Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112127.D
Acq On : 18 Jan 2019 16:32
Operator : JU/SJ
Sample : K1156-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Jan 18 23:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	285028	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1112644	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	530949	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	920414	20.00	ng		0.00
76) Chrysene-d12	14.02	240	670571	20.00	ng		0.00
87) Perylene-d12	15.50	264	720607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	713686	45.45	ng		0.00
7) Phenol-d6	6.50	99	917916	46.72	ng		0.00
23) Nitrobenzene-d5	7.41	82	550874	34.21	ng		-0.02
42) 2,4,6-Tribromophenol	10.68	330	250906	43.81	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1049897	28.99	ng		0.00
79) Terphenyl-d14	12.96	244	883797	28.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2019	Below Cal		#	1
10) Phenol	6.51	94	51380	2.393	ng	#	75
19) n-Nitroso-di-n-propylamine	7.41	70	77395	6.466	ng	#	75
25) Isophorone	7.41	82	539742	17.352	ng	#	64
31) Naphthalene	8.16	128	135097	2.670	ng		98
32) Benzoic acid	8.10	122	118	7.187	ng		90
37) 2-Methylnaphthalene	8.85	142	77478	2.255	ng		97
38) 1-Methylnaphthalene	8.95	142	69661	2.109	ng		99
50) Dimethylphthalate	9.60	163	94331	2.436	ng	#	99
51) 2,6-Dinitrotoluene	9.89	165	74833	9.677	ng	#	34
52) Acenaphthene	9.92	154	182087	5.868	ng		98
55) Dibenzofuran	10.10	168	211728	4.512	ng		98
56) 4-Nitrophenol	9.99	139	2536	6.036	ng	#	40
57) 2,4-Dinitrotoluene	10.05	165	4672	5.007	ng	#	63
58) Fluorene	10.44	166	242646	6.921	ng		99
65) 4,6-Dinitro-2-methylphenol	10.68	198	688	10.211	ng	#	1
71) Phenanthrene	11.41	178	2385256	51.495	ng		99
72) Anthracene	11.46	178	773443	16.483	ng		98
73) Carbazole	11.61	167	189331	4.028	ng		99
75) Fluoranthene	12.60	202	2239027	45.782	ng		99
78) Pyrene	12.83	202	1899976	42.946	ng		100
81) Benzo(a)anthracene	14.01	228	945605	24.594	ng		99
83) Chrysene	14.05	228	771886	21.217	ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	362685	10.806	ng		95
88) Benzo(b)fluoranthene	15.07	252	1219941	29.824	ng		98
89) Benzo(k)fluoranthene	15.07	252	1219941	30.814	ng		98
90) Benzo(a)pyrene	15.43	252	691696	18.439	ng		98
91) Dibenzo(a,h)anthracene	17.15	278	97838	2.937	ng		96
92) Benzo(g,h,i)perylene	17.42	276	313748	9.559	ng		98

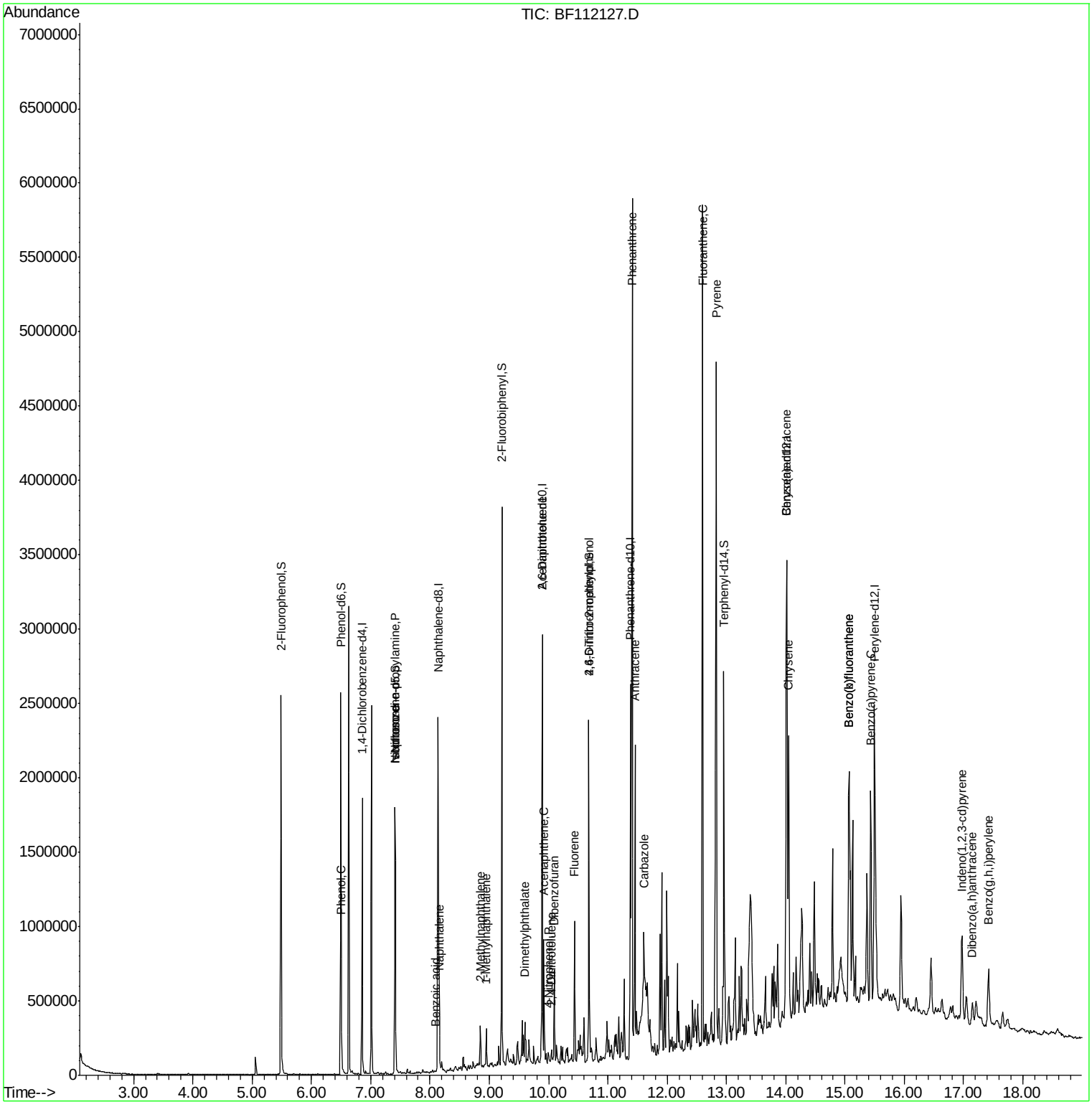
(#) = qualifier out of range (m) = manual integration (+) = signals summed

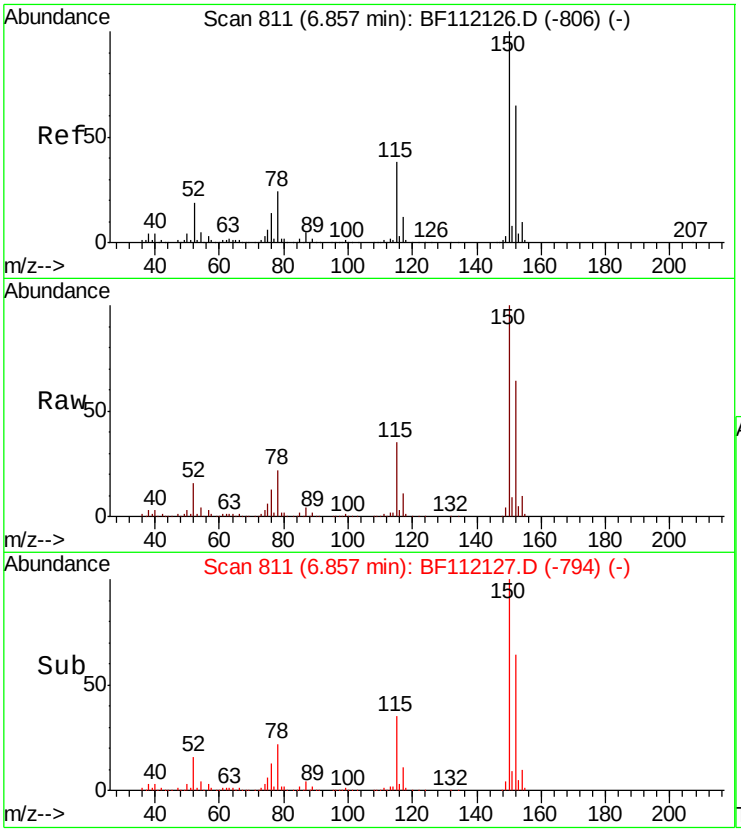
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112127.D
Acq On : 18 Jan 2019 16:32
Operator : JU/SJ
Sample : K1156-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 18 23:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration



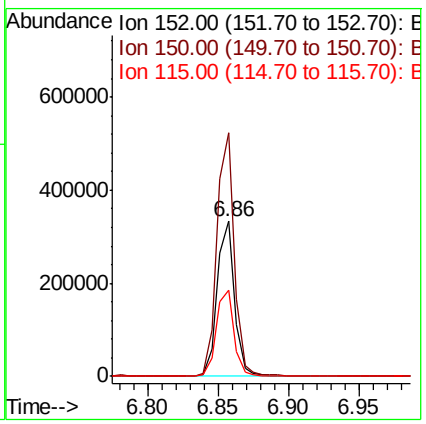


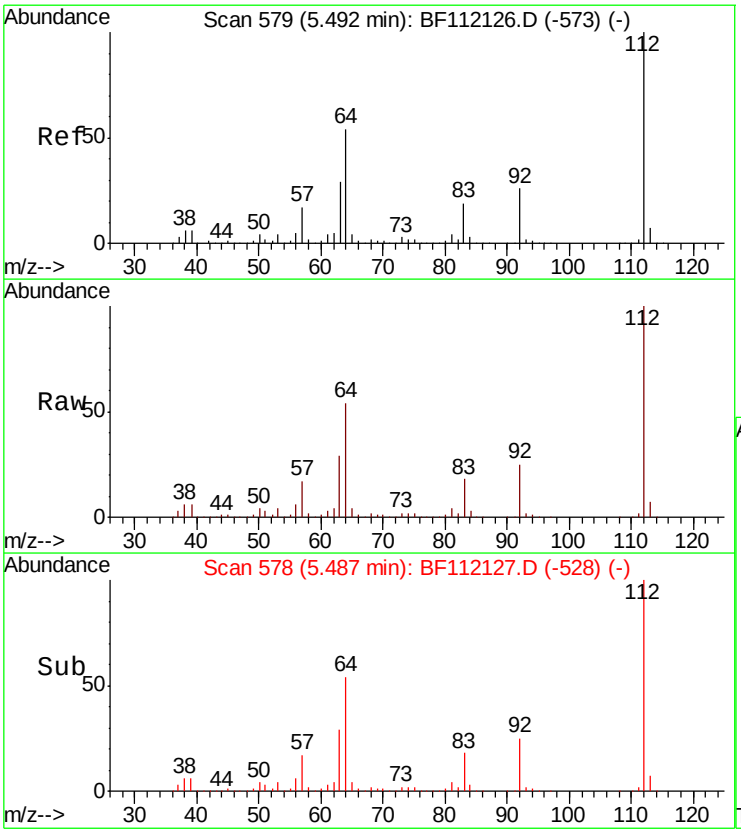
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 285028

Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.0
115	55.6	45.5	68.3

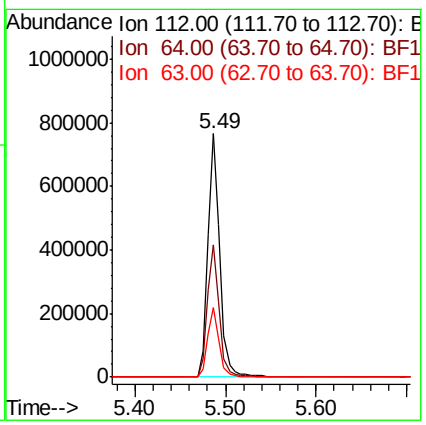


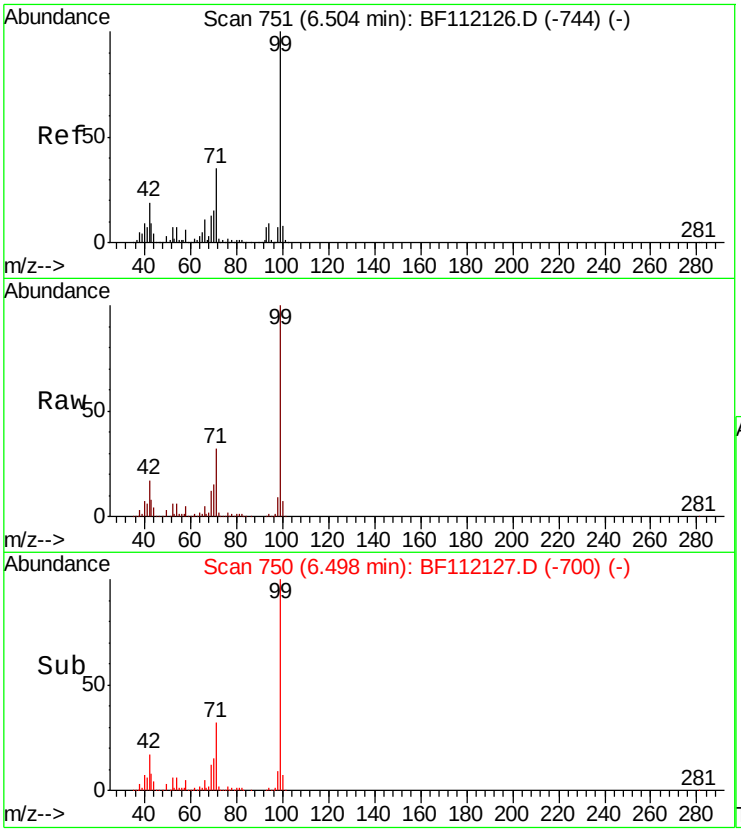


#5
2-Fluorophenol
Concen: 45.447 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:112 Resp: 713686

