Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112823.D
Acq On : 4 Mar 2019 14:45
Operator : JU/SJ
Sample : K1707-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S12

Quant Time: Mar 05 00:36:32 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	160205	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	613328	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	269431	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	465139	20.00	ng		0.00
76) Chrysene-d12	13.88	240	401901	20.00	ng		0.00
87) Perylene-d12	15.29	264	401016	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	992549	96.37	ng		0.01
7) Phenol-d6	6.38	99	1307882	101.09	ng		0.01
23) Nitrobenzene-d5	7.30	82	843796	82.32	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	310331	108.49	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1263322	75.41	ng		0.00
79) Terphenyl-d14	12.83	244	963948	46.49	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	32028	2.122	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	111232	13.575	ng	#	77
25) Isophorone	7.30	82	821323	37.195	ng	#	66
50) Dimethylphthalate	9.49	163	95418	4.803	ng		98
51) 2,6-Dinitrotoluene	9.77	165	34829	8.419	ng	#	19
54) 2,4-Dinitrophenol	10.06	184	421	6.682	ng	#	23
57) 2,4-Dinitrotoluene	9.77	165	34829	6.773	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.56	198	550	4.873	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	17264	3.524	ng	#	1
71) Phenanthrene	11.27	178	101885	4.403	ng		98
75) Fluoranthene	12.46	202	162234	6.543	ng		96
78) Pyrene	12.69	202	166302	4.908	ng		96
81) Benzo(a)anthracene	13.90	228	113116	4.061	ng		96
83) Chrysene	13.90	228	113116	4.146	ng		96
86) Indeno(1,2,3-cd)pyrene	16.65	276	48793	2.098	ng		95
88) Benzo(b)fluoranthene	14.89	252	178875	6.896	ng		99
89) Benzo(k)fluoranthene	14.89	252	178875	7.613	ng		99
90) Benzo(a)pyrene	15.23	252	93122	4.059	ng		99
92) Benzo(g,h,i)perylene	17.06	276	45631	2.321	ng		99

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

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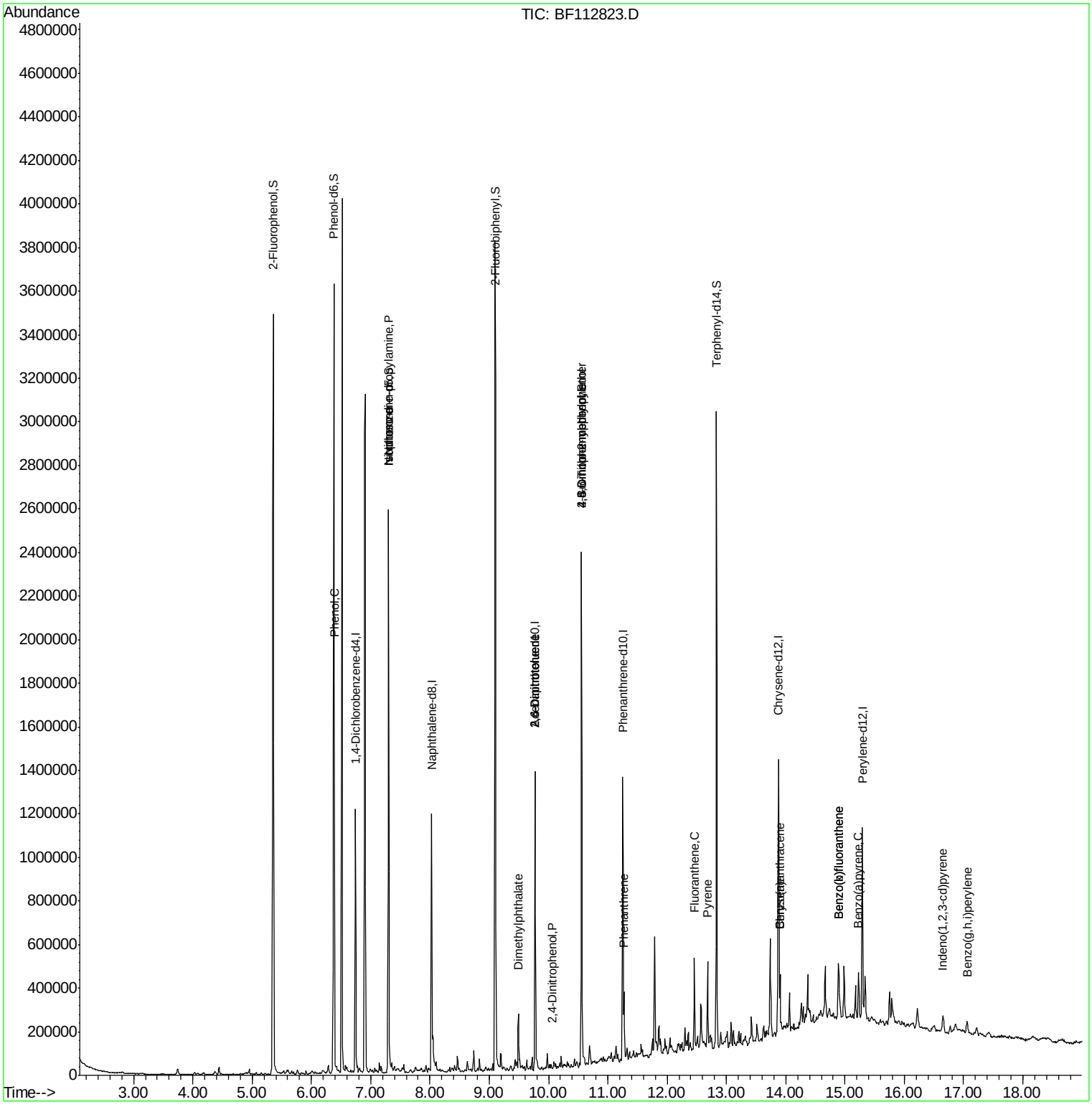
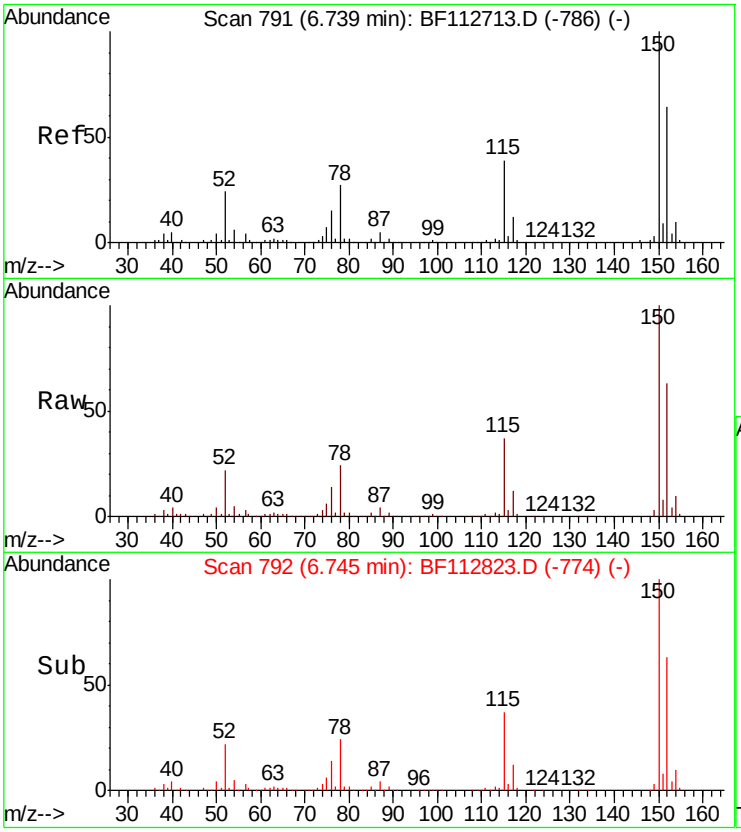


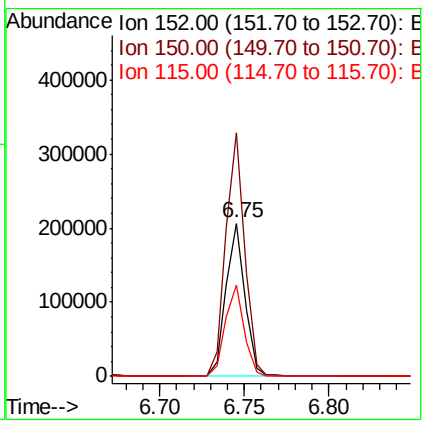


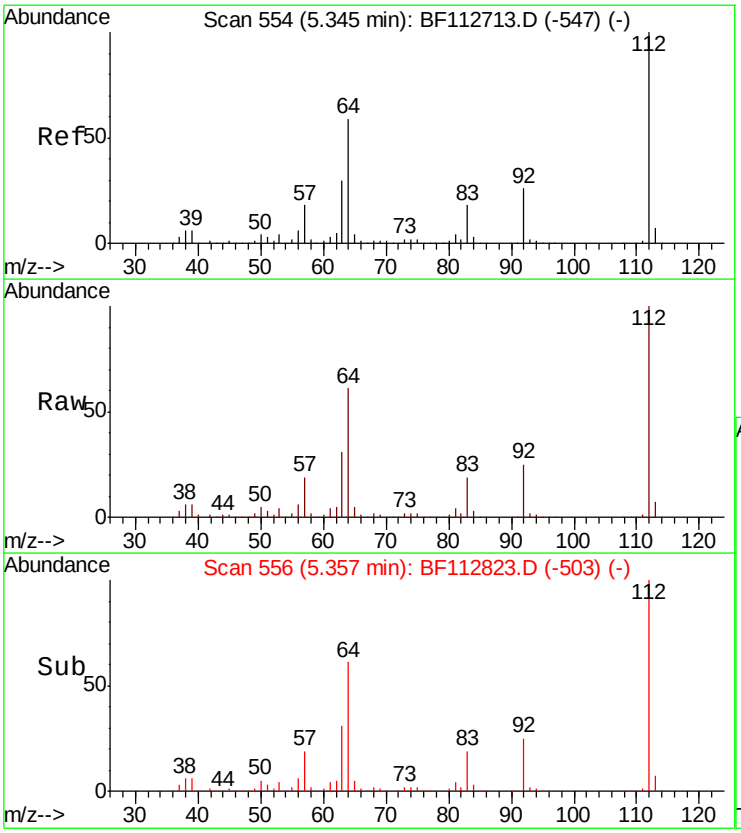
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:152 Resp: 160205

