Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115751.D
Acq On : 24 Jul 2019 15:39
Operator : HP/JU
Sample : K3943-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 24 16:37:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100126	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	408193	20.00	ng		-0.02
39) Acenaphthene-d10	9.90	164	209369	20.00	ng		-0.02
64) Phenanthrene-d10	11.39	188	318922	20.00	ng		-0.02
76) Chrysene-d12	14.03	240	253587	20.00	ng		-0.02
87) Perylene-d12	15.50	264	298404	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	74116	12.11	ng		-0.02
7) Phenol-d6	6.49	99	101704	13.09	ng		-0.02
23) Nitrobenzene-d5	7.43	82	61542	8.77	ng		-0.02
42) 2,4,6-Tribromophenol	10.69	330	25306	10.36	ng		-0.02
45) 2-Fluorobiphenyl	9.22	172	141568	11.83	ng		-0.03
79) Terphenyl-d14	12.97	244	128898	9.38	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.43	82	61245	4.360	ng	#	65
31) Naphthalene	8.17	128	201656	10.201	ng		94
33) 4-Chloroaniline	8.17	127	25490	2.911	ng	#	34
37) 2-Methylnaphthalene	8.86	142	151264	11.543	ng		98
38) 1-Methylnaphthalene	8.96	142	129437	10.399	ng		99
49) Acenaphthylene	9.77	152	141703	7.017	ng		97
52) Acenaphthene	9.94	154	79014	6.060	ng		95
55) Dibenzofuran	10.11	168	62511	3.376	ng	#	93
58) Fluorene	10.45	166	179474	13.559	ng		99
71) Phenanthrene	11.42	178	1047263	64.062	ng		98
72) Anthracene	11.47	178	224498	13.288	ng		98
75) Fluoranthene	12.61	202	854543	49.467	ng		98
78) Pyrene	12.84	202	1053054	49.014	ng		98
81) Benzo(a)anthracene	14.02	228	465280	27.850	ng		93
83) Chrysene	14.06	228	464318	27.686	ng		96
86) Indeno(1,2,3-cd)pyrene	16.97	276	202739	14.229	ng		96
88) Benzo(b)fluoranthene	15.07	252	626862	32.624	ng		98
89) Benzo(k)fluoranthene	15.07	252	626862	36.592	ng		99
90) Benzo(a)pyrene	15.44	252	381296	23.088	ng		96
91) Dibenzo(a,h)anthracene	16.98	278	55902	3.856	ng	#	87
92) Benzo(g,h,i)perylene	17.42	276	207269	14.334	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
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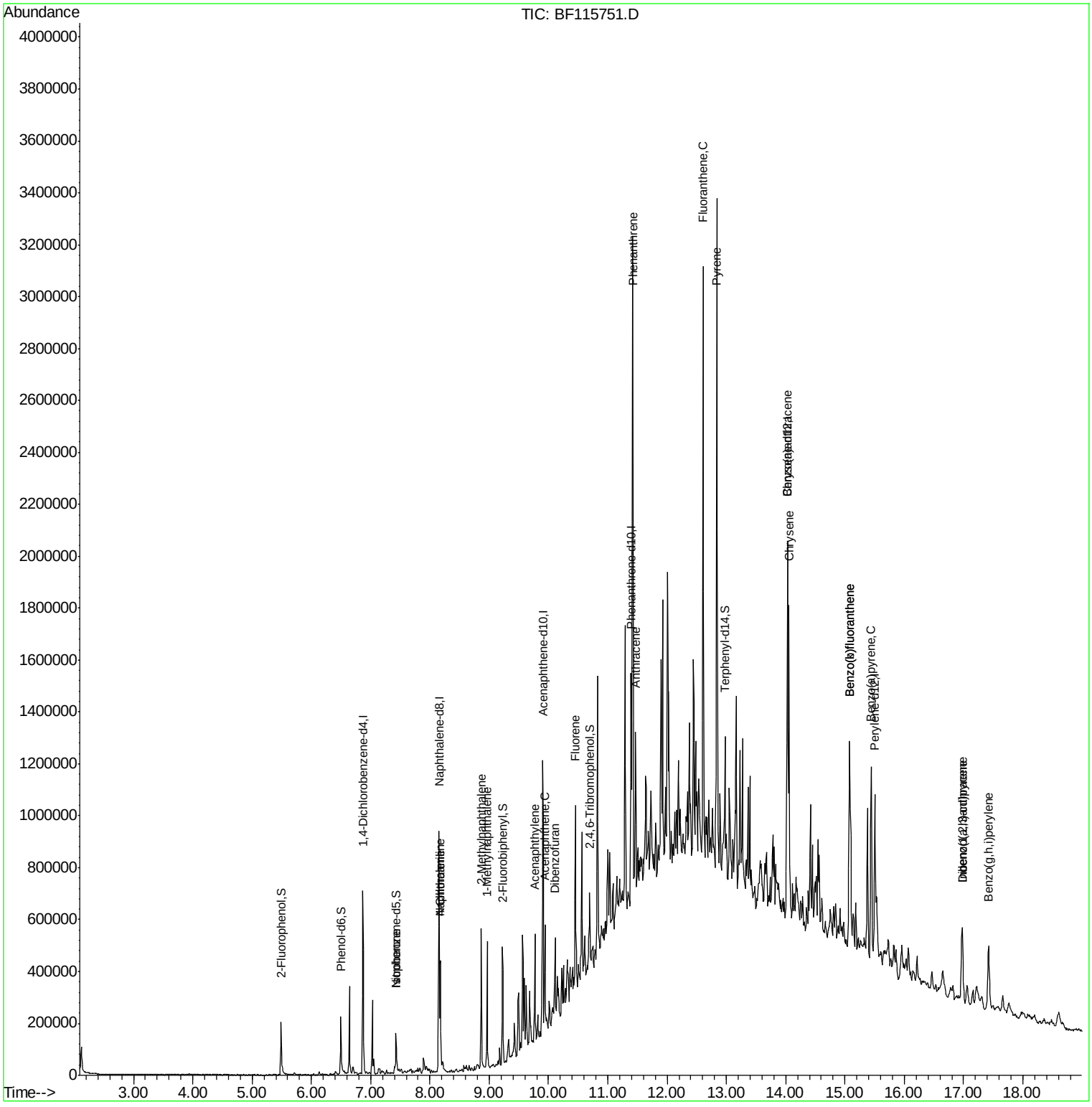
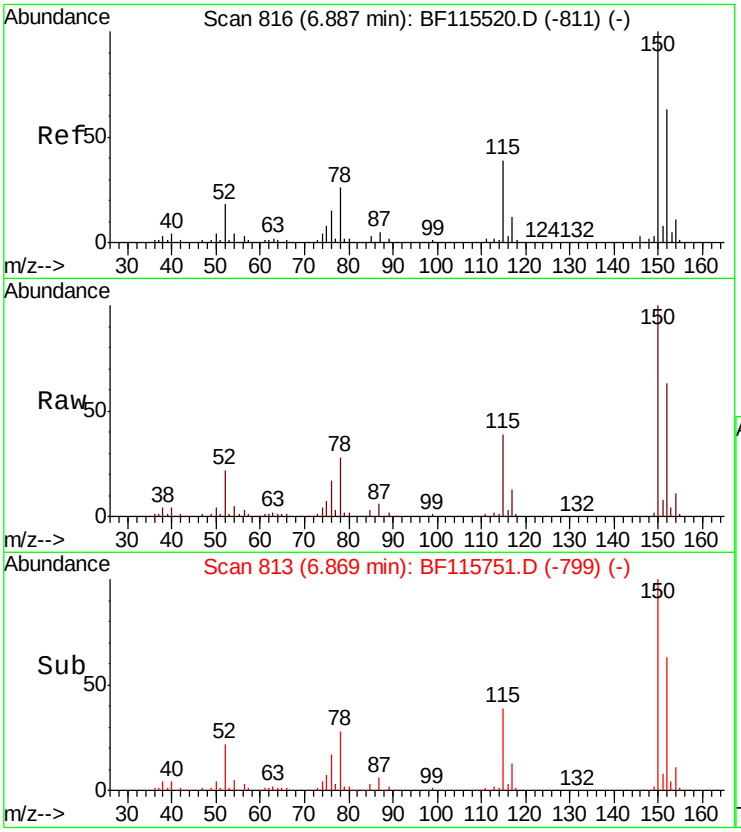
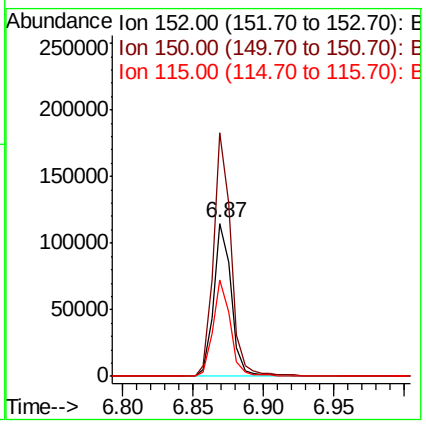




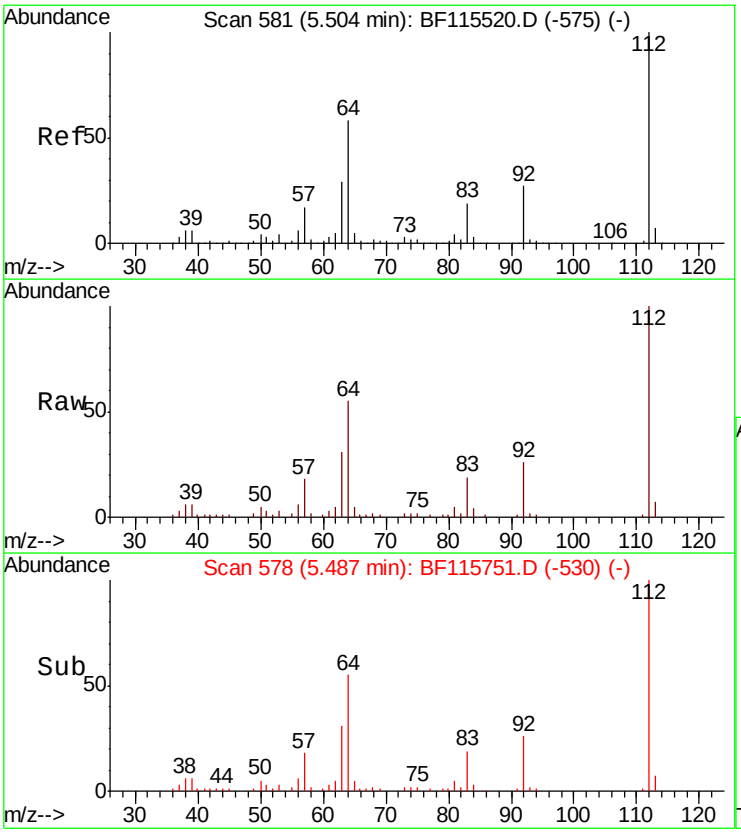
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:152 Resp: 100126

Ion	Ratio	Lower	Upper
152	100		
150	158.9	129.7	194.5
115	62.7	48.2	72.4



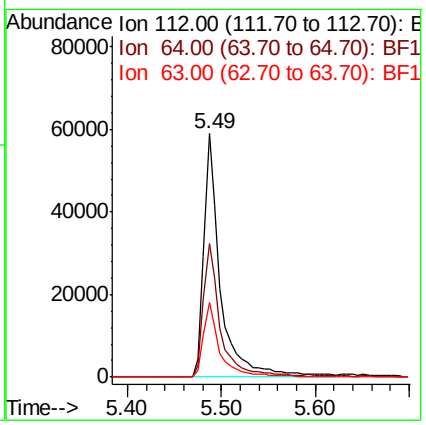
Instrument :
BNA_F
ClientSampleId :

