Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111435.D
Acq On : 14 Dec 2018 22:48
Operator : JU/SJ
Sample : J6371-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB04-0-2

Quant Time: Dec 14 23:20:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	175179	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	592630	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	235430	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	358186	20.00	ng		0.00
76) Chrysene-d12	13.96	240	304189	20.00	ng		0.00
87) Perylene-d12	15.39	264	227222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	866229	82.28	ng		0.00
7) Phenol-d6	6.44	99	1131433	80.80	ng		0.00
23) Nitrobenzene-d5	7.35	82	606477	60.94	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	126431	59.95	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1041360	68.32	ng		0.00
79) Terphenyl-d14	12.90	244	789971	60.98	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	77177	4.948	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	77180	8.354	ng	#	83
25) Isophorone	7.35	82	606472	36.016	ng	#	64
50) Dimethylphthalate	9.55	163	97843	5.771	ng		97
52) Acenaphthene	9.86	154	29638	2.083	ng		93
57) 2,4-Dinitrotoluene	9.83	165	29944	5.978	ng	#	25
58) Fluorene	10.37	166	34811	2.324	ng		99
67) 4-Bromophenyl-phenylether	10.62	248	8432	2.184	ng	#	1
71) Phenanthrene	11.34	178	668720	36.232	ng		94
72) Anthracene	11.39	178	126086	6.680	ng		93
73) Carbazole	11.54	167	58116	2.977	ng	#	94
75) Fluoranthene	12.53	202	1177630	65.221	ng		100
78) Pyrene	12.76	202	1103249	51.442	ng		96
81) Benzo(a)anthracene	13.94	228	517172	31.268	ng		99
83) Chrysene	13.98	228	505910	29.035	ng		97
86) Indeno(1,2,3-cd)pyrene	16.66	276	42773	3.401	ng		92
88) Benzo(b)fluoranthene	14.98	252	666826	50.337	ng		98
89) Benzo(k)fluoranthene	14.98	252	666826	52.680	ng		98
90) Benzo(a)pyrene	15.33	252	330962	27.705	ng		97
91) Dibenzo(a,h)anthracene	16.81	278	62891	6.674	ng	#	72
92) Benzo(g,h,i)perylene	17.23	276	236221	25.538	ng		98

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

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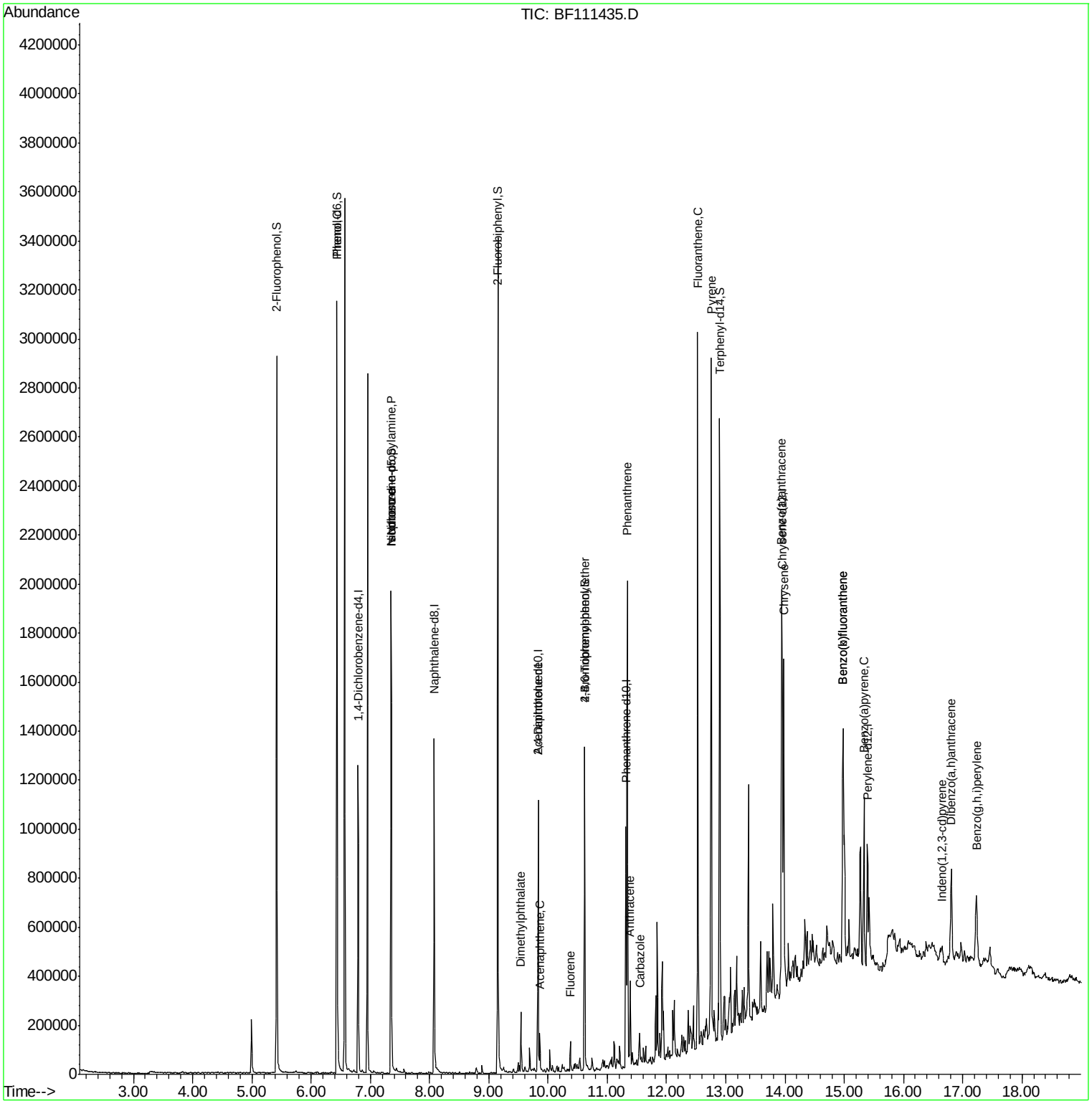
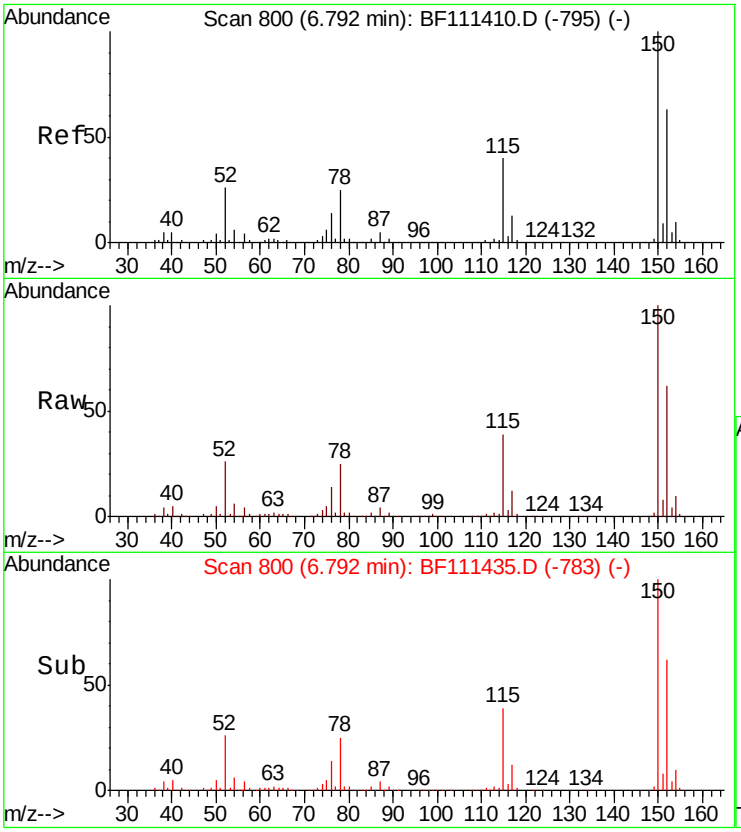


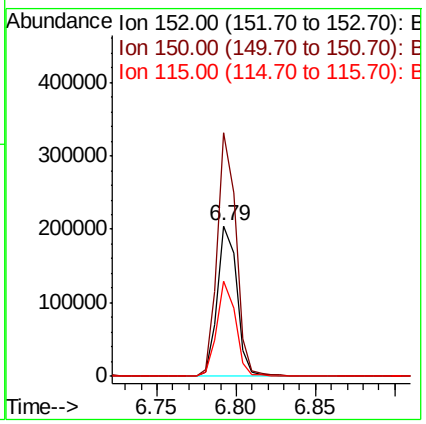


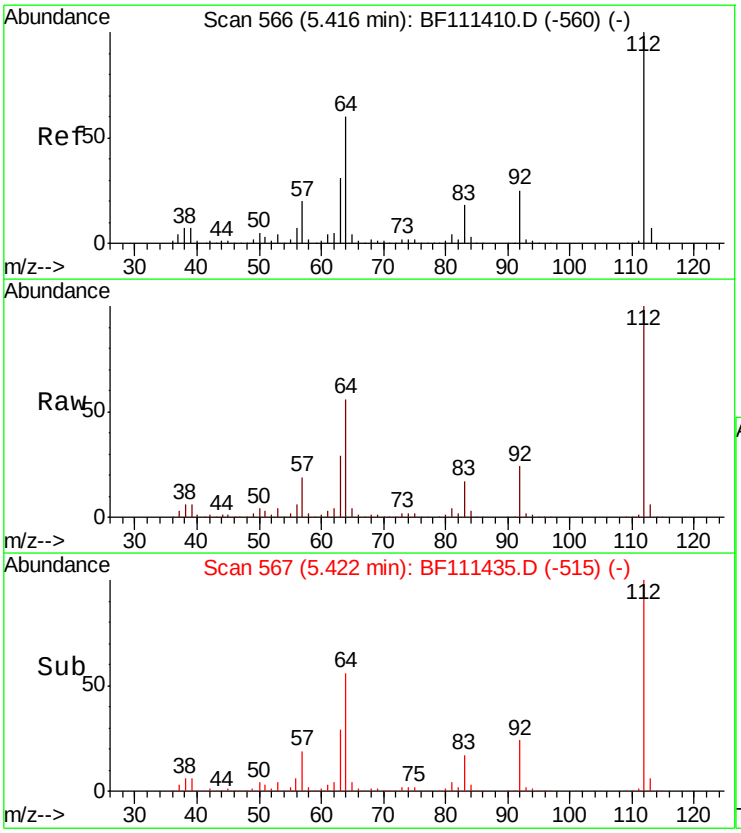
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:152 Resp: 175179