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.2	186.2
115	59.5	48.2	72.4

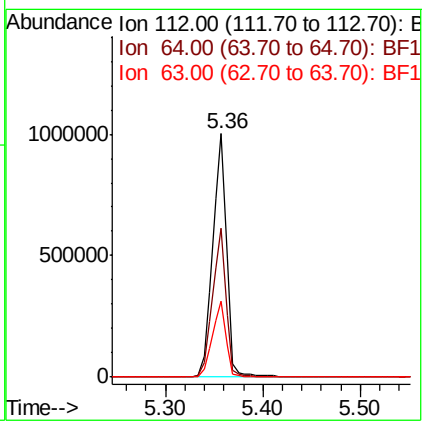


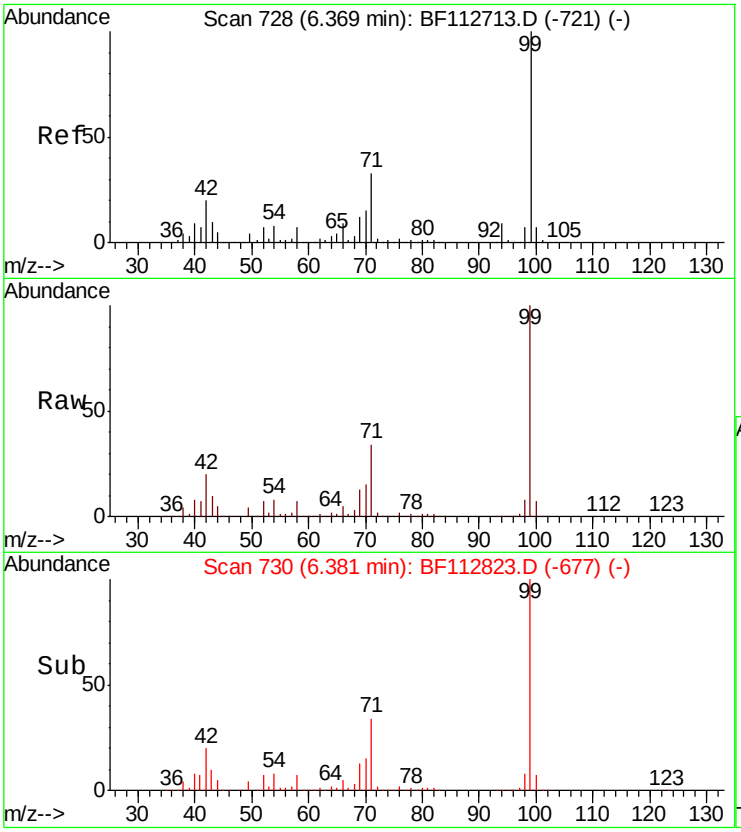


#5
2-Fluorophenol
Concen: 96.374 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:112 Resp: 992549

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.6	71.4
63	31.3	24.4	36.6



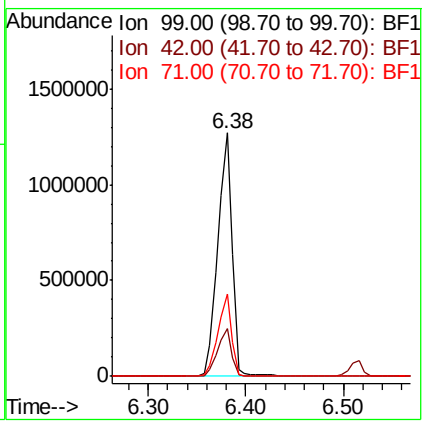


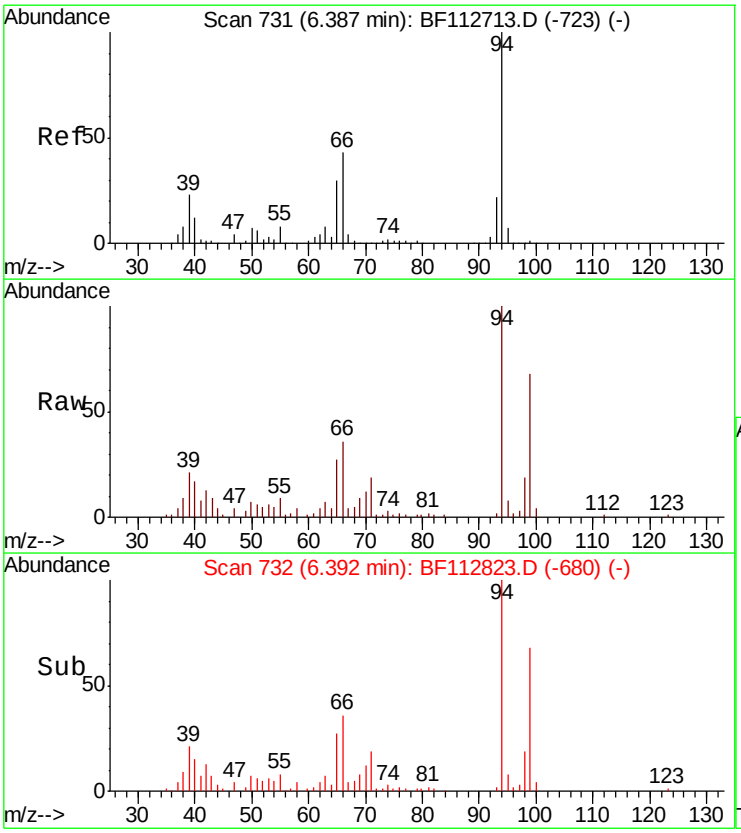
#7
Phenol-d6
Concen: 101.095 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion: 99 Resp: 1307882

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.3	24.5
71	33.9	26.2	39.4

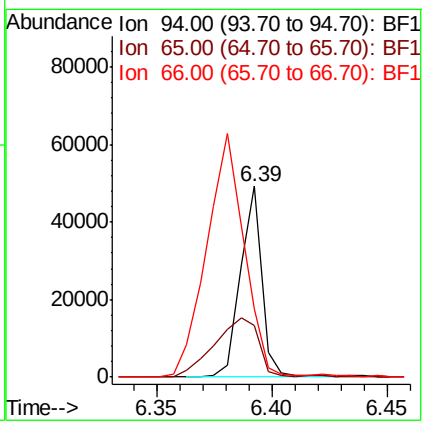


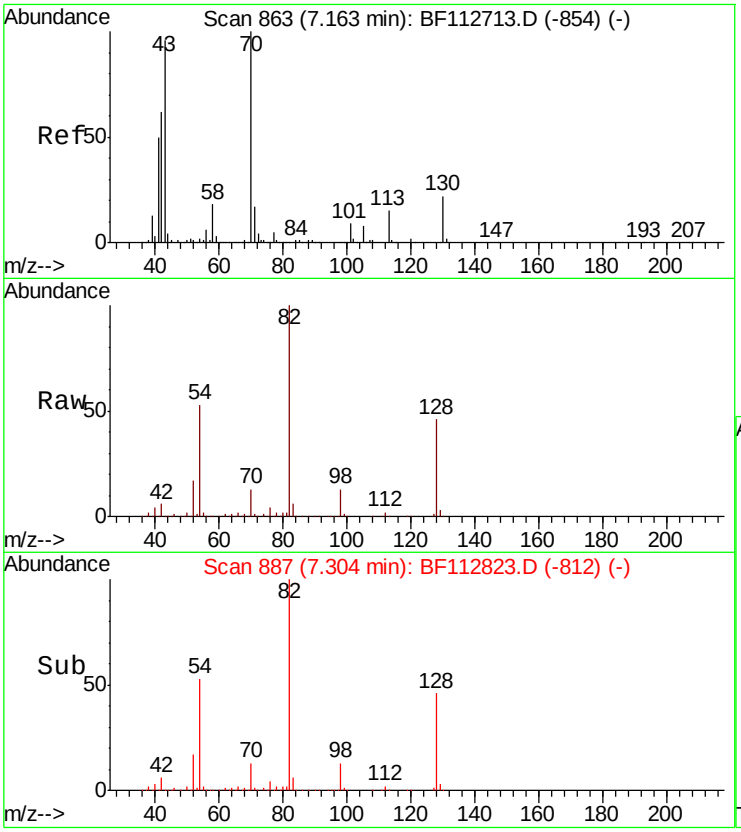


#10
Phenol
Concen: 2.122 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion: 94 Resp: 32028

Ion	Ratio	Lower	Upper
94	100		
65	27.4	10.5	50.5
66	35.7	22.6	62.6



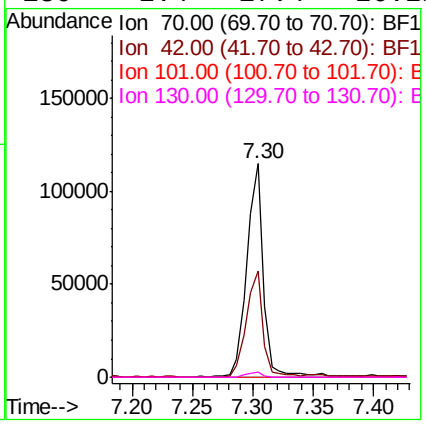


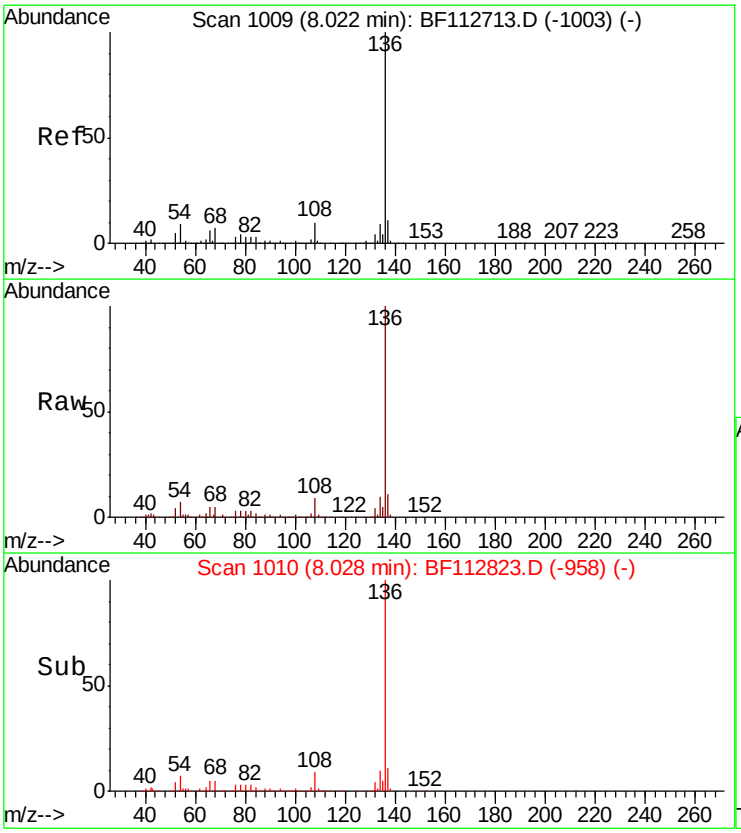
#19
n-Nitroso-di-n-propylamine
Concen: 13.575 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion: 70 Resp: 111232

