Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112811.D
Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
Sample : K1675-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-3-2-B

Quant Time: Mar 01 21:59:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	158993	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	564234	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	232099	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	438504	20.00	ng		0.00
76) Chrysene-d12	13.88	240	434175	20.00	ng		0.00
87) Perylene-d12	15.29	264	338592	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	944407	92.40	ng		0.01
7) Phenol-d6	6.37	99	1176735	91.65	ng		0.00
23) Nitrobenzene-d5	7.30	82	681887	72.32	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	285331	115.80	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1142916	80.44	ng		0.00
79) Terphenyl-d14	12.83	244	1198768	53.52	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	89938	11.060	ng	#	77
25) Isophorone	7.30	82	681876	33.567	ng	#	66
50) Dimethylphthalate	9.49	163	83192	4.861	ng		98
51) 2,6-Dinitrotoluene	9.77	165	30302	8.503	ng	#	18
56) 4-Nitrophenol	9.97	139	8260	2.340	ng	#	9
57) 2,4-Dinitrotoluene	9.77	165	30302	6.840	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.56	198	393	4.810	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	16275	3.524	ng	#	1
71) Phenanthrene	11.27	178	625633	28.676	ng		99
72) Anthracene	11.32	178	117621	5.150	ng		97
73) Carbazole	11.47	167	70808	3.178	ng		99
75) Fluoranthene	12.46	202	981915	42.008	ng		98
78) Pyrene	12.69	202	868084	23.717	ng		99
81) Benzo(a)anthracene	13.87	228	461200	15.327	ng		99
83) Chrysene	13.90	228	462710	15.698	ng		98
88) Benzo(b)fluoranthene	14.89	252	626460	28.604	ng		98
89) Benzo(k)fluoranthene	14.89	252	626460	31.579	ng		99
90) Benzo(a)pyrene	15.23	252	284878	14.706	ng		97
91) Dibenzo(a,h)anthracene	16.65	278	48700	2.946	ng		92
92) Benzo(g,h,i)perylene	17.05	276	157596	9.494	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
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Acq On : 1 Mar 2019 20:26
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

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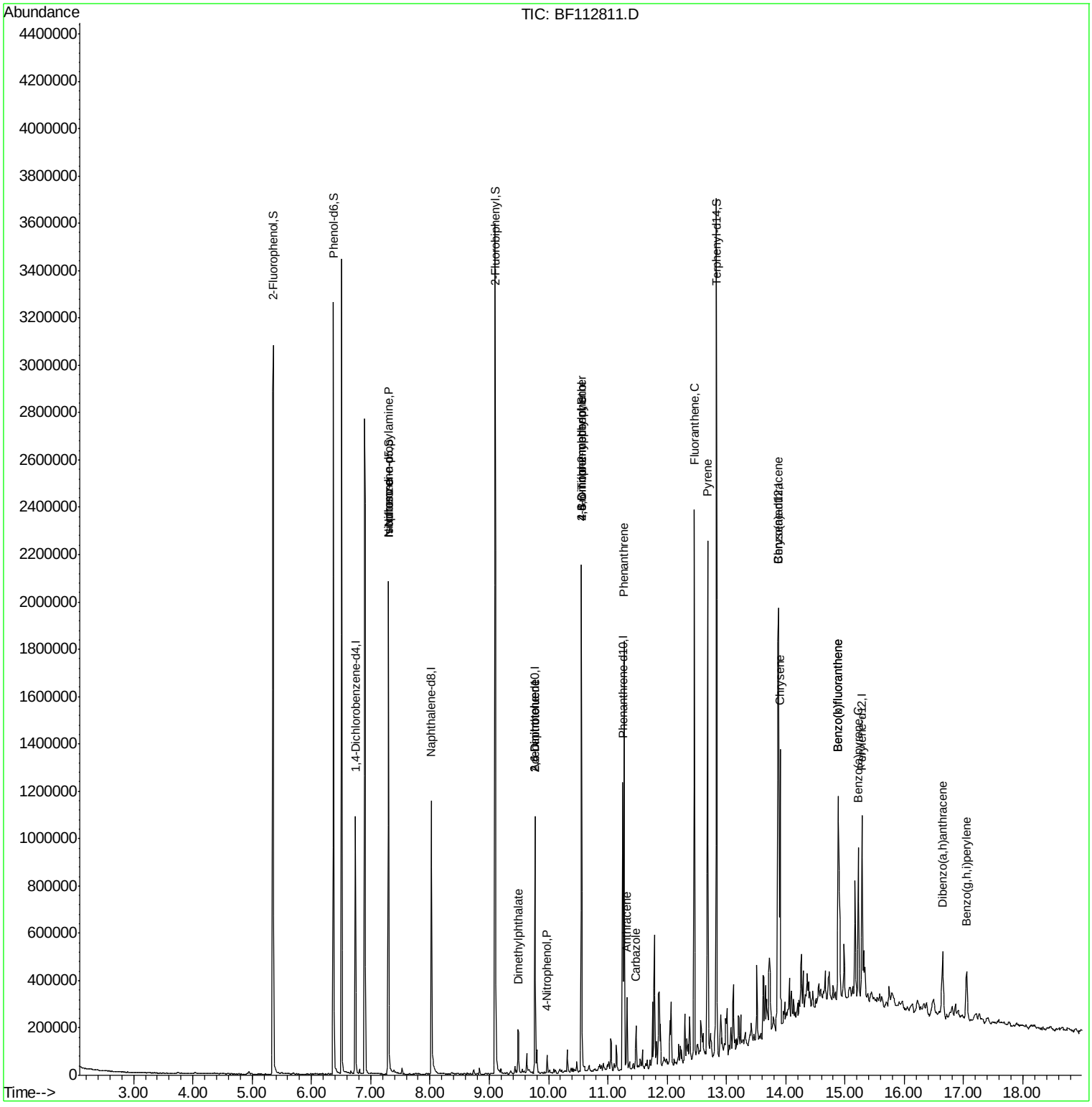
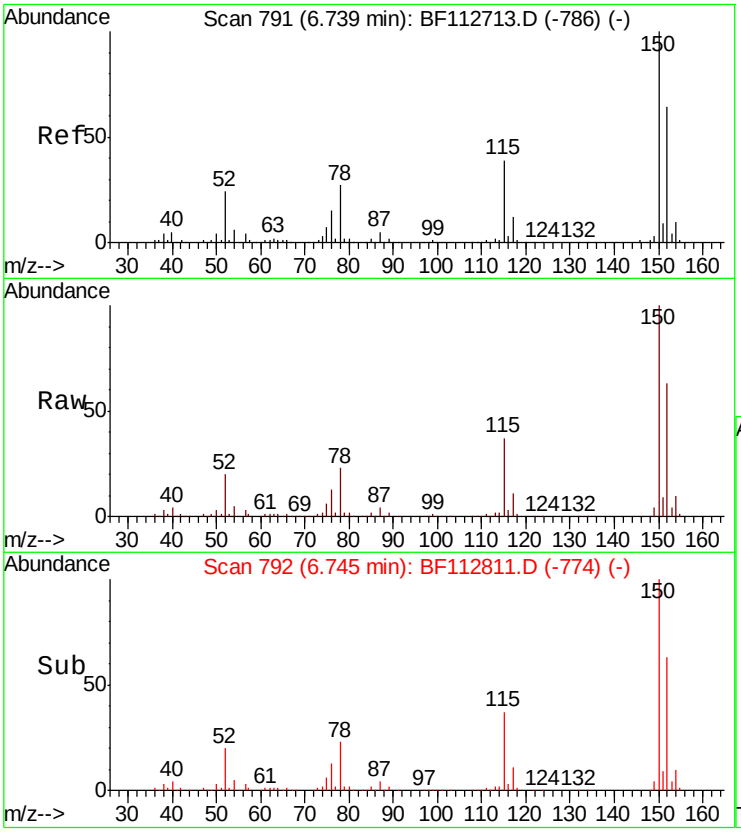


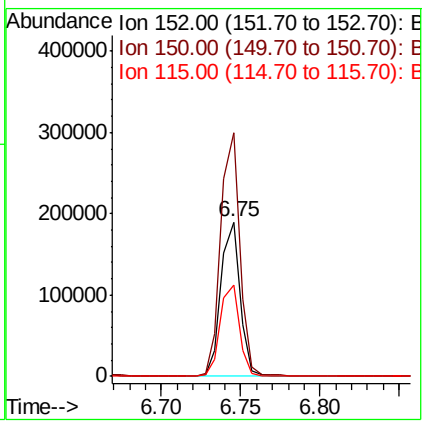


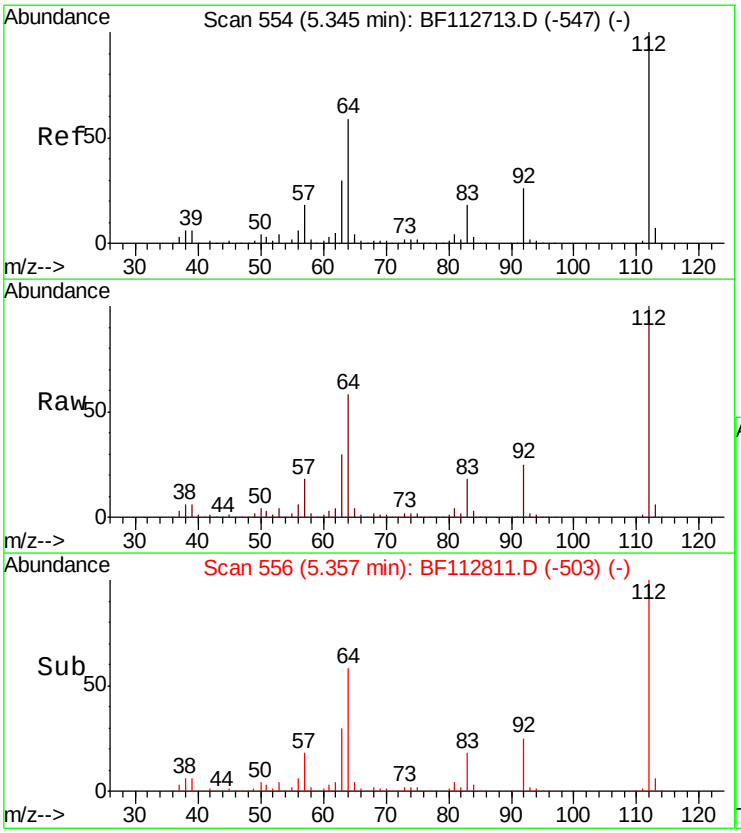
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:152 Resp: 158993

