Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113131.D
Acq On : 19 Mar 2019 17:50
Operator : JU/SJ
Sample : K1951-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-006-A

Quant Time: Mar 20 01:47:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	181384	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	634965	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	291268	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	450305	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	283060	20.00	ng		0.00
87) Perylene-d12	15.27	264	239679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1104142	94.69	ng		0.00
7) Phenol-d6	6.37	99	1428923	97.55	ng		0.00
23) Nitrobenzene-d5	7.29	82	885096	83.41	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	337242	109.06	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1420148	79.38	ng		-0.01
79) Terphenyl-d14	12.82	244	909582	62.29	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	116105	12.516	ng	#	75
25) Isophorone	7.29	82	868312	37.983	ng	#	66
37) 2-Methylnaphthalene	8.72	142	68952	3.387	ng		98
38) 1-Methylnaphthalene	8.82	142	65060	3.299	ng		97
50) Dimethylphthalate	9.47	163	123675	5.759	ng		99
52) Acenaphthene	9.79	154	48515	2.634	ng		96
55) Dibenzofuran	9.96	168	61117	2.283	ng	#	92
58) Fluorene	10.30	166	108754	5.725	ng		99
65) 4,6-Dinitro-2-methylphenol	10.54	198	650	4.930	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	19052	4.017	ng	#	1
71) Phenanthrene	11.26	178	577905	25.794	ng		99
72) Anthracene	11.31	178	147295	6.281	ng		97
75) Fluoranthene	12.44	202	484158	20.170	ng		96
78) Pyrene	12.67	202	436331	18.285	ng		98
81) Benzo(a)anthracene	13.85	228	208444	10.625	ng		98
83) Chrysene	13.89	228	177992	9.263	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	69627	4.250	ng	#	89
88) Benzo(b)fluoranthene	14.87	252	254254	16.400	ng		98
89) Benzo(k)fluoranthene	14.87	252	254254	18.106	ng		98
90) Benzo(a)pyrene	15.22	252	137205	10.006	ng		97
92) Benzo(g,h,i)perylene	17.04	276	62416	5.312	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113131.D
Acq On : 19 Mar 2019 17:50
Operator : JU/SJ
Sample : K1951-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Quant Time: Mar 20 01:47:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
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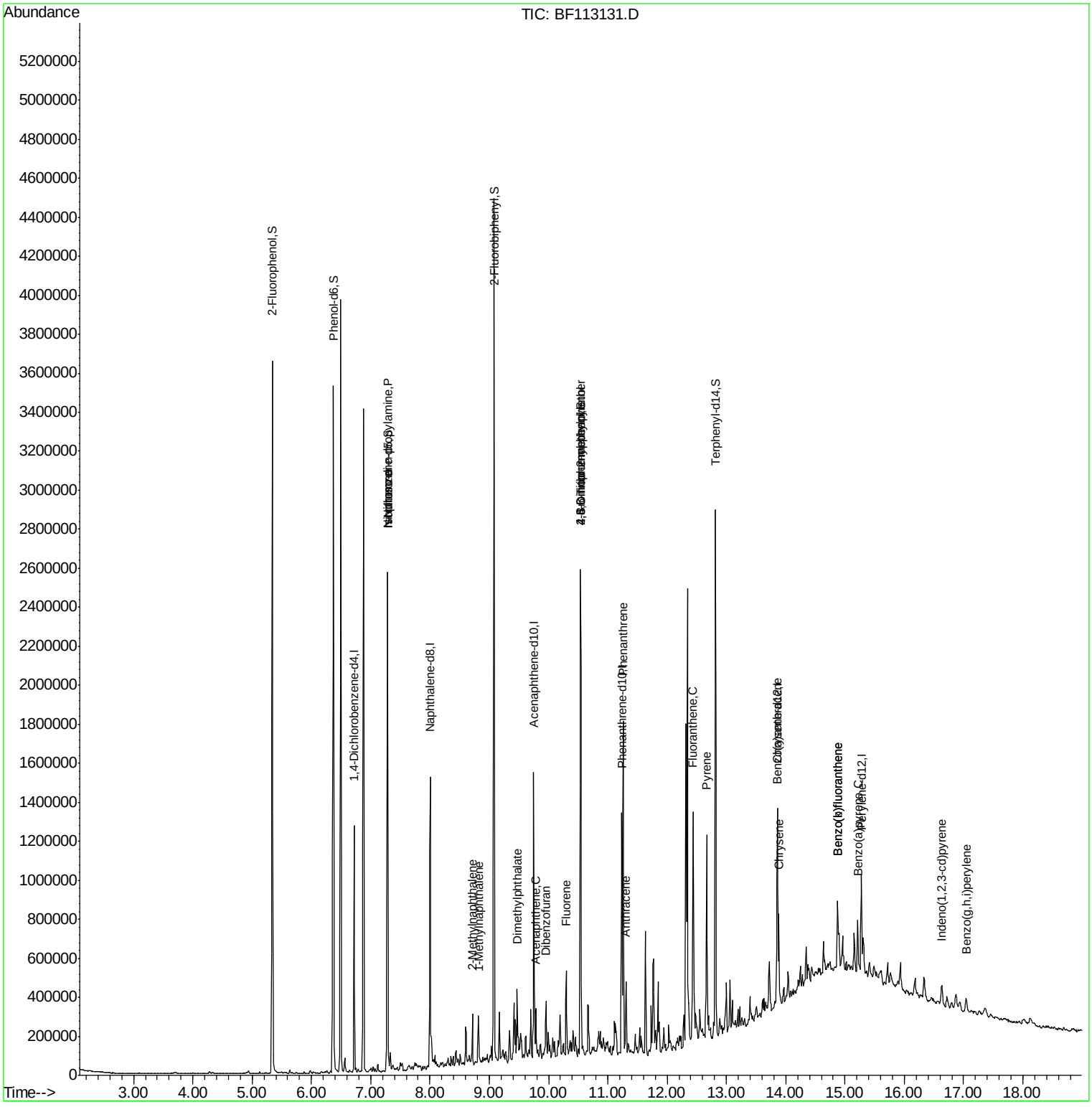
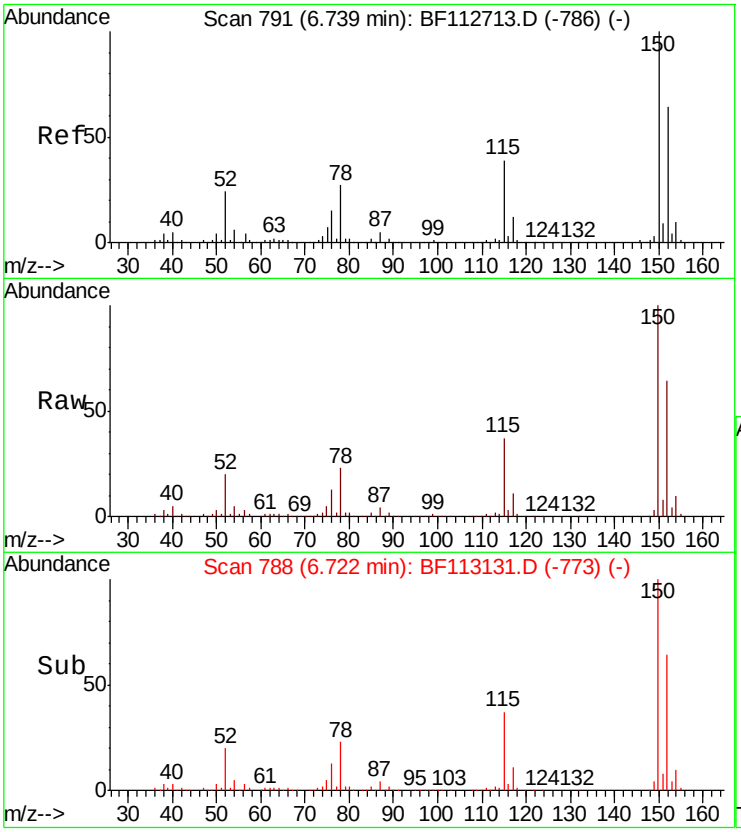


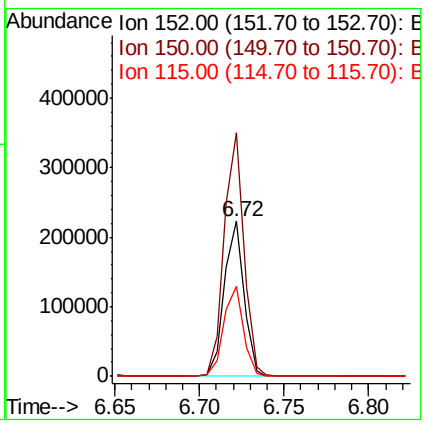


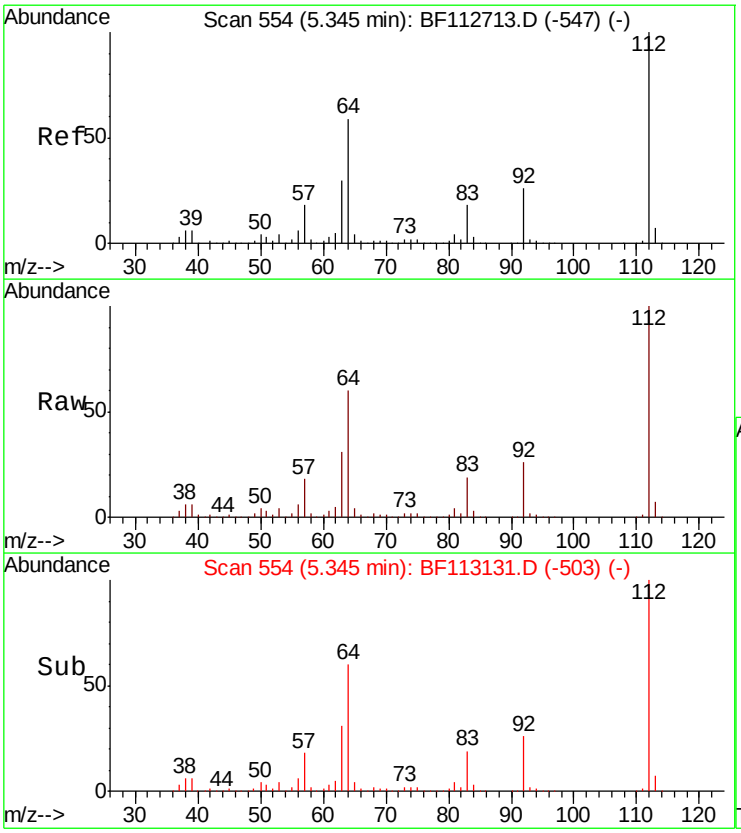
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:152 Resp: 181384

