Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113132.D
Acq On : 19 Mar 2019 18:18
Operator : JU/SJ
Sample : K1951-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 20 01:47:57 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	151599	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	552777	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	251371	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	430185	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	314307	20.00	ng		0.00
87) Perylene-d12	15.27	264	258465	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1000711	102.68	ng		0.00
7) Phenol-d6	6.37	99	1331800	108.79	ng		0.00
23) Nitrobenzene-d5	7.29	82	708789	76.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	302261	113.26	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1242589	80.85	ng		-0.01
79) Terphenyl-d14	12.82	244	1013555	62.51	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	94121	12.139	ng	#	76
25) Isophorone	7.29	82	695207	34.932	ng	#	66
50) Dimethylphthalate	9.47	163	108278	5.842	ng		100
58) Fluorene	10.30	166	35096	2.141	ng		95
65) 4,6-Dinitro-2-methylphenol	10.54	198	663	4.952	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	17627	3.890	ng	#	1
71) Phenanthrene	11.26	178	197792	9.241	ng		98
72) Anthracene	11.31	178	46903	2.093	ng		97
75) Fluoranthene	12.44	202	214424	9.351	ng		95
78) Pyrene	12.67	202	202295	7.635	ng		98
81) Benzo(a)anthracene	13.85	228	84598	3.884	ng		98
83) Chrysene	13.89	228	77792	3.646	ng		97
88) Benzo(b)fluoranthene	14.87	252	102381	6.124	ng	#	94
89) Benzo(k)fluoranthene	14.87	252	102381	6.761	ng	#	94
90) Benzo(a)pyrene	15.22	252	55405	3.747	ng		97
92) Benzo(g,h,i)perylene	17.04	276	27586	2.177	ng	#	91

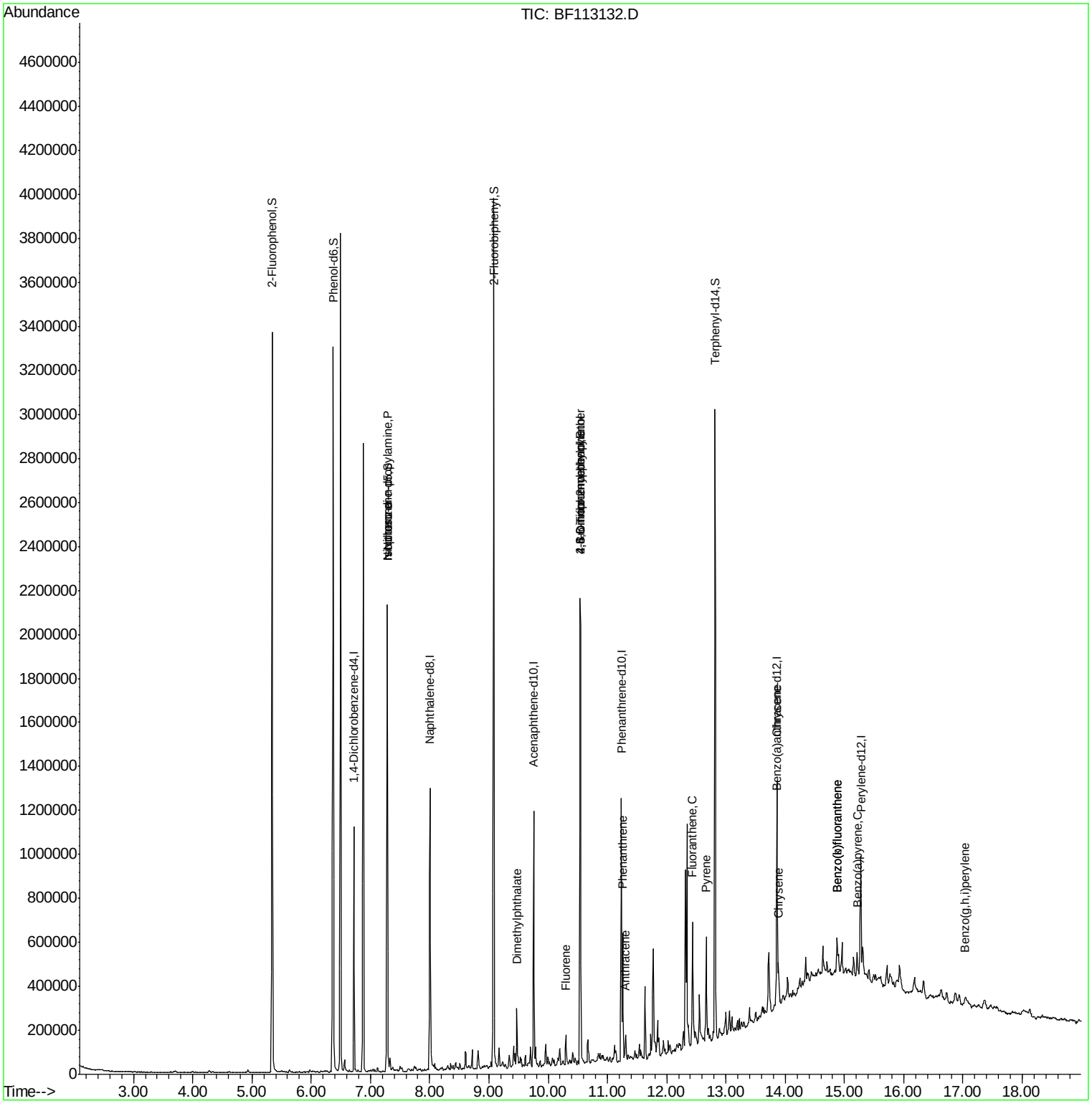
(#) = qualifier out of range (m) = manual integration (+) = signals summed

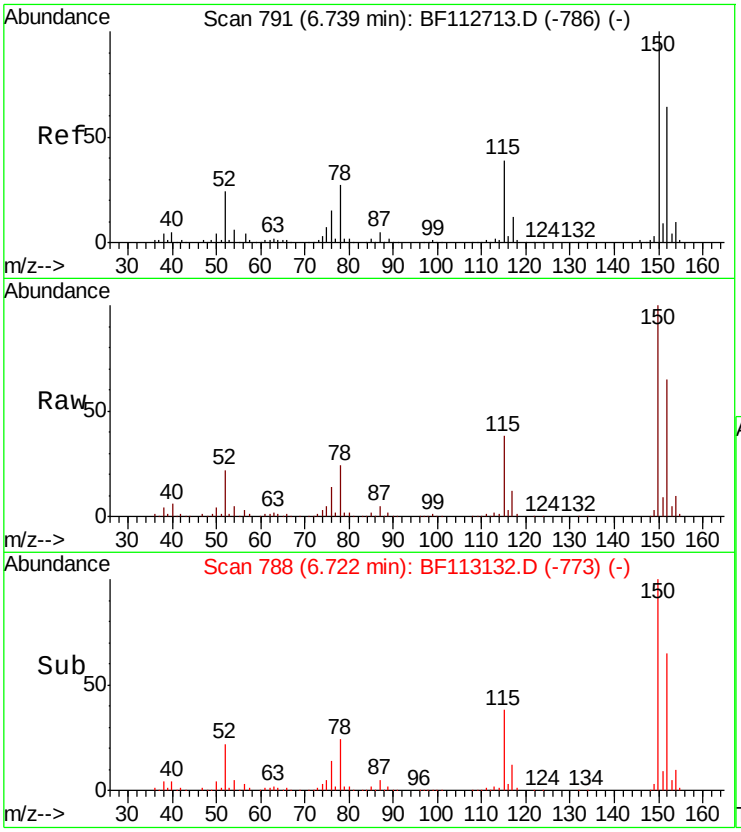
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113132.D
Acq On : 19 Mar 2019 18:18
Operator : JU/SJ
Sample : K1951-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 20 01:47:57 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



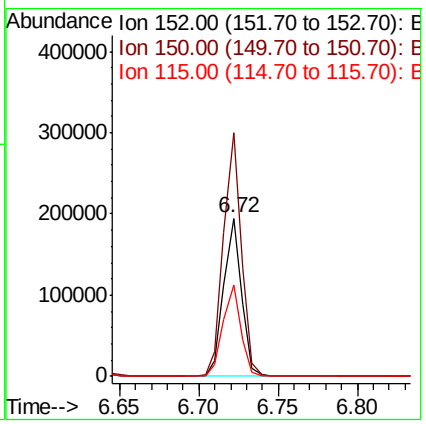


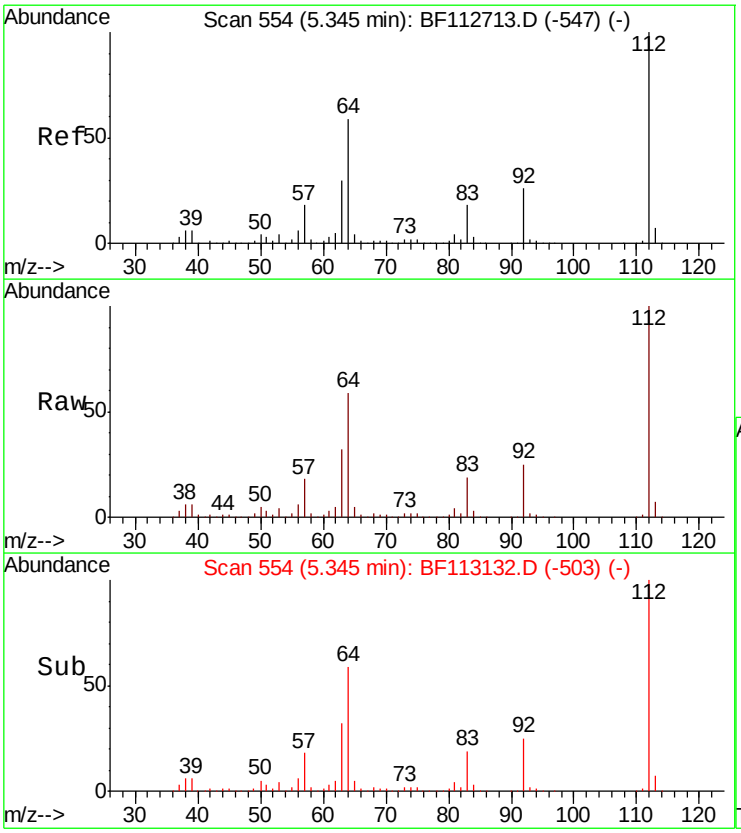
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:152 Resp: 151599