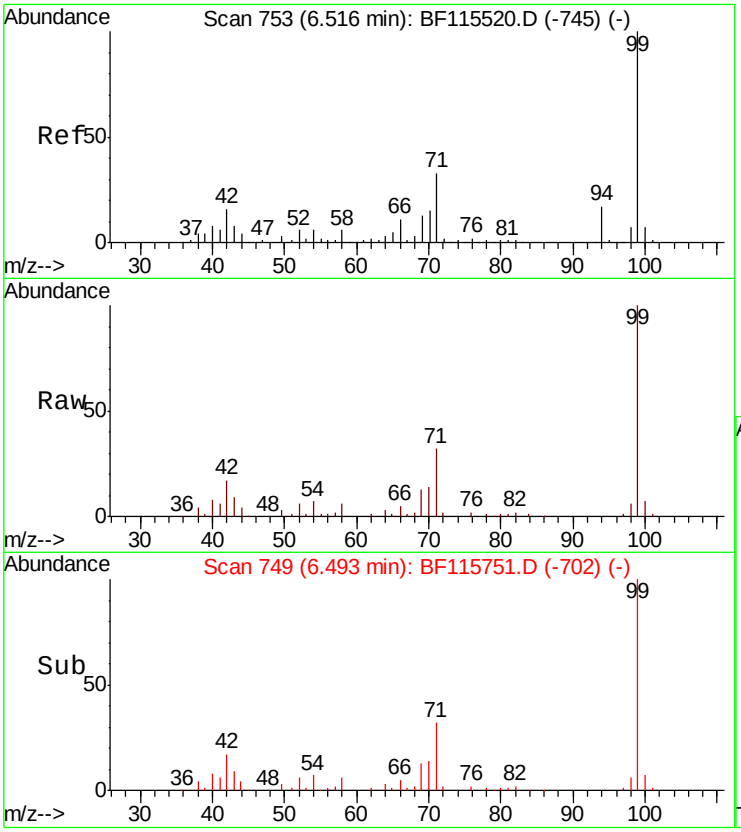


#5
2-Fluorophenol
Concen: 12.108 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:112 Resp: 74116

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.8	70.2
63	30.7	24.1	36.1



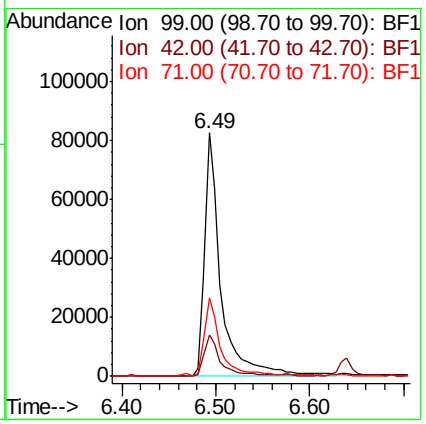


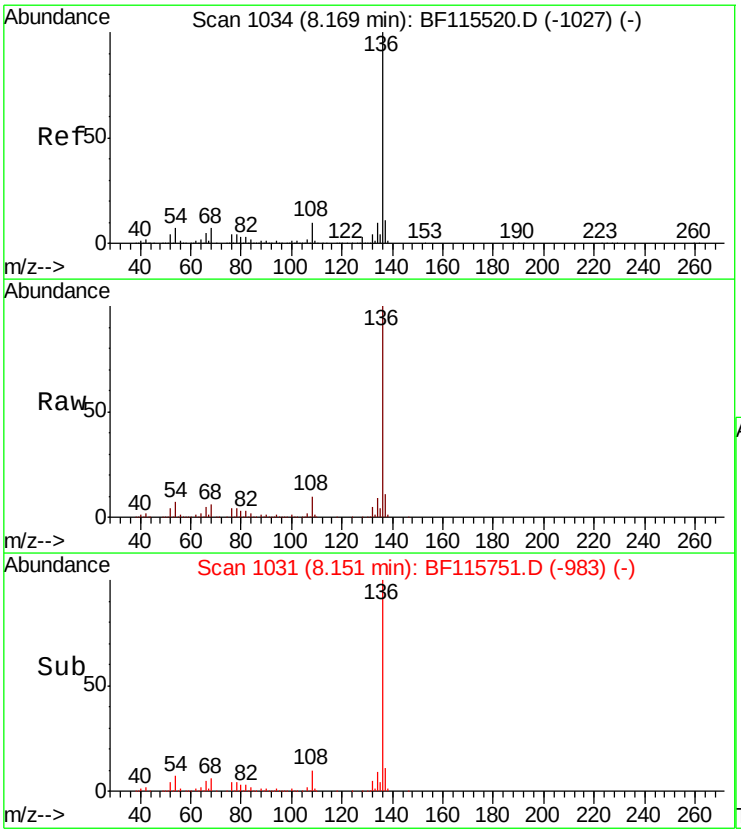
#7
Phenol-d6
Concen: 13.094 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 101704

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	32.1	28.5	42.7

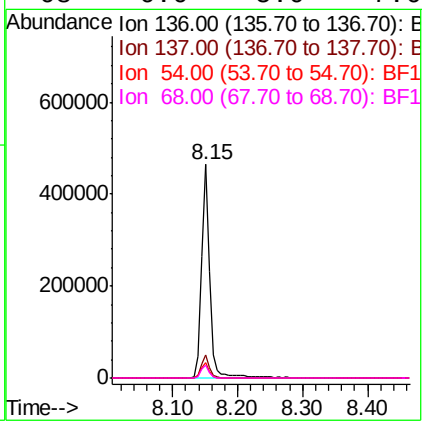


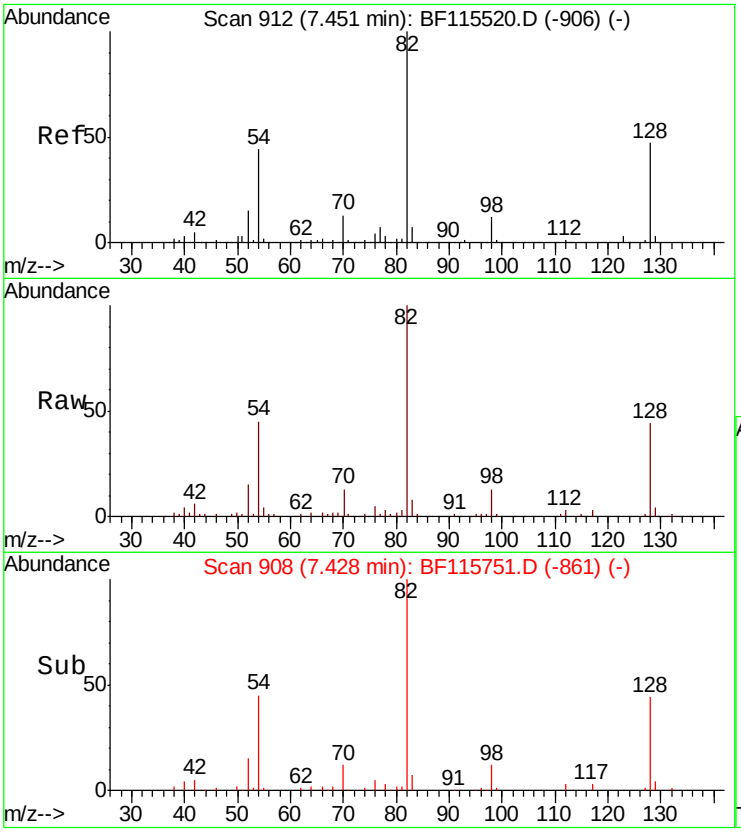


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:136 Resp: 408193

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.6	8.4
68	6.0	5.0	7.6



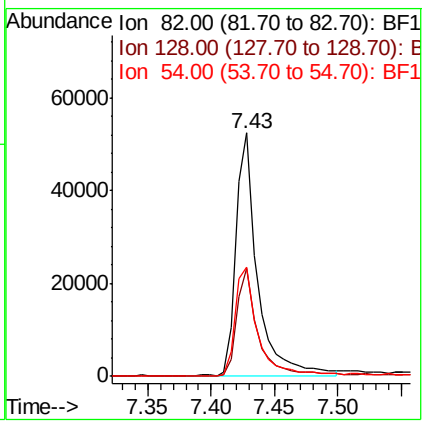


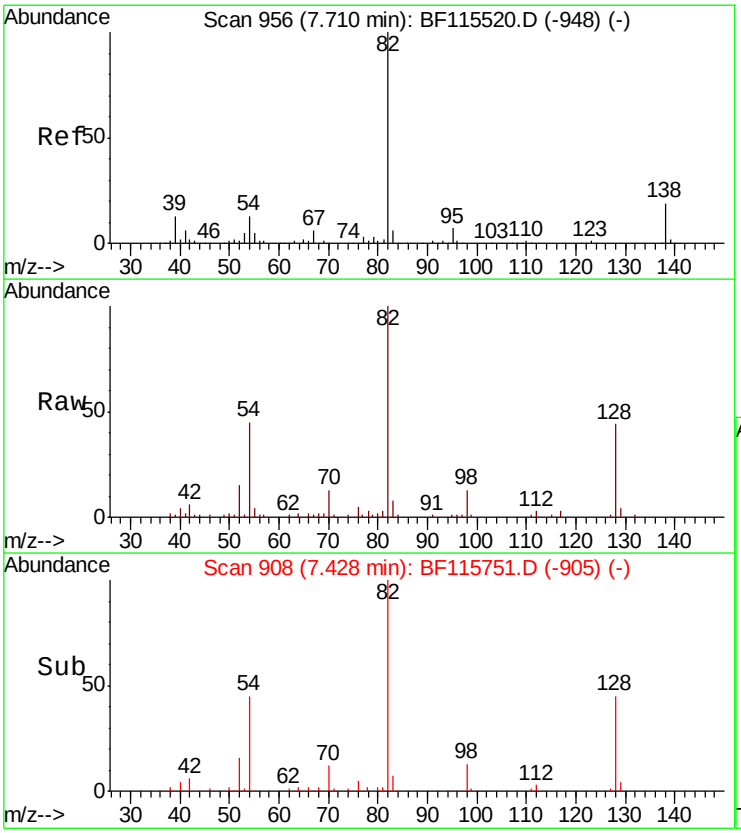
#23
Nitrobenzene-d5
Concen: 8.767 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 61542

Ion	Ratio	Lower	Upper
82	100		
128	44.4	38.6	57.8
54	44.8	35.6	53.4

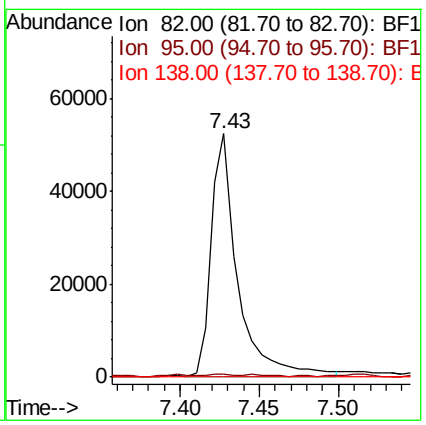


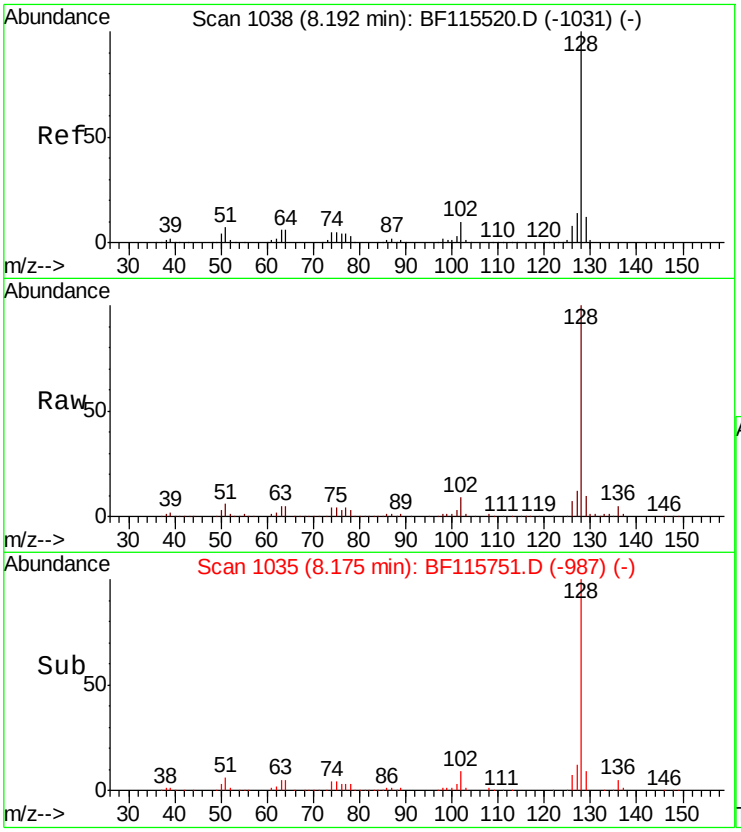


#25
Isophorone
Concen: 4.360 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.28 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion: 82 Resp: 61245