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	57.6	48.2	72.4

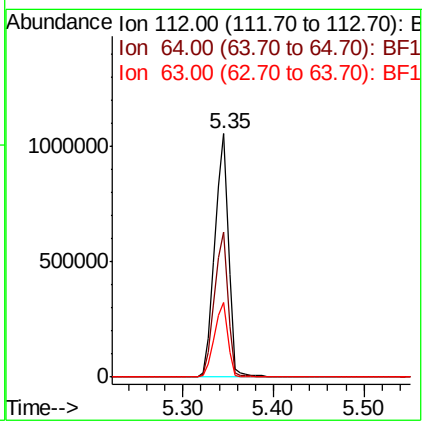


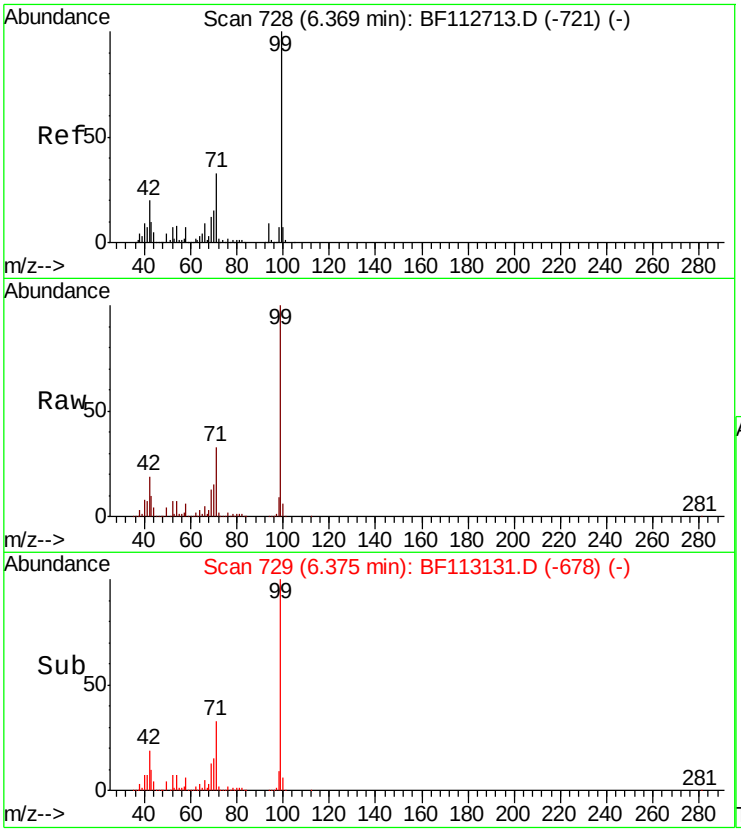


#5
2-Fluorophenol
Concen: 94.691 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:112 Resp: 1104142

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.6	71.4
63	30.9	24.4	36.6



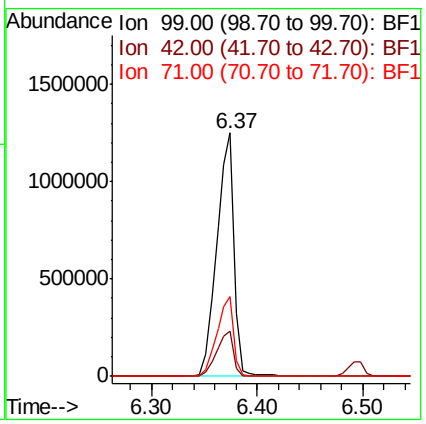


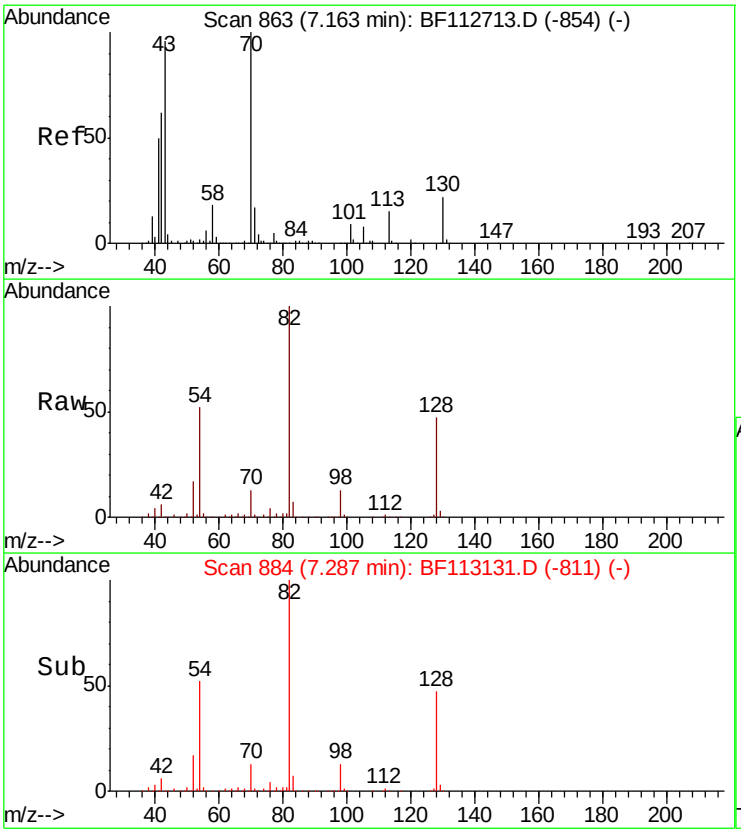
#7
Phenol-d6
Concen: 97.554 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion: 99 Resp: 1428923

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	32.9	26.2	39.4

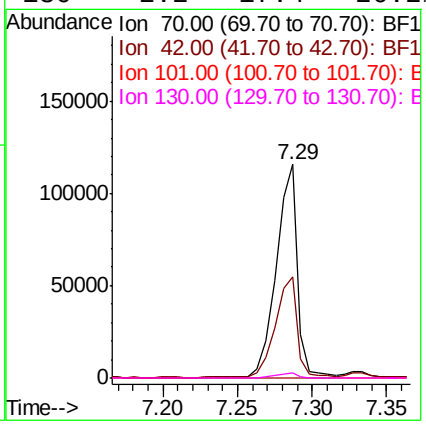


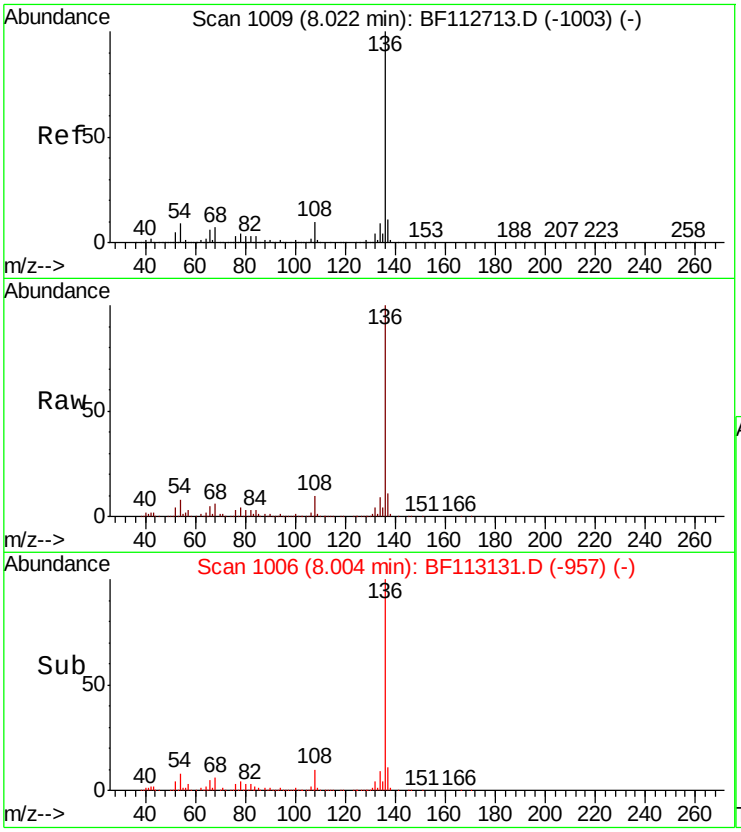


#19
n-Nitroso-di-n-propylamine
Concen: 12.516 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion: 70 Resp: 116105

Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



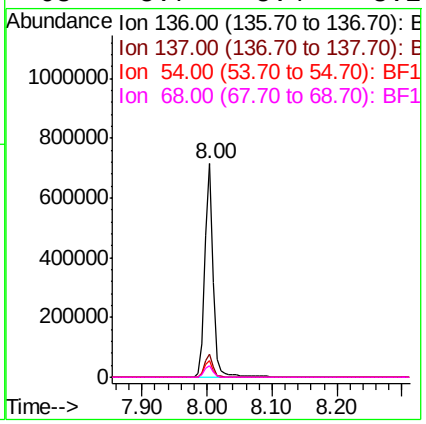


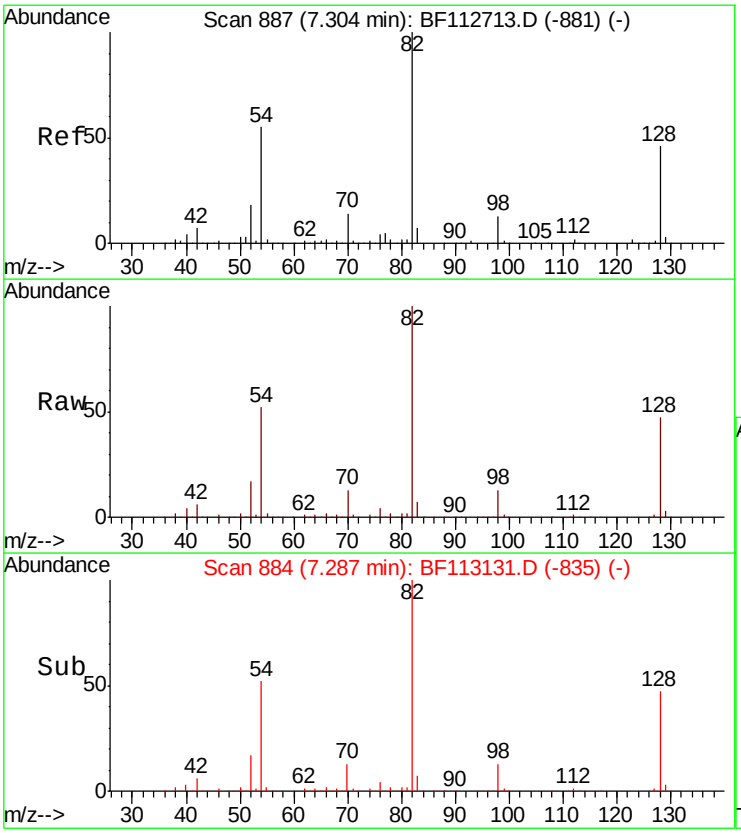
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:136 Resp: 634965

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	5.7	5.4	8.2

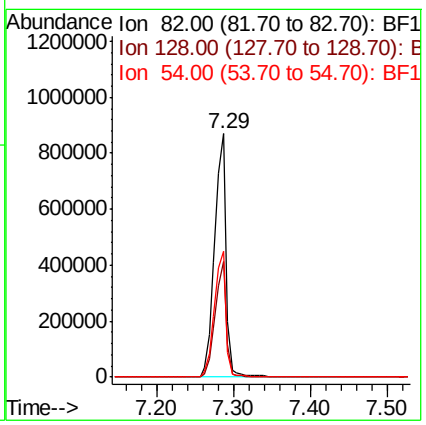


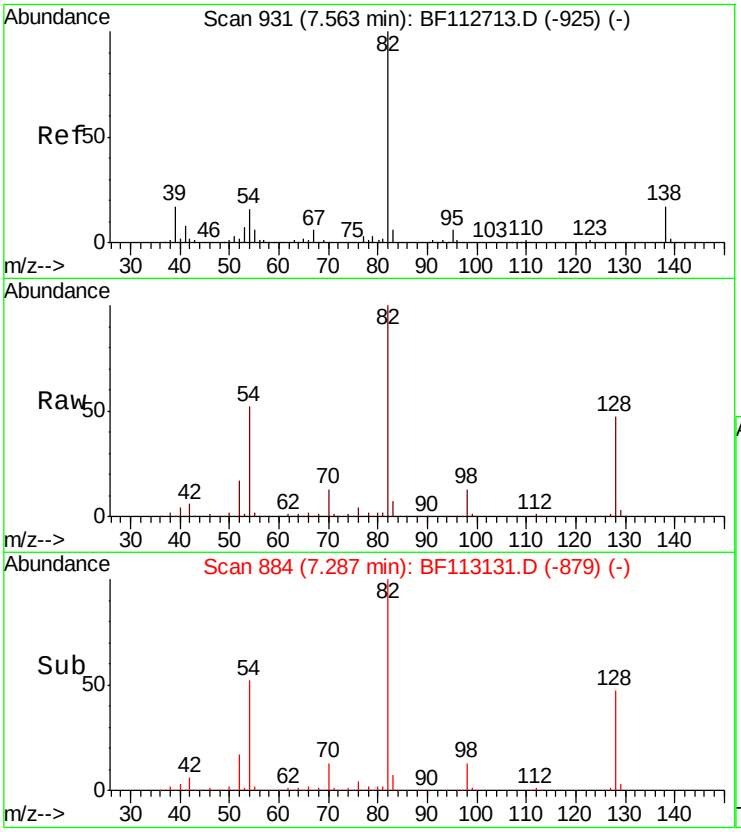


#23
Nitrobenzene-d5
Concen: 83.410 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion: 82 Resp: 885096