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	58.0	48.2	72.4

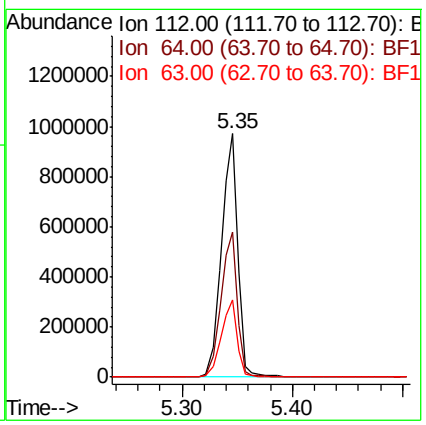


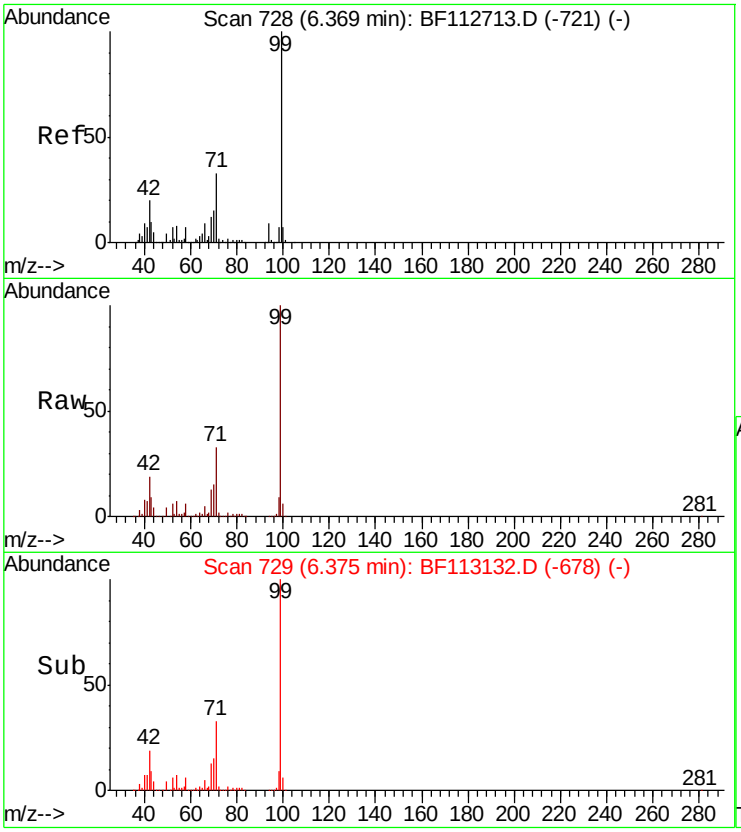


#5
2-Fluorophenol
Concen: 102.682 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:112 Resp: 1000711

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	31.5	24.4	36.6



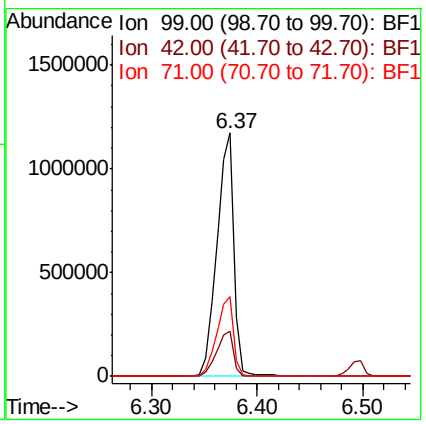


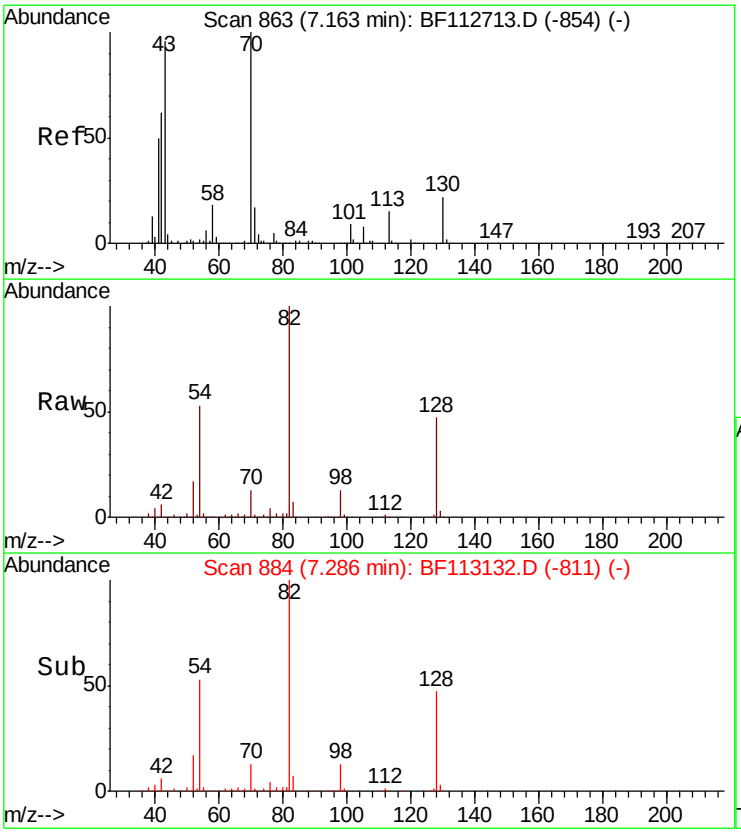
#7
Phenol-d6
Concen: 108.787 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion: 99 Resp: 1331800

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.6	26.2	39.4

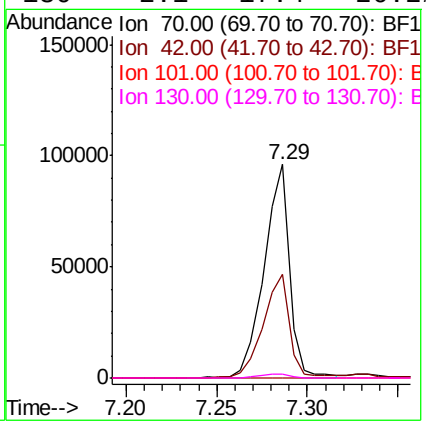


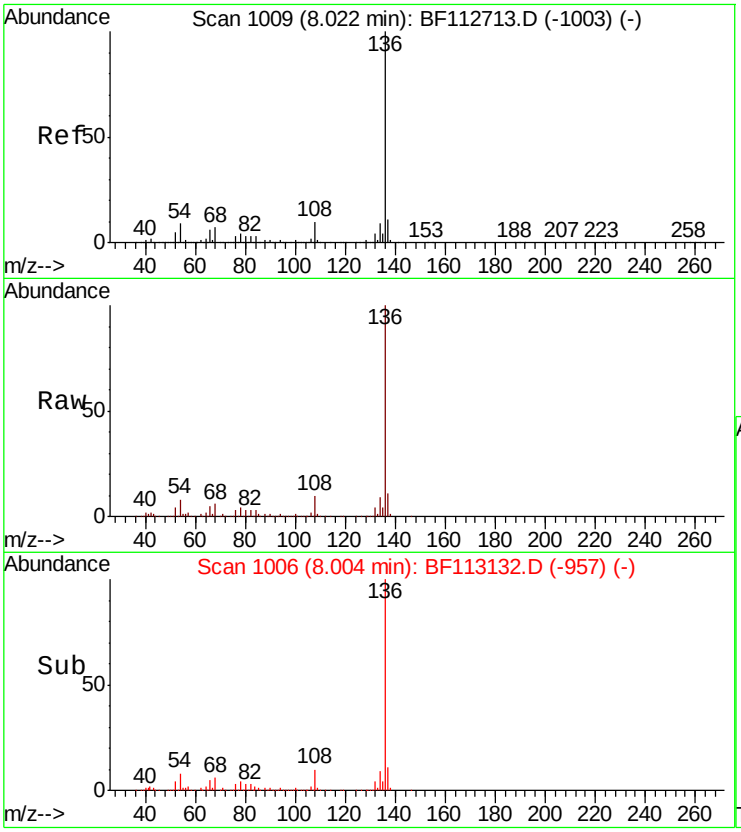


#19
n-Nitroso-di-n-propylamine
Concen: 12.139 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion: 70 Resp: 94121

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



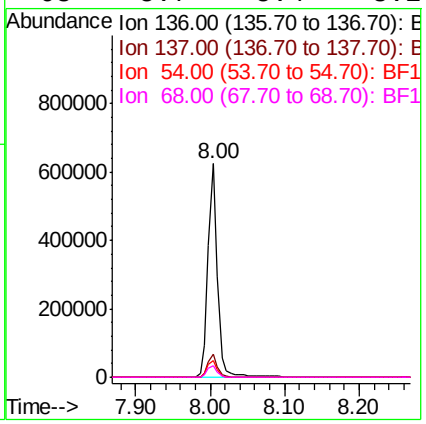


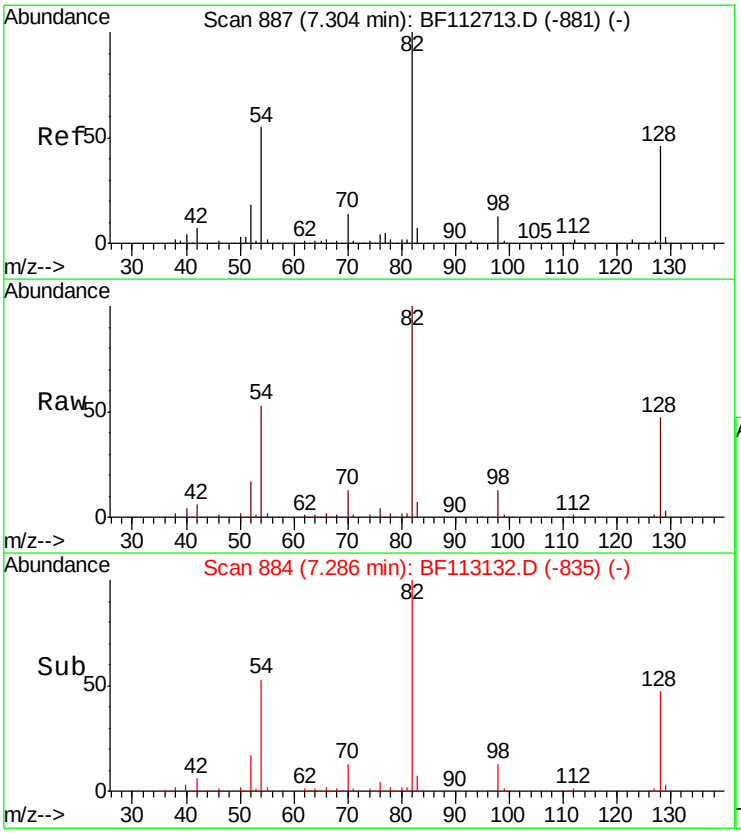
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:136 Resp: 552777

