Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112804.D
Acq On : 1 Mar 2019 17:16
Operator : JU/SJ
Sample : K1670-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-032-B

Quant Time: Mar 01 21:58:13 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	169591	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	623310	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	248073	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	420330	20.00	ng		0.00
76) Chrysene-d12	13.87	240	434795	20.00	ng		0.00
87) Perylene-d12	15.29	264	378676	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	494676	45.37	ng		0.00
7) Phenol-d6	6.37	99	627791	45.84	ng		0.00
23) Nitrobenzene-d5	7.30	82	354772	34.06	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	126360	47.98	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	600194	34.00	ng		0.00
79) Terphenyl-d14	12.83	244	536772	23.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	44826	2.805	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	45847	5.286	ng	#	78
25) Isophorone	7.30	82	351489	15.663	ng	#	66
49) Acenaphthylene	9.63	152	61099	2.278	ng		98
50) Dimethylphthalate	9.49	163	43439	2.375	ng	#	96
51) 2,6-Dinitrotoluene	9.77	165	32318	8.484	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	32318	6.826	ng	#	18
75) Fluoranthene	12.46	202	210013	9.373	ng		94
78) Pyrene	12.68	202	244822	6.679	ng		98
81) Benzo(a)anthracene	13.90	228	184998	6.139	ng		98
83) Chrysene	13.90	228	184998	6.267	ng		96
88) Benzo(b)fluoranthene	14.89	252	374135	15.275	ng		99
89) Benzo(k)fluoranthene	14.89	252	374135	16.863	ng		99
90) Benzo(a)pyrene	15.23	252	179644	8.292	ng		97
92) Benzo(g,h,i)perylene	17.04	276	82758	4.458	ng		97

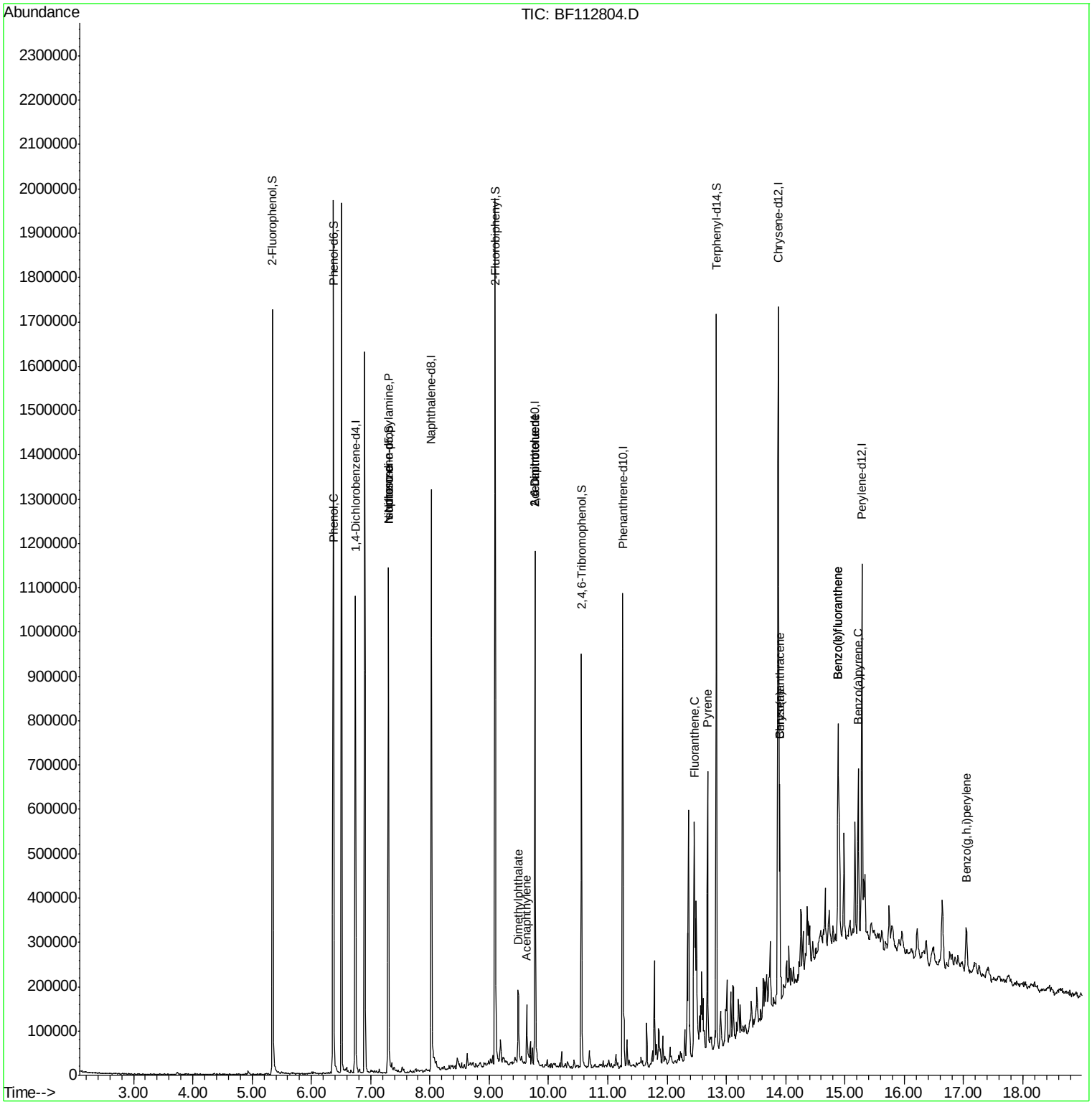
(#) = qualifier out of range (m) = manual integration (+) = signals summed

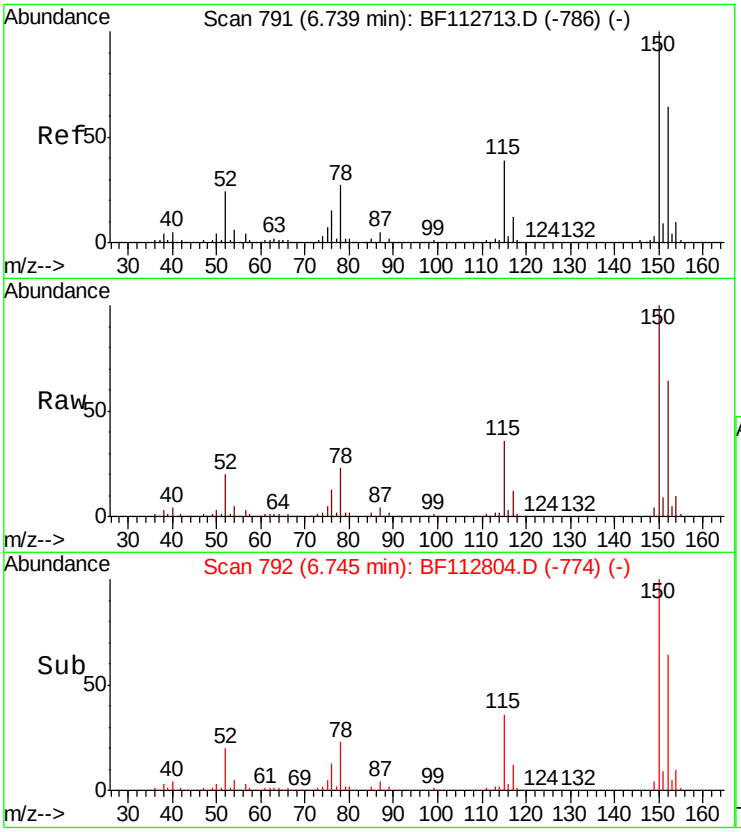
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112804.D
Acq On : 1 Mar 2019 17:16
Operator : JU/SJ
Sample : K1670-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Quant Time: Mar 01 21:58:13 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