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.6	189.8
115	63.4	50.7	76.1

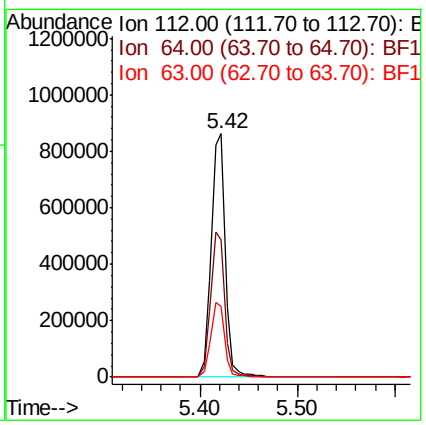


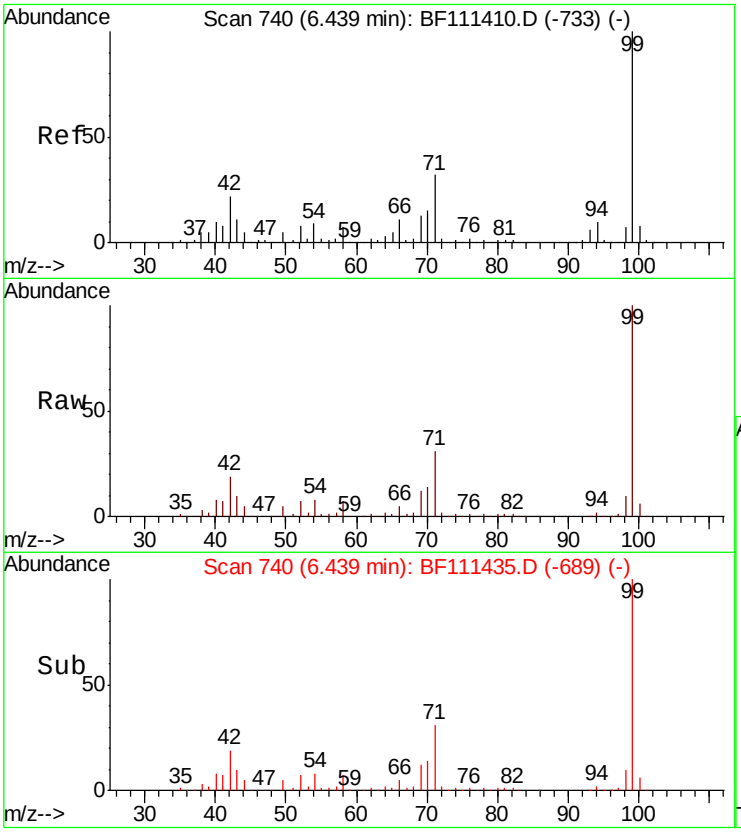


#5
2-Fluorophenol
Concen: 82.285 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:112 Resp: 866229

Ion	Ratio	Lower	Upper
112	100		
64	56.5	51.8	77.6
63	29.2	26.8	40.2



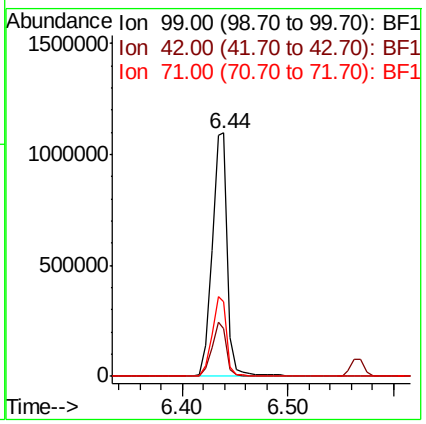


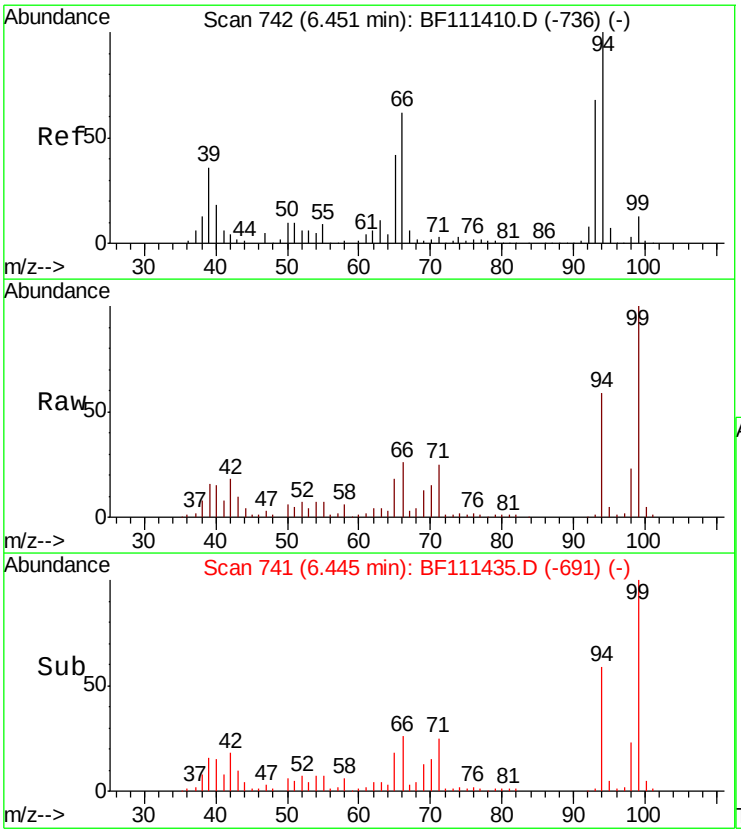
#7
Phenol-d6
Concen: 80.799 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion: 99 Resp: 1131433

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.4	26.0
71	30.6	26.1	39.1

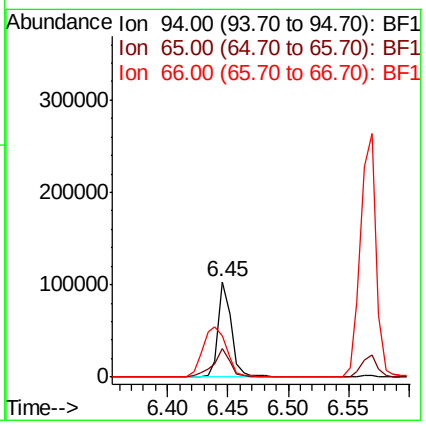


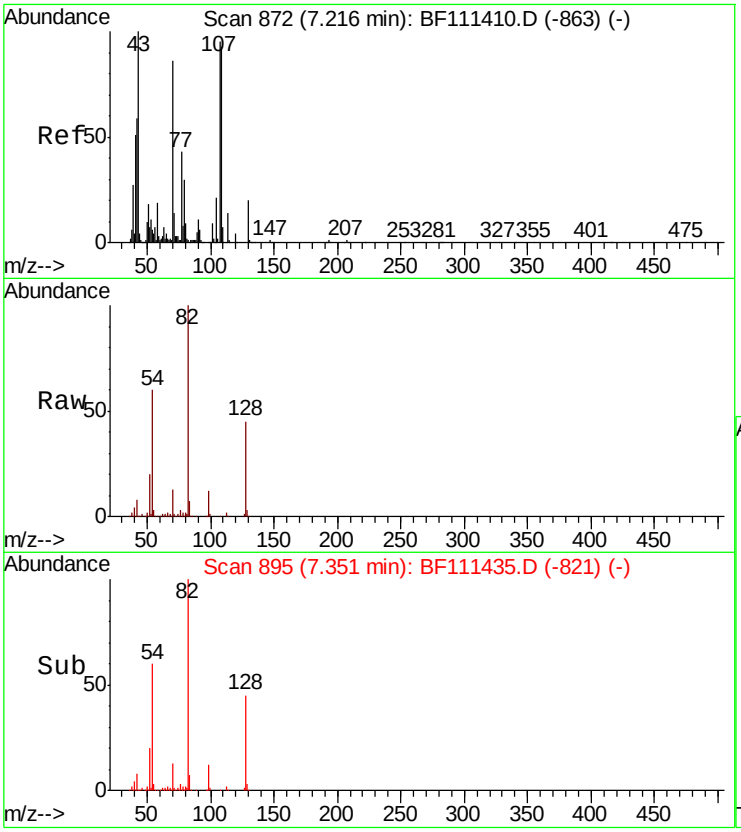


#10
Phenol
Concen: 4.948 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion: 94 Resp: 77177

Ion	Ratio	Lower	Upper
94	100		
65	30.0	11.7	51.7
66	43.2	21.0	61.0



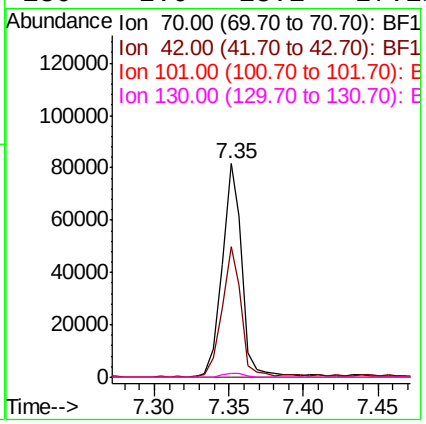


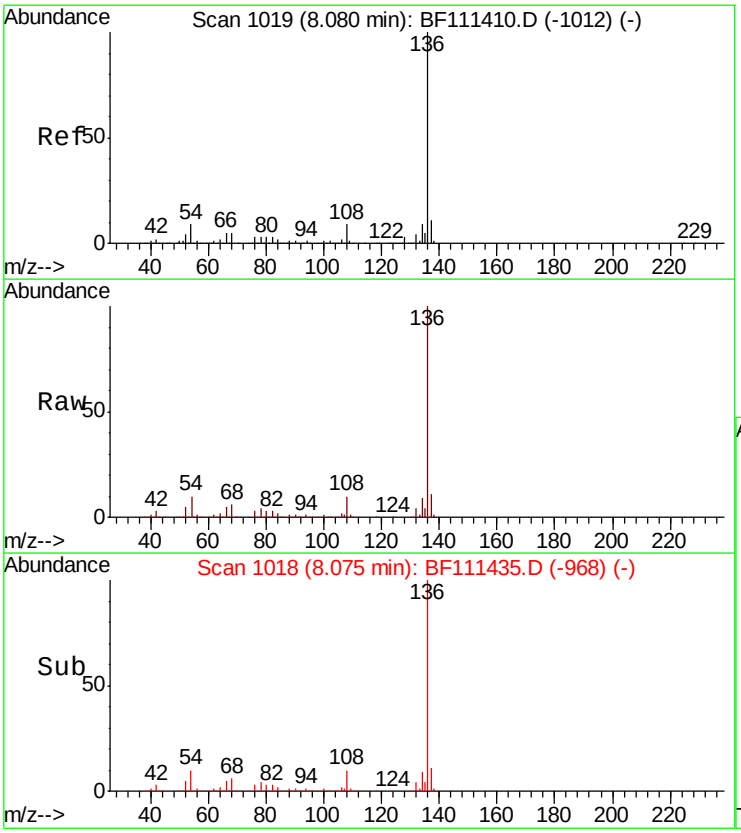
#19
n-Nitroso-di-n-propylamine
Concen: 8.354 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion: 70 Resp: 77180

Ion	Ratio	Lower	Upper
70	100		
42	60.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

