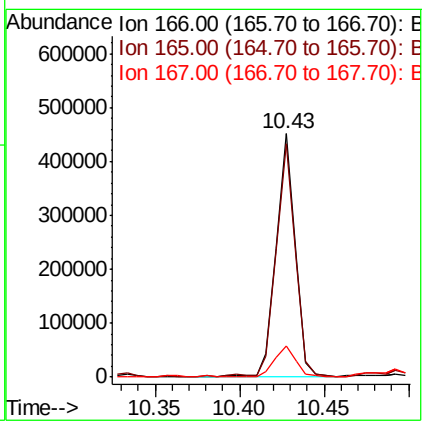


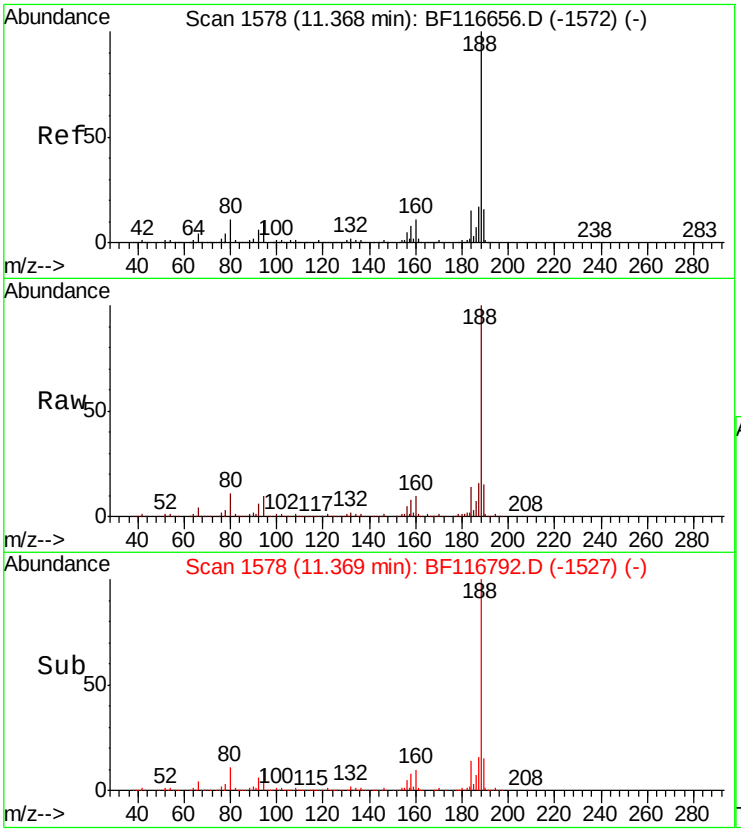


#58
Fluorene
Concen: 21.257 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:166 Resp: 350061

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.8	118.2
167	12.9	10.0	15.0



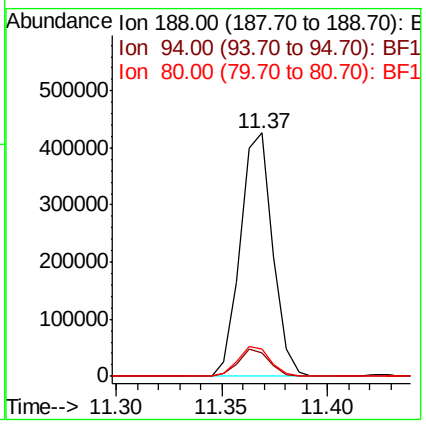


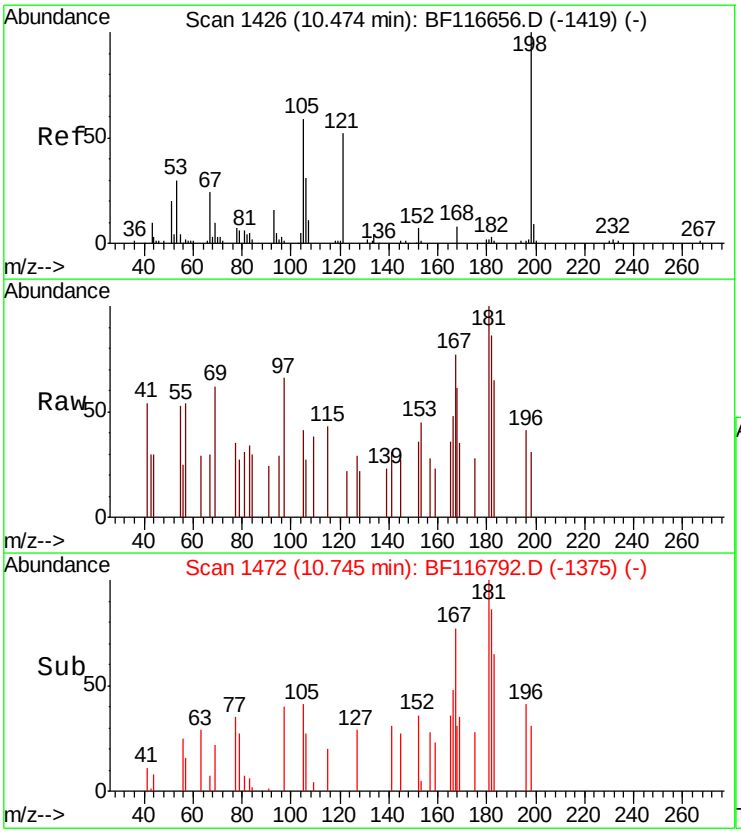
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 452006