Ion	Ratio	Lower	Upper
82	100		
95	1.0	5.5	8.3#
138	0.0	14.9	22.3#



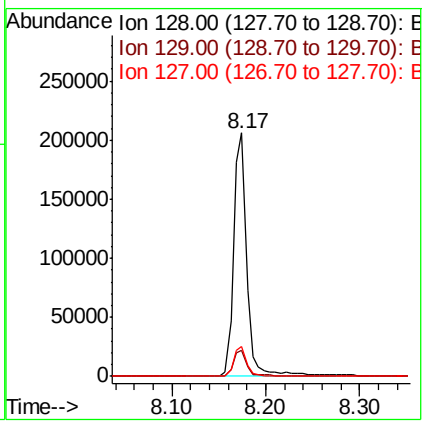


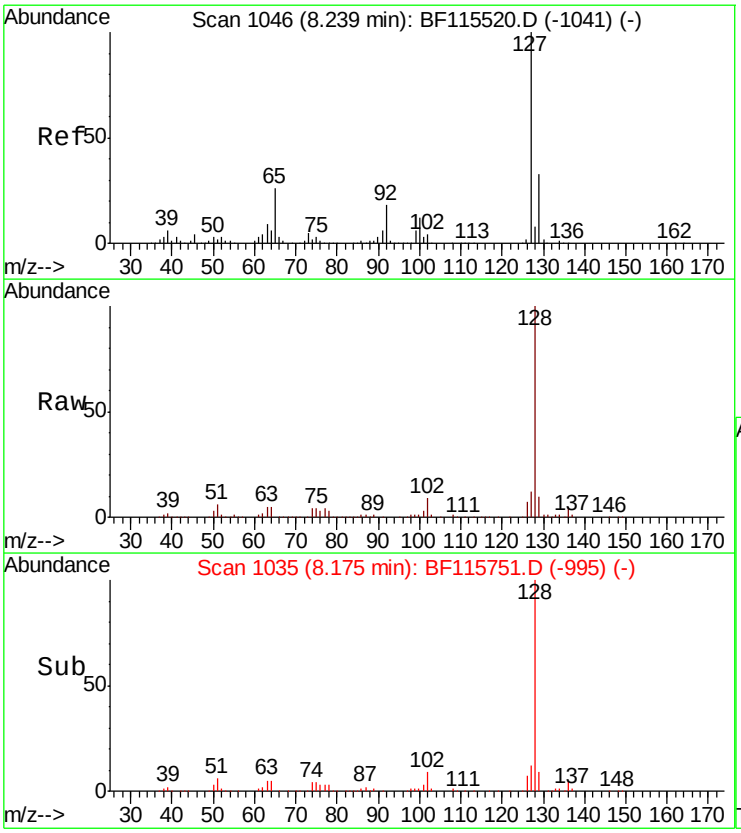
#31
Naphthalene
Concen: 10.201 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 201656

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.9	14.9
127	12.5	12.1	18.1

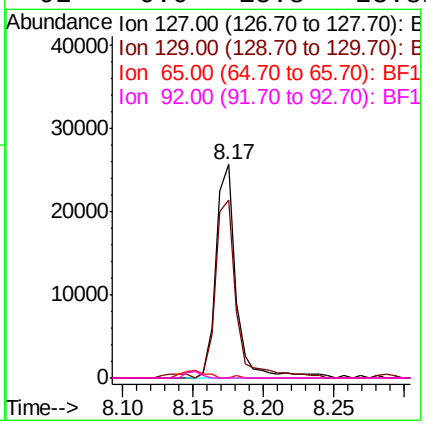


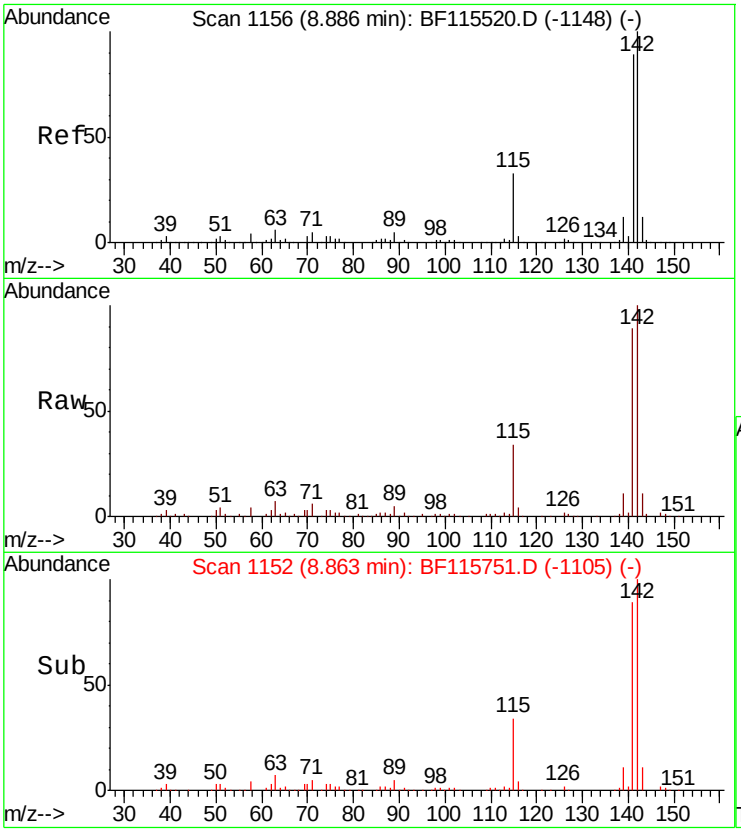


#33
4-Chloroaniline
Concen: 2.911 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:127 Resp: 25490

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.6	39.8#
65	0.0	23.7	35.5#
92	0.0	15.8	23.8#



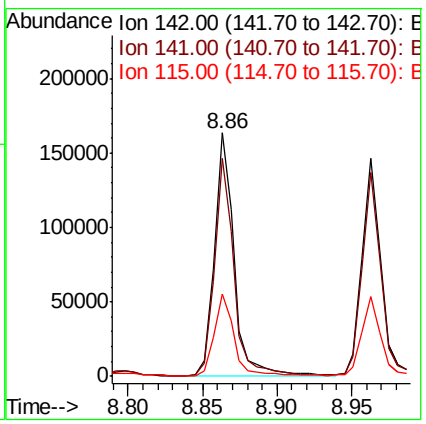


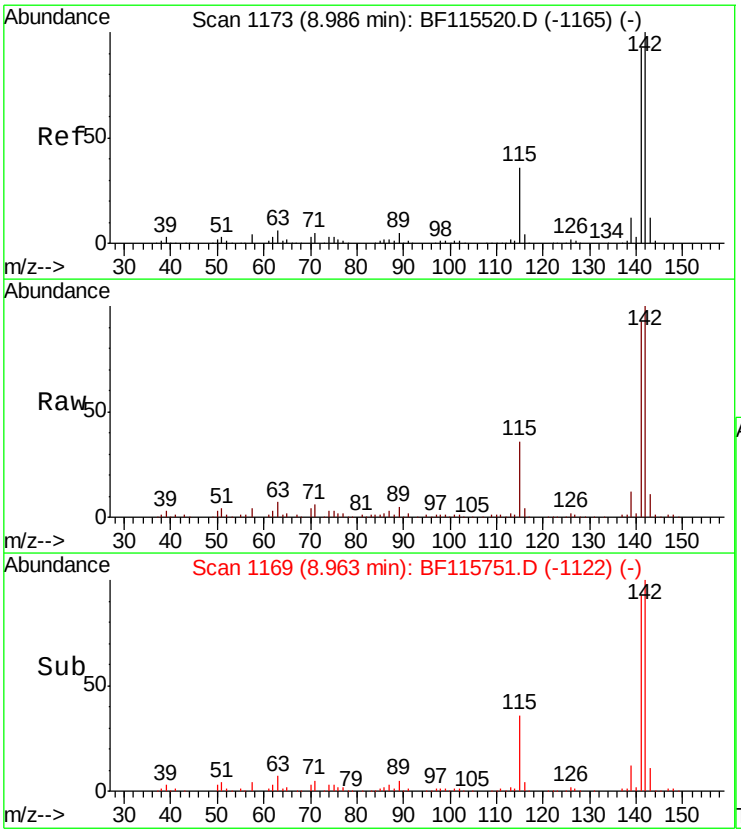
#37
2-Methylnaphthalene
Concen: 11.543 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 151264

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.0	108.0
115	34.0	29.9	44.9

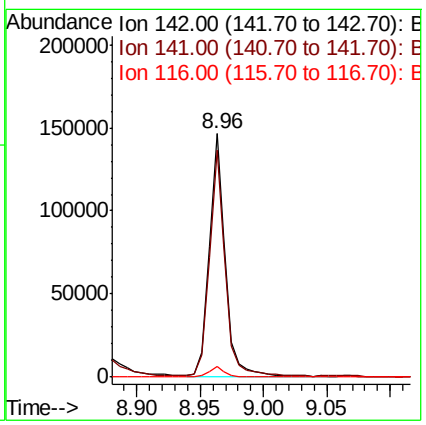


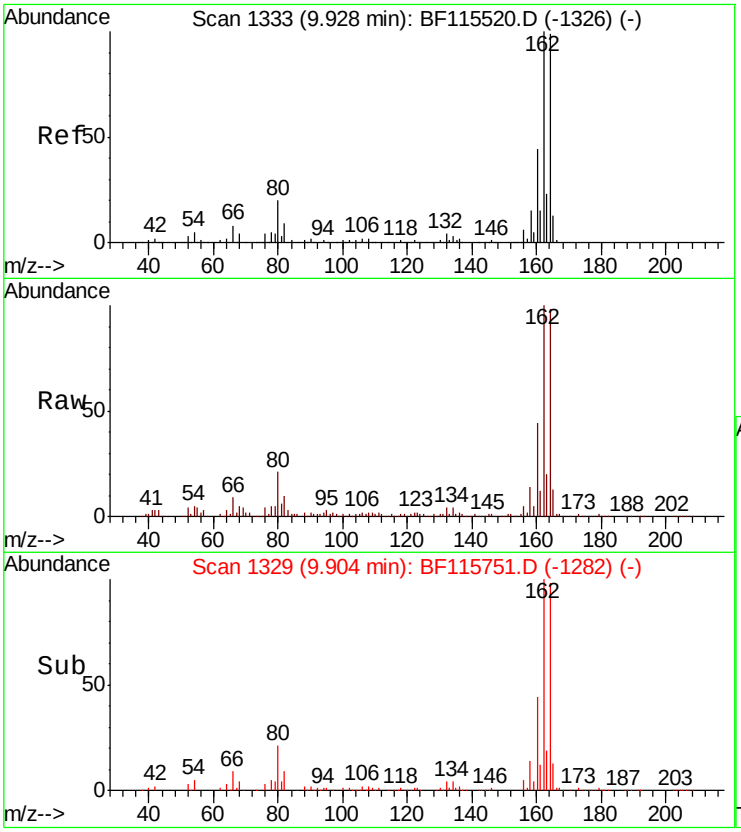


#38
1-Methylnaphthalene
Concen: 10.399 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:142 Resp: 129437