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	7.3	10.9
68	5.7	5.4	8.2

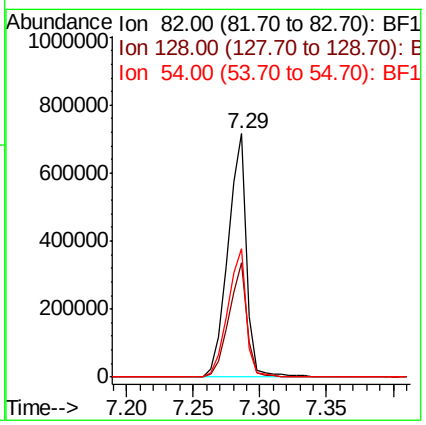


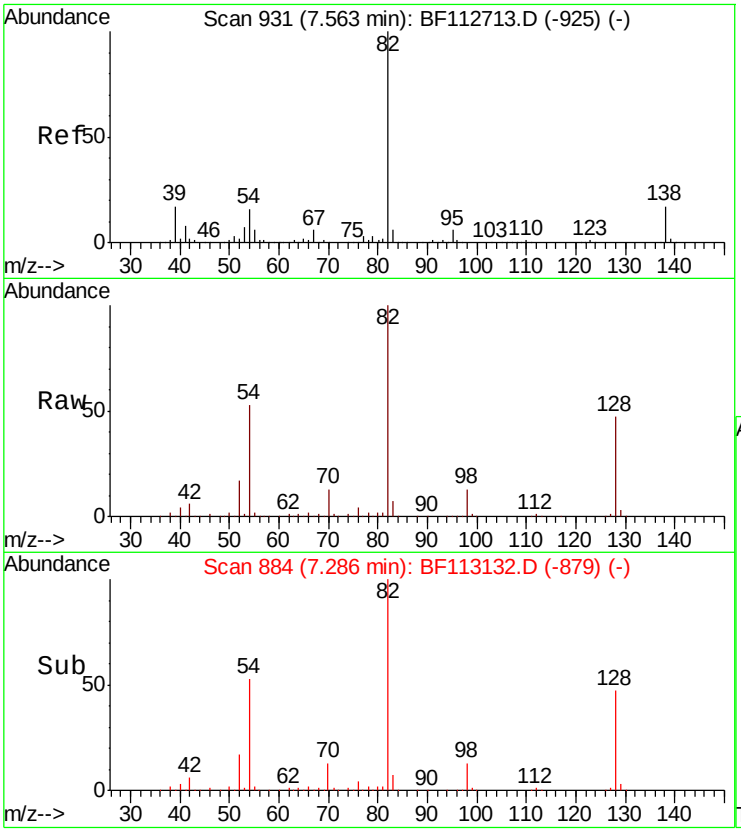


#23
Nitrobenzene-d5
Concen: 76.726 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion: 82 Resp: 708789

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	52.8	43.7	65.5



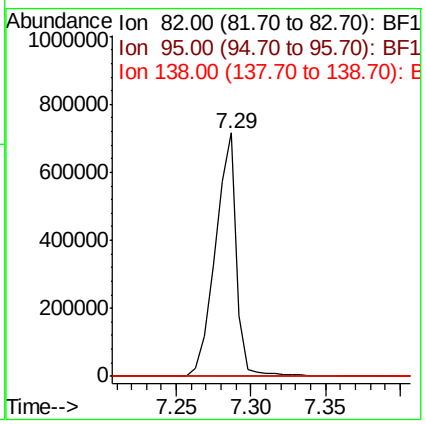


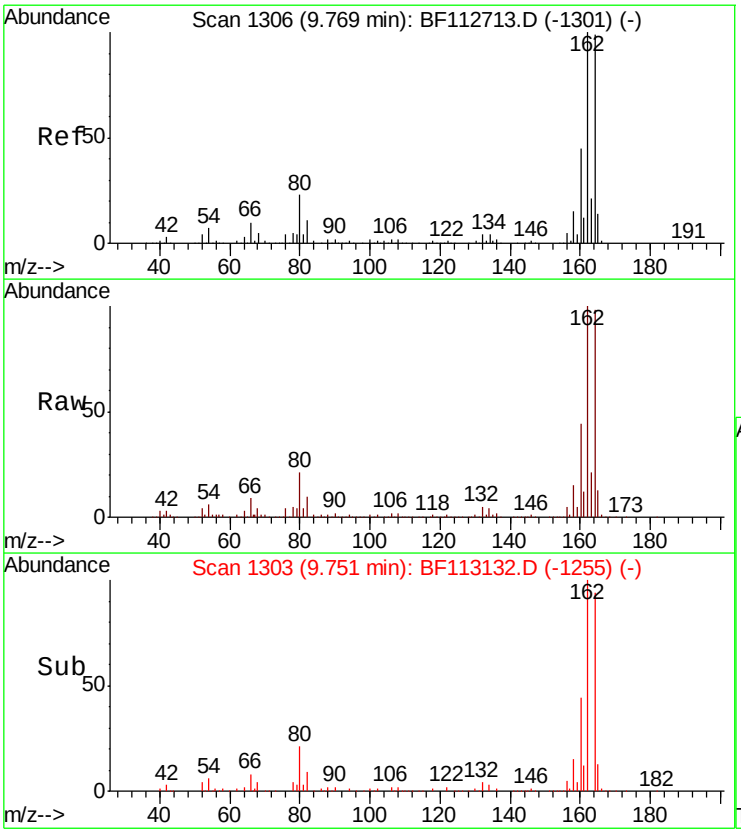
#25
Isophorone
Concen: 34.932 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion: 82 Resp: 695207