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.3	10.9
80	11.0	8.4	12.6

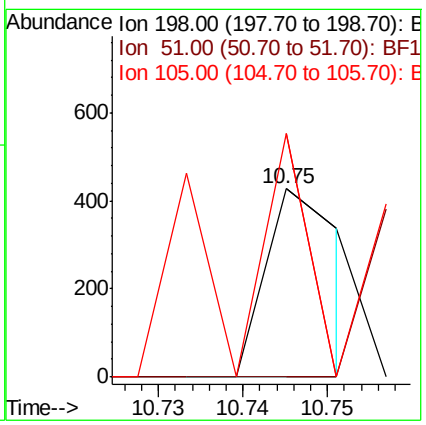


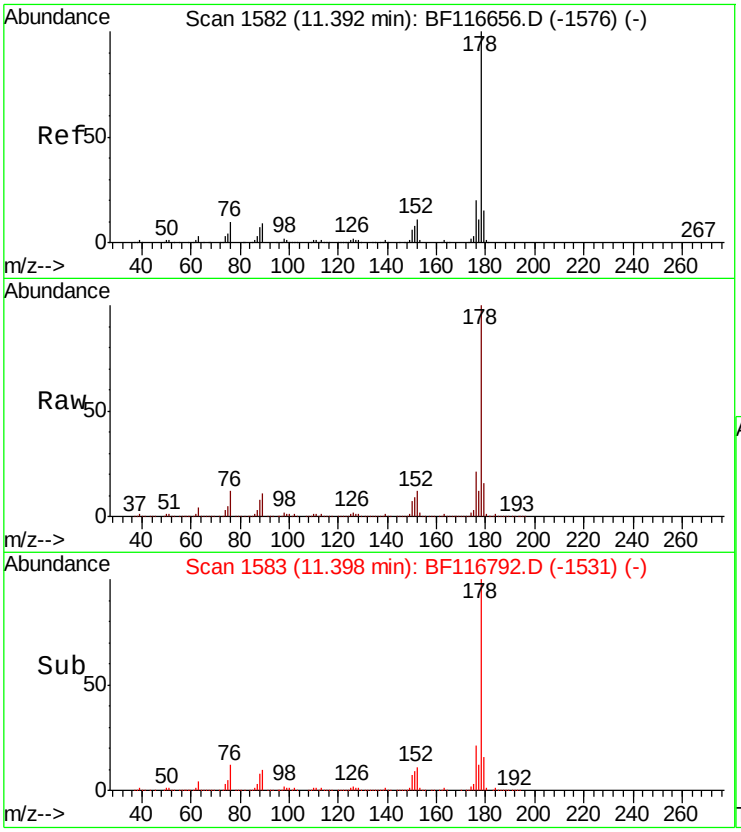


#65
4,6-Dinitro-2-methylphenol
Concen: 7.588 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.27 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:198 Resp: 270

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.4	58.4#
105	129.5	22.9	62.9#



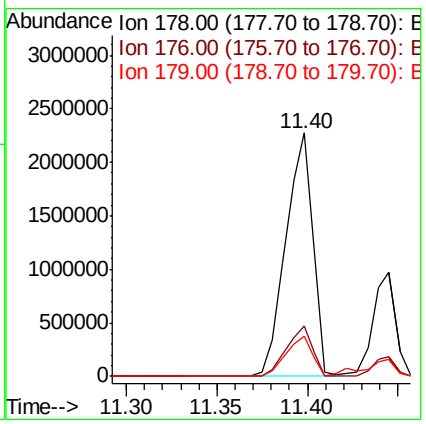


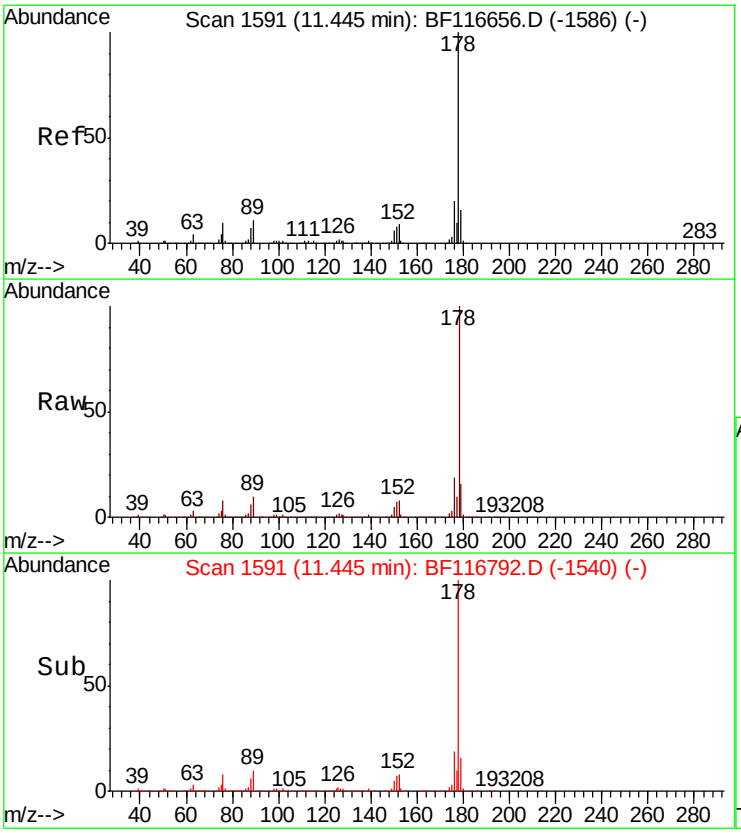
#71
Phenanthrene
Concen: 94.748 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2384010