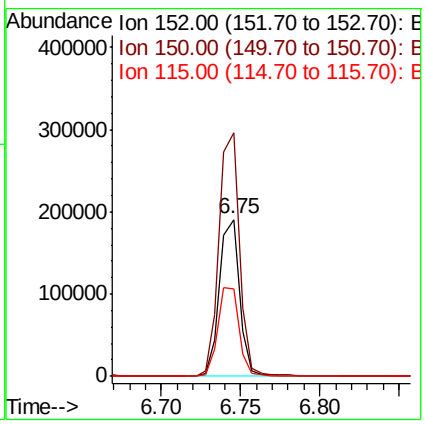


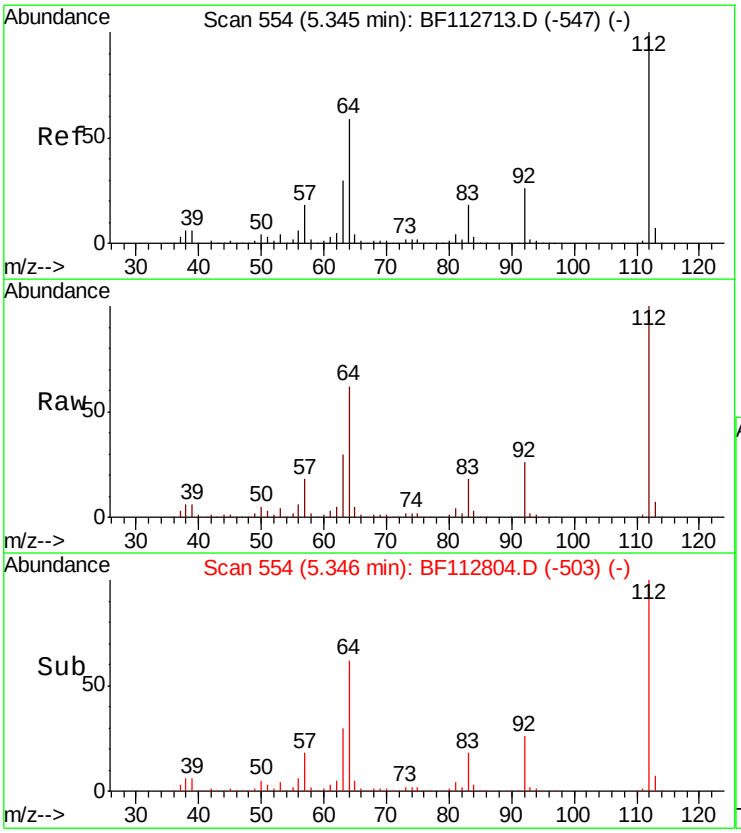
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:152 Resp: 169591

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	56.2	48.2	72.4

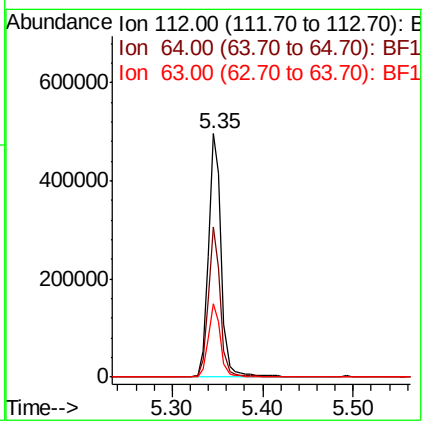


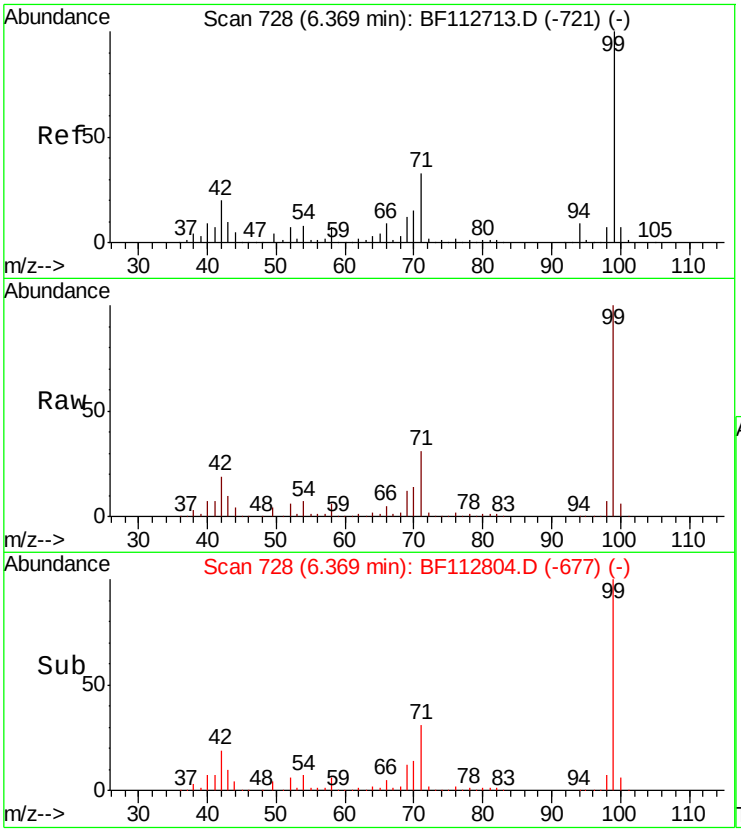


#5
2-Fluorophenol
Concen: 45.373 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:112 Resp: 494676

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.6	71.4
63	30.4	24.4	36.6



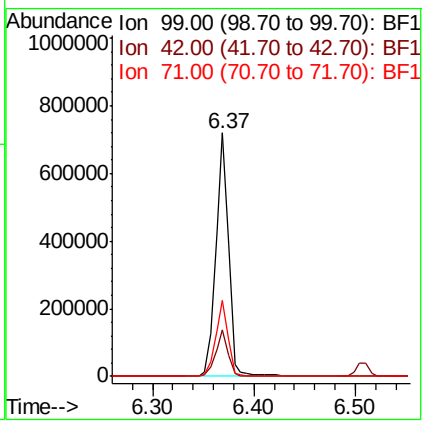


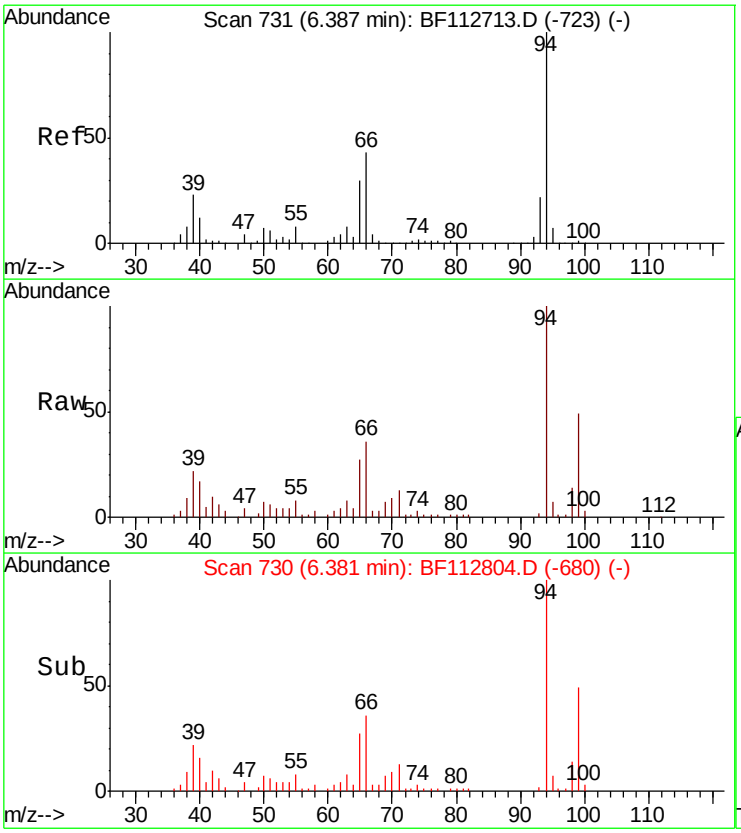
#7
Phenol-d6
Concen: 45.840 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 99 Resp: 627791