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	51.7	43.7	65.5



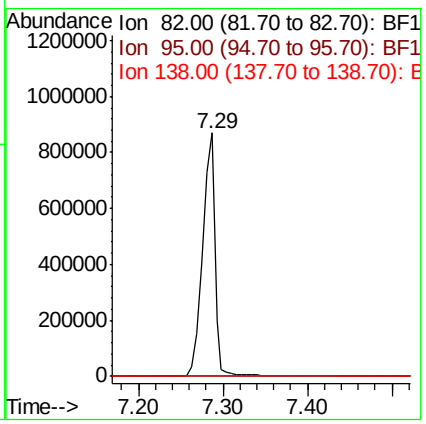


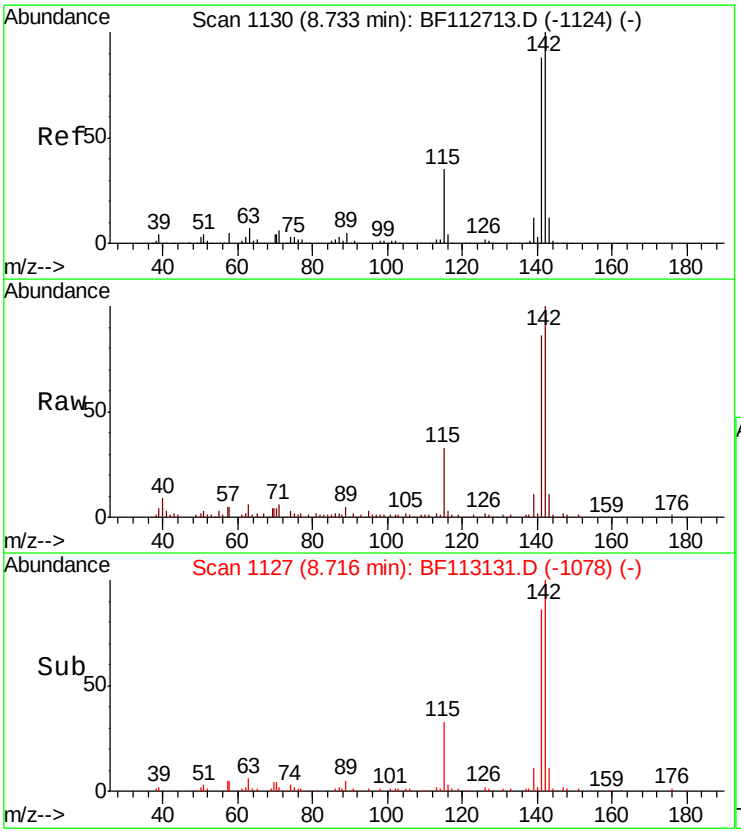
#25
Isophorone
Concen: 37.983 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion: 82 Resp: 868312

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

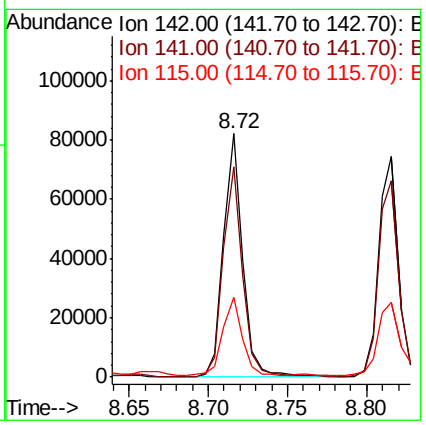


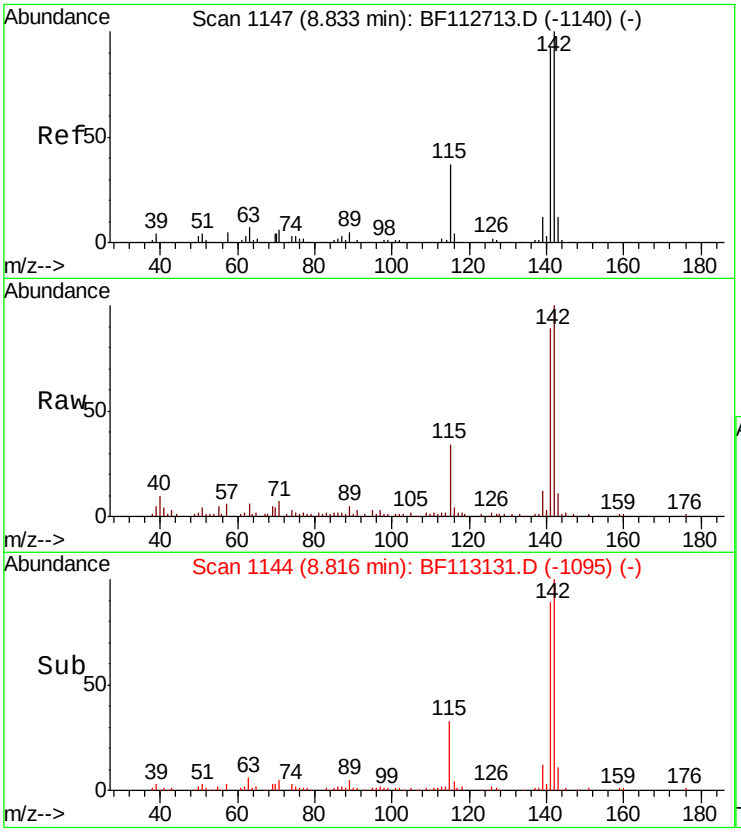


#37
2-Methylnaphthalene
Concen: 3.387 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:142 Resp: 68952

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.3	105.5
115	33.0	27.8	41.6



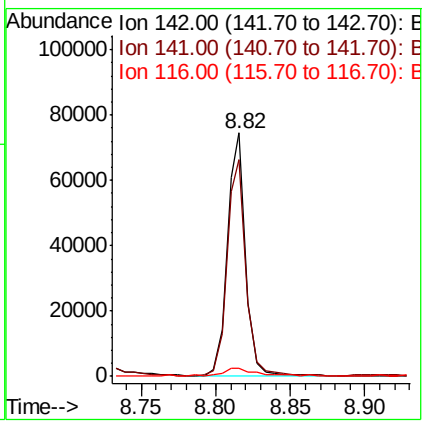


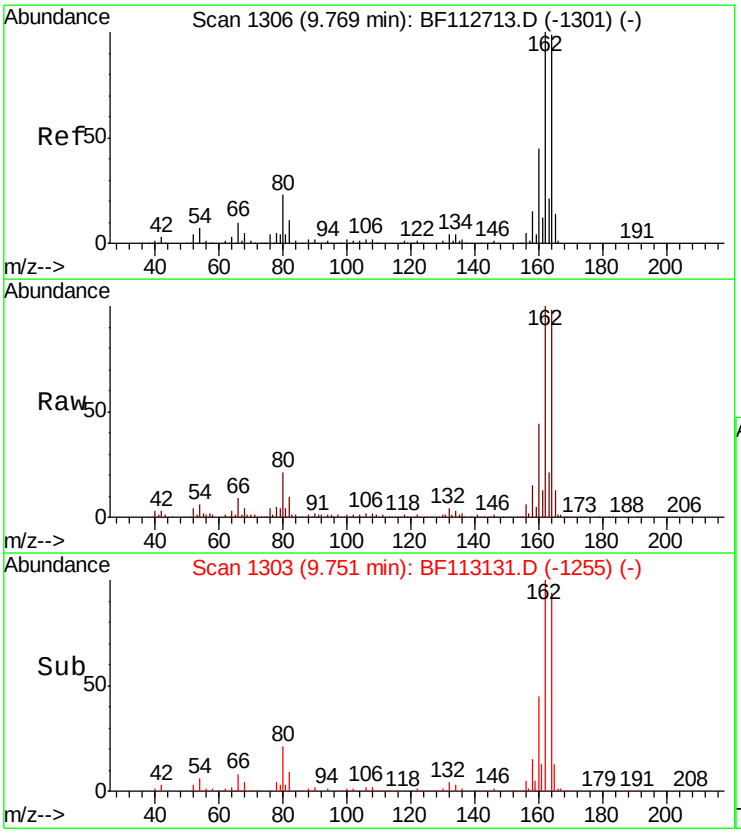
#38
1-Methylnaphthalene
Concen: 3.299 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:142 Resp: 65060