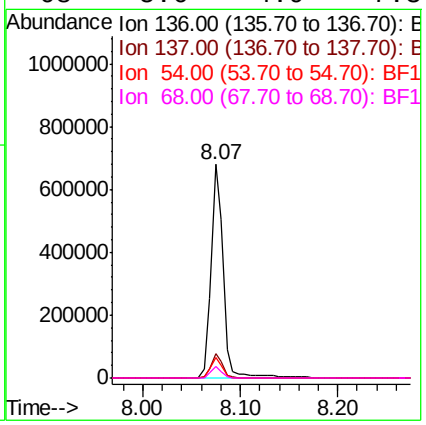


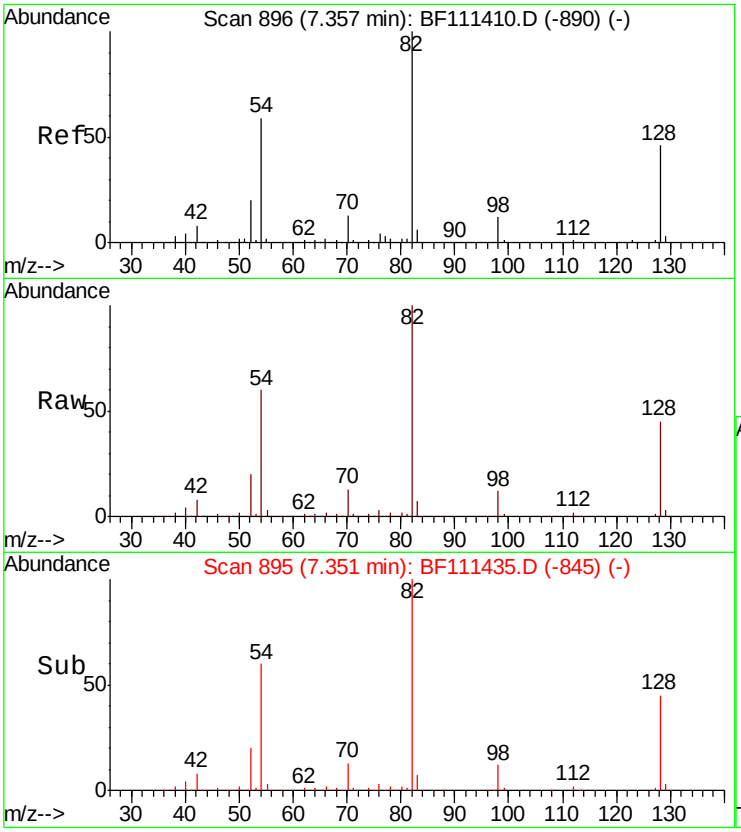


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:136 Resp: 592630

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.8	7.7	11.5
68	5.6	4.9	7.3



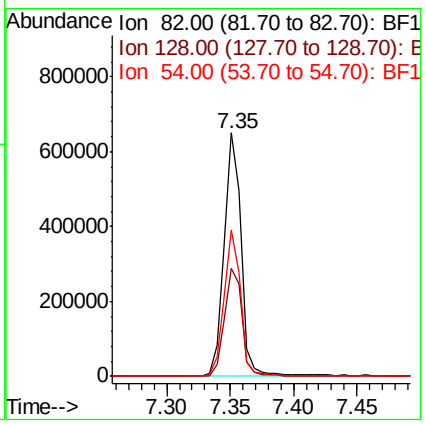


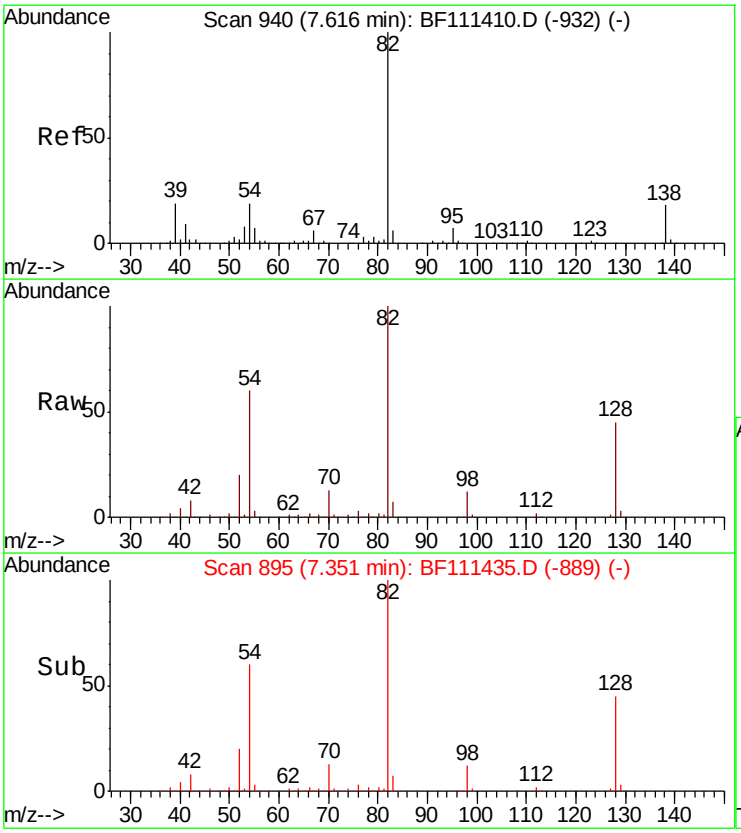
#23
Nitrobenzene-d5
Concen: 60.940 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion: 82 Resp: 606477

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.4	56.2
54	60.3	47.6	71.4

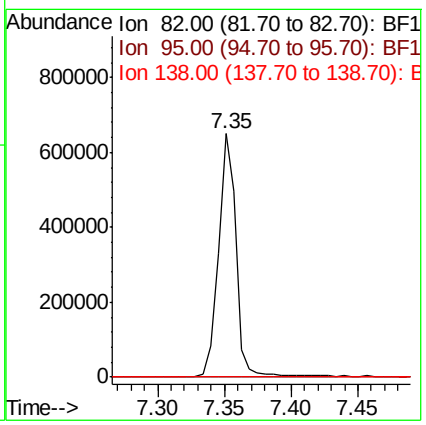


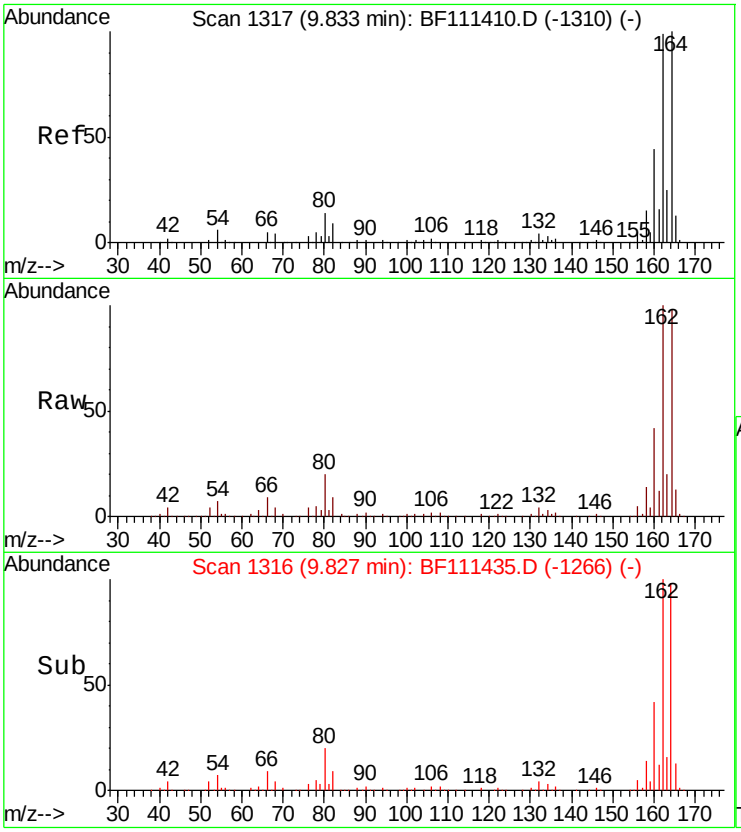


#25
Isophorone
Concen: 36.016 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion: 82 Resp: 606472

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



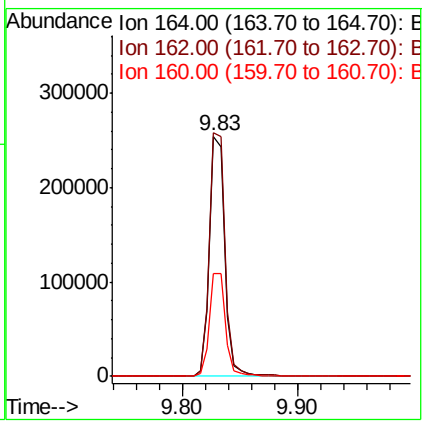


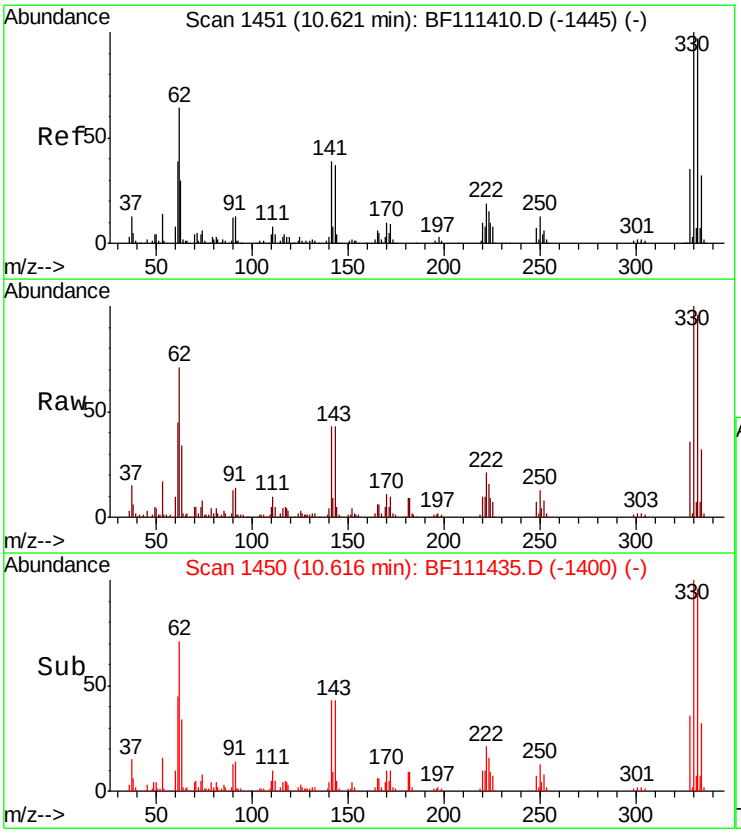
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:164 Resp: 235430

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	42.7	35.7	53.5

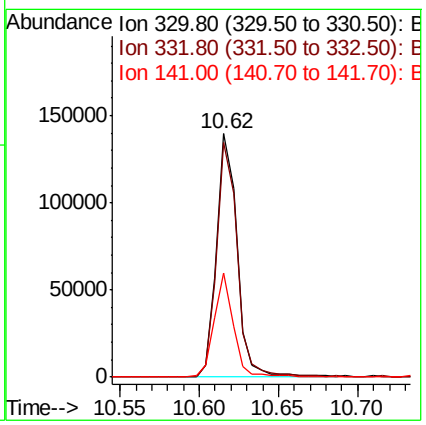


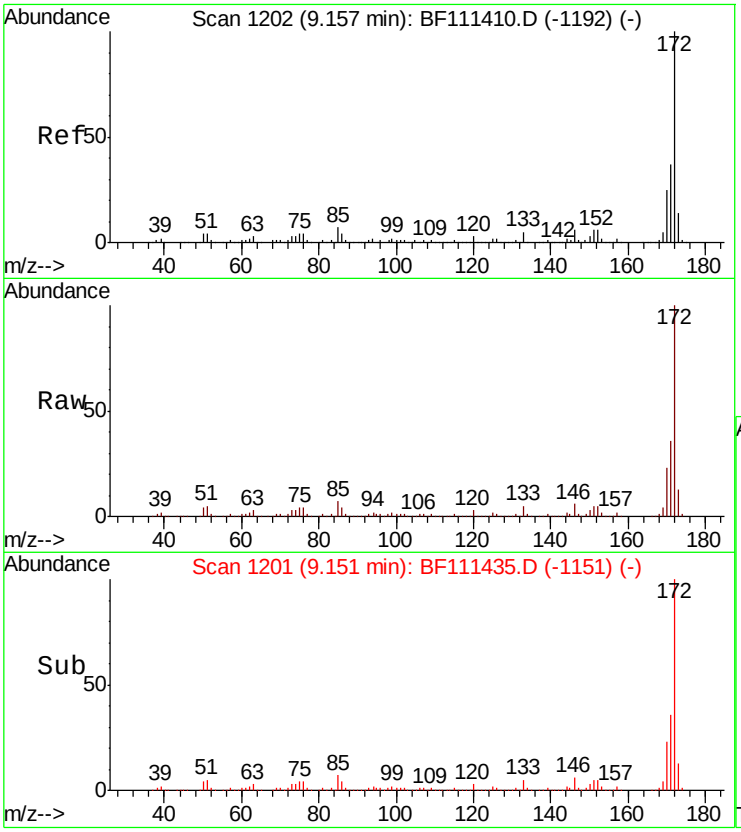


#42
2,4,6-Tribromophenol
Concen: 59.950 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:330 Resp: 126431