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

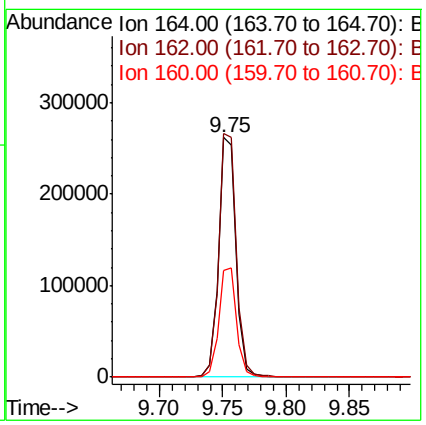


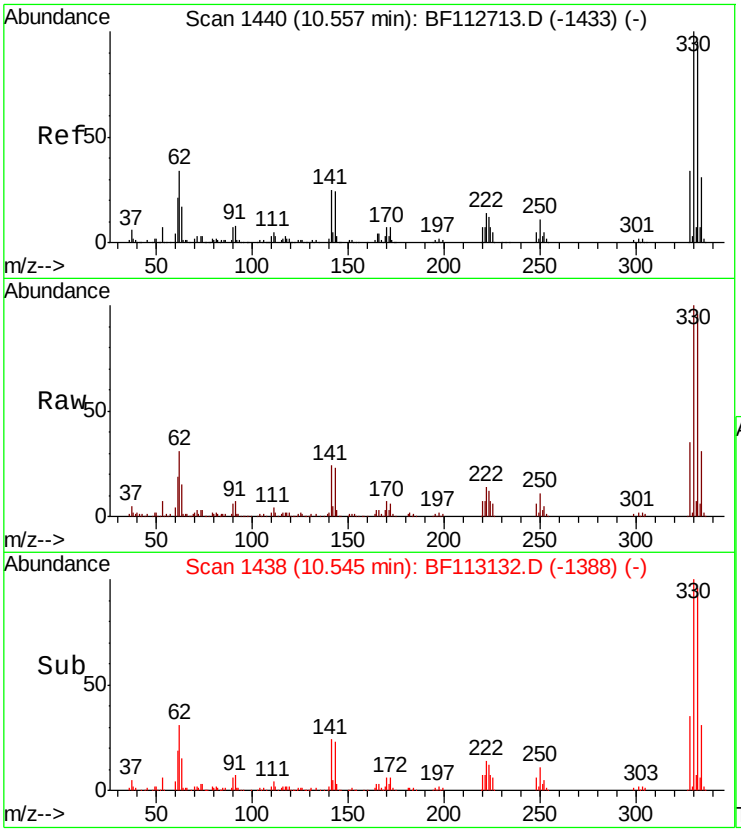


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:164 Resp: 251371

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	44.6	36.0	54.0



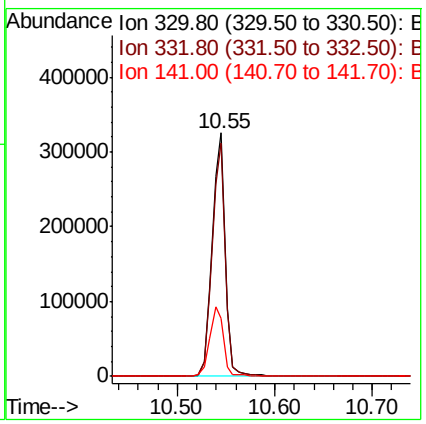


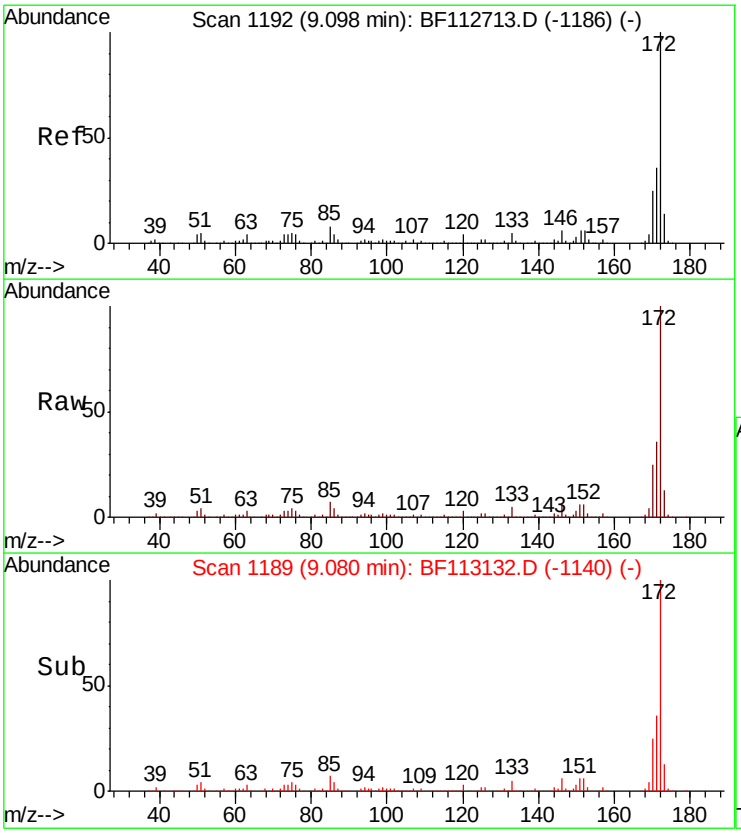
#42
2,4,6-Tribromophenol
Concen: 113.265 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:330 Resp: 302261

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	30.3	27.0	40.6

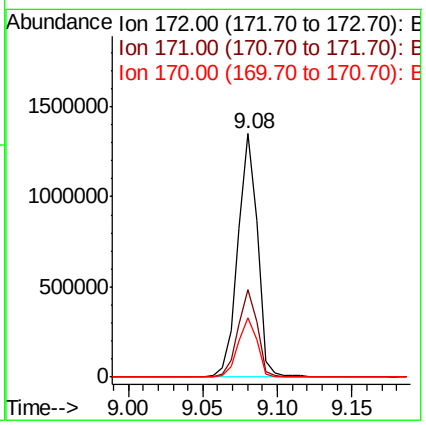


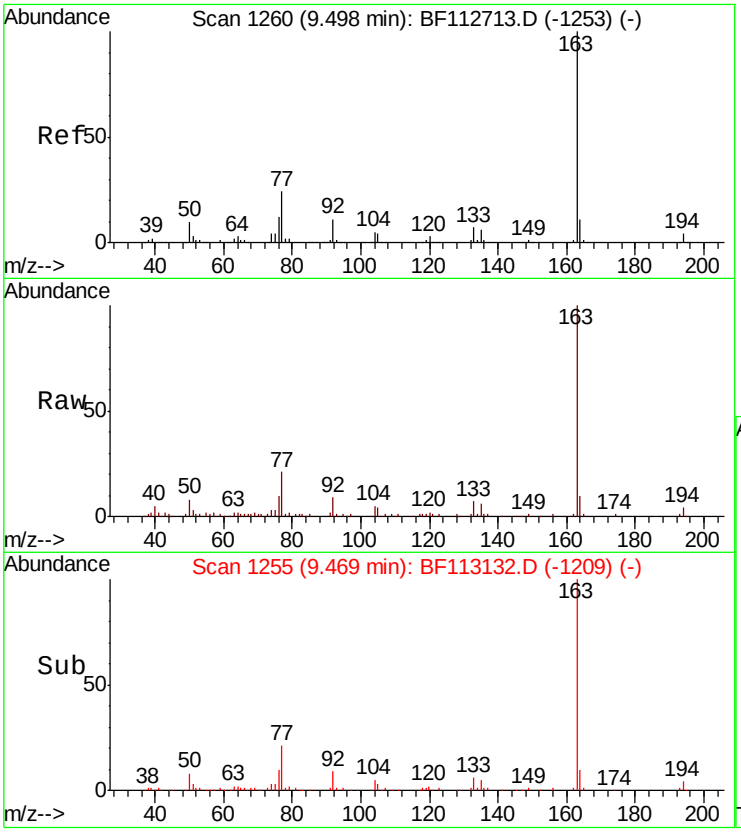


#45
2-Fluorobiphenyl
Concen: 80.851 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:172 Resp: 1242589

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.5	20.0	30.0



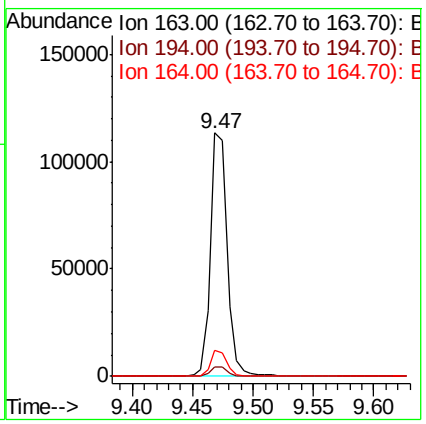


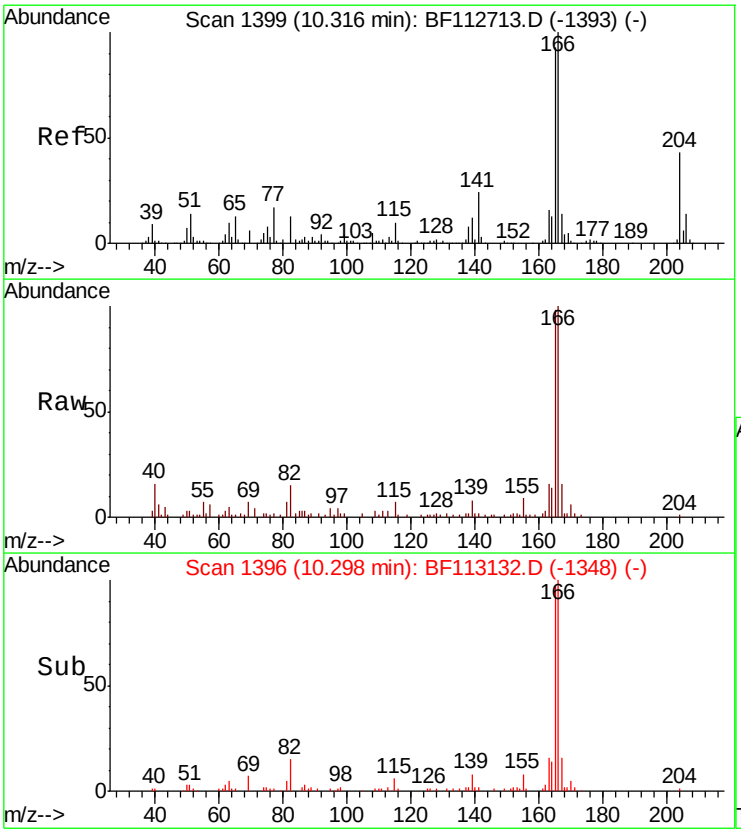
#50
Dimethylphthalate
Concen: 5.842 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:163 Resp: 108278

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.5	8.4	12.6

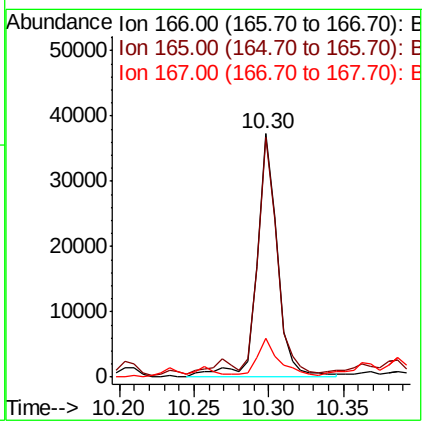


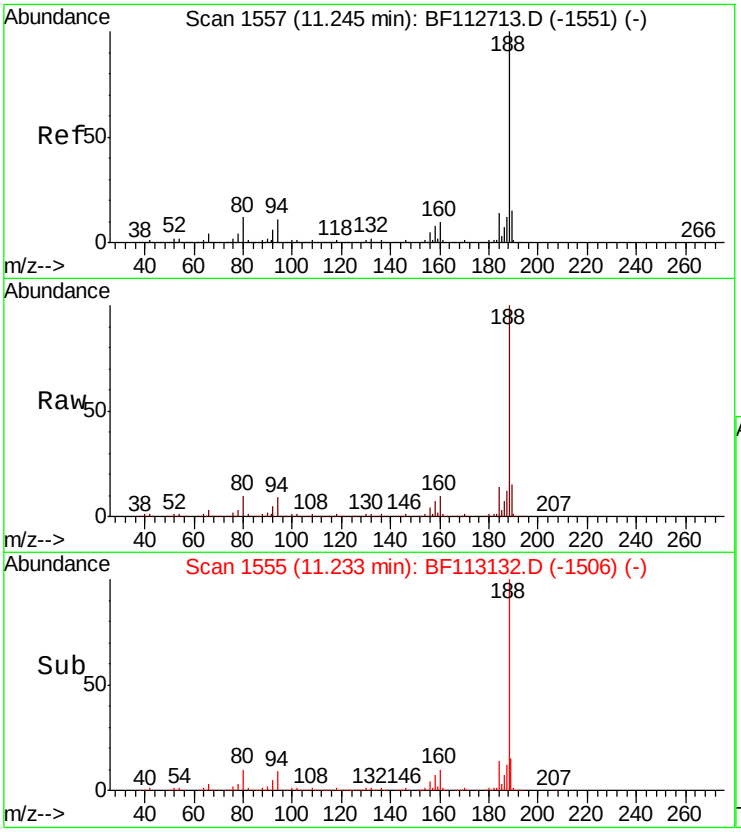


#58
Fluorene
Concen: 2.141 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:166 Resp: 35096