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	28.8	23.6	35.4



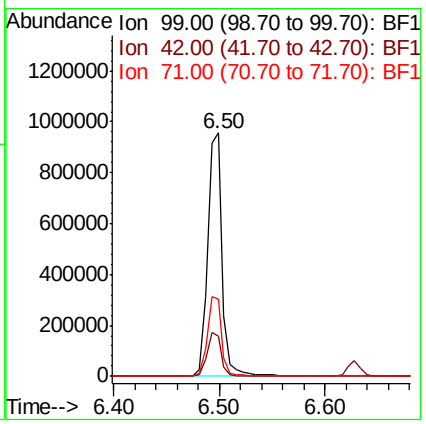


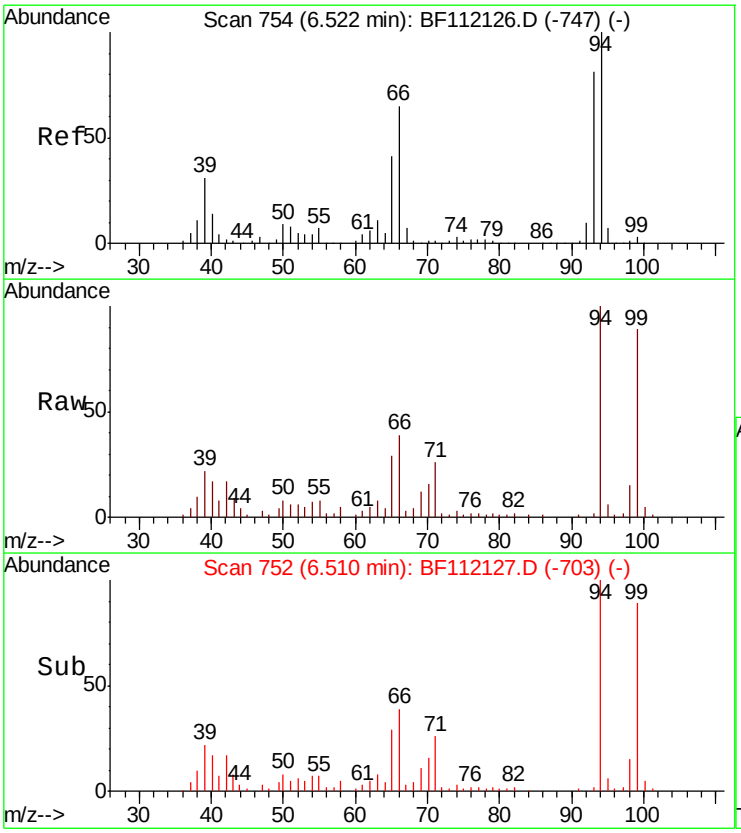
#7
Phenol-d6
Concen: 46.719 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 917916

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.1	22.7
71	31.7	26.9	40.3

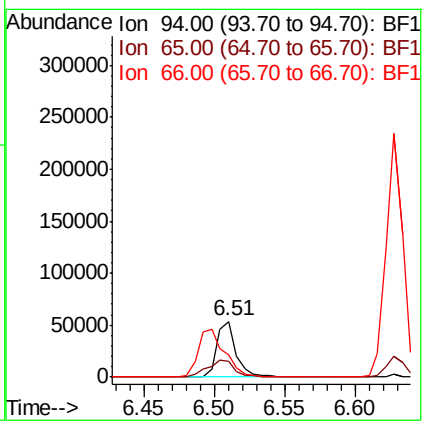


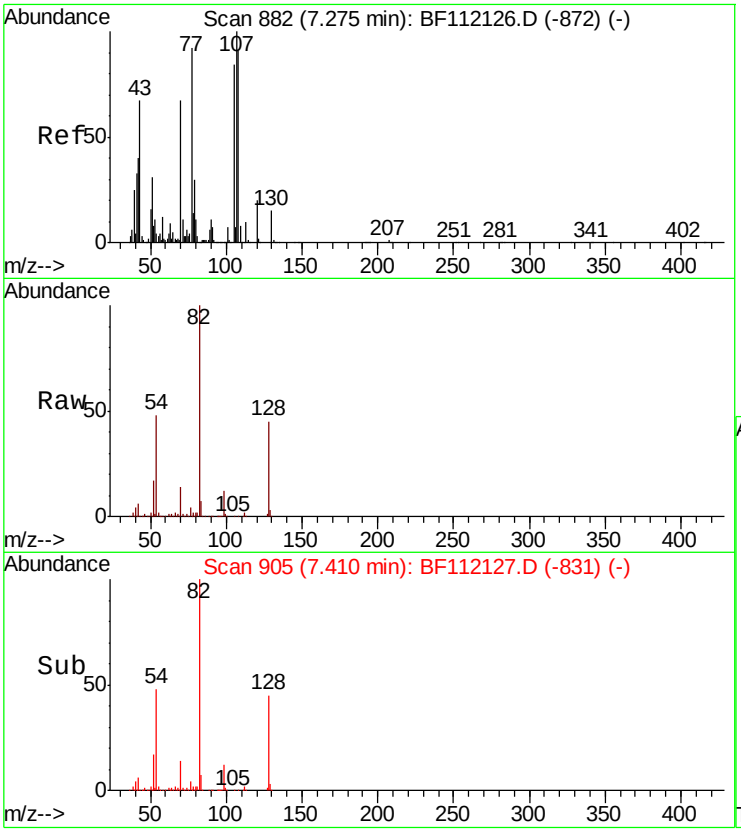


#10
Phenol
Concen: 2.393 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion: 94 Resp: 51380

Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.3	60.3
66	39.3	42.4	82.4#



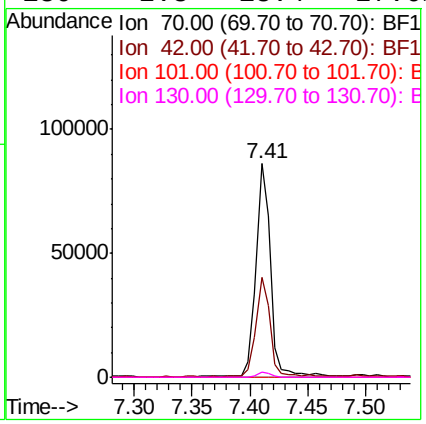


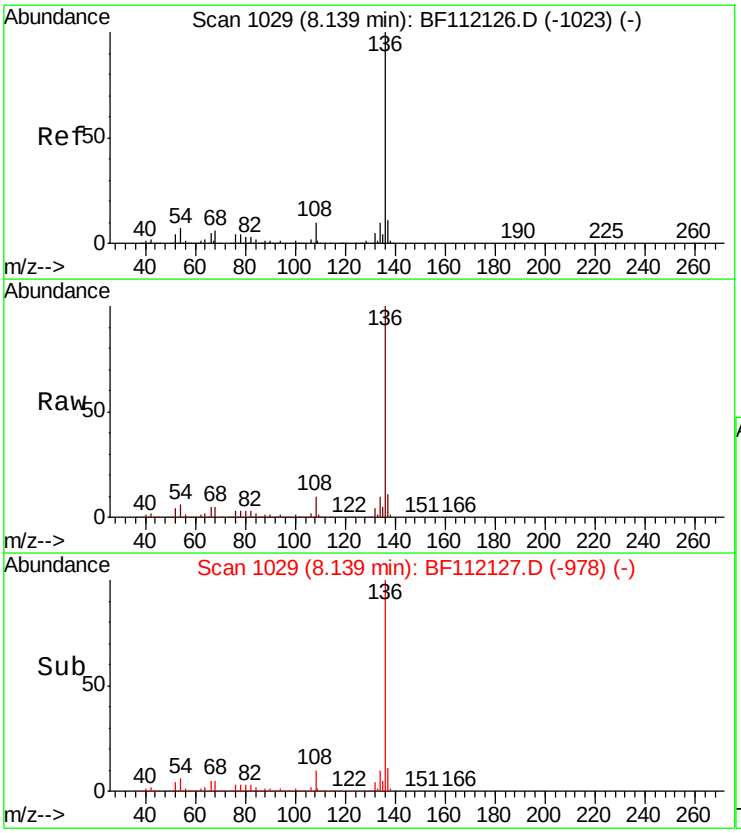
#19
n-Nitroso-di-n-propylamine
Concen: 6.466 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 70 Resp: 77395

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

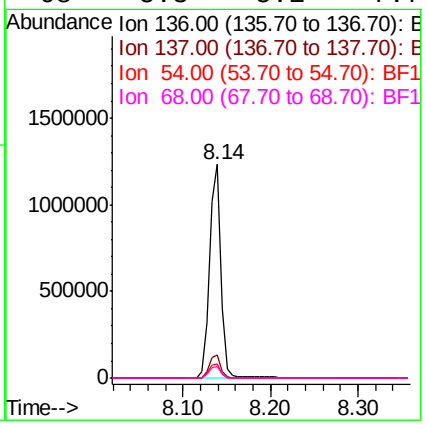


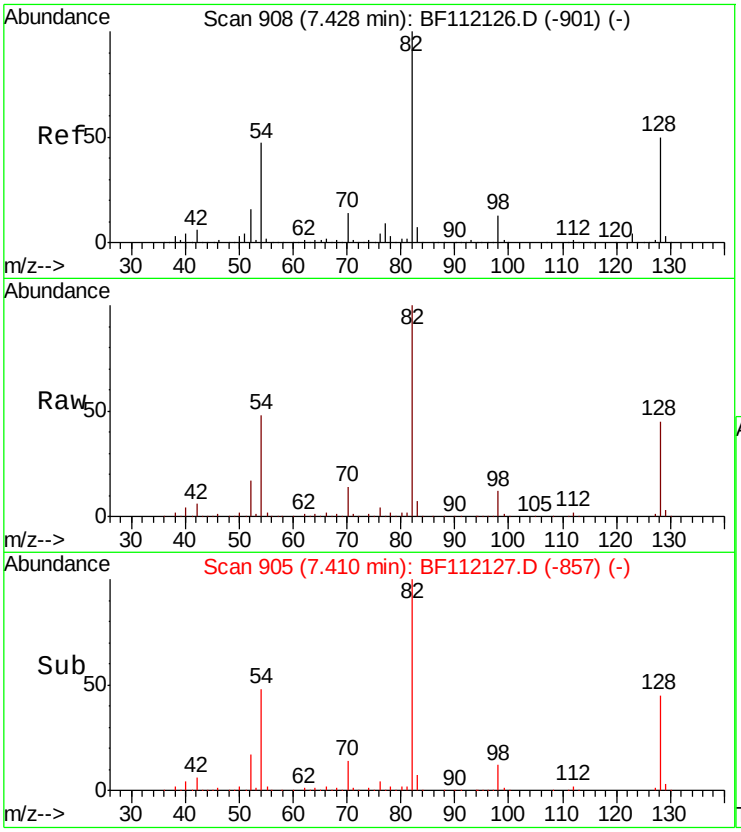


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:136 Resp: 1112644

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.4	5.9	8.9
68	5.3	5.1	7.7



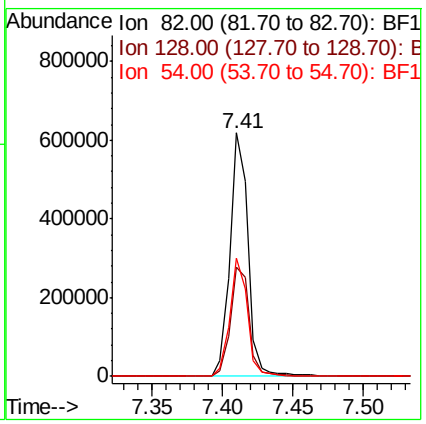


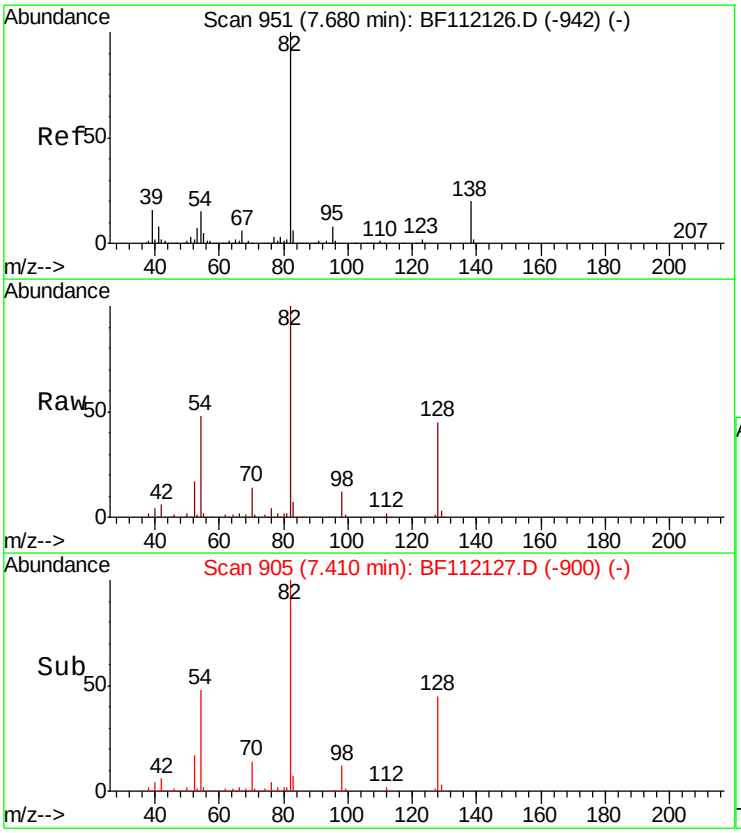
#23
Nitrobenzene-d5
Concen: 34.206 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 550874