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	58.9	48.2	72.4

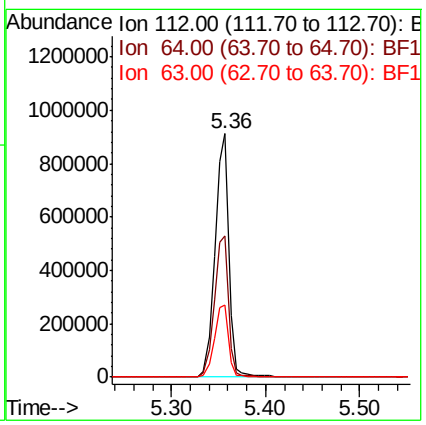


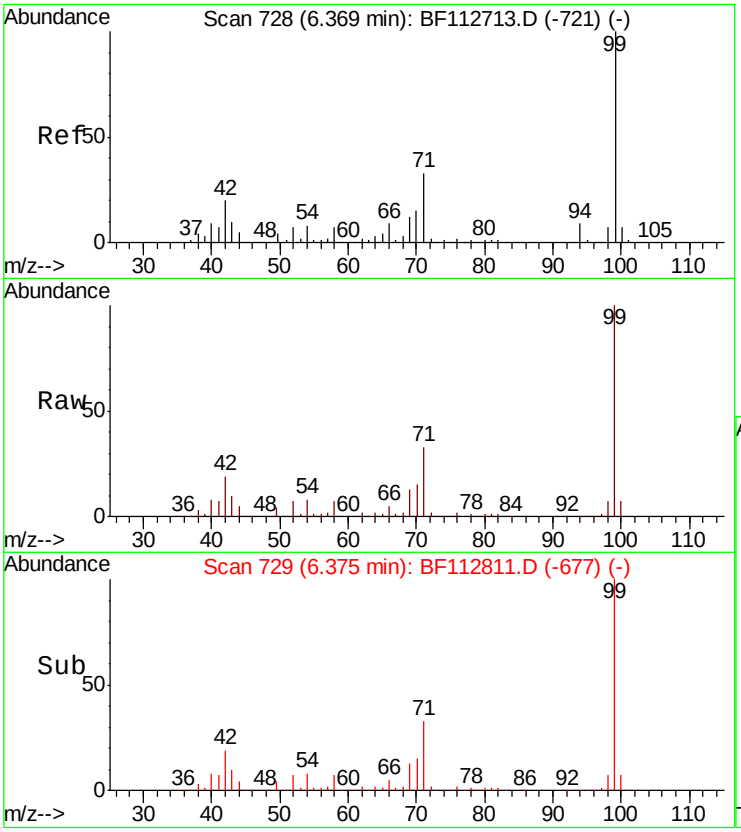


#5
2-Fluorophenol
Concen: 92.398 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:112 Resp: 944407

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.6	71.4
63	29.6	24.4	36.6



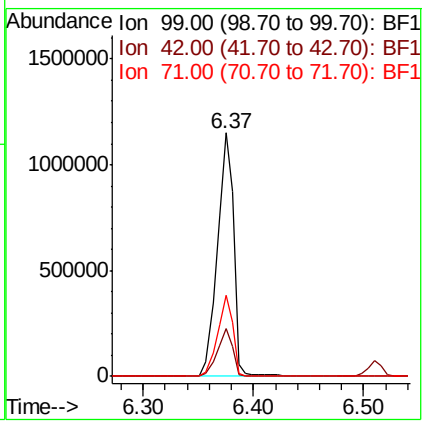


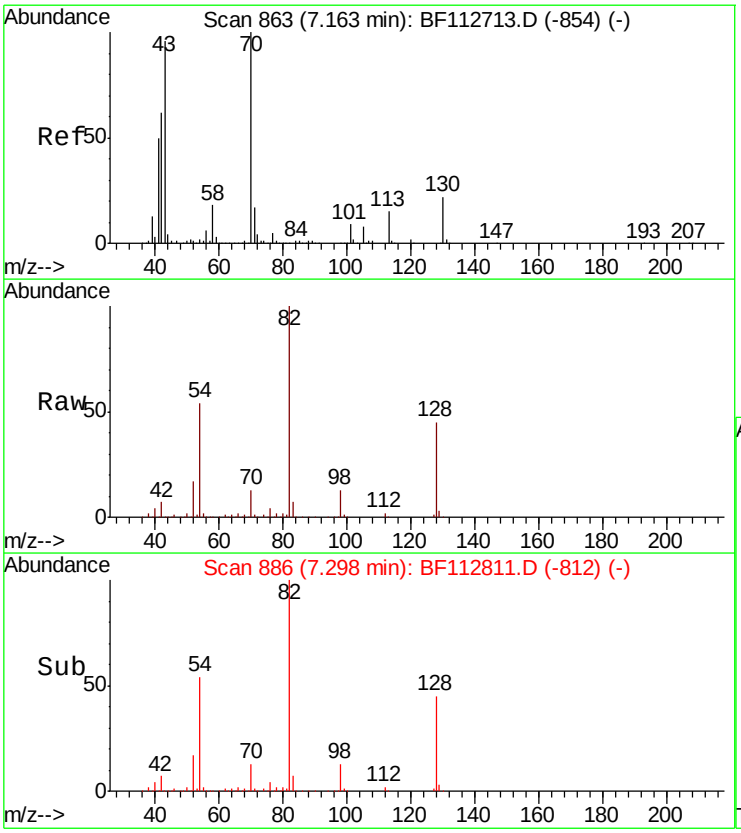
#7
Phenol-d6
Concen: 91.651 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion: 99 Resp: 1176735

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.3	24.5
71	33.5	26.2	39.4

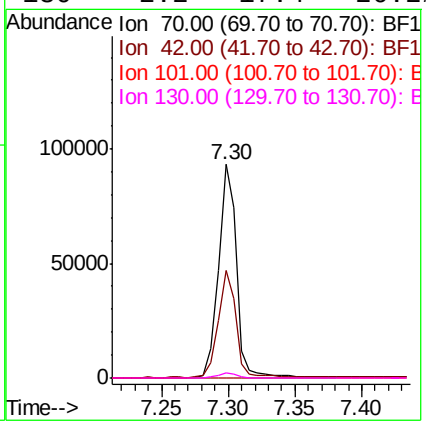


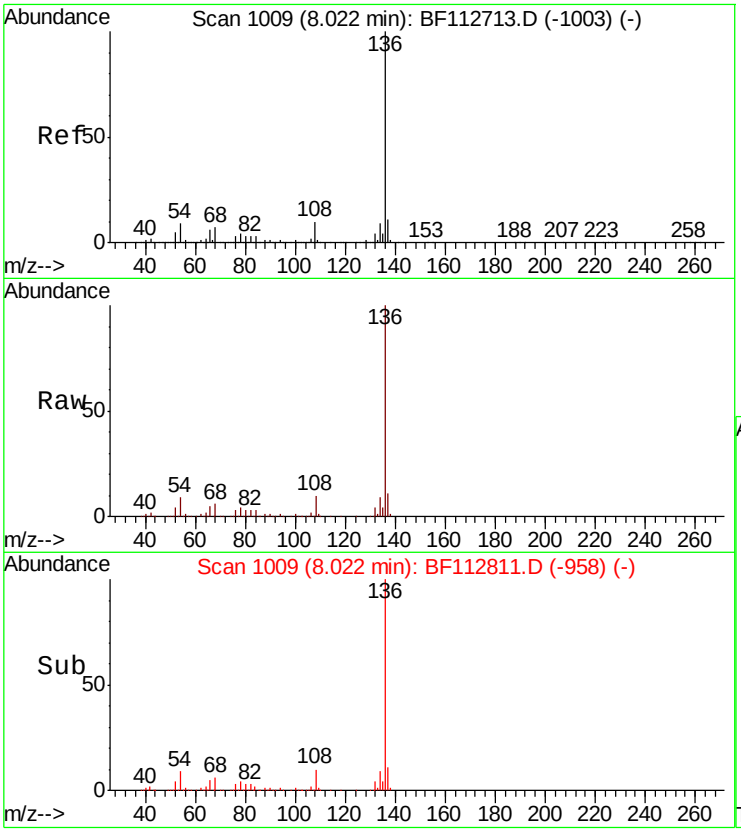


#19
n-Nitroso-di-n-propylamine
Concen: 11.060 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion: 70 Resp: 89938

Ion	Ratio	Lower	Upper
70	100		
42	50.3	49.9	74.9
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



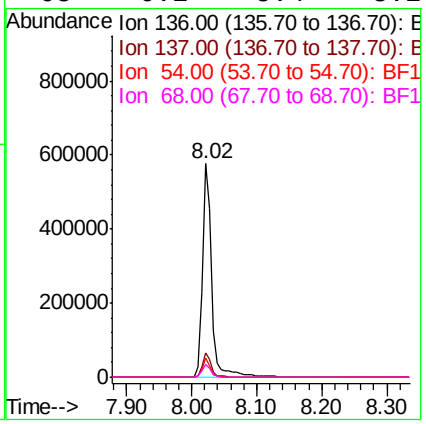


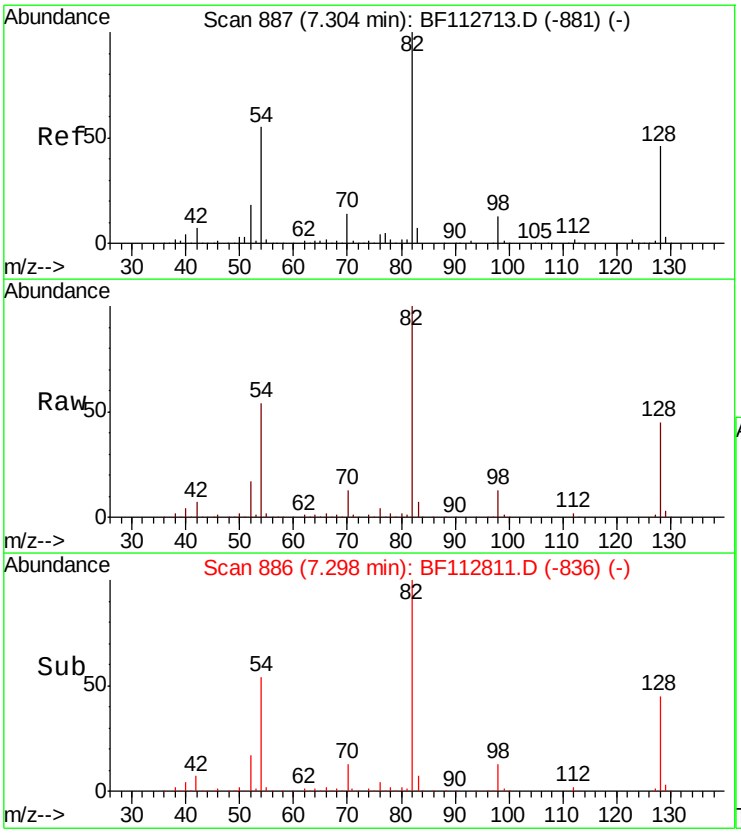
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:136 Resp: 564234

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.3	10.9
68	6.2	5.4	8.2

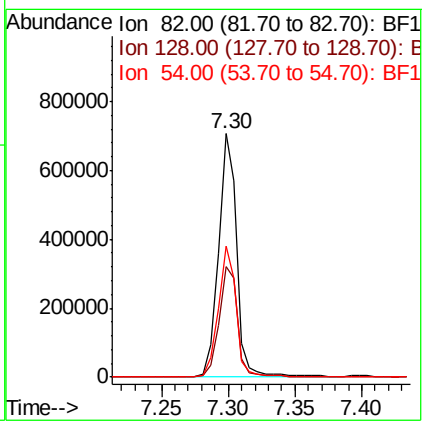


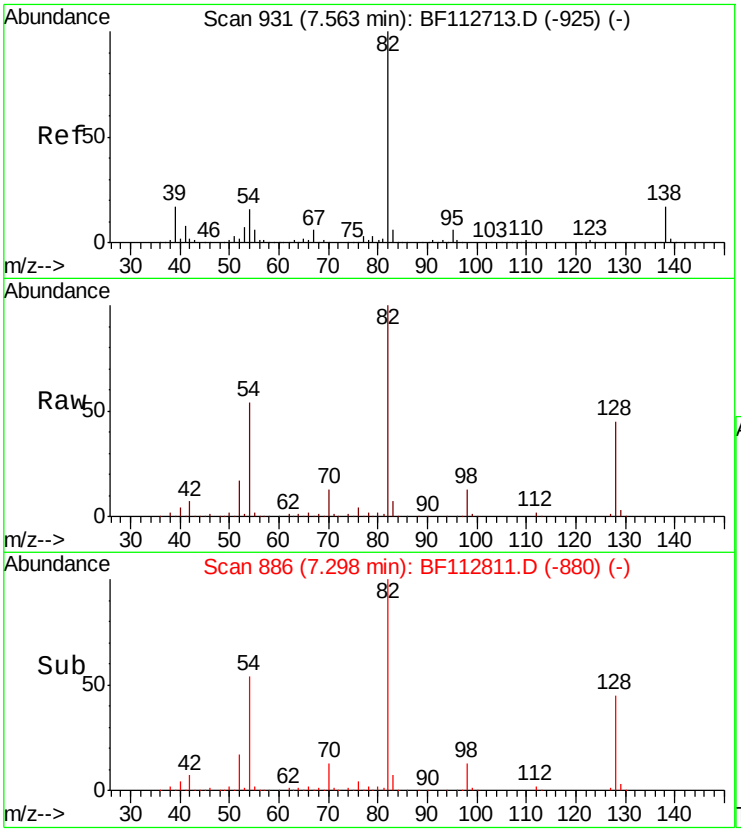


#23
Nitrobenzene-d5
Concen: 72.315 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion: 82 Resp: 681887