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	31.3	26.2	39.4

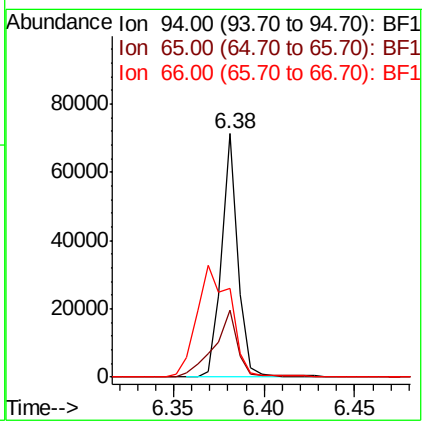


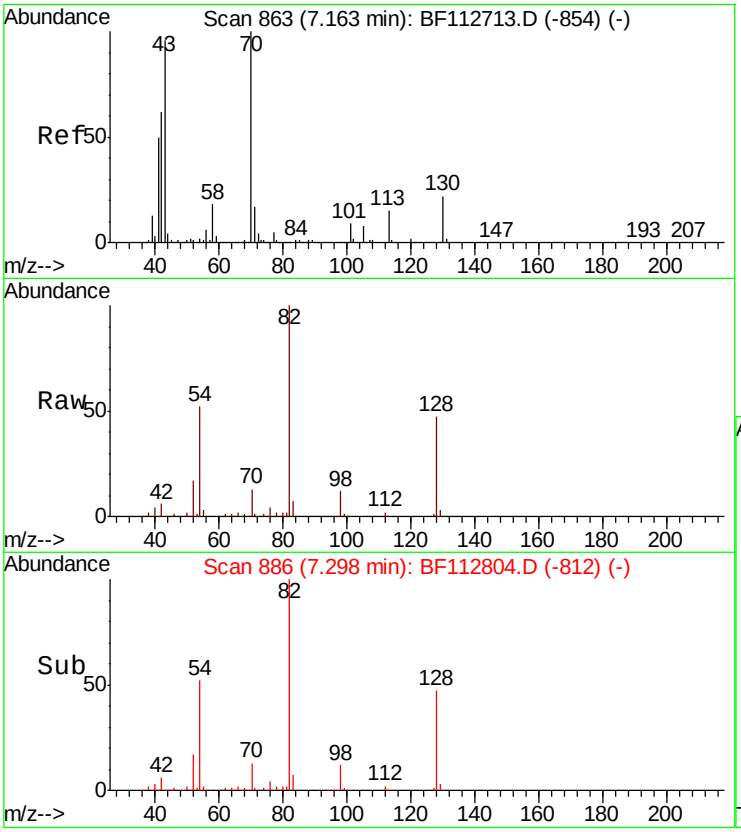


#10
Phenol
Concen: 2.805 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion: 94 Resp: 44826

Ion	Ratio	Lower	Upper
94	100		
65	27.3	10.5	50.5
66	36.5	22.6	62.6



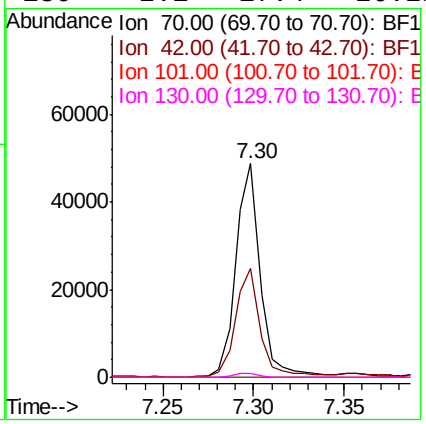


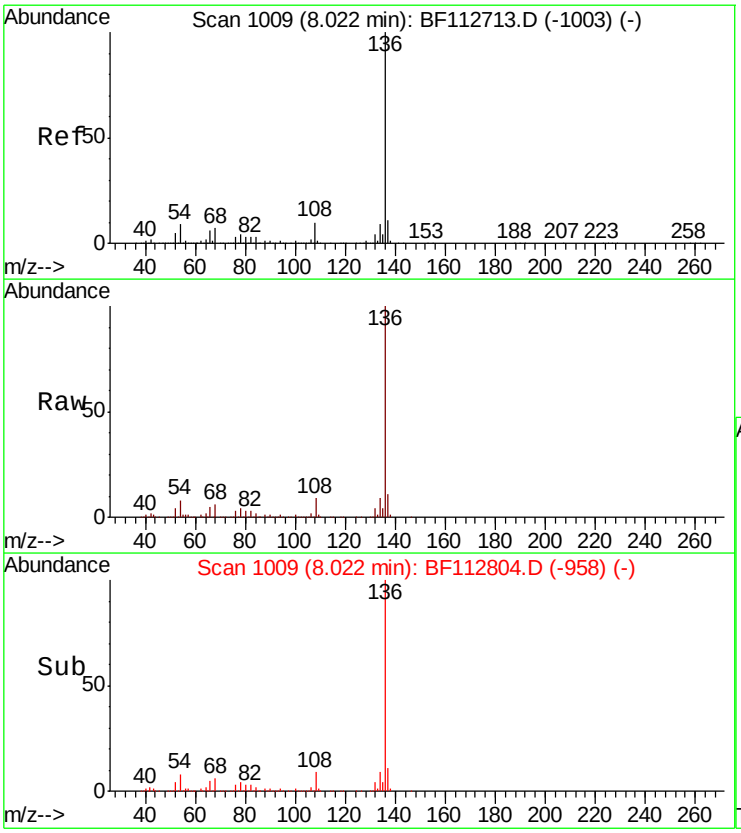
#19
n-Nitroso-di-n-propylamine
Concen: 5.286 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 70 Resp: 45847

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.9	74.9
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#

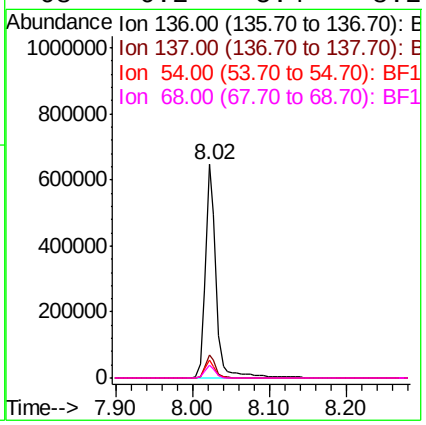


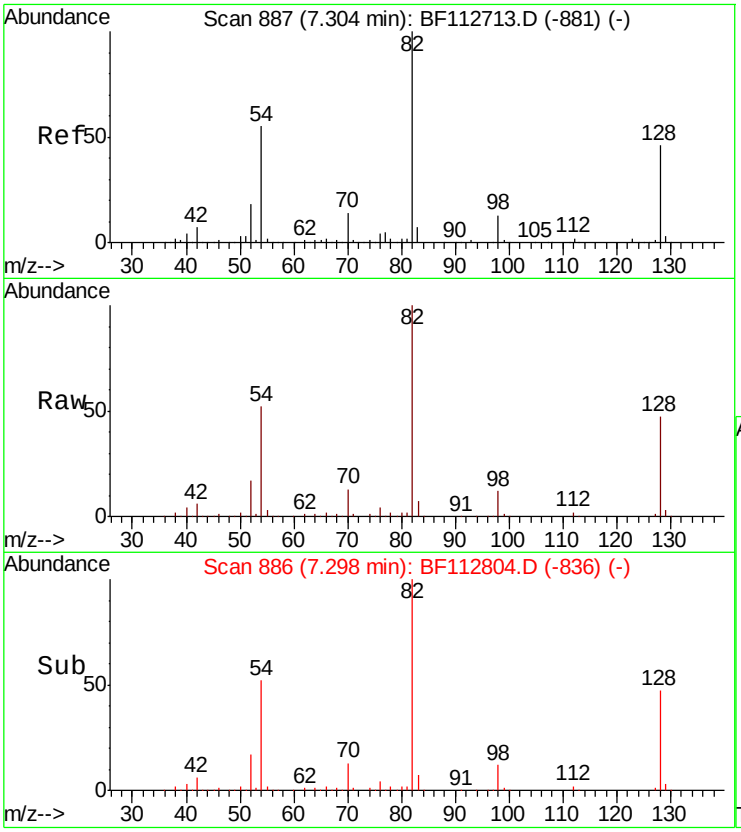


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:136 Resp: 623310

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	7.3	10.9
68	6.2	5.4	8.2



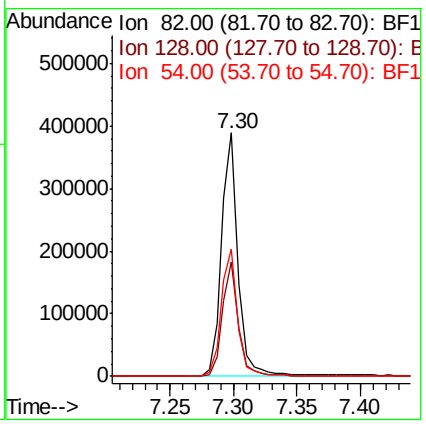


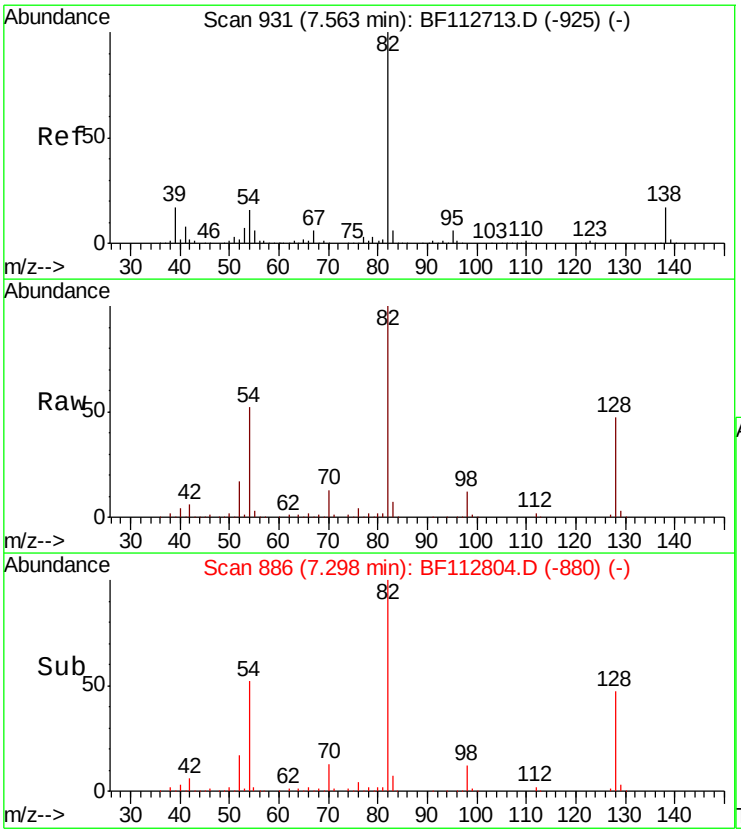
#23
Nitrobenzene-d5
Concen: 34.058 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 82 Resp: 354772