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.3	112.9
116	4.1	3.3	4.9

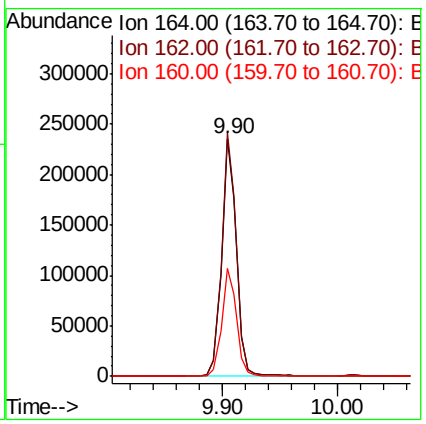




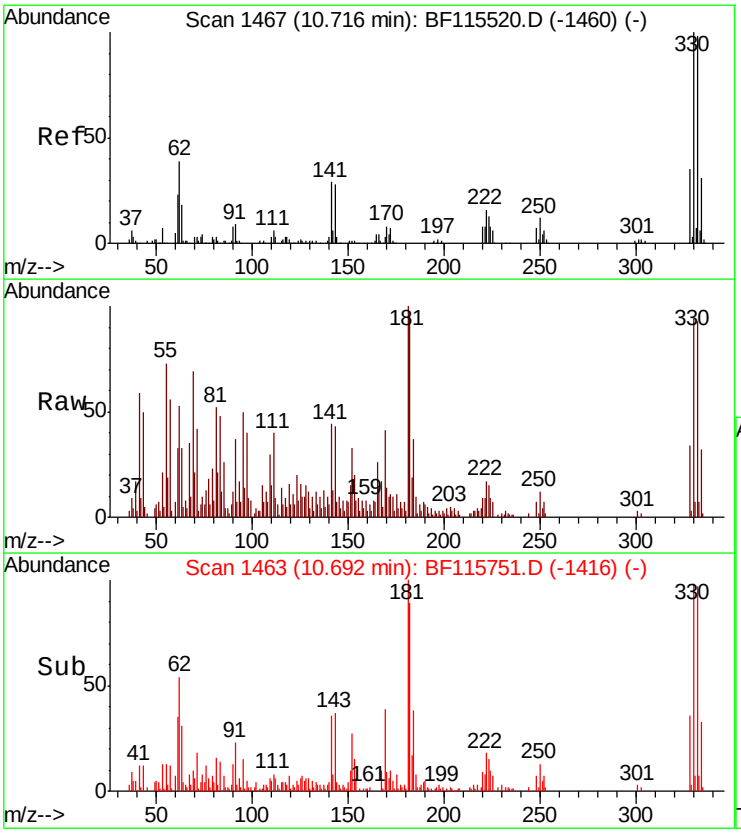
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:164 Resp: 209369

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.9	124.3
160	45.2	36.8	55.2



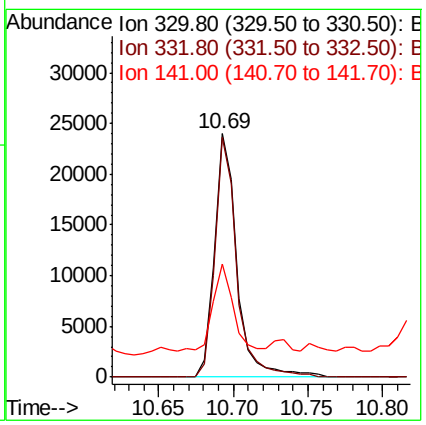
Instrument :
BNA_F
ClientSampleId :

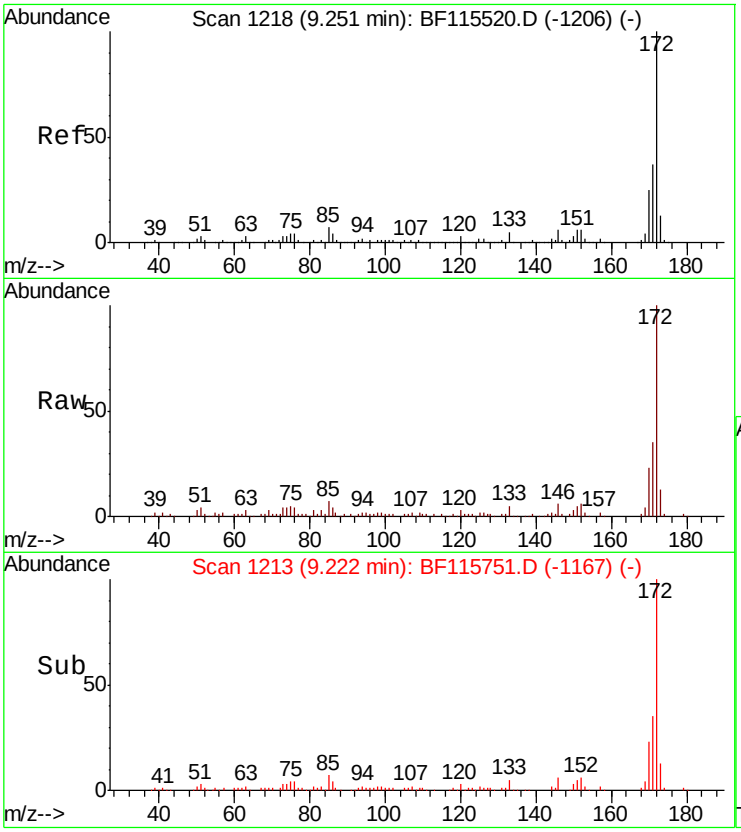


#42
2,4,6-Tribromophenol
Concen: 10.355 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:330 Resp: 25306

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	31.1	22.4	33.6



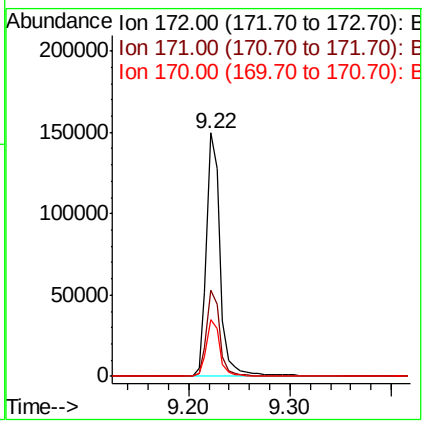


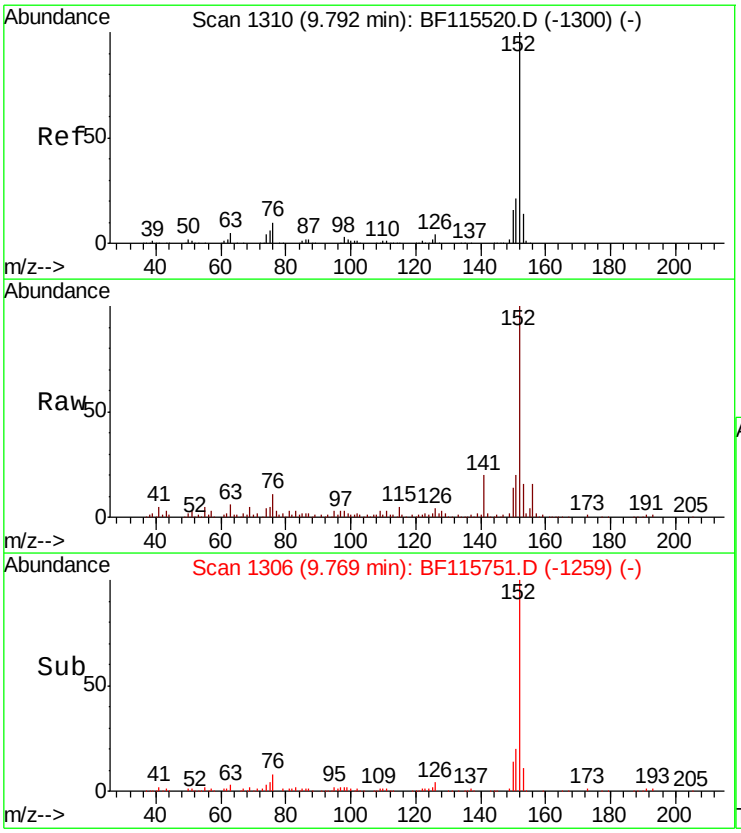
#45
2-Fluorobiphenyl
Concen: 11.835 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 141568

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.6	46.0
170	23.2	20.5	30.7

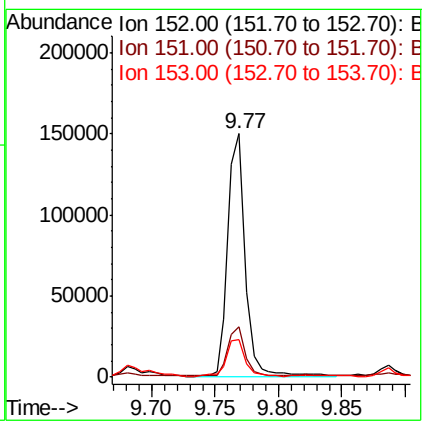


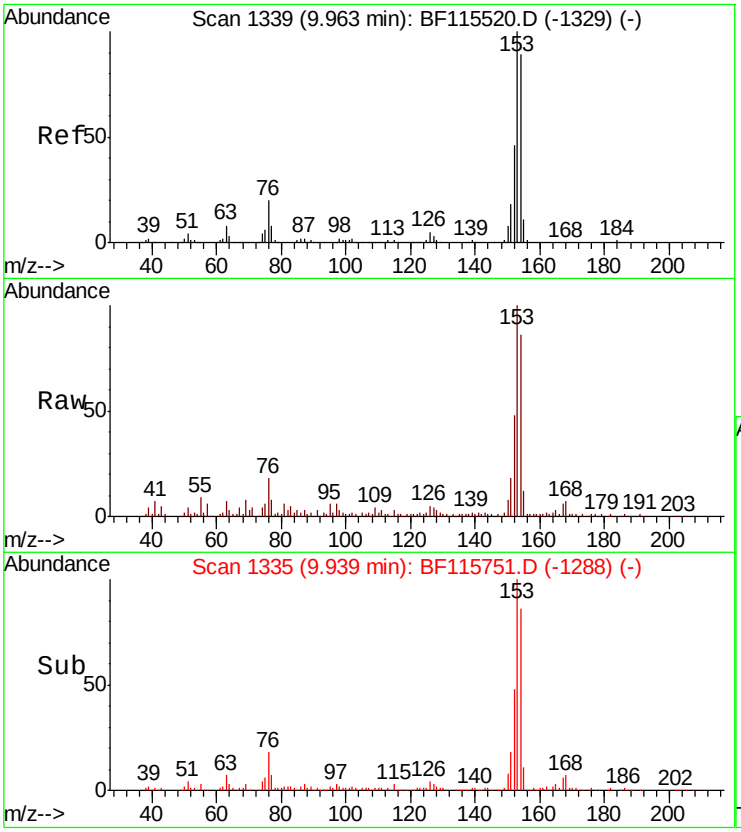


#49
Acenaphthylene
Concen: 7.017 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:152 Resp: 141703

