Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112356.D
Acq On : 1 Feb 2019 17:24
Operator : JU/SJ
Sample : K1299-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0040-AMND-COMP-3

Quant Time: Feb 01 23:20:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	159401	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	612266	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	295393	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	535829	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	316058	20.00	ng		0.00
87) Perylene-d12	15.47	264	349922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	639856	85.26	ng		0.00
7) Phenol-d6	6.49	99	1319578	126.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	941476	88.60	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	198043	57.60	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1446200	69.24	ng		-0.01
79) Terphenyl-d14	12.94	244	1329854	79.25	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	103124	9.014	ng	#	75
19) n-Nitroso-di-n-propylamine	7.40	70	125926	17.513	ng	#	78
25) Isophorone	7.40	82	941476	56.478	ng	#	64
31) Naphthalene	8.14	128	512778	17.909	ng		99
33) 4-Chloroaniline	8.14	127	69281	5.557	ng	#	39
37) 2-Methylnaphthalene	8.83	142	169274	8.636	ng		100
38) 1-Methylnaphthalene	8.93	142	137828	7.336	ng		96
49) Acenaphthylene	9.73	152	107281	3.655	ng		97
50) Dimethylphthalate	9.59	163	253398	11.041	ng		98
52) Acenaphthene	9.90	154	116261	6.631	ng		97
58) Fluorene	10.42	166	89863	4.482	ng		98
71) Phenanthrene	11.38	178	508427	18.251	ng		98
72) Anthracene	11.43	178	197305	7.110	ng		97
75) Fluoranthene	12.57	202	441086	14.763	ng		98
78) Pyrene	12.80	202	496797	22.703	ng		98
81) Benzo(a)anthracene	14.03	228	231115	12.439	ng		96
83) Chrysene	14.03	228	231115	13.031	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	154825	11.017	ng	#	94
88) Benzo(b)fluoranthene	15.04	252	373235	17.835	ng	#	97
89) Benzo(k)fluoranthene	15.04	252	373235	18.620	ng		97
90) Benzo(a)pyrene	15.41	252	304889	16.192	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	45231	2.980	ng	#	74
92) Benzo(g,h,i)perylene	17.39	276	156890	10.958	ng		96

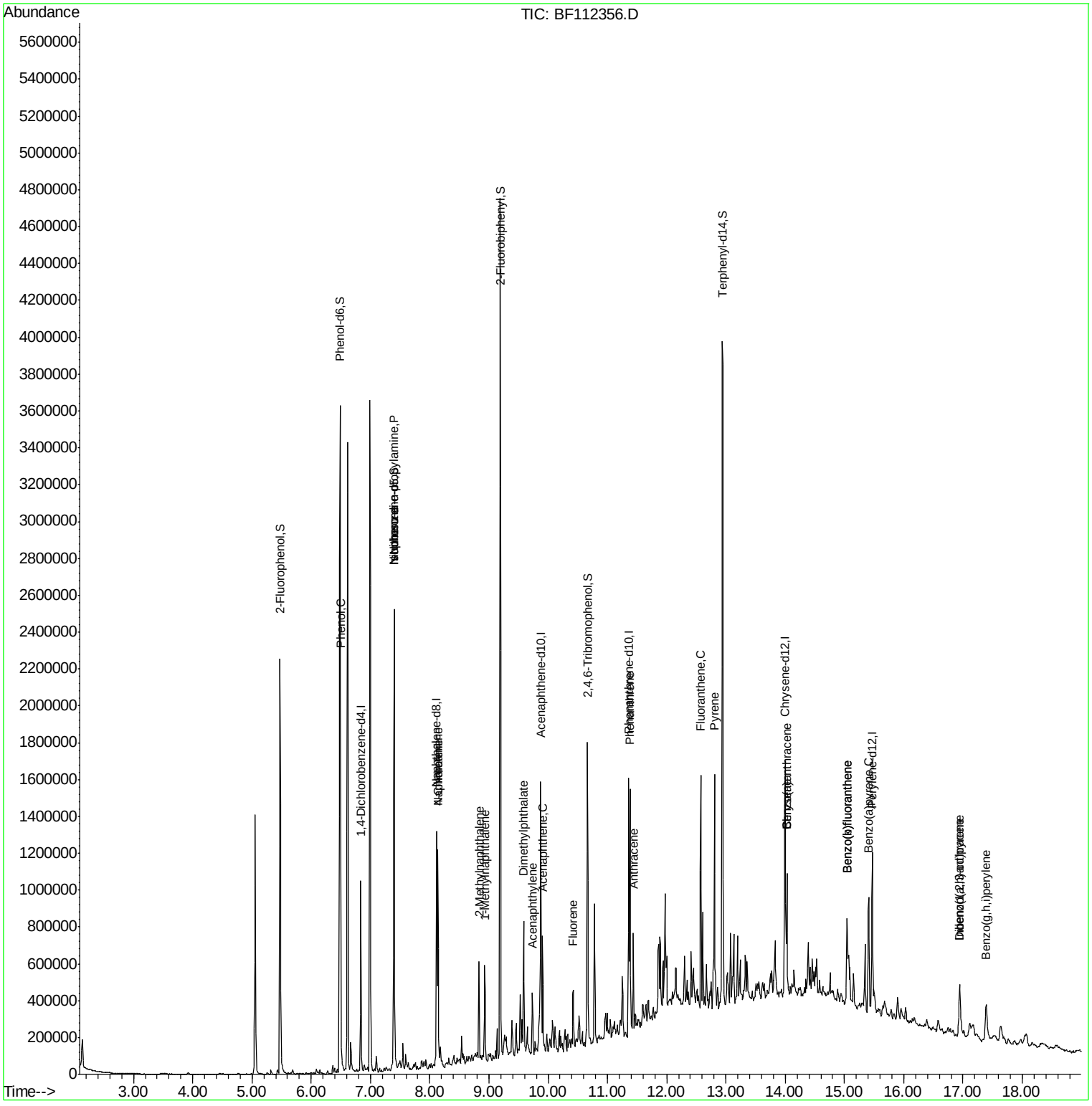
(#) = qualifier out of range (m) = manual integration (+) = signals summed

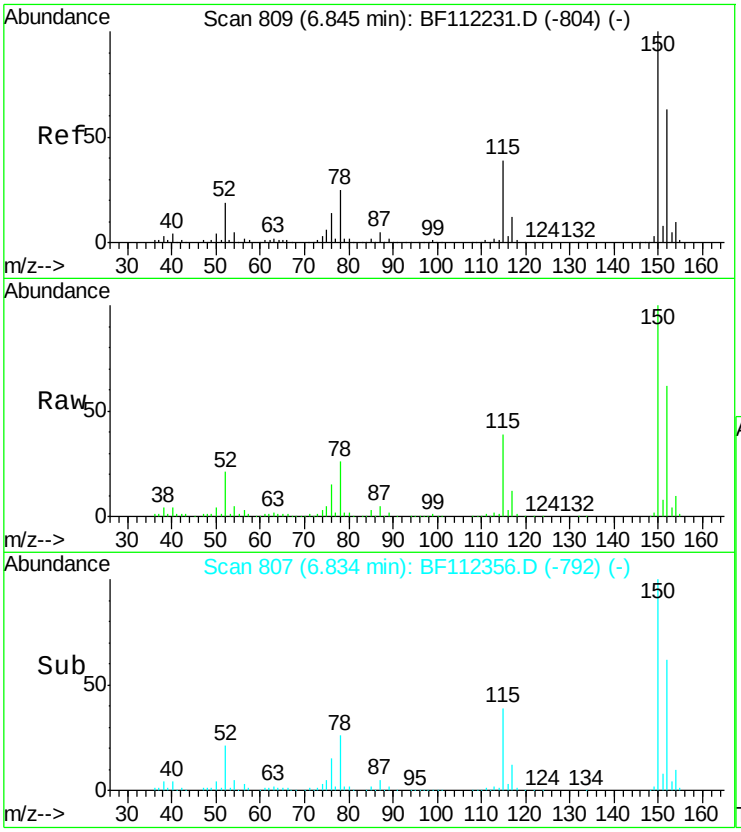
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112356.D
Acq On : 1 Feb 2019 17:24
Operator : JU/SJ
Sample : K1299-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Quant Time: Feb 01 23:20:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



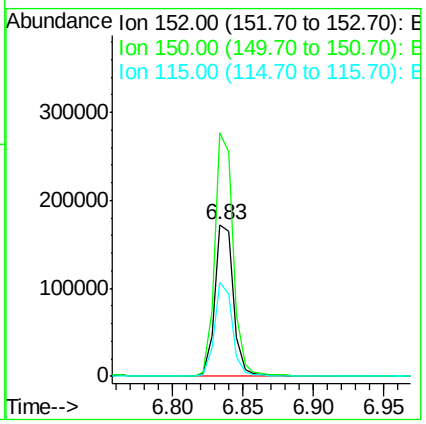


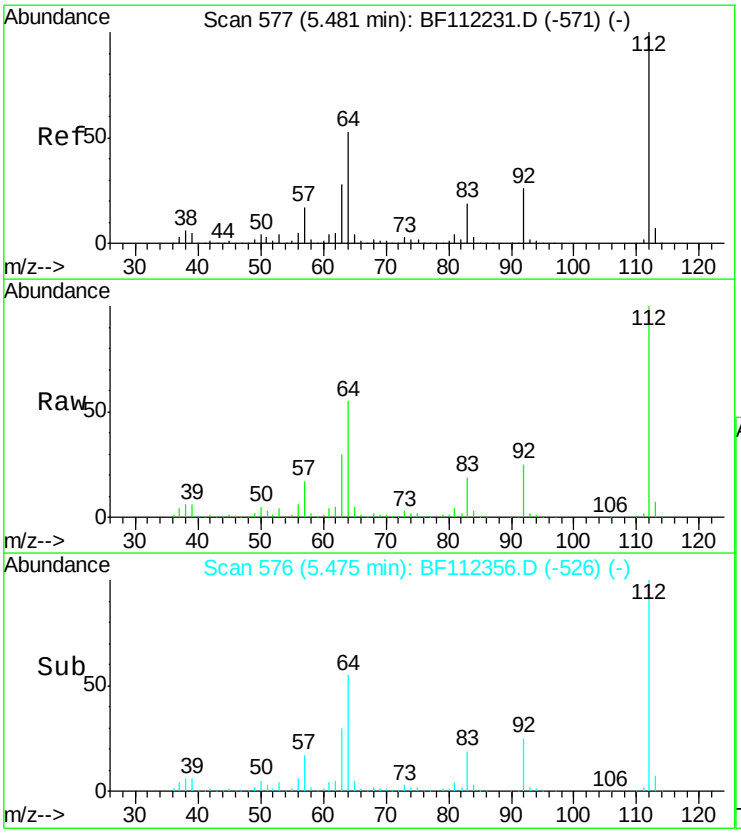
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:152 Resp: 159401

Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.4	191.0
115	61.9	45.5	68.3

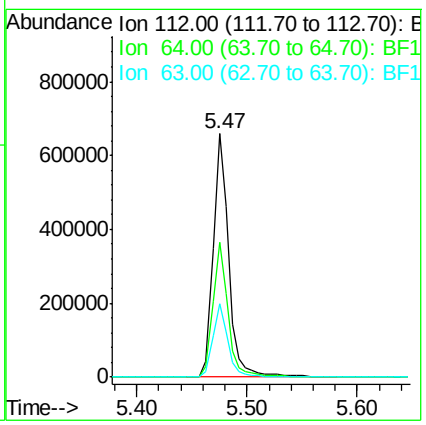


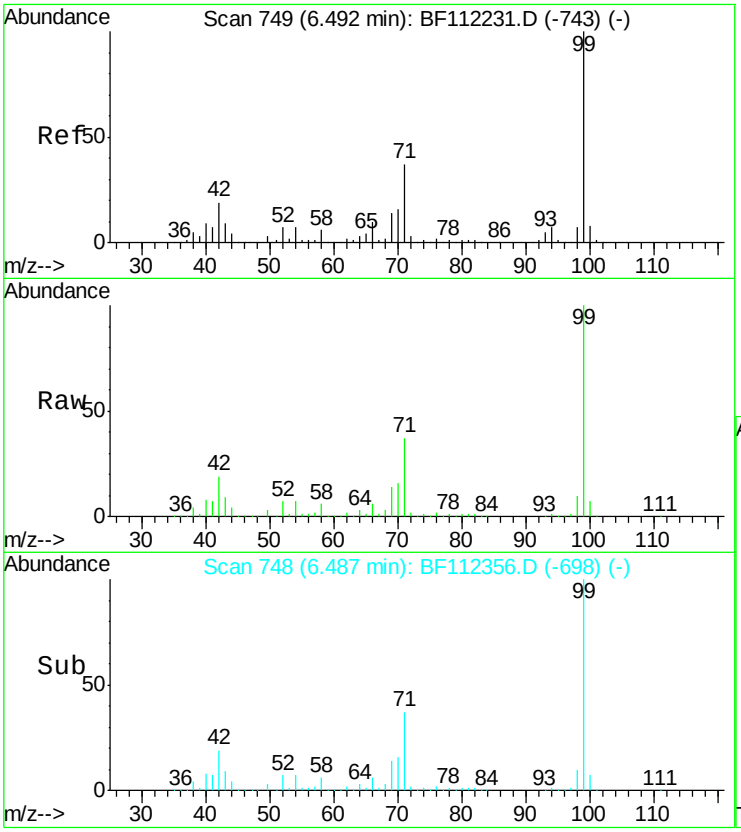


#5
2-Fluorophenol
Concen: 85.263 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:112 Resp: 639856