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.0	114.0
141	41.1	31.0	46.6



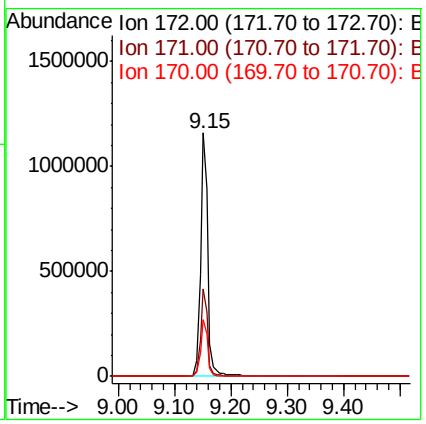


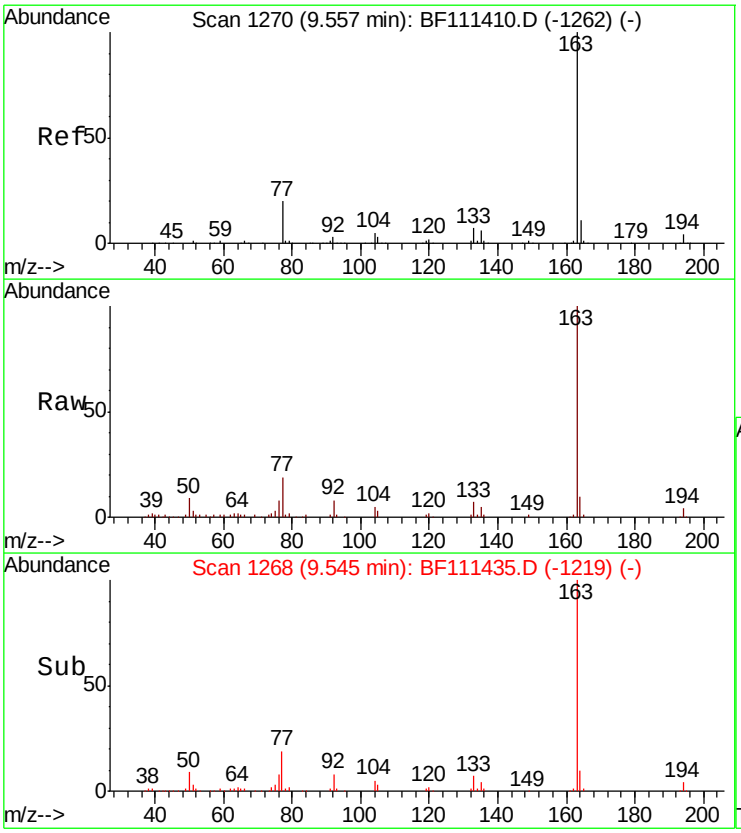
#45
2-Fluorobiphenyl
Concen: 68.323 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:172 Resp: 1041360

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.3	22.3	33.5

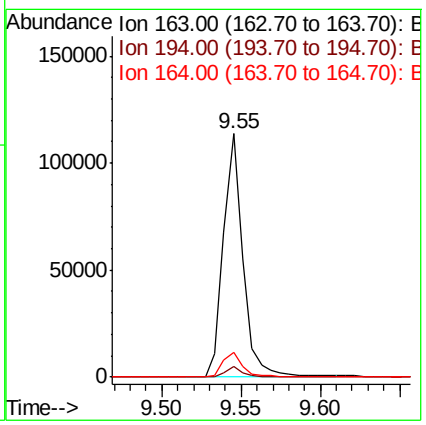


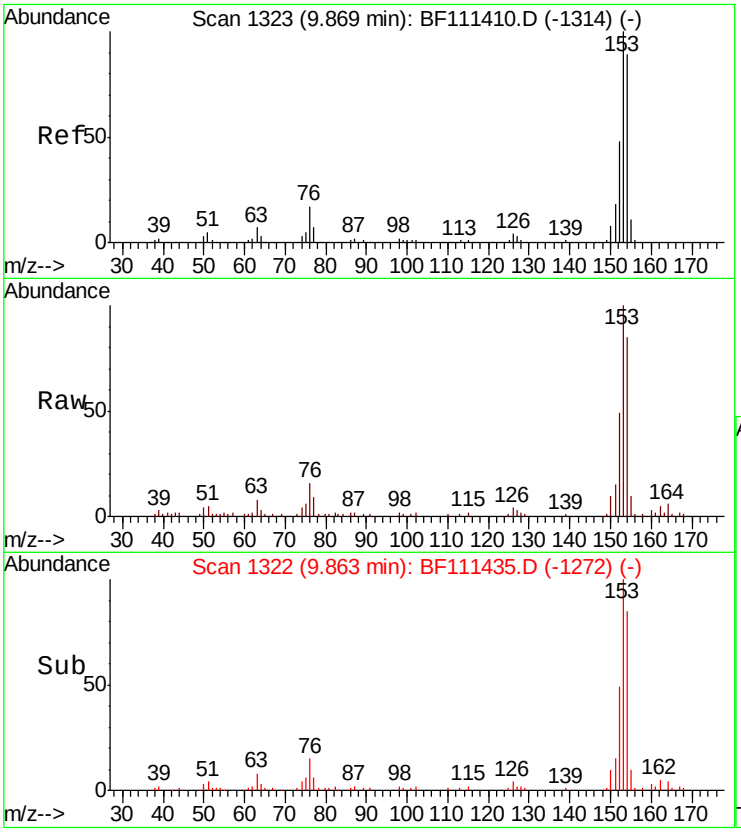


#50
Dimethylphthalate
Concen: 5.771 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:163 Resp: 97843

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.9	8.9	13.3



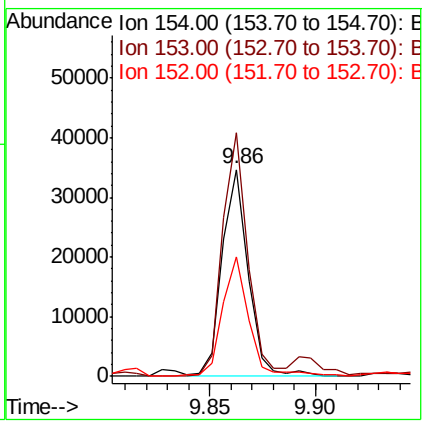


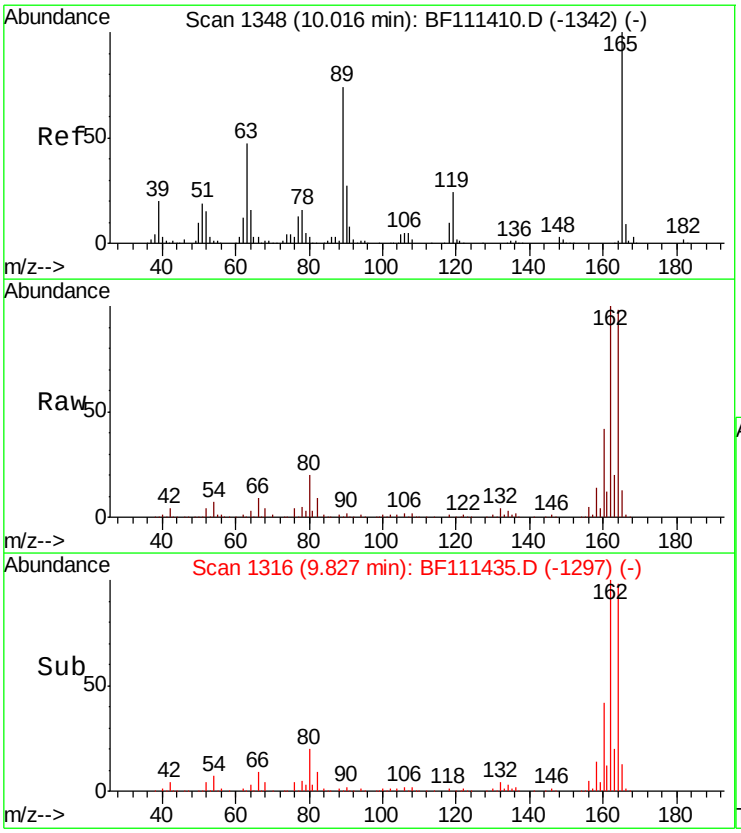
#52
Acenaphthene
Concen: 2.083 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:154 Resp: 29638

Ion	Ratio	Lower	Upper
154	100		
153	117.7	87.8	131.8
152	58.1	43.4	65.2

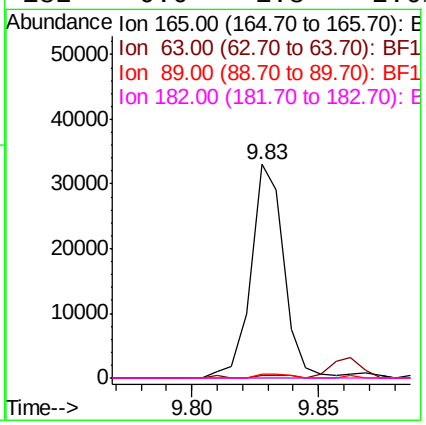


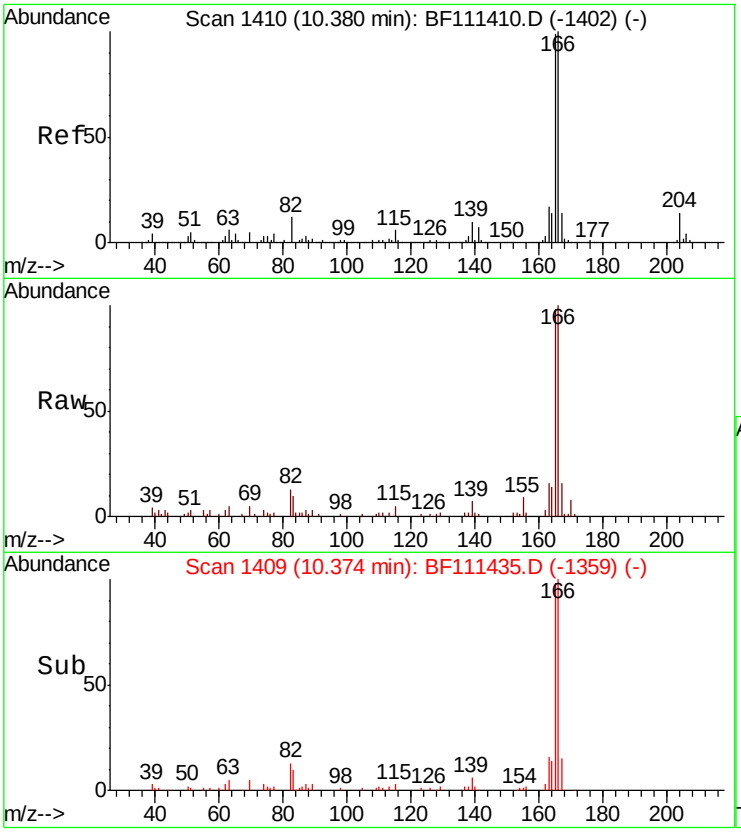


#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:165 Resp: 29944

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



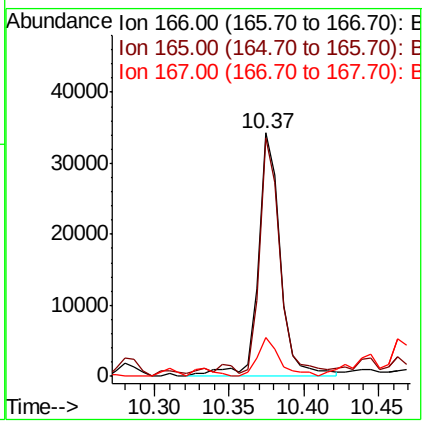


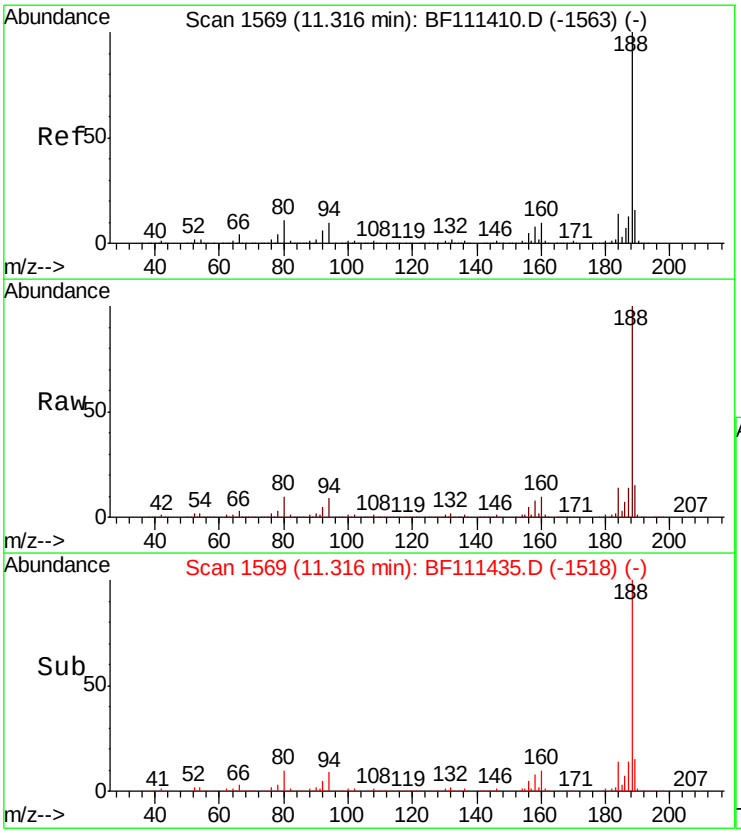
#58
Fluorene
Concen: 2.324 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:166 Resp: 34811