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.0
179	16.4	12.2	18.2

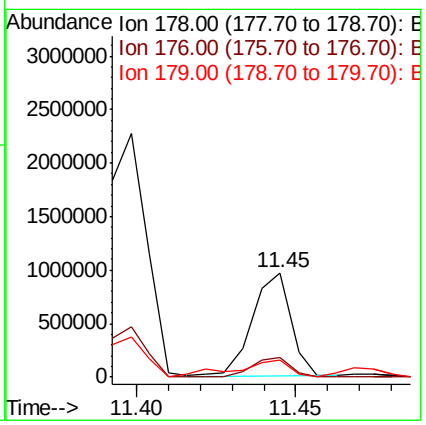


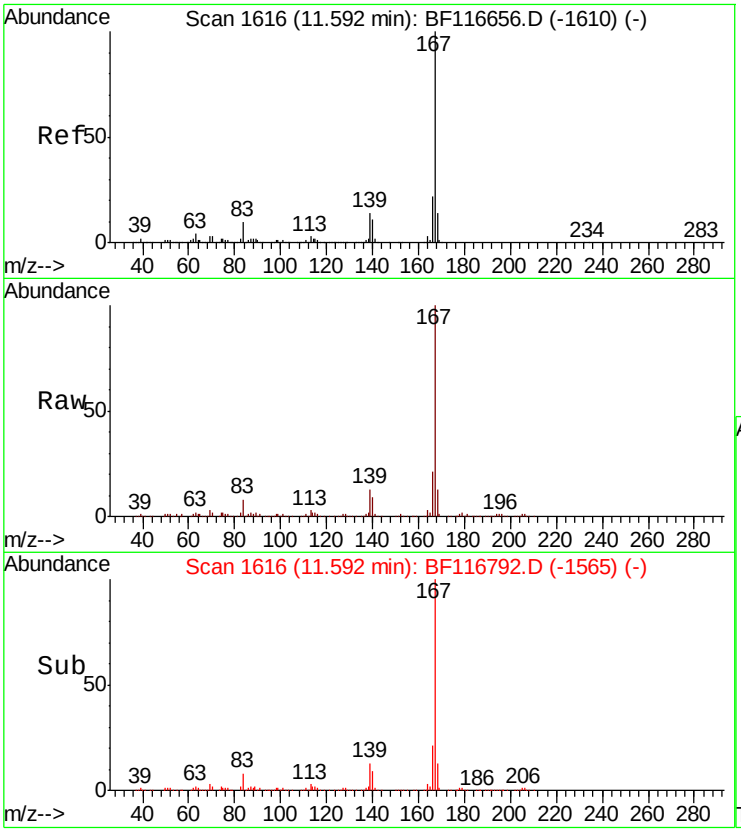


#72
Anthracene
Concen: 32.140 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:178 Resp: 814066

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.8	12.5	18.7



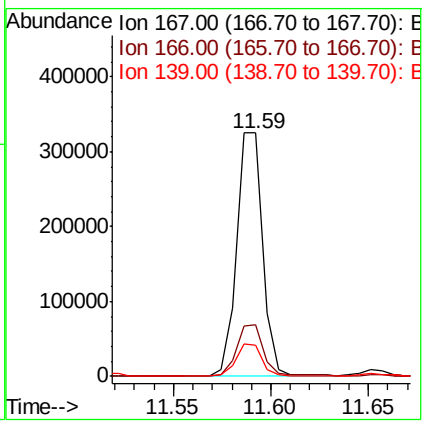


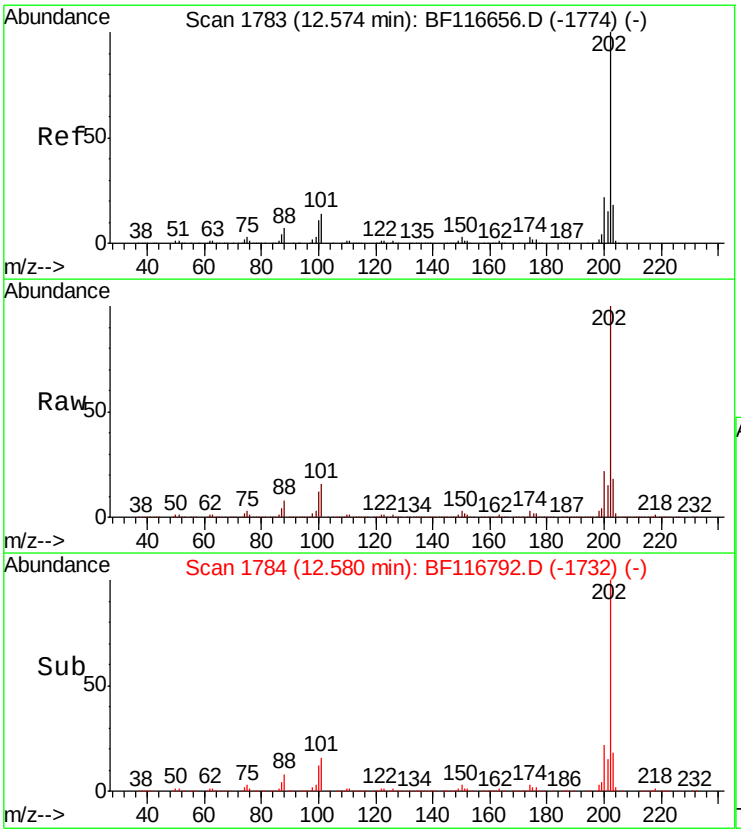
#73
Carbazole
Concen: 12.399 ng
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 299163

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	12.7	11.1	16.7

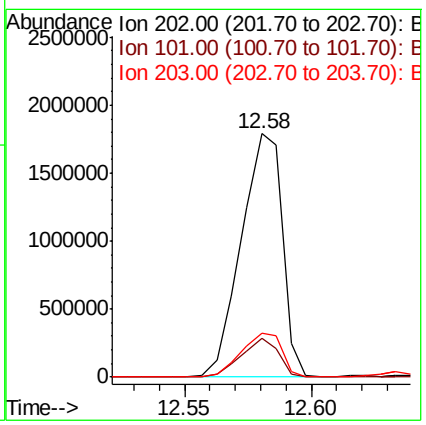


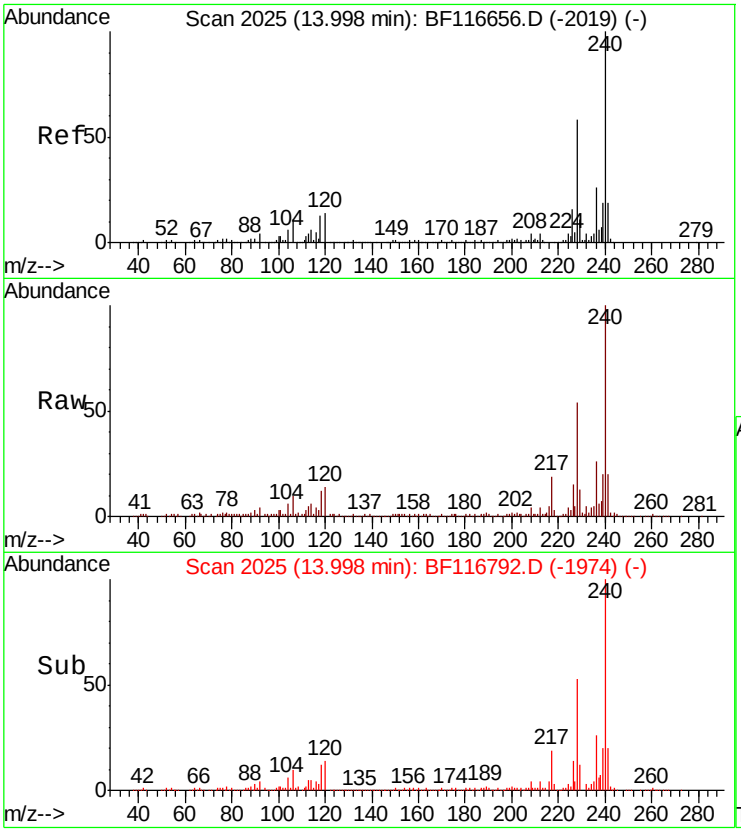


#75
Fluoranthene
Concen: 81.867 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:202 Resp: 2024380

Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	31.3
203	18.0	0.0	37.6



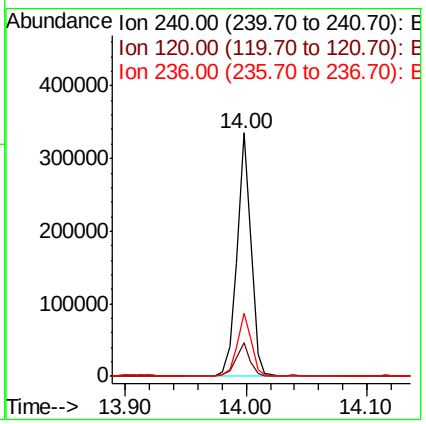


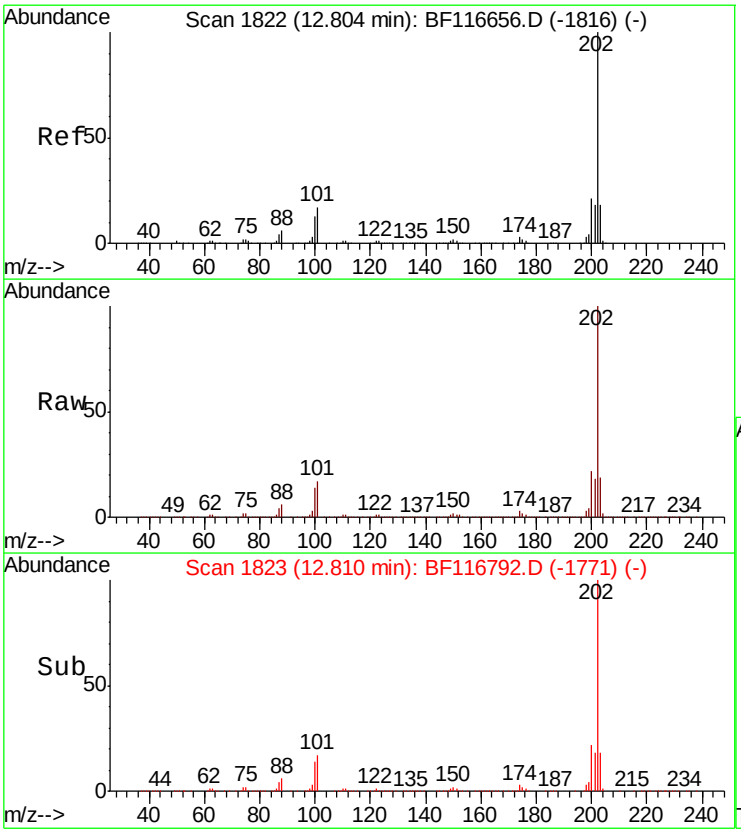
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 273969

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.1	13.7#
236	25.9	21.1	31.7

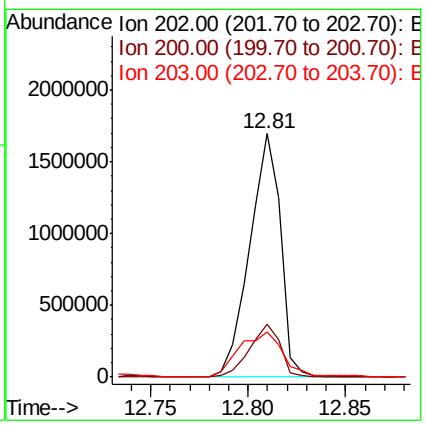


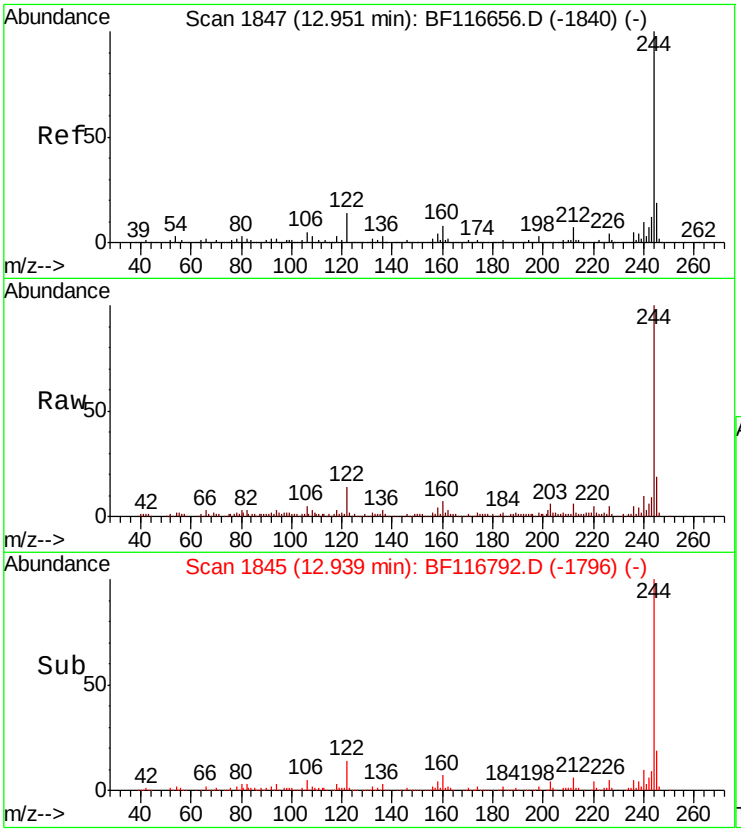


#78
Pyrene
Concen: 76.035 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:202 Resp: 1851756