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.7	26.5
153	15.5	12.0	18.0



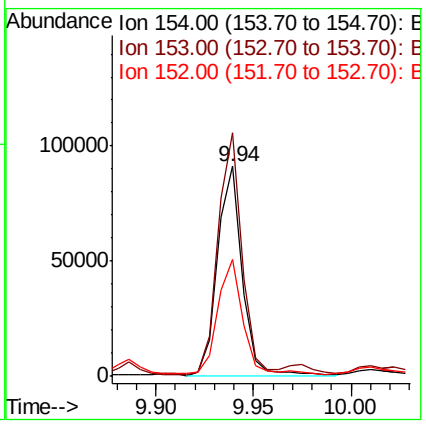


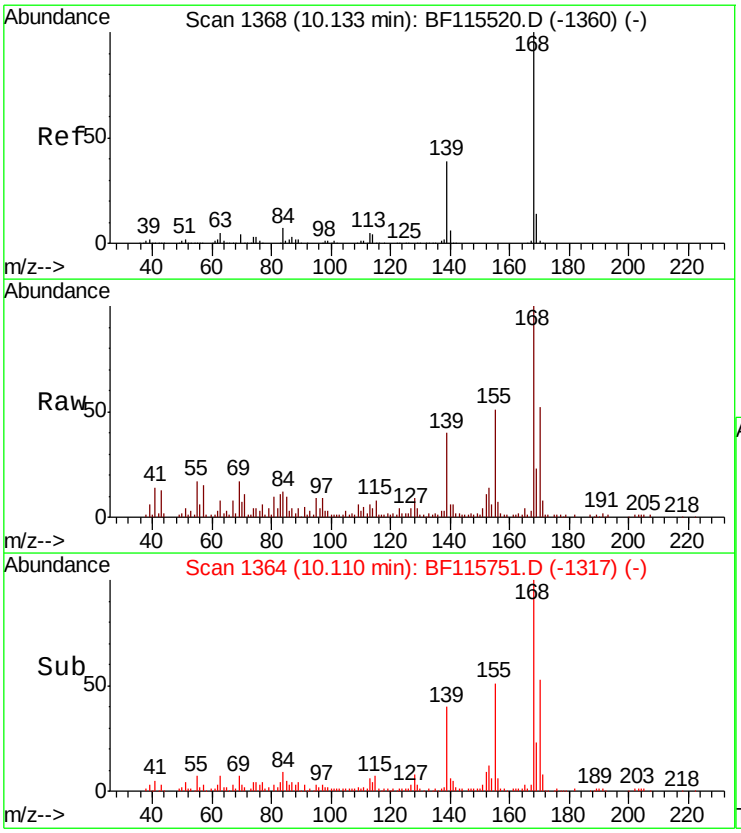
#52
Acenaphthene
Concen: 6.060 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 79014

Ion	Ratio	Lower	Upper
154	100		
153	116.1	88.6	133.0
152	56.0	42.3	63.5

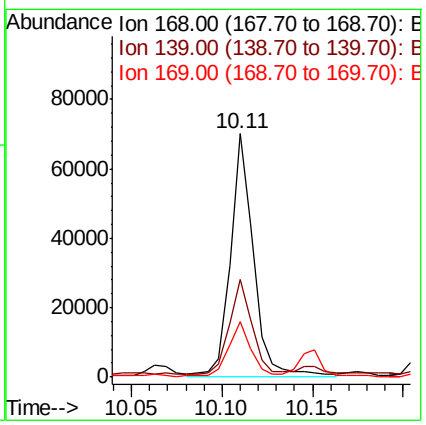


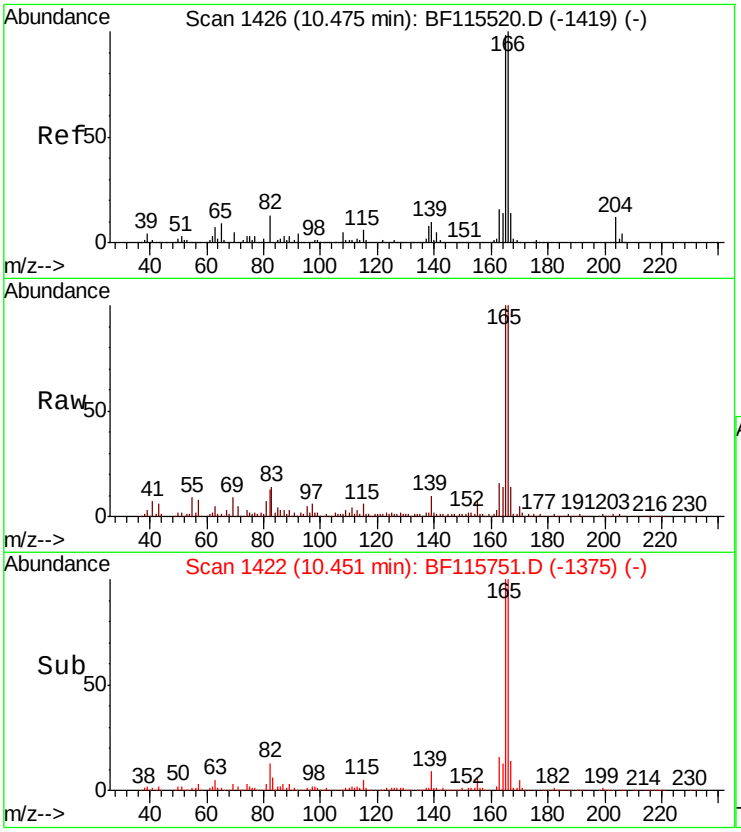


#55
Dibenzofuran
Concen: 3.376 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:168 Resp: 62511

Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	22.7	11.1	16.7#



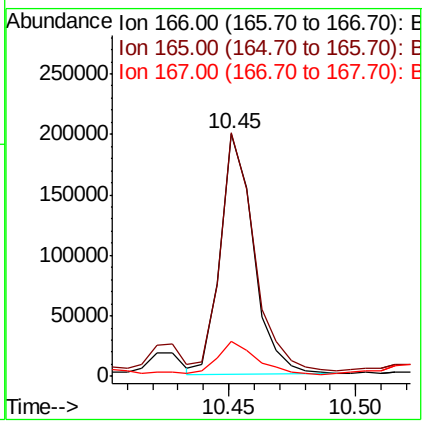


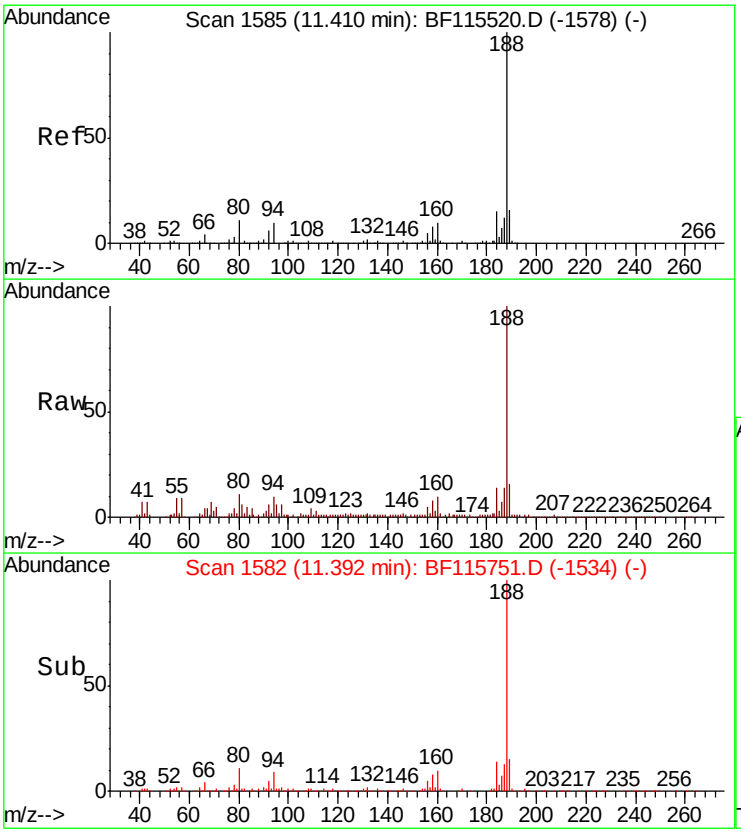
#58
Fluorene
Concen: 13.559 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 179474

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.6
167	14.2	11.2	16.8

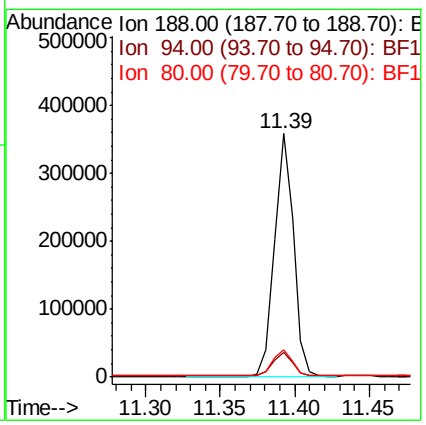


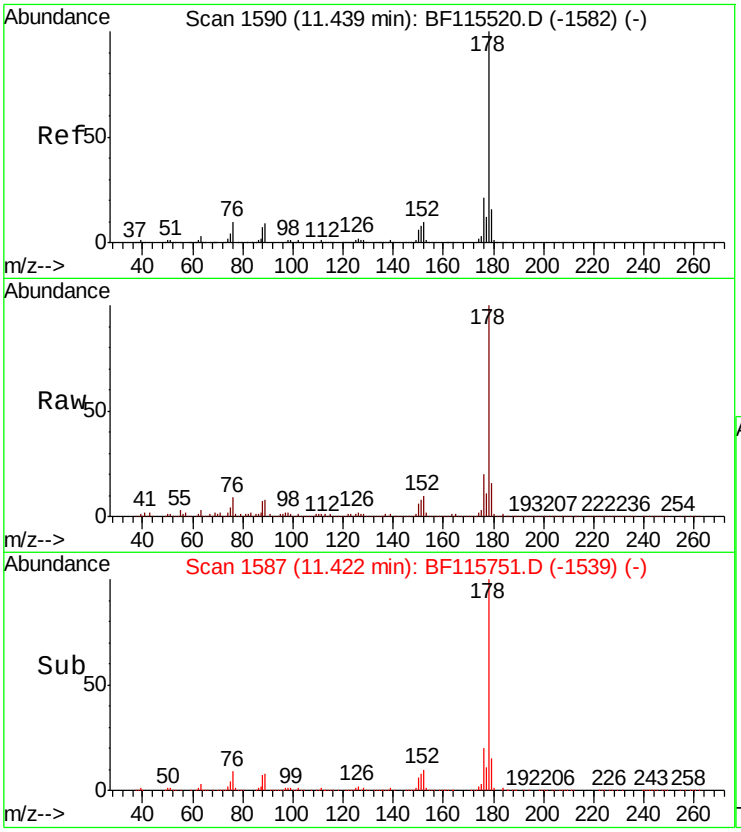


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:188 Resp: 318922

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	11.1	8.6	13.0



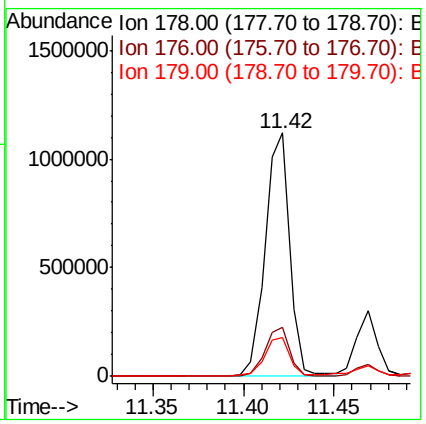


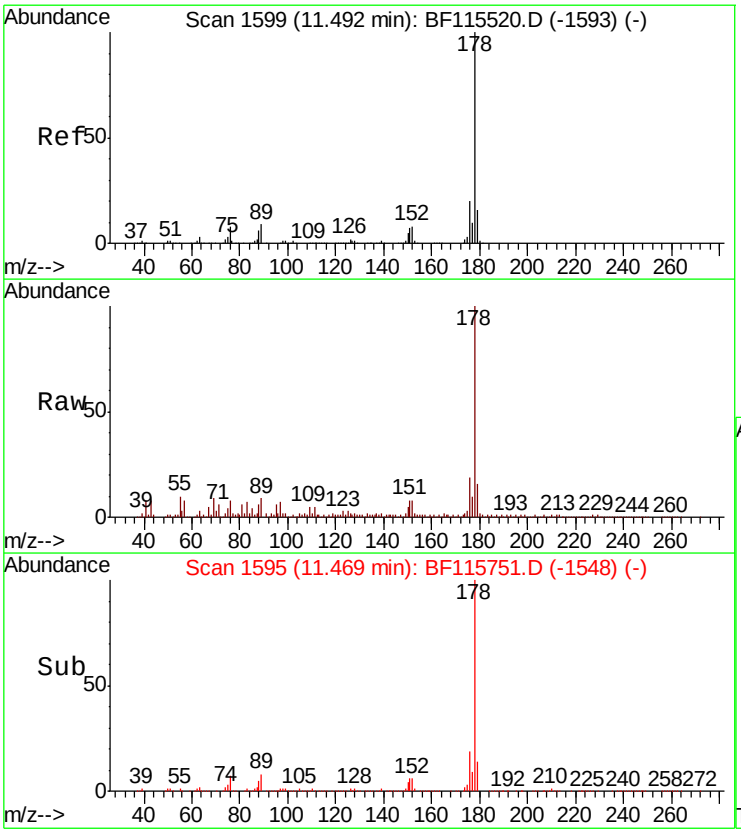
#71
Phenanthrene
Concen: 64.062 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1047263

Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.2	25.8
179	15.8	13.5	20.3

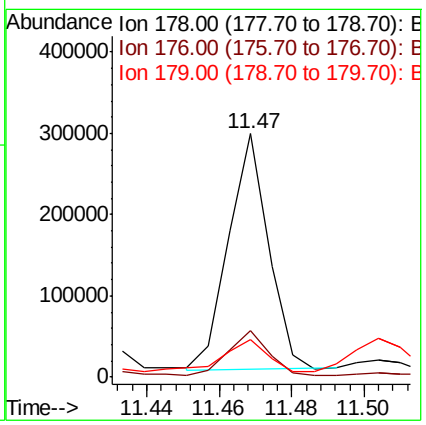


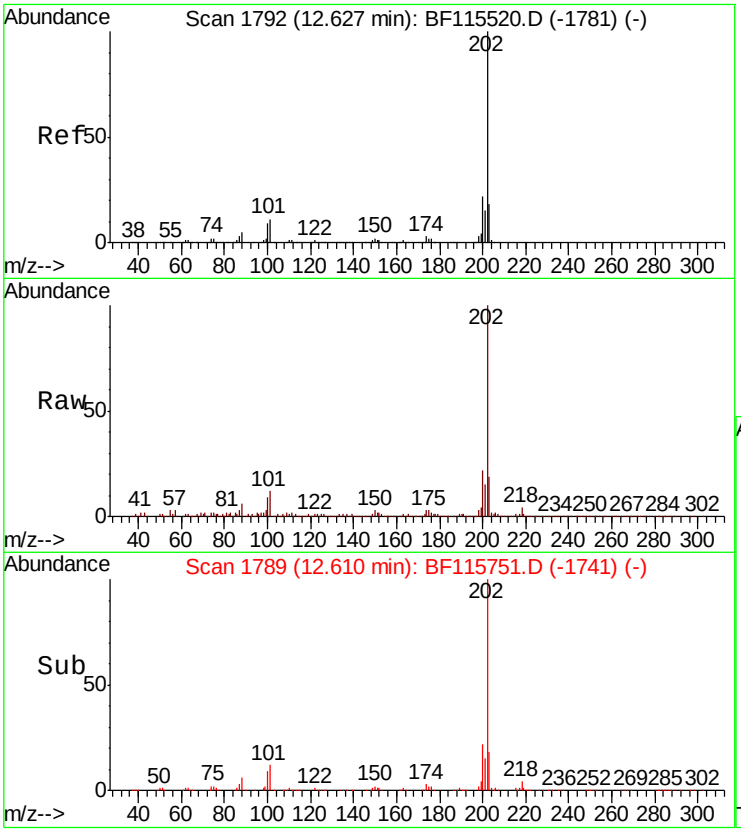


#72
Anthracene
Concen: 13.288 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:178 Resp: 224498

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.6	12.7	19.1



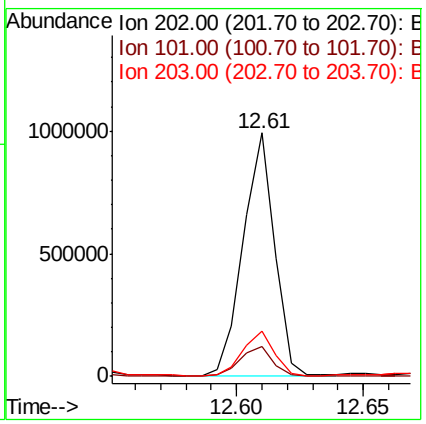


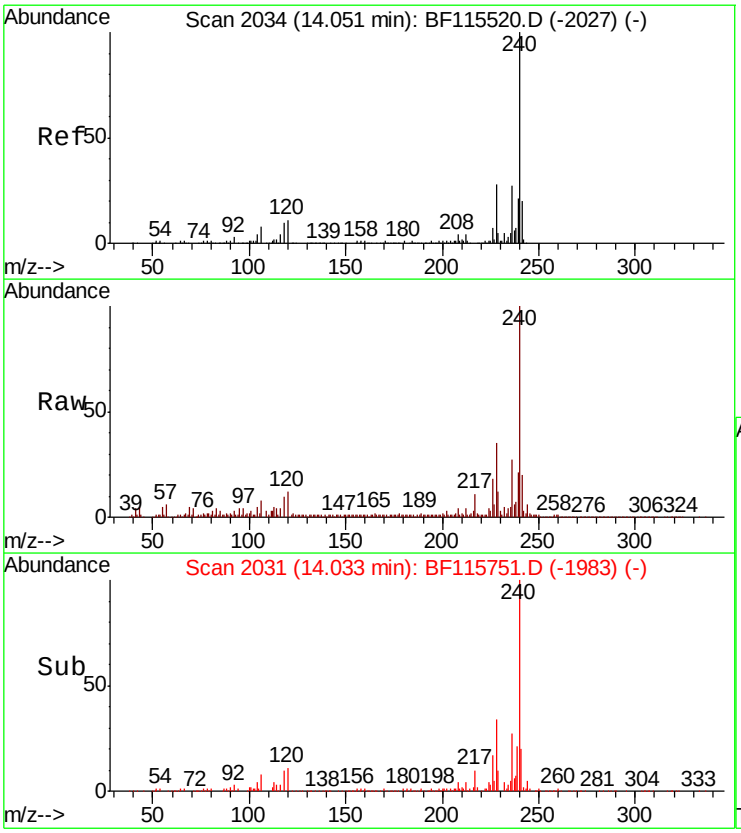
#75
Fluoranthene
Concen: 49.467 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 854543

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	18.5	0.0	38.1

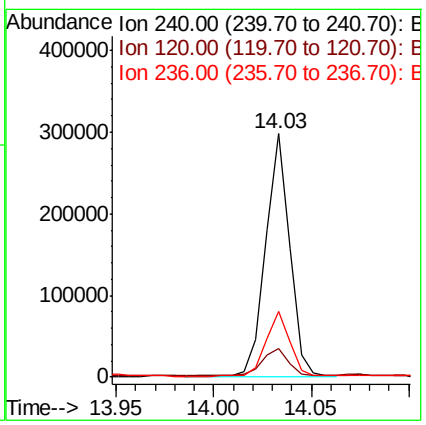


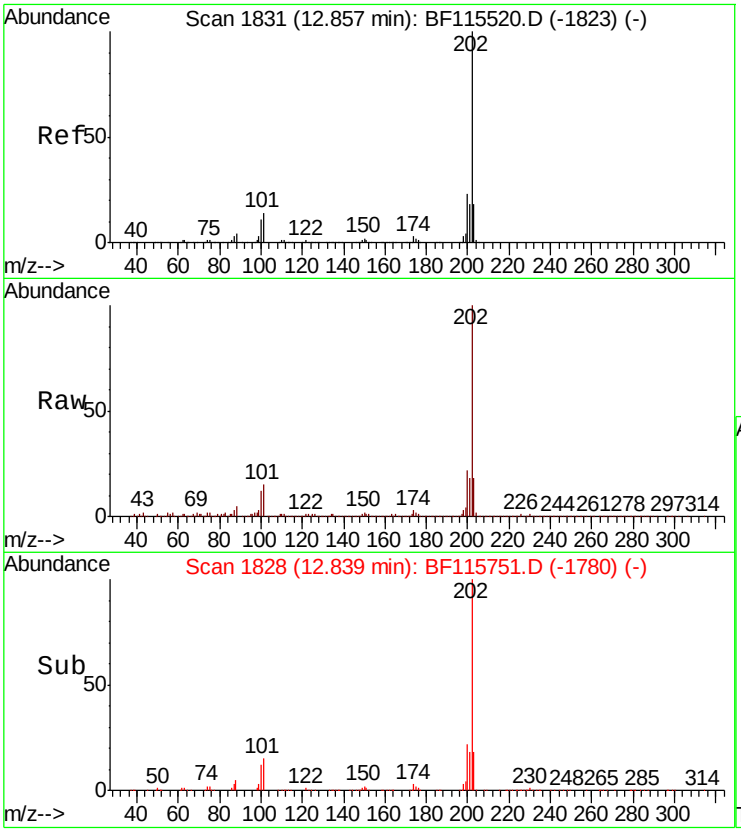


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:240 Resp: 253587

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	26.9	21.3	31.9



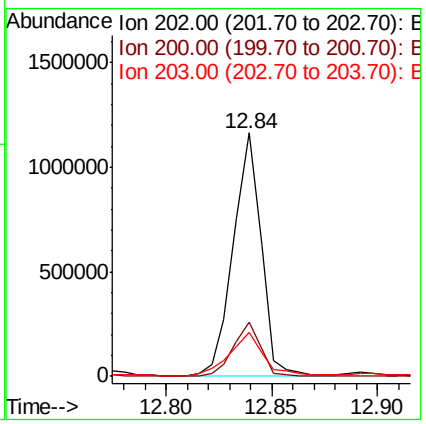


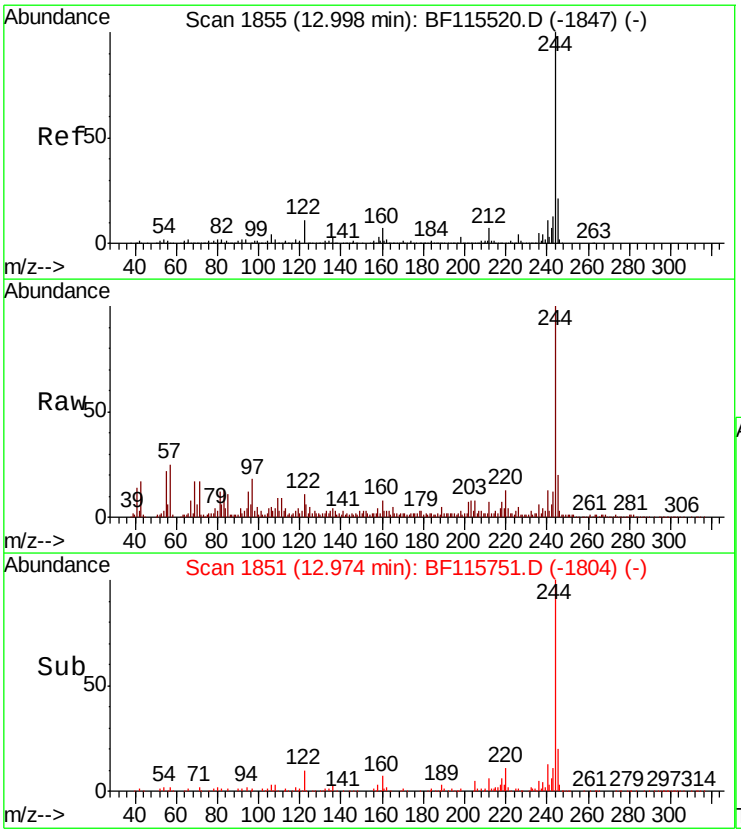
#78
Pyrene
Concen: 49.014 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1053054