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.8	56.8
54	48.3	39.7	59.5

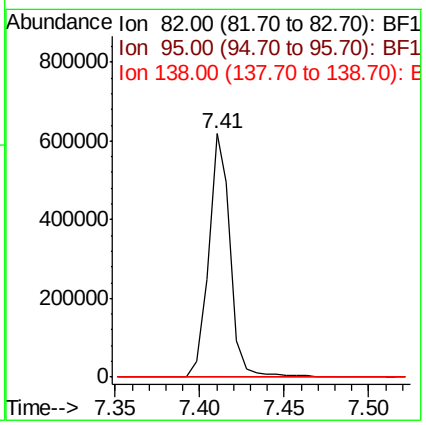


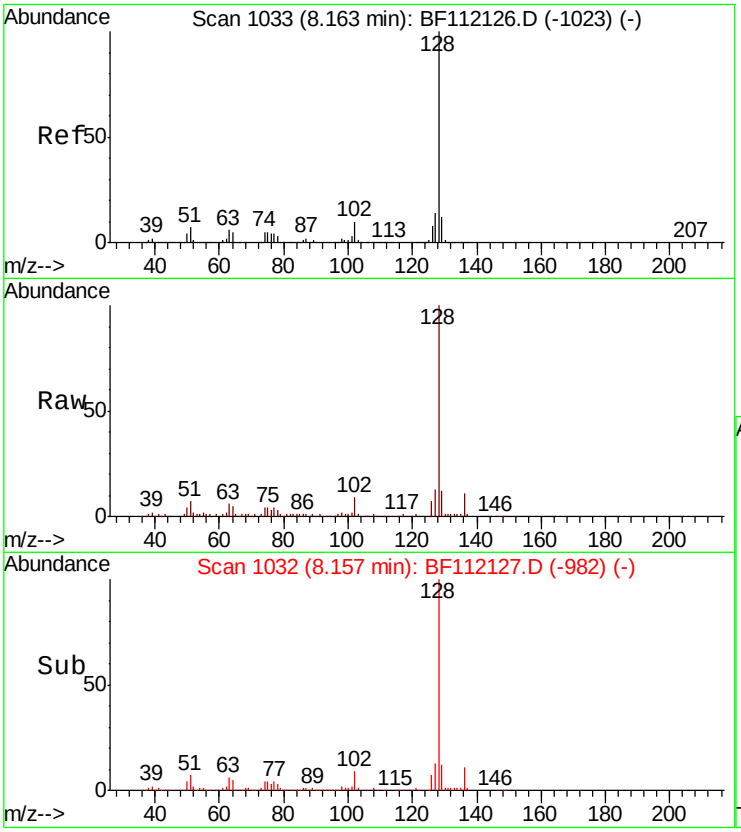


#25
Isophorone
Concen: 17.352 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion: 82 Resp: 539742

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



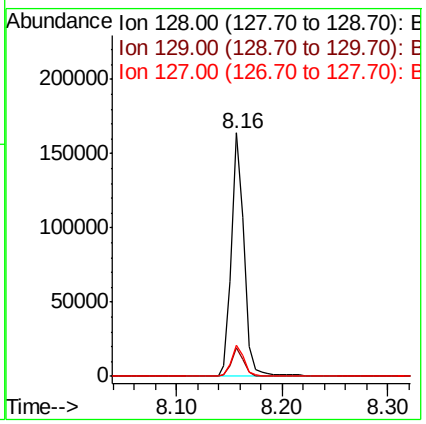


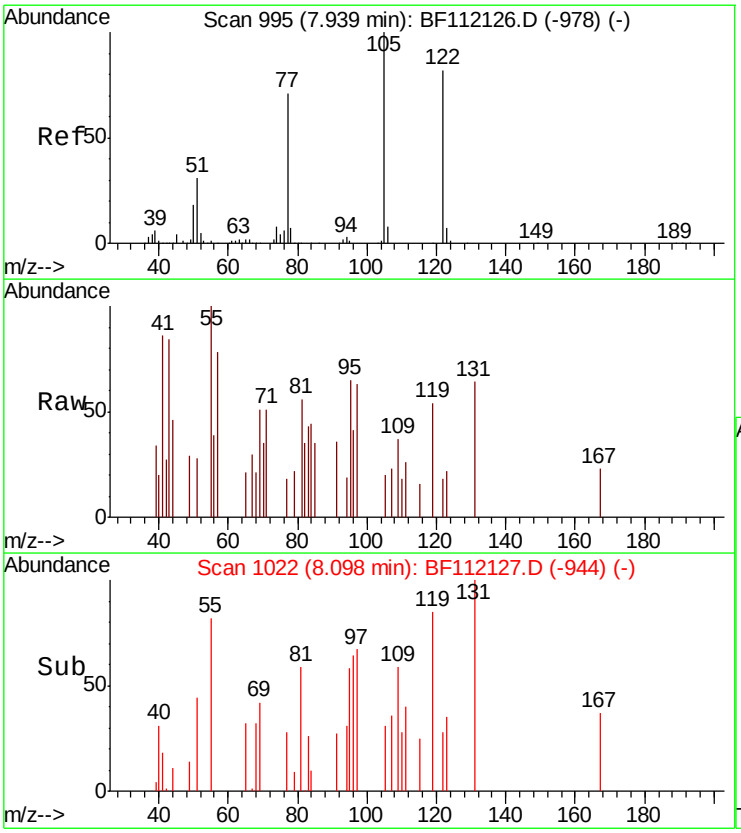
#31
Naphthalene
Concen: 2.670 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 135097

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	12.9	11.1	16.7

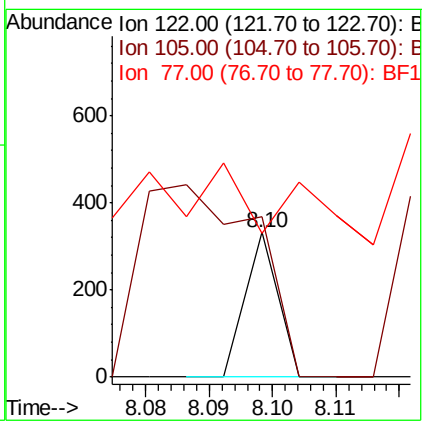


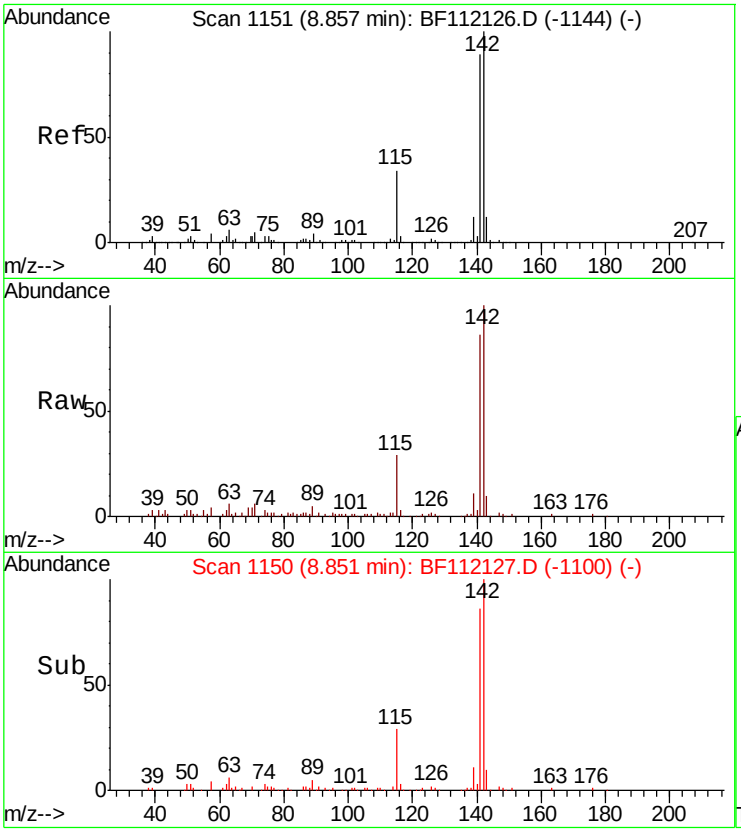


#32
Benzoic acid
Concen: 7.187 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.16 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	110.2	101.2	141.2
77	99.4	70.4	110.4



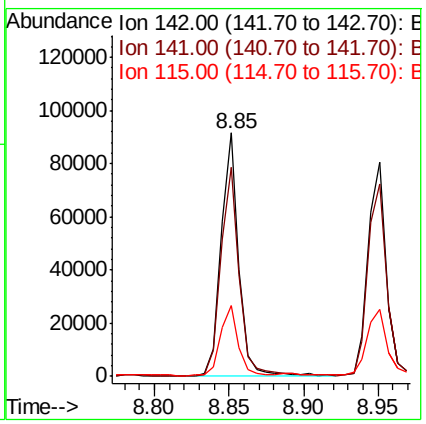


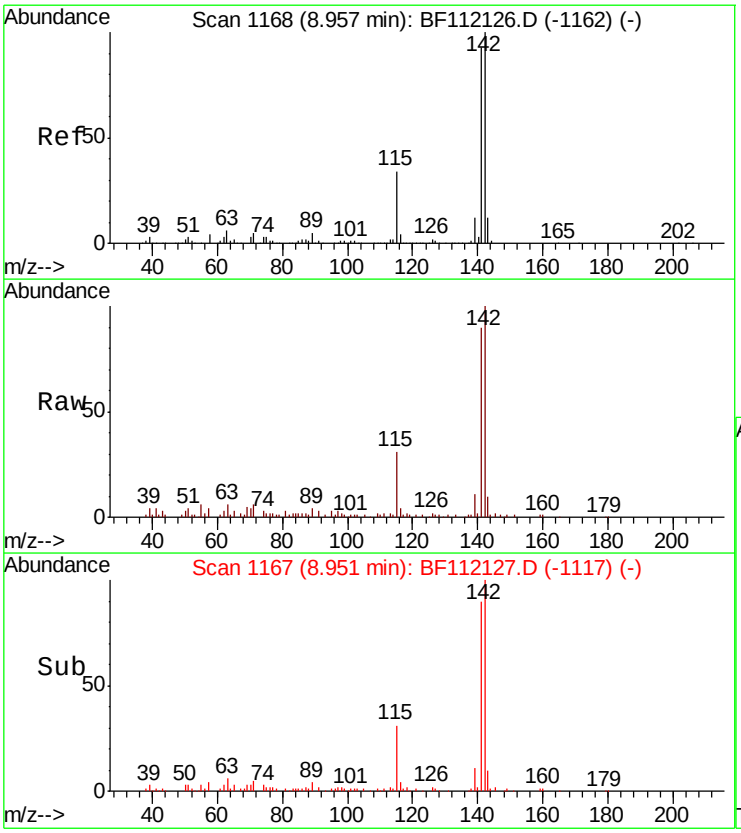
#37
2-Methylnaphthalene
Concen: 2.255 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:142 Resp: 77478

Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.9	106.3
115	29.2	24.9	37.3

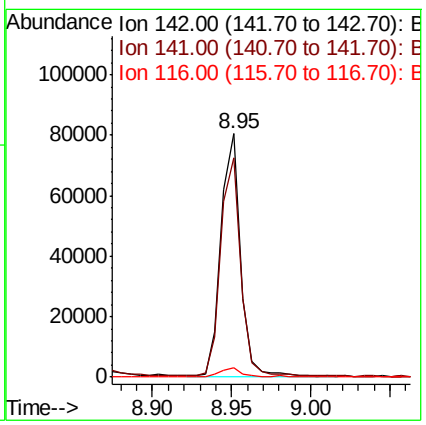


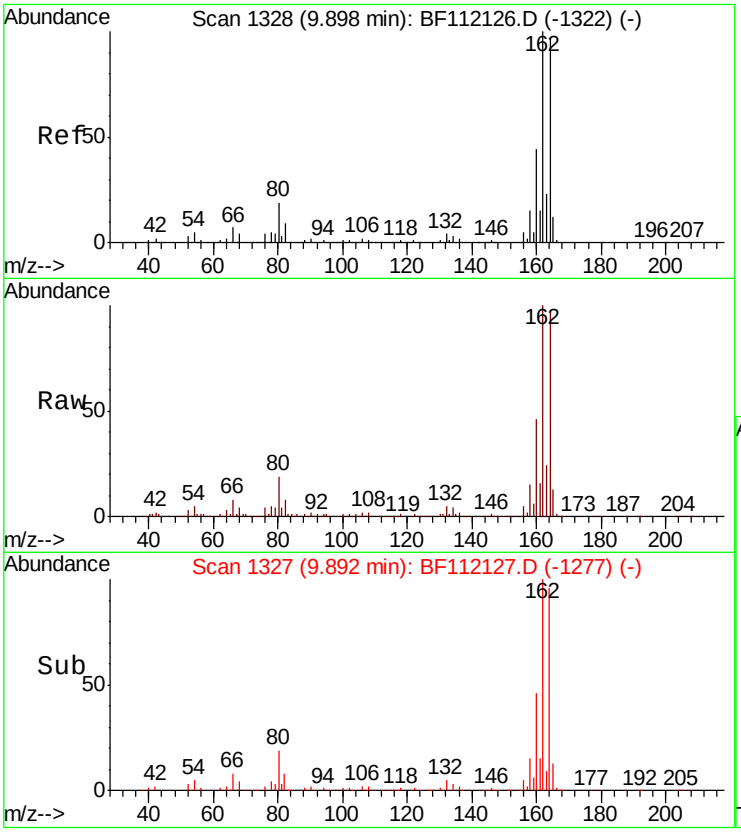


#38
1-Methylnaphthalene
Concen: 2.109 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:142 Resp: 69661

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8
116	3.8	2.8	4.2



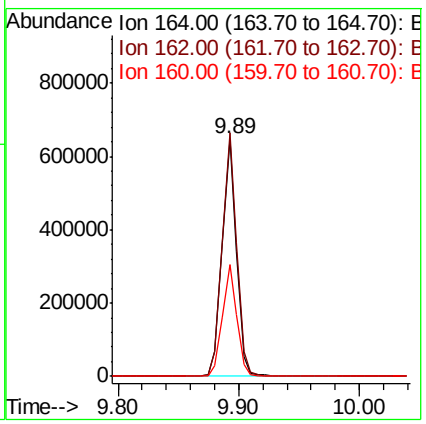


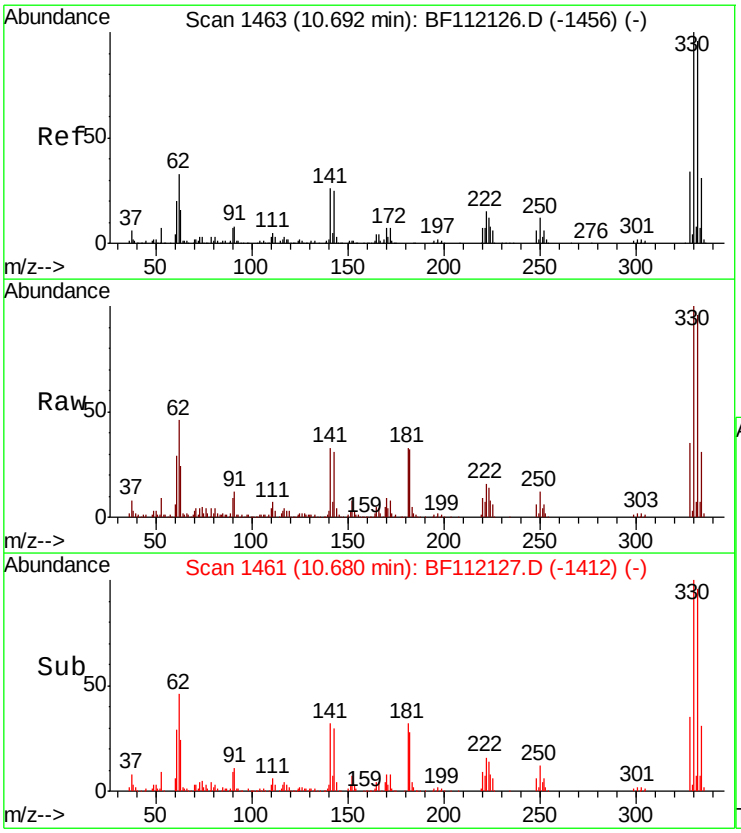
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 530949