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	16.0	11.2	16.8

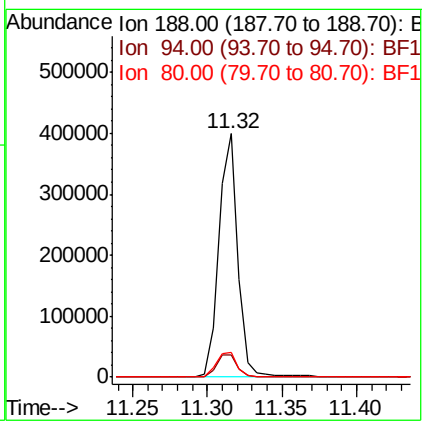


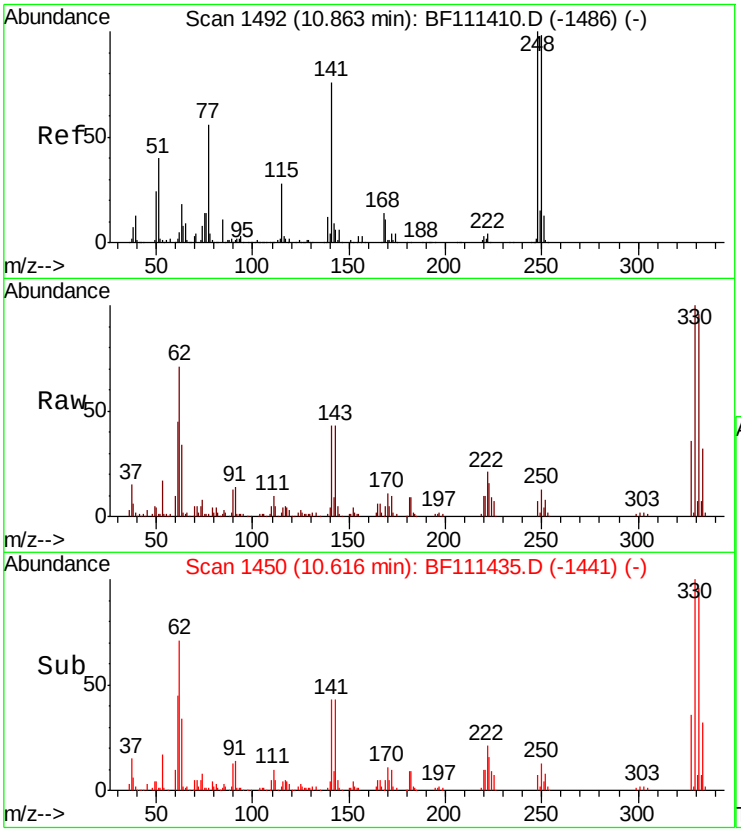


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:188 Resp: 358186

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.6	14.4#
80	10.1	9.8	14.6



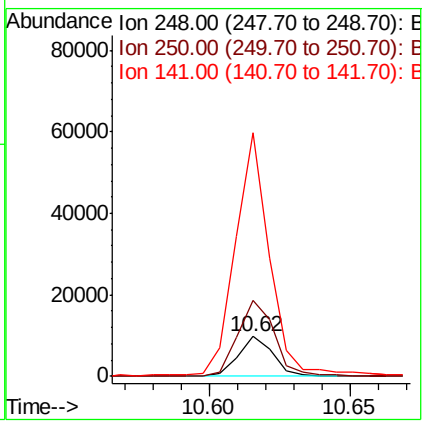


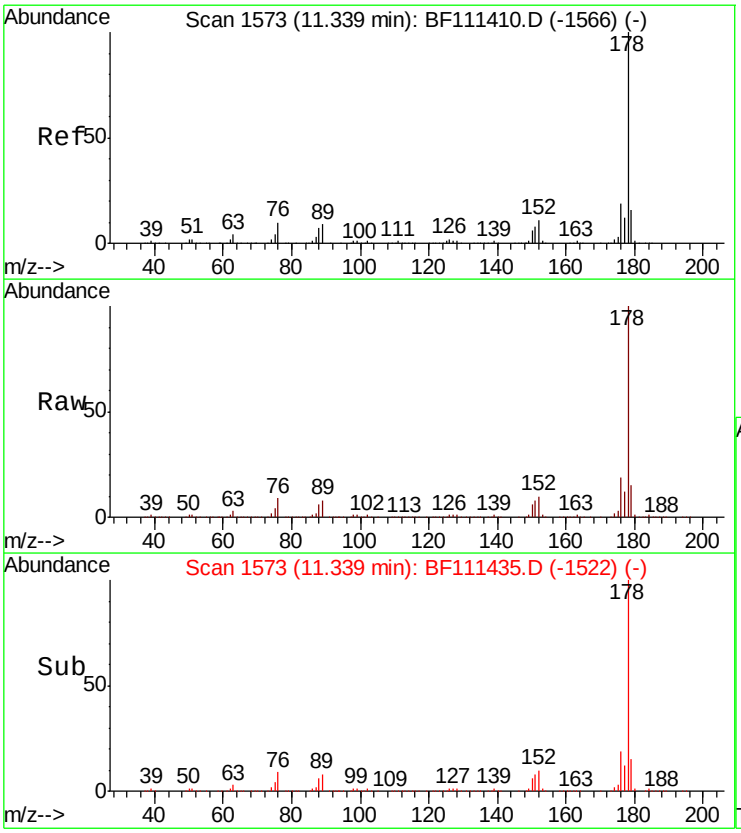
#67
4-Bromophenyl-phenylether
Concen: 2.184 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:248 Resp: 8432

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.0	115.4#
141	613.2	63.0	94.6#

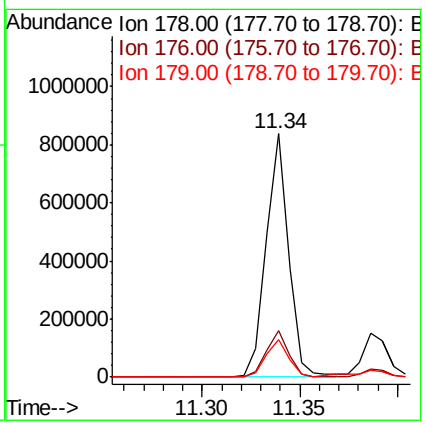


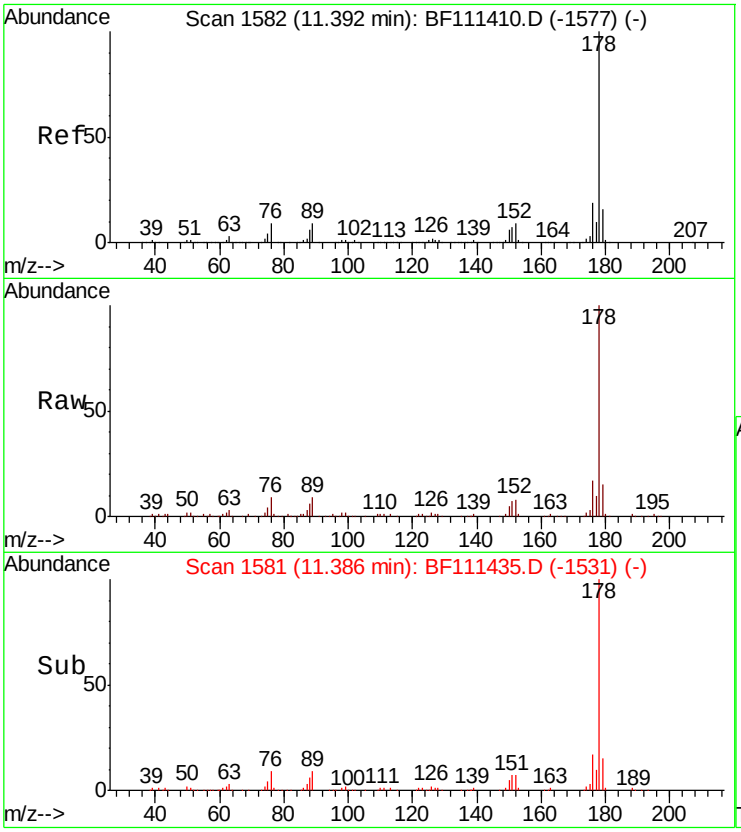


#71
Phenanthrene
Concen: 36.232 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:178 Resp: 668720

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.3	14.0	21.0



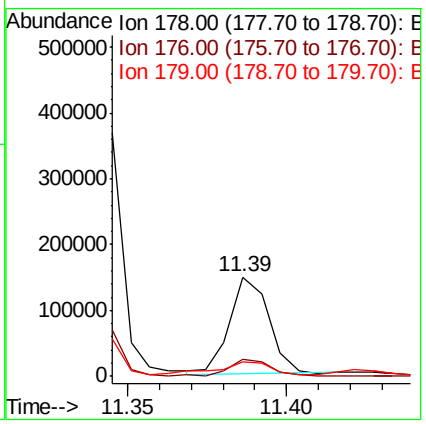


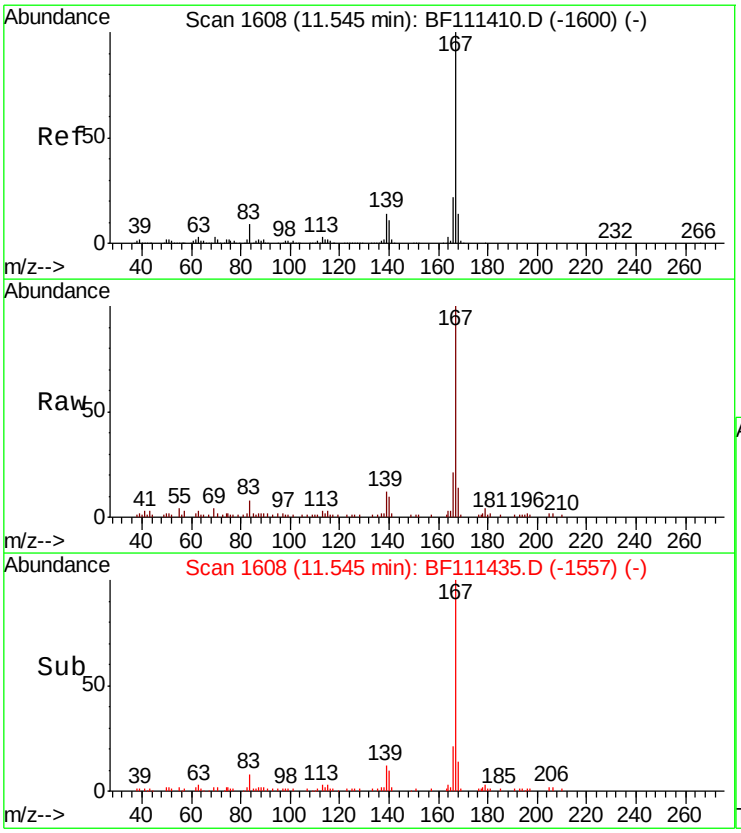
#72
Anthracene
Concen: 6.680 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:178 Resp: 126086