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.7	68.5
63	30.3	23.6	35.4



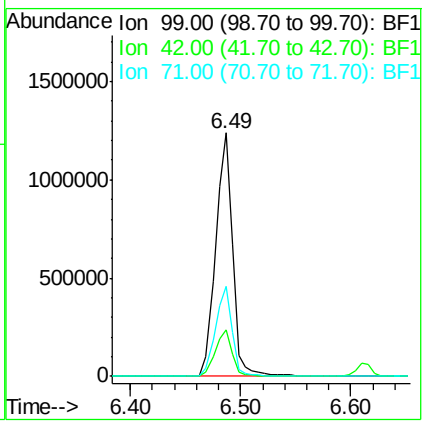


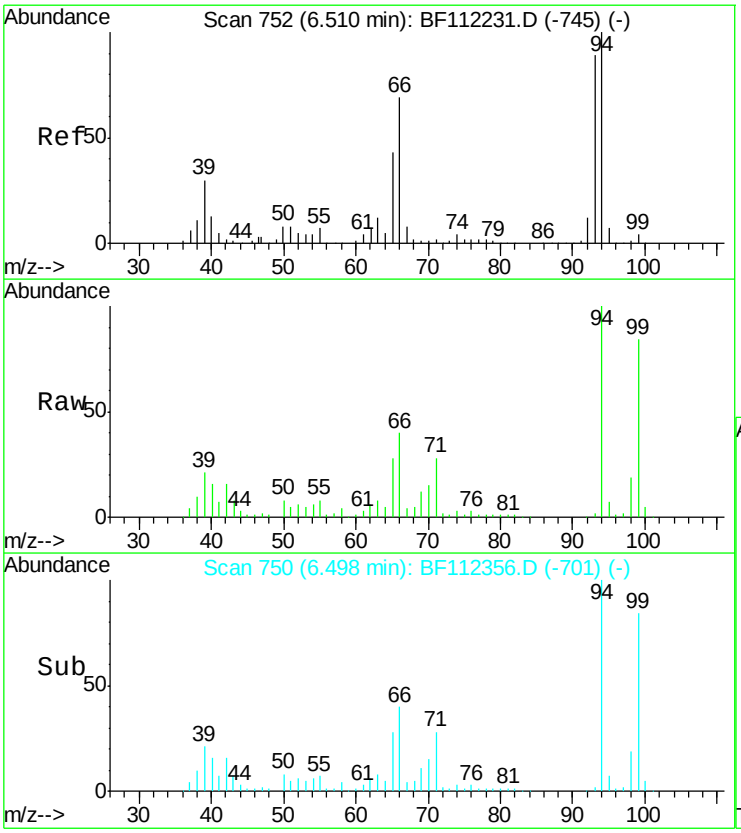
#7
Phenol-d6
Concen: 126.543 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion: 99 Resp: 1319578

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

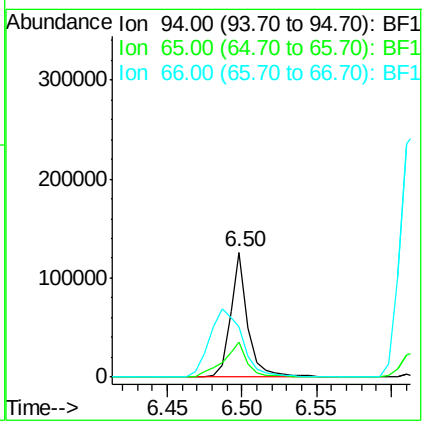


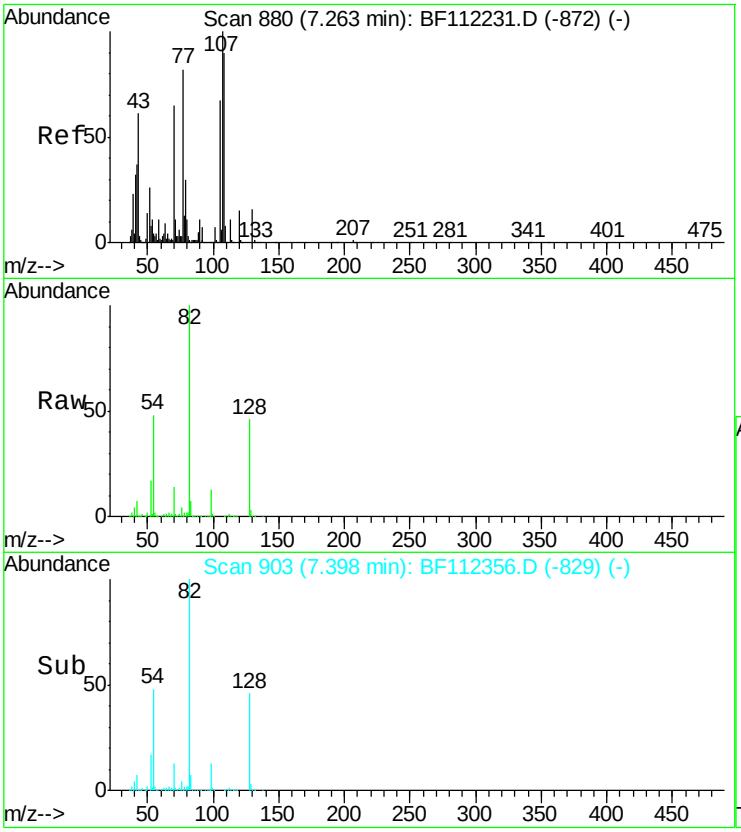


#10
Phenol
Concen: 9.014 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion: 94 Resp: 103124

Ion	Ratio	Lower	Upper
94	100		
65	28.1	20.3	60.3
66	40.2	42.4	82.4#



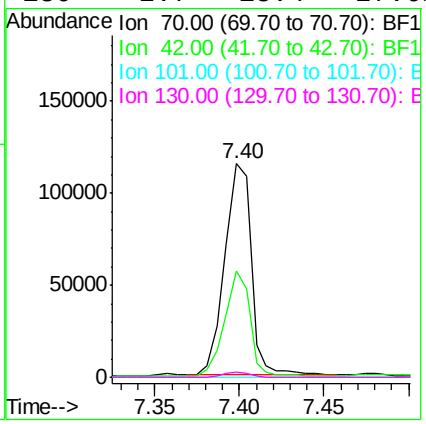


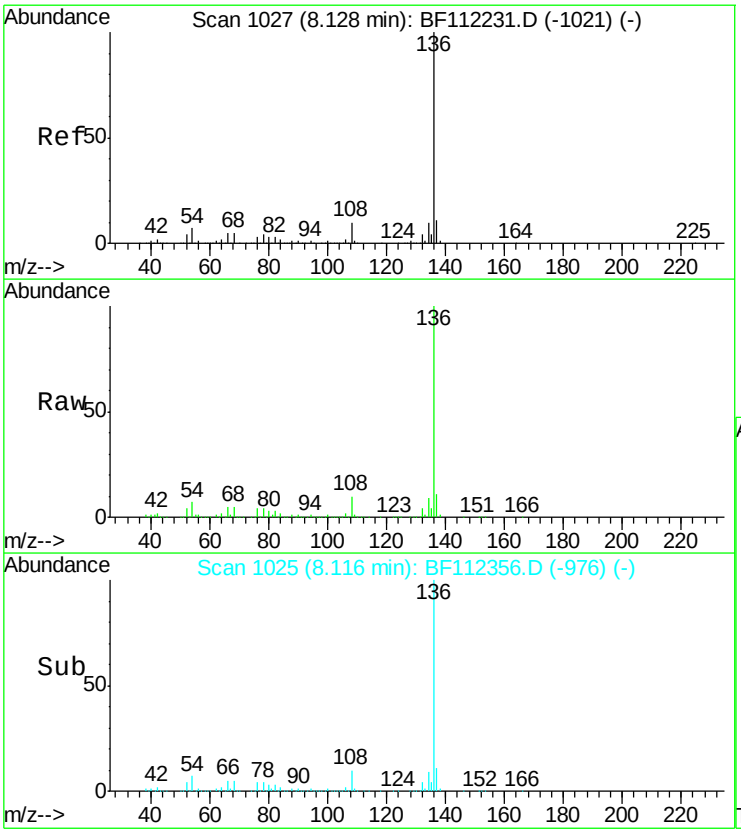
#19
n-Nitroso-di-n-propylamine
Concen: 17.513 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion: 70 Resp: 125926

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.6	71.4
101	0.0	7.9	11.9#
130	2.7	18.4	27.6#