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	54.0	43.7	65.5



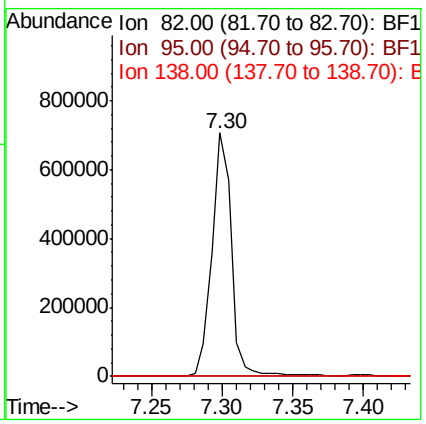


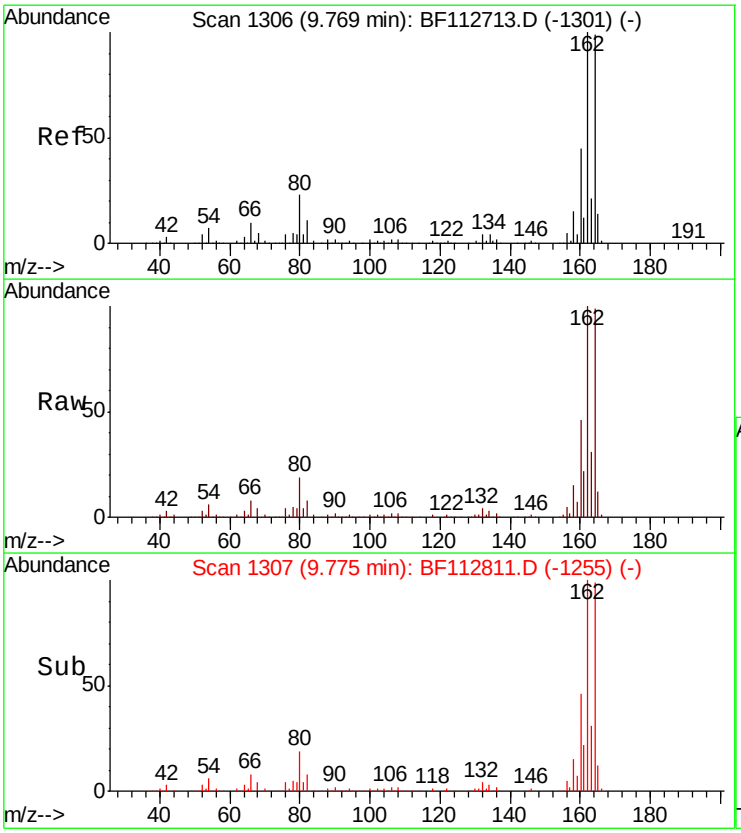
#25
Isophorone
Concen: 33.567 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion: 82 Resp: 681876

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

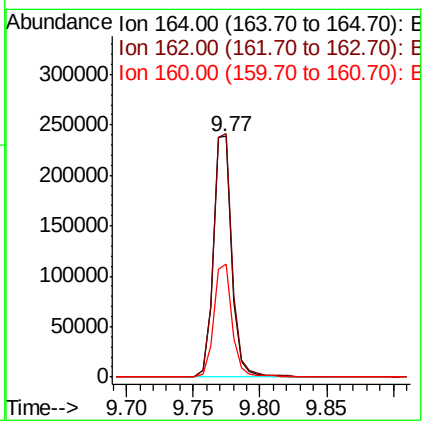


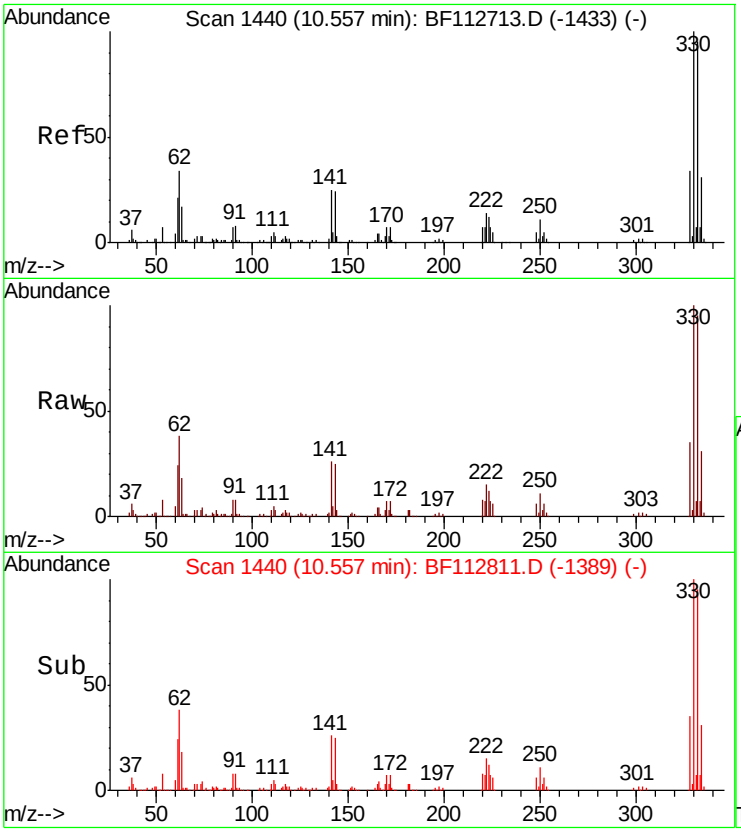


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:164 Resp: 232099

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	46.8	36.0	54.0



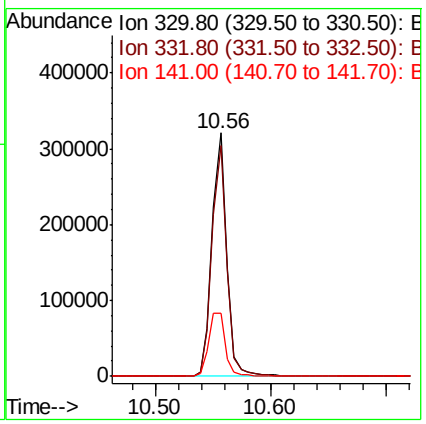


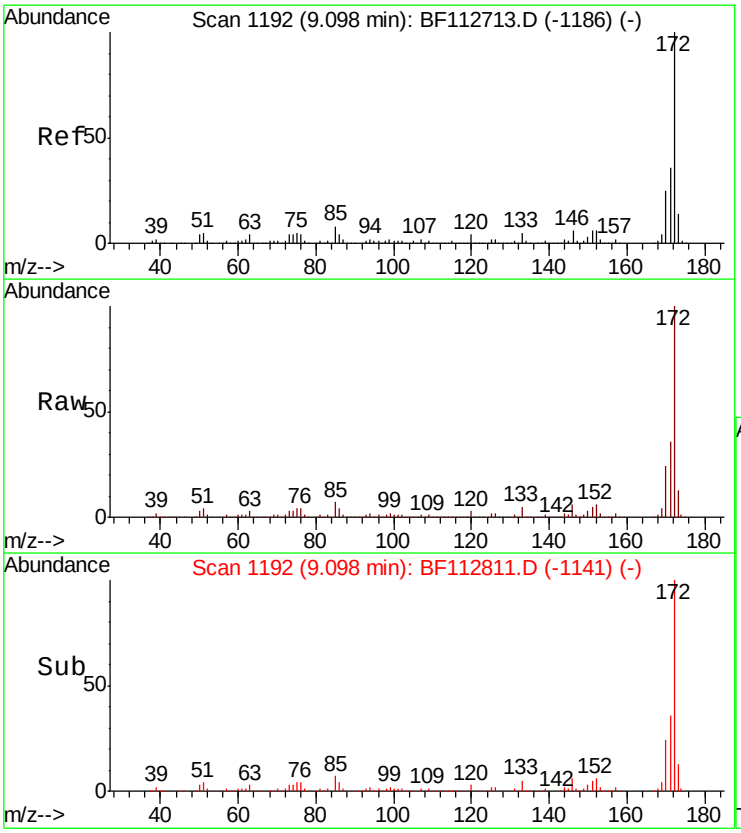
#42
2,4,6-Tribromophenol
Concen: 115.799 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:330 Resp: 285331

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	29.6	27.0	40.6

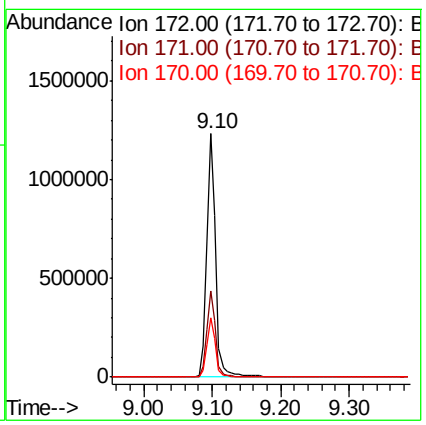


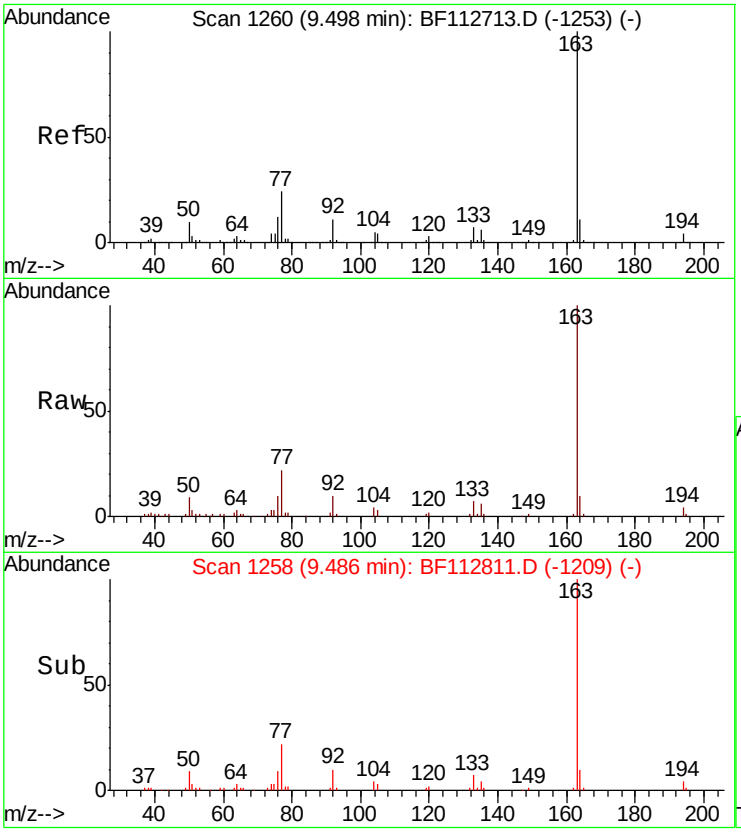


#45
2-Fluorobiphenyl
Concen: 80.437 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:172 Resp: 1142916