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	52.3	43.7	65.5

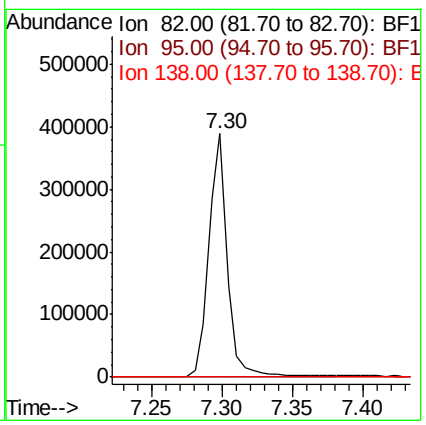


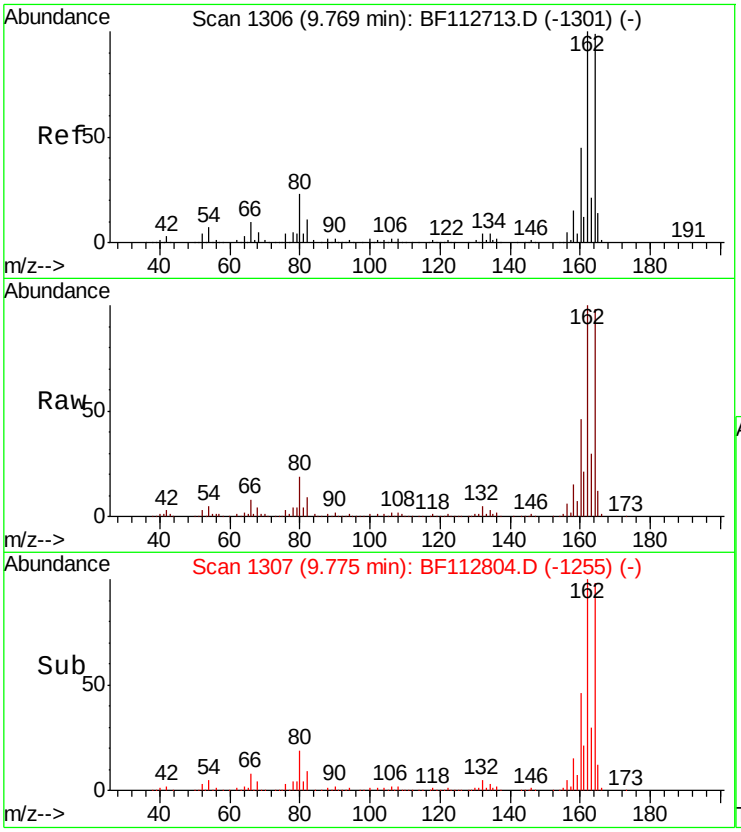


#25
Isophorone
Concen: 15.663 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion: 82 Resp: 351489

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



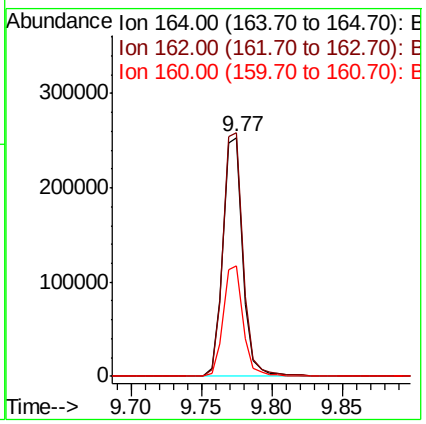


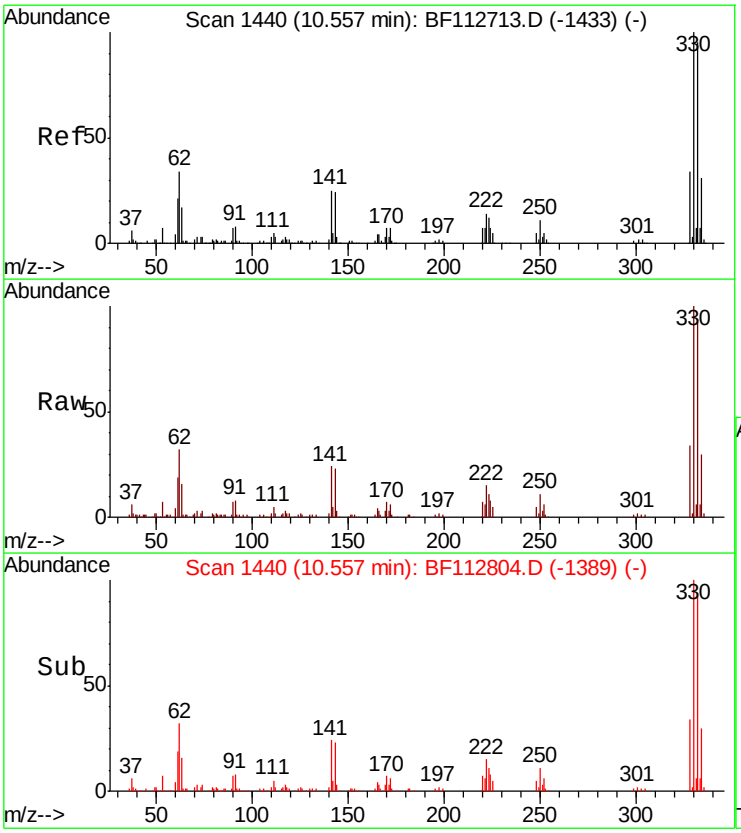
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:164 Resp: 248073

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.5	36.0	54.0

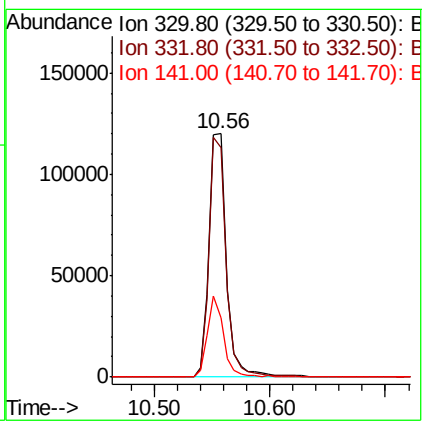


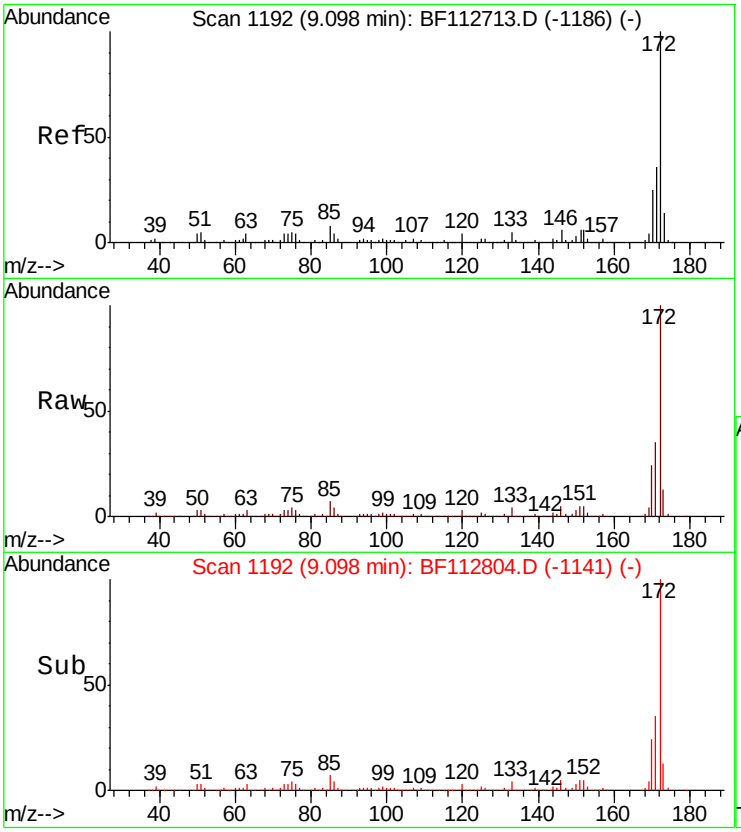


#42
2,4,6-Tribromophenol
Concen: 47.980 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:330 Resp: 126360