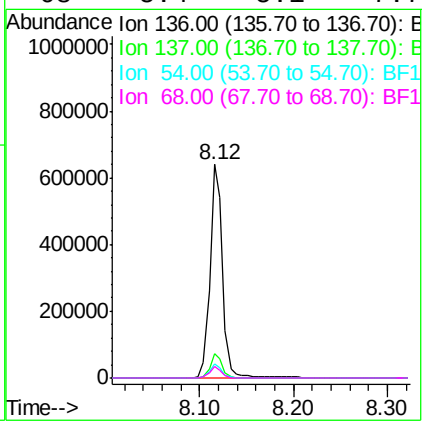


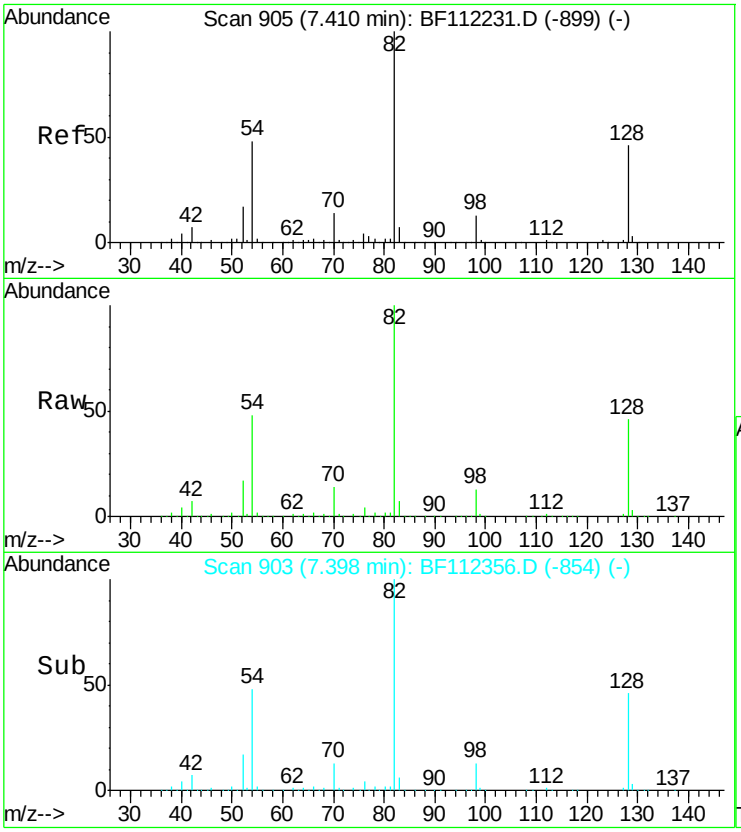


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:136 Resp: 612266

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.9	5.9	8.9
68	5.4	5.1	7.7



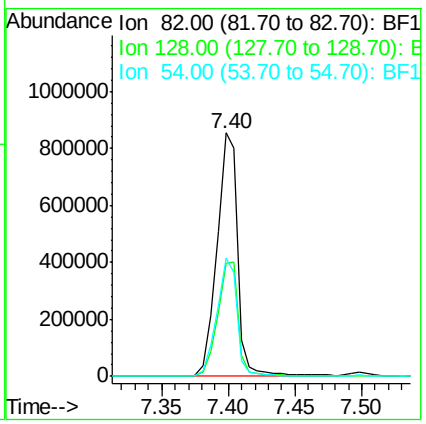


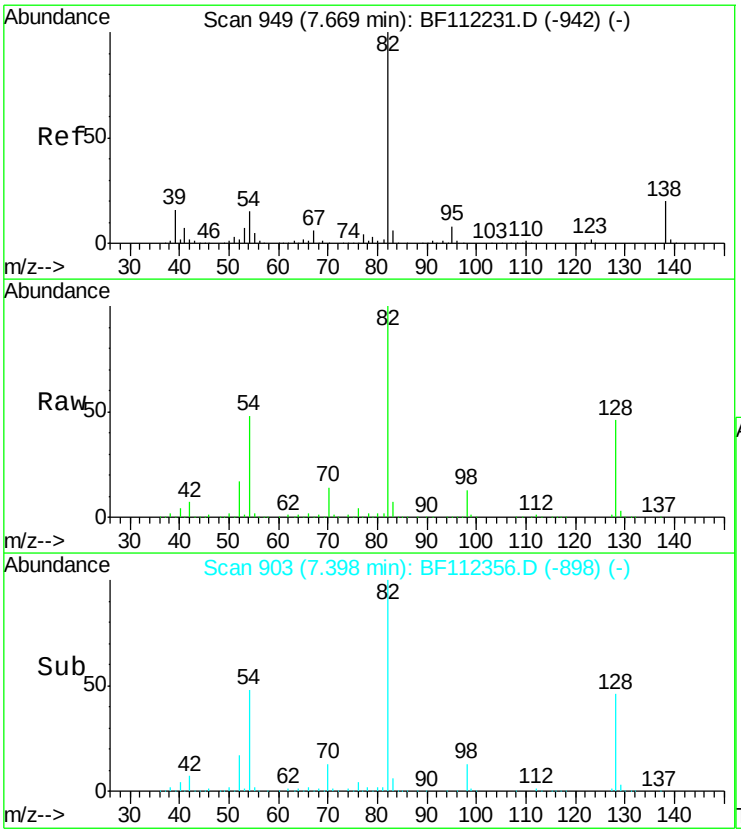
#23
Nitrobenzene-d5
Concen: 88.601 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion: 82 Resp: 941476

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.8	56.8
54	48.4	39.7	59.5

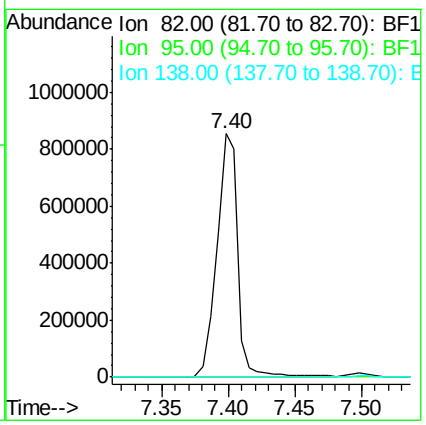


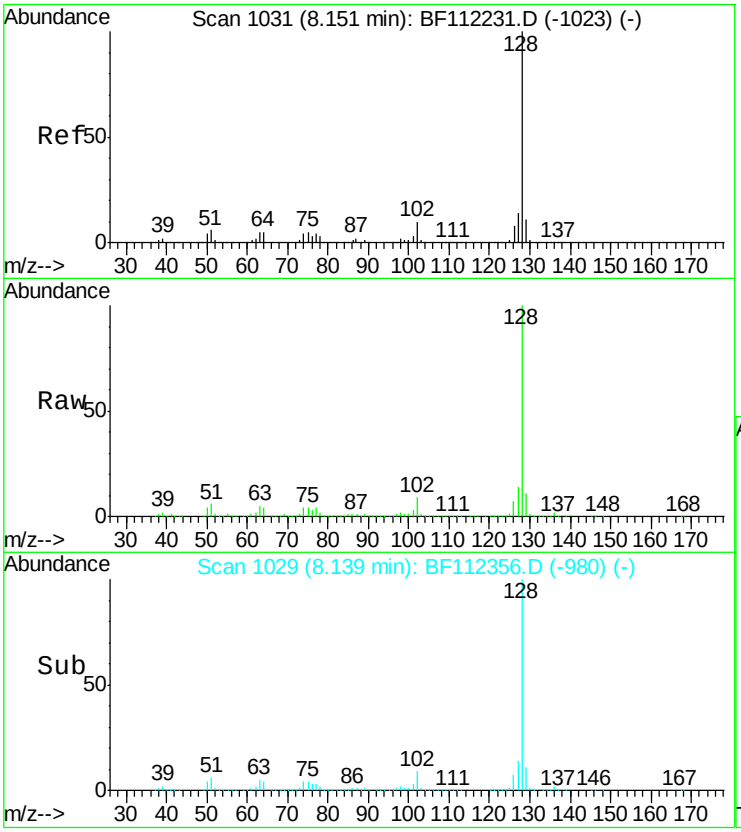


#25
Isophorone
Concen: 56.478 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion: 82 Resp: 941476

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#



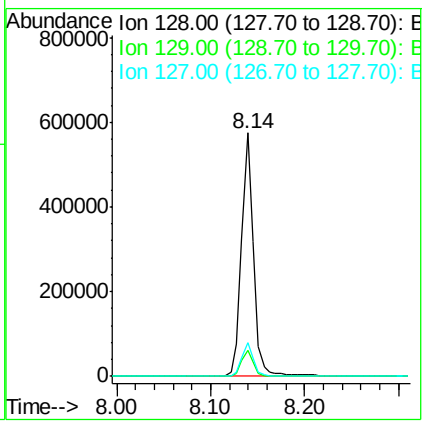


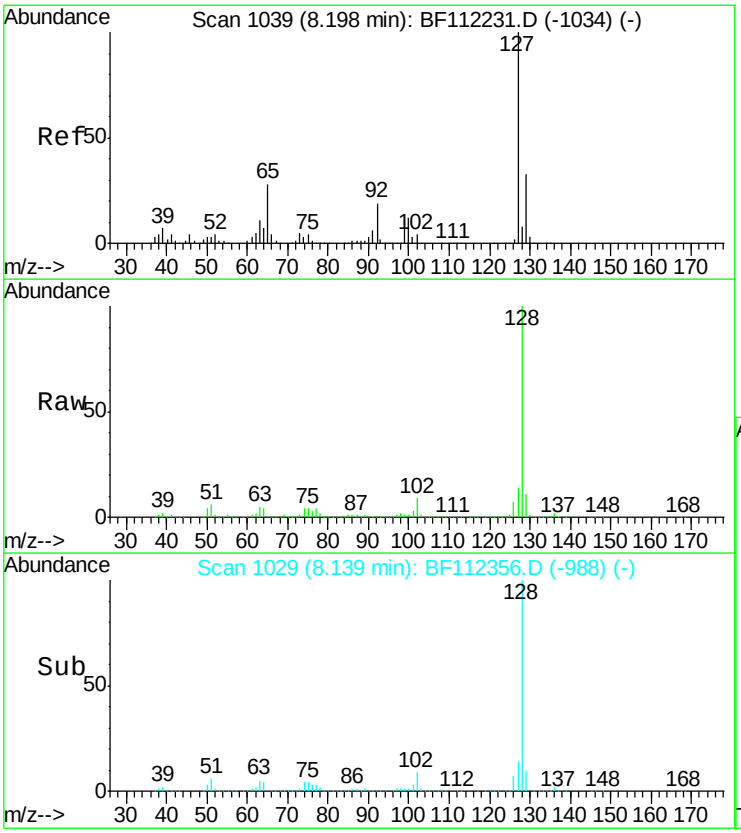
#31
Naphthalene
Concen: 17.909 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:128 Resp: 512778

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.6	14.4
127	13.8	11.1	16.7

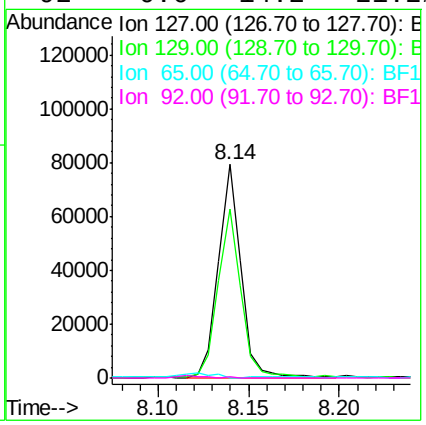


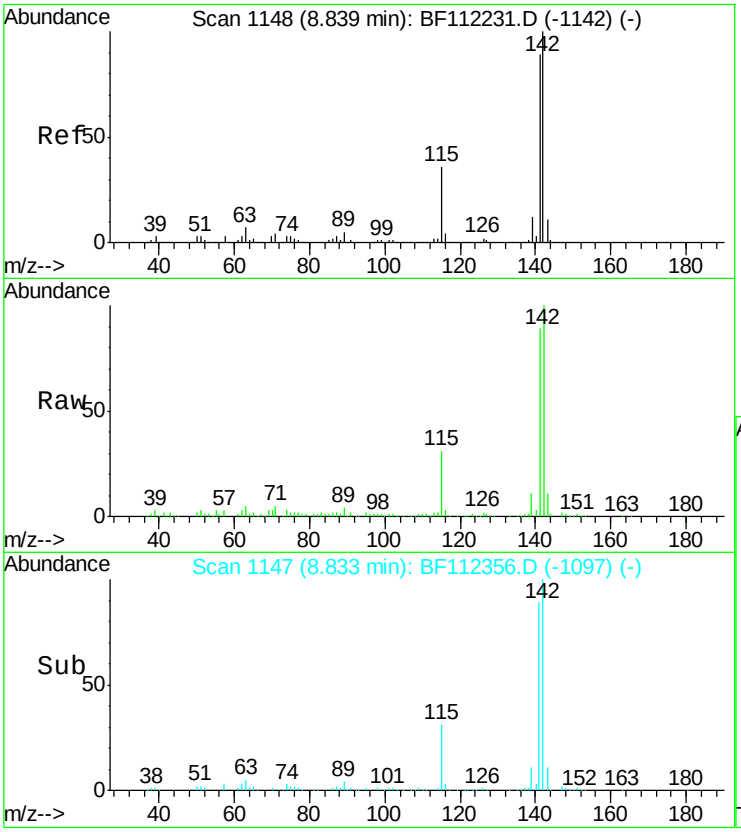


#33
4-Chloroaniline
Concen: 5.557 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:127 Resp: 69281

Ion	Ratio	Lower	Upper
127	100		
129	79.2	26.6	39.8#
65	0.0	21.4	32.2#
92	0.6	14.2	21.2#



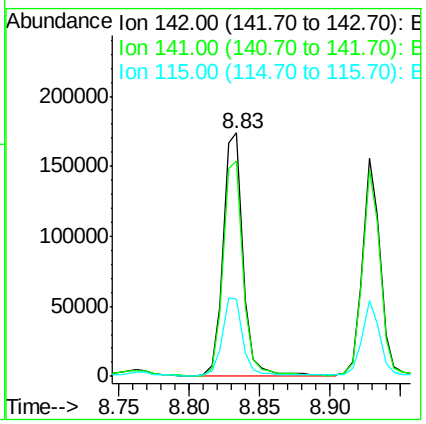


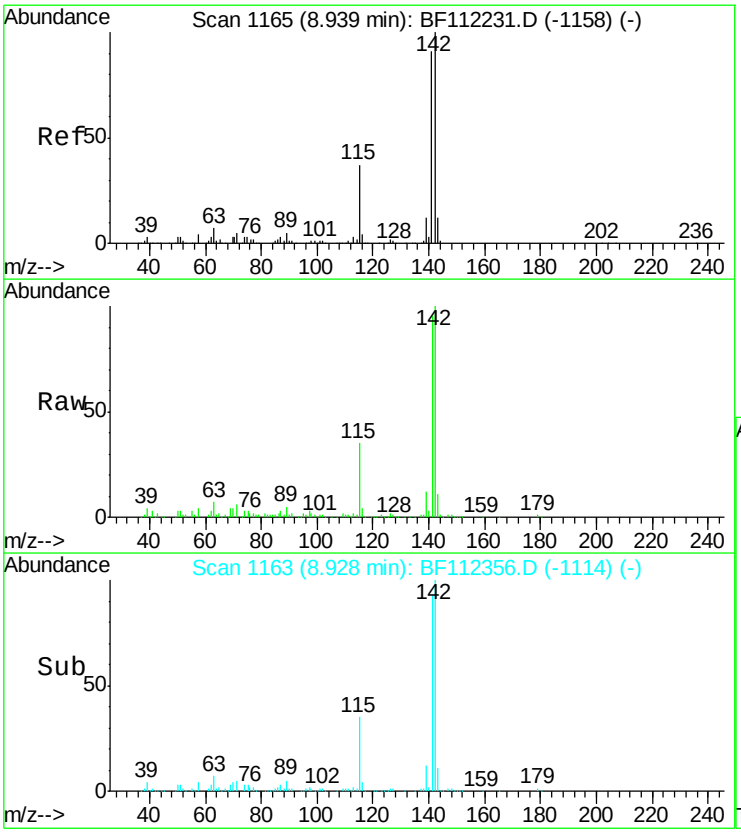
#37
2-Methylnaphthalene
Concen: 8.636 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:142 Resp: 169274