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.2	20.0	30.0



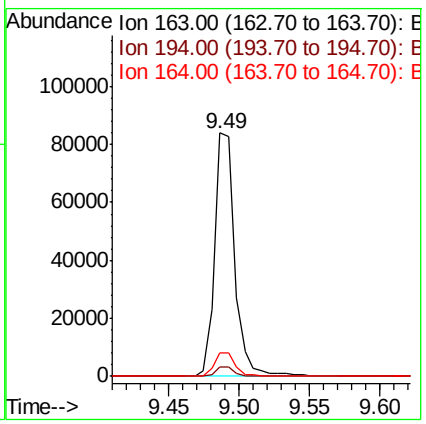


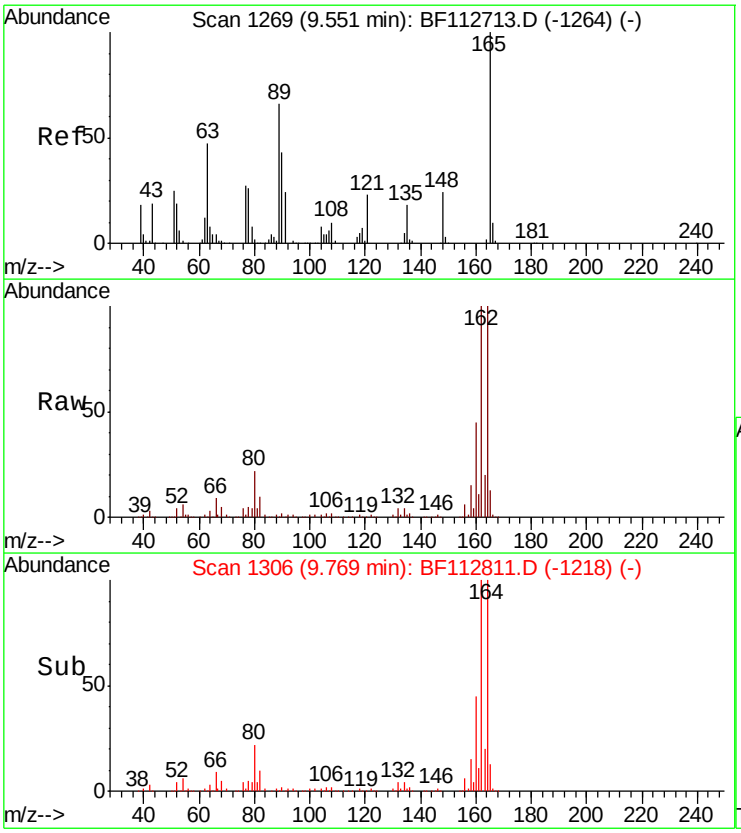
#50
Dimethylphthalate
Concen: 4.861 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:163 Resp: 83192

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.7	8.4	12.6

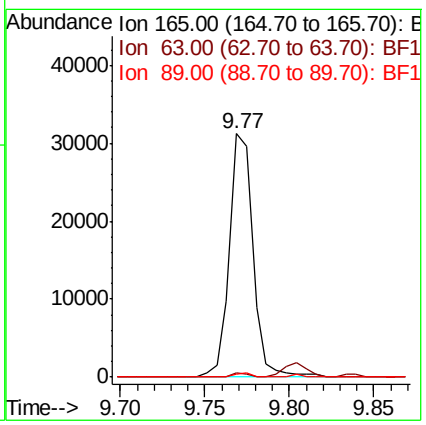


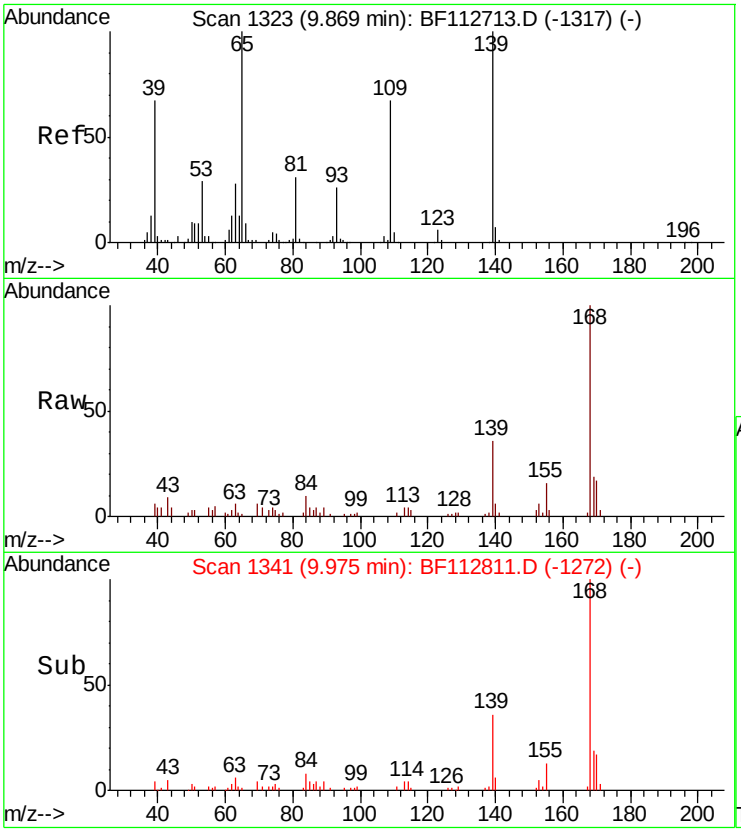


#51
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:165 Resp: 30302

Ion	Ratio	Lower	Upper
165	100		
63	1.9	54.1	81.1#
89	1.1	52.8	79.2#



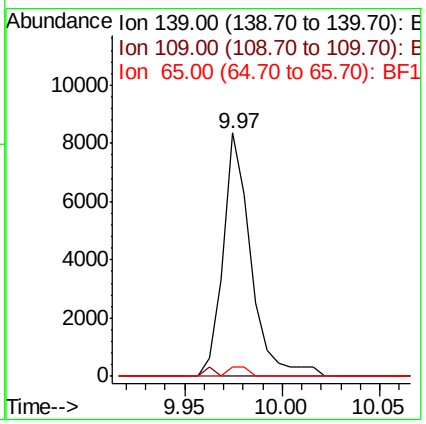


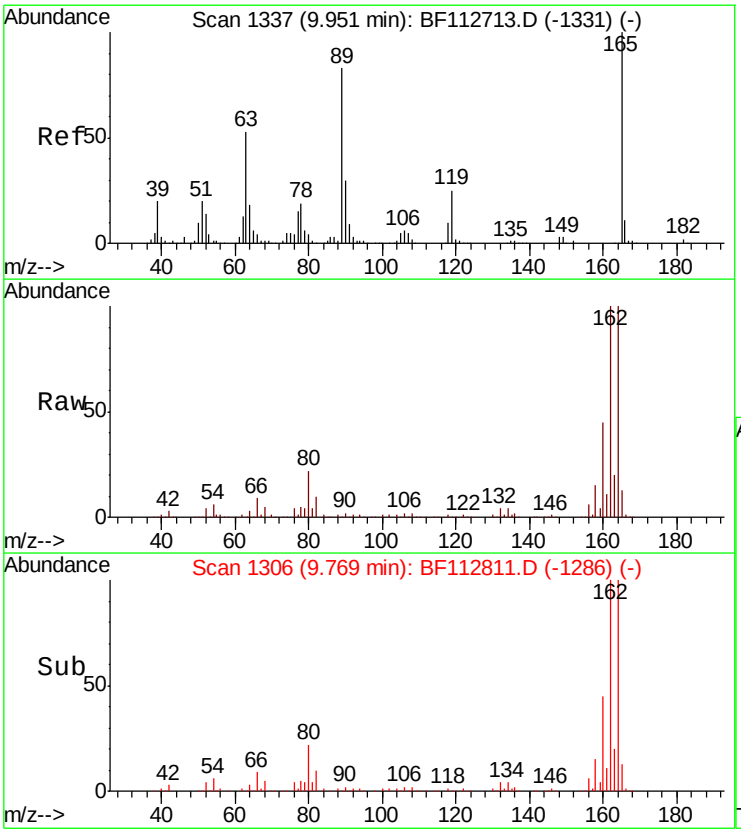
#56
4-Nitrophenol
Concen: 2.340 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.11 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:139 Resp: 8260