Ion	Ratio	Lower	Upper
166	100		
165	98.3	74.7	112.1
167	16.2	11.0	16.6



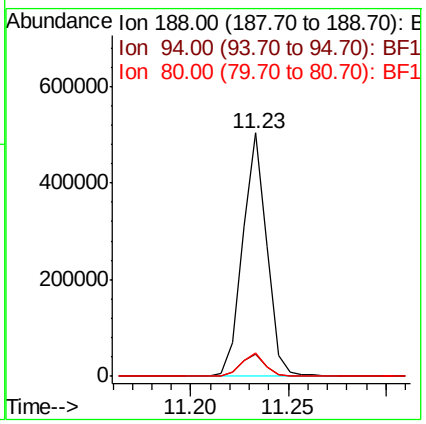


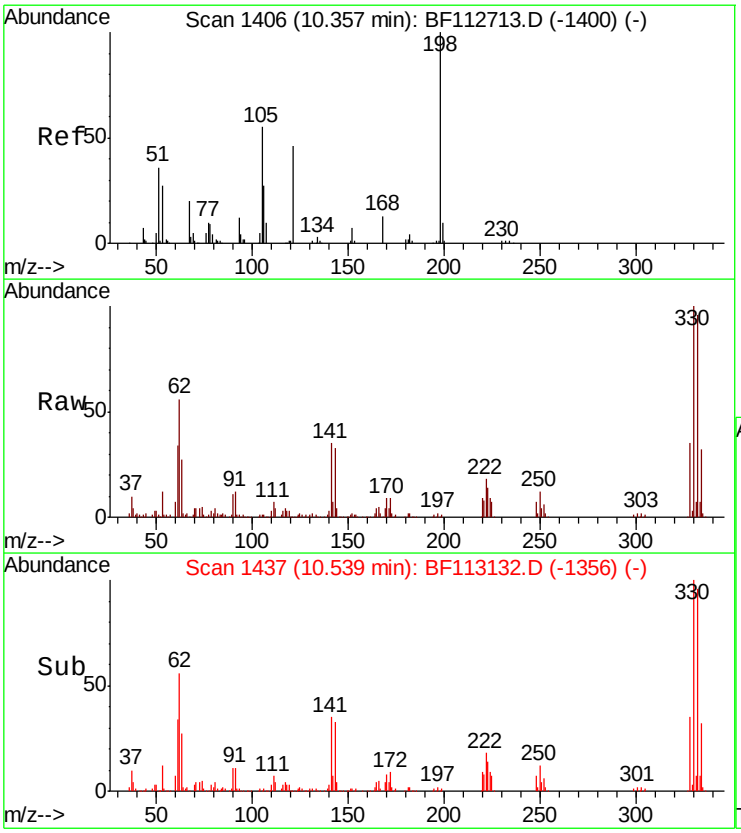
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:188 Resp: 430185

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.5	9.2	13.8

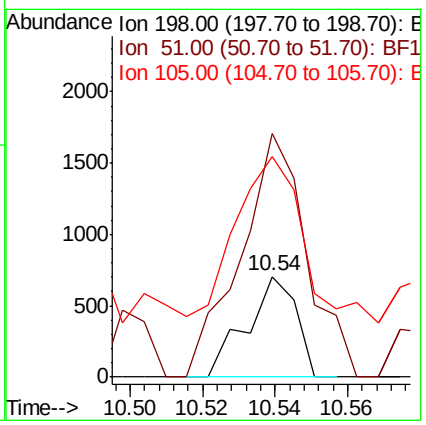


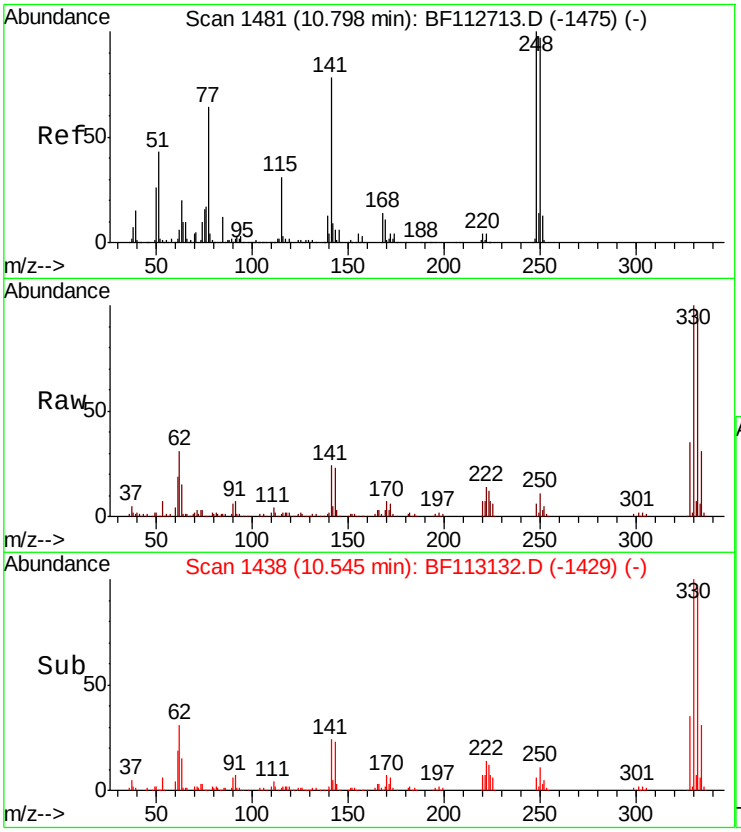


#65
4,6-Dinitro-2-methylphenol
Concen: 4.952 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:198 Resp: 663

Ion	Ratio	Lower	Upper
198	100		
51	242.8	43.8	83.8#
105	219.9	36.5	76.5#



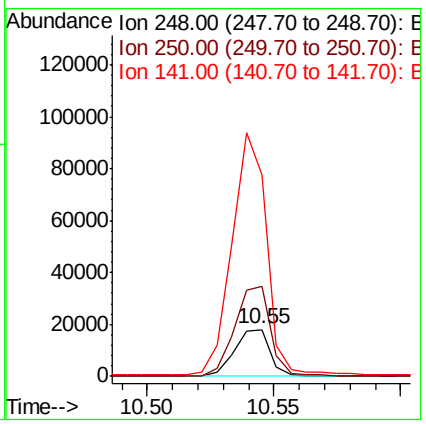


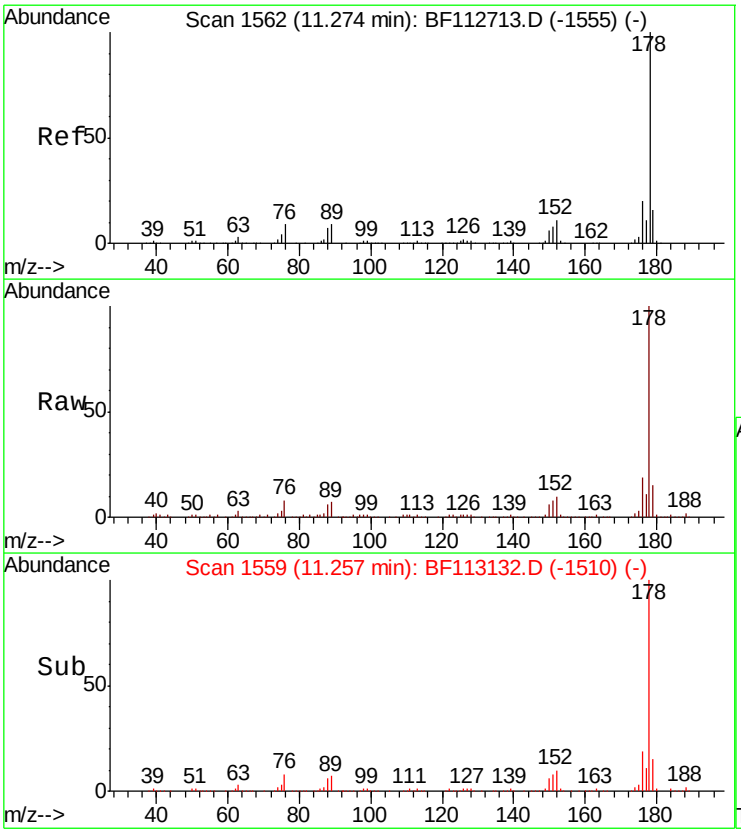
#67
4-Bromophenyl-phenylether
Concen: 3.890 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:248 Resp: 17627

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.5	116.3#
141	430.3	62.4	93.6#

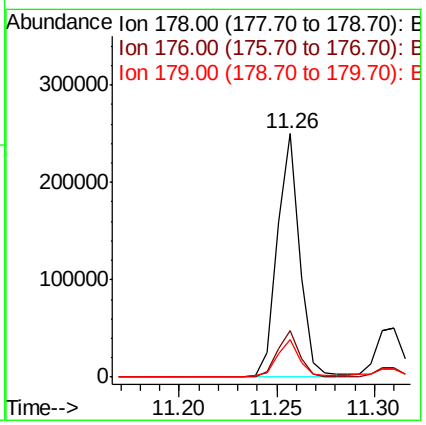


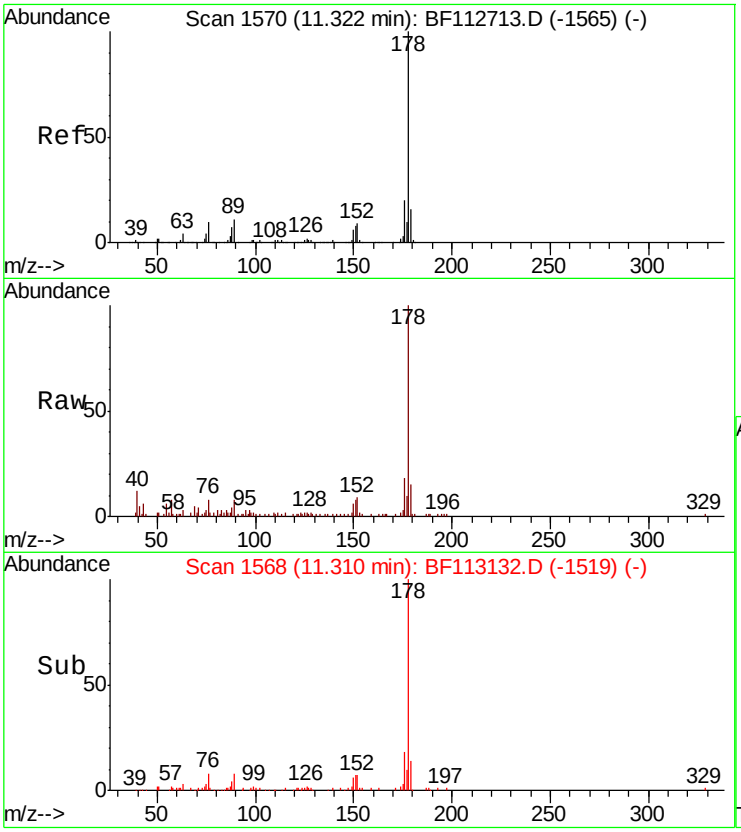


#71
Phenanthrene
Concen: 9.241 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:178 Resp: 197792