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	31.5	24.9	37.3

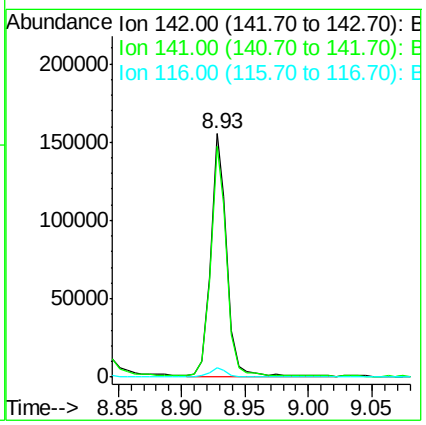


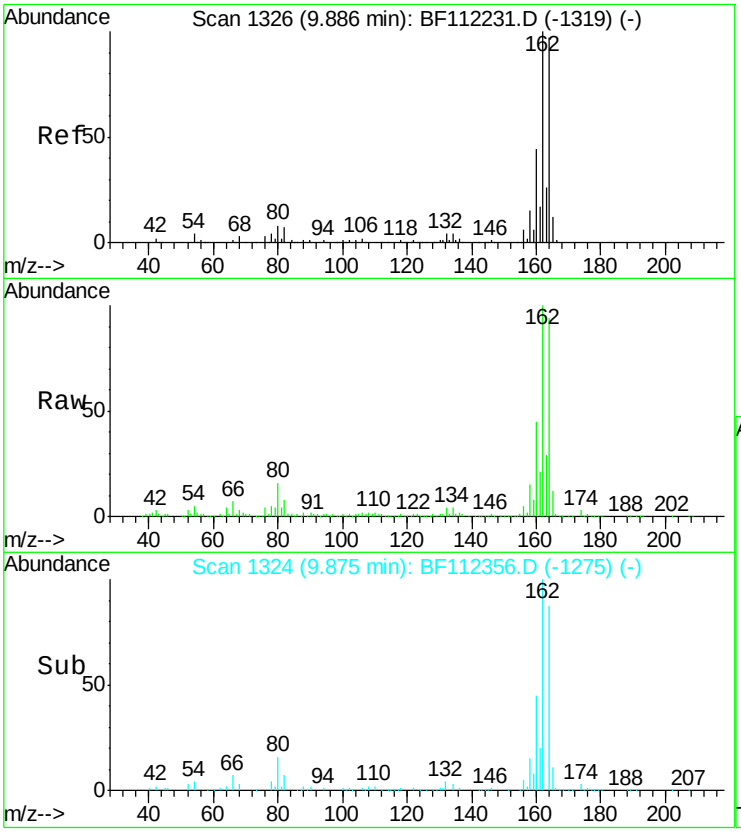


#38
1-Methylnaphthalene
Concen: 7.336 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:142 Resp: 137828

Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.6	108.8
116	4.0	2.8	4.2



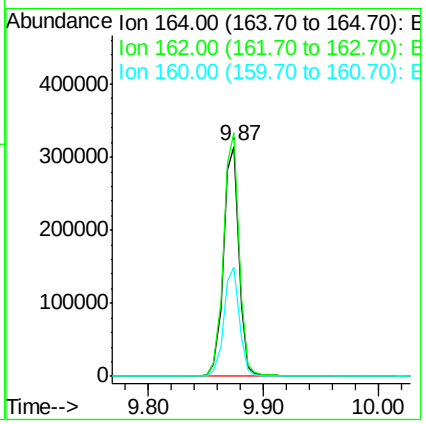


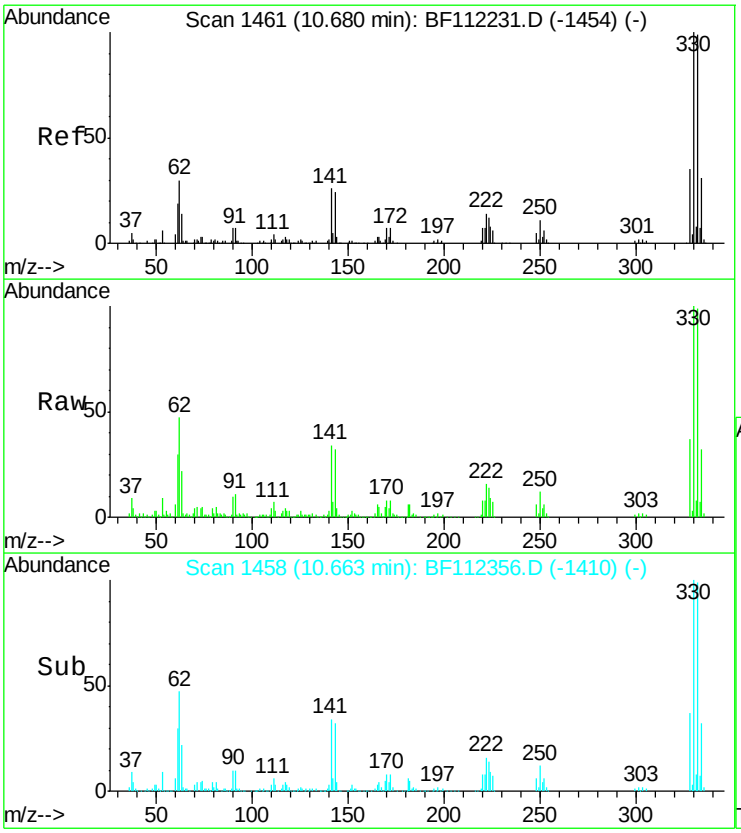
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:164 Resp: 295393

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.2	123.4
160	47.4	36.2	54.4

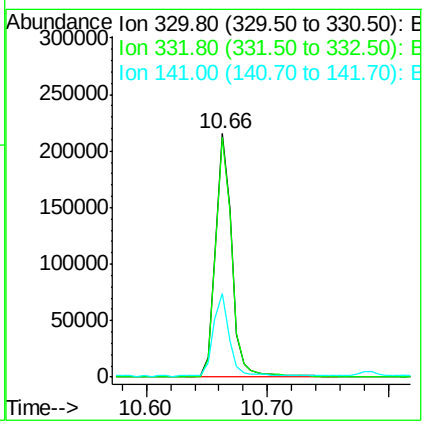


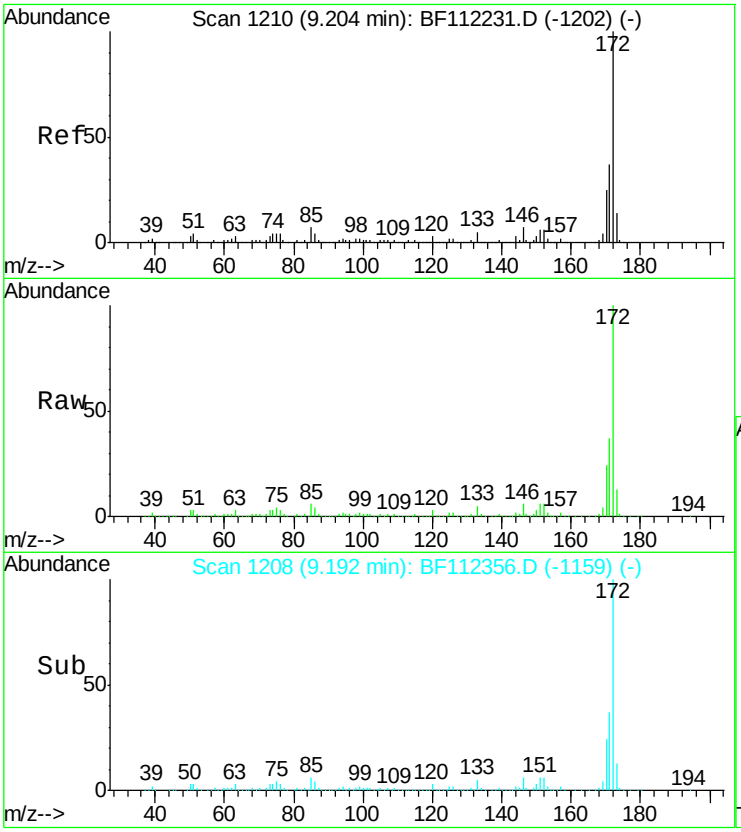


#42
2,4,6-Tribromophenol
Concen: 57.599 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:330 Resp: 198043

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.6	114.8
141	34.0	24.3	36.5



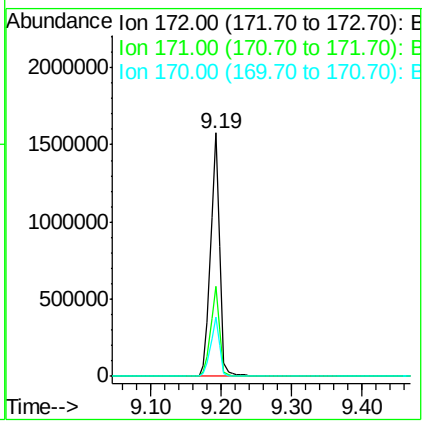


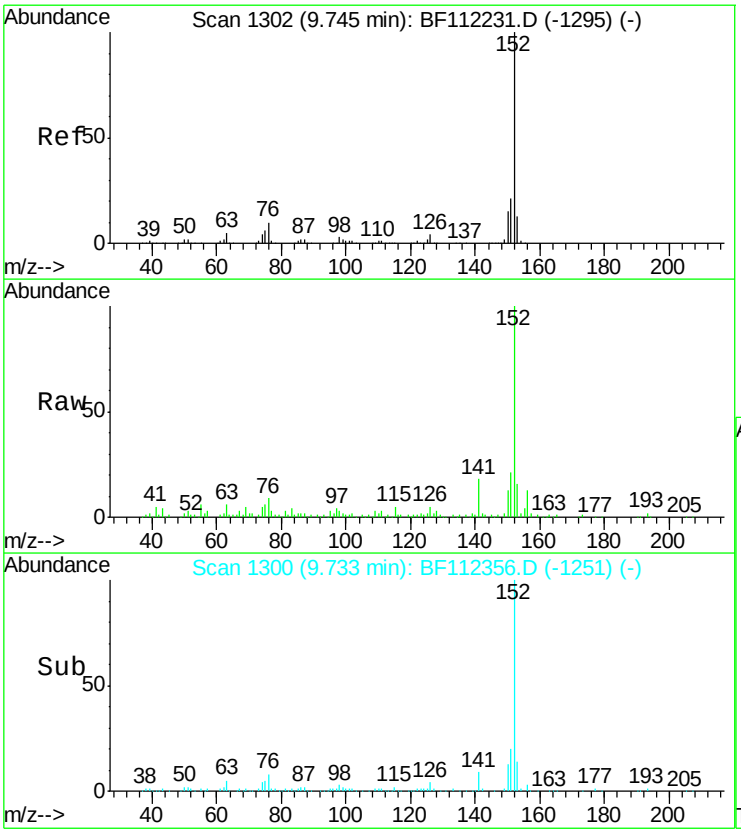
#45
2-Fluorobiphenyl
Concen: 69.244 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:172 Resp: 1446200