Ion	Ratio	Lower	Upper
139	100		
109	0.0	46.8	86.8#
65	4.0	80.7	120.7#

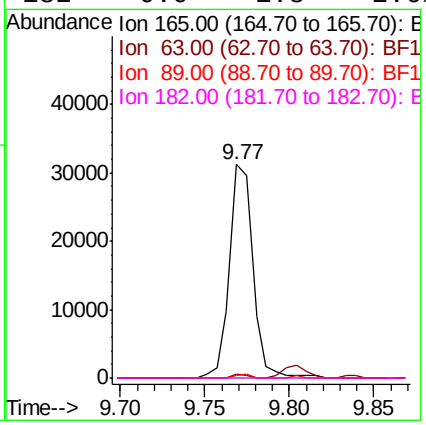


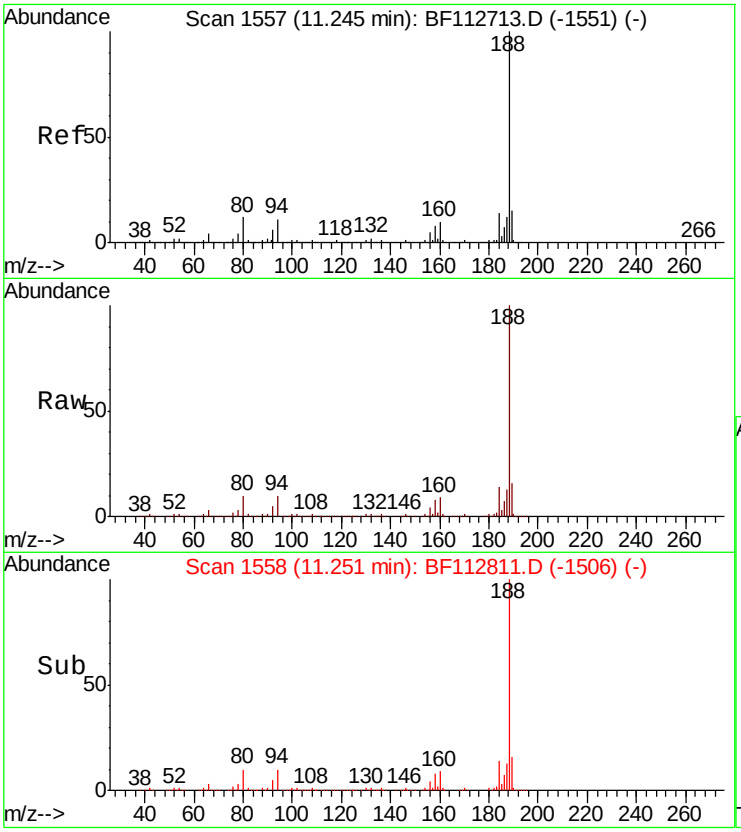


#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:165 Resp: 30302

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



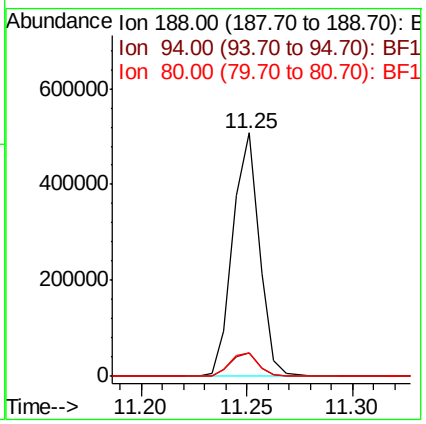


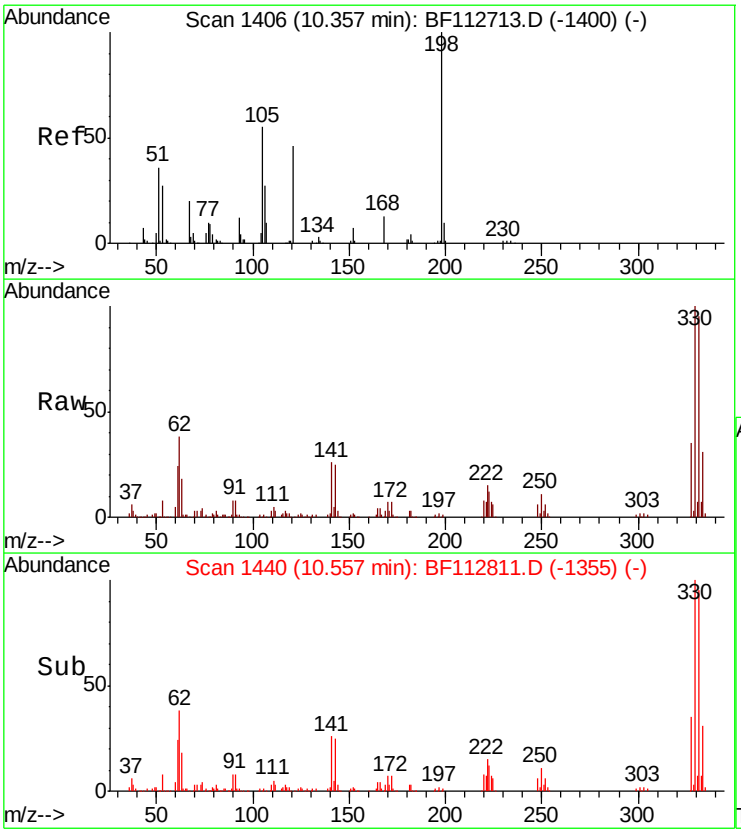
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:188 Resp: 438504

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	9.6	9.2	13.8

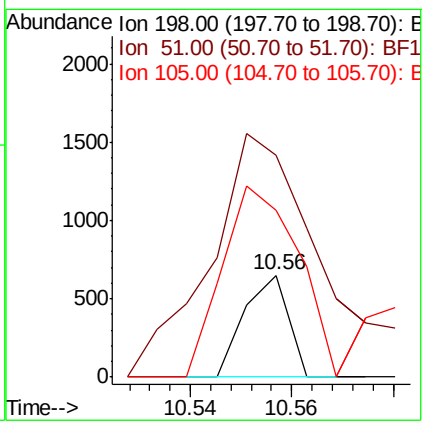


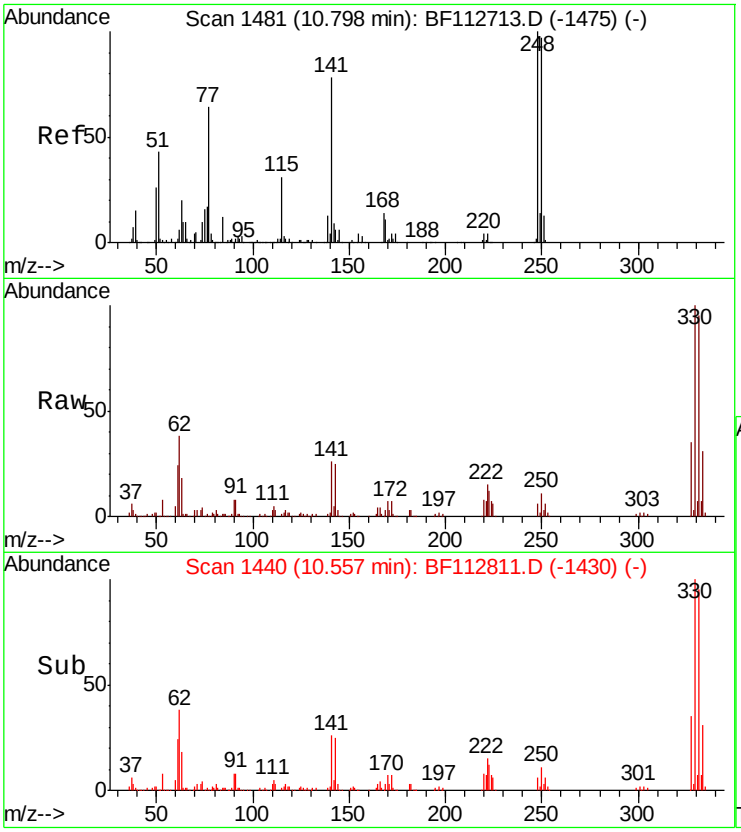


#65
4,6-Dinitro-2-methylphenol
Concen: 4.810 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:198 Resp: 393

Ion	Ratio	Lower	Upper
198	100		
51	217.6	43.8	83.8#
105	163.5	36.5	76.5#



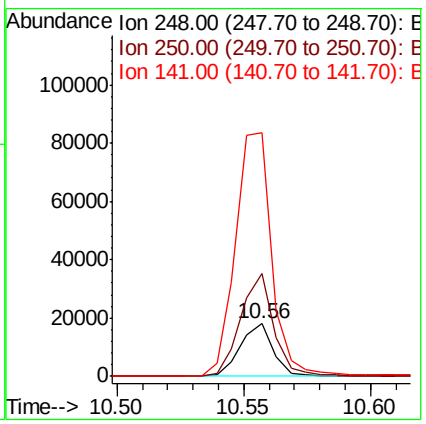


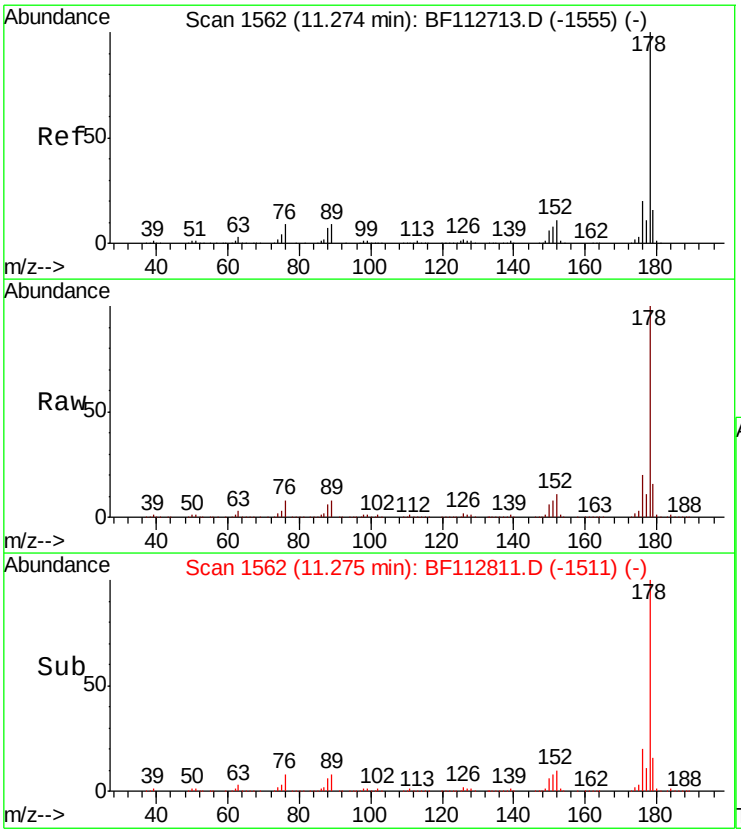
#67
4-Bromophenyl-phenylether
Concen: 3.524 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:248 Resp: 16275

Ion	Ratio	Lower	Upper
248	100		
250	196.0	77.5	116.3#
141	465.7	62.4	93.6#

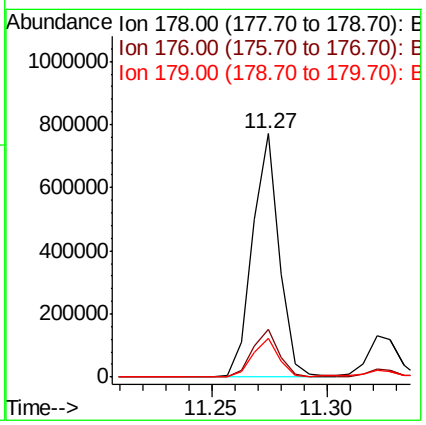


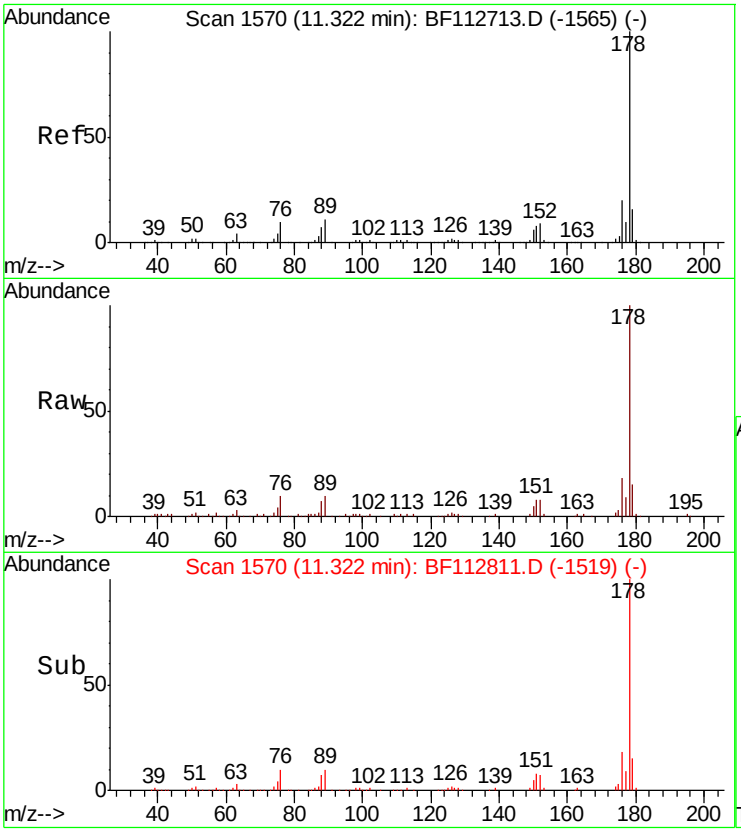


#71
Phenanthrene
Concen: 28.676 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:178 Resp: 625633