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#

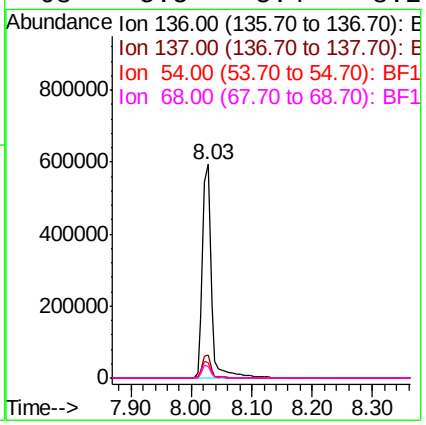


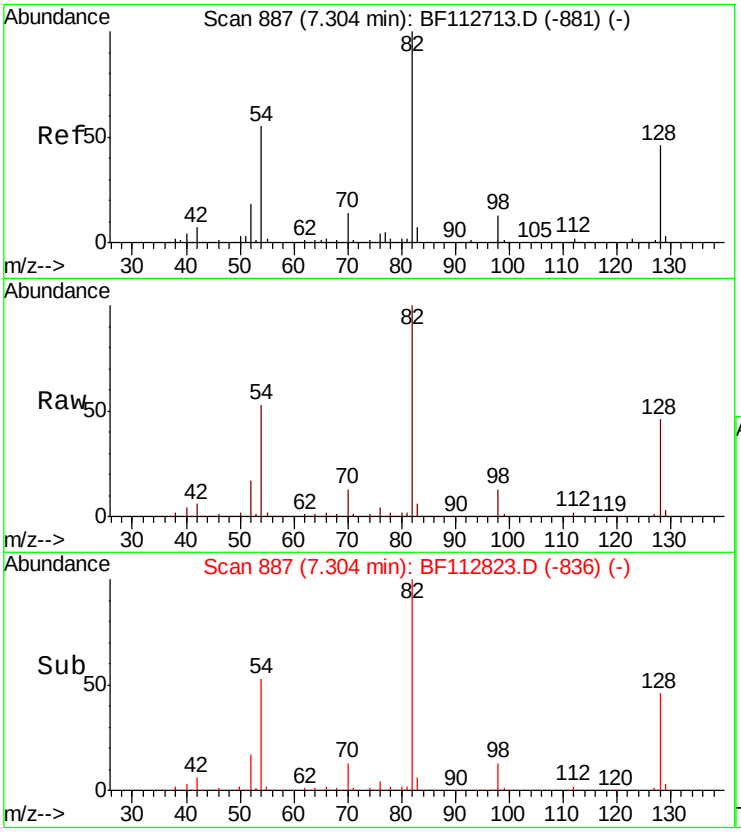


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:136 Resp: 613328

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	7.3	10.9
68	5.5	5.4	8.2



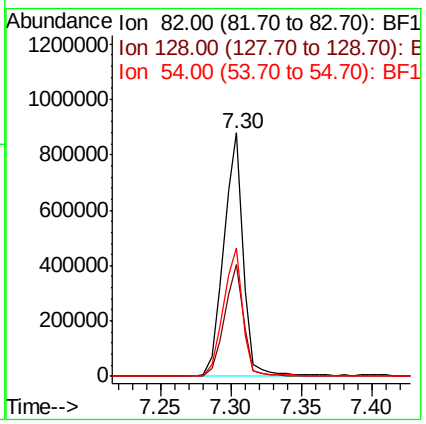


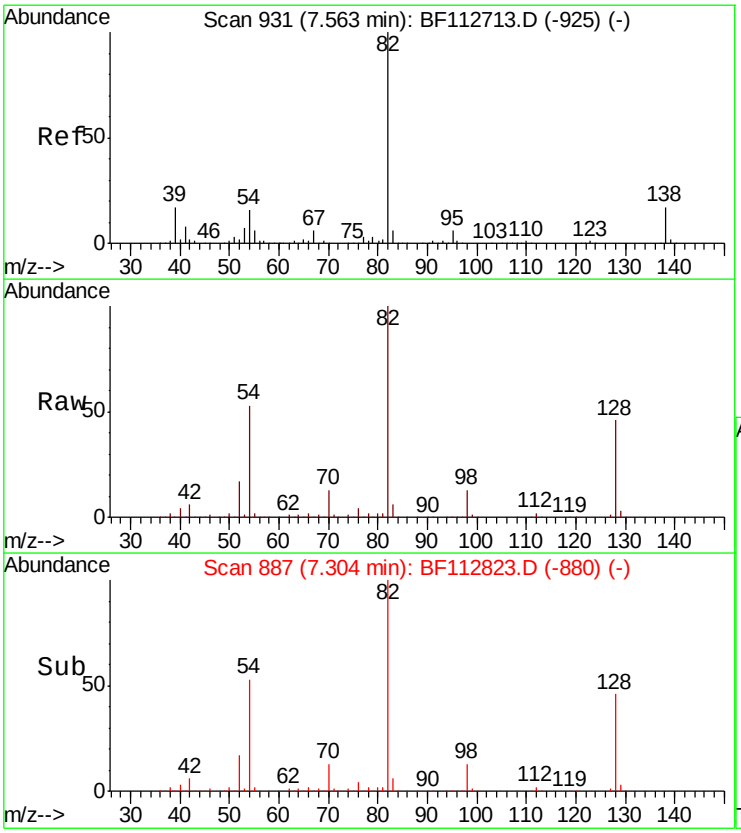
#23
Nitrobenzene-d5
Concen: 82.323 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion: 82 Resp: 843796

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	52.6	43.7	65.5

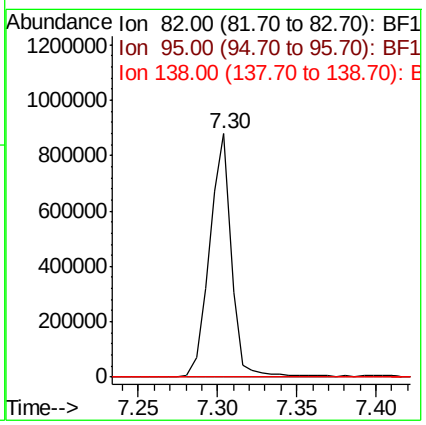


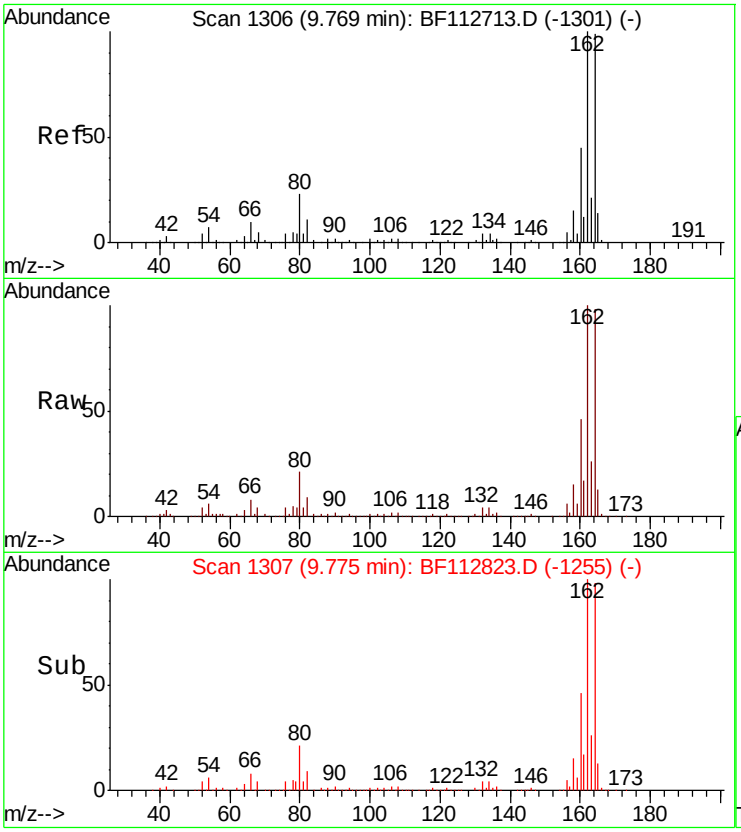


#25
Isophorone
Concen: 37.195 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion: 82 Resp: 821323

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



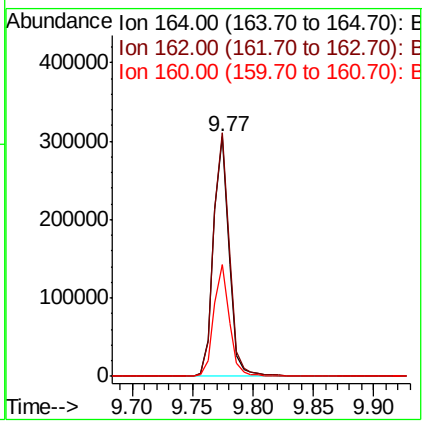


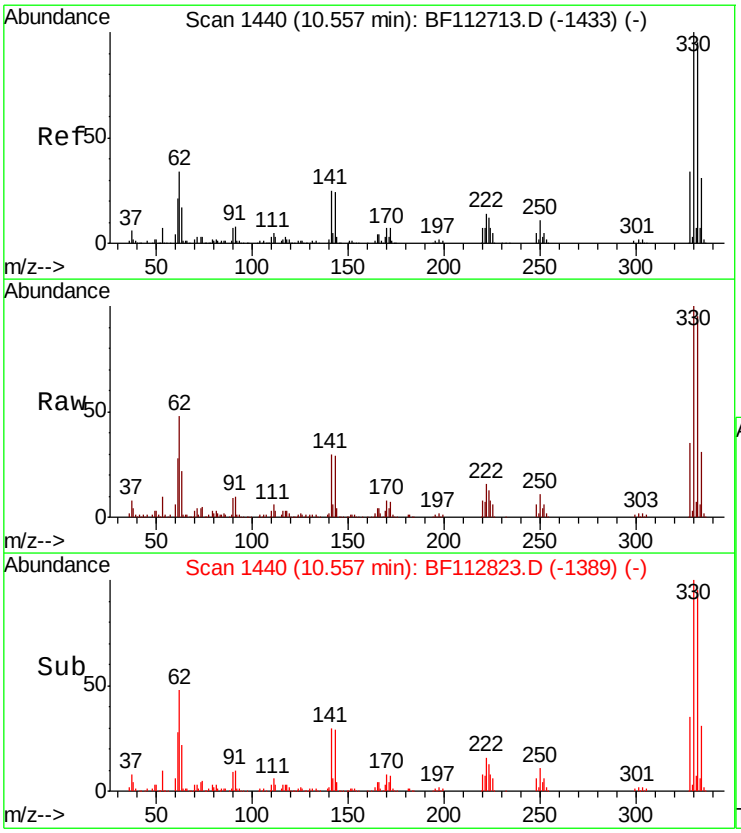
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:164 Resp: 269431

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	46.6	36.0	54.0

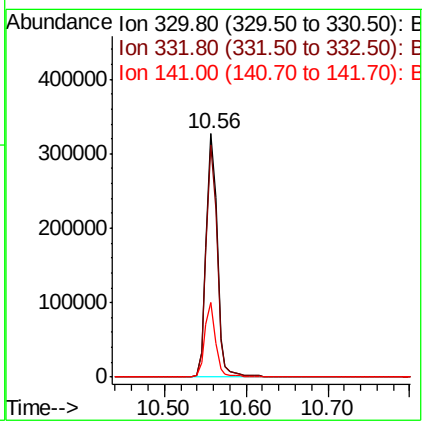


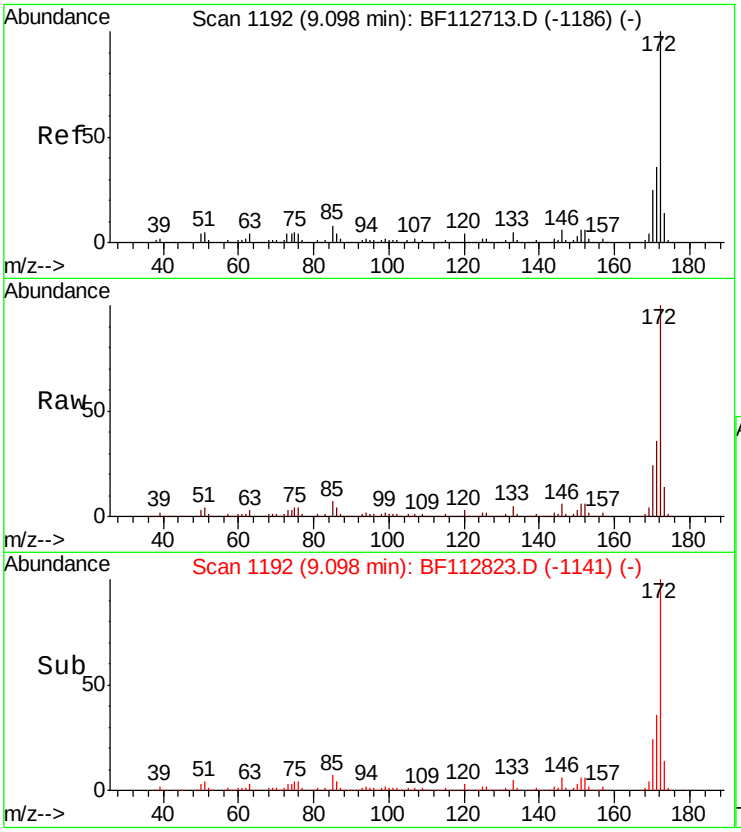


#42
2,4,6-Tribromophenol
Concen: 108.494 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:330 Resp: 310331