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.7	110.5
116	3.5	3.1	4.7

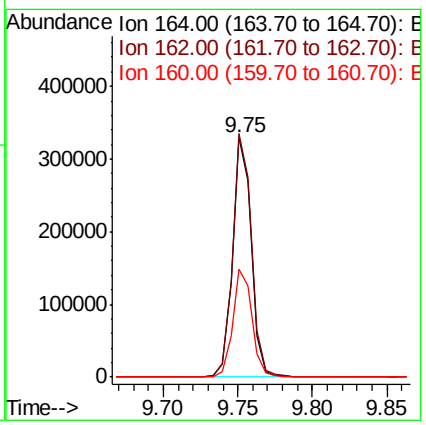


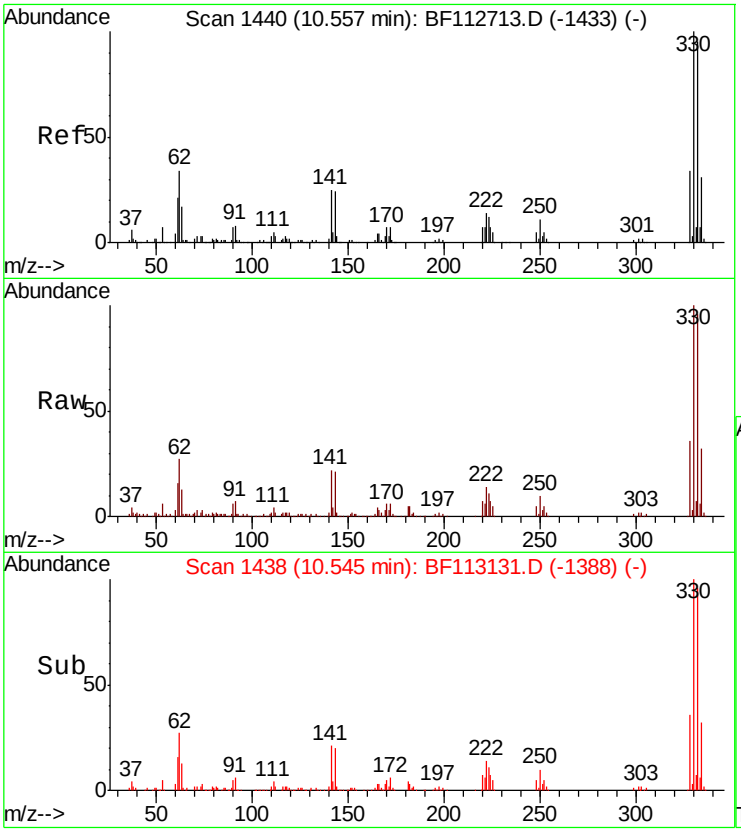


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:164 Resp: 291268

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.1	36.0	54.0



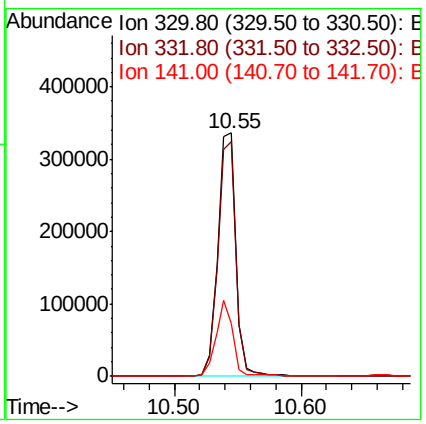


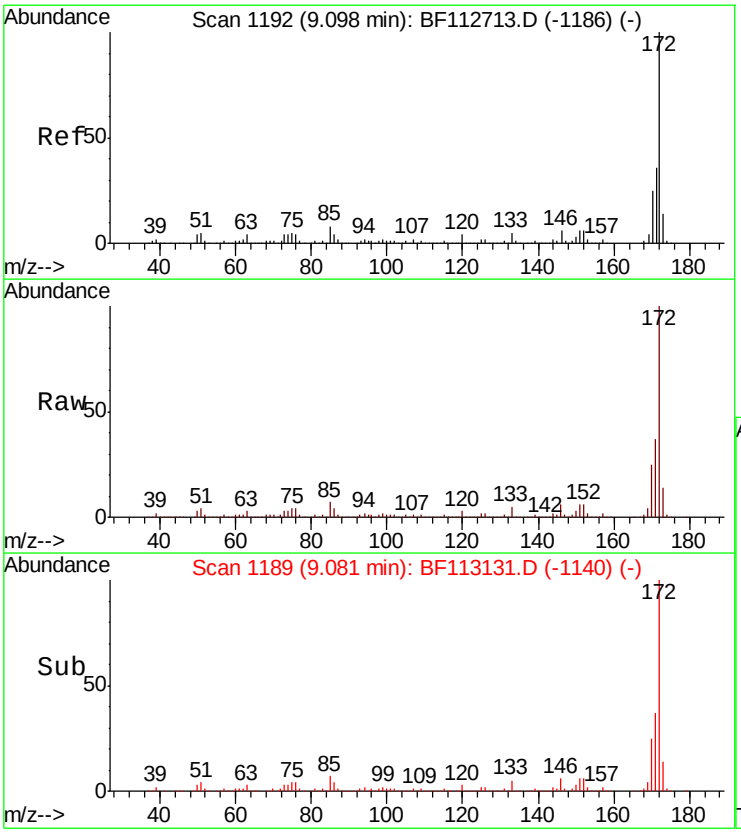
#42
2,4,6-Tribromophenol
Concen: 109.063 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:330 Resp: 337242

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	28.3	27.0	40.6

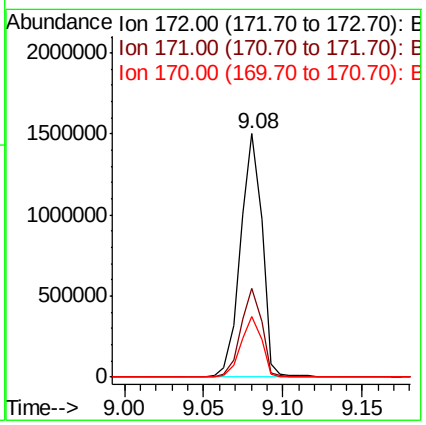


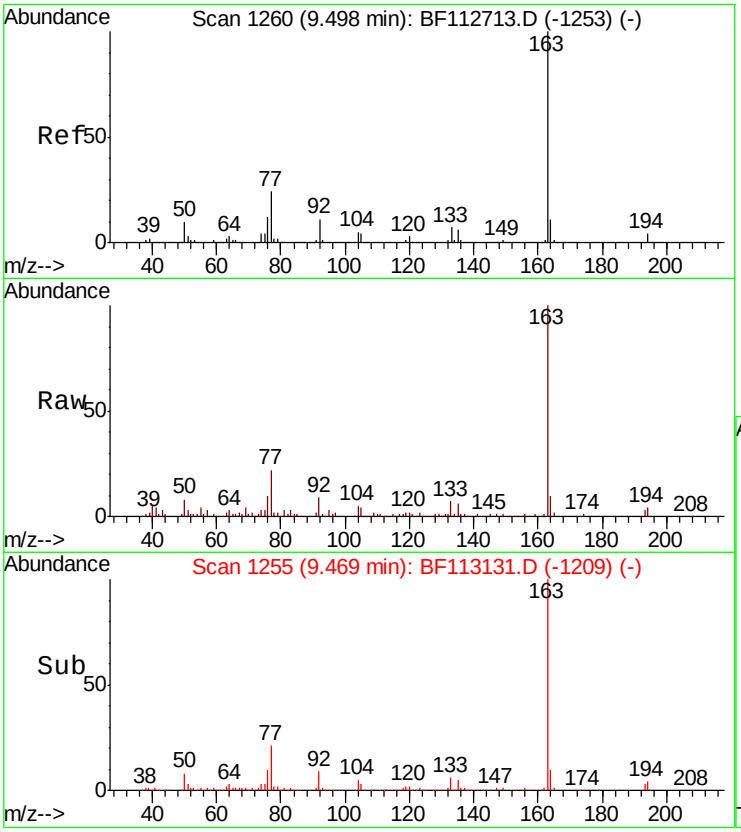


#45
2-Fluorobiphenyl
Concen: 79.384 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:172 Resp: 1420148

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.8	20.0	30.0



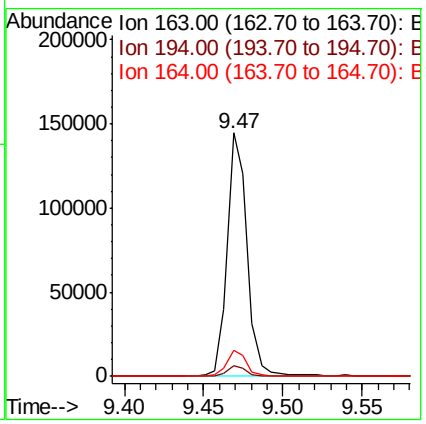


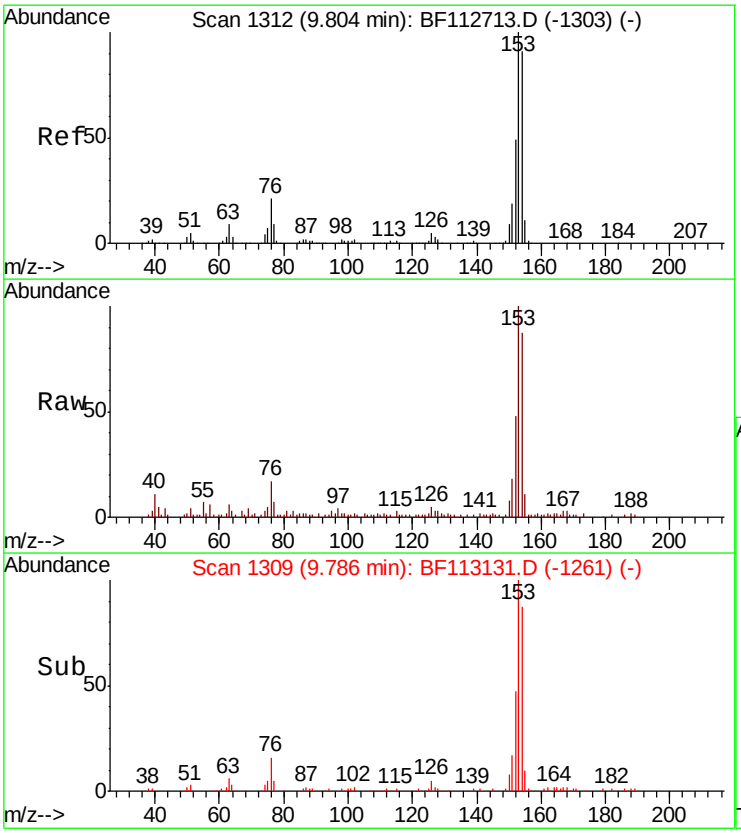
#50
Dimethylphthalate
Concen: 5.759 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:163 Resp: 123675

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	10.4	8.4	12.6

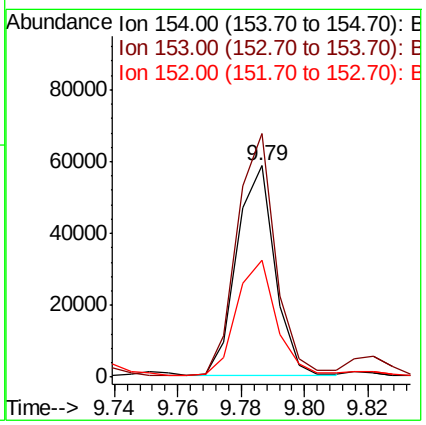


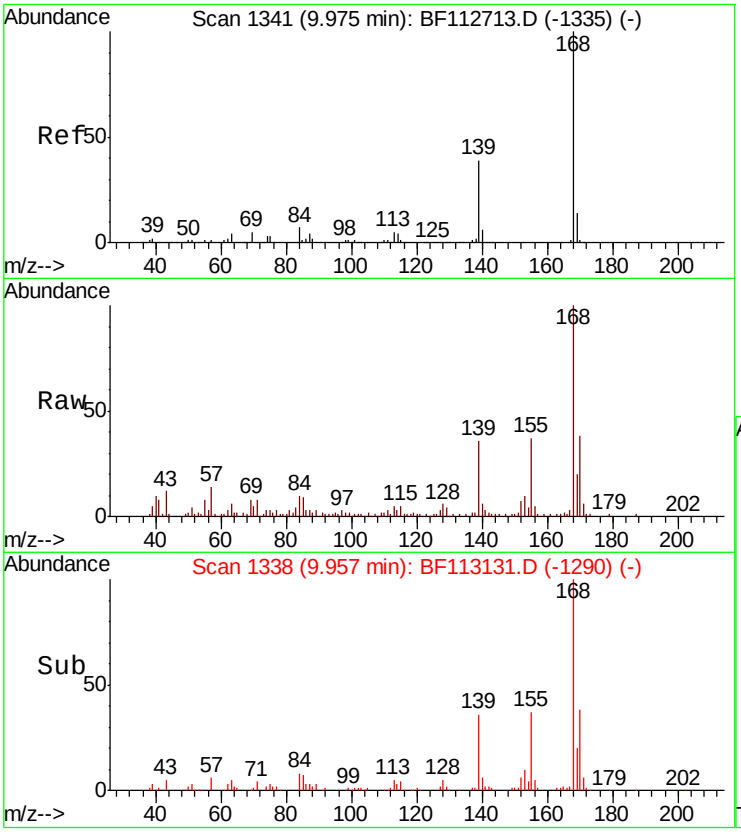


#52
Acenaphthene
Concen: 2.634 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:154 Resp: 48515

Ion	Ratio	Lower	Upper
154	100		
153	115.2	87.8	131.8
152	55.3	43.0	64.6



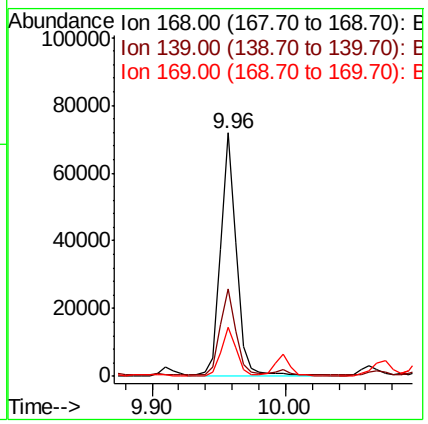


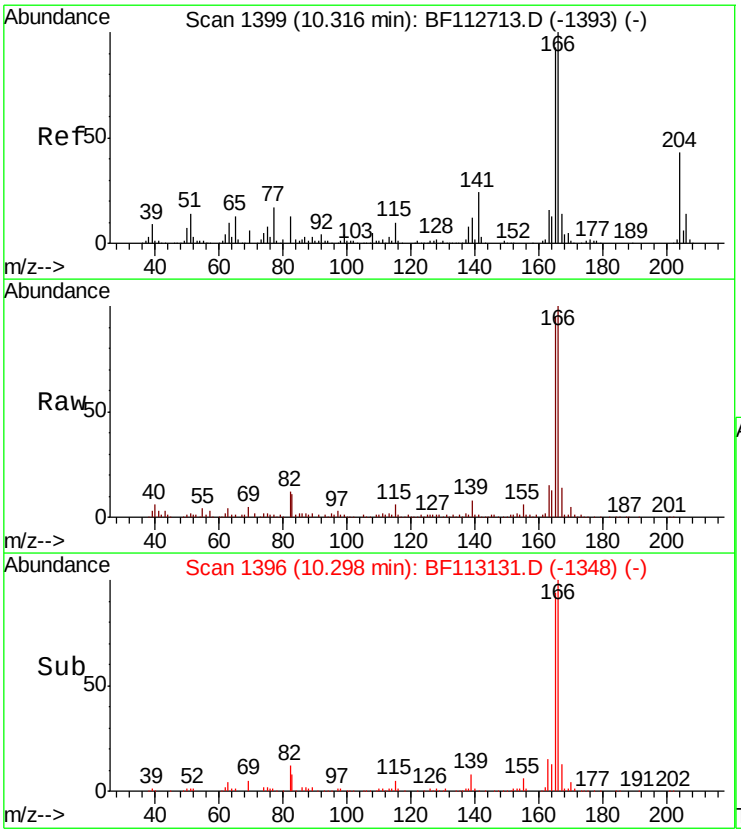
#55
Dibenzofuran
Concen: 2.283 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:168 Resp: 61117

Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.3	46.9
169	20.2	11.3	16.9#

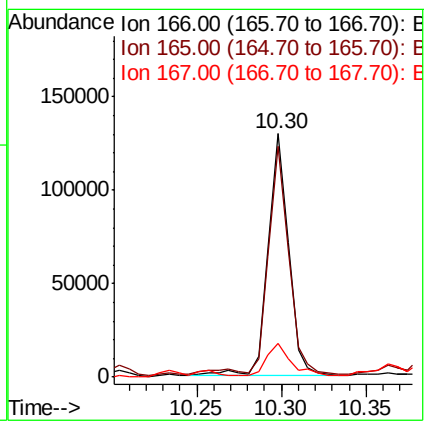


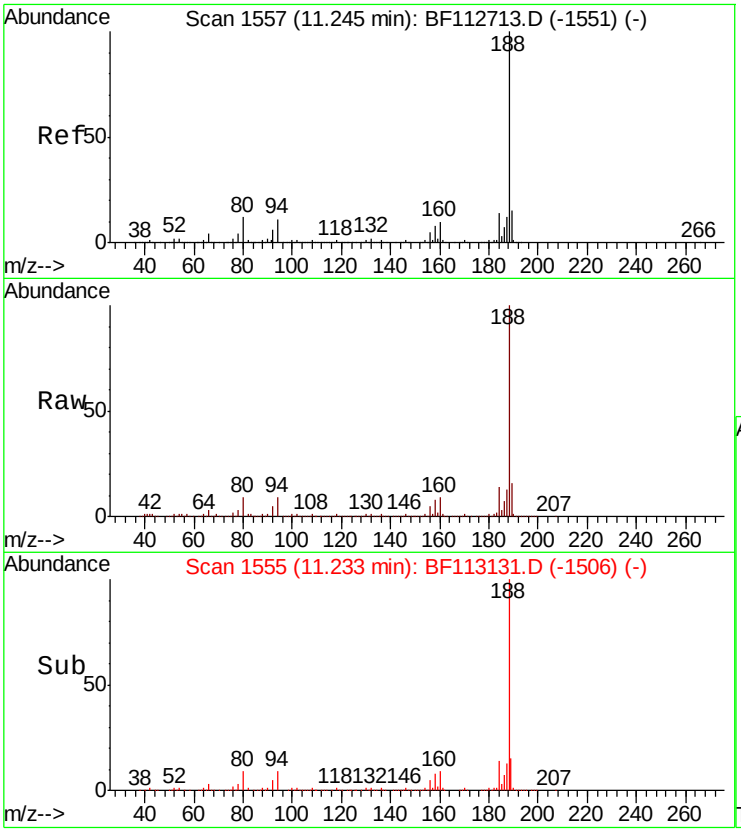


#58
Fluorene
Concen: 5.725 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:166 Resp: 108754

Ion	Ratio	Lower	Upper
166	100		
165	94.6	74.7	112.1
167	13.9	11.0	16.6



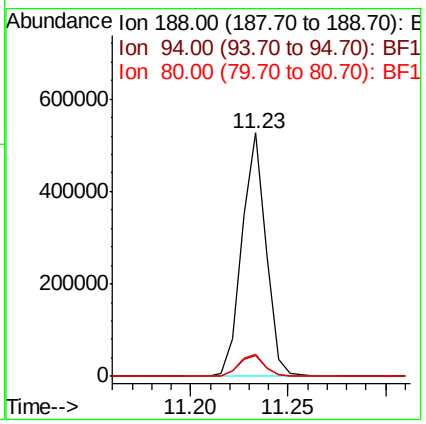


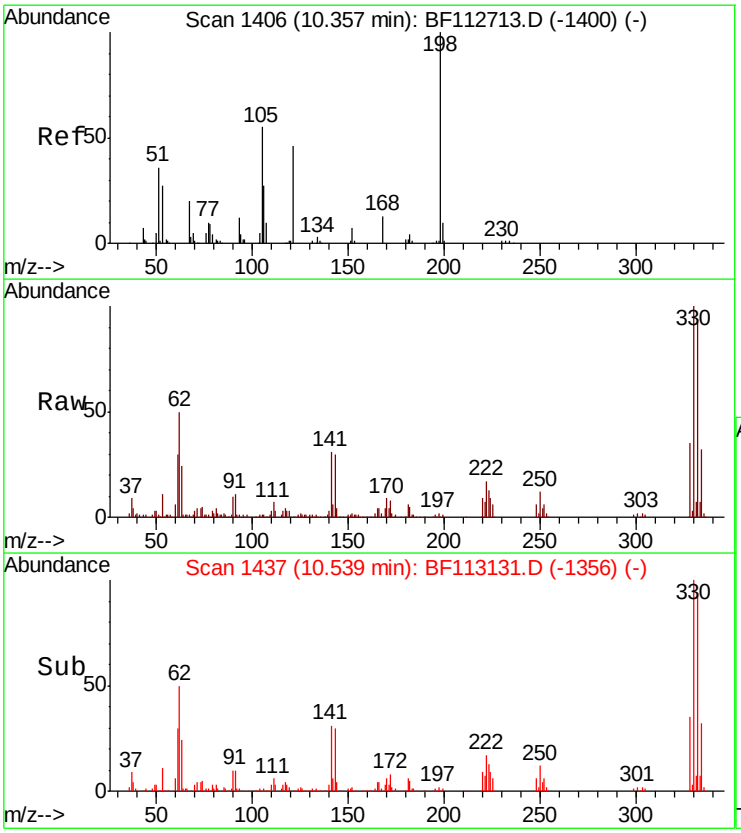
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:188 Resp: 450305

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.2	9.2	13.8#

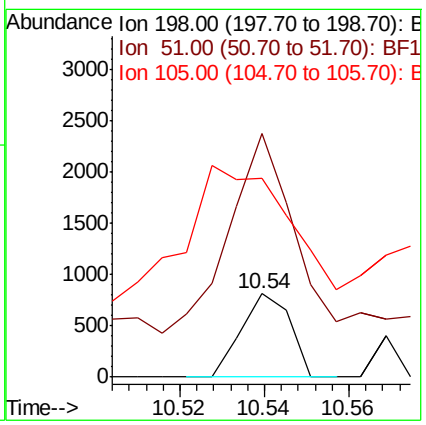


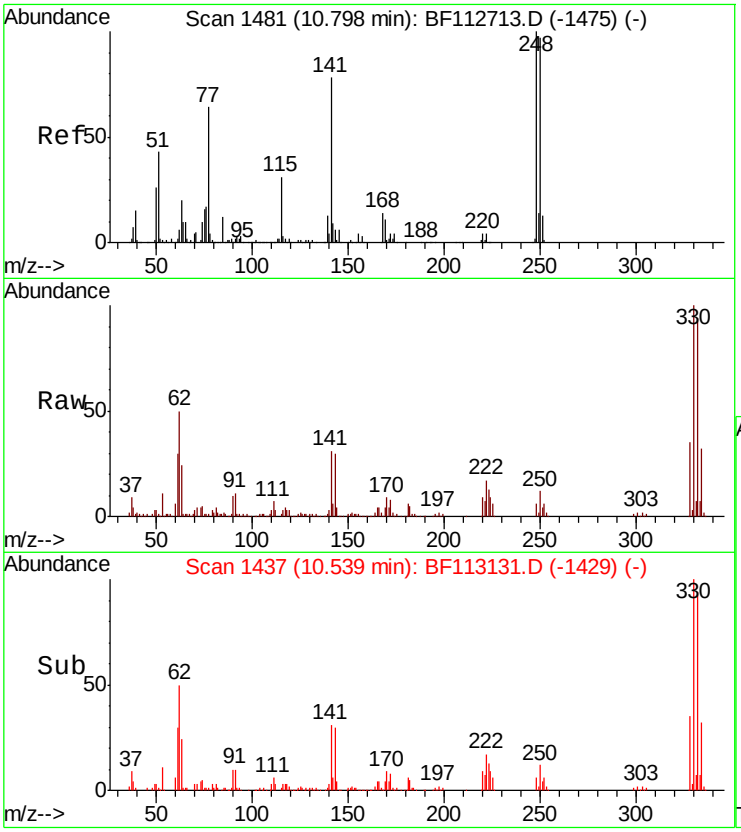


#65
4,6-Dinitro-2-methylphenol
Concen: 4.930 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:198 Resp: 650

Ion	Ratio	Lower	Upper
198	100		
51	292.1	43.8	83.8#
105	238.6	36.5	76.5#



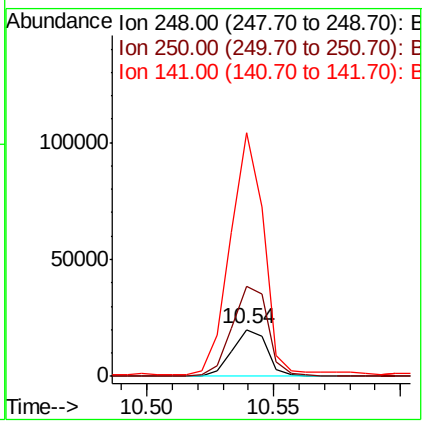


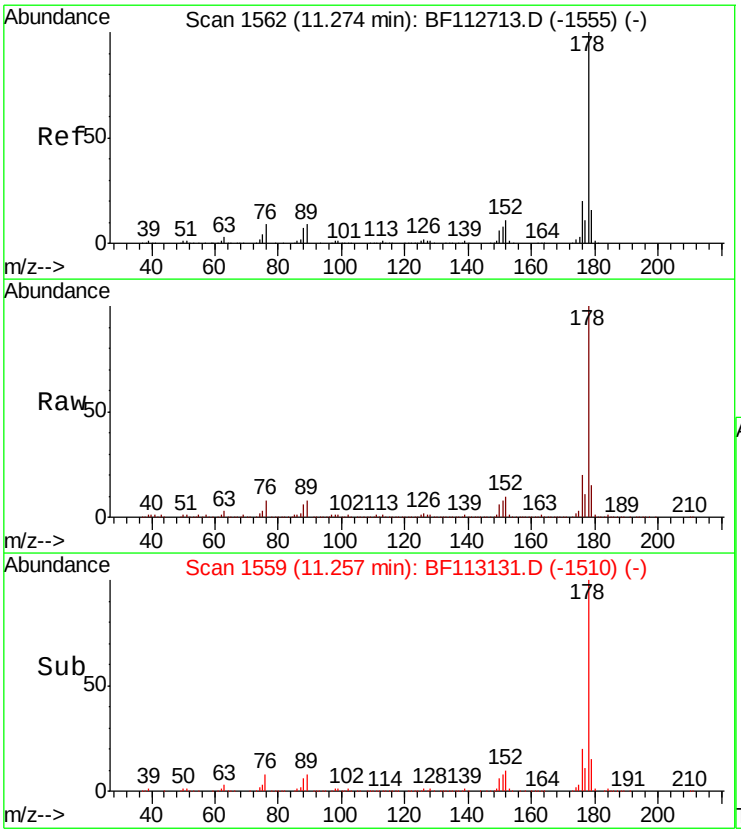
#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:248 Resp: 19052