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	16.0	12.7	19.1



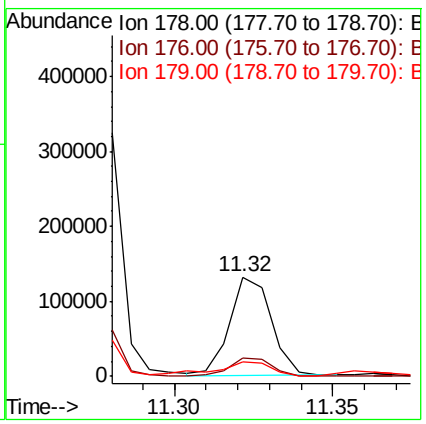


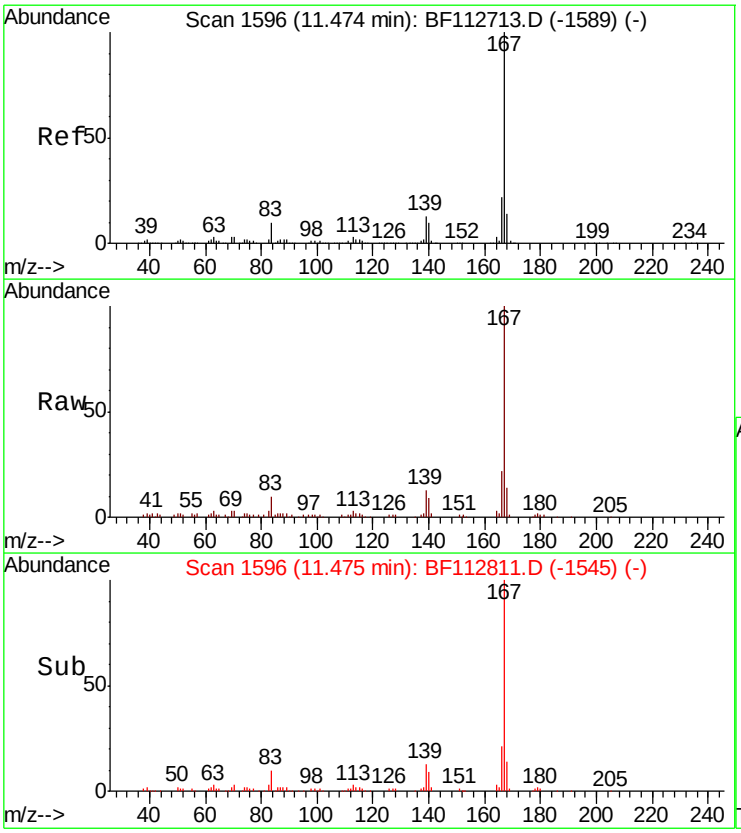
#72
Anthracene
Concen: 5.150 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:178 Resp: 117621

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	15.0	13.0	19.6

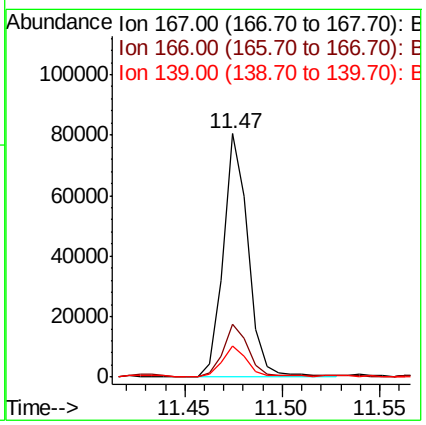


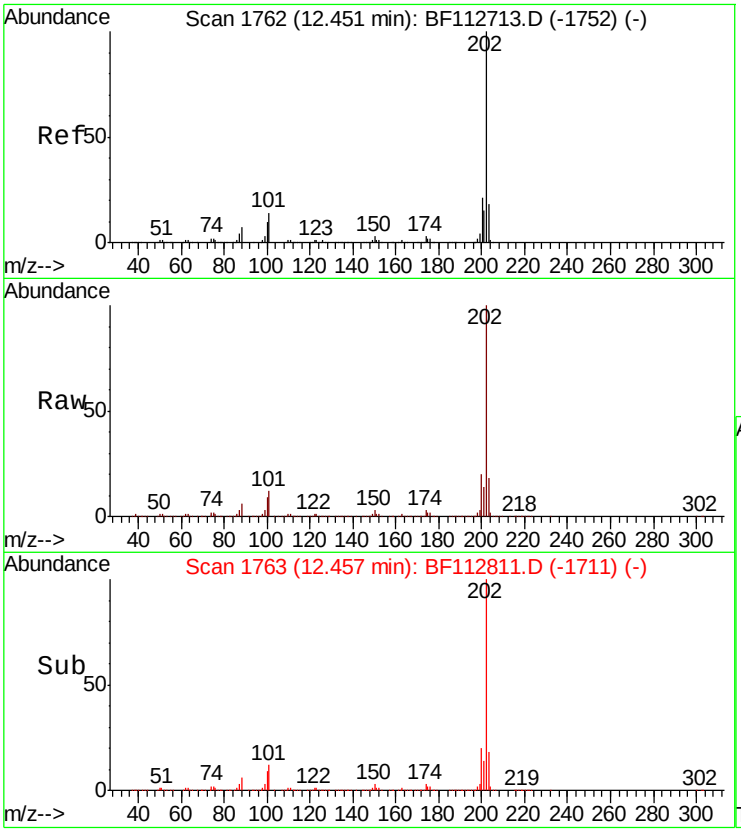


#73
Carbazole
Concen: 3.178 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:167 Resp: 70808

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.8	10.8	16.2



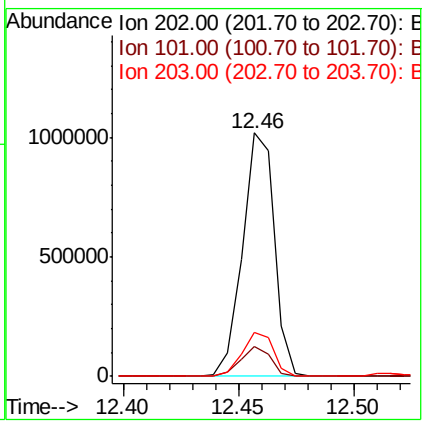


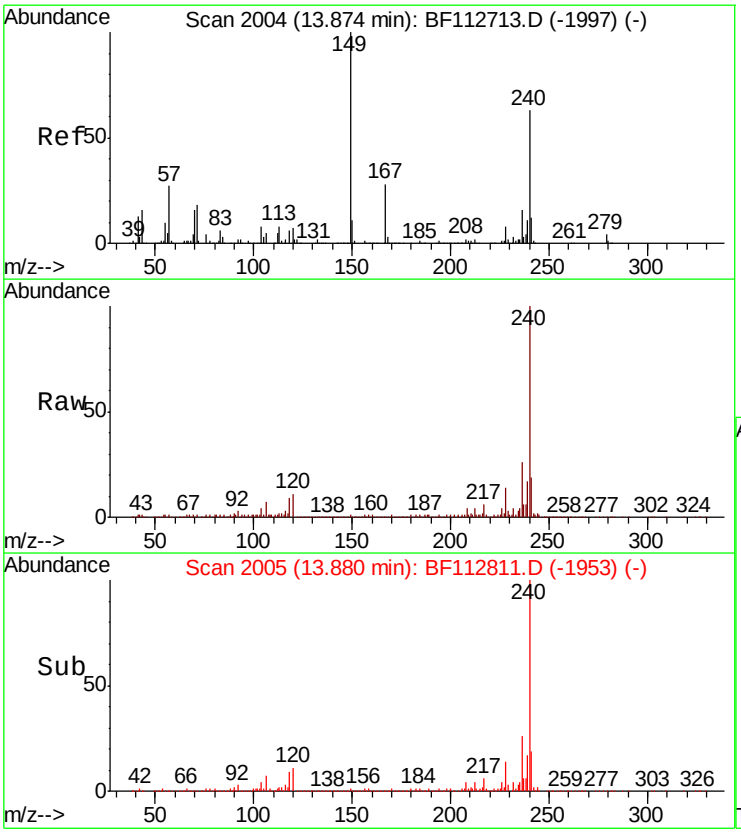
#75
Fluoranthene
Concen: 42.008 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:202 Resp: 981915

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.8
203	17.9	0.0	38.4

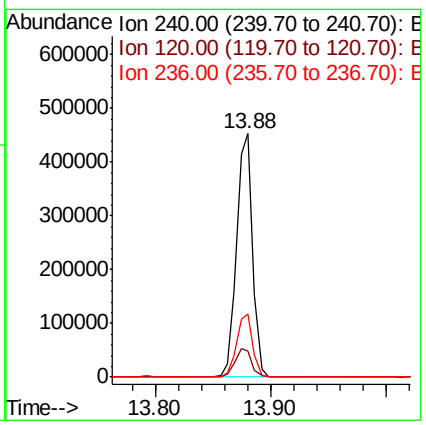


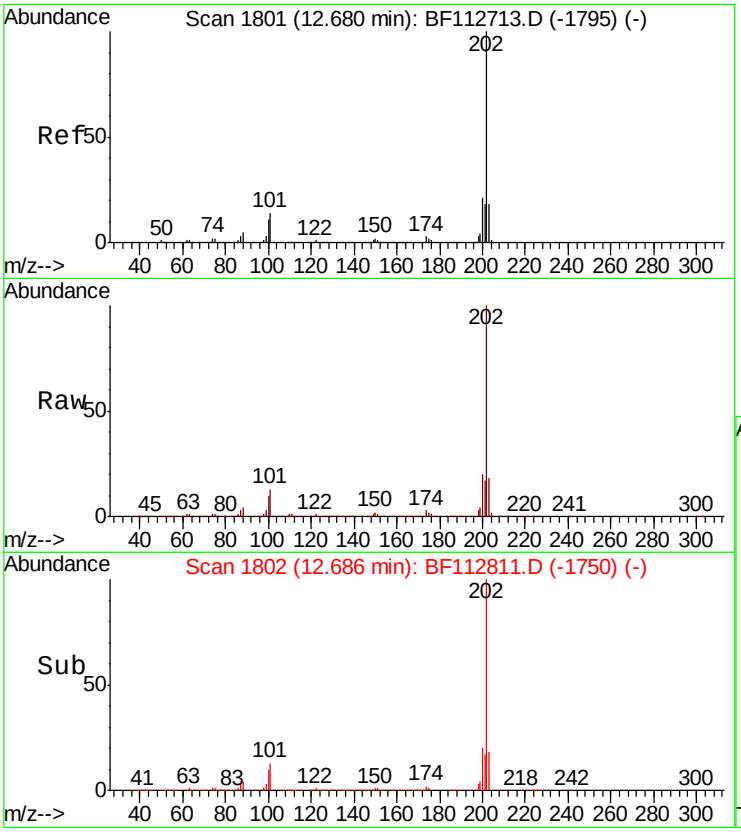


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:240 Resp: 434175

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.2	20.7	31.1



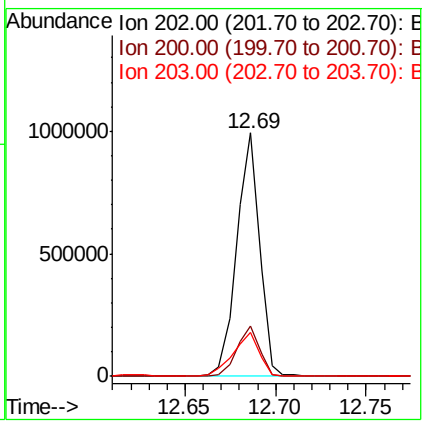


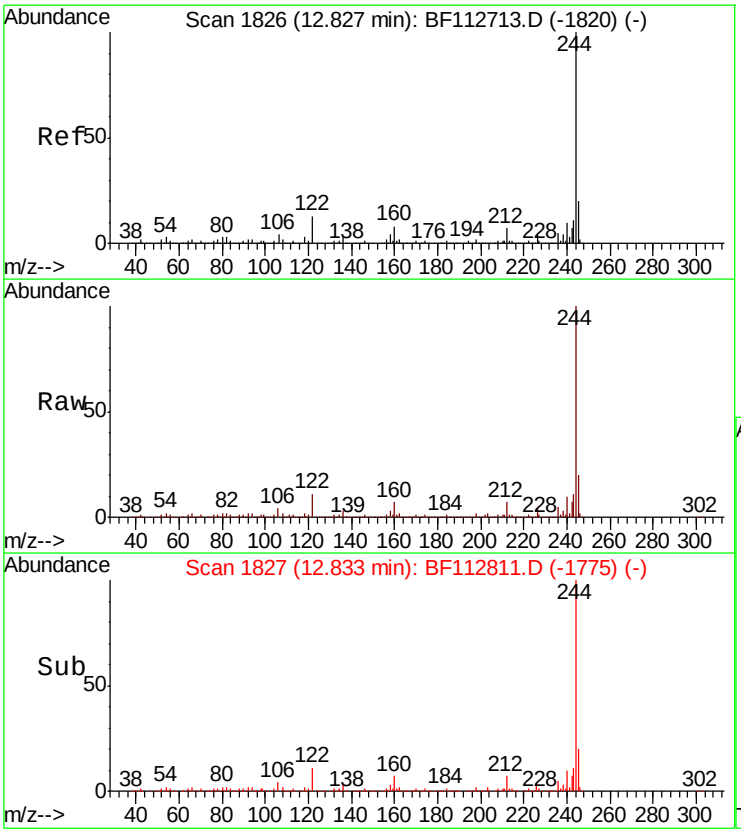
#78
Pyrene
Concen: 23.717 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:202 Resp: 868084