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	31.0	27.0	40.6



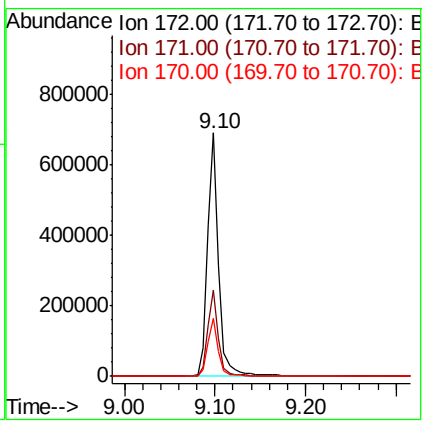


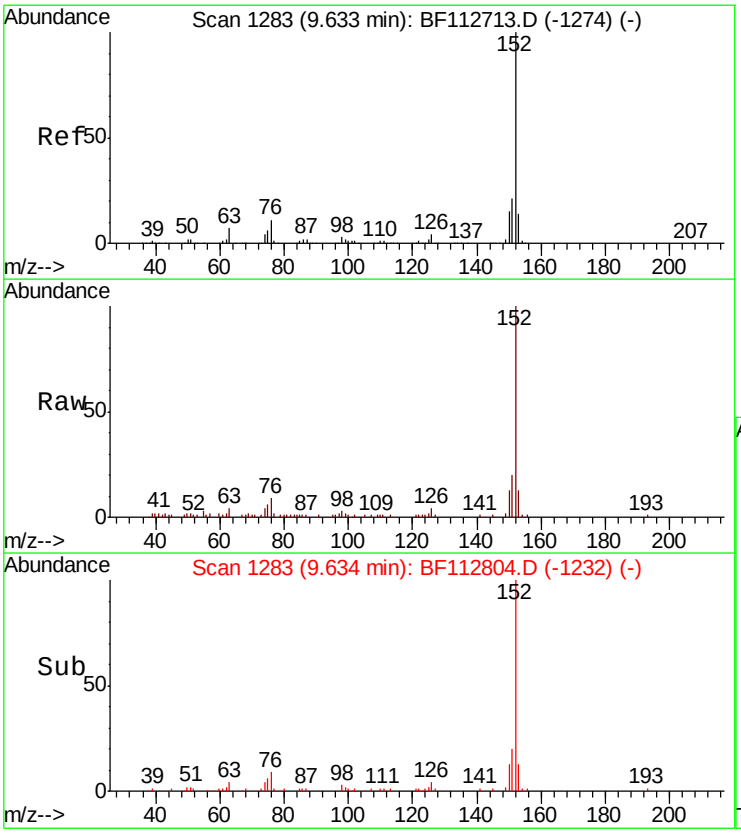
#45
2-Fluorobiphenyl
Concen: 34.002 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:172 Resp: 600194

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.7	20.0	30.0

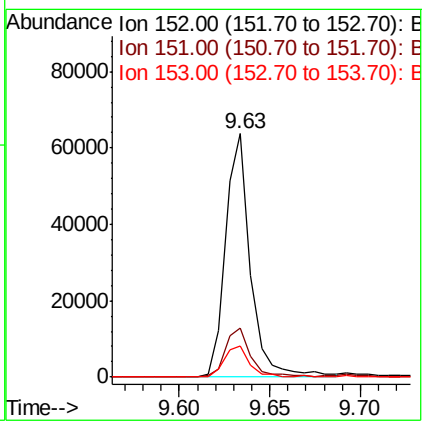


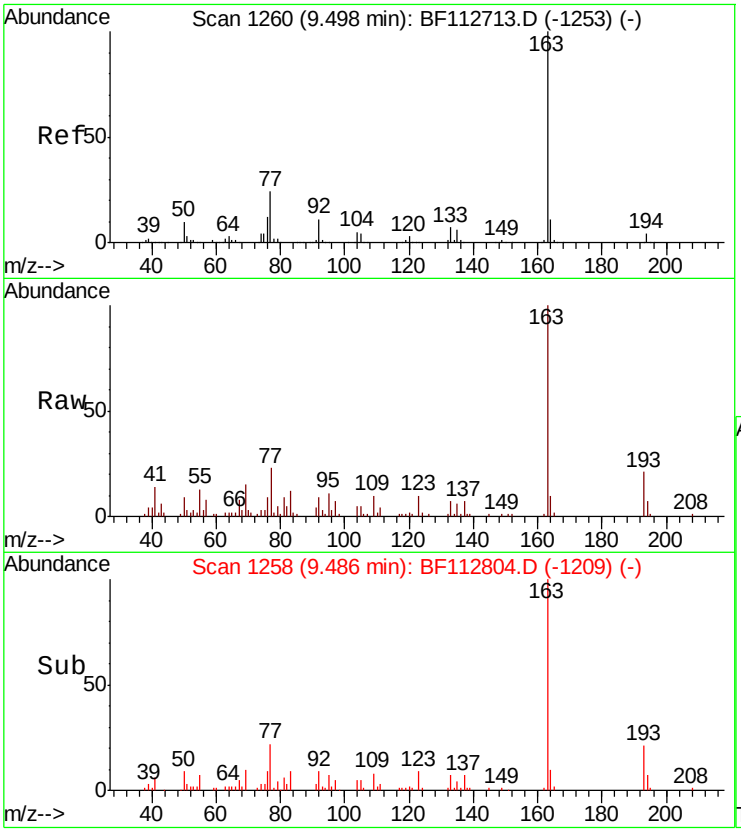


#49
Acenaphthylene
Concen: 2.278 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:152 Resp: 61099

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	12.5	11.0	16.6



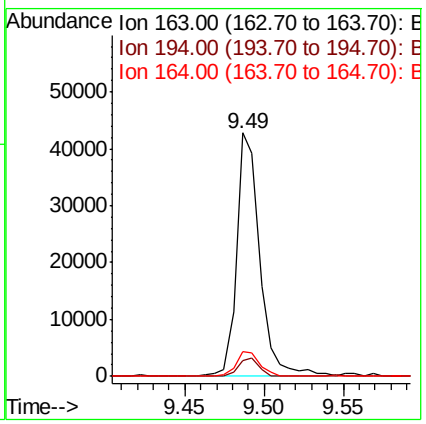


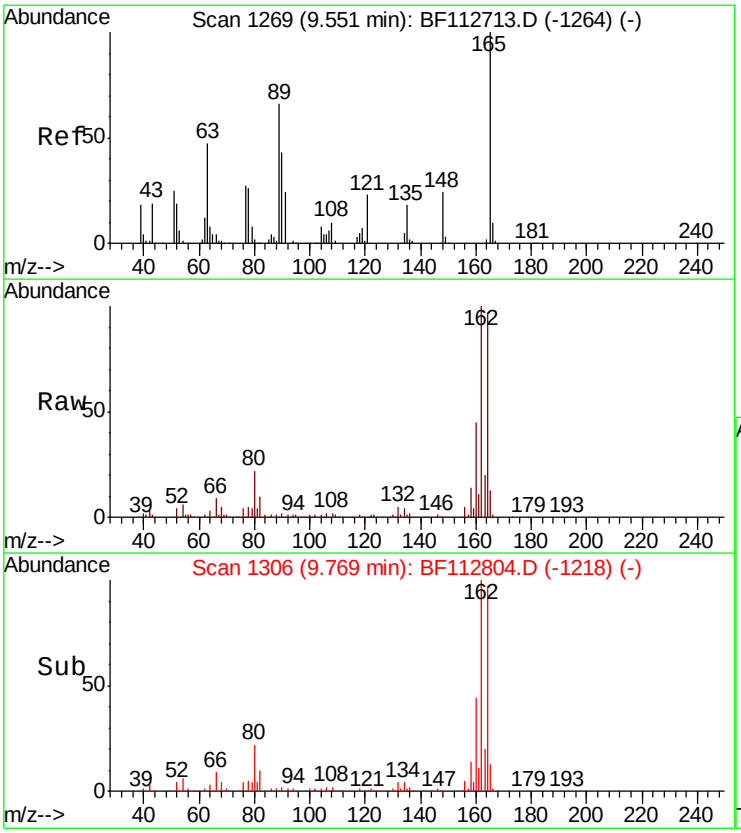
#50
Dimethylphthalate
Concen: 2.375 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:163 Resp: 43439