Ion	Ratio	Lower	Upper
248	100		
250	194.6	77.5	116.3#
141	522.6	62.4	93.6#

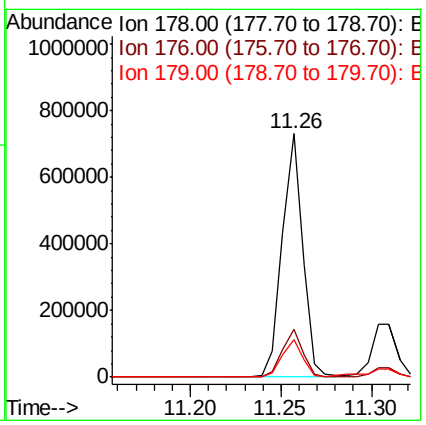


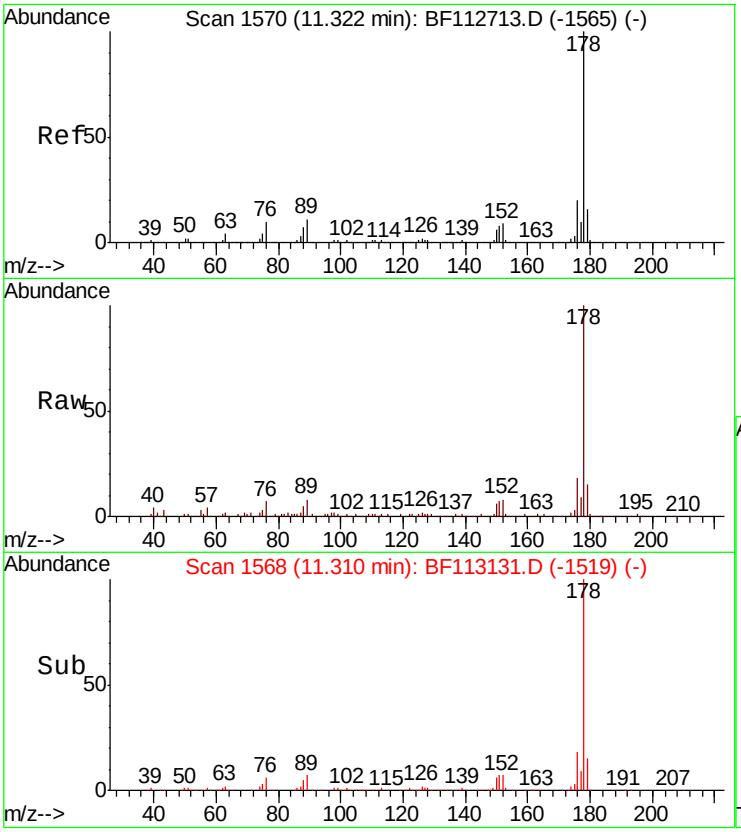


#71
Phenanthrene
Concen: 25.794 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:178 Resp: 577905

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.4	12.7	19.1



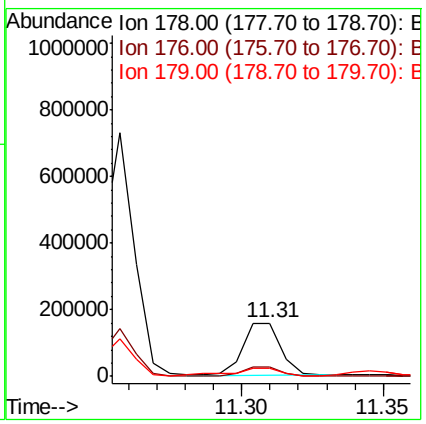


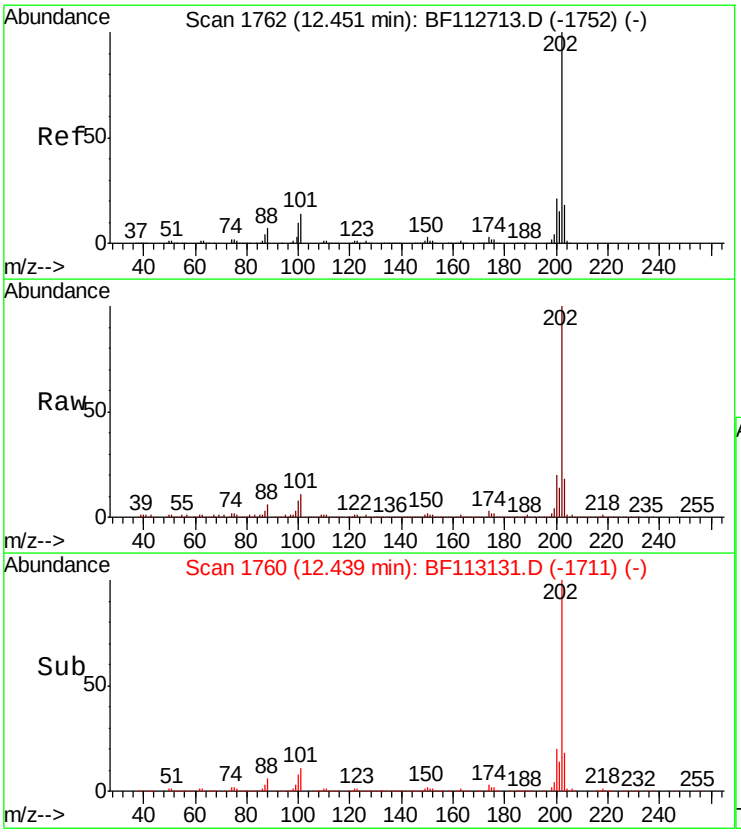
#72
Anthracene
Concen: 6.281 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:178 Resp: 147295

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.6
179	15.1	13.0	19.6

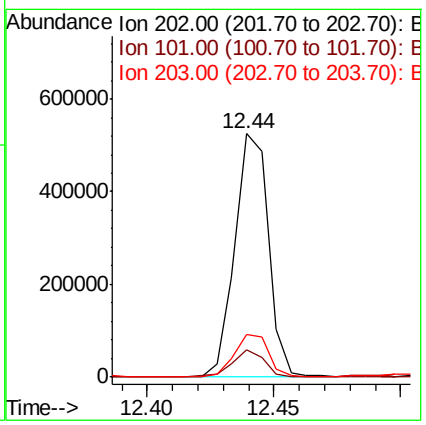


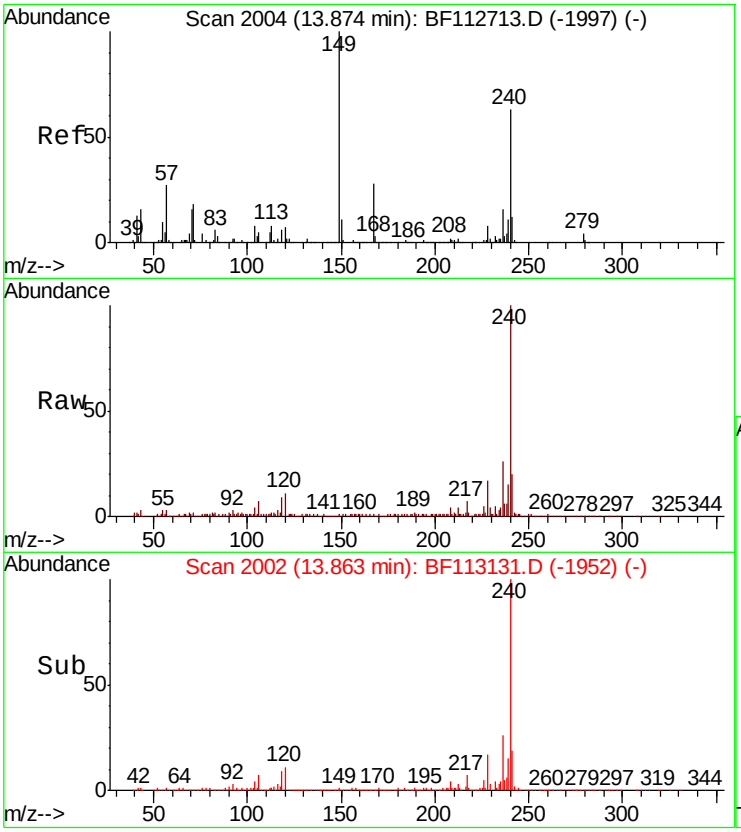


#75
Fluoranthene
Concen: 20.170 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:202 Resp: 484158

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	17.7	0.0	38.4



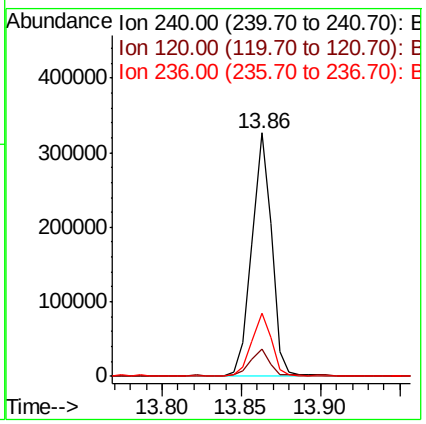


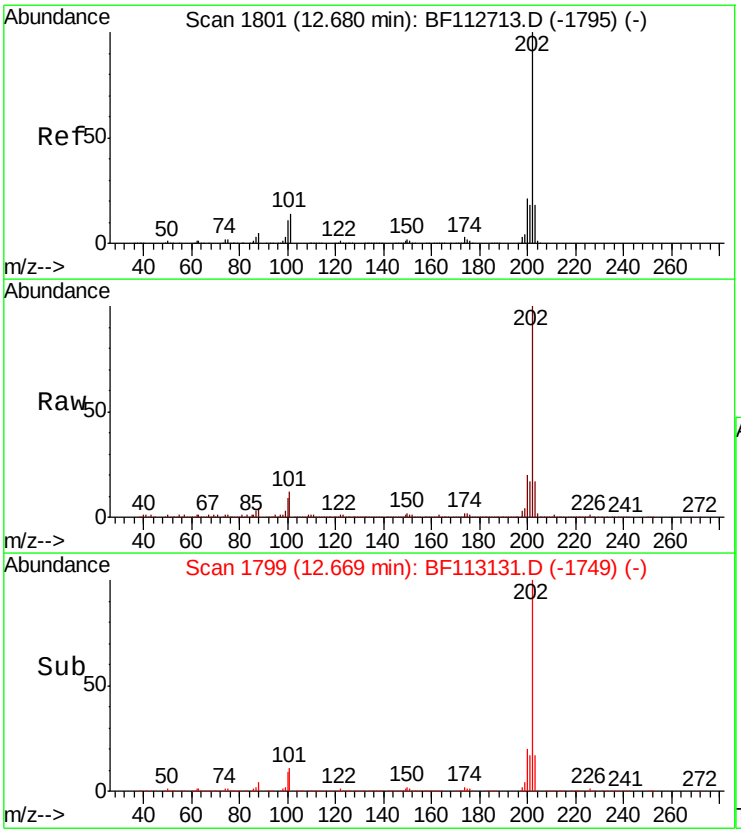
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:240 Resp: 283060