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.0	14.4	21.6

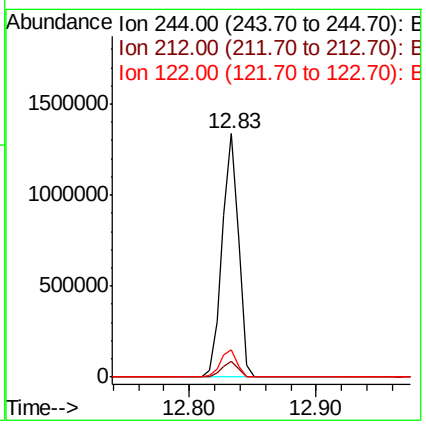


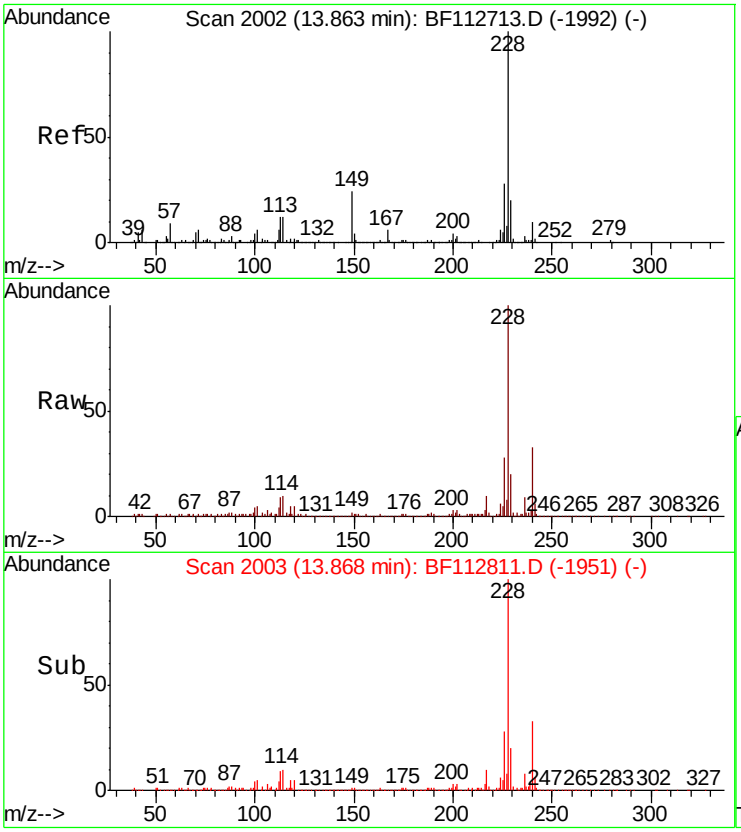


#79
Terphenyl-d14
Concen: 53.522 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:244 Resp: 1198768

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.1	10.5	15.7



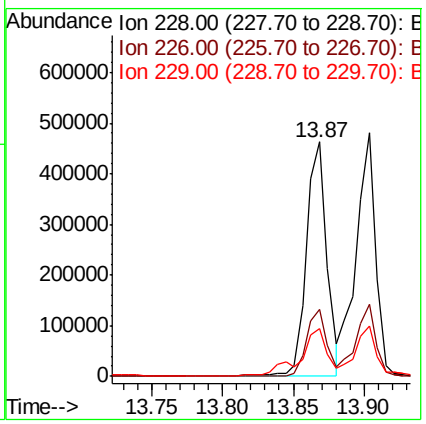


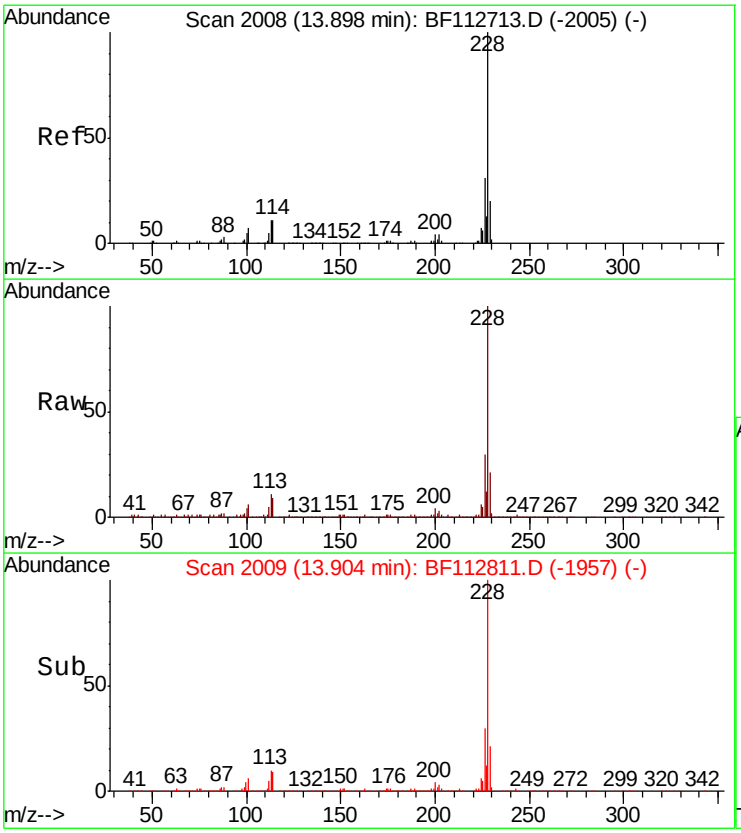
#81
Benzo(a)anthracene
Concen: 15.327 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:228 Resp: 461200

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.1	16.0	24.0

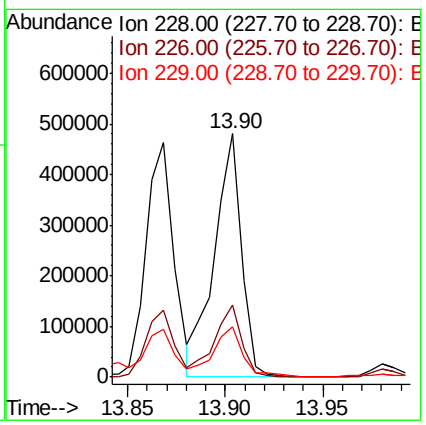


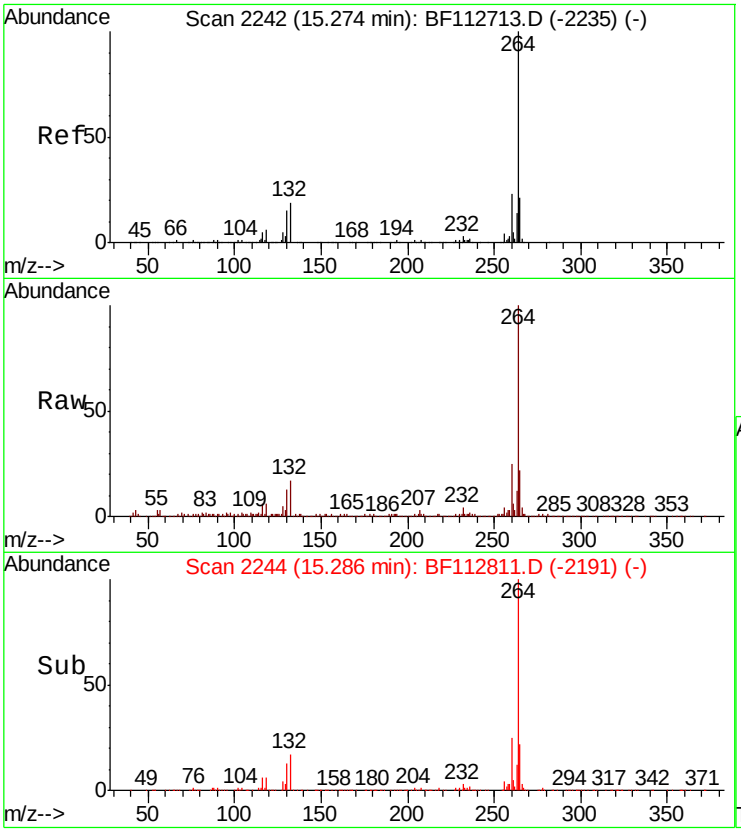


#83
Chrysene
Concen: 15.698 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:228 Resp: 462710

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.9	16.3	24.5



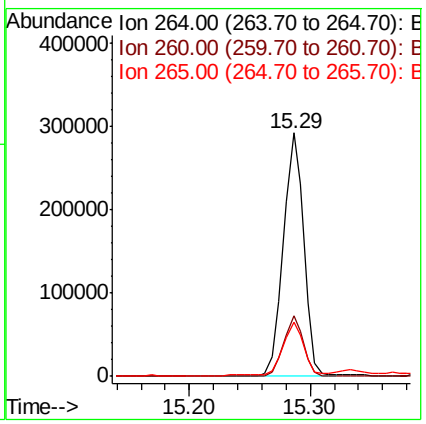


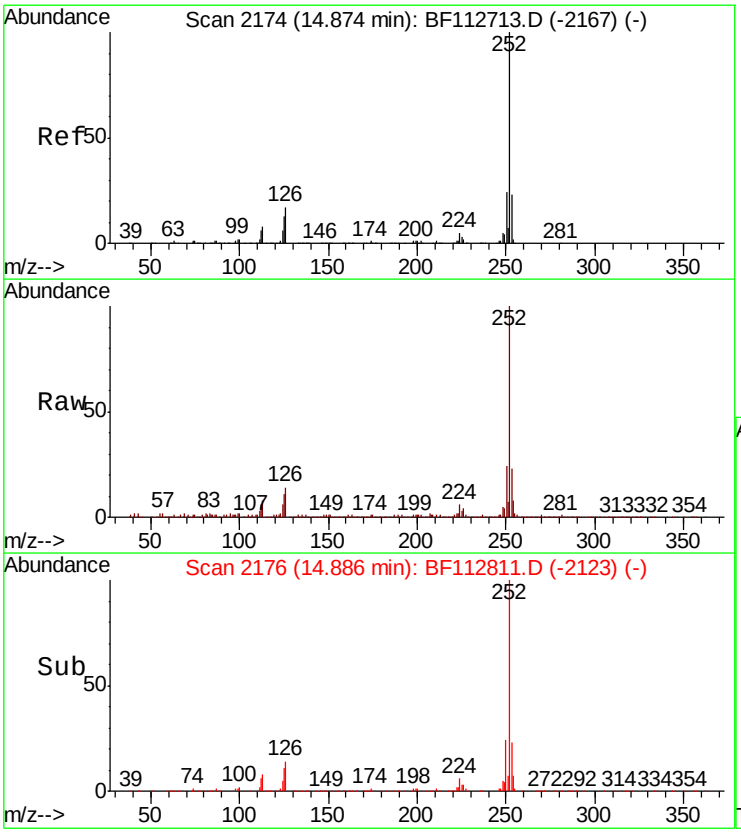
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:264 Resp: 338592