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	29.3	27.0	40.6



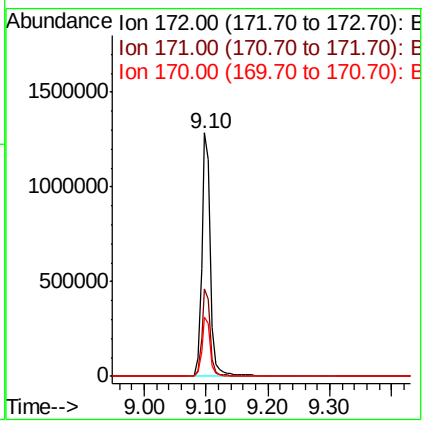


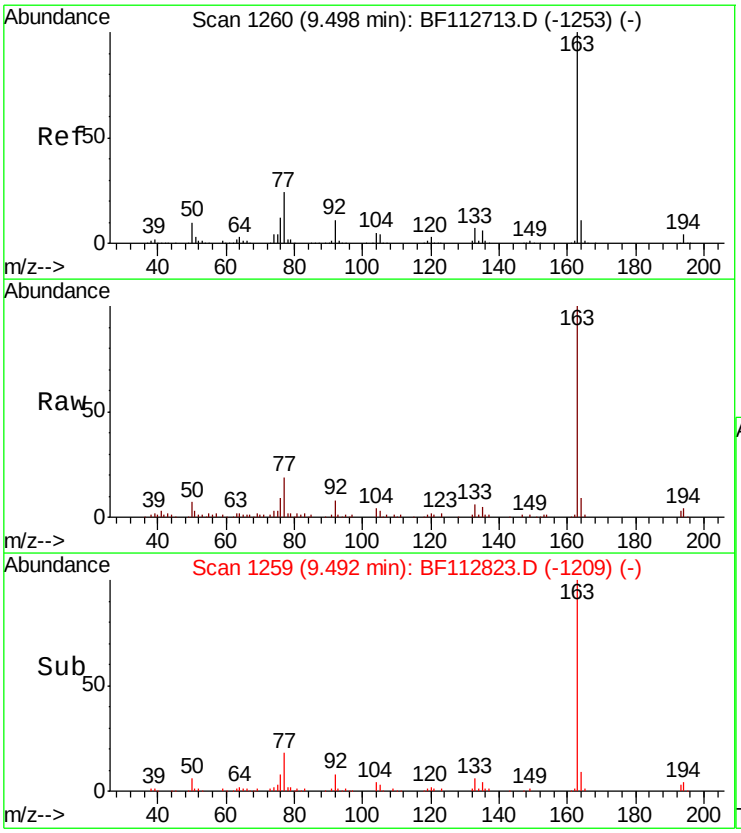
#45
2-Fluorobiphenyl
Concen: 75.406 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:172 Resp: 1263322

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	20.0	30.0

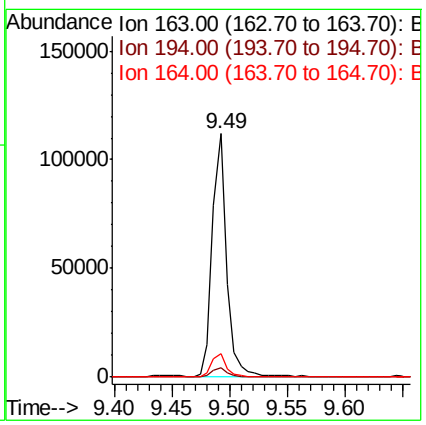


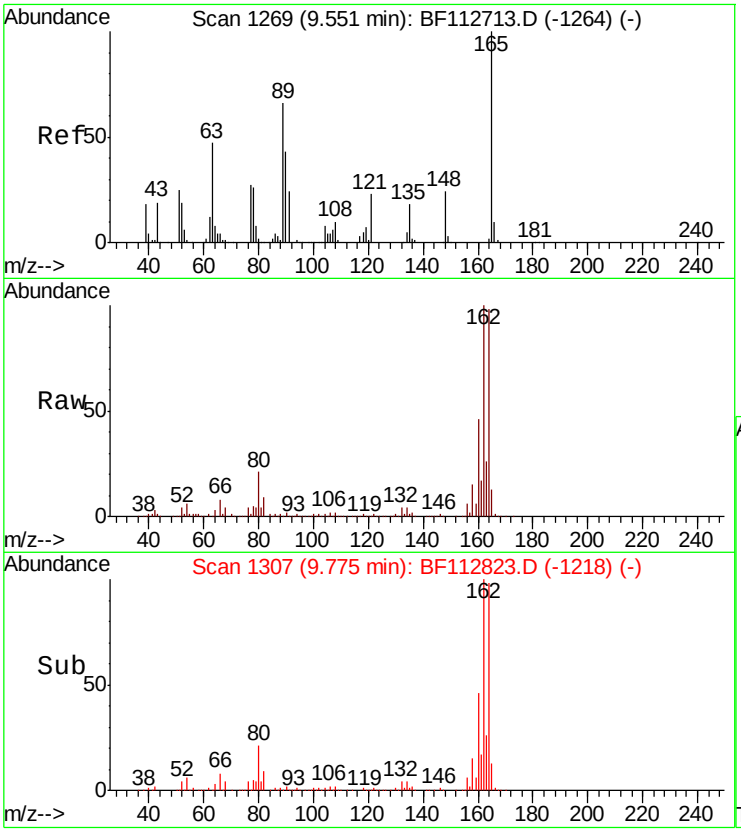


#50
Dimethylphthalate
Concen: 4.803 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:163 Resp: 95418

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.4	8.4	12.6



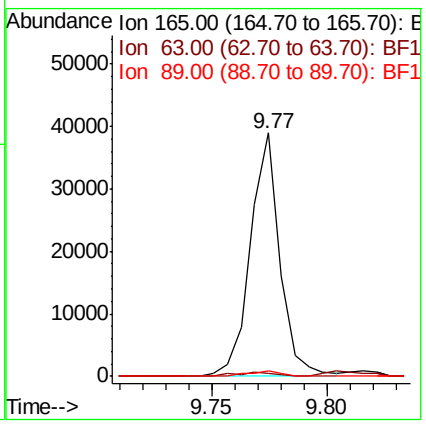


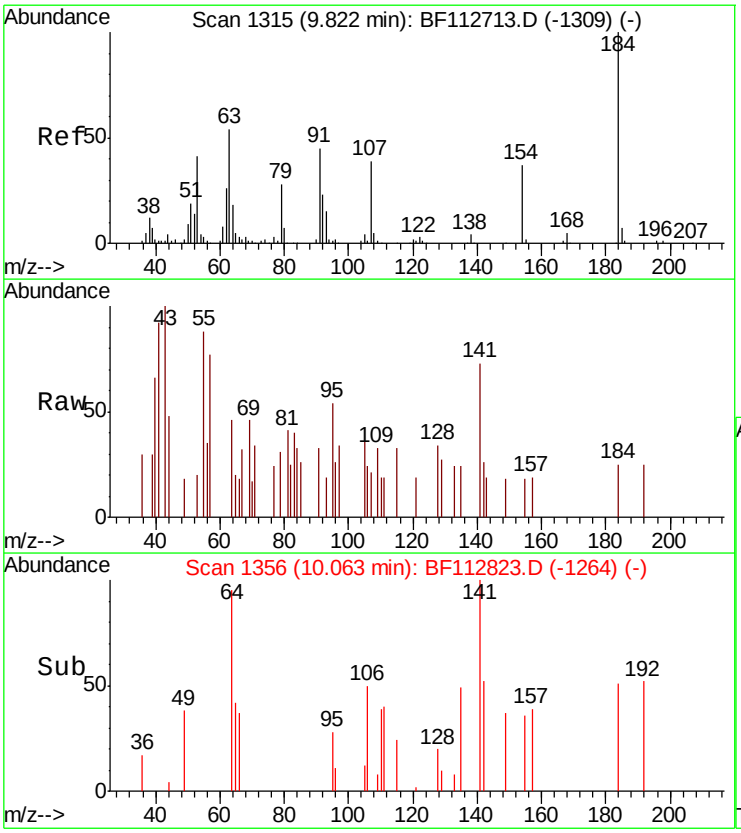
#51
2,6-Dinitrotoluene
Concen: 8.419 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:165 Resp: 34829

Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	2.3	52.8	79.2#

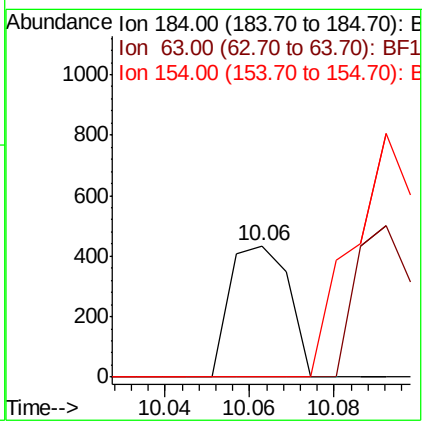


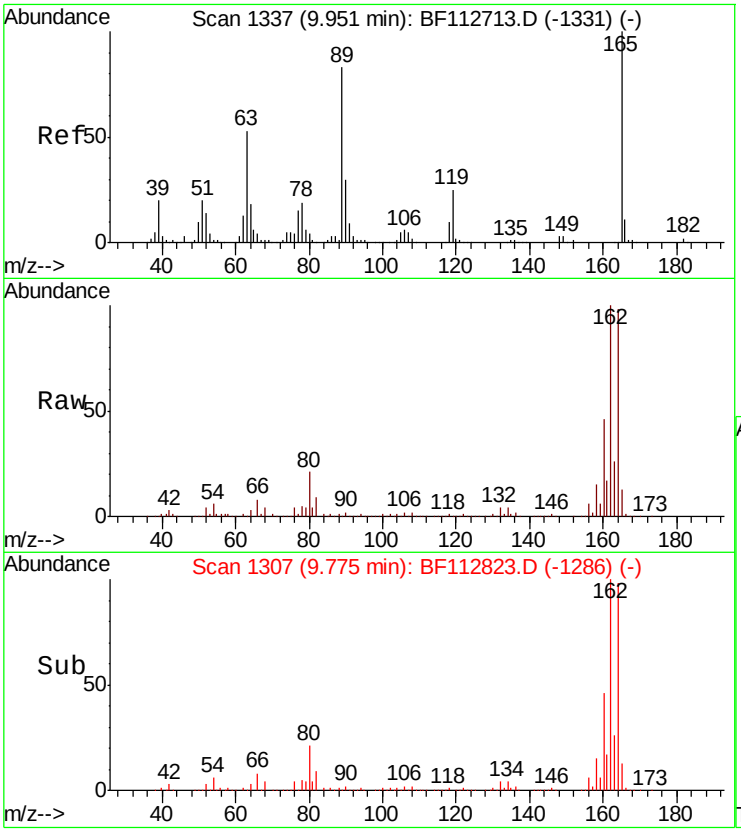


#54
2,4-Dinitrophenol
Concen: 6.682 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.24 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:184 Resp: 421