Ion	Ratio	Lower	Upper
178	100		
176	17.3	17.2	25.8
179	15.0	13.8	20.8

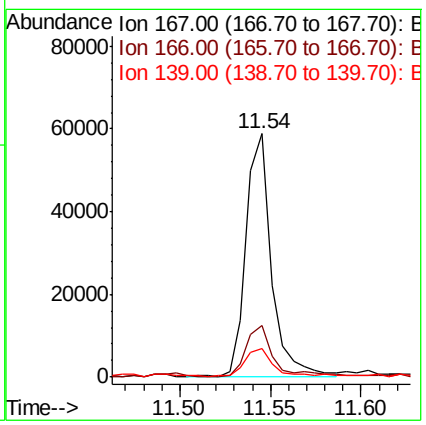


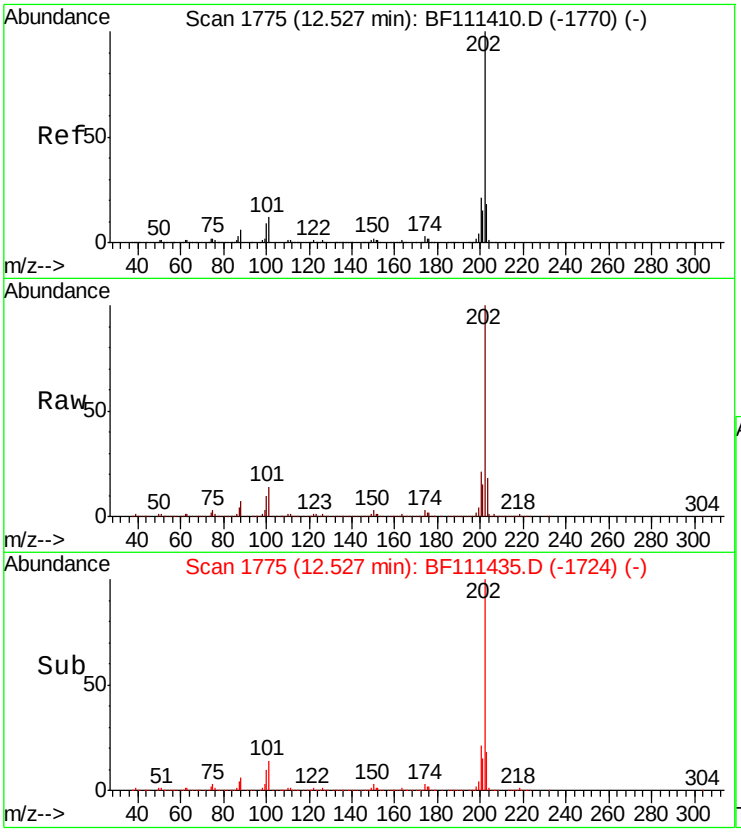


#73
Carbazole
Concen: 2.977 ng
RT: 11.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:167 Resp: 58116

Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.3	28.9
139	11.8	11.9	17.9#



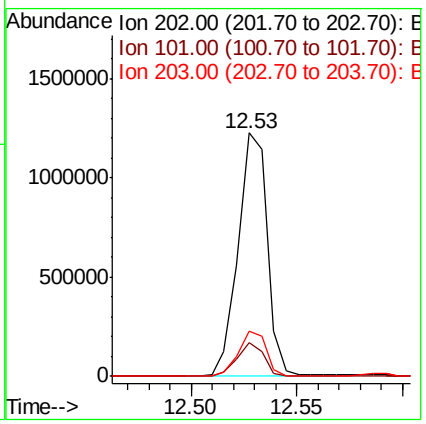


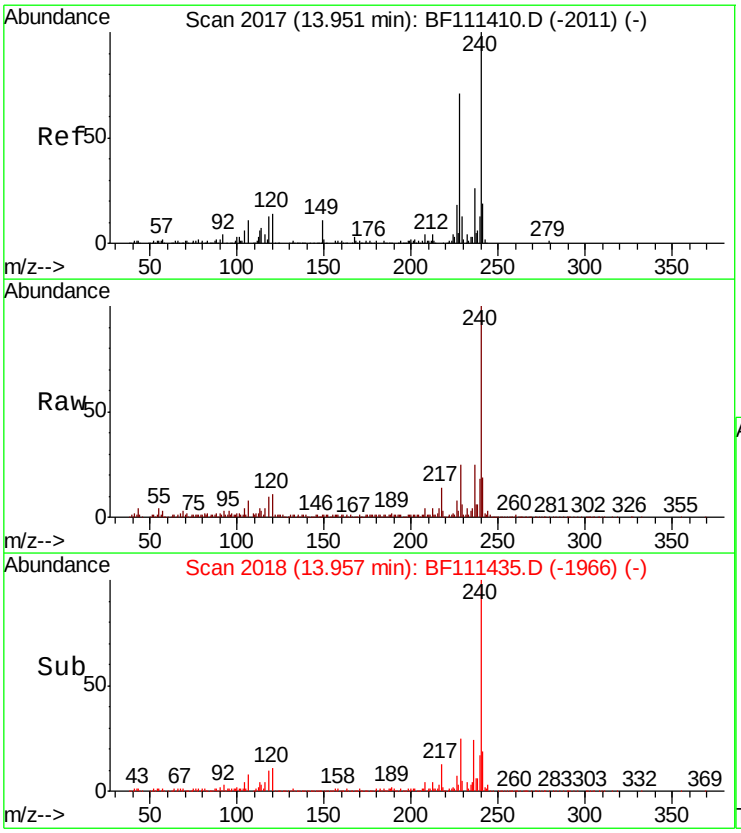
#75
Fluoranthene
Concen: 65.221 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:202 Resp: 1177630

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.8
203	18.4	0.0	38.6

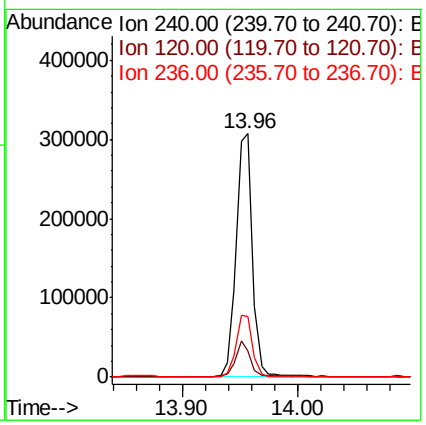


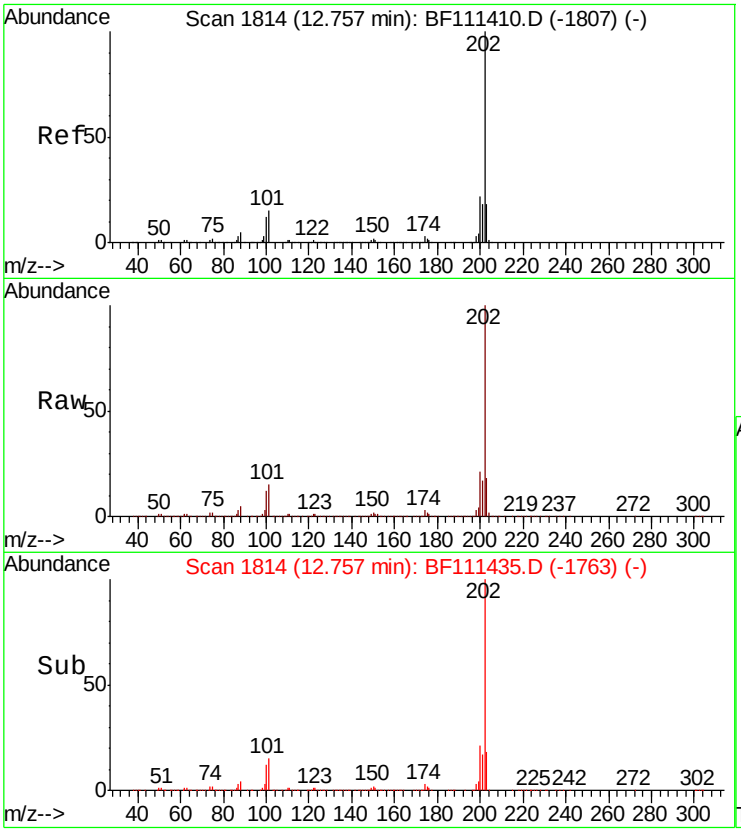


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:240 Resp: 304189

Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.2	18.2#
236	24.8	20.2	30.2



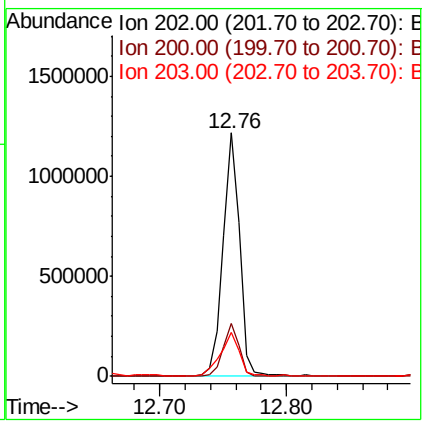


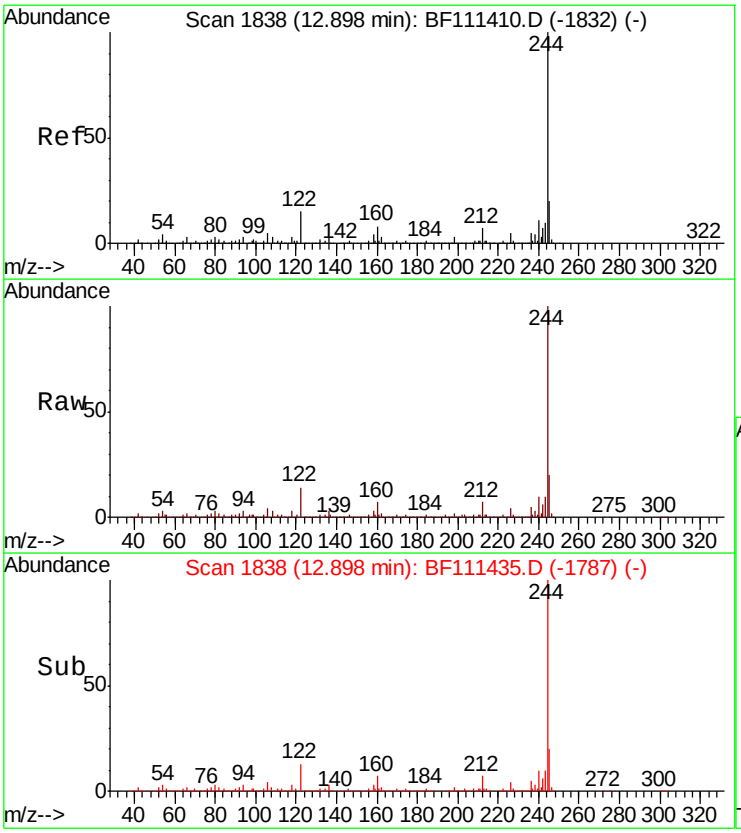
#78
Pyrene
Concen: 51.442 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:202 Resp: 1103249

Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.0	28.4
203	17.9	15.2	22.8

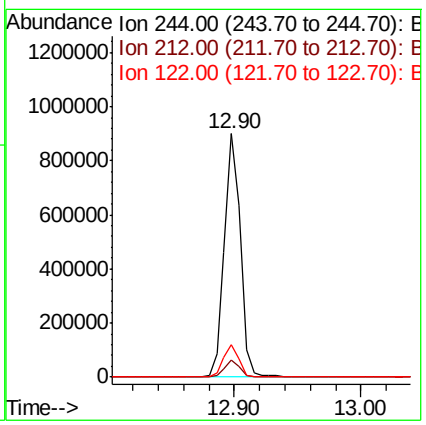


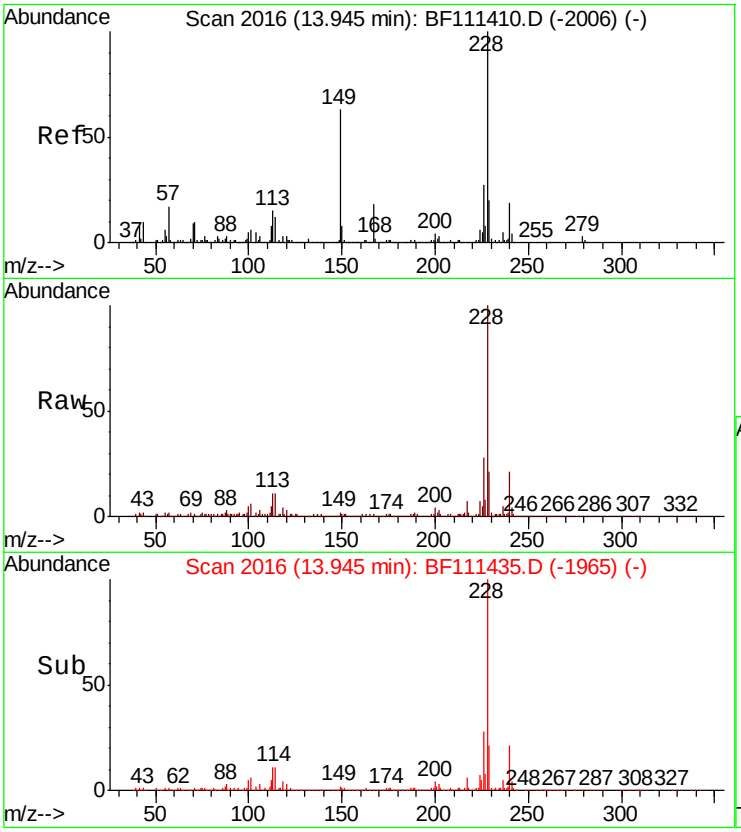


#79
Terphenyl-d14
Concen: 60.983 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:244 Resp: 789971

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	13.5	13.1	19.7



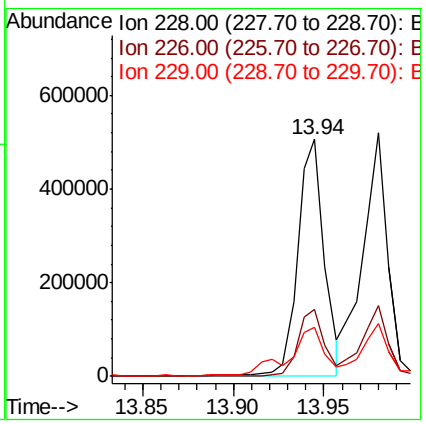


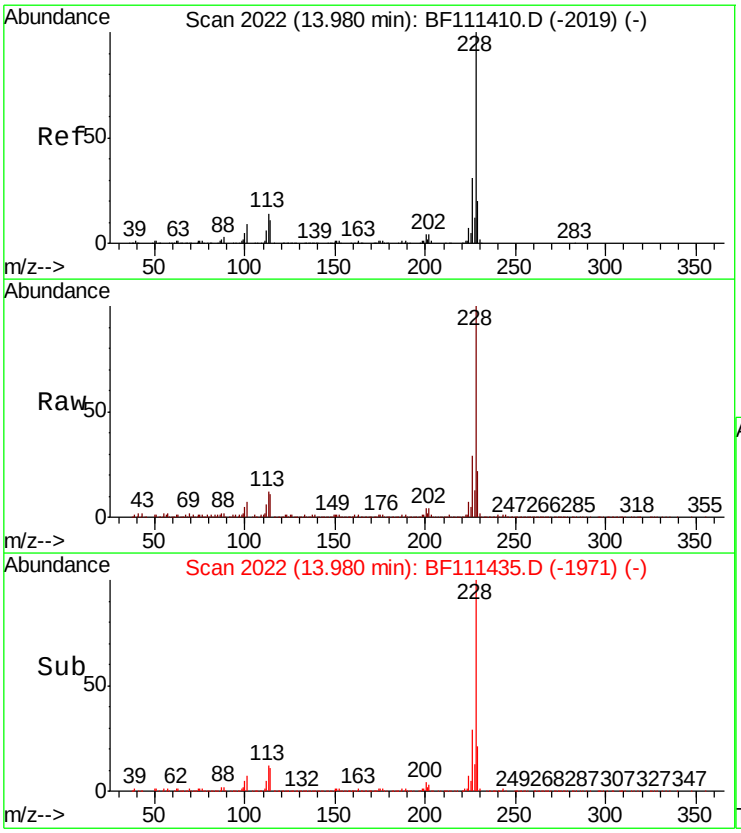
#81
Benzo(a)anthracene
Concen: 31.268 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:228 Resp: 517172

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.9	16.3	24.5

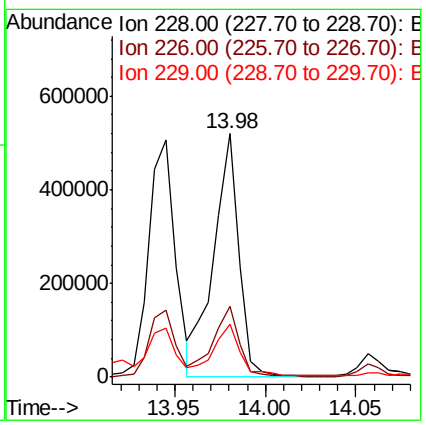


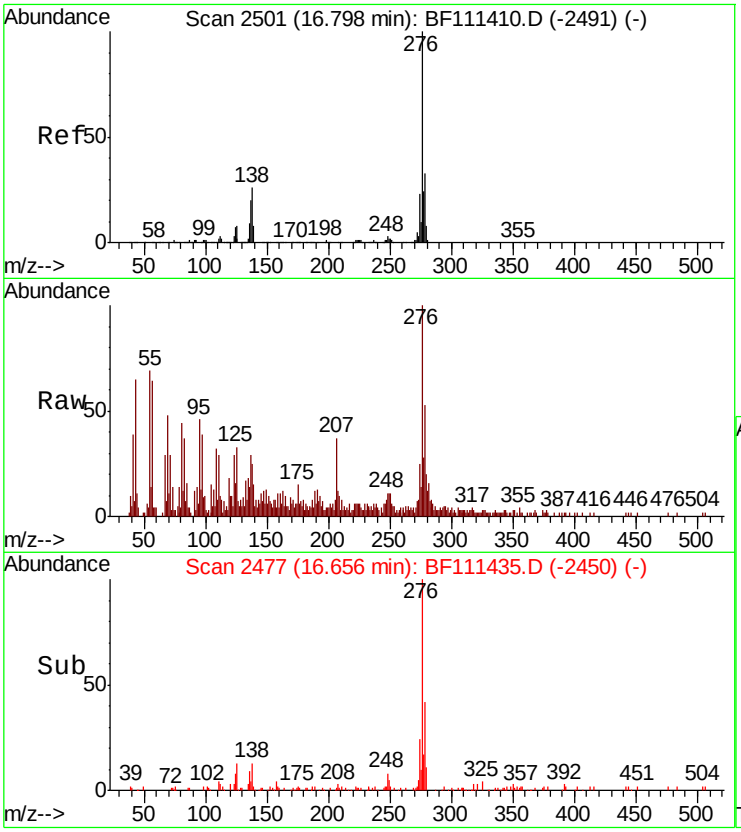


#83
Chrysene
Concen: 29.035 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:228 Resp: 505910

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.3	37.9
229	21.7	17.2	25.8



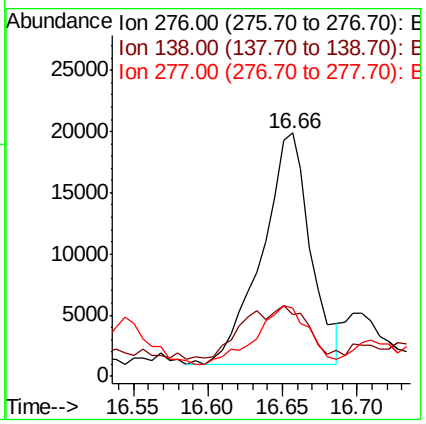


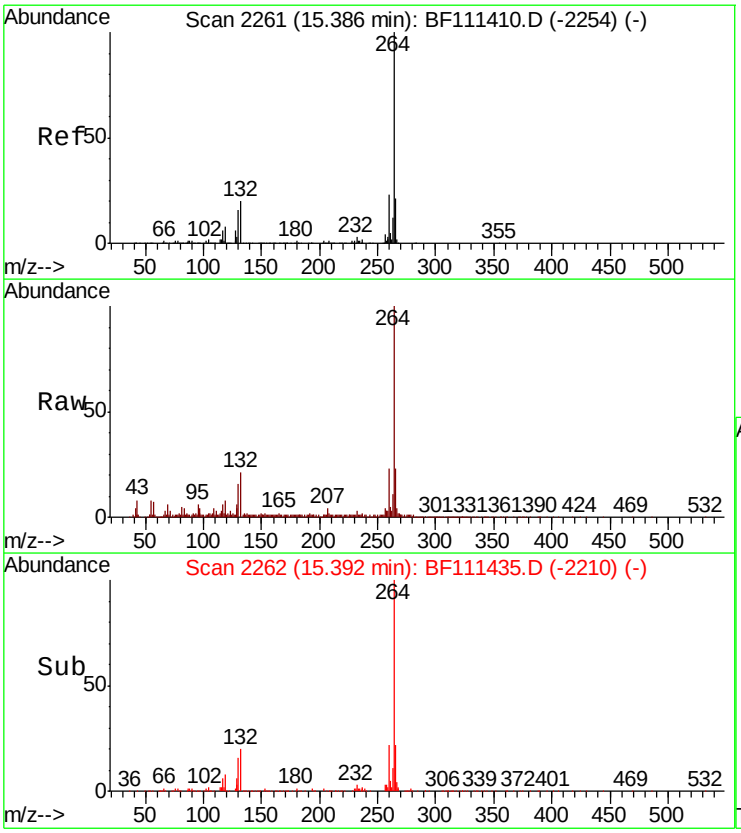
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.401 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.14 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:276 Resp: 42773