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.4	12.7	19.1



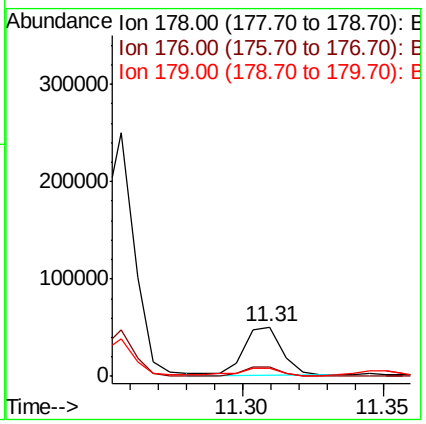


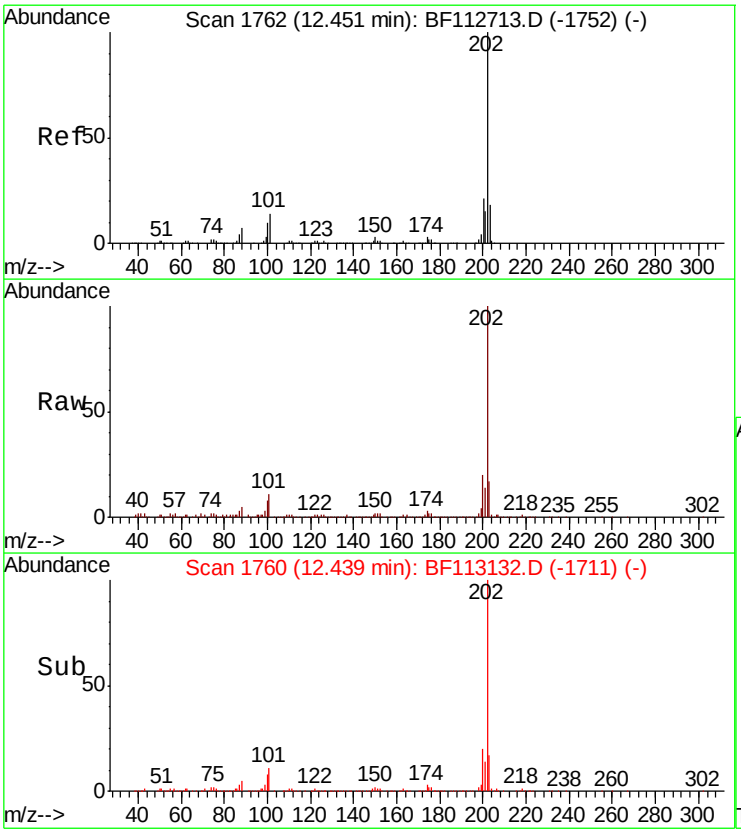
#72
Anthracene
Concen: 2.093 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:178 Resp: 46903

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.2	13.0	19.6

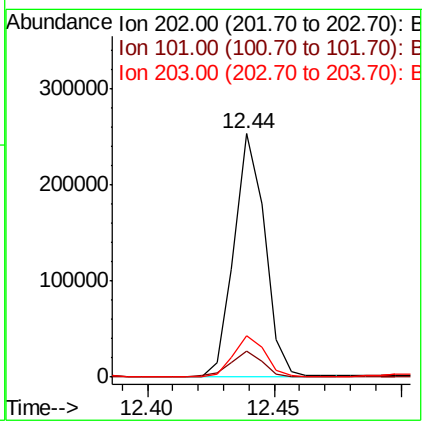


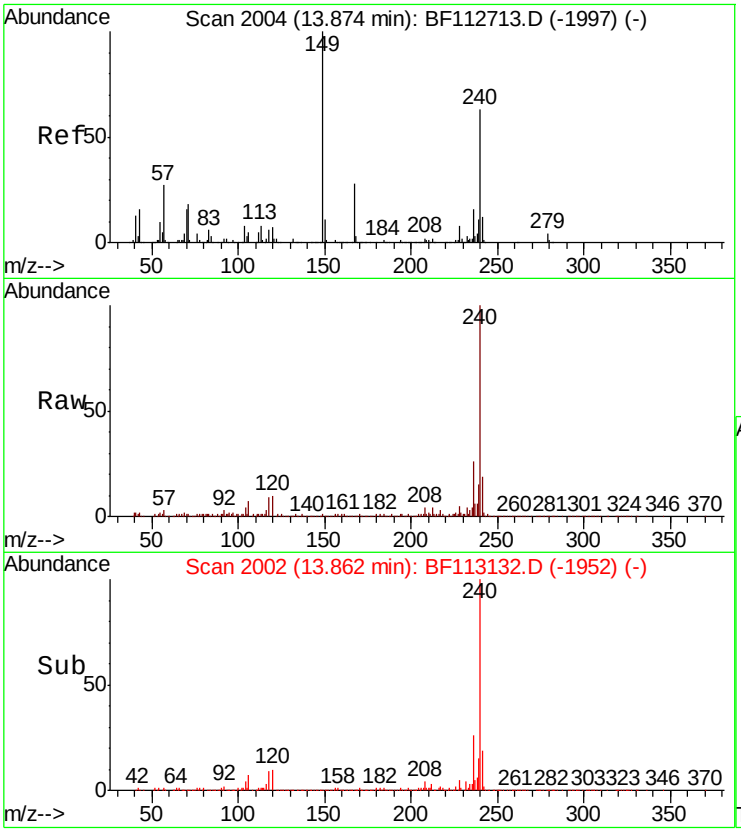


#75
Fluoranthene
Concen: 9.351 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:202 Resp: 214424

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	17.1	0.0	38.4



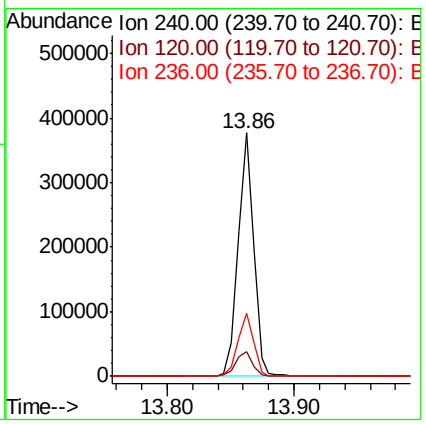


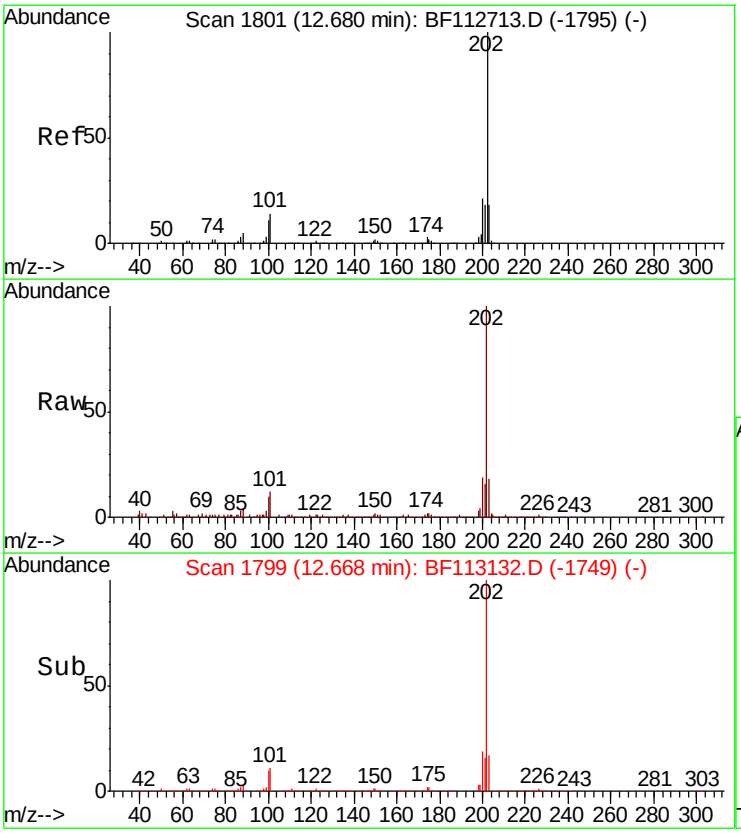
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:240 Resp: 314307

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.7	20.7	31.1

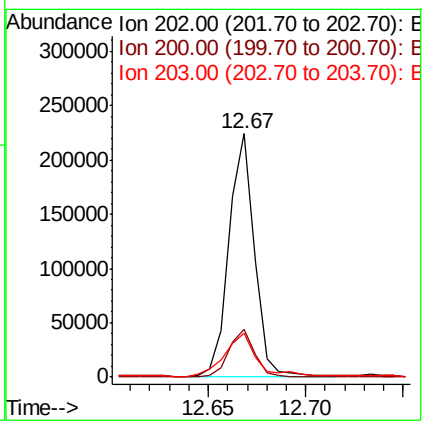


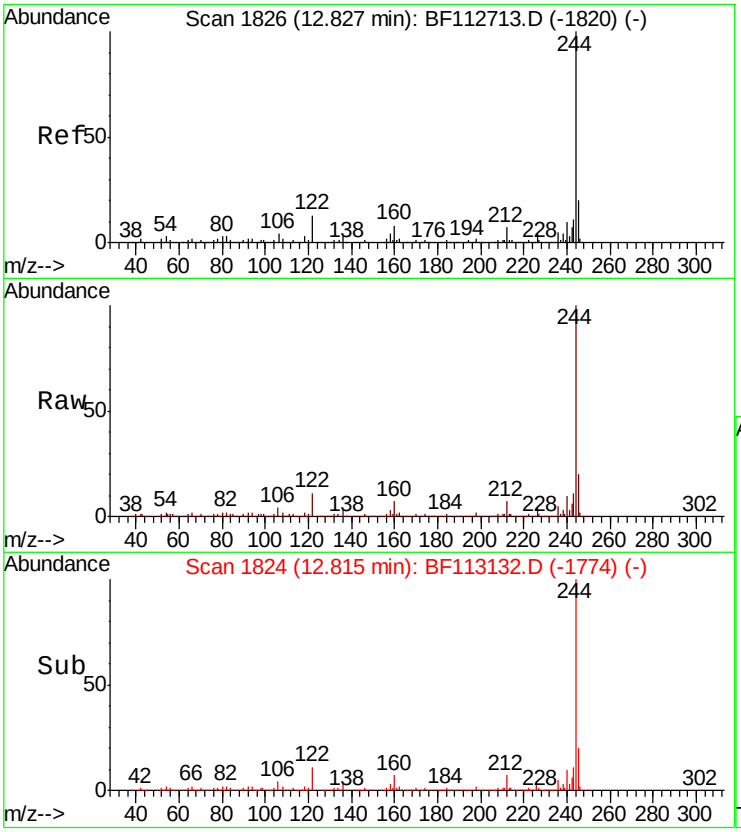


#78
Pyrene
Concen: 7.635 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:202 Resp: 202295