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.3	20.2	30.4

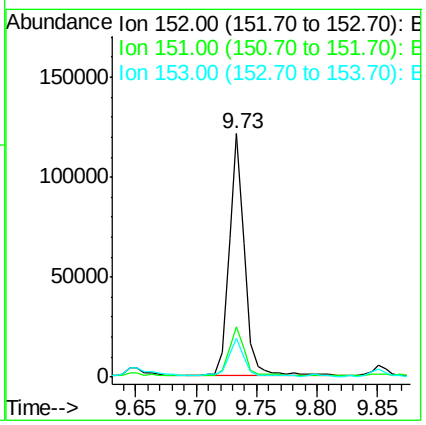


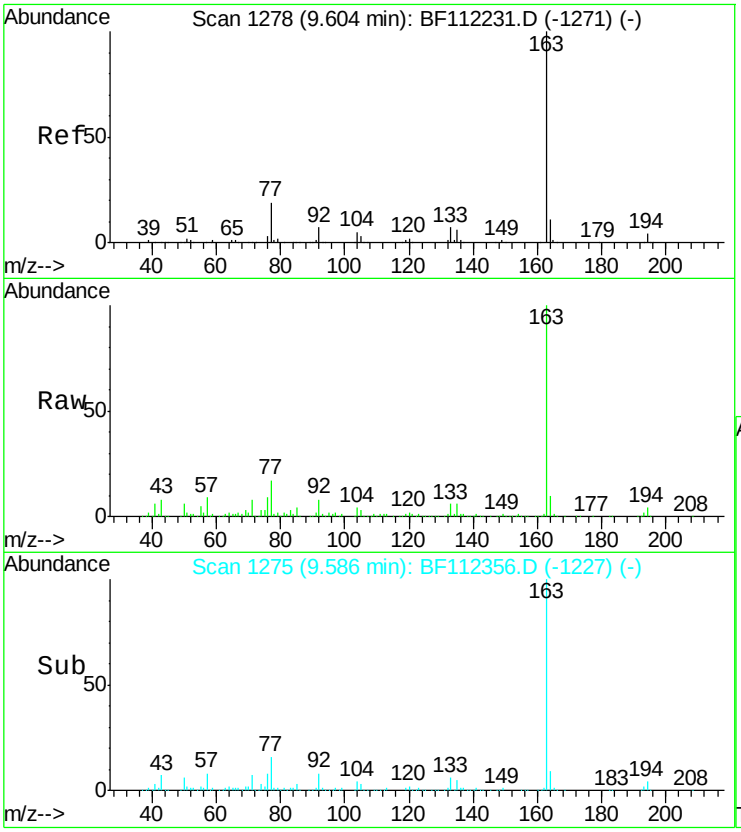


#49
Acenaphthylene
Concen: 3.655 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:152 Resp: 107281

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	15.7	11.2	16.8



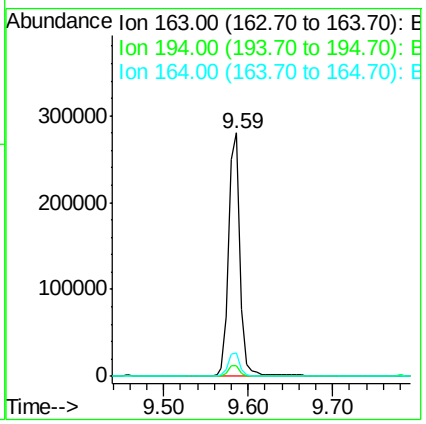


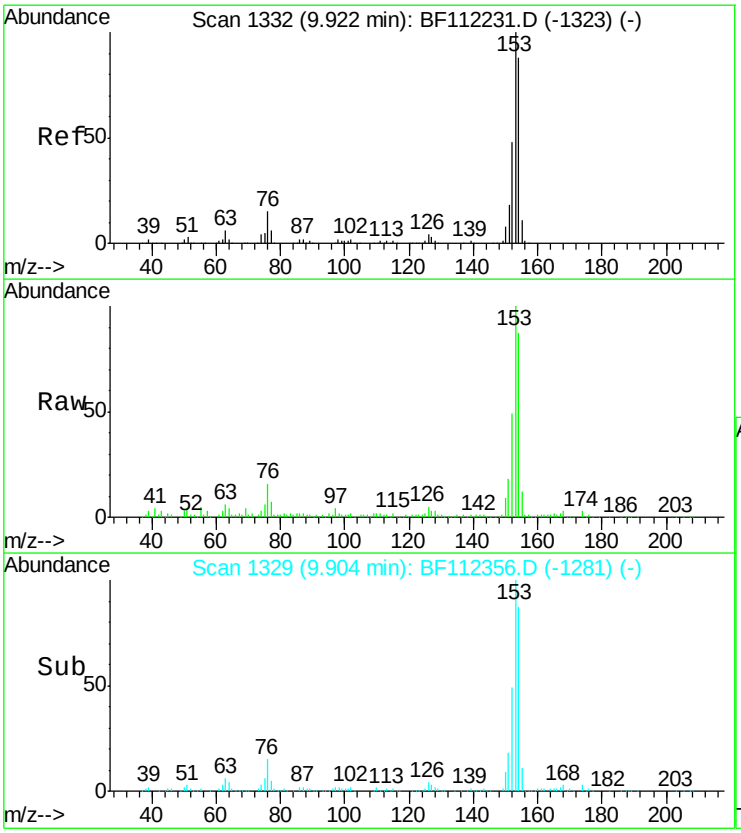
#50
Dimethylphthalate
Concen: 11.041 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:163 Resp: 253398

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.6	8.5	12.7

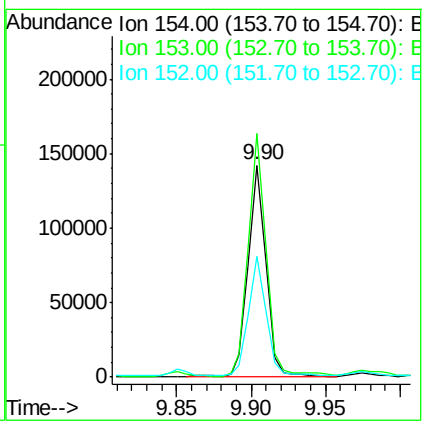


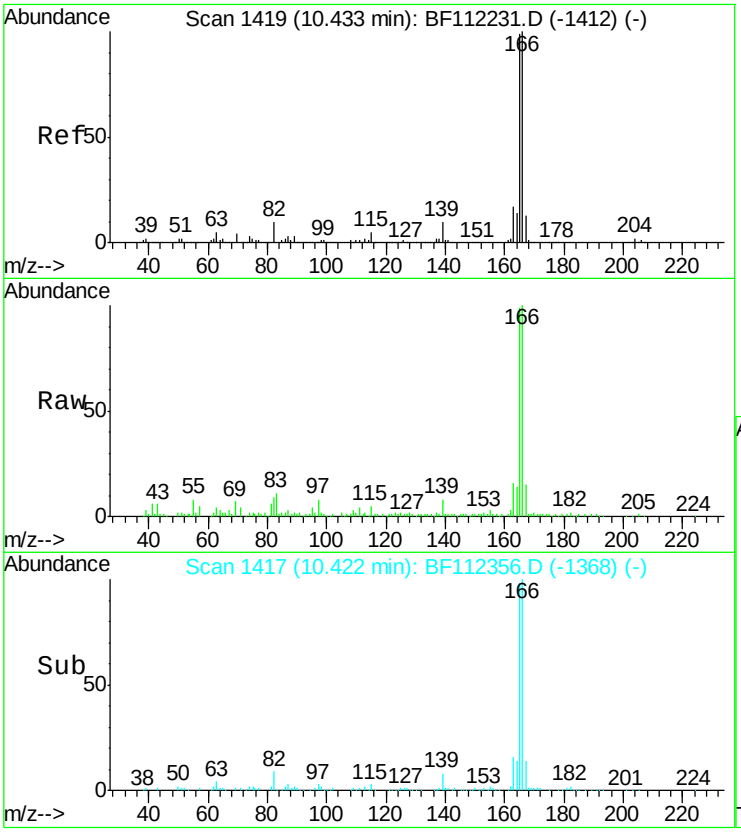


#52
Acenaphthene
Concen: 6.631 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:154 Resp: 116261

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.8	134.6
152	56.7	43.5	65.3



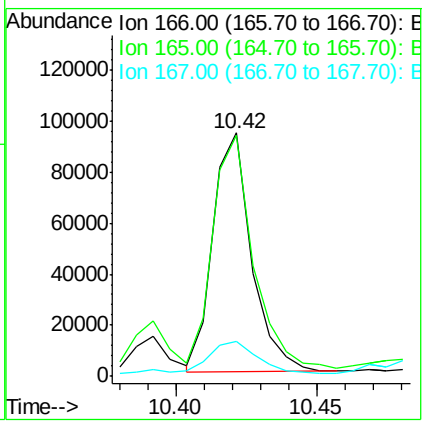


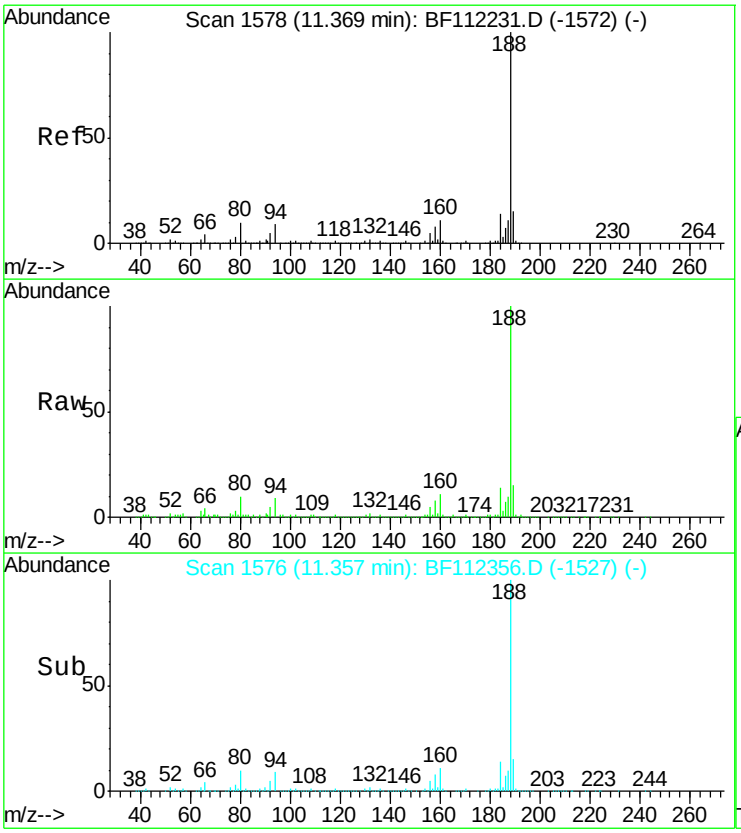
#58
Fluorene
Concen: 4.482 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:166 Resp: 89863