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.1	20.7	31.1

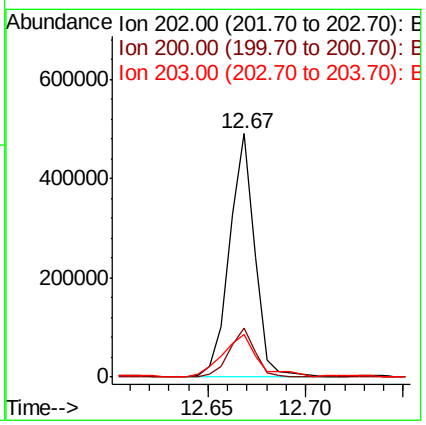


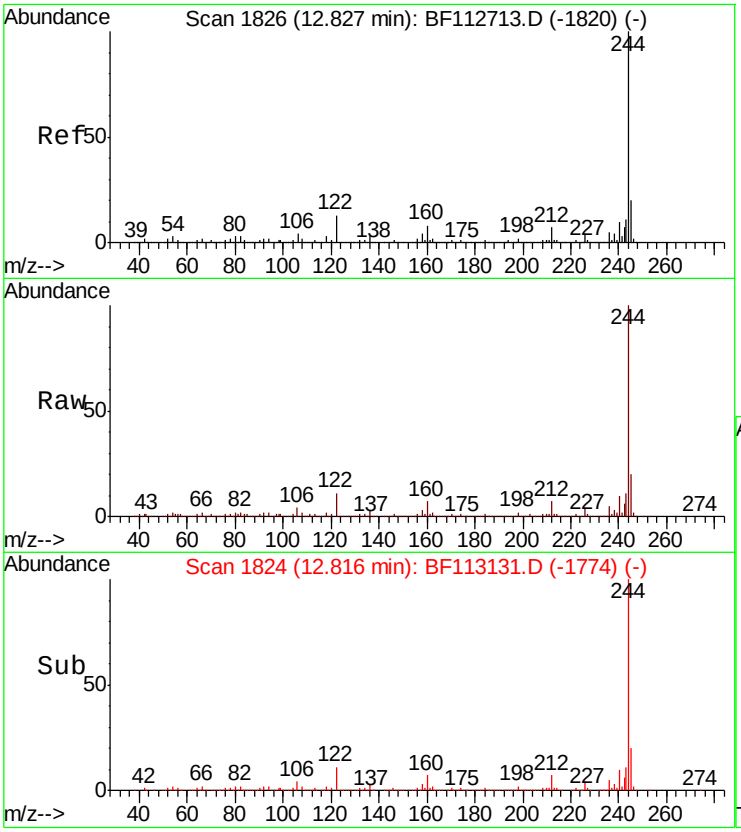


#78
Pyrene
Concen: 18.285 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:202 Resp: 436331

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.4
203	17.5	14.4	21.6



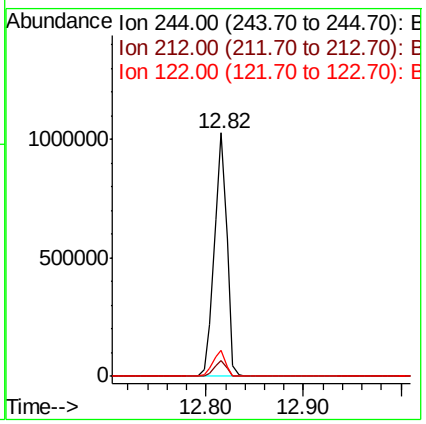


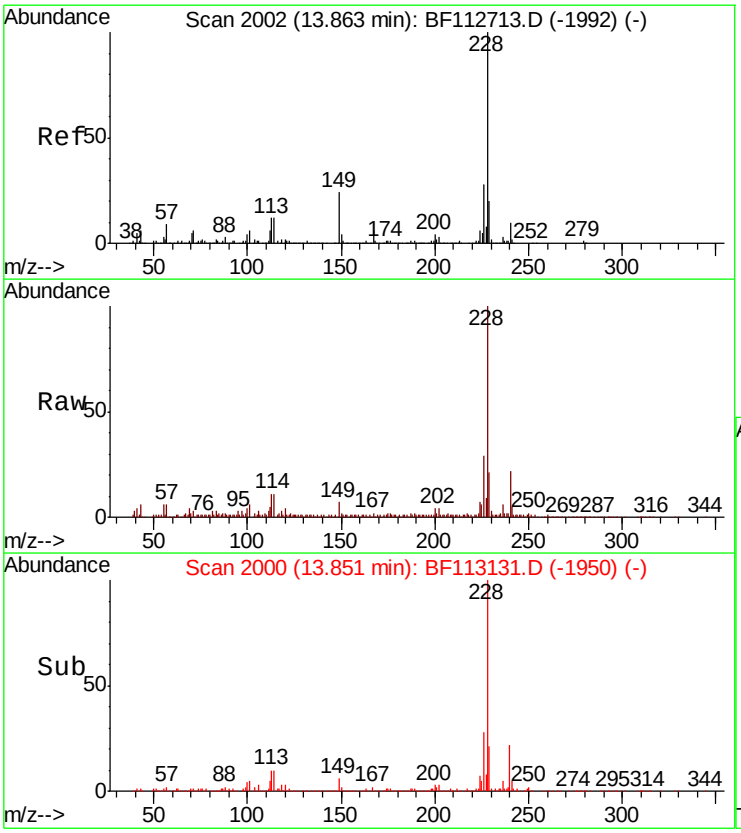
#79
Terphenyl-d14
Concen: 62.291 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:244 Resp: 909582

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	10.5	15.7

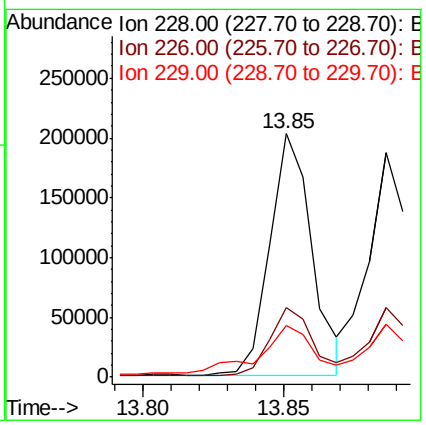


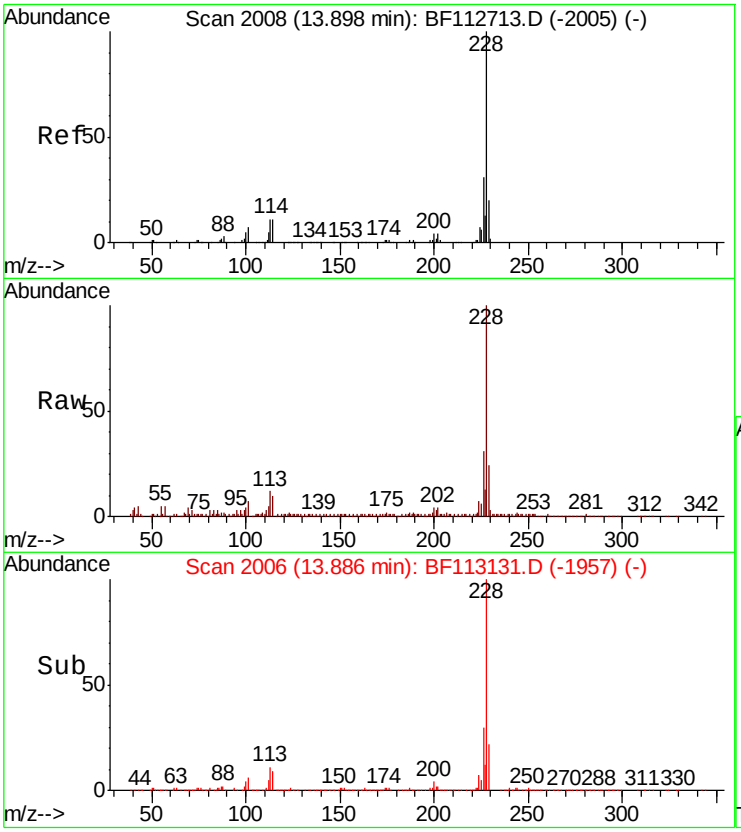


#81
Benzo(a)anthracene
Concen: 10.625 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:228 Resp: 208444

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	21.5	16.0	24.0



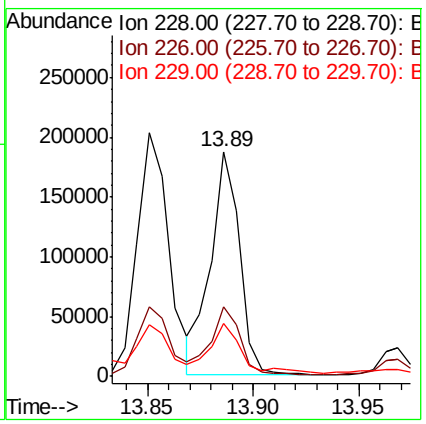


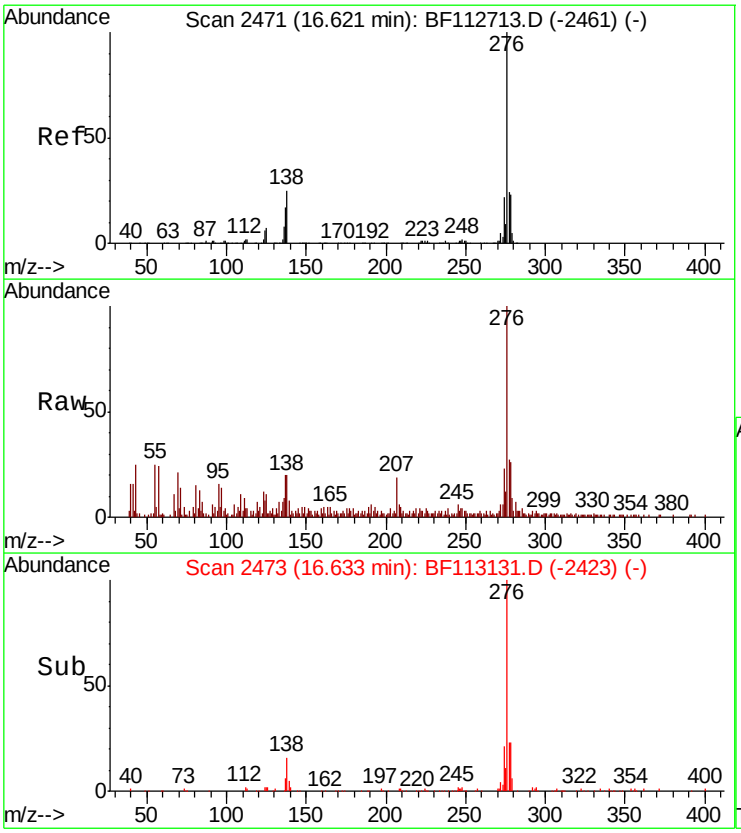
#83
Chrysene
Concen: 9.263 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:228 Resp: 177992

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	23.6	16.3	24.5

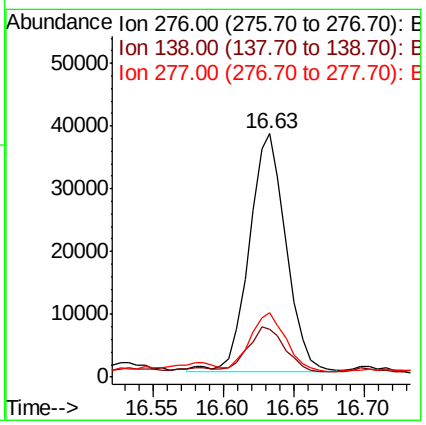


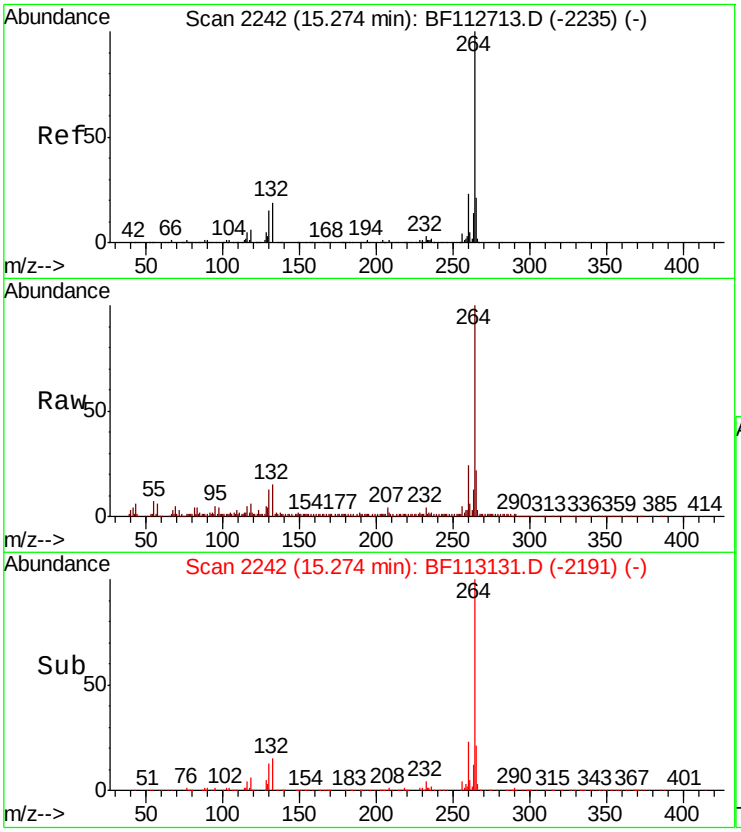


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.250 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:276 Resp: 69627