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.8	14.4	21.6



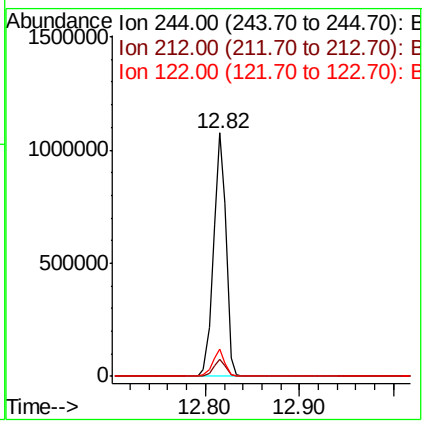


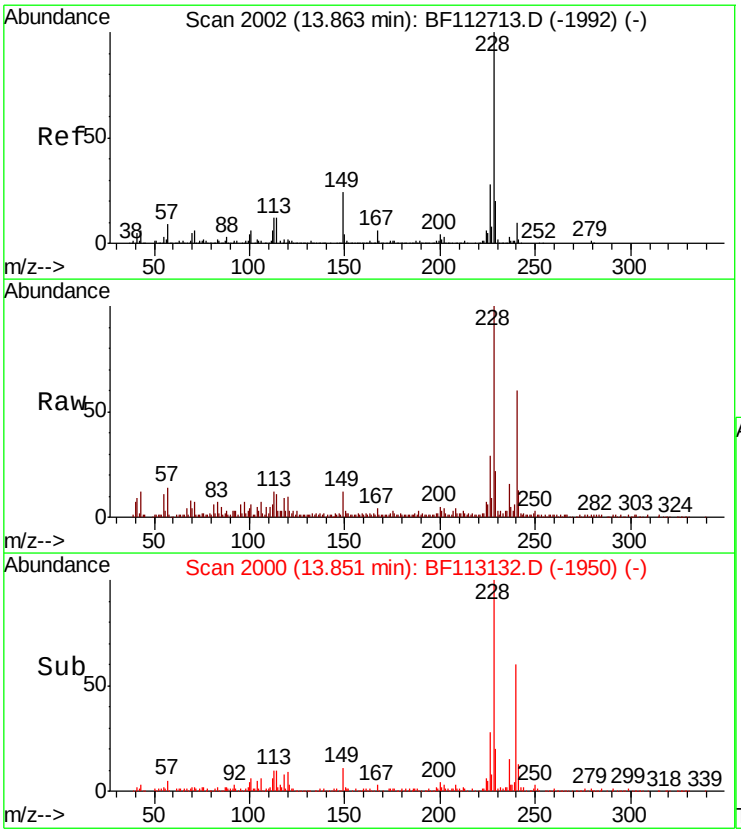
#79
Terphenyl-d14
Concen: 62.511 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:244 Resp: 1013555

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.1	10.5	15.7

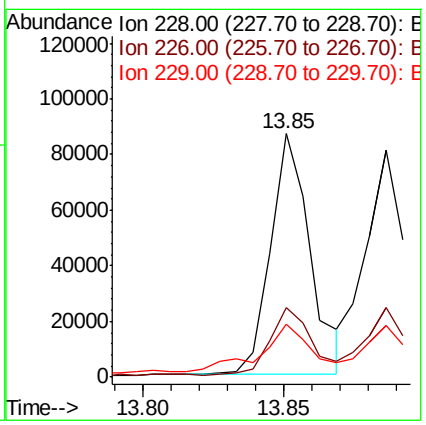


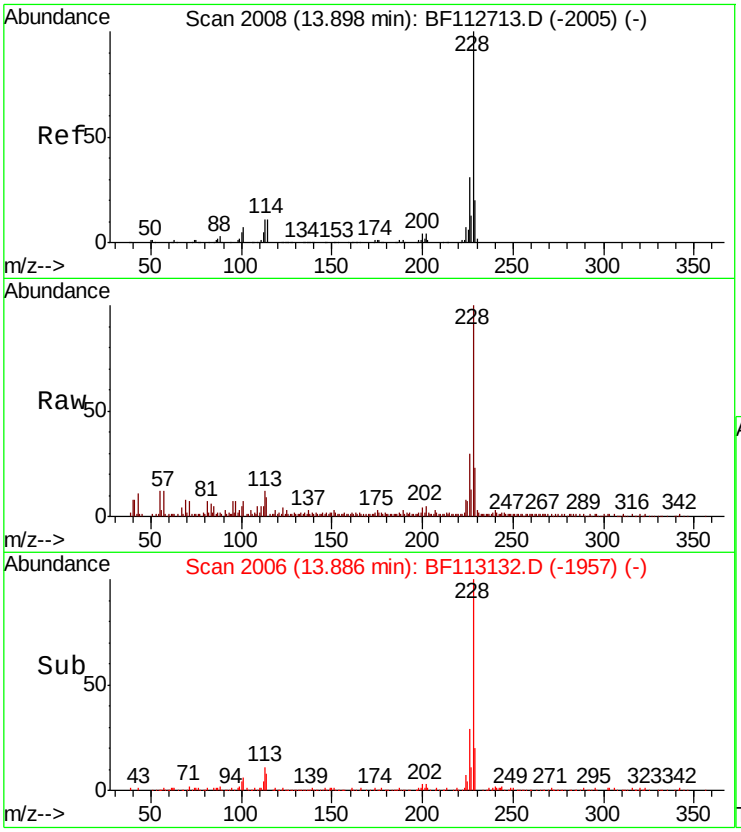


#81
Benzo(a)anthracene
Concen: 3.884 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:228 Resp: 84598

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	21.5	16.0	24.0



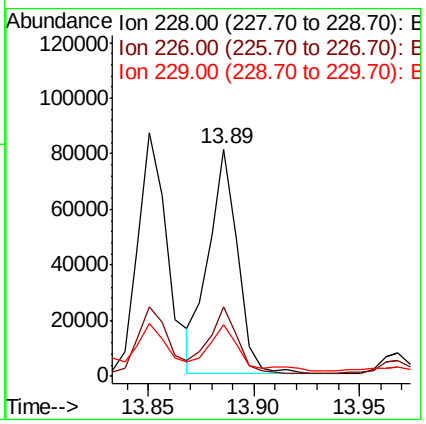


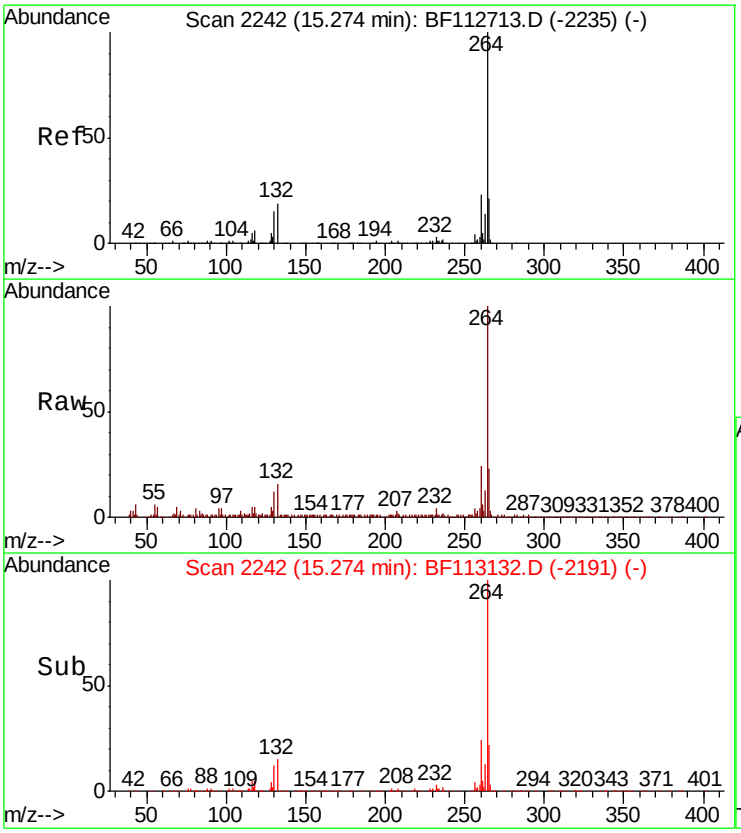
#83
Chrysene
Concen: 3.646 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:228 Resp: 77792