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.7	28.1
203	18.2	15.2	22.8

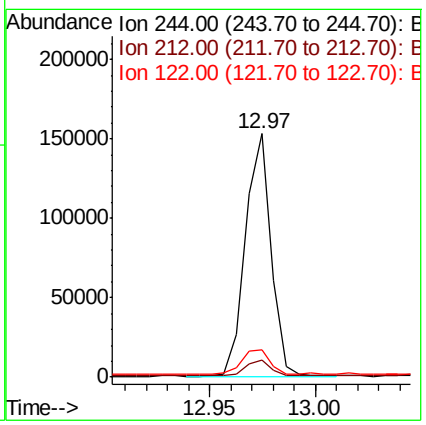


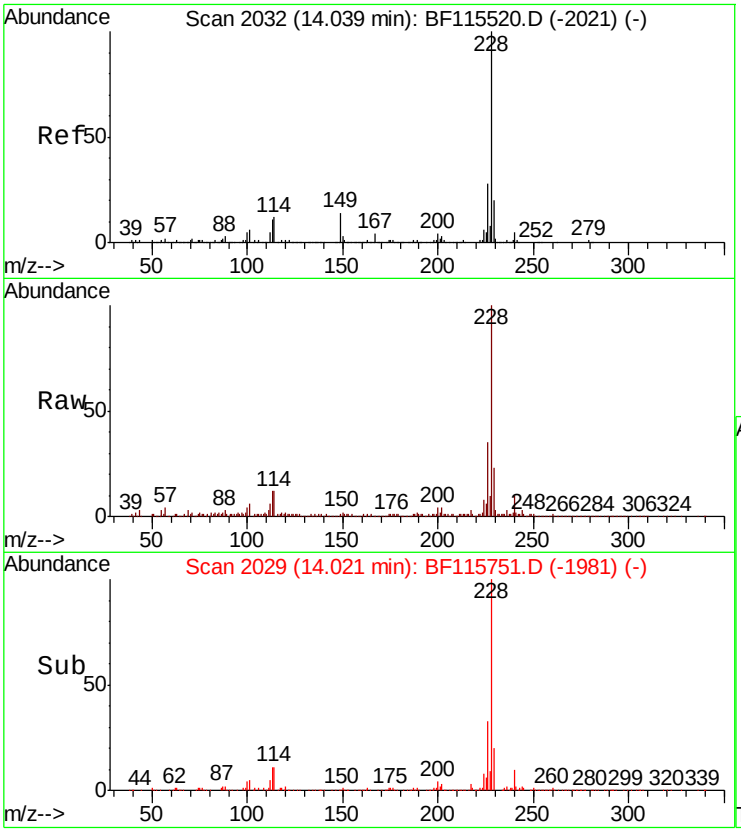


#79
Terphenyl-d14
Concen: 9.379 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:244 Resp: 128898

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.4	8.6	12.8



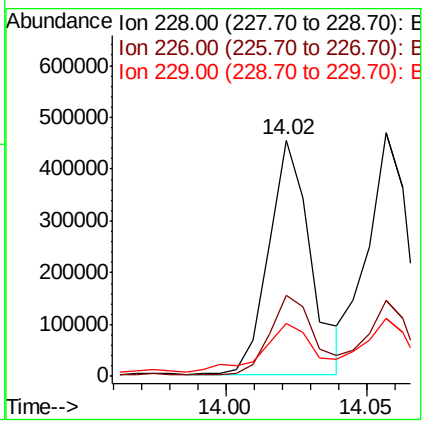


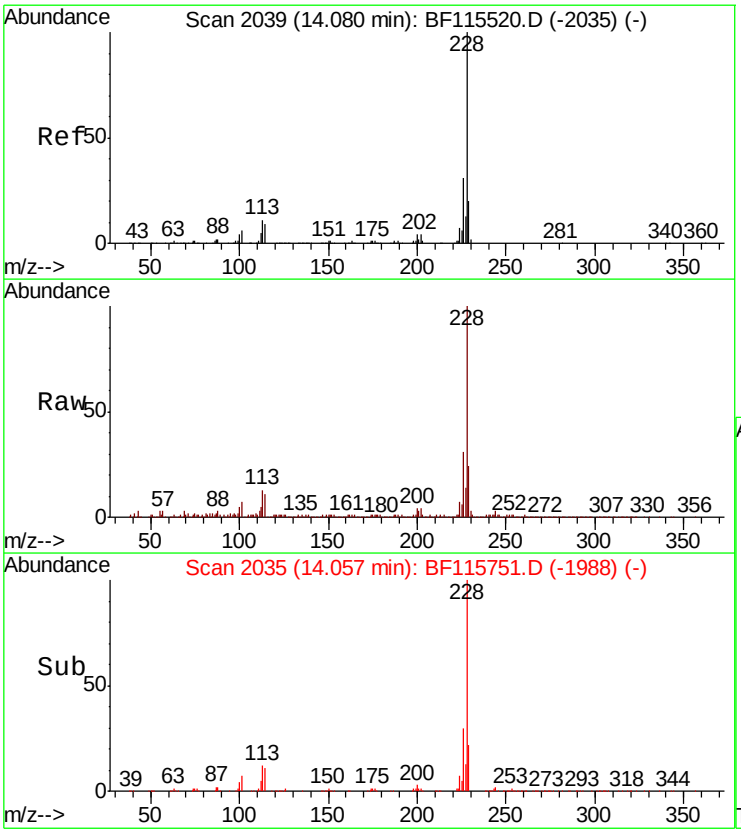
#81
Benzo(a)anthracene
Concen: 27.850 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 465280

Ion	Ratio	Lower	Upper
228	100		
226	34.6	23.4	35.0
229	22.7	17.2	25.8

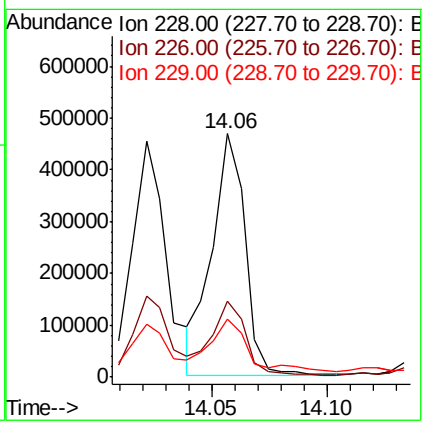


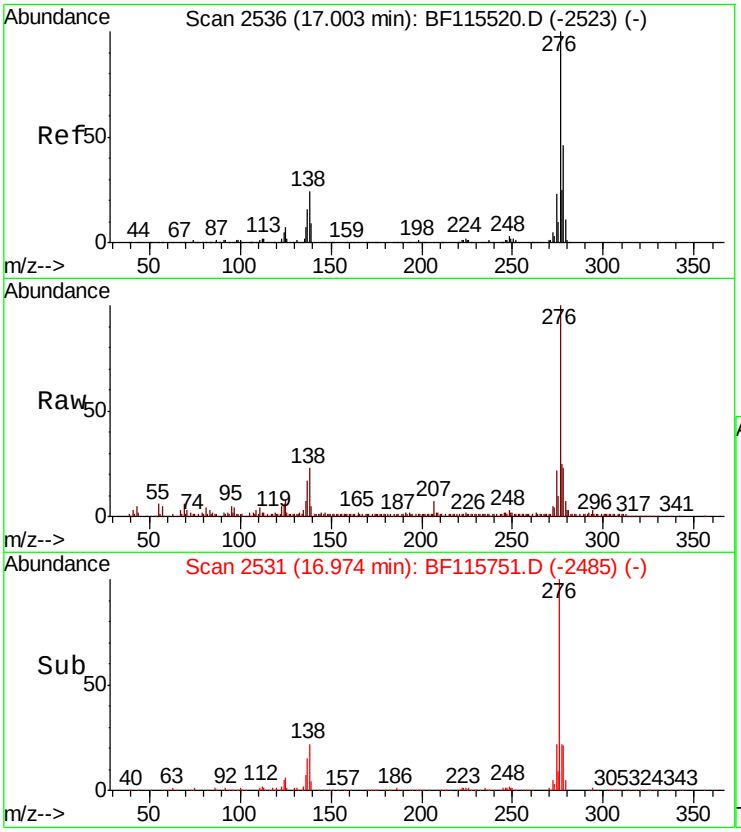


#83
Chrysene
Concen: 27.686 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:228 Resp: 464318

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	24.0	16.6	25.0



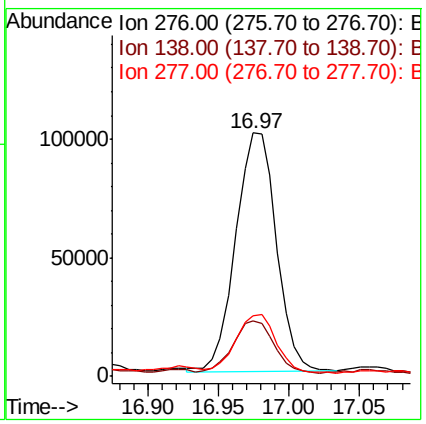


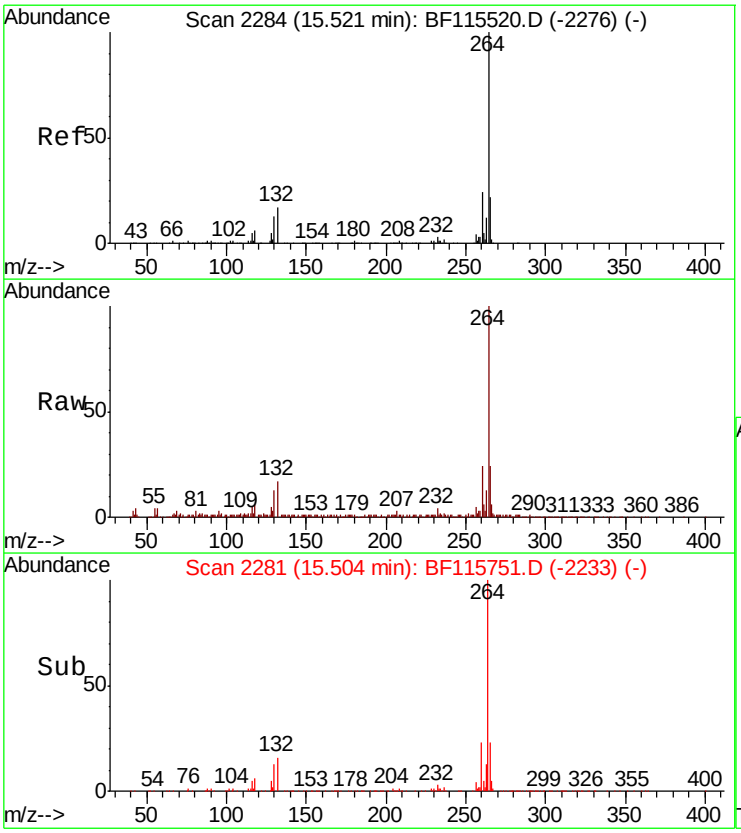
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.229 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 202739