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.1	115.7
167	14.6	11.3	16.9

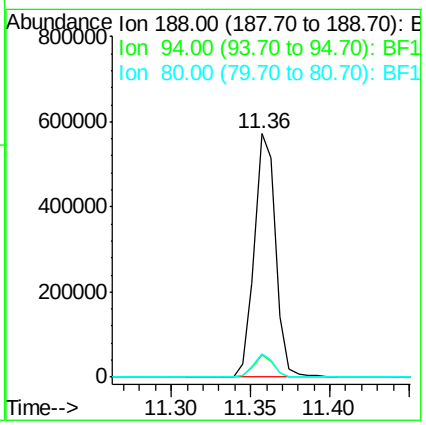


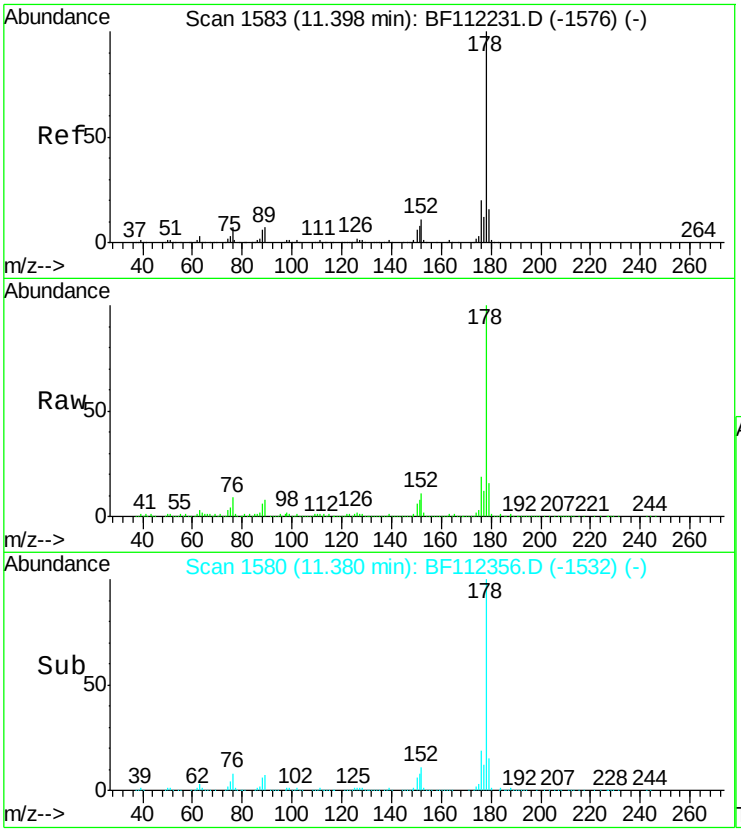


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:188 Resp: 535829

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.8	8.9	13.3



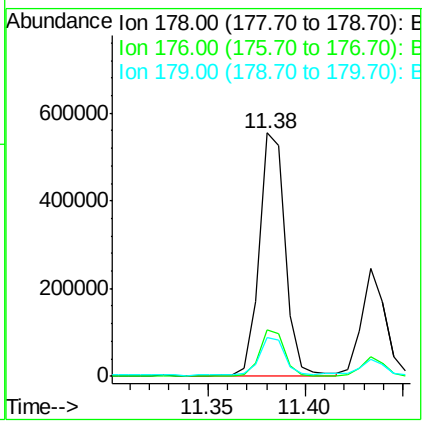


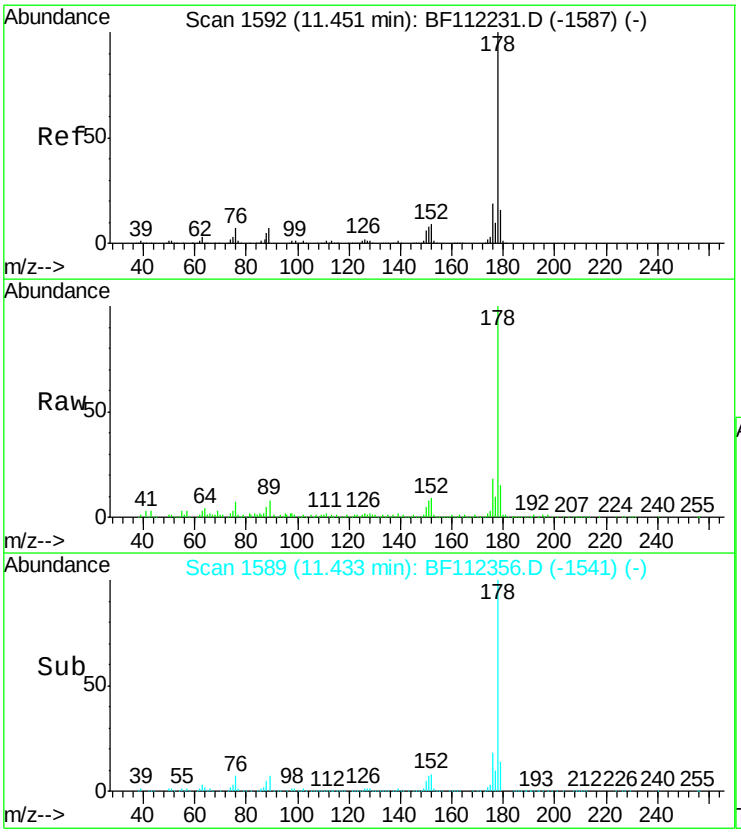
#71
Phenanthrene
Concen: 18.251 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:178 Resp: 508427

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.9	13.0	19.4

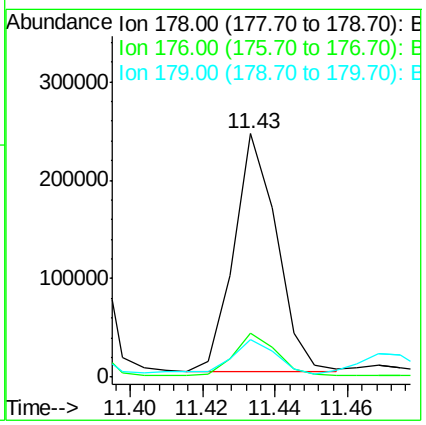


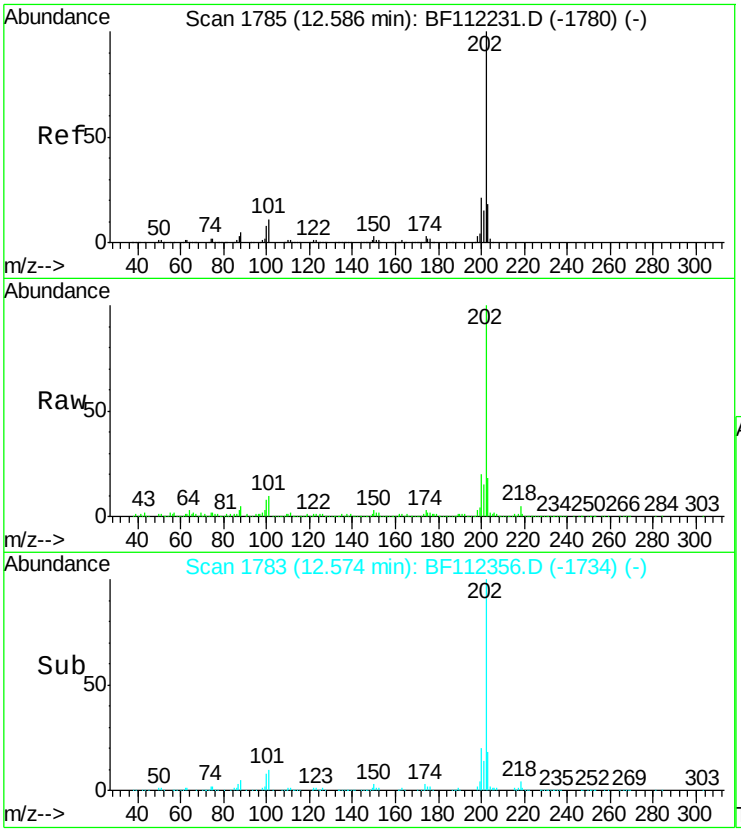


#72
Anthracene
Concen: 7.110 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:178 Resp: 197305

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	15.3	12.8	19.2



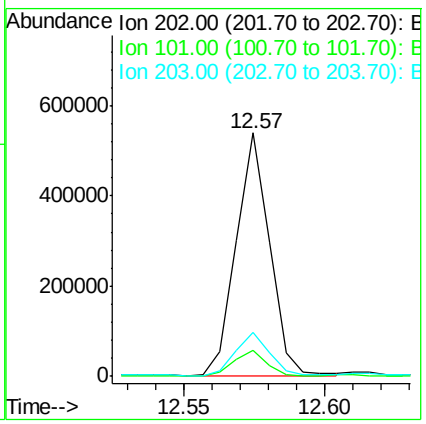


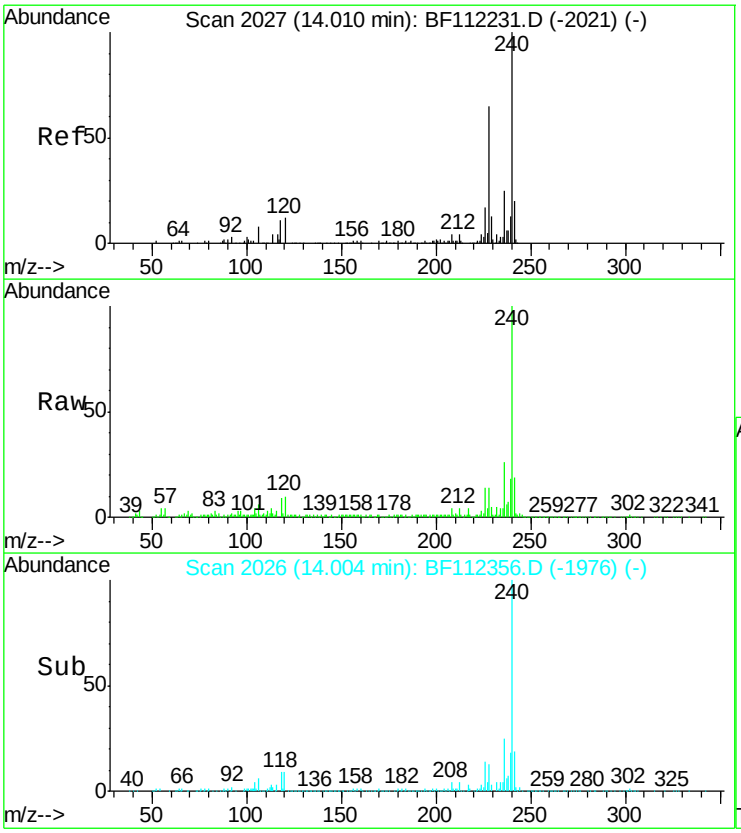
#75
Fluoranthene
Concen: 14.763 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:202 Resp: 441086

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	18.3	0.0	38.4

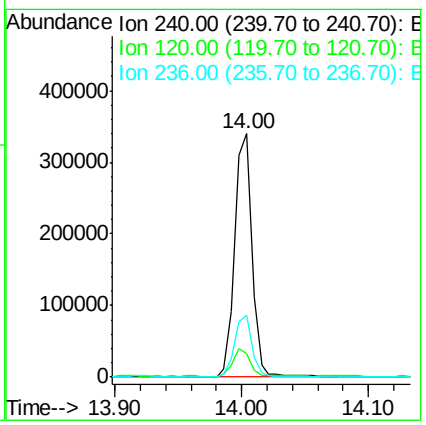


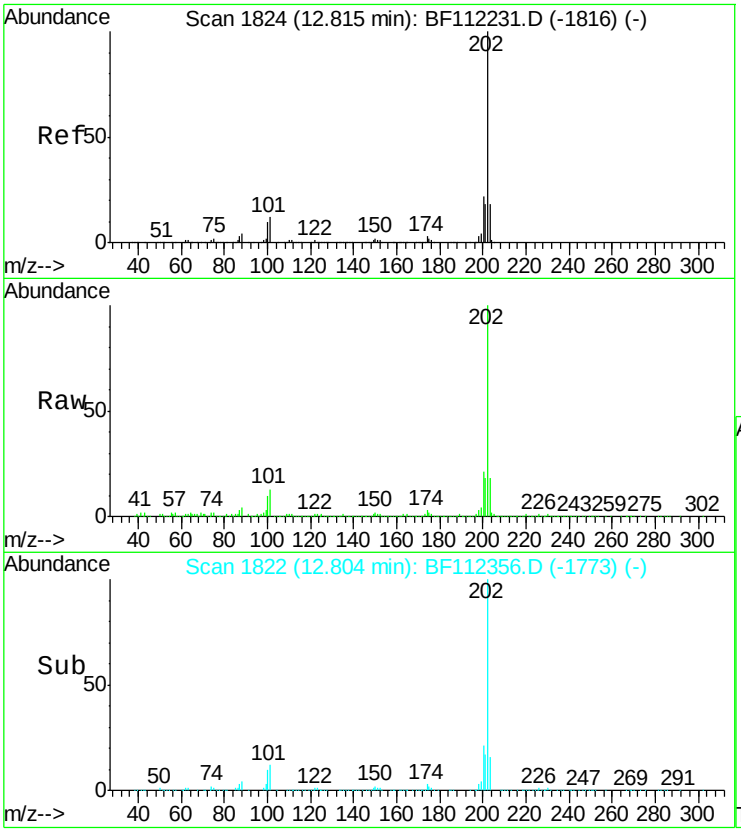


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:240 Resp: 316058

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.6
236	25.6	20.7	31.1



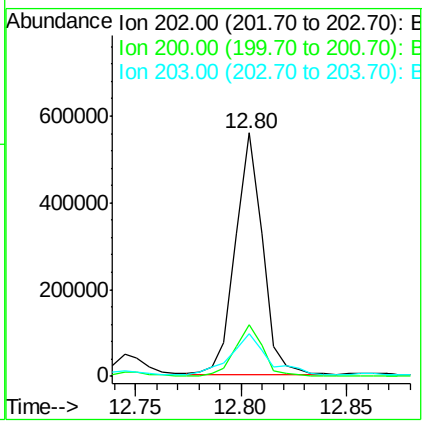


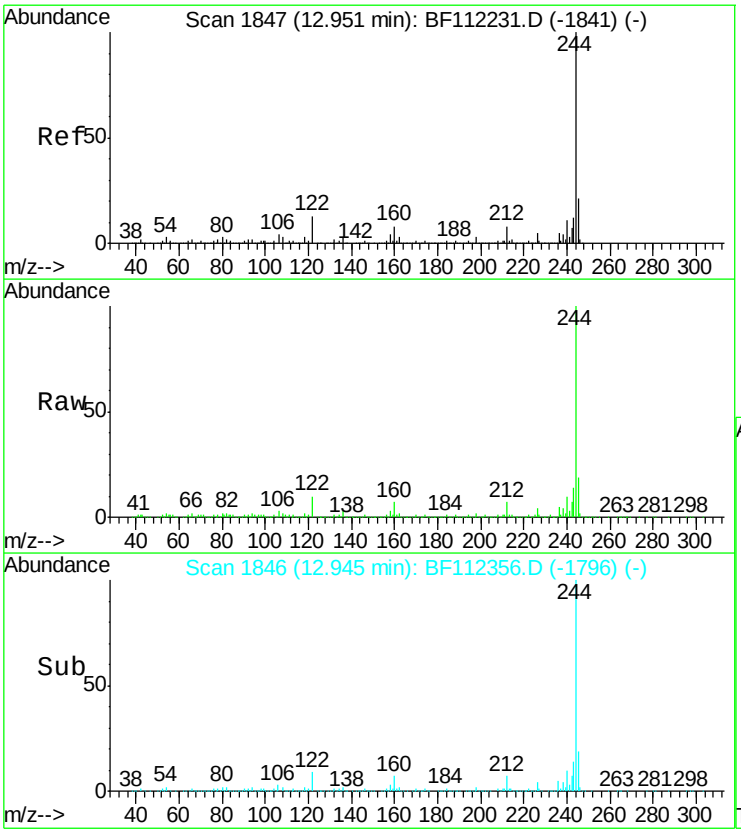
#78
Pyrene
Concen: 22.703 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:202 Resp: 496797