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.0	4.4#
164	9.9	8.4	12.6

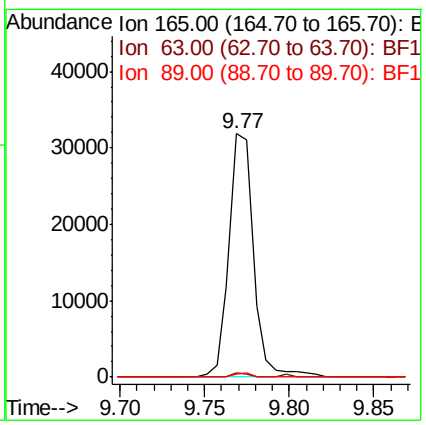


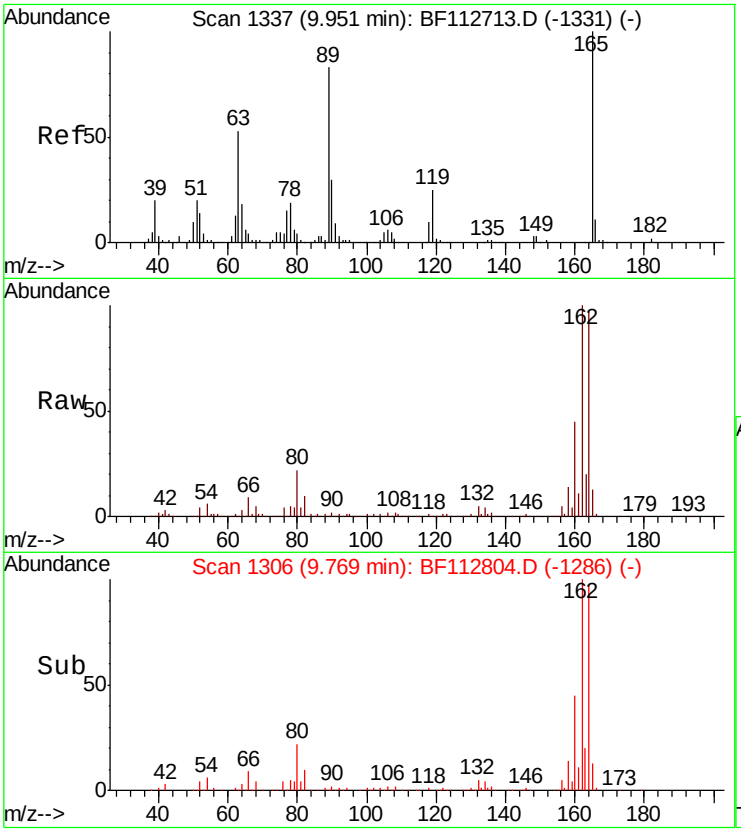


#51
2,6-Dinitrotoluene
Concen: 8.484 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:165 Resp: 32318

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.3	52.8	79.2#



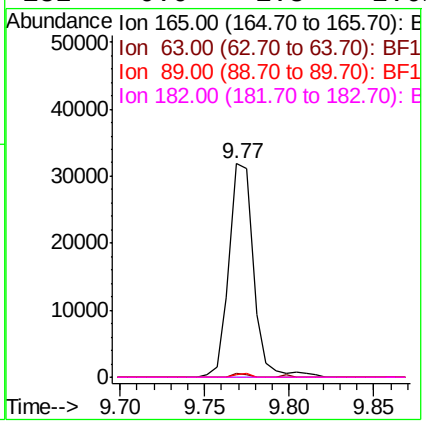


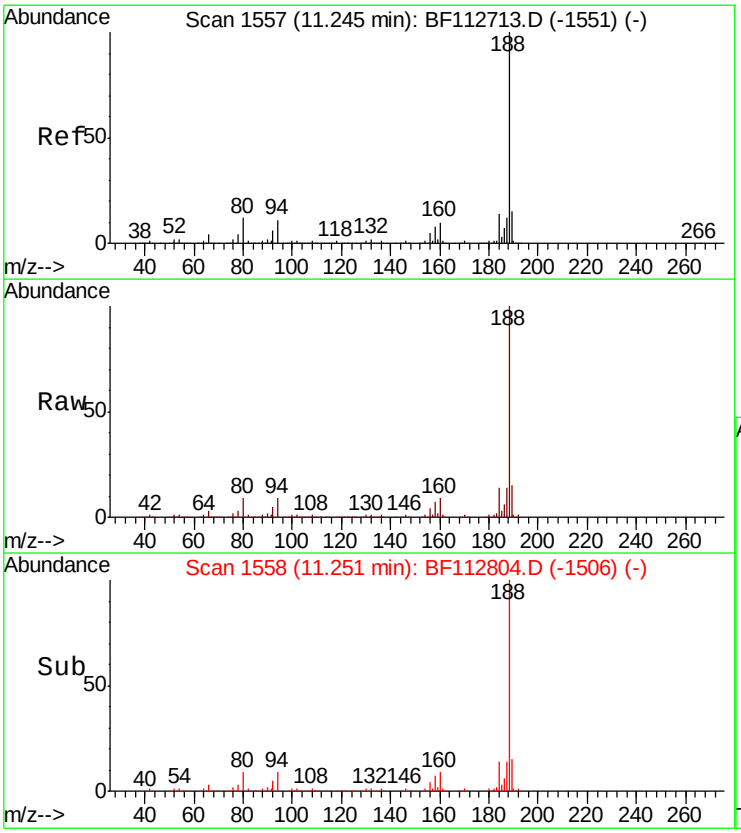
#57
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:165 Resp: 32318