Ion	Ratio	Lower	Upper
276	100		
138	18.4	23.2	34.8#
277	24.0	19.9	29.9



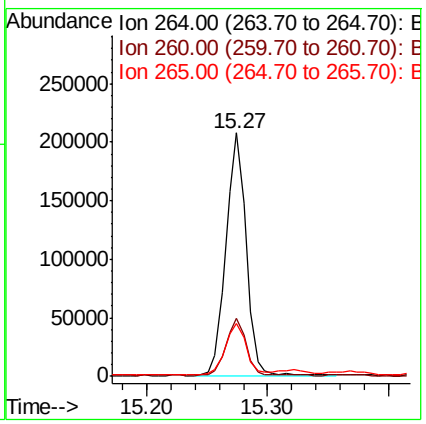


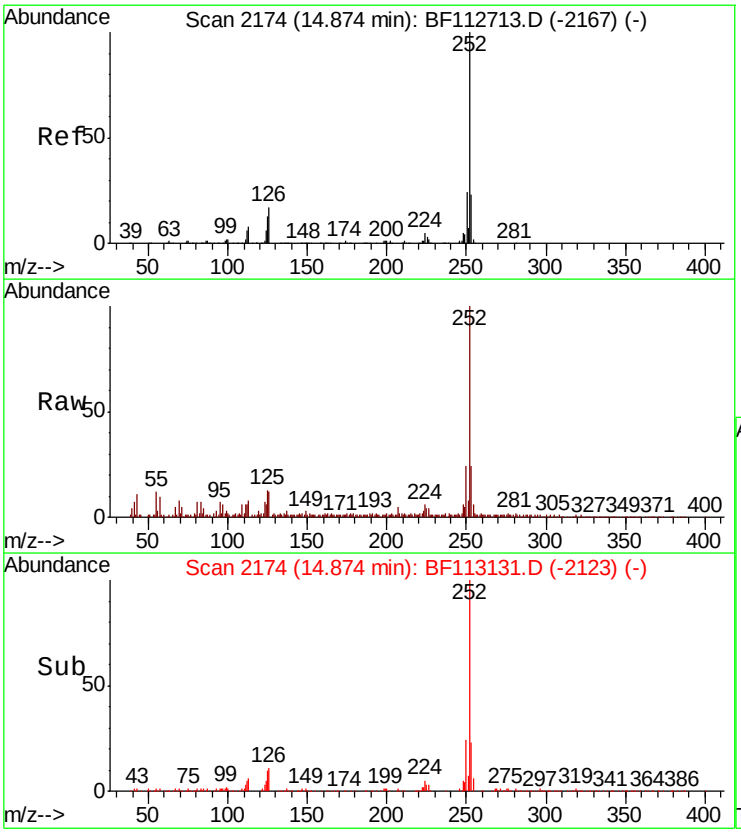
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:264 Resp: 239679

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.2	25.8

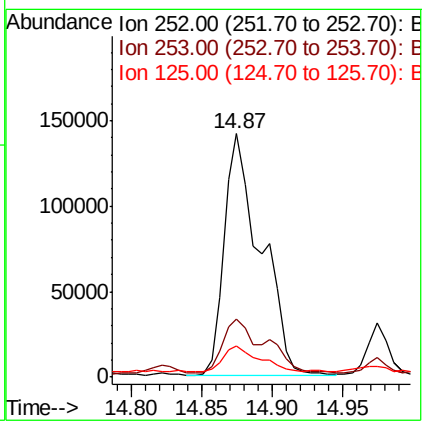


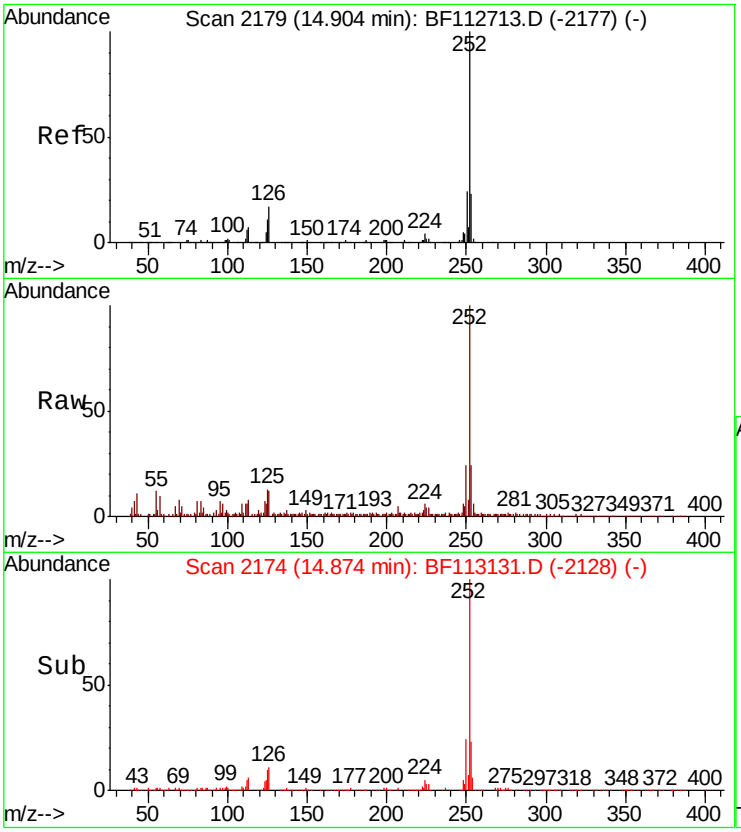


#88
Benzo(b)fluoranthene
Concen: 16.400 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:252 Resp: 254254

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	12.7	10.2	15.2



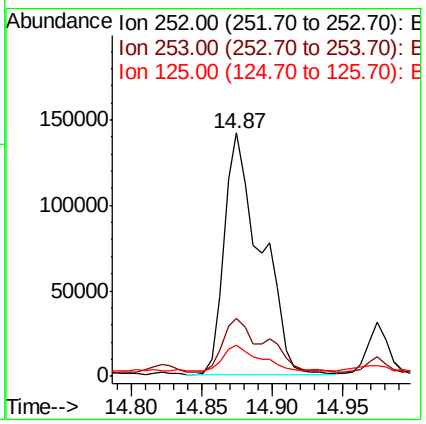


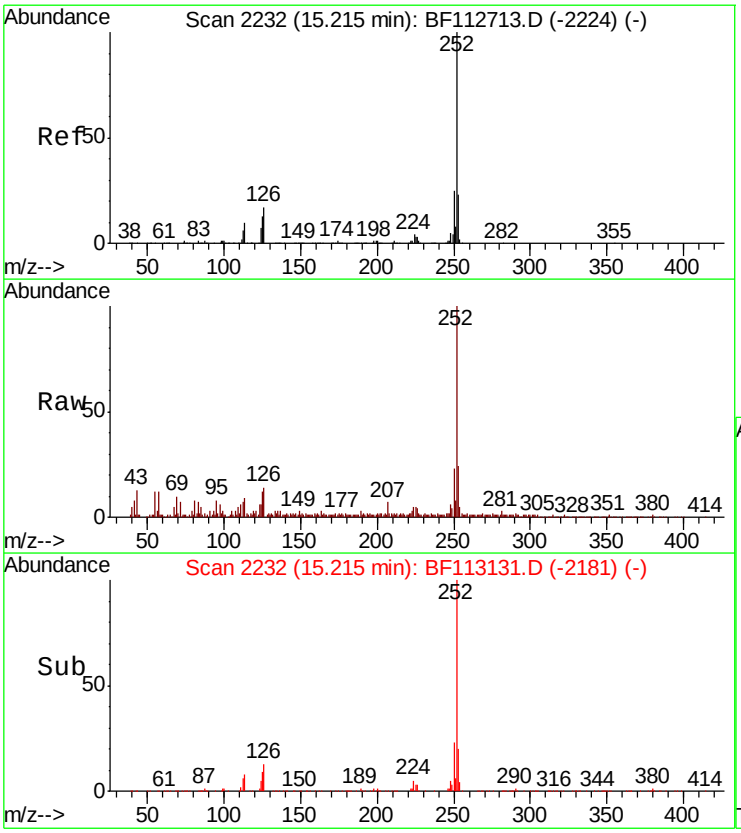
#89
Benzo(k)fluoranthene
Concen: 18.106 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:252 Resp: 254254

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	12.7	9.8	14.6

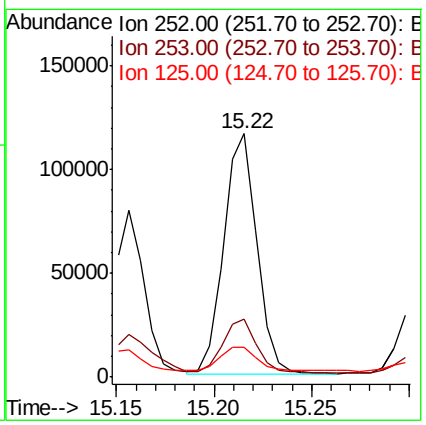


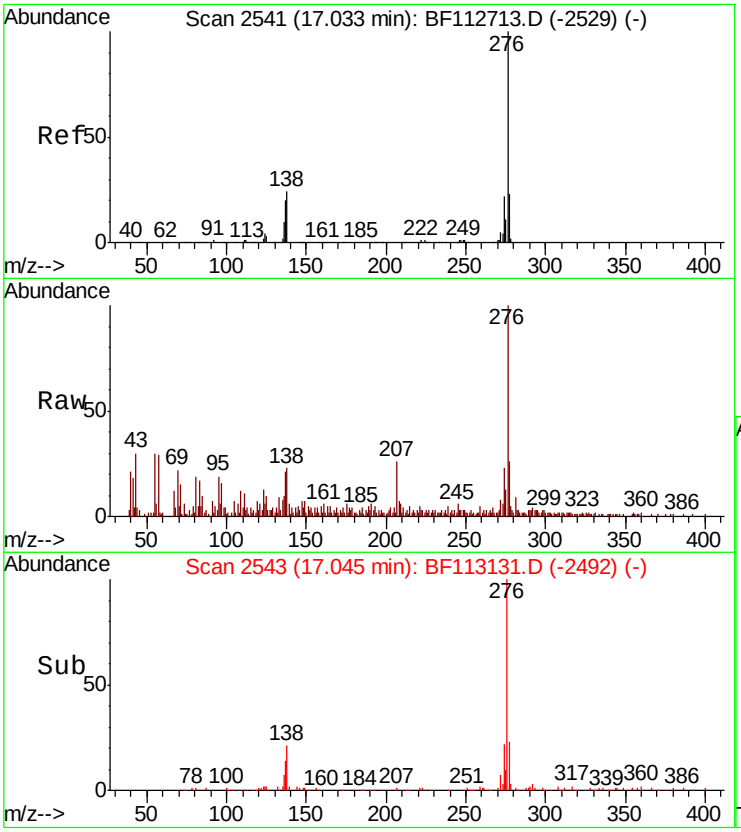


#90
Benzo(a)pyrene
Concen: 10.006 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Tgt Ion:252 Resp: 137205

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.1	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 5.312 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113131.D
Acq: 19 Mar 2019 17:50

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-A

Tgt Ion:276 Resp: 62416

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	27.8
138	23.2	19.4	29.0