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.2	30.2
277	24.5	20.4	30.6

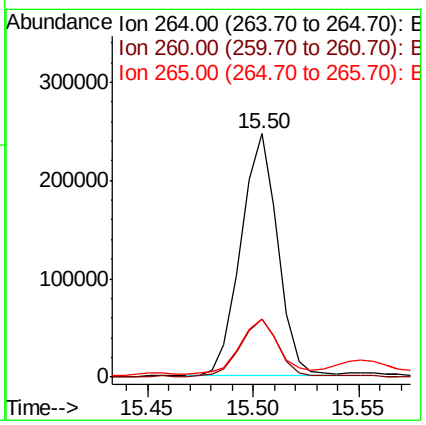


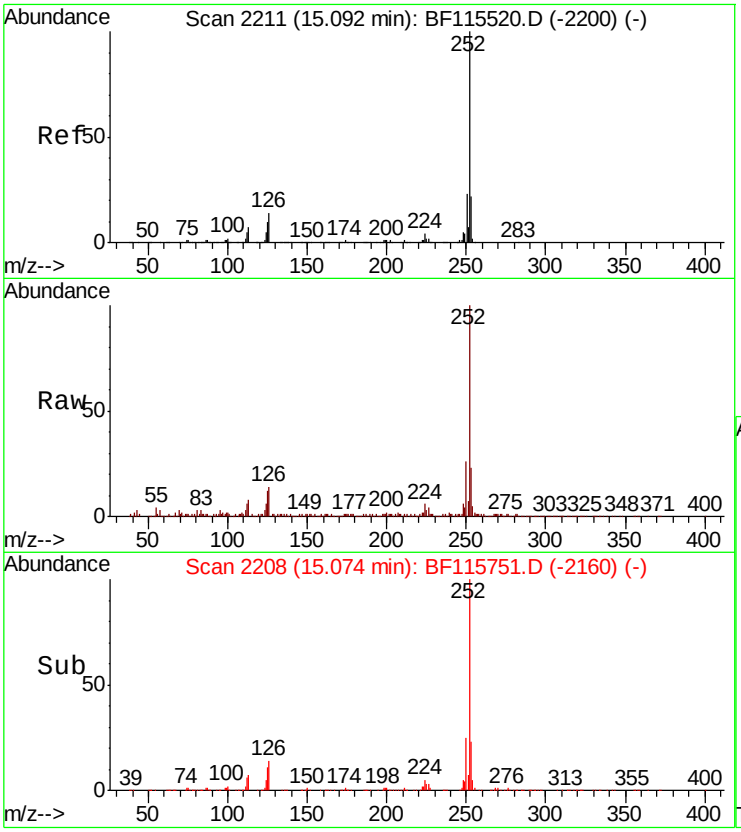


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:264 Resp: 298404

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	23.8	17.7	26.5



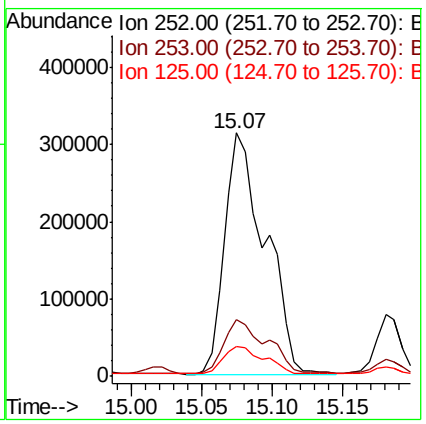


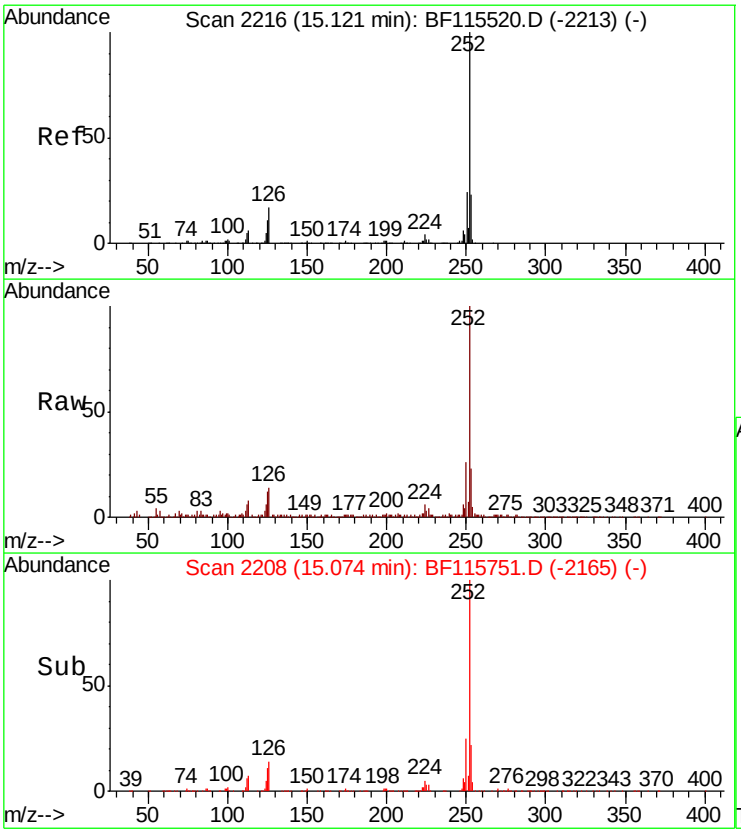
#88
Benzo(b)fluoranthene
Concen: 32.624 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 626862

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.4	9.0	13.4

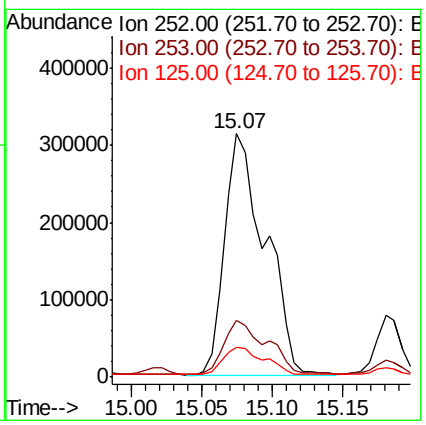


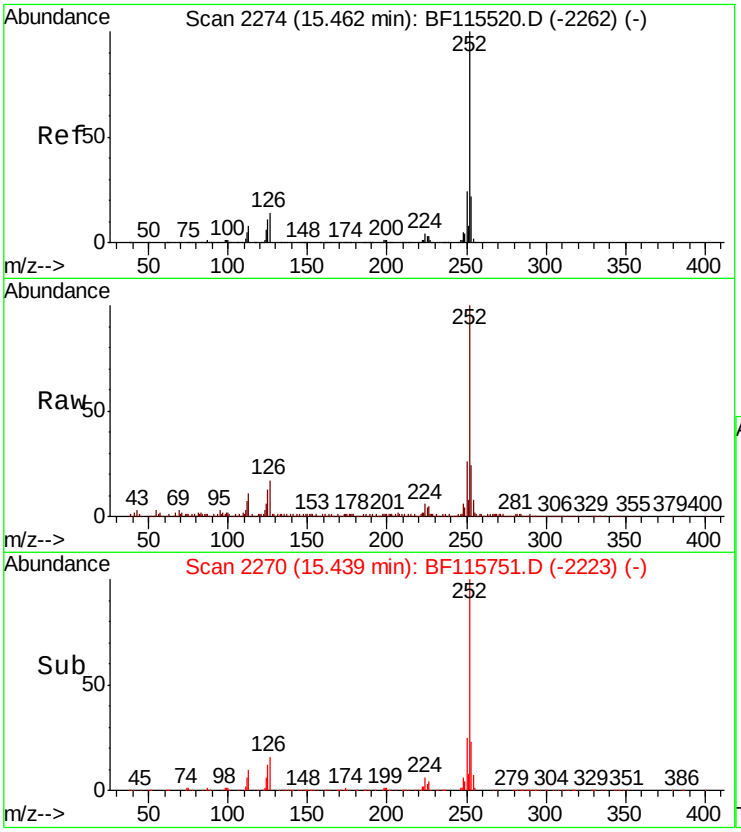


#89
Benzo(k)fluoranthene
Concen: 36.592 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:252 Resp: 626862

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	12.4	9.0	13.6



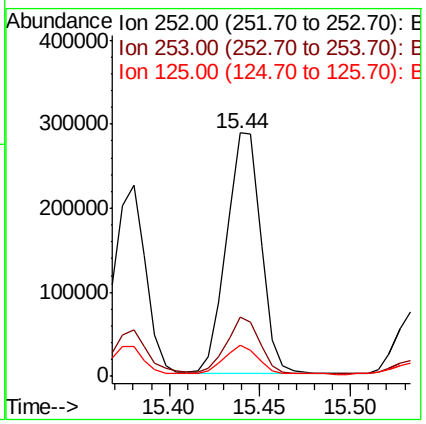


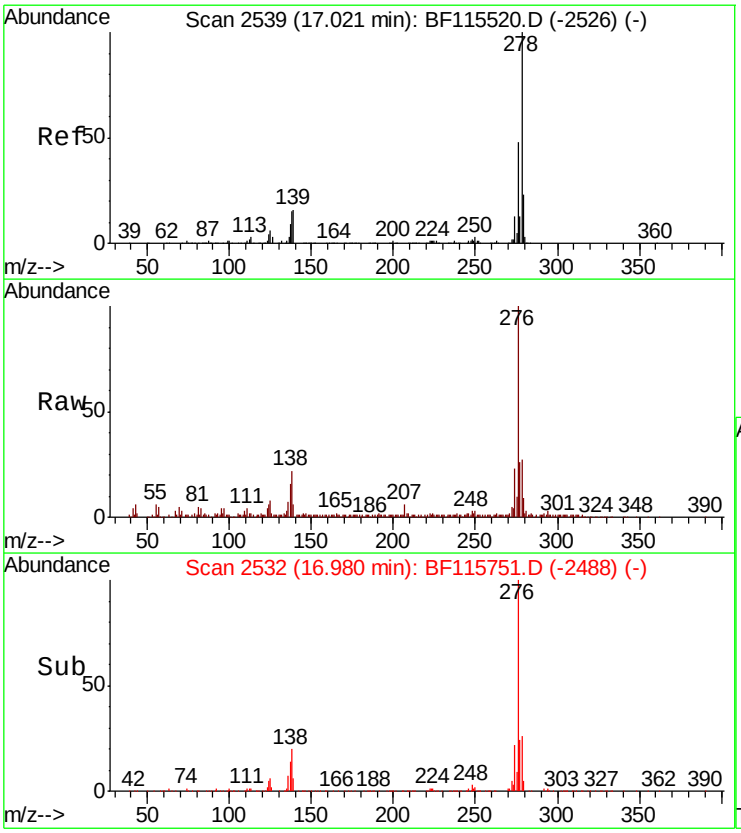
#90
Benzo(a)pyrene
Concen: 23.088 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 381296

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	12.6	9.1	13.7

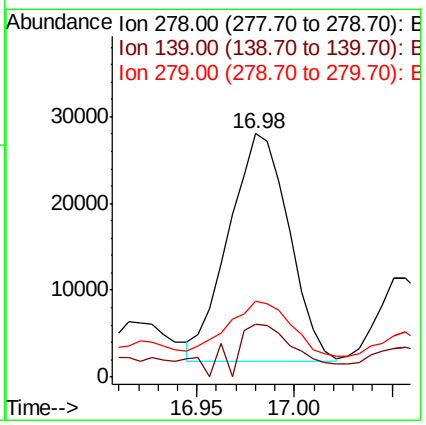


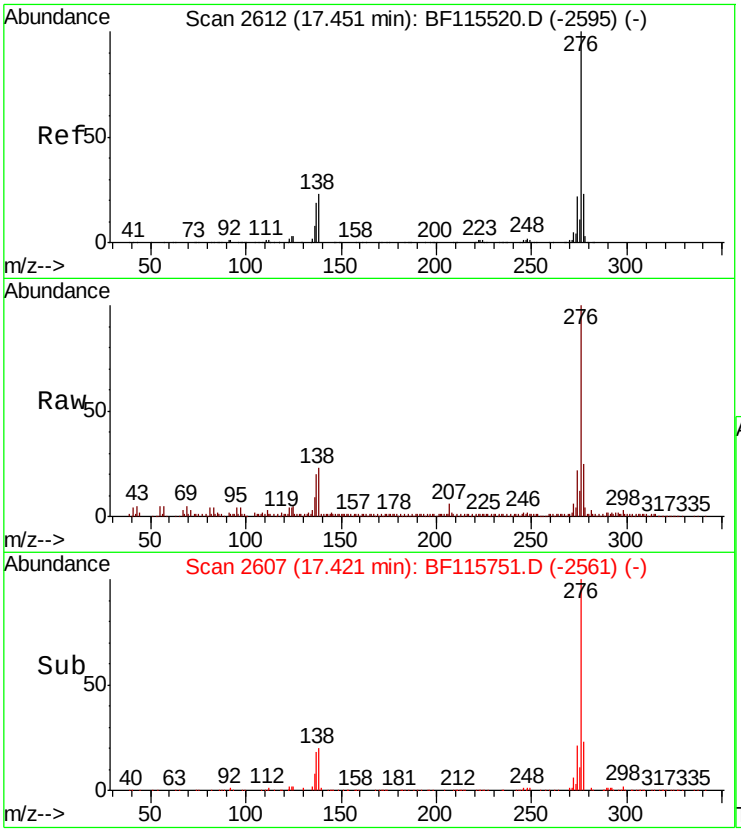


#91
Dibenzo(a,h)anthracene
Concen: 3.856 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Tgt Ion:278 Resp: 55902

Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.1	19.7#
279	31.1	19.6	29.4#





#92
Benzo(g,h,i)perylene
Concen: 14.334 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.03 min
Lab File: BF115751.D
Acq: 24 Jul 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 207269

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.0	28.4
138	22.7	17.2	25.8