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.5	24.7
203	18.7	13.7	20.5



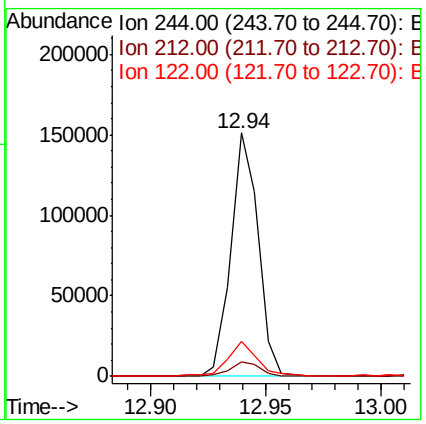


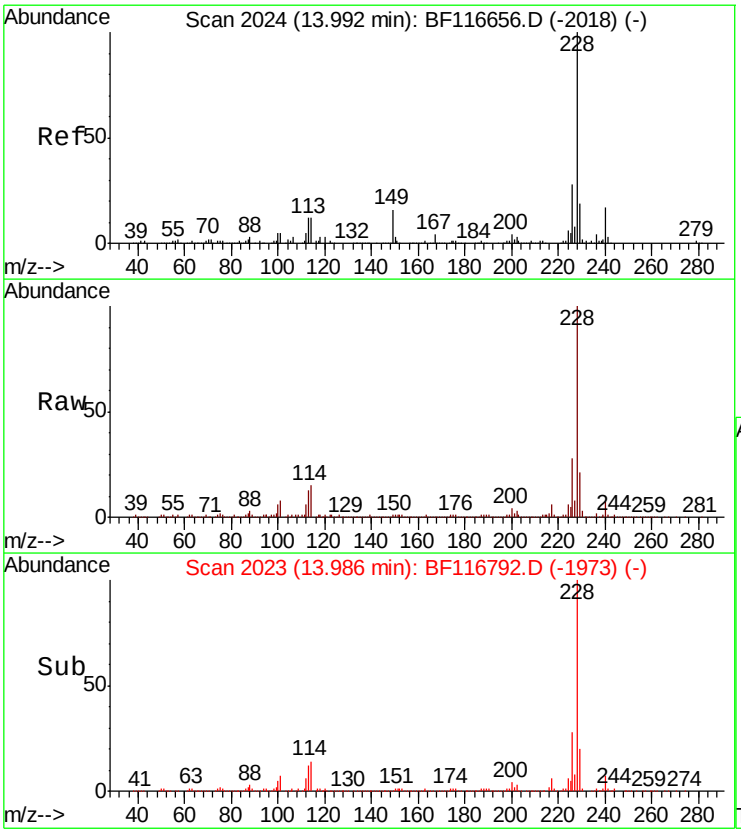
#79
Terphenyl-d14
Concen: 8.406 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 124490

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.1	9.1
122	14.2	10.2	15.4

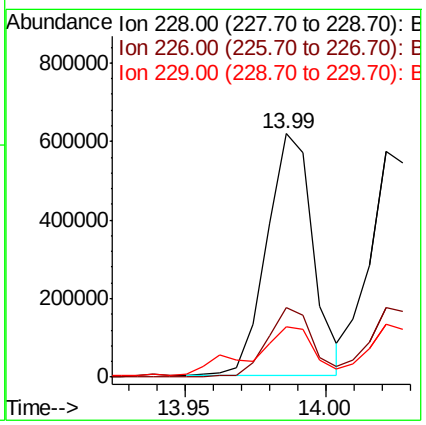


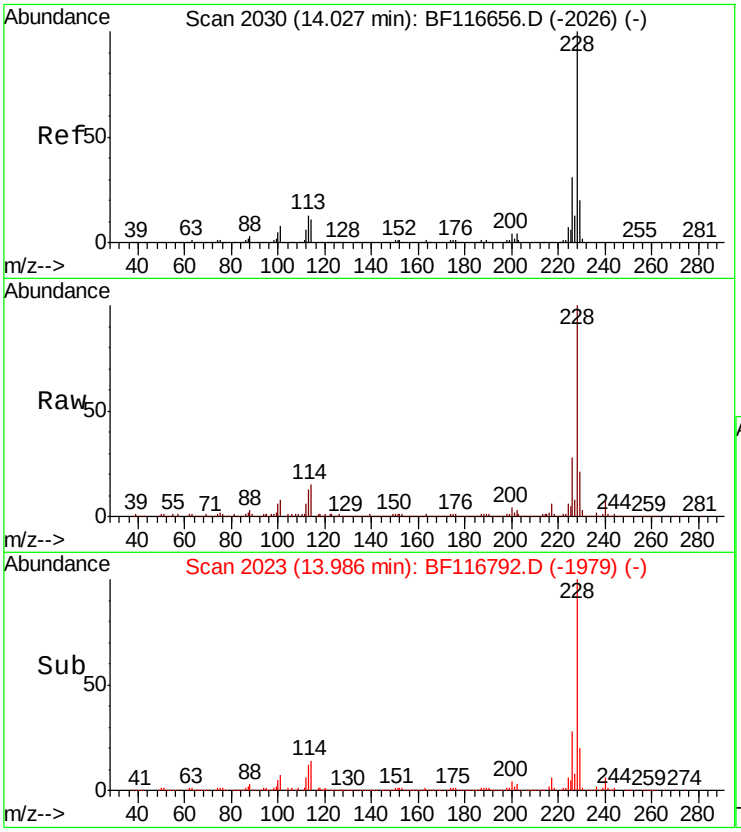


#81
Benzo(a)anthracene
Concen: 40.528 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:228 Resp: 702732