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.3	67.9#
154	0.0	46.0	69.0#



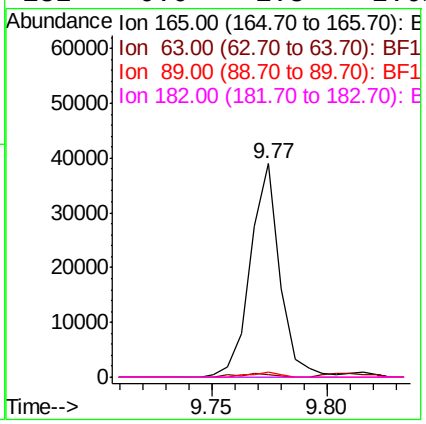


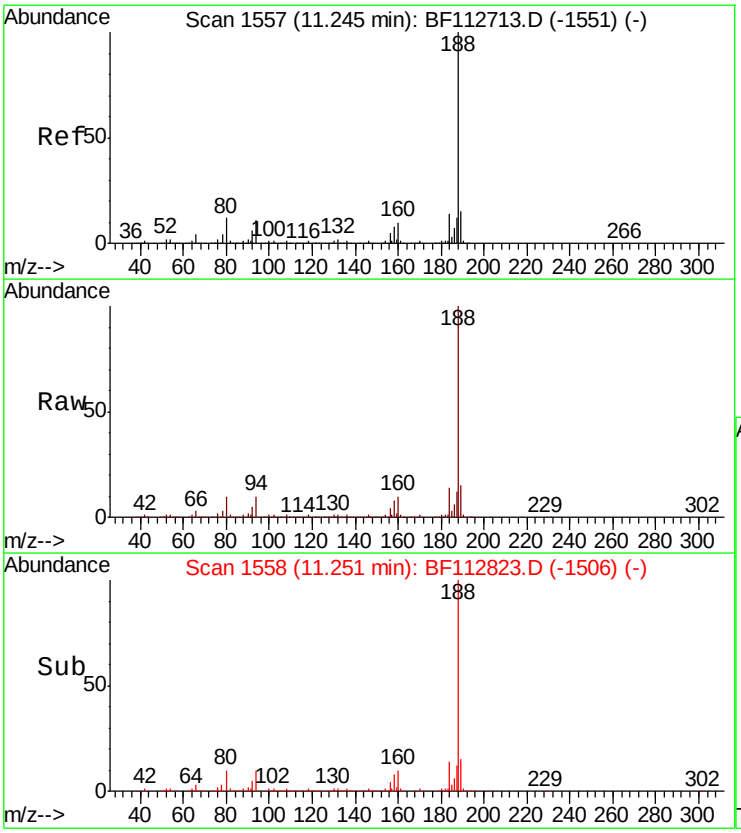
#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:165 Resp: 34829

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	2.3	66.2	99.4#
182	0.0	1.8	2.6#

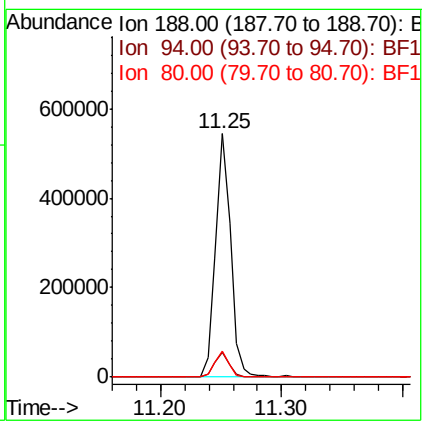


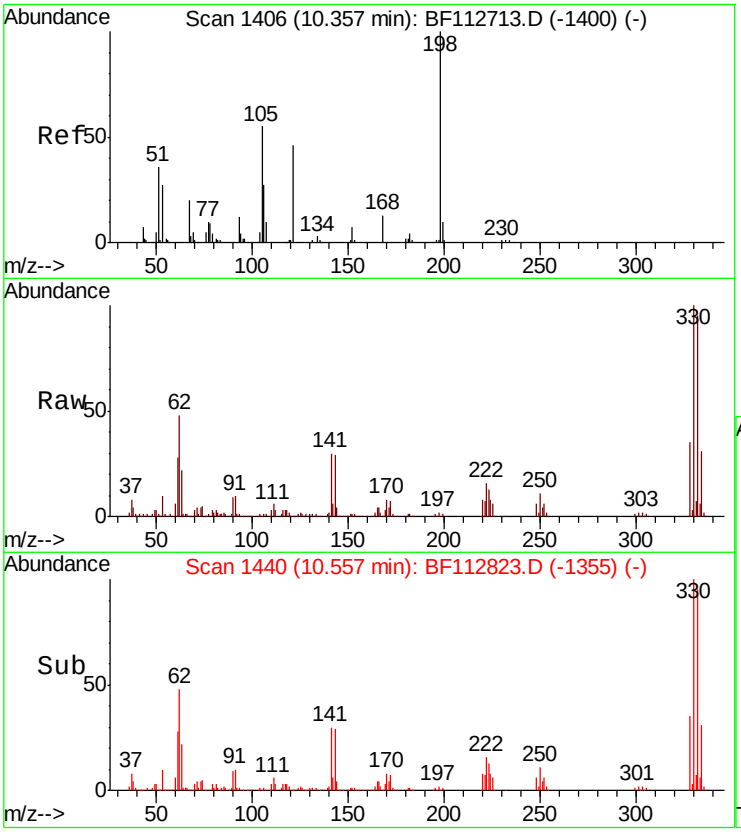


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:188 Resp: 465139

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.5	9.2	13.8



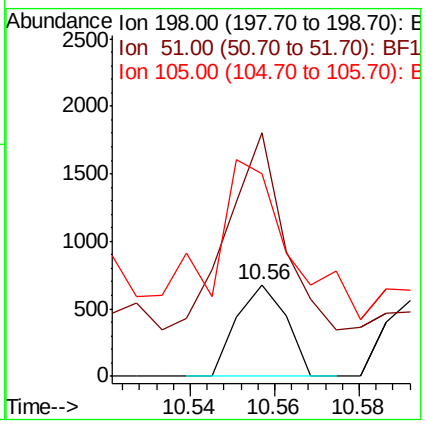


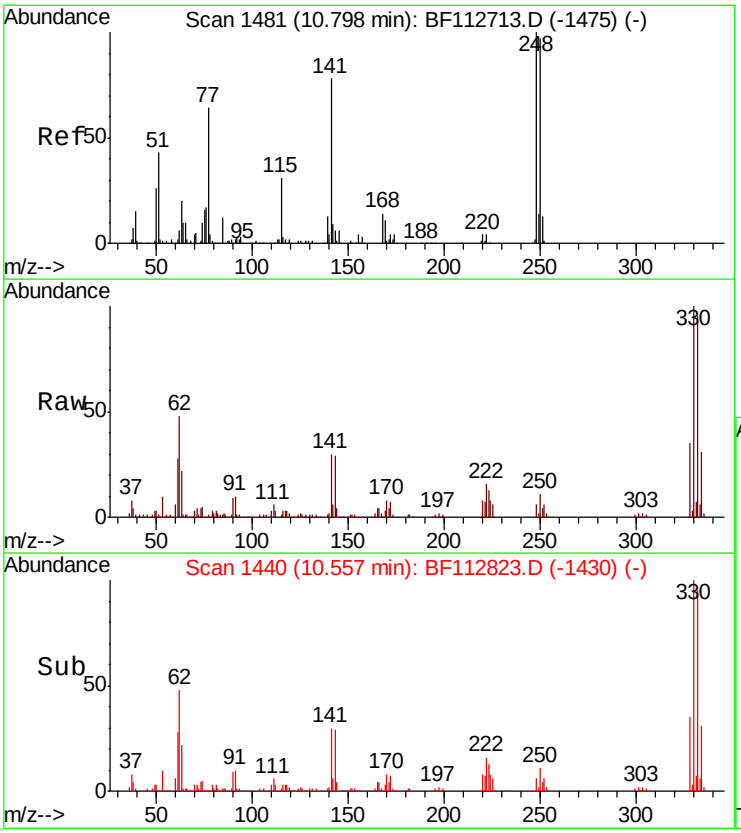
#65
4,6-Dinitro-2-methylphenol
Concen: 4.873 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:198 Resp: 550

Ion	Ratio	Lower	Upper
198	100		
51	266.3	43.8	83.8#
105	222.2	36.5	76.5#

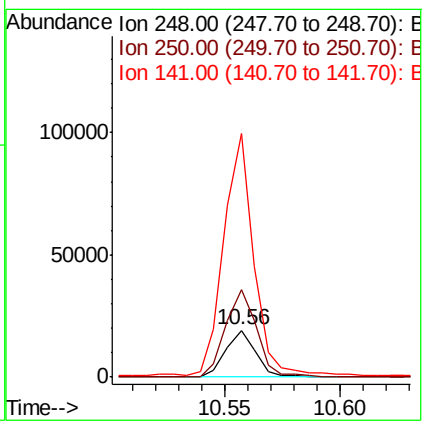


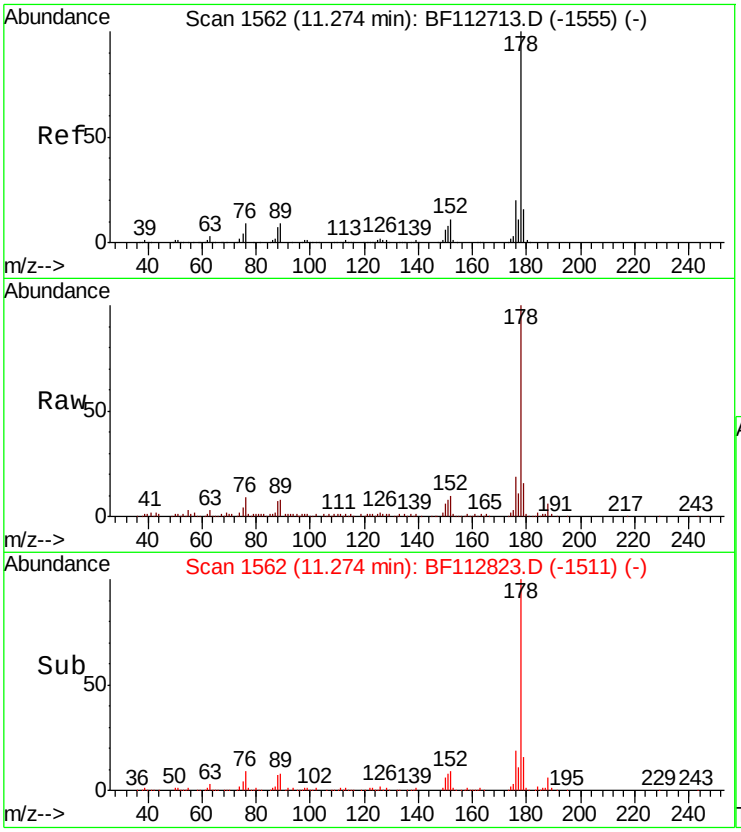


#67
4-Bromophenyl-phenylether
Concen: 3.524 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:248 Resp: 17264