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

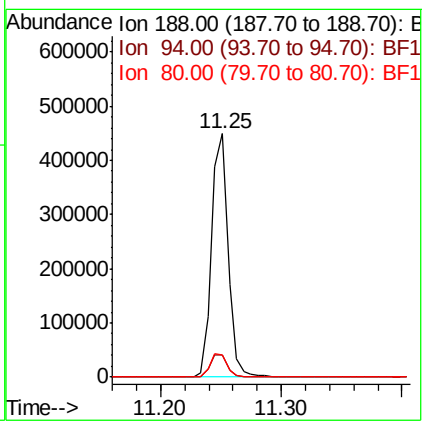


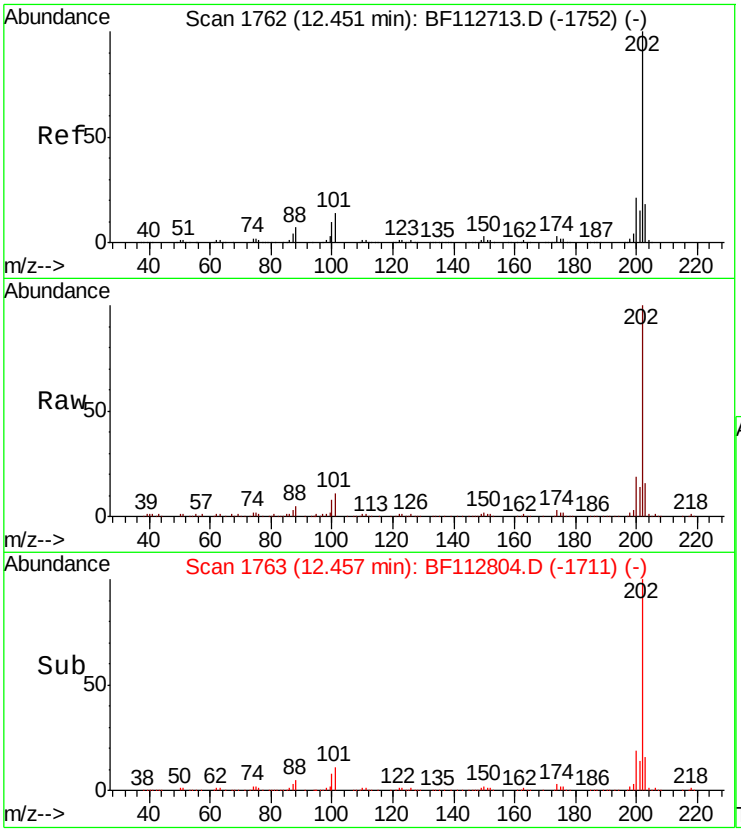


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:188 Resp: 420330

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.4	9.2	13.8



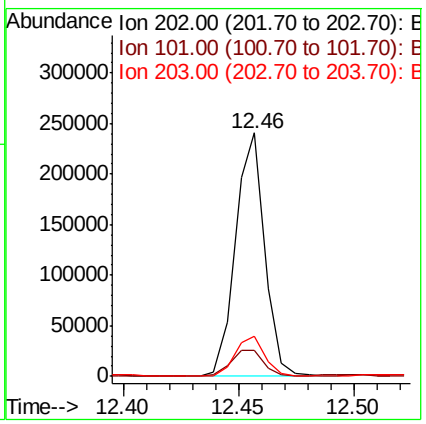


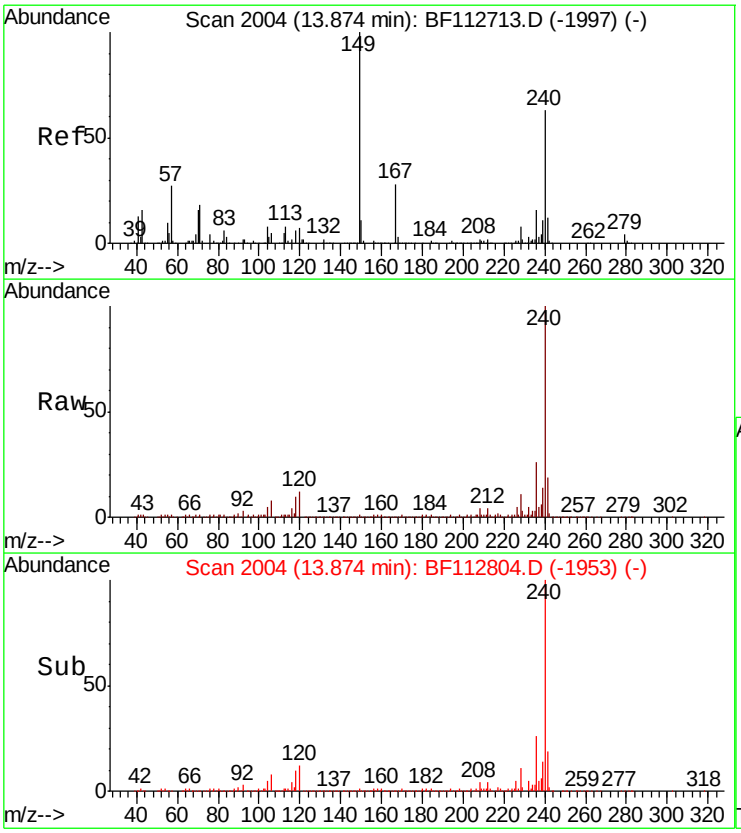
#75
Fluoranthene
Concen: 9.373 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:202 Resp: 210013

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	16.4	0.0	38.4

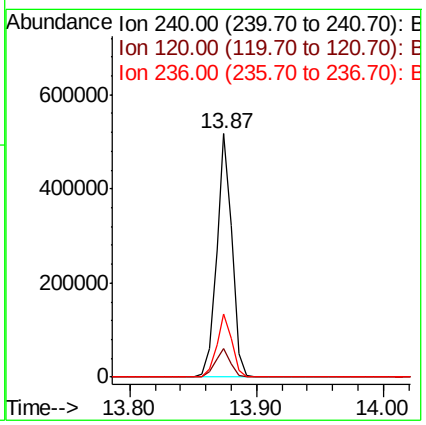


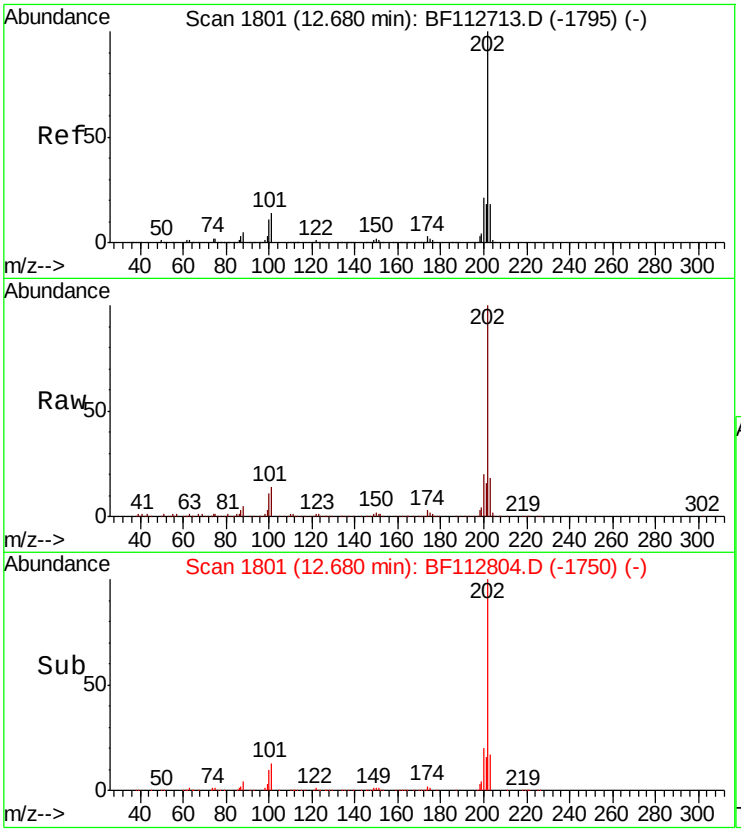


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:240 Resp: 434795

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.0	20.7	31.1



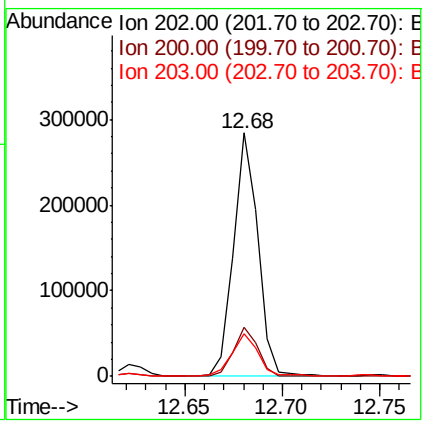


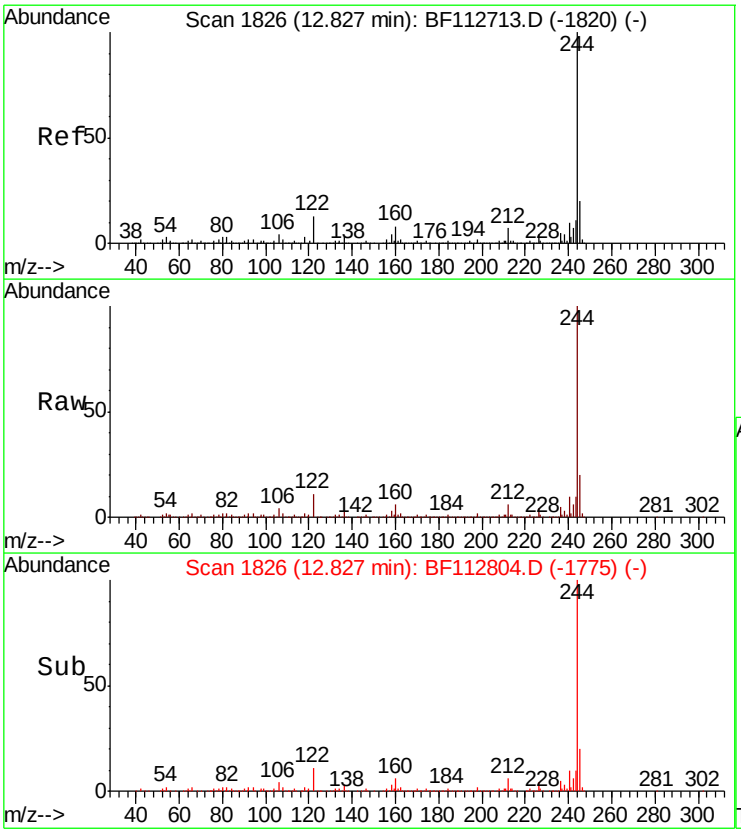
#78
Pyrene
Concen: 6.679 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:202 Resp: 244822