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.0	33.0
229	20.7	16.4	24.6



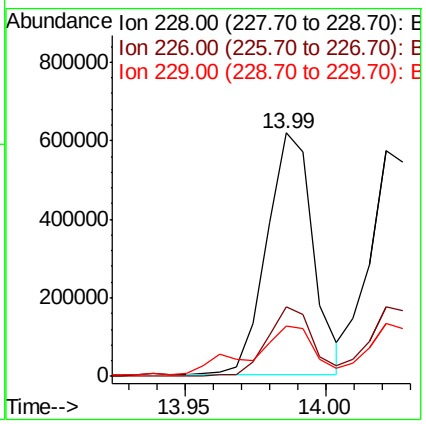


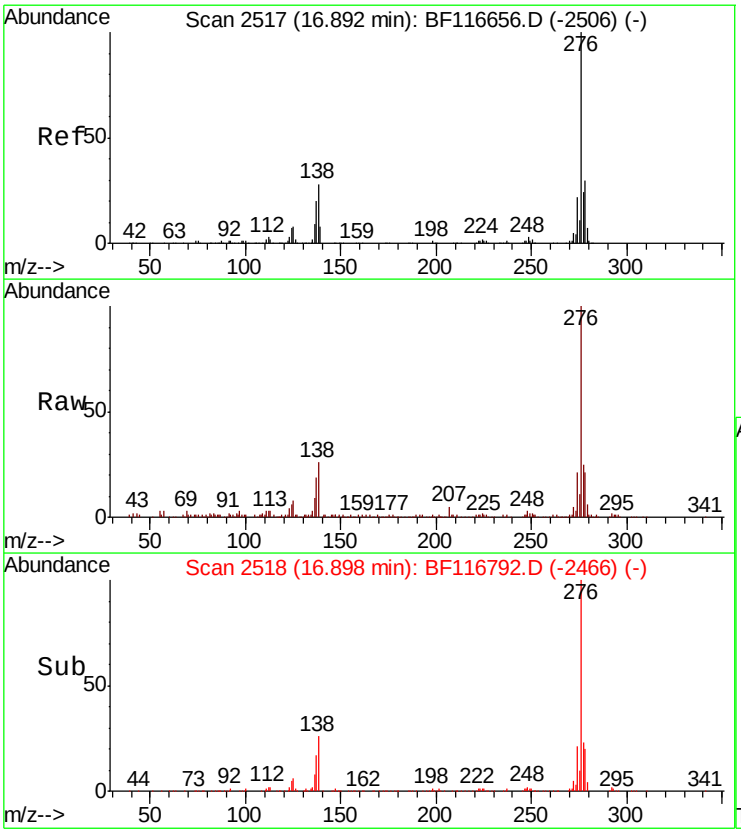
#83
Chrysene
Concen: 39.338 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 702732

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.7	15.4	23.0

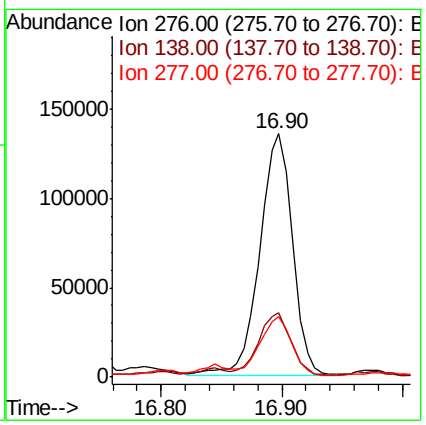


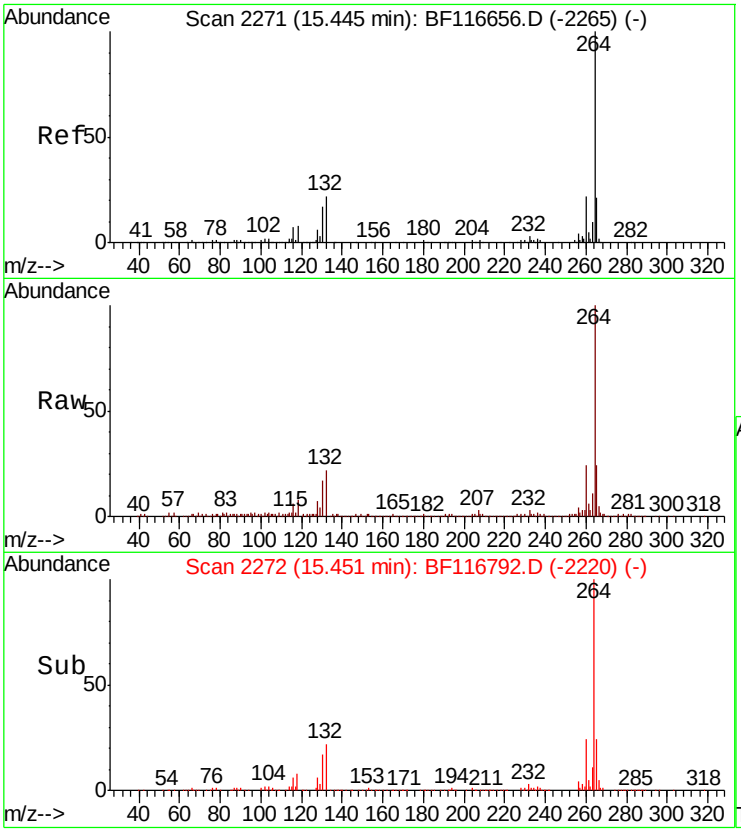


#86
Indeno(1,2,3-cd)pyrene
Concen: 17.758 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:276 Resp: 254801

Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.4	29.2
277	23.5	20.5	30.7



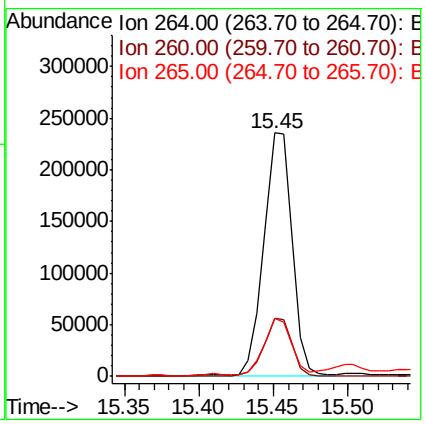


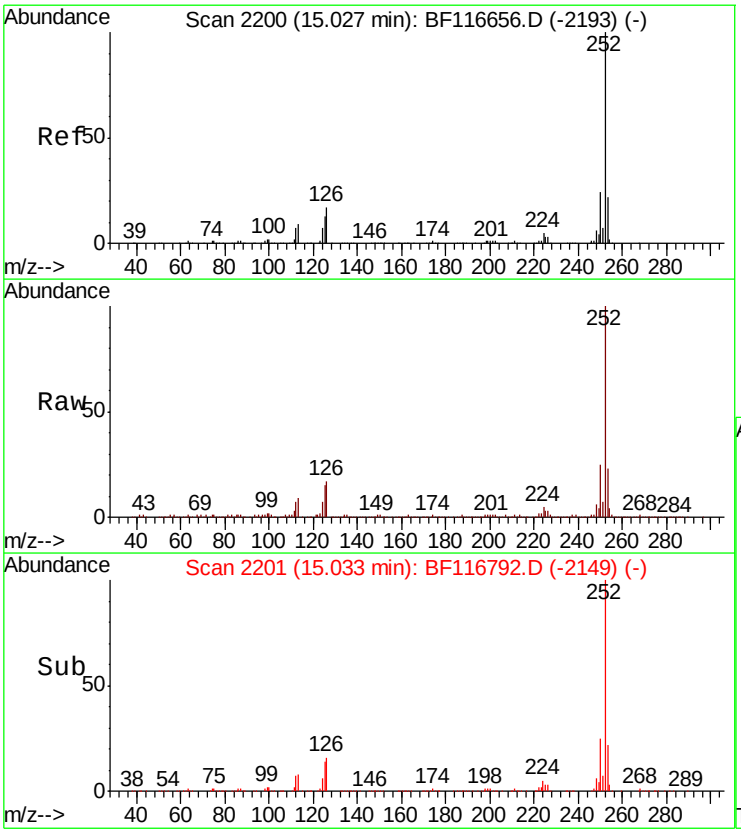
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 310505

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	23.9	16.5	24.7

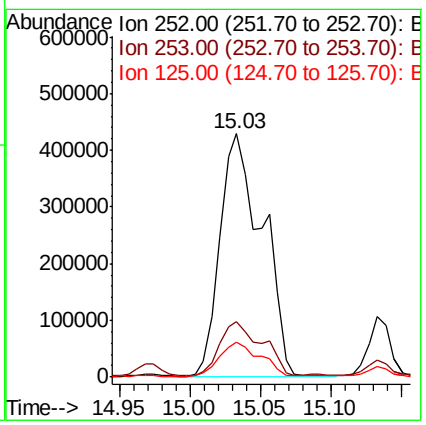


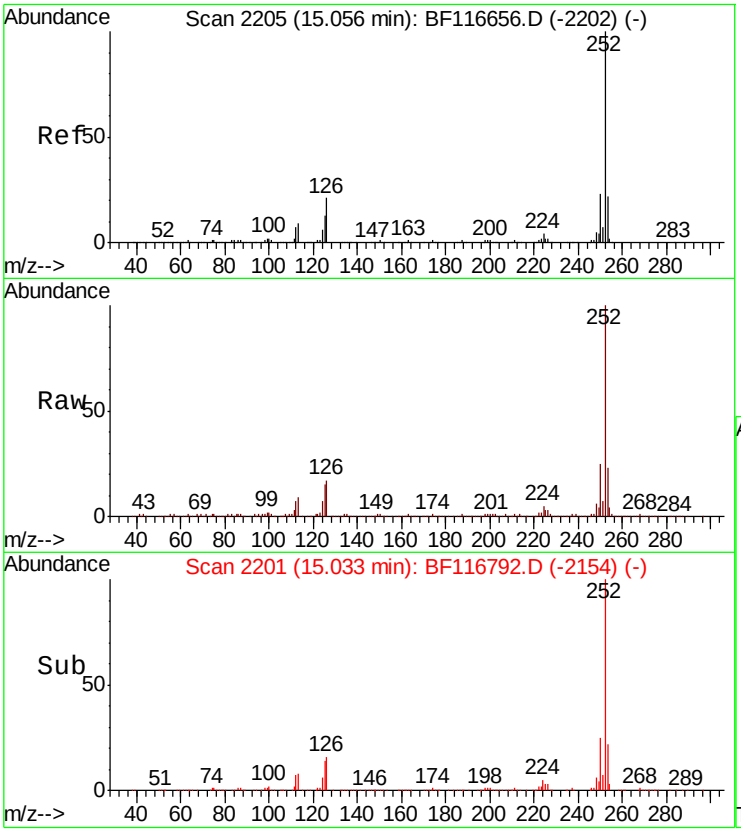


#88
Benzo(b)fluoranthene
Concen: 47.896 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:252 Resp: 899140

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.5	8.2	12.2#



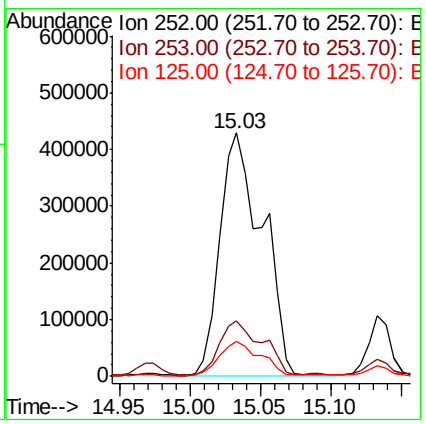


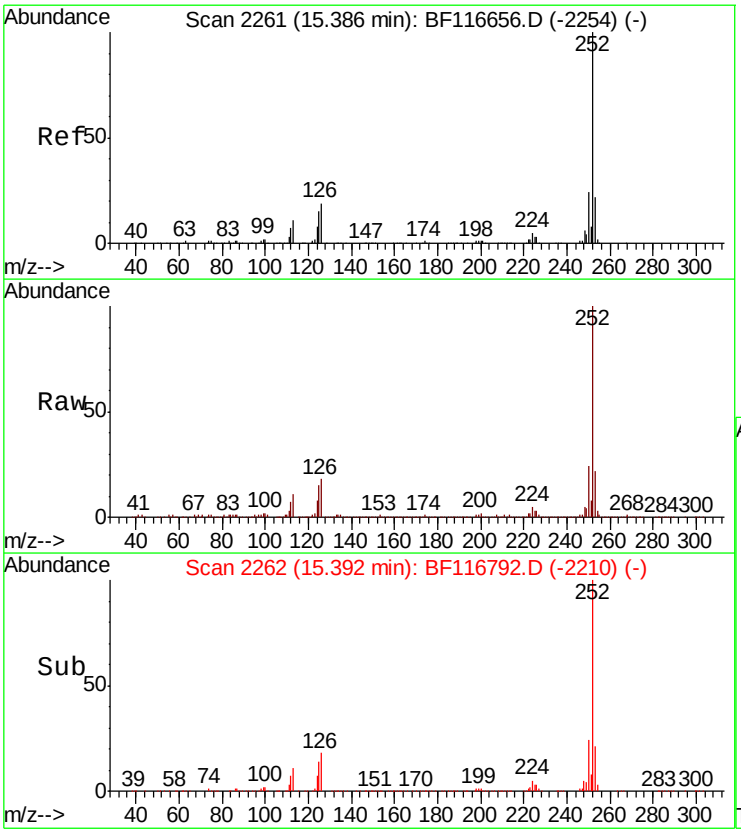
#89
Benzo(k)fluoranthene
Concen: 52.531 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 899140