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.4
160	46.9	36.2	54.4

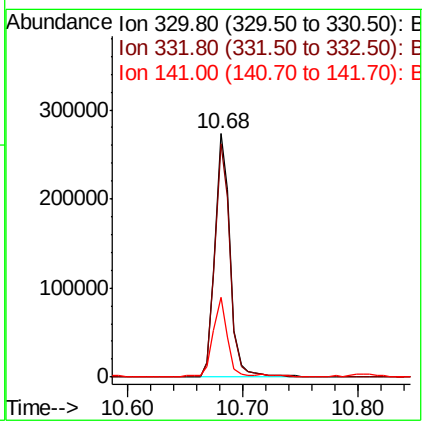


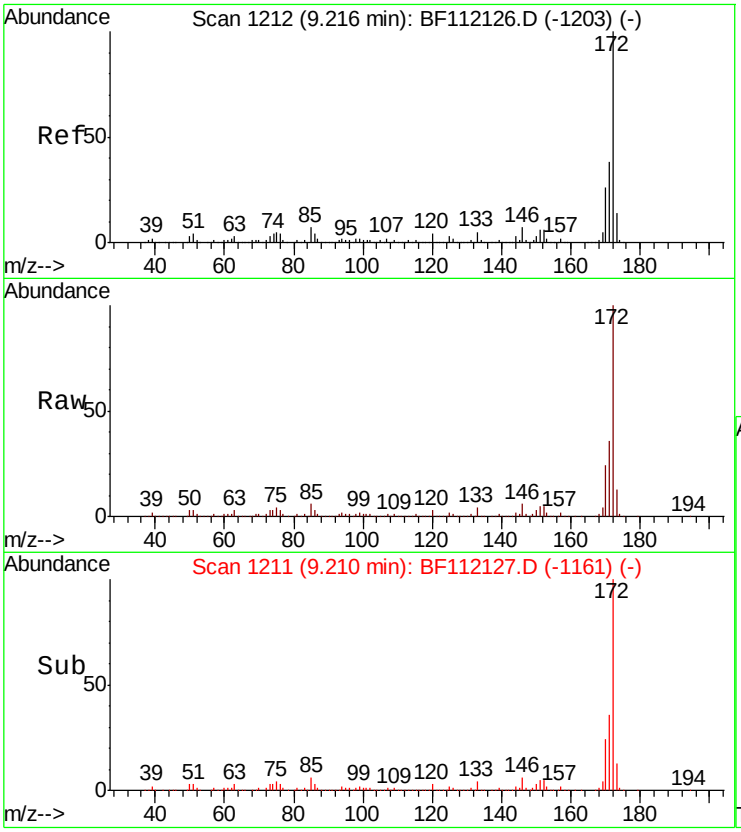


#42
2,4,6-Tribromophenol
Concen: 43.805 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:330 Resp: 250906

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	31.7	24.3	36.5



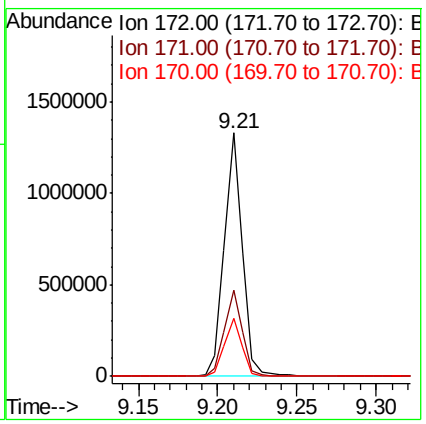


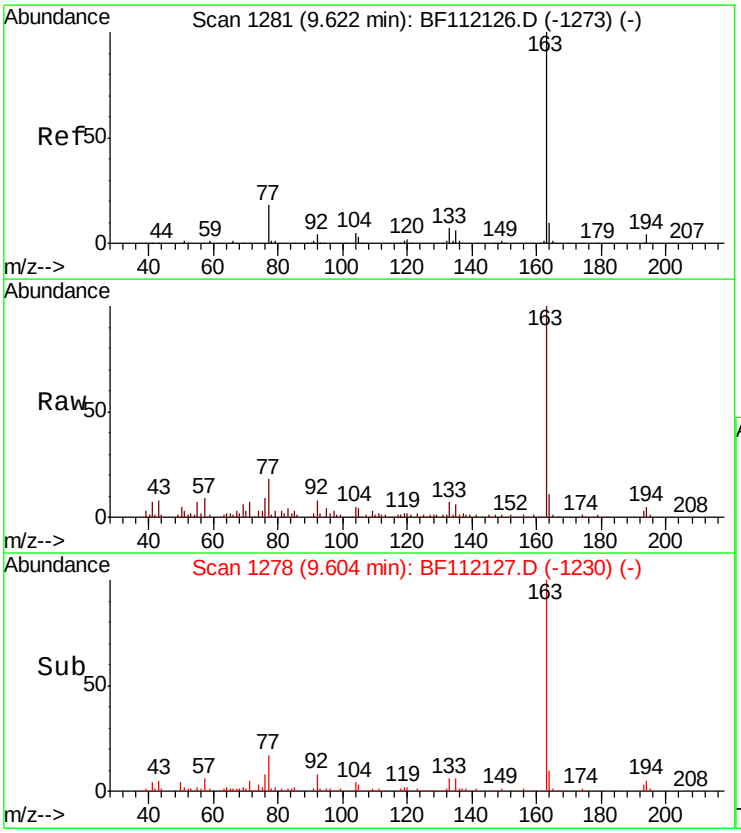
#45
2-Fluorobiphenyl
Concen: 28.991 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 1049897

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	23.9	20.2	30.4

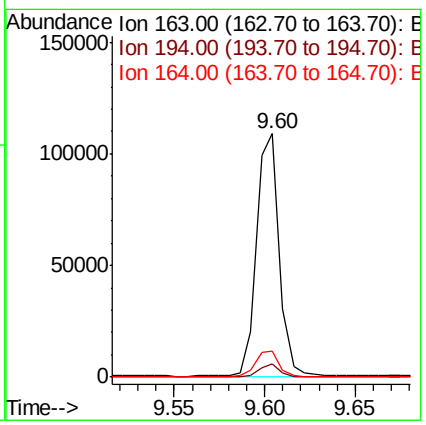


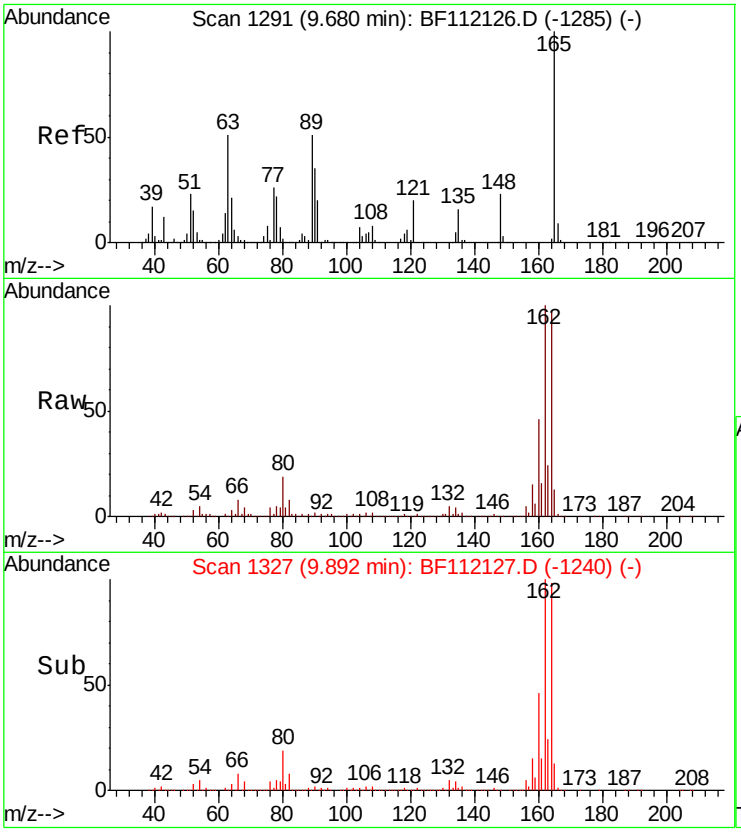


#50
Dimethylphthalate
Concen: 2.436 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:163 Resp: 94331

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.3	4.9#
164	10.6	8.5	12.7



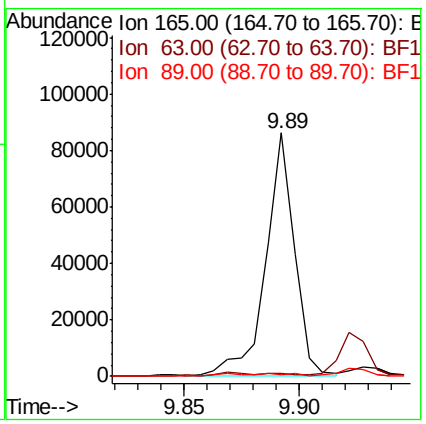


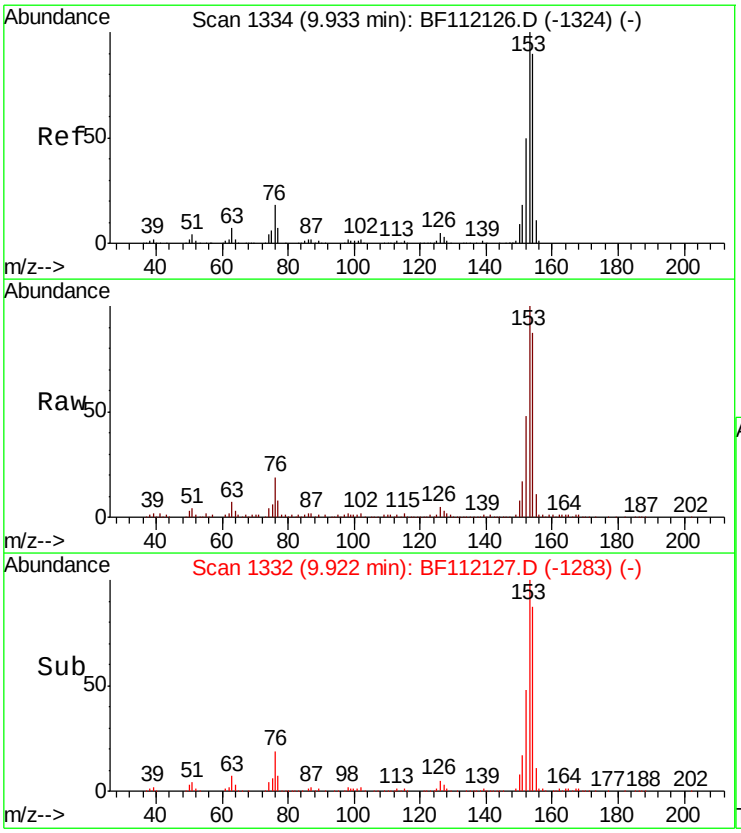
#51
2,6-Dinitrotoluene
Concen: 9.677 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 74833

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.0	36.9	55.3#

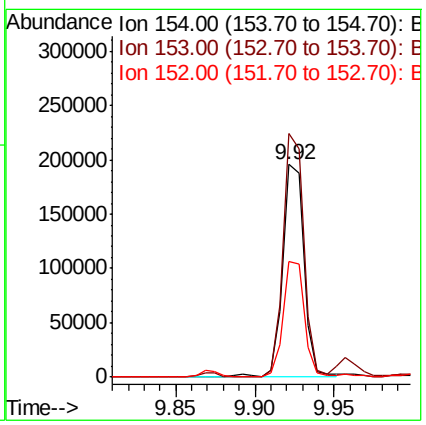


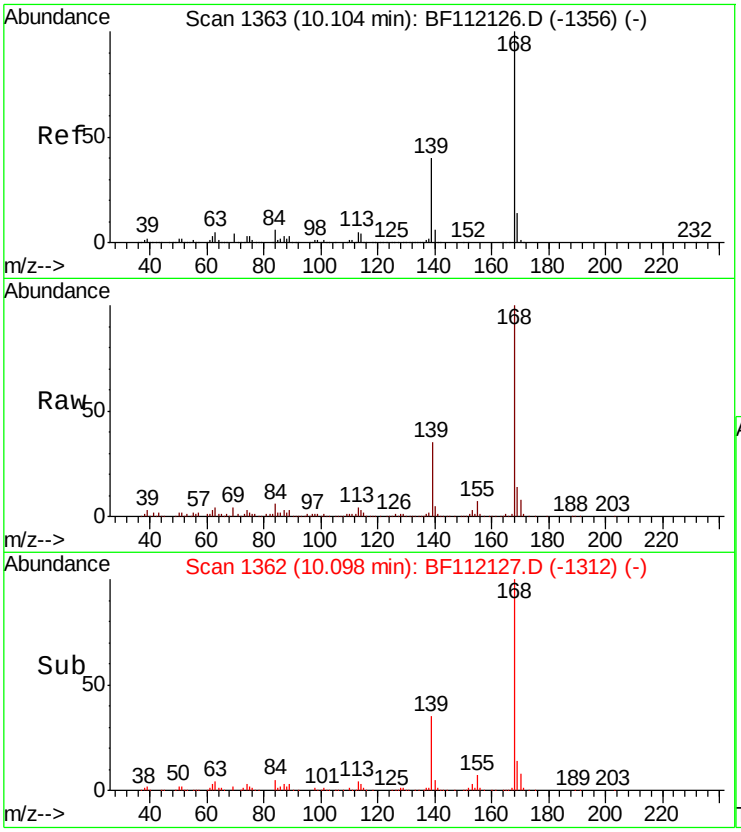


#52
Acenaphthene
Concen: 5.868 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:154 Resp: 182087