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	22.8	16.3	24.5

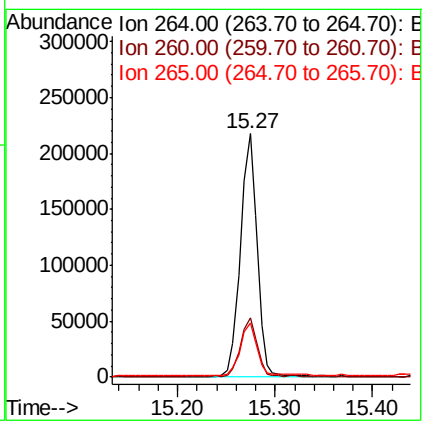


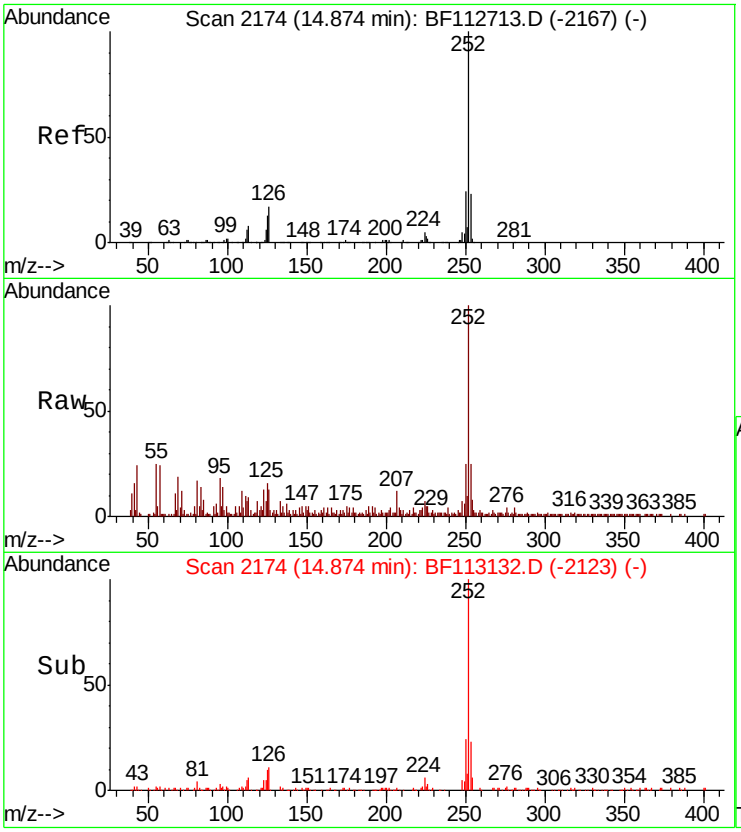


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:264 Resp: 258465

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.5	17.2	25.8



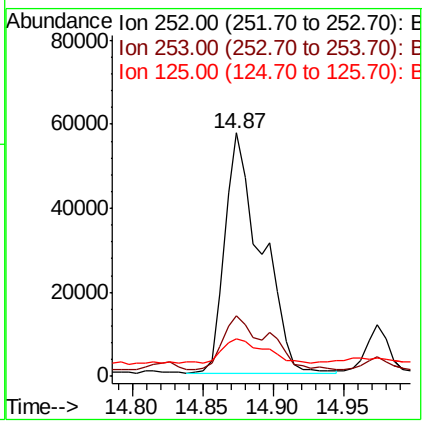


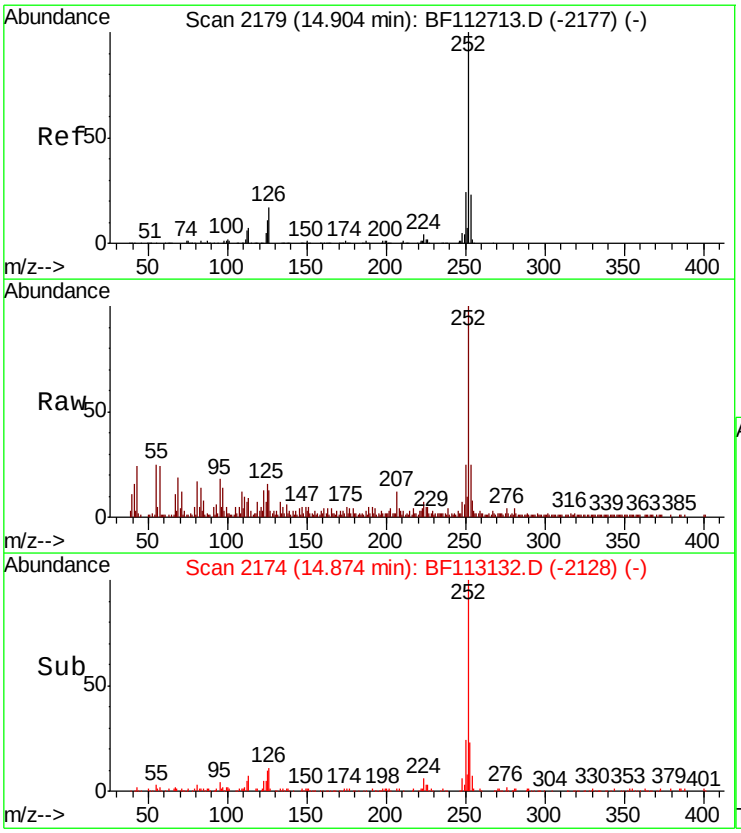
#88
Benzo(b)fluoranthene
Concen: 6.124 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:252 Resp: 102381

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.6	10.2	15.2#

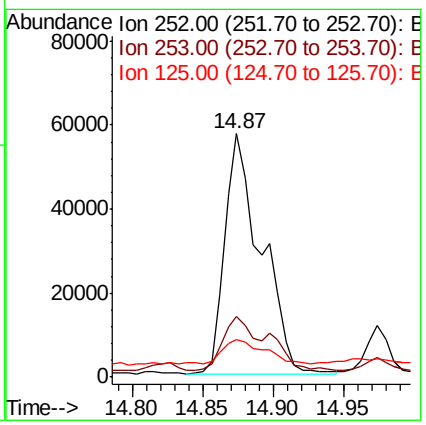


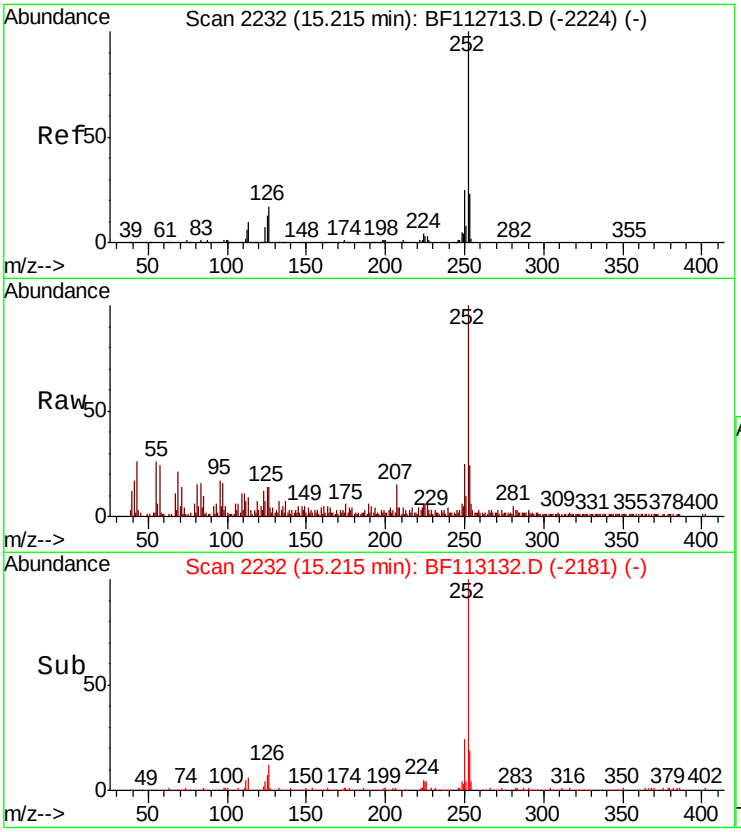


#89
Benzo(k)fluoranthene
Concen: 6.761 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:252 Resp: 102381

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	15.6	9.8	14.6#



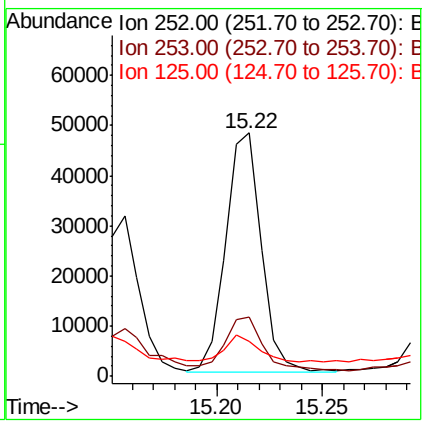


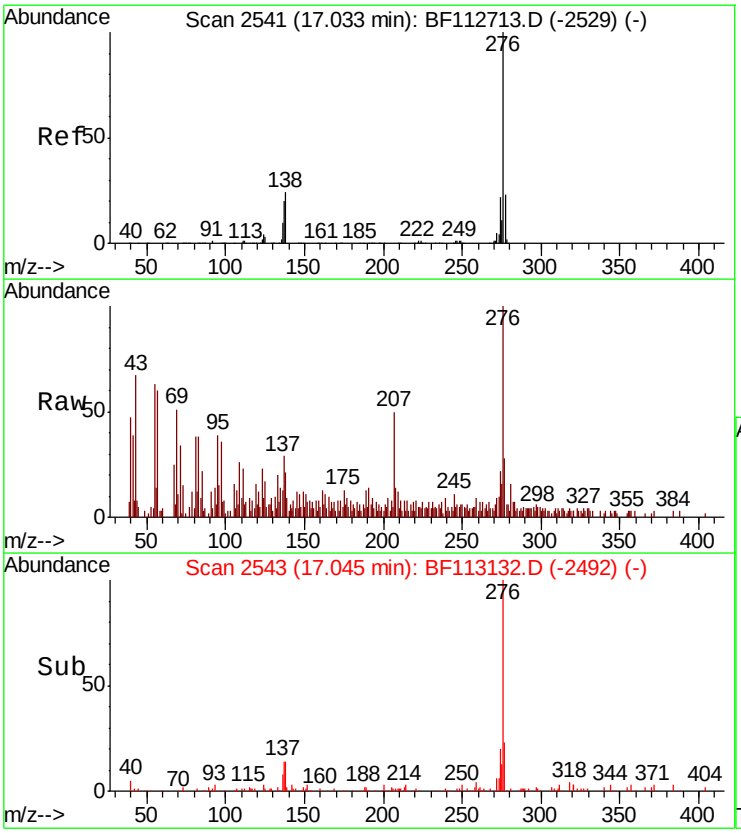
#90
Benzo(a)pyrene
Concen: 3.747 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

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

Tgt Ion:252 Resp: 55405

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.2	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.177 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion:276 Resp: 27586

Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.6	27.8#
138	20.7	19.4	29.0