Ion	Ratio	Lower	Upper
248	100		
250	186.3	77.5	116.3#
141	518.1	62.4	93.6#



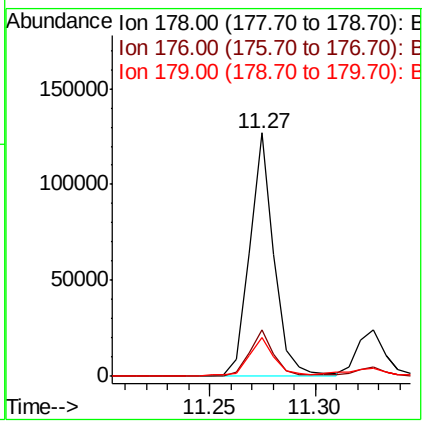


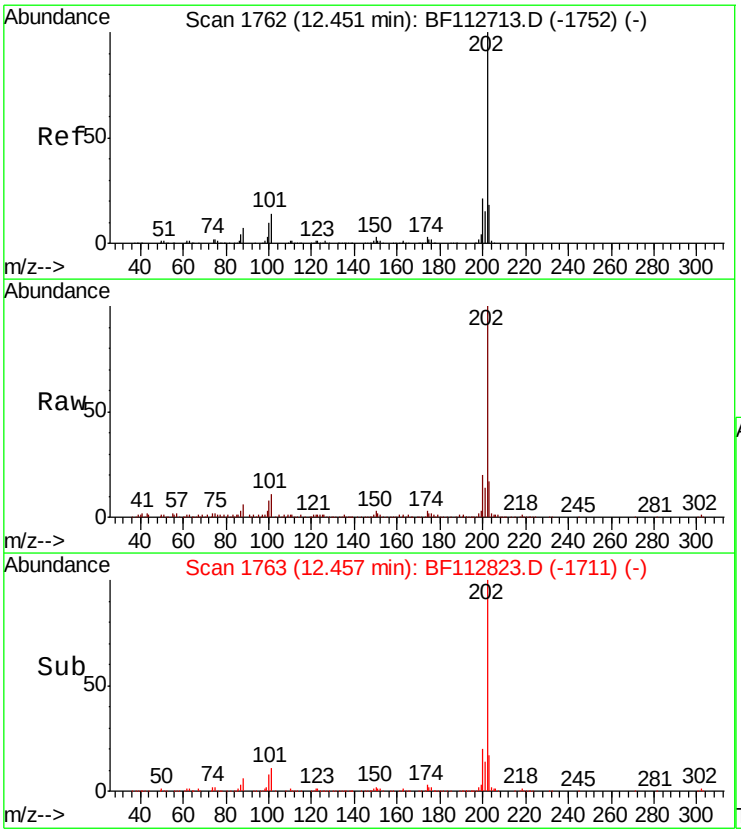
#71
Phenanthrene
Concen: 4.403 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:178 Resp: 101885

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	16.1	12.7	19.1

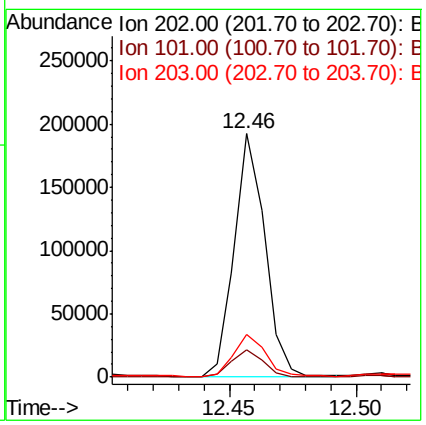


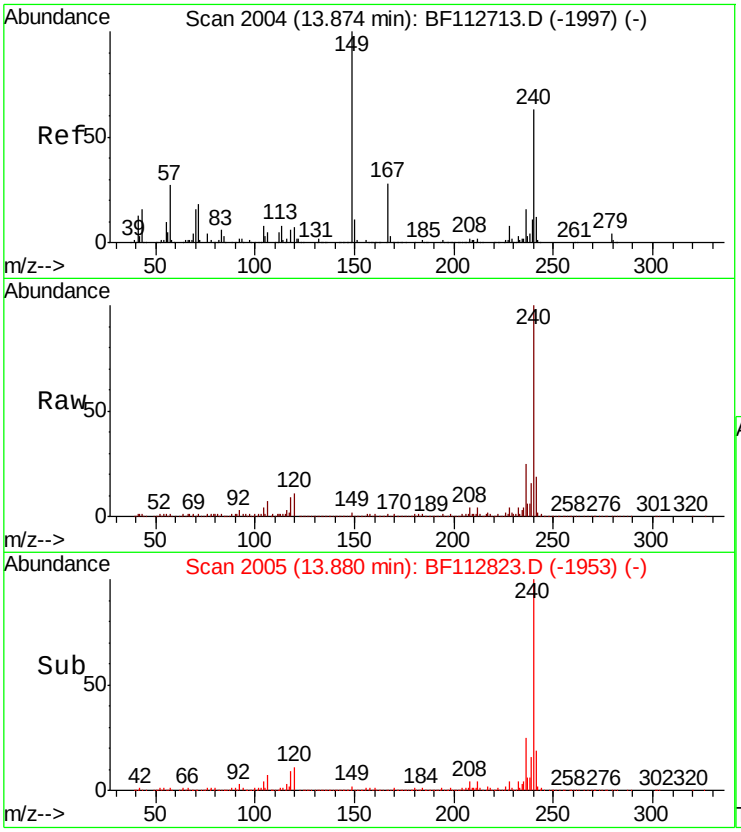


#75
Fluoranthene
Concen: 6.543 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:202 Resp: 162234

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	17.4	0.0	38.4



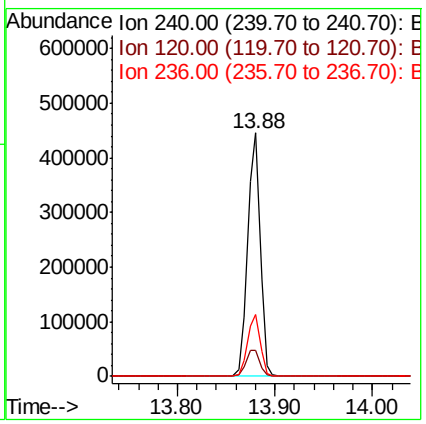


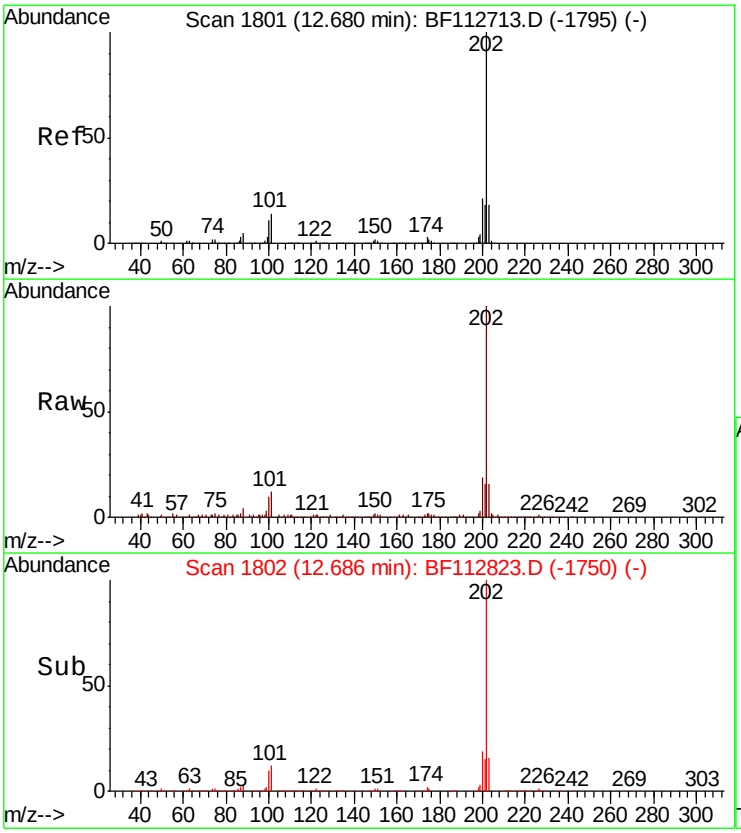
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:240 Resp: 401901

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.5	20.7	31.1

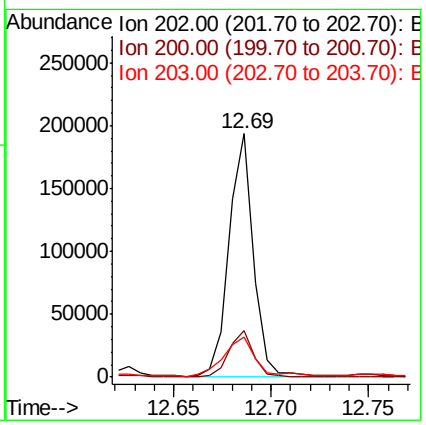


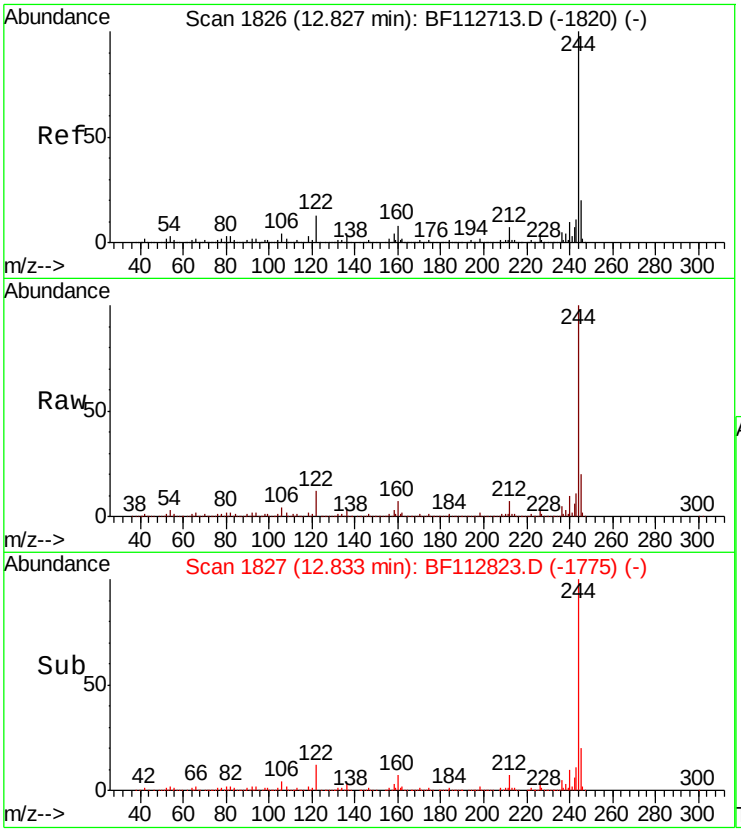


#78
Pyrene
Concen: 4.908 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:202 Resp: 166302