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.8	14.6	22.0

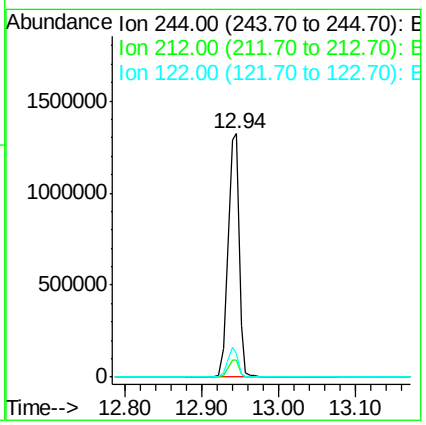


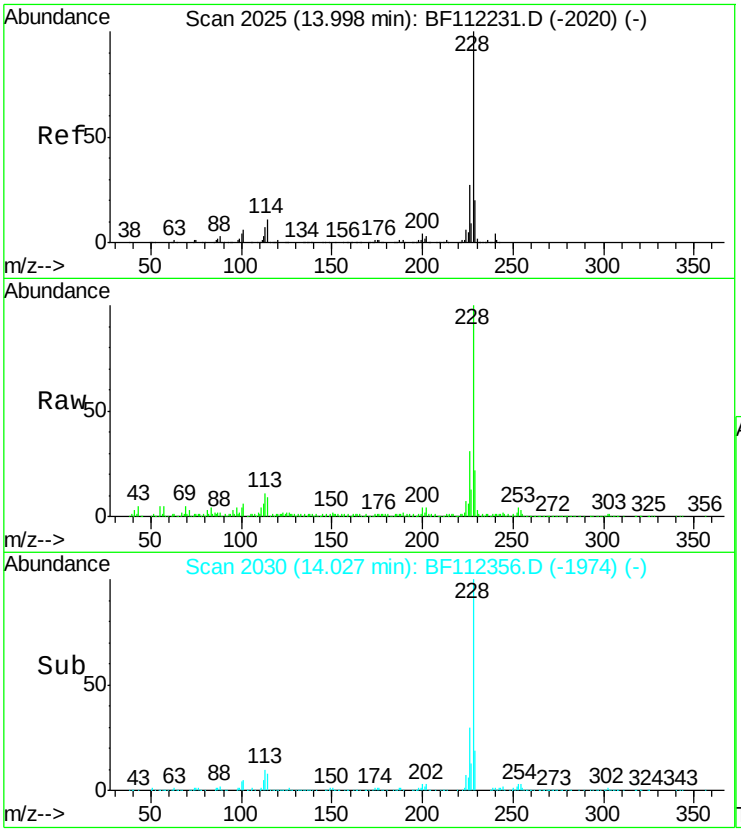


#79
Terphenyl-d14
Concen: 79.248 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:244 Resp: 1329854

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.5	9.8	14.6#



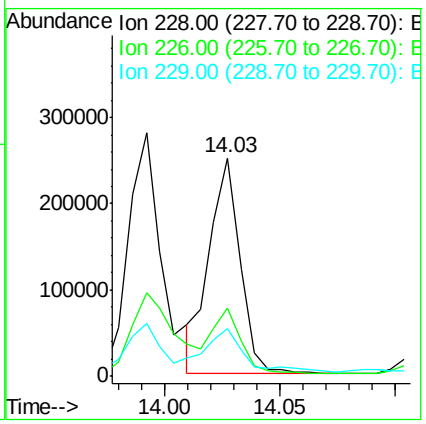


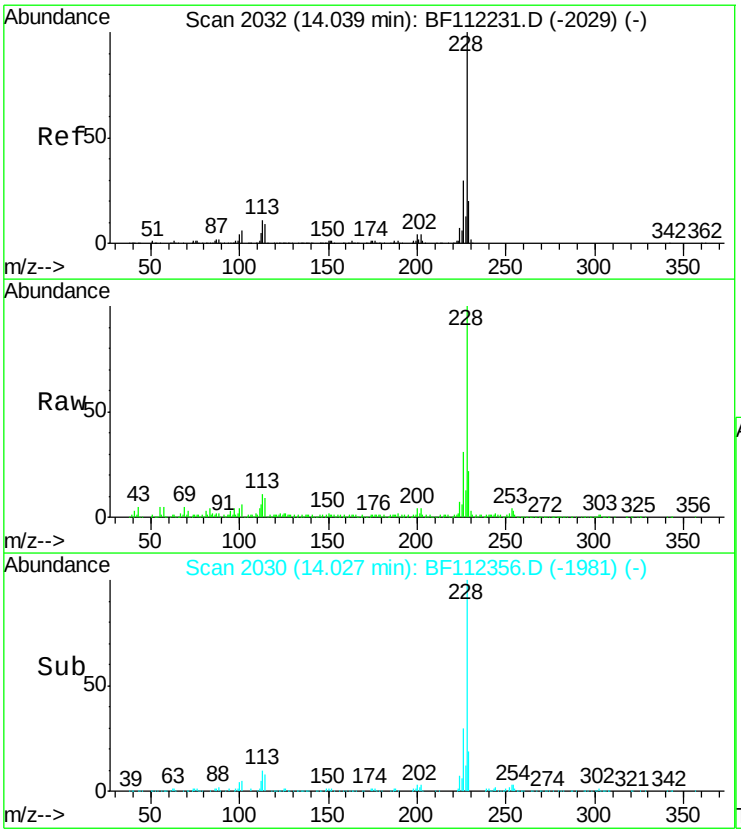
#81
Benzo(a)anthracene
Concen: 12.439 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.03 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:228 Resp: 231115

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	34.0
229	21.6	16.5	24.7

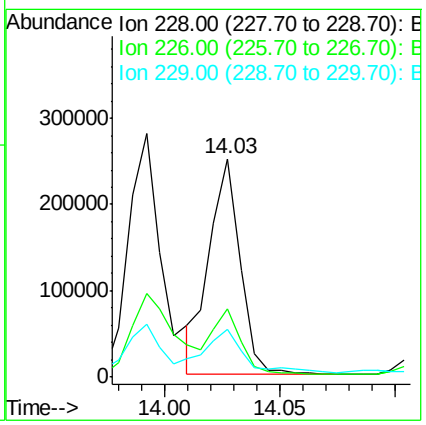


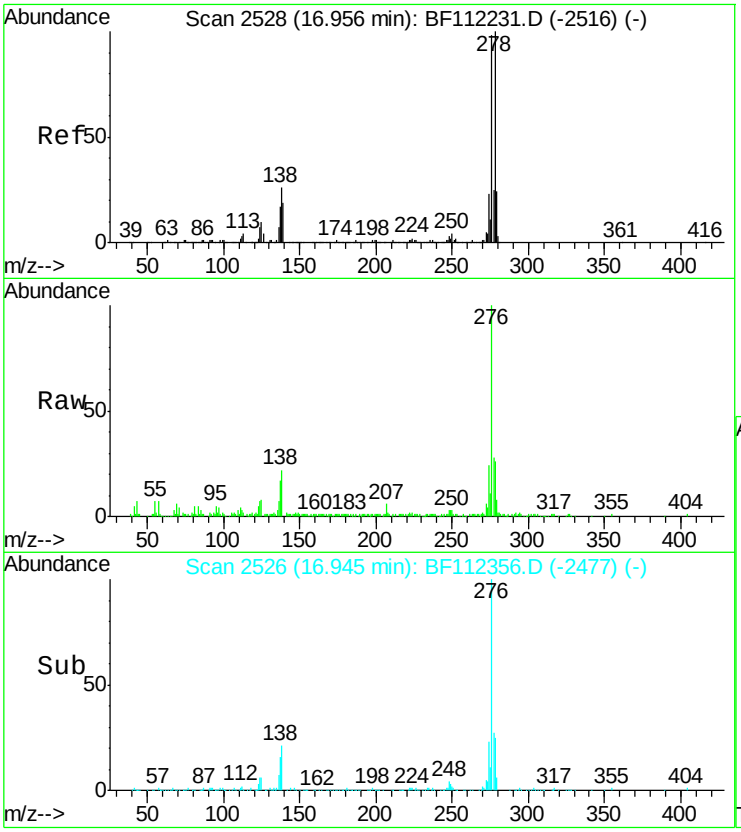


#83
Chrysene
Concen: 13.031 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:228 Resp: 231115

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.6	16.6	24.8



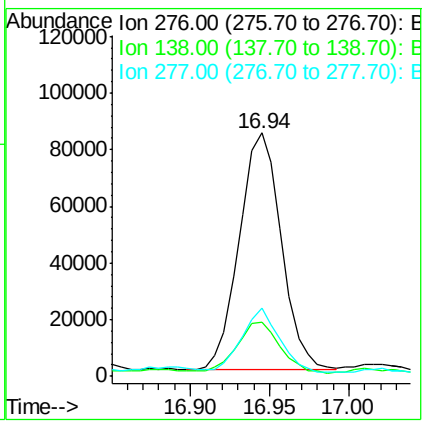


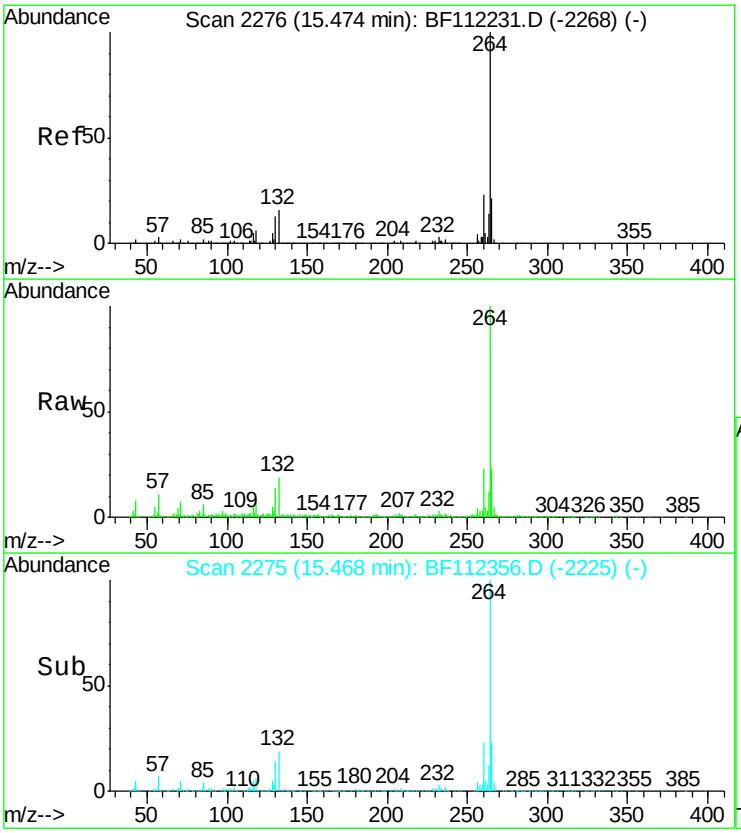
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.017 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:276 Resp: 154825