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.8	134.6
152	54.5	43.5	65.3



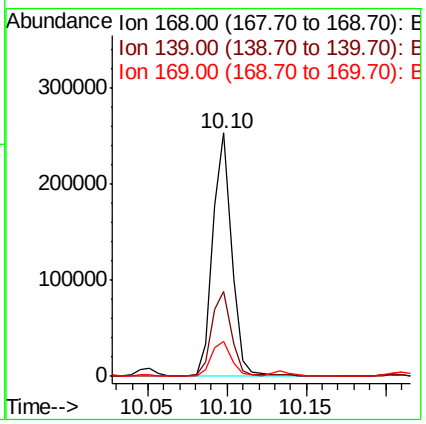


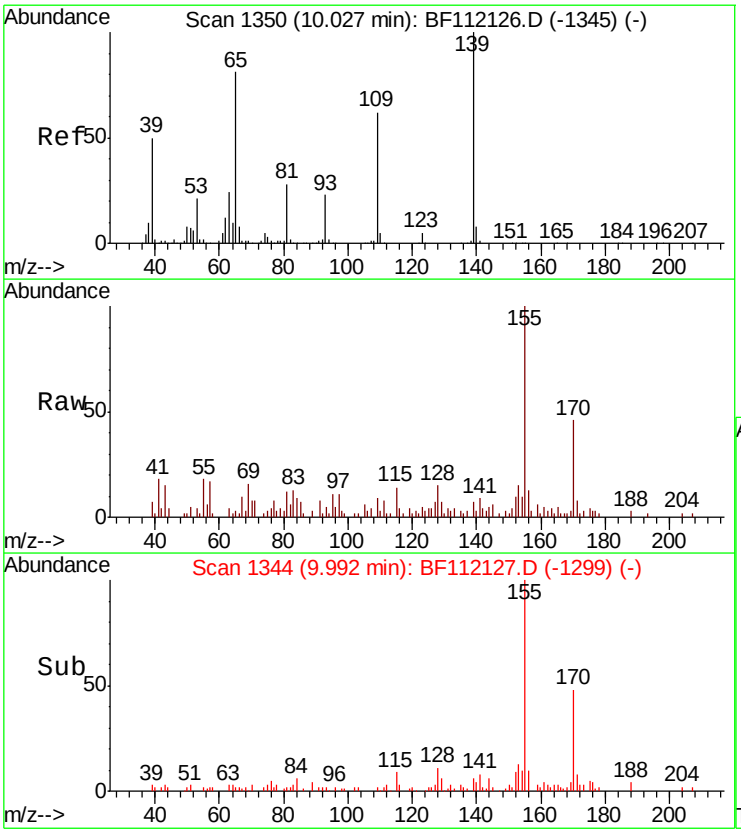
#55
Dibenzofuran
Concen: 4.512 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:168 Resp: 211728

Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.2	43.8
169	14.4	11.4	17.0

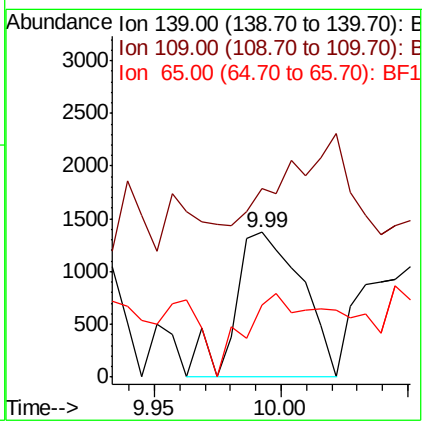


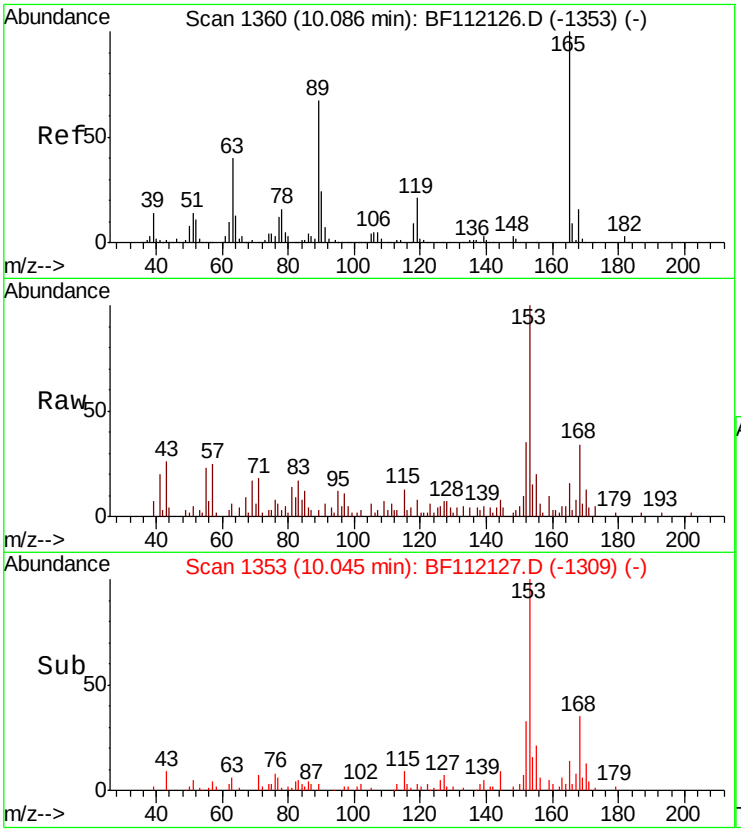


#56
4-Nitrophenol
Concen: 6.036 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.04 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:139 Resp: 2536

Ion	Ratio	Lower	Upper
139	100		
109	130.5	42.8	82.8#
65	49.9	66.1	106.1#



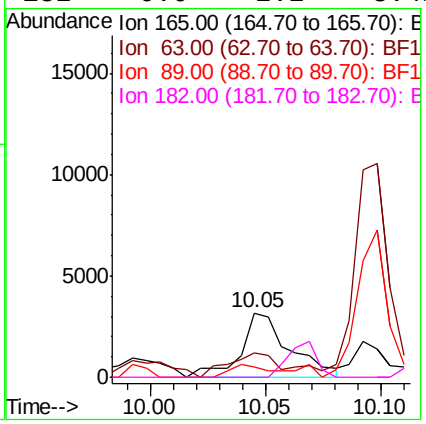


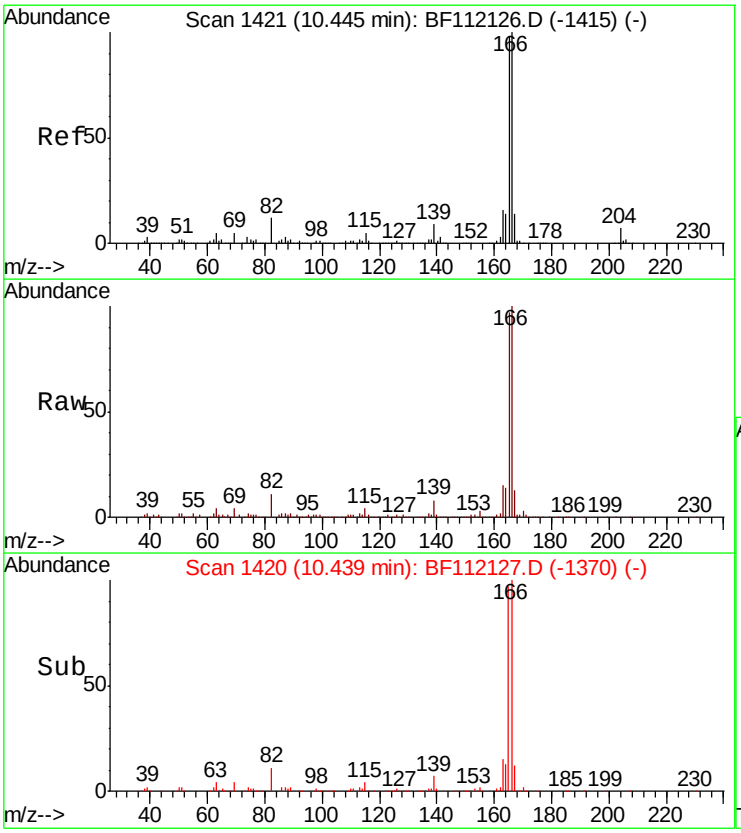
#57
2,4-Dinitrotoluene
Concen: 5.007 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 4672

Ion	Ratio	Lower	Upper
165	100		
63	37.4	27.9	41.9
89	16.4	47.9	71.9#
182	0.0	2.2	3.4#

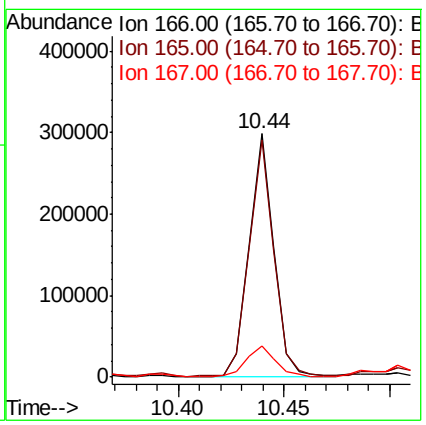


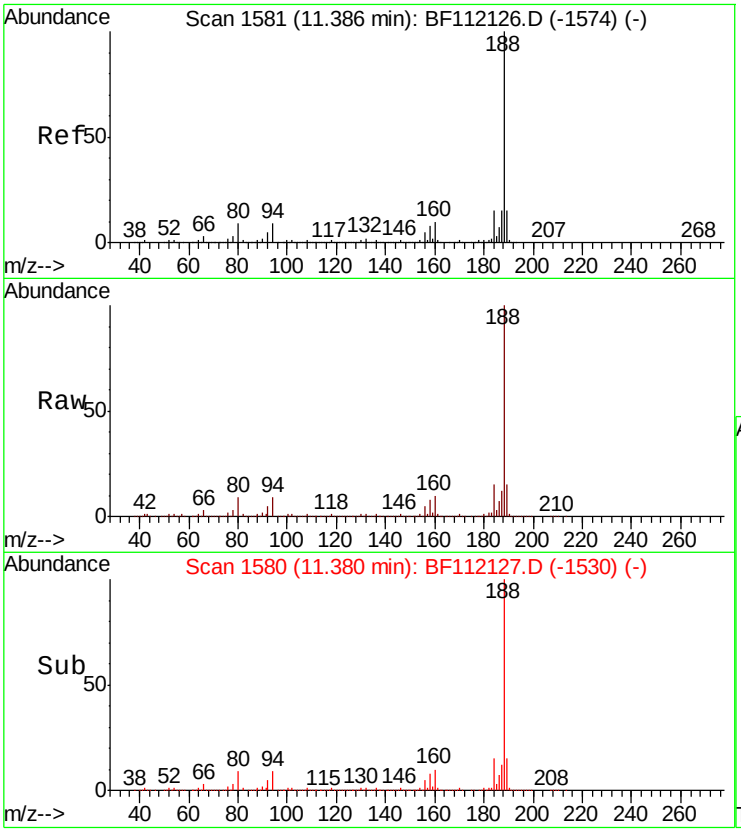


#58
Fluorene
Concen: 6.921 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:166 Resp: 242646

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.1	115.7
167	12.8	11.3	16.9



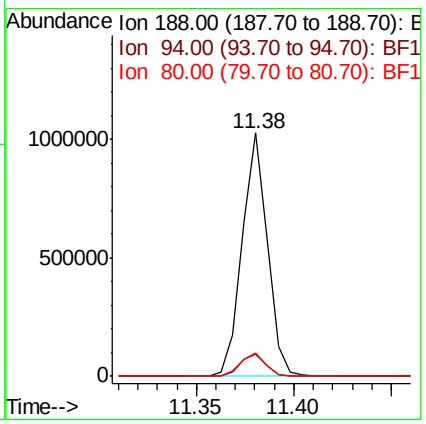


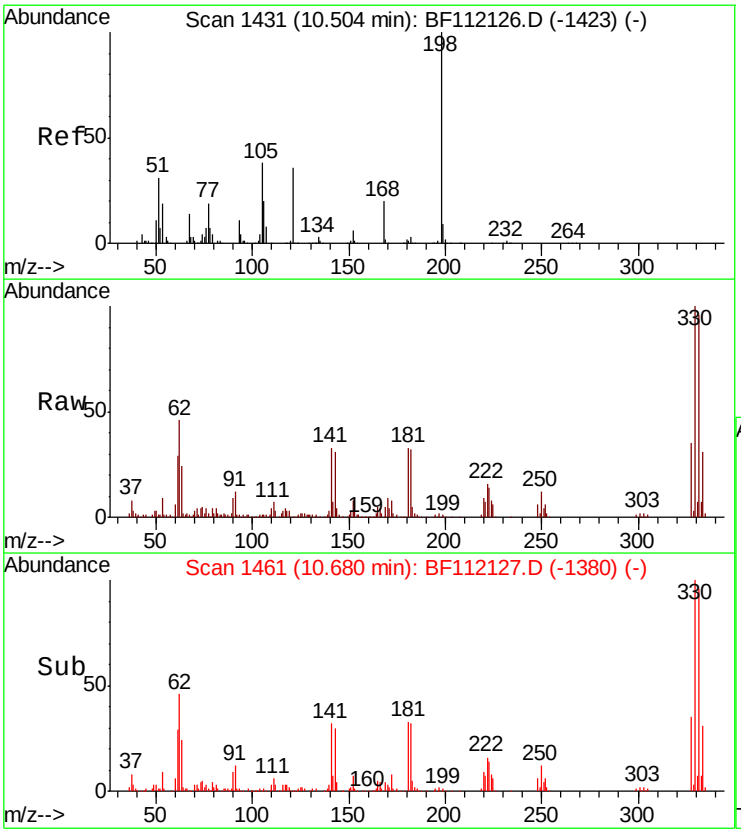
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 920414