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.0	25.4
203	16.5	14.4	21.6



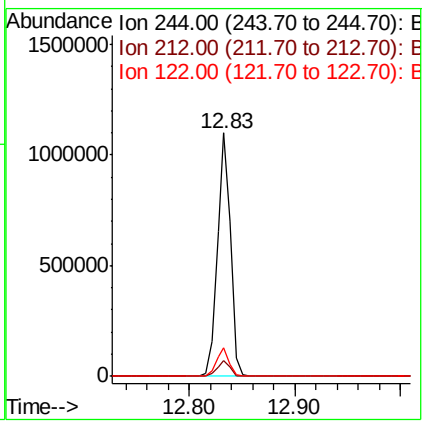


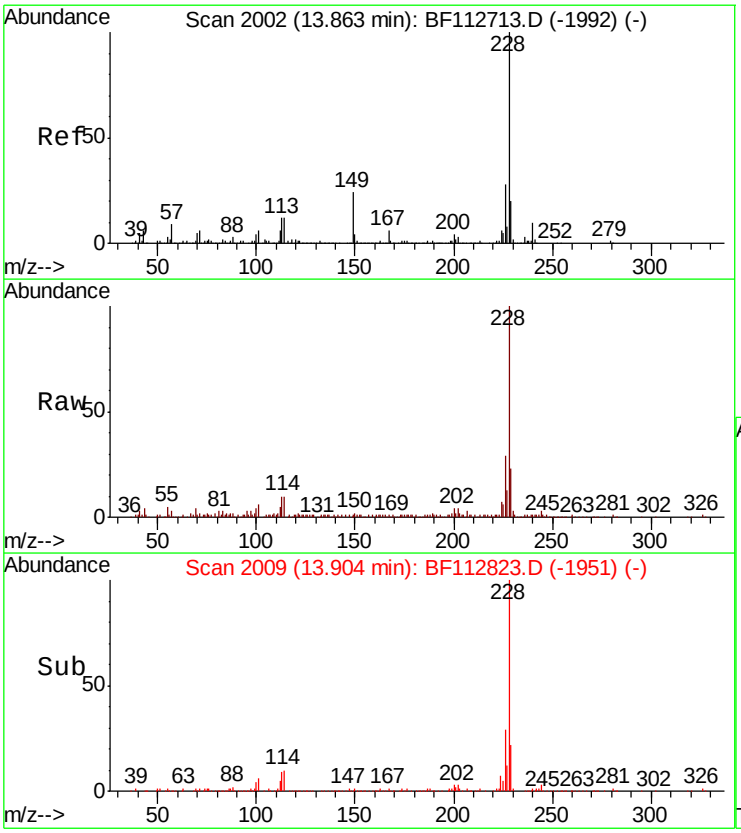
#79
Terphenyl-d14
Concen: 46.494 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:244 Resp: 963948

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.6	10.5	15.7

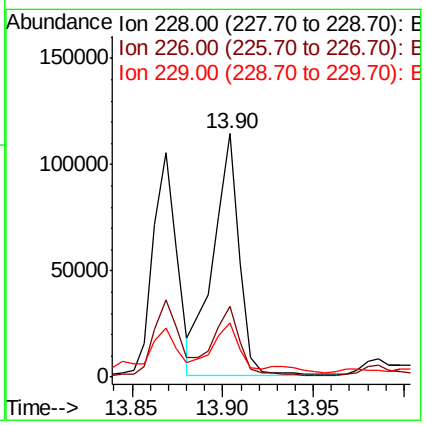


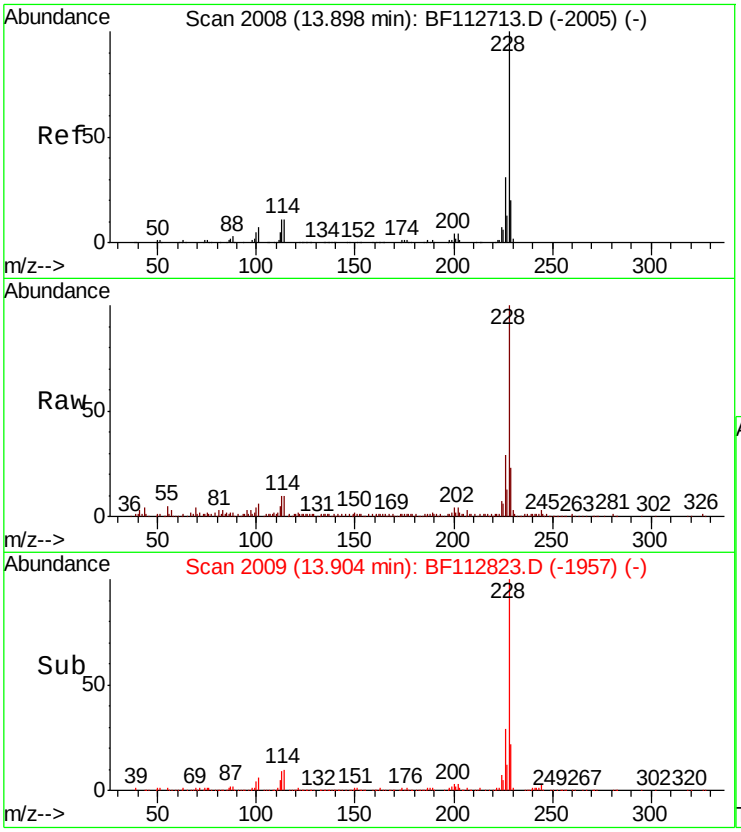


#81
Benzo(a)anthracene
Concen: 4.061 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:228 Resp: 113116

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	22.5	16.0	24.0



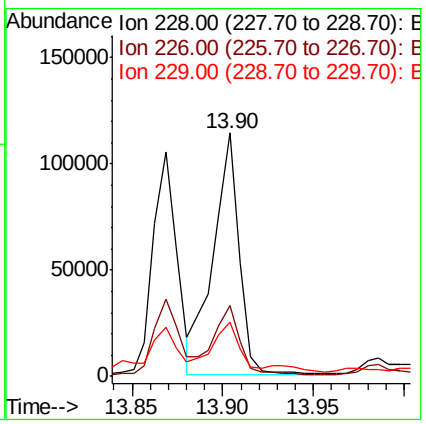


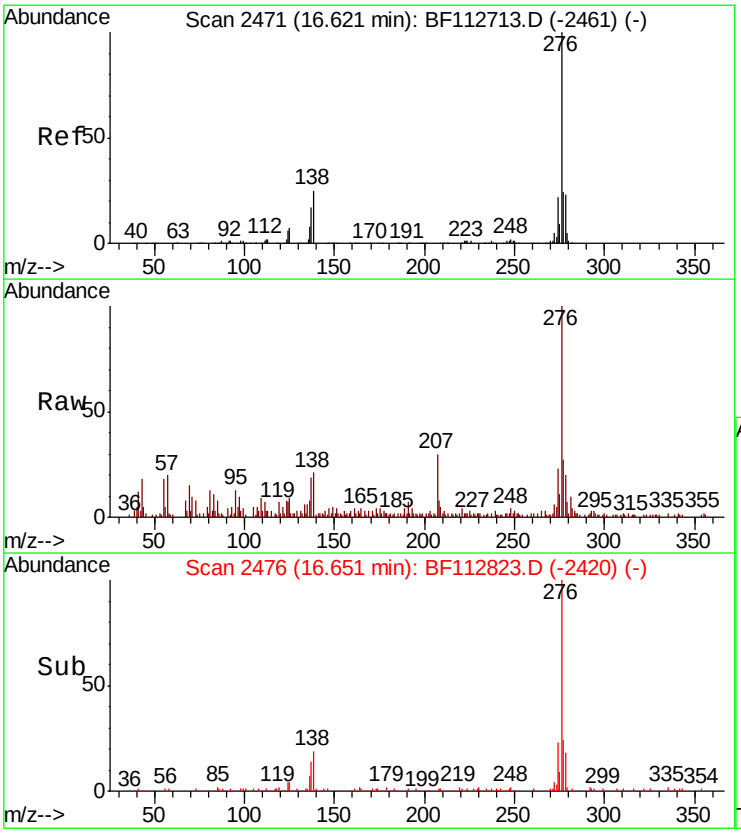
#83
Chrysene
Concen: 4.146 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:228 Resp: 113116

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	22.5	16.3	24.5

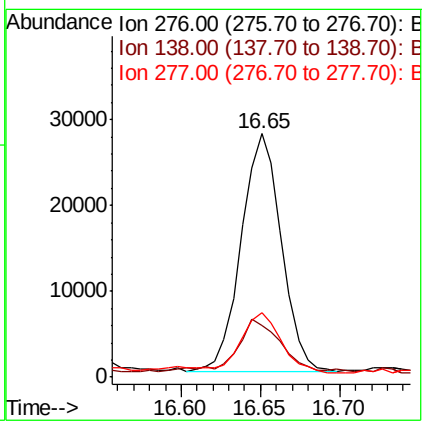


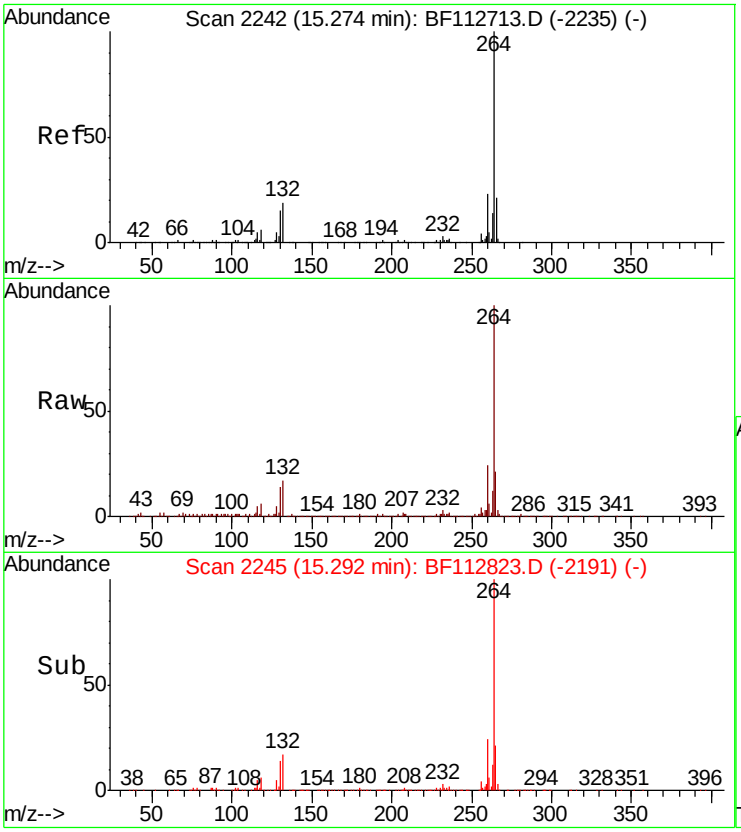


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.098 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.03 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:276 Resp: 48793

Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.2	34.8
277	25.8	19.9	29.9



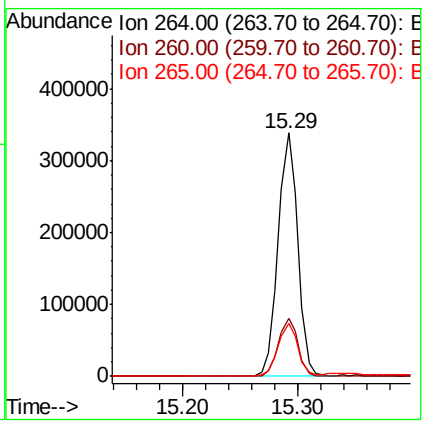


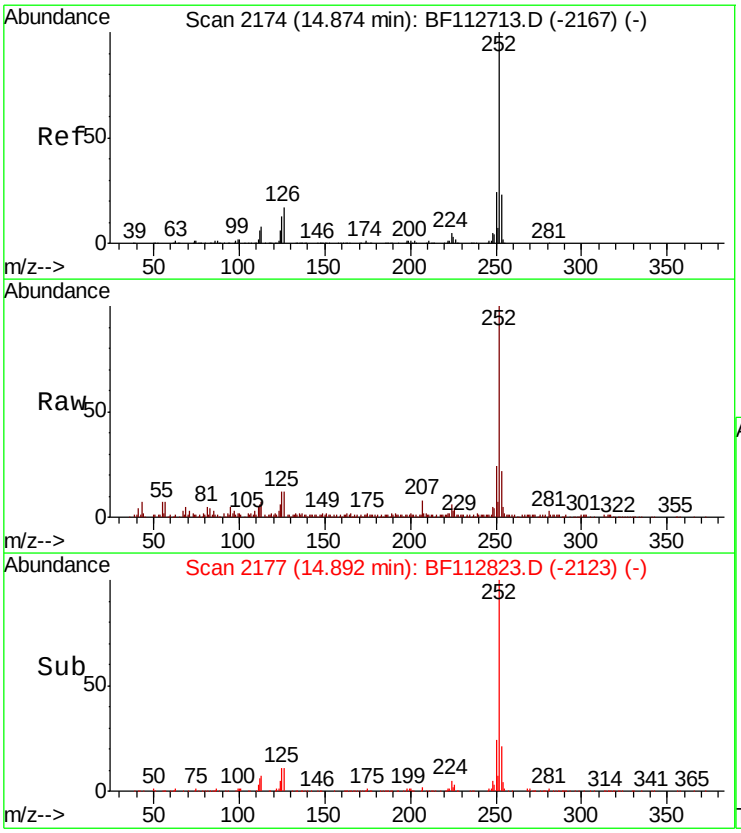
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:264 Resp: 401016

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.5	17.2	25.8

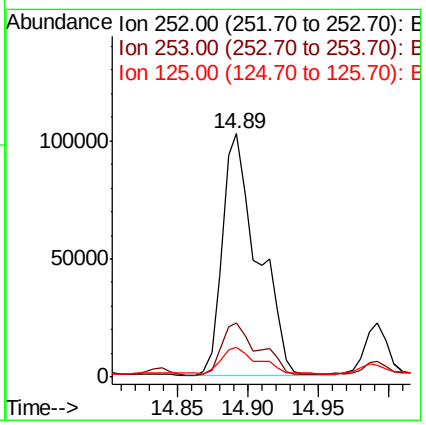


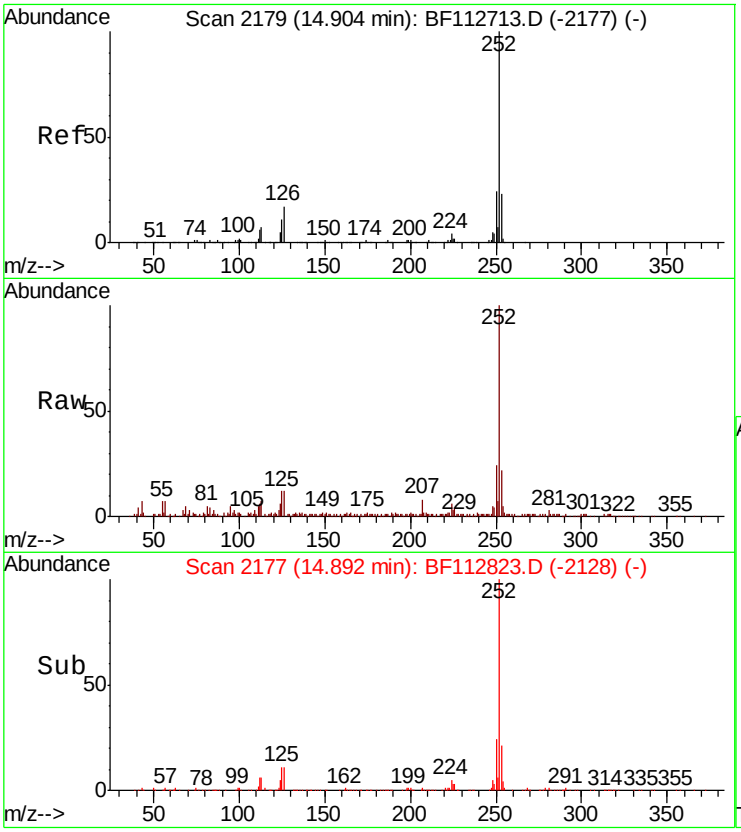


#88
Benzo(b)fluoranthene
Concen: 6.896 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:252 Resp: 178875

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.1	10.2	15.2



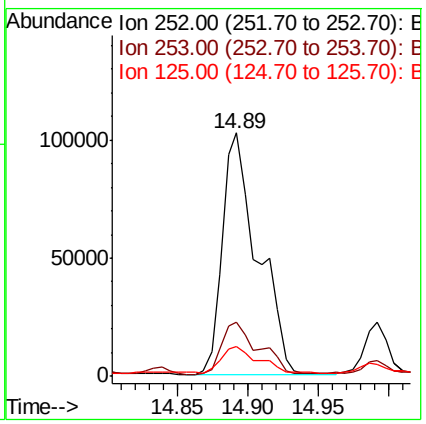


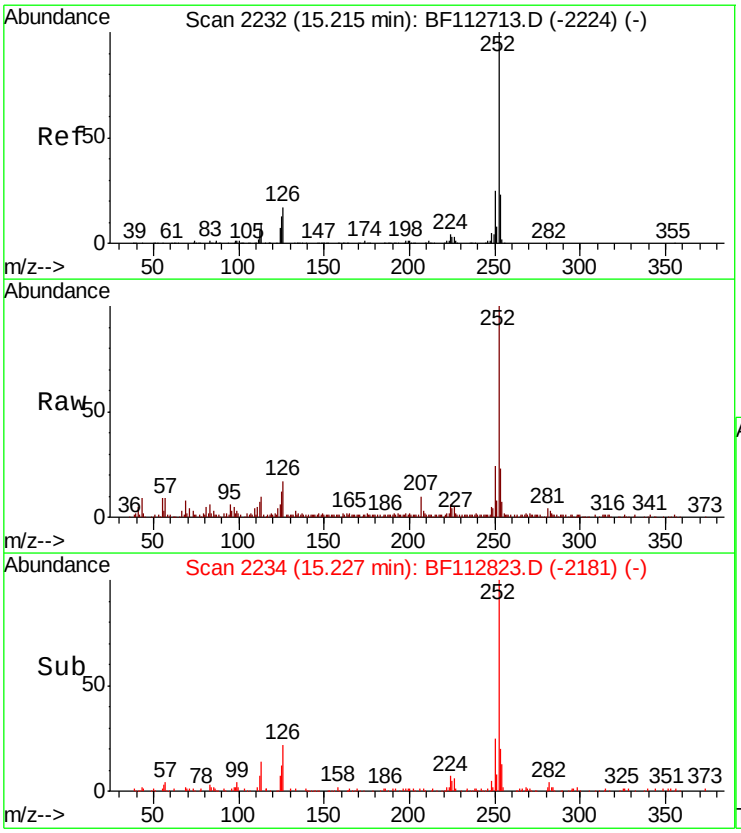
#89
Benzo(k)fluoranthene
Concen: 7.613 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:252 Resp: 178875

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.1	9.8	14.6

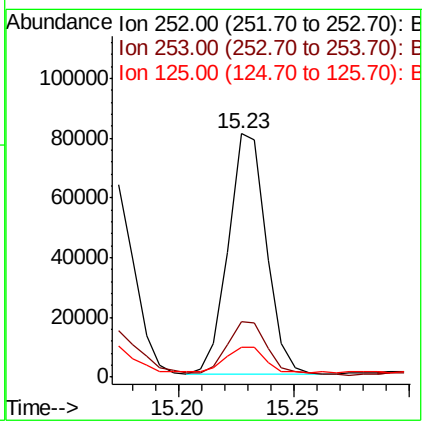


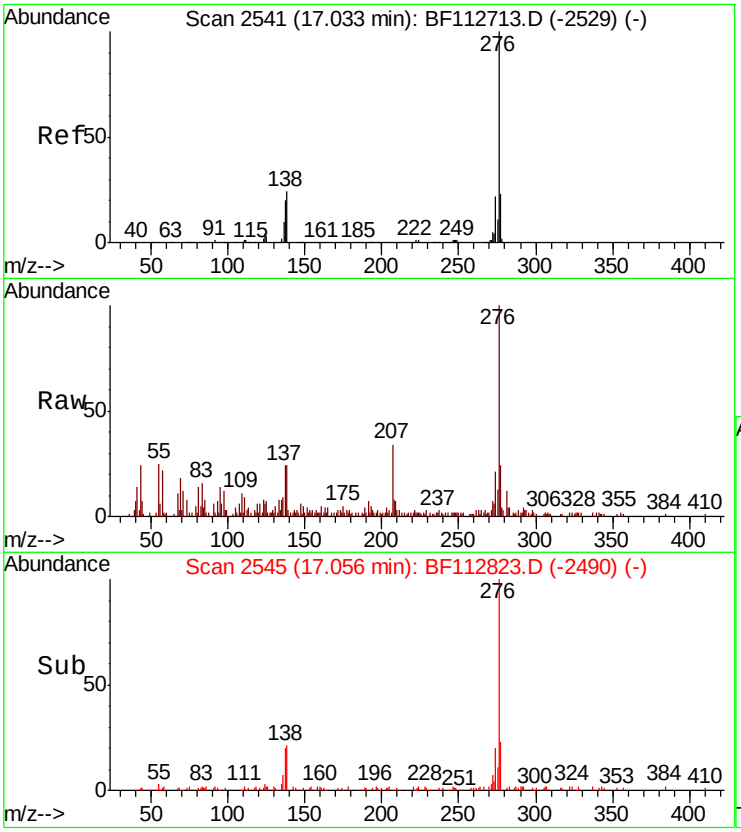


#90
Benzo(a)pyrene
Concen: 4.059 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Tgt Ion:252 Resp: 93122

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.5	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.321 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF112823.D
Acq: 4 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:276 Resp: 45631

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	23.8	19.4	29.0