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.6	34.0#
277	25.2	20.3	30.5

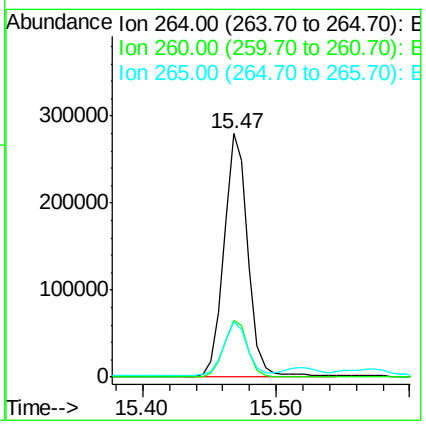


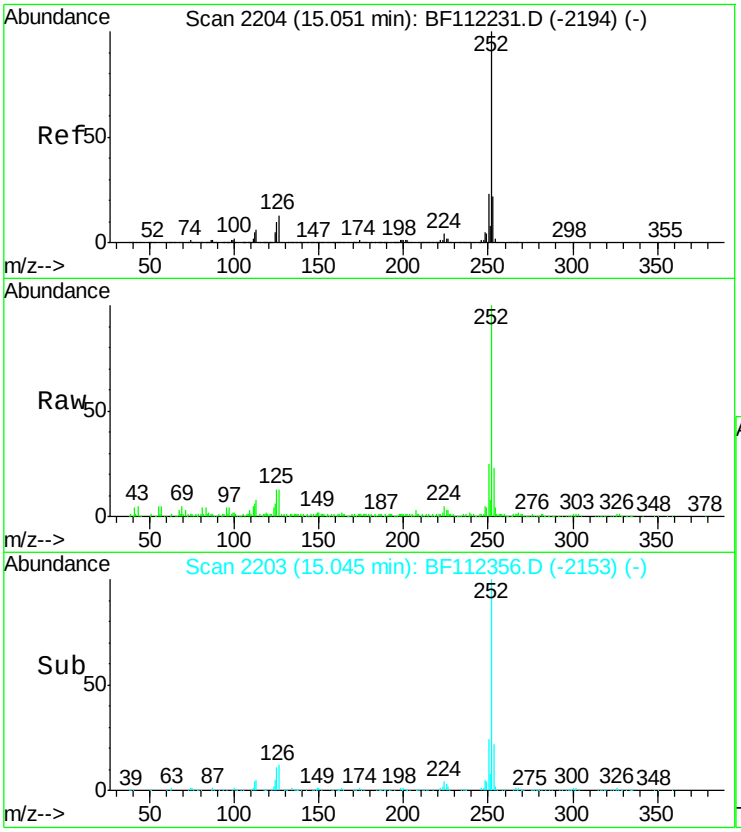


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:264 Resp: 349922

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.9	17.0	25.4



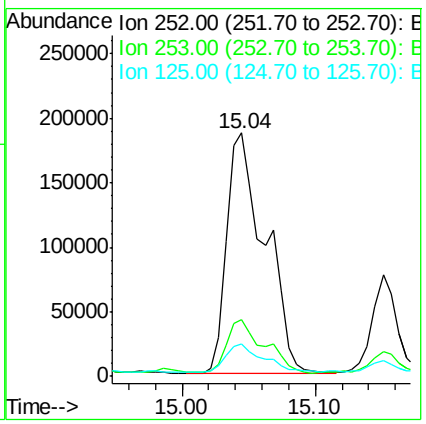


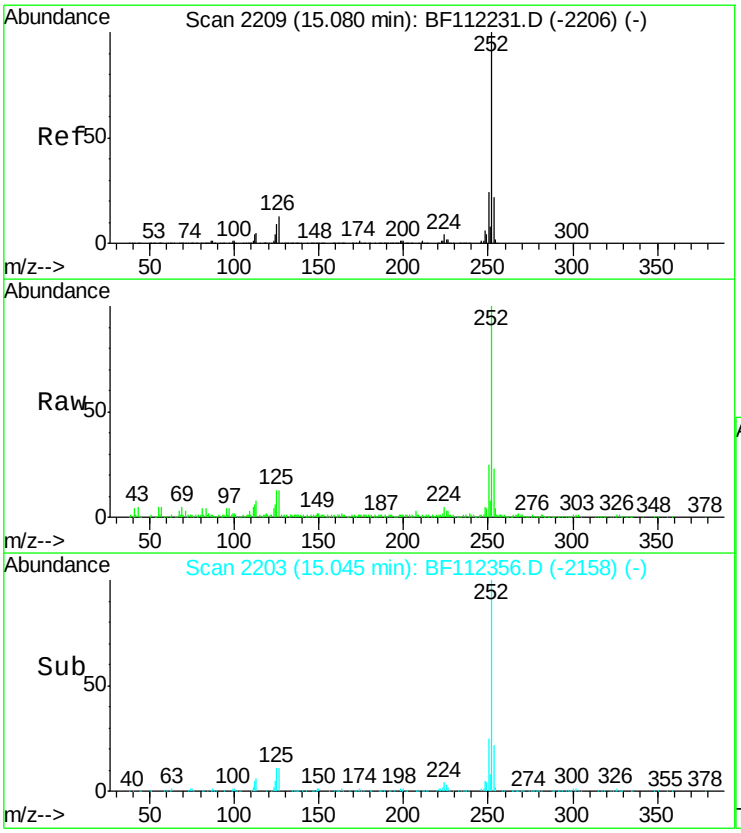
#88
Benzo(b)fluoranthene
Concen: 17.835 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:252 Resp: 373235

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.4	8.7	13.1#

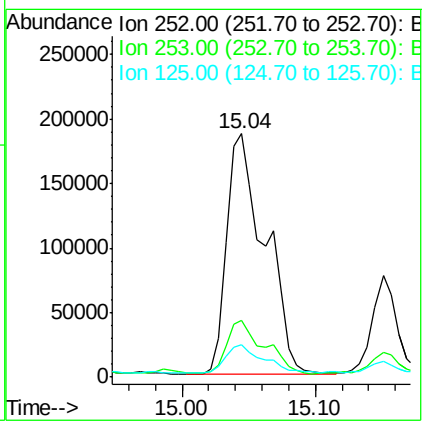


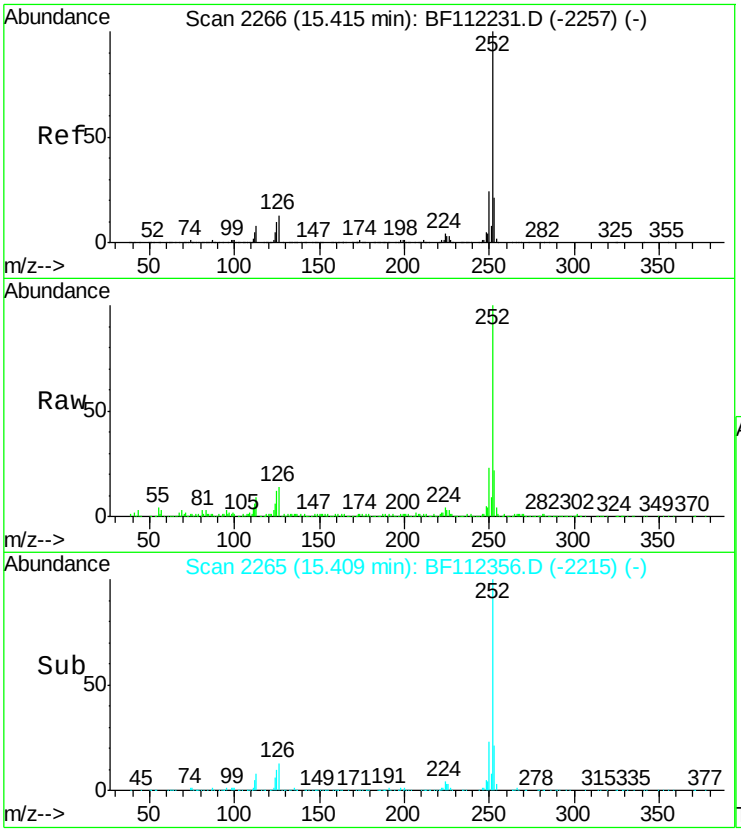


#89
Benzo(k)fluoranthene
Concen: 18.620 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:252 Resp: 373235

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.4	9.1	13.7



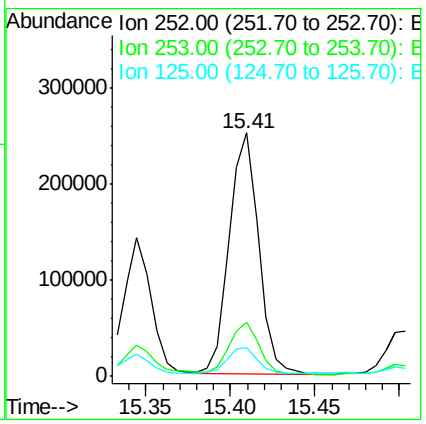


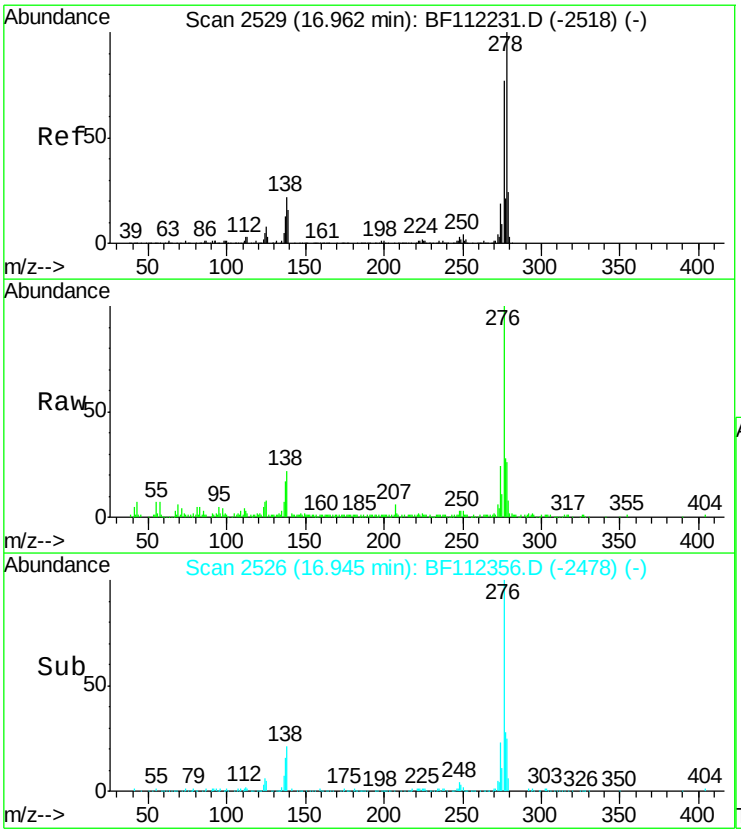
#90
Benzo(a)pyrene
Concen: 16.192 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:252 Resp: 304889

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.6	9.0	13.4

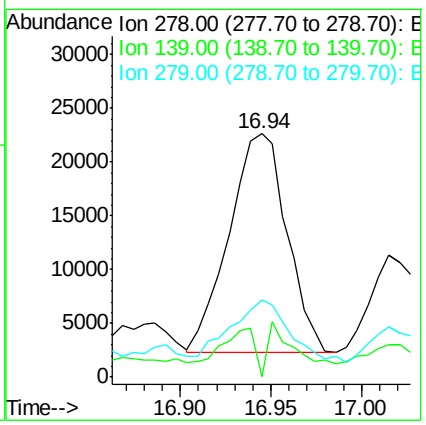


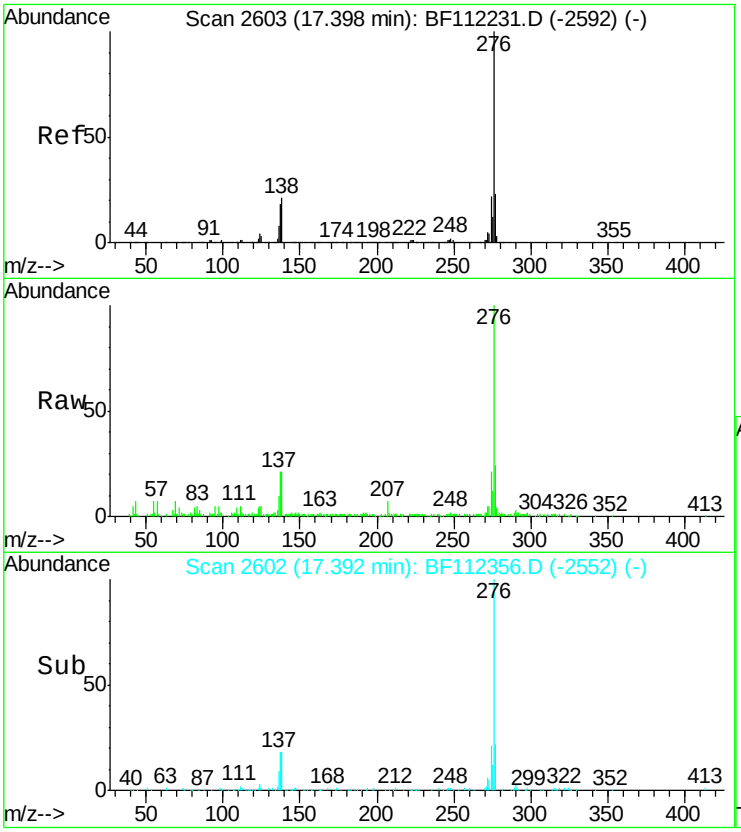


#91
Dibenzo(a,h)anthracene
Concen: 2.980 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:278 Resp: 45231

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	31.9	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 10.958 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

Tgt Ion:276 Resp: 156890

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	20.8	19.1	28.7