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.5	8.6	13.0#

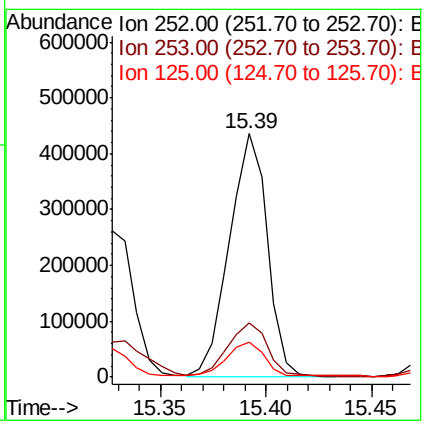


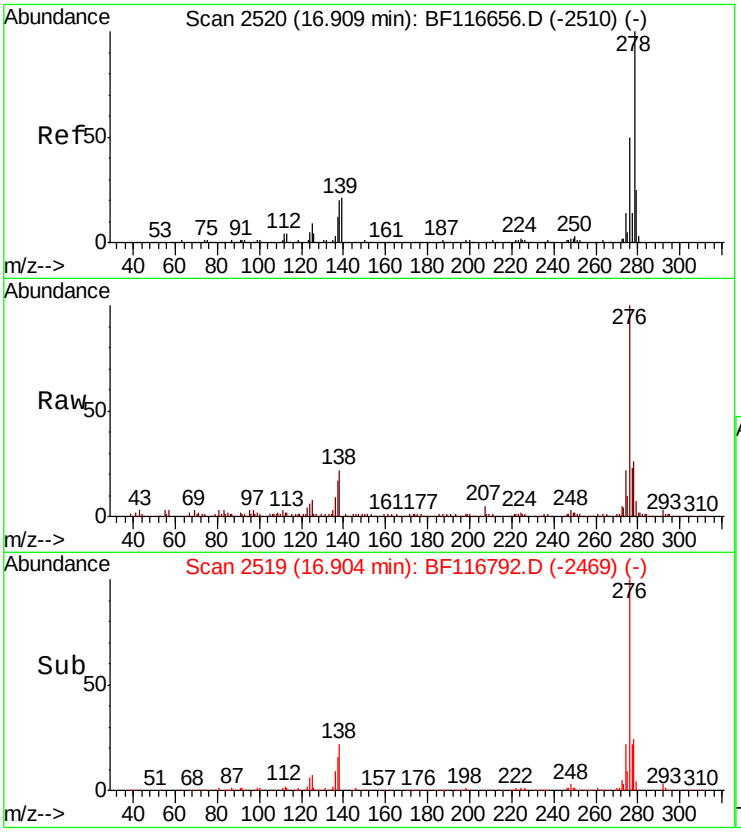


#90
Benzo(a)pyrene
Concen: 33.068 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:252 Resp: 540075

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.6	9.8	14.8



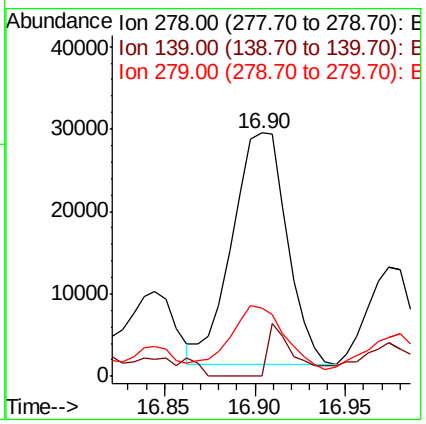


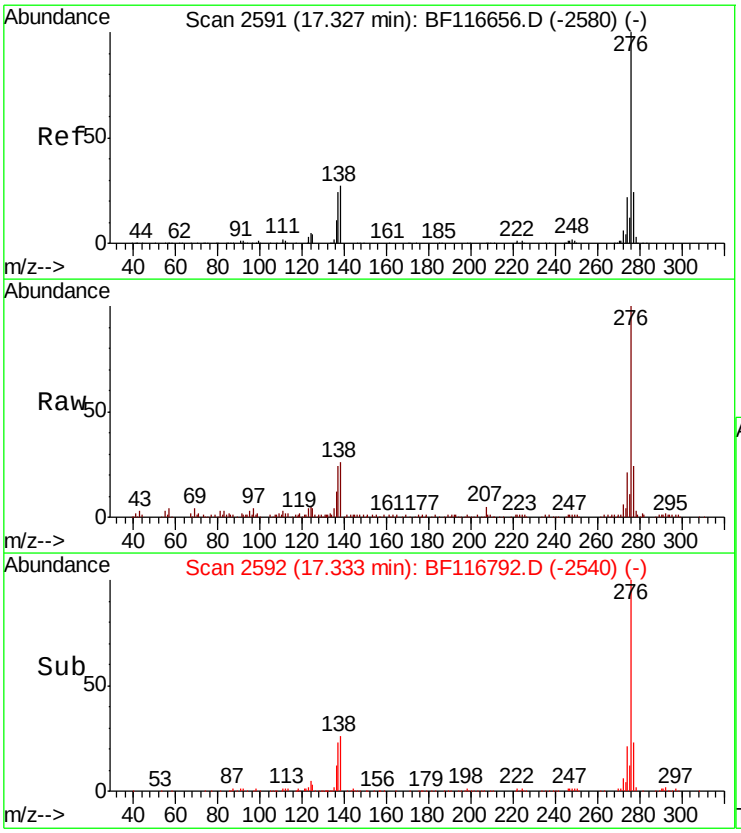
#91
Dibenzo(a,h)anthracene
Concen: 4.154 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 59383

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	27.8	18.2	27.4#





#92
Benzo(g,h,i)perylene
Concen: 15.172 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116792.D
Acq: 4 Sep 2019 1:00

Tgt Ion:276 Resp: 221206

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	26.4	16.2	24.2#