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.5	8.9	13.3

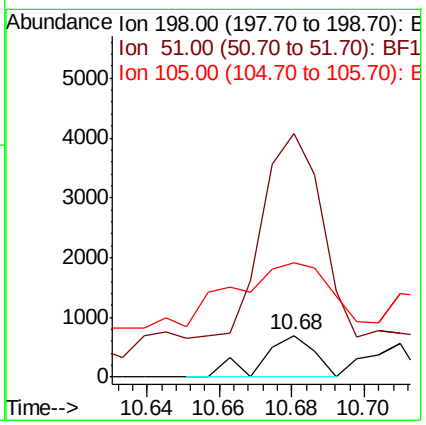


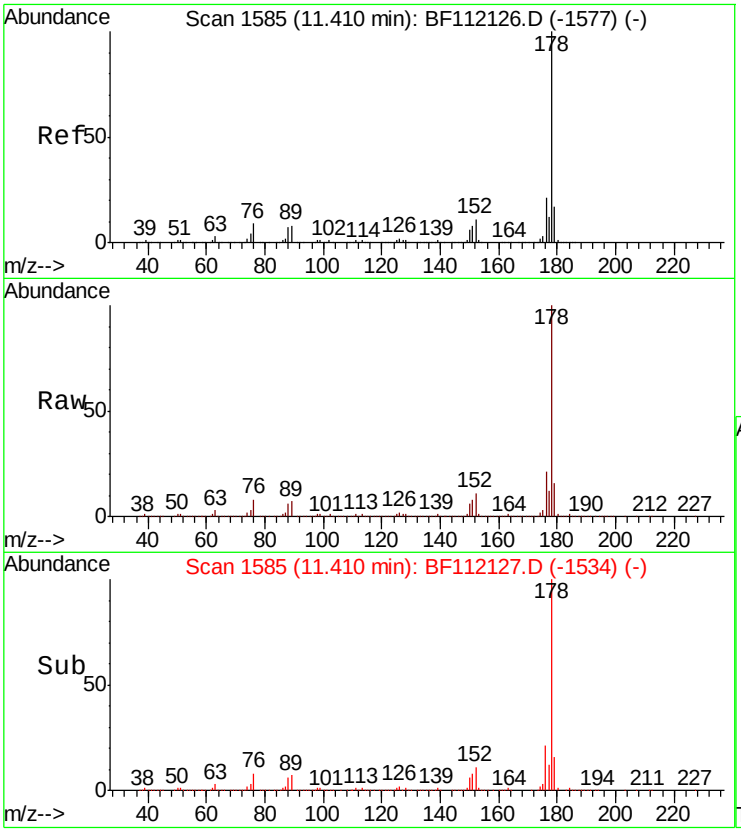


#65
4,6-Dinitro-2-methylphenol
Concen: 10.211 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:198 Resp: 688

Ion	Ratio	Lower	Upper
198	100		
51	581.0	17.2	57.2#
105	274.0	21.9	61.9#



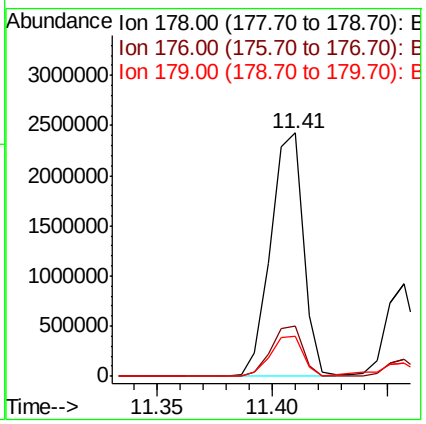


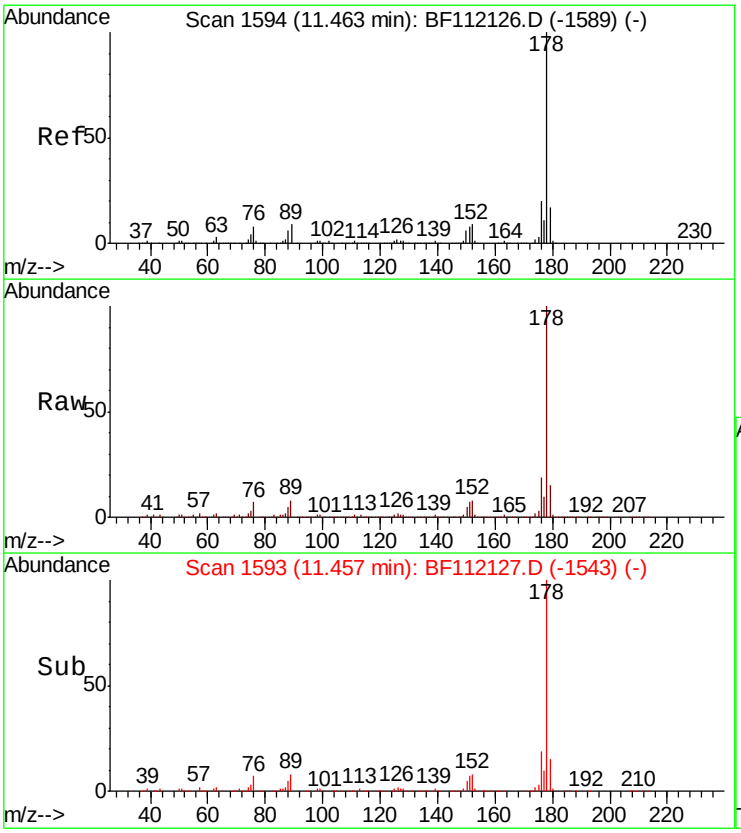
#71
Phenanthrene
Concen: 51.495 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 2385256

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.3	24.5
179	16.5	13.0	19.4

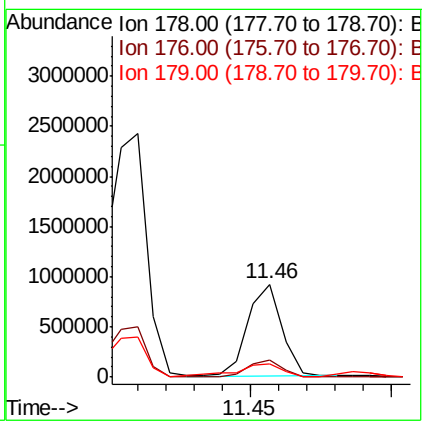


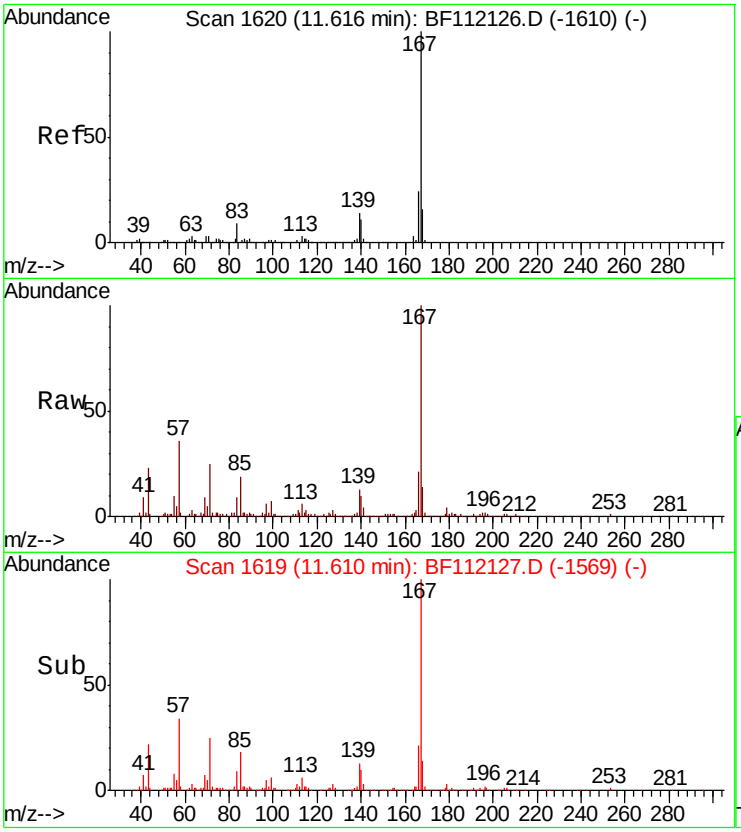


#72
Anthracene
Concen: 16.483 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:178 Resp: 773443

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.0	12.8	19.2



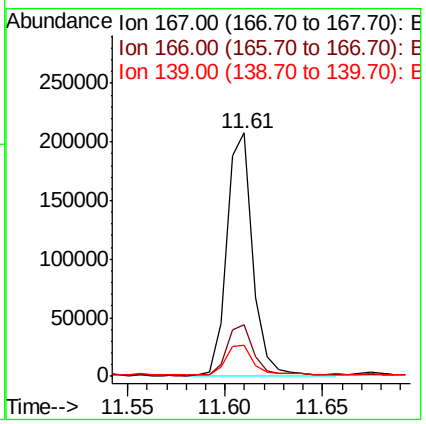


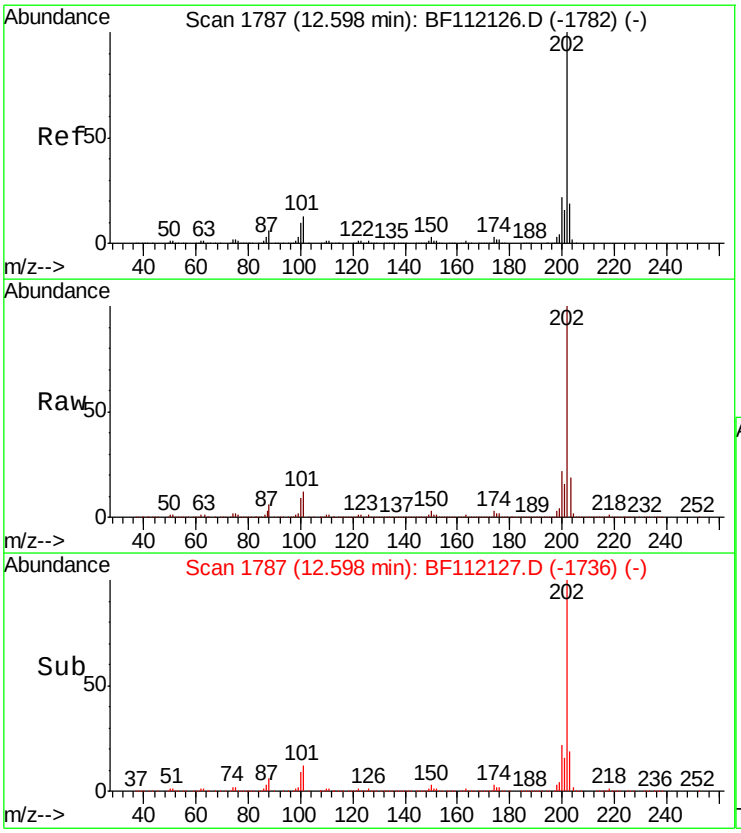
#73
Carbazole
Concen: 4.028 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:167 Resp: 189331

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.9	26.9
139	12.9	10.2	15.2

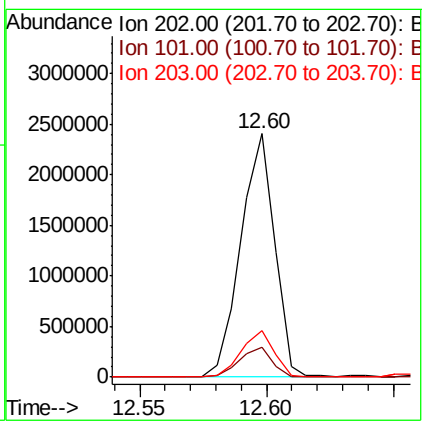


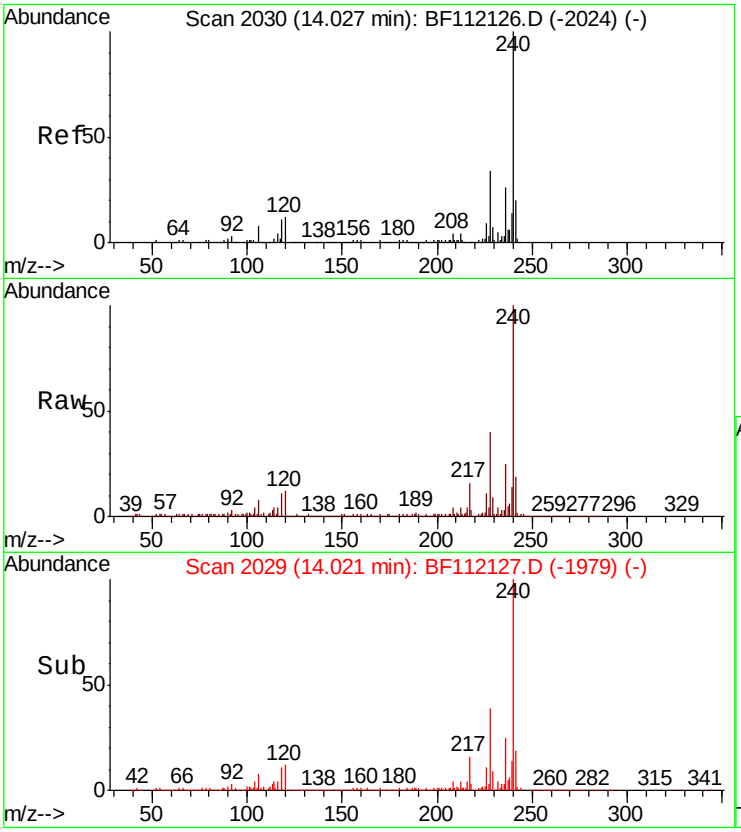


#75
Fluoranthene
Concen: 45.782 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:202 Resp: 2239027