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	27.4	20.1	30.1

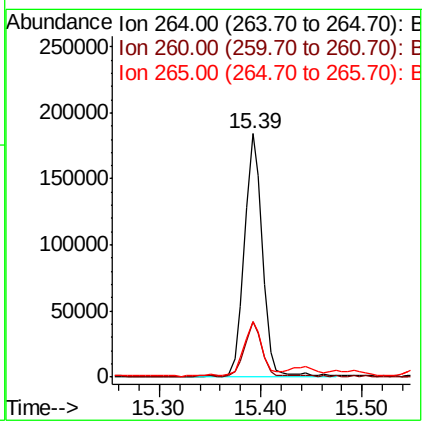


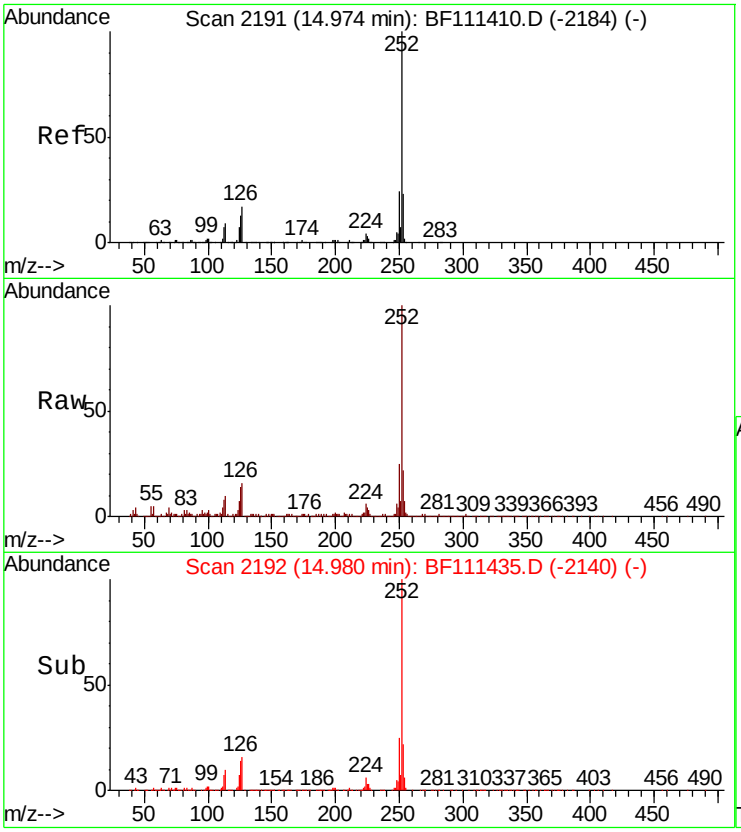


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:264 Resp: 227222

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	22.7	17.7	26.5



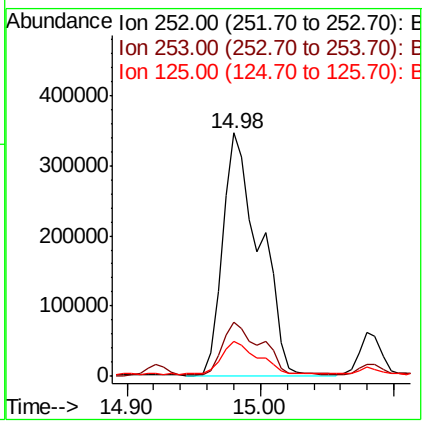


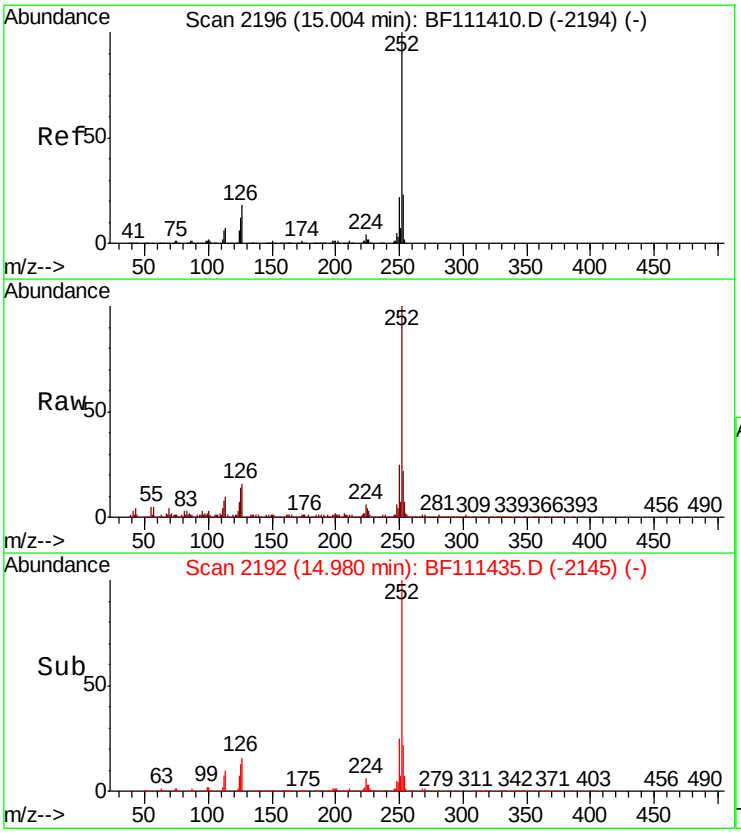
#88
Benzo(b)fluoranthene
Concen: 50.337 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:252 Resp: 666826

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	14.5	10.4	15.6

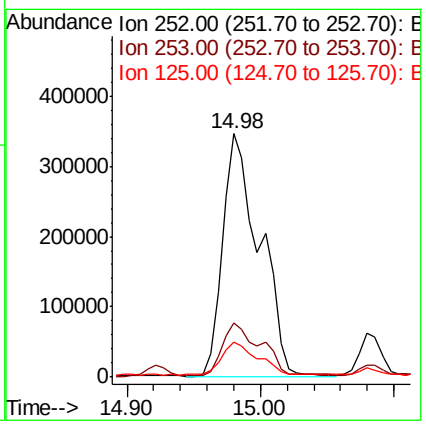


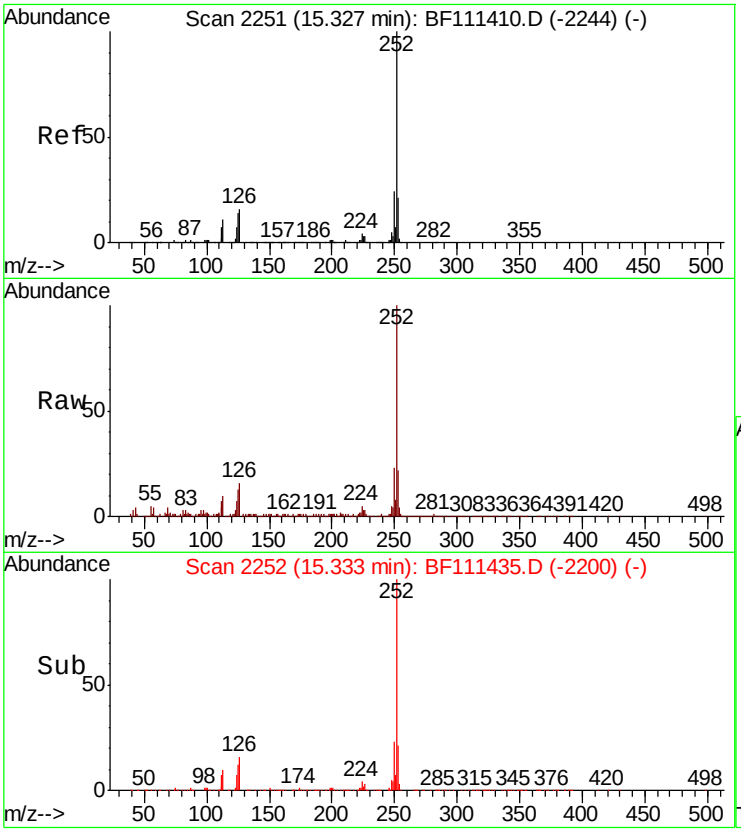


#89
Benzo(k)fluoranthene
Concen: 52.680 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:252 Resp: 666826

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.5	9.8	14.8



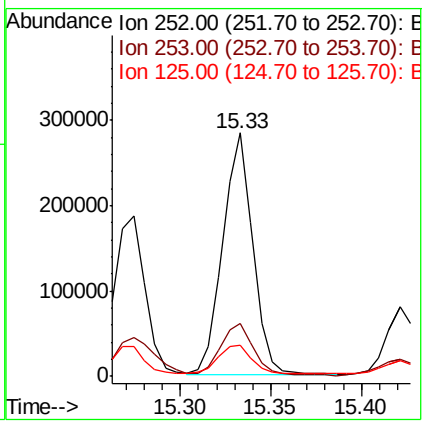


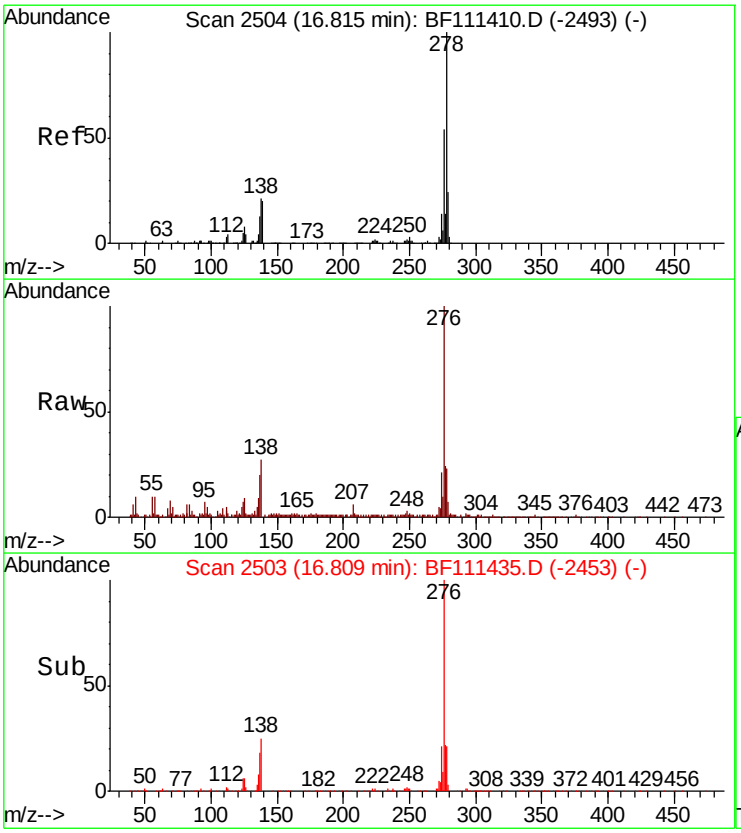
#90
Benzo(a)pyrene
Concen: 27.705 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:252 Resp: 330962

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	12.8	12.3	18.5

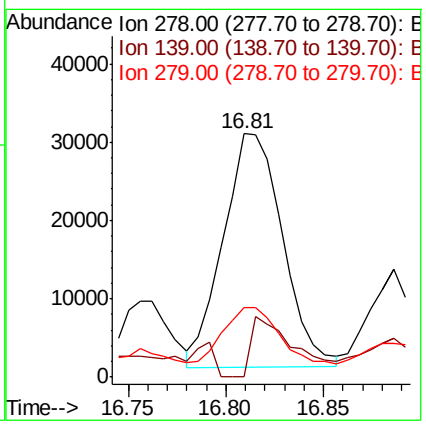


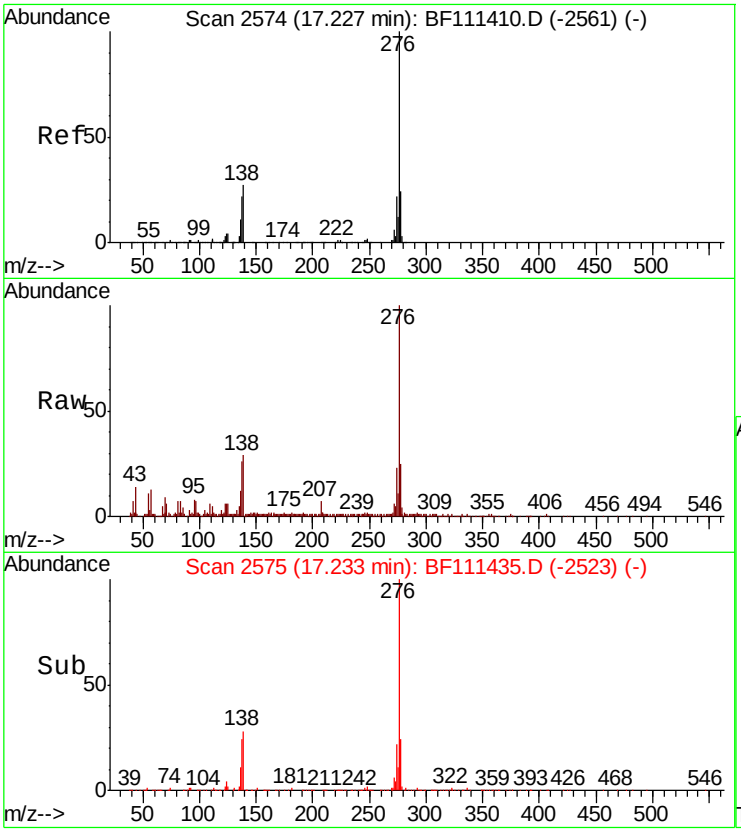


#91
Dibenzo(a,h)anthracene
Concen: 6.674 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Tgt Ion:278 Resp: 62891

Ion	Ratio	Lower	Upper
278	100		
139	0.0	18.2	27.4#
279	28.8	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 25.538 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111435.D
Acq: 14 Dec 2018 22:48

Instrument :
BNA_G
ClientSampleId :
EB04-0-2

Tgt Ion:276 Resp: 236221

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	29.4	24.9	37.3