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.4	17.2	25.8

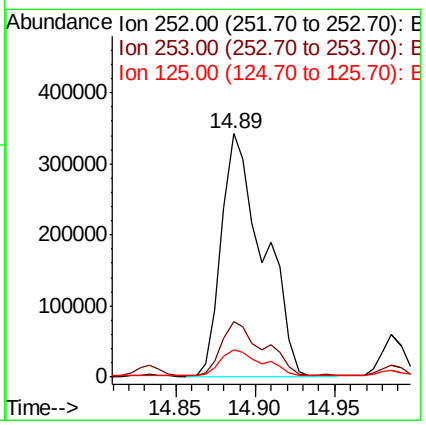


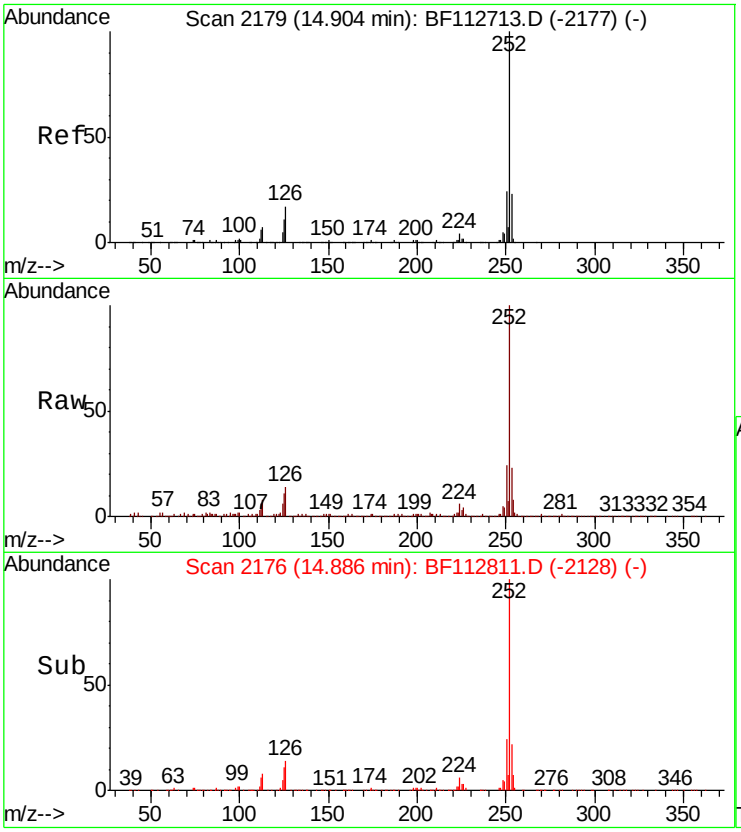


#88
Benzo(b)fluoranthene
Concen: 28.604 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:252 Resp: 626460

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.4	10.2	15.2



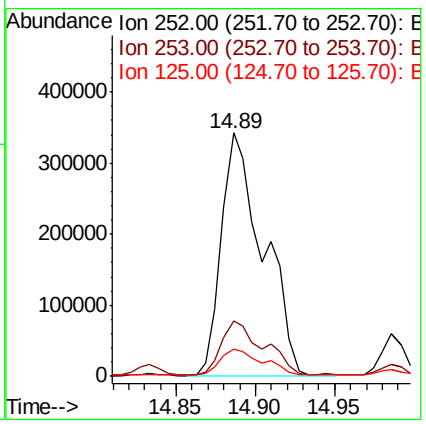


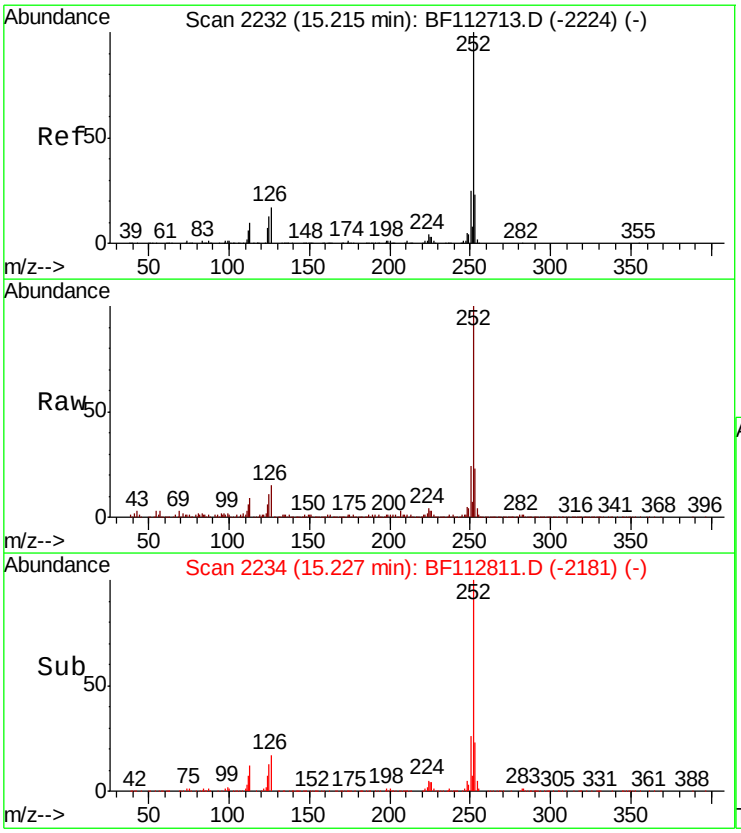
#89
Benzo(k)fluoranthene
Concen: 31.579 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:252 Resp: 626460

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.4	9.8	14.6

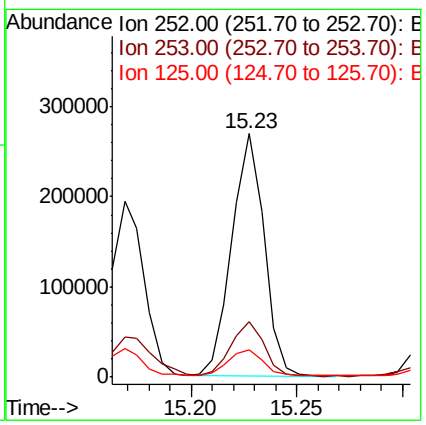


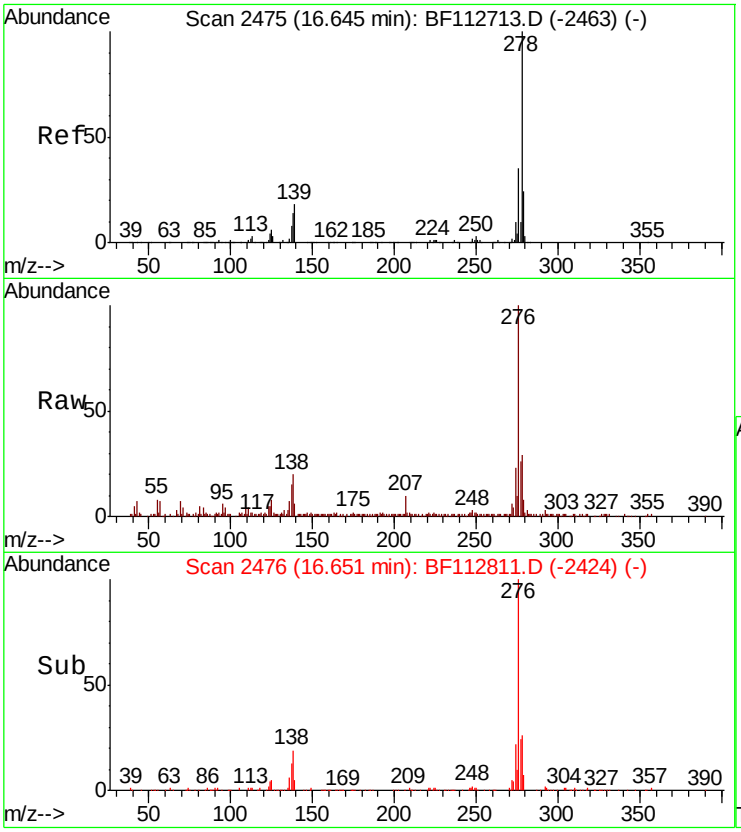


#90
Benzo(a)pyrene
Concen: 14.706 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:252 Resp: 284878

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.1	10.7	16.1



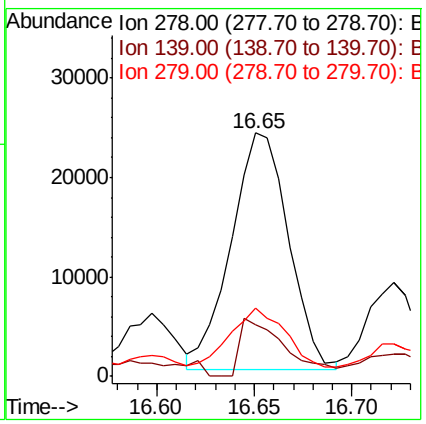


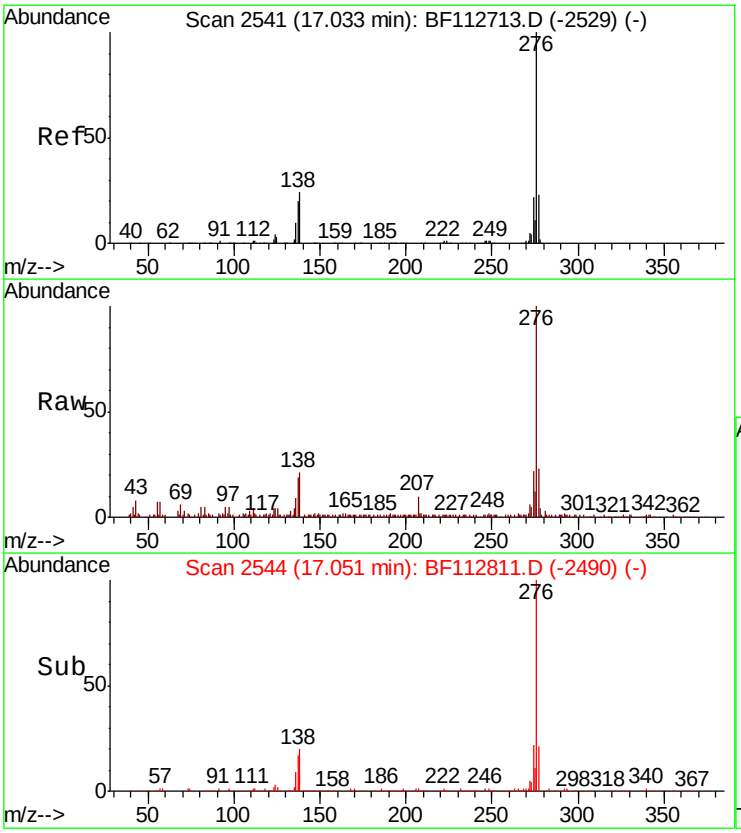
#91
Dibenzo(a,h)anthracene
Concen: 2.946 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Instrument :
BNA_F
ClientSampleId :
Z-3-2-B

Tgt Ion:278 Resp: 48700

Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.3	21.5
279	28.3	19.4	29.0





#92
Benzo(g,h,i)perylene
Concen: 9.494 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF112811.D
Acq: 1 Mar 2019 20:26

Tgt Ion:276 Resp: 157596

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	21.4	19.4	29.0