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.8
203	19.0	0.0	38.4



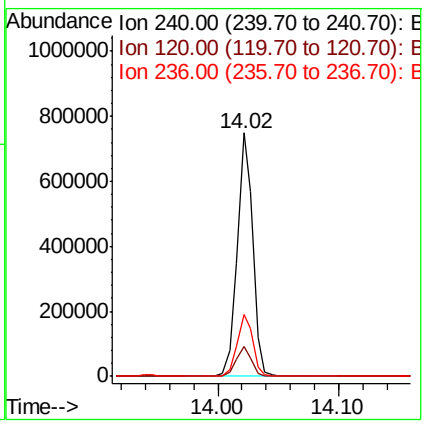


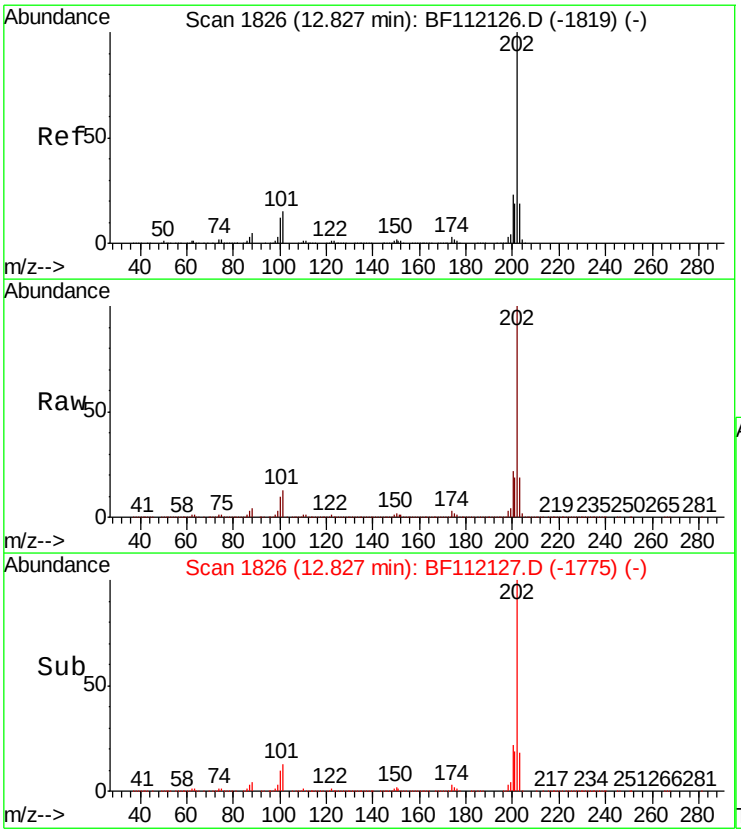
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 670571

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.6
236	25.3	20.7	31.1

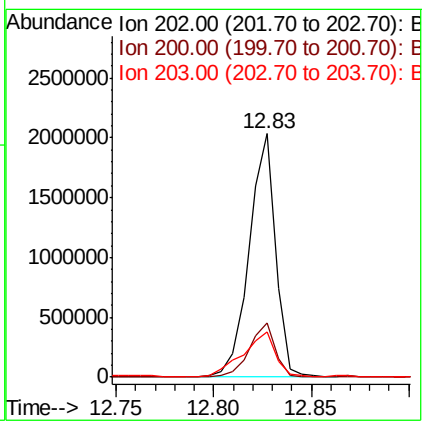


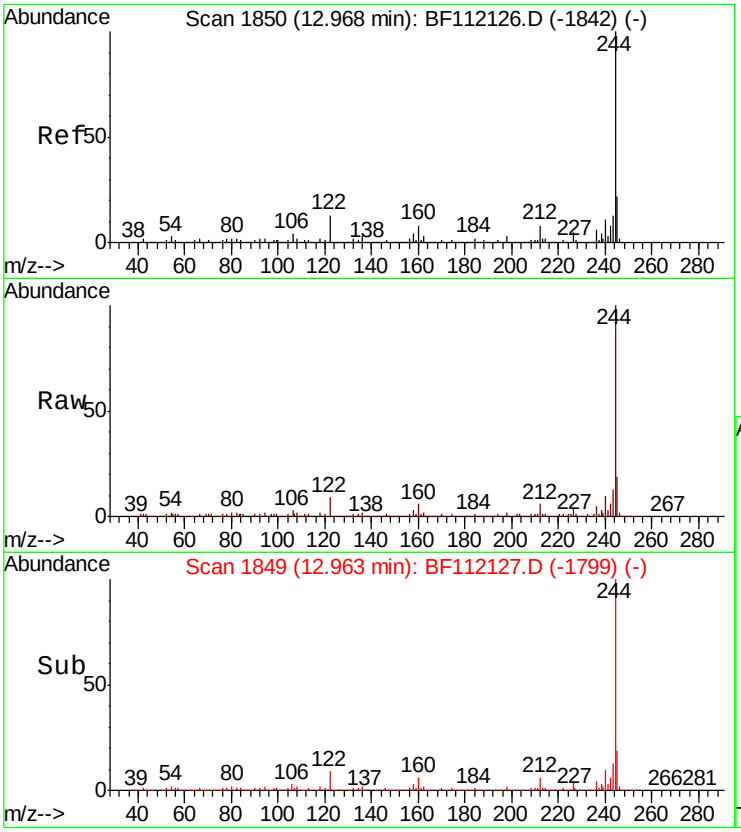


#78
Pyrene
Concen: 42.946 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:202 Resp: 1899976

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.5	14.6	22.0



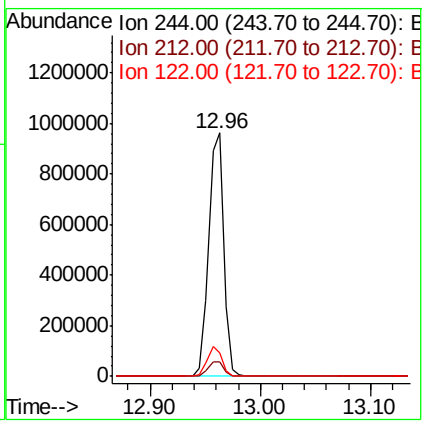


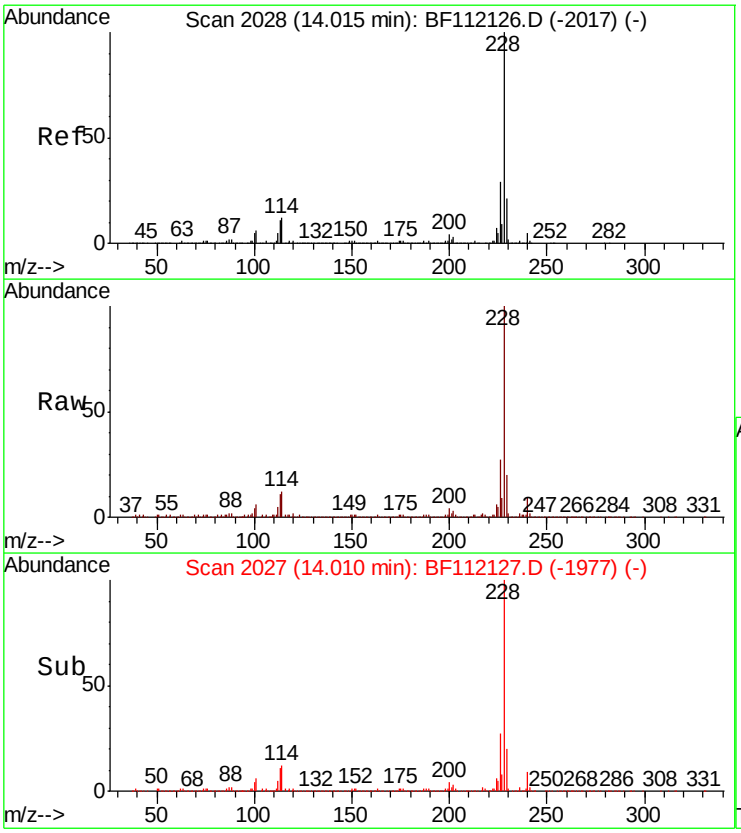
#79
Terphenyl-d14
Concen: 28.038 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 883797

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.9	8.9
122	9.4	9.8	14.6#

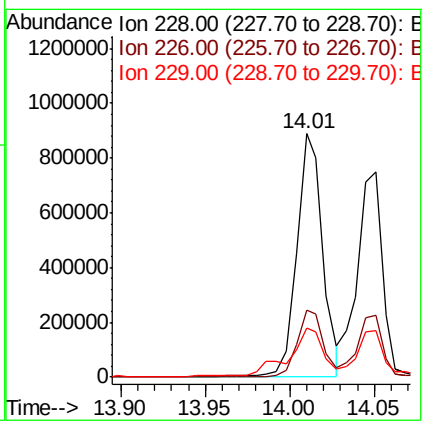


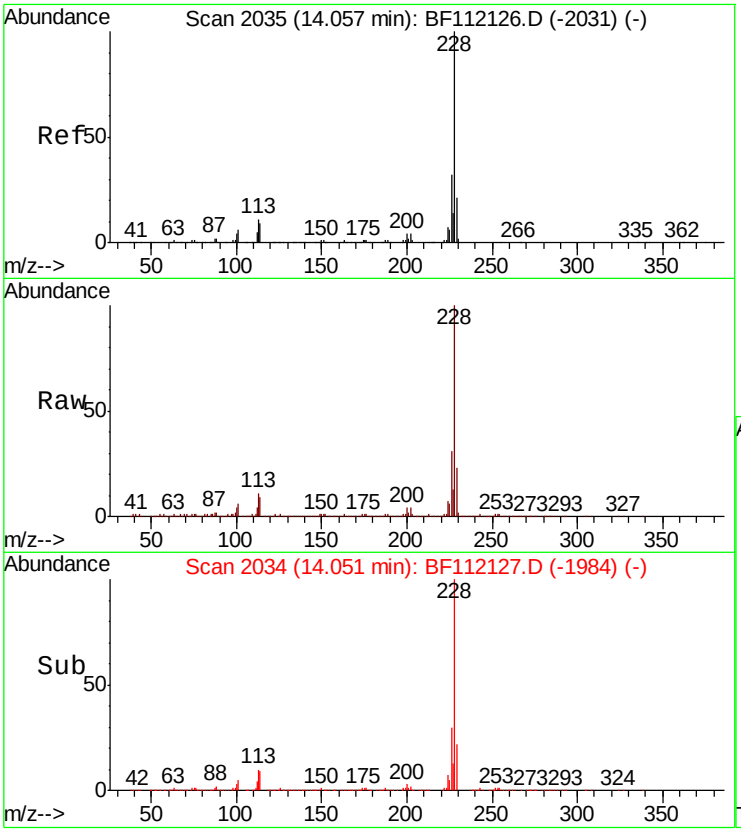


#81
Benzo(a)anthracene
Concen: 24.594 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:228 Resp: 945605

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.2	16.5	24.7



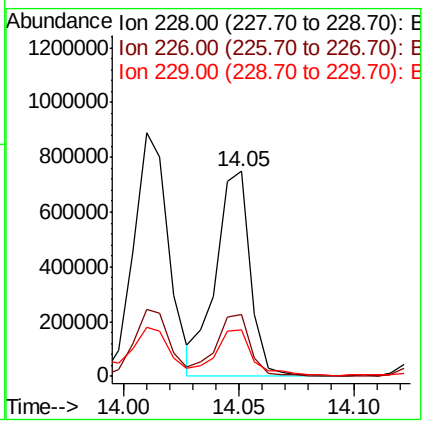


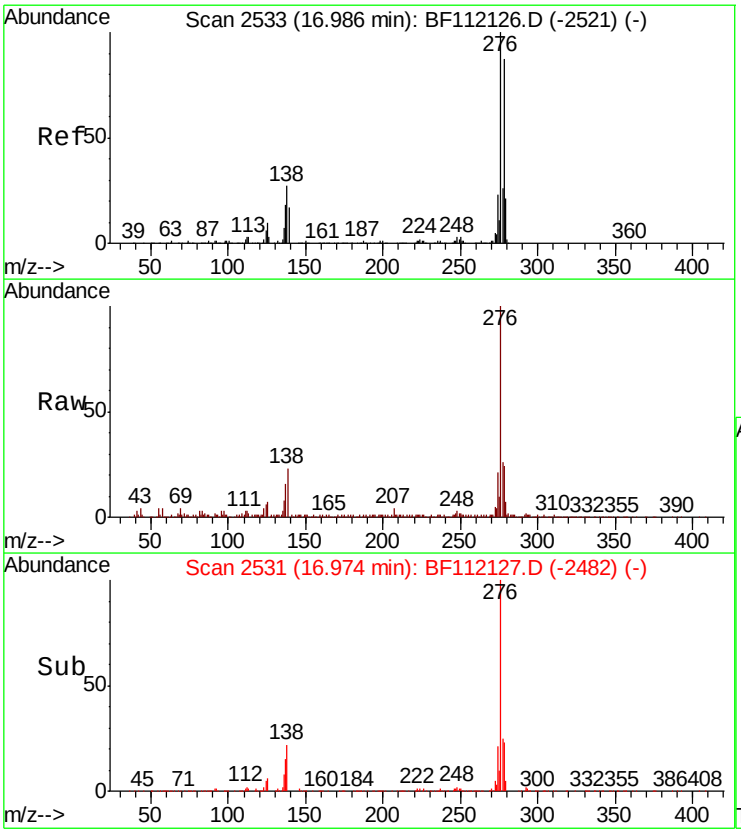
#83
Chrysene
Concen: 21.217 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 771886

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.7	16.6	24.8

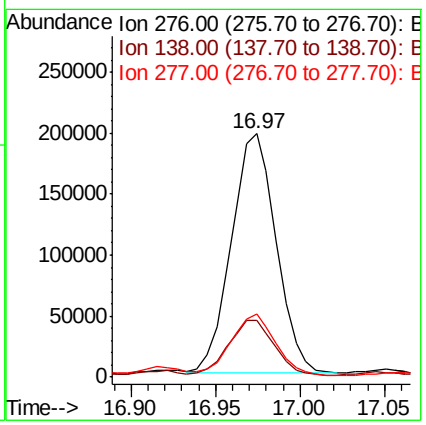


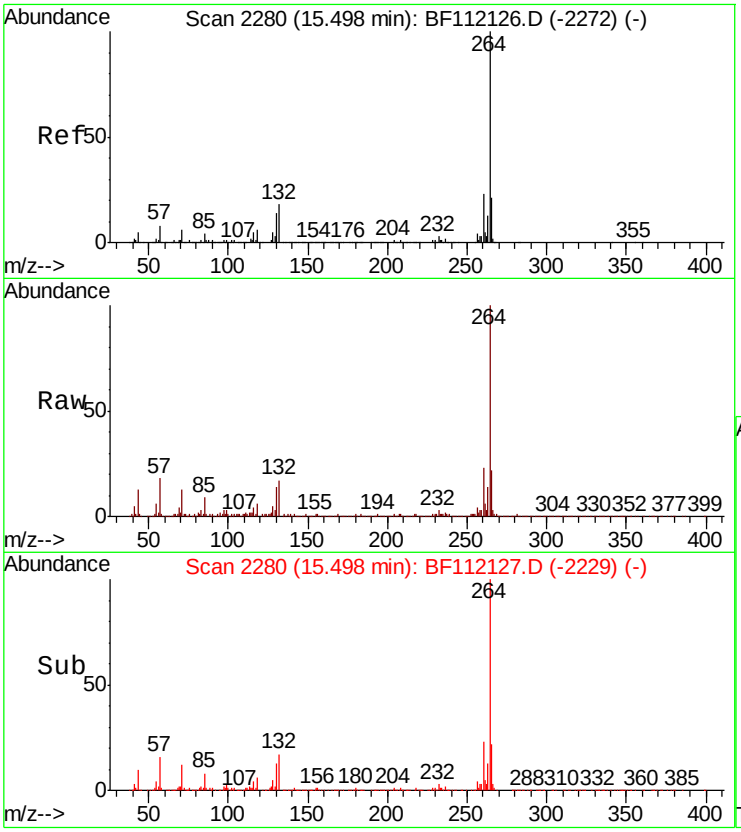


#86
Indeno(1,2,3-cd)pyrene
Concen: 10.806 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:276 Resp: 362685