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	17.8	14.4	21.6

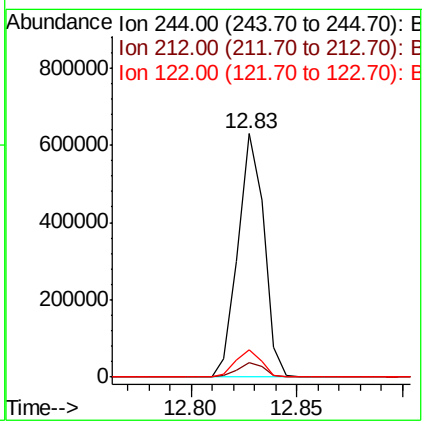


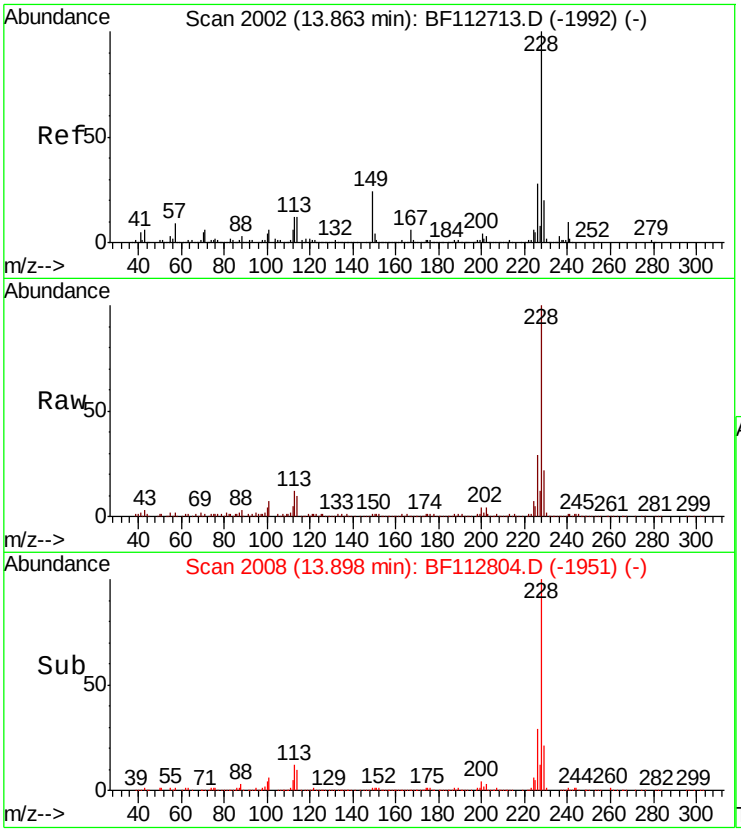


#79
Terphenyl-d14
Concen: 23.932 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:244 Resp: 536772

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	11.4	10.5	15.7



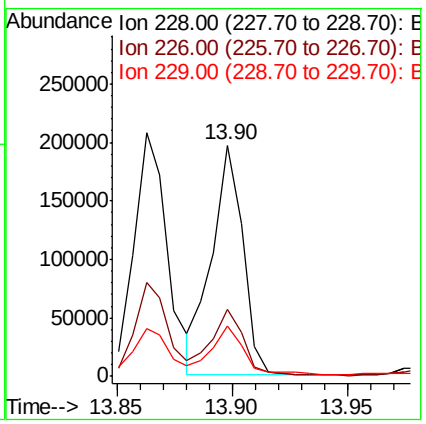


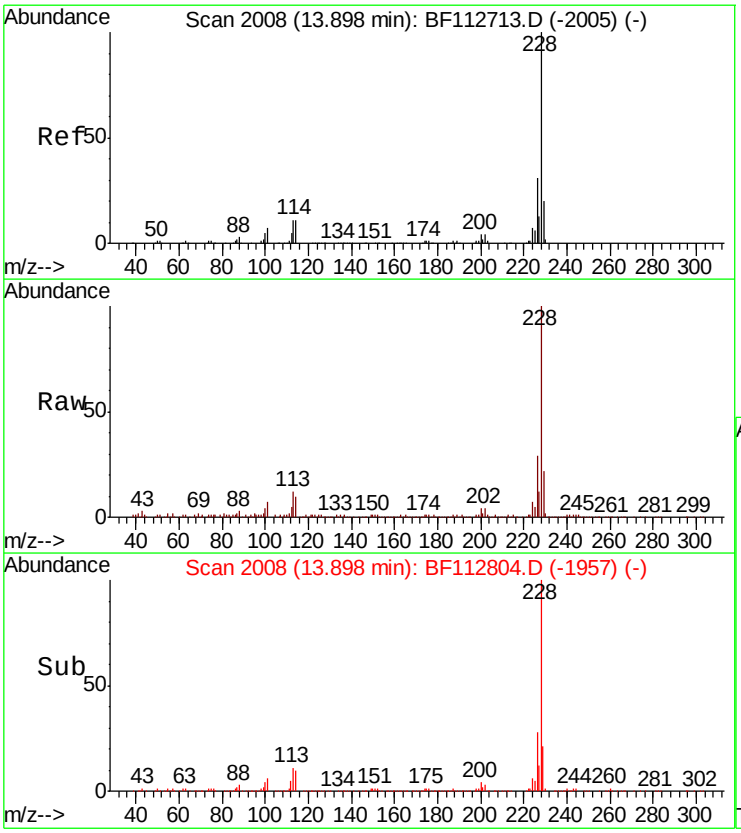
#81
Benzo(a)anthracene
Concen: 6.139 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:228 Resp: 184998

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.4
229	21.6	16.0	24.0

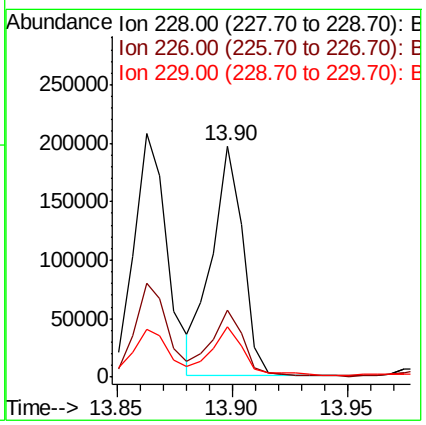


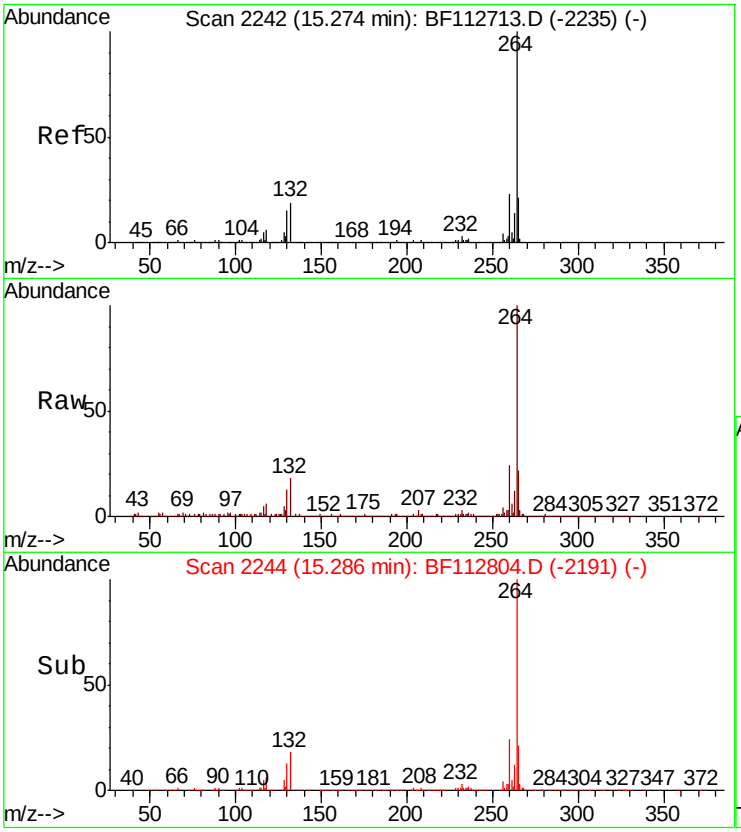


#83
Chrysene
Concen: 6.267 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:228 Resp: 184998

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	21.6	16.3	24.5



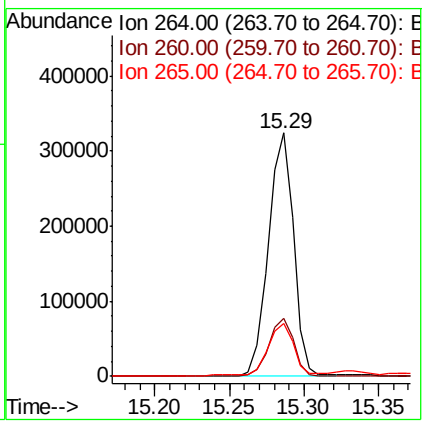