Ion	Ratio	Lower	Upper
276	100		
138	23.6	22.6	34.0
277	25.5	20.3	30.5



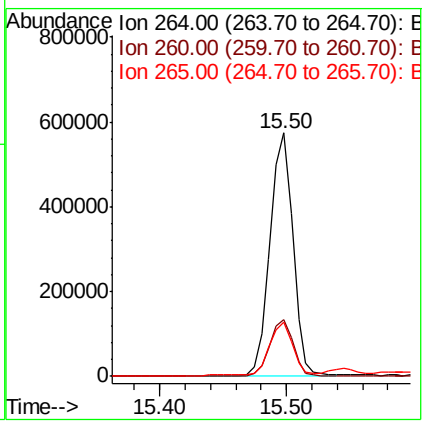


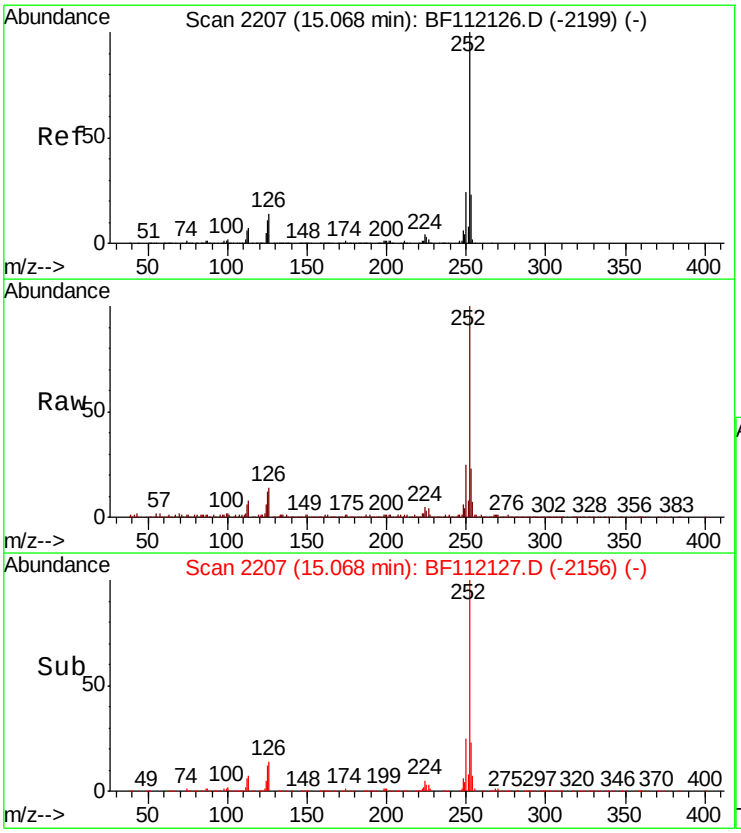
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 720607

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.2	17.0	25.4

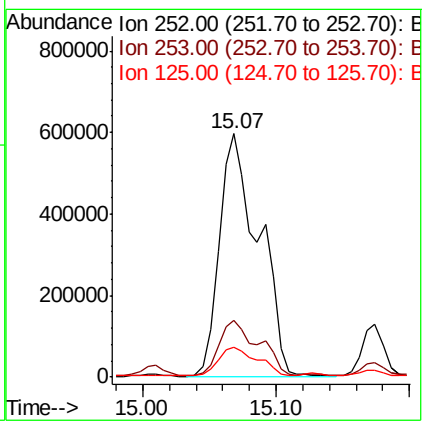


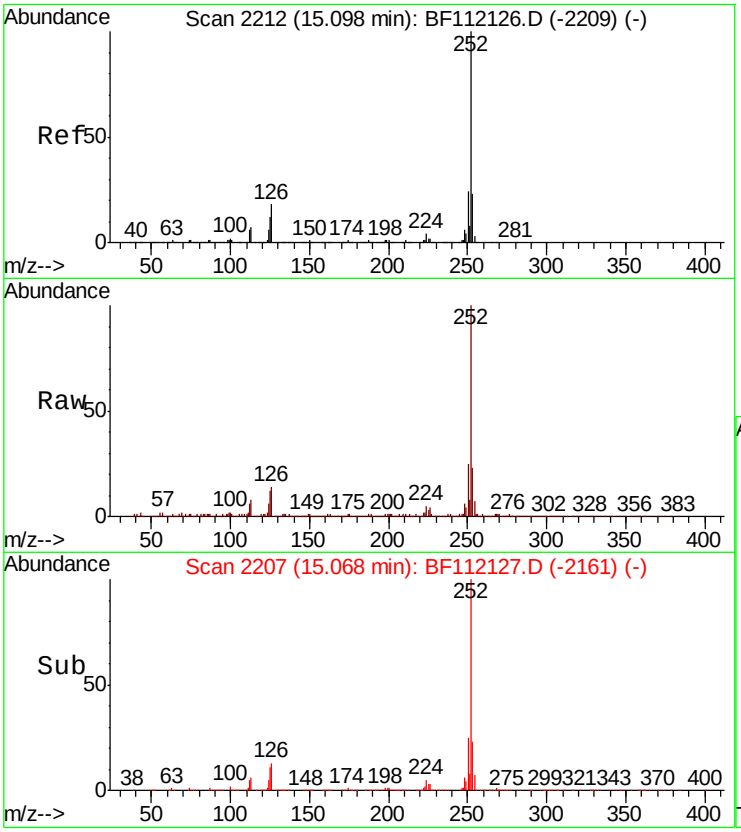


#88
Benzo(b)fluoranthene
Concen: 29.824 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:252 Resp: 1219941

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.1	8.7	13.1



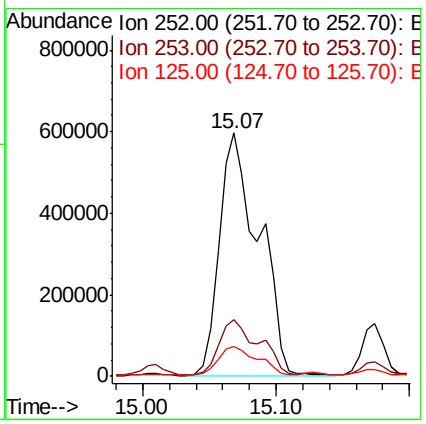


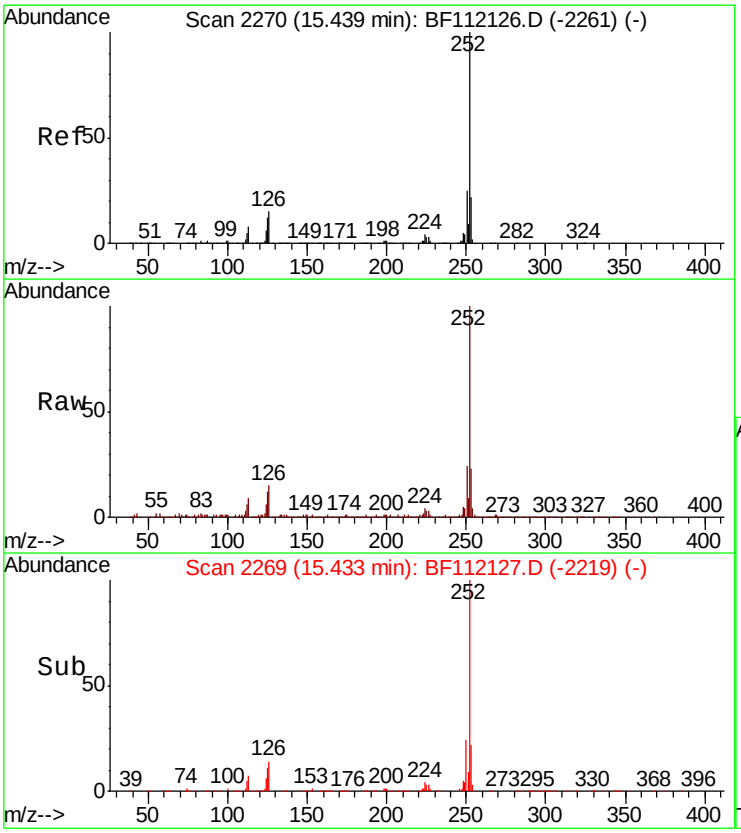
#89
Benzo(k)fluoranthene
Concen: 30.814 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 1219941

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.1	9.1	13.7

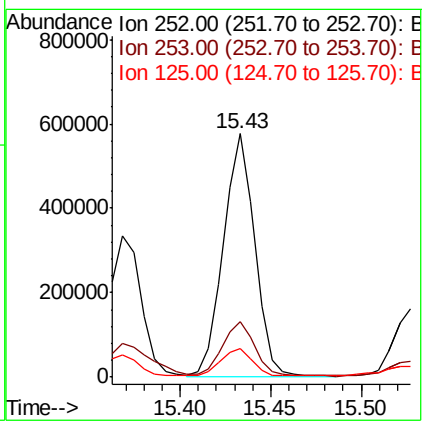


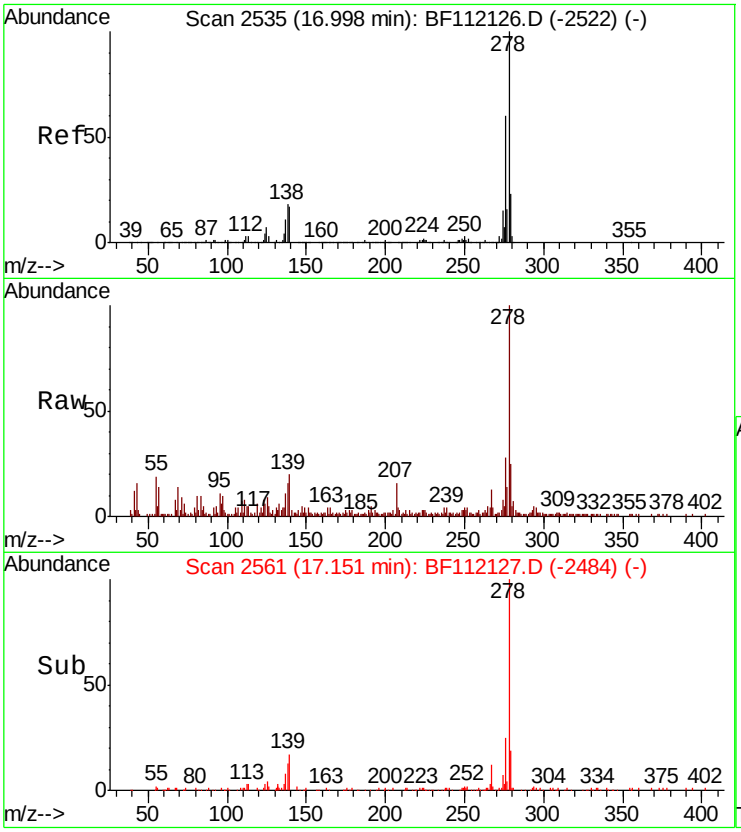


#90
Benzo(a)pyrene
Concen: 18.439 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:252 Resp: 691696

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.7	9.0	13.4



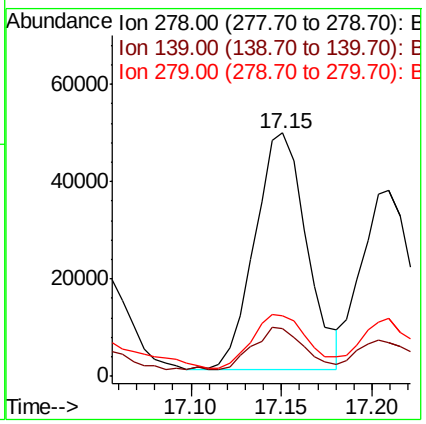


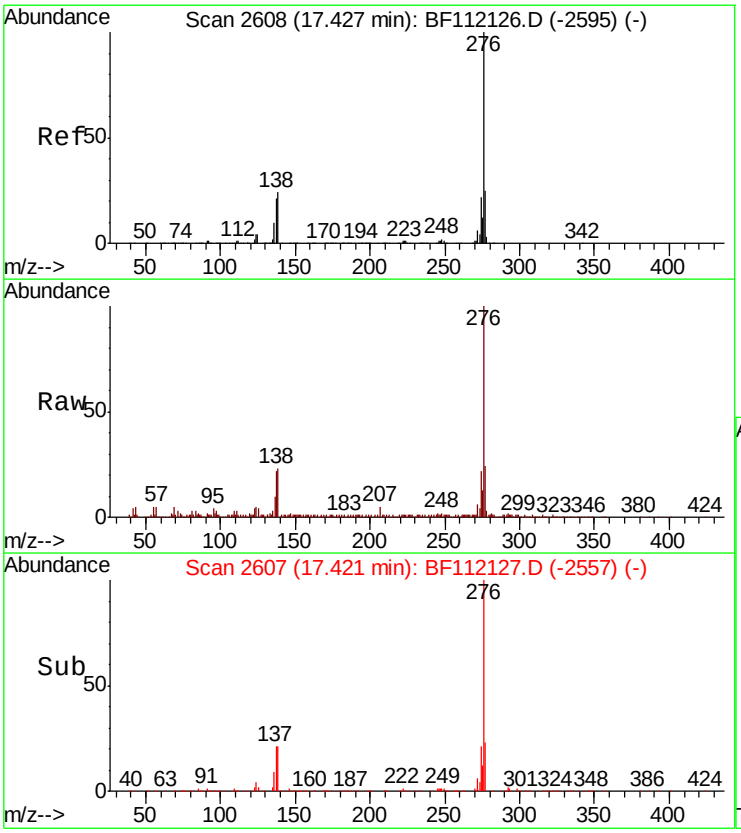
#91
Dibenzo(a,h)anthracene
Concen: 2.937 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.15 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:278 Resp: 97838

Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.7	20.5
279	24.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.559 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:276 Resp: 313748

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	22.7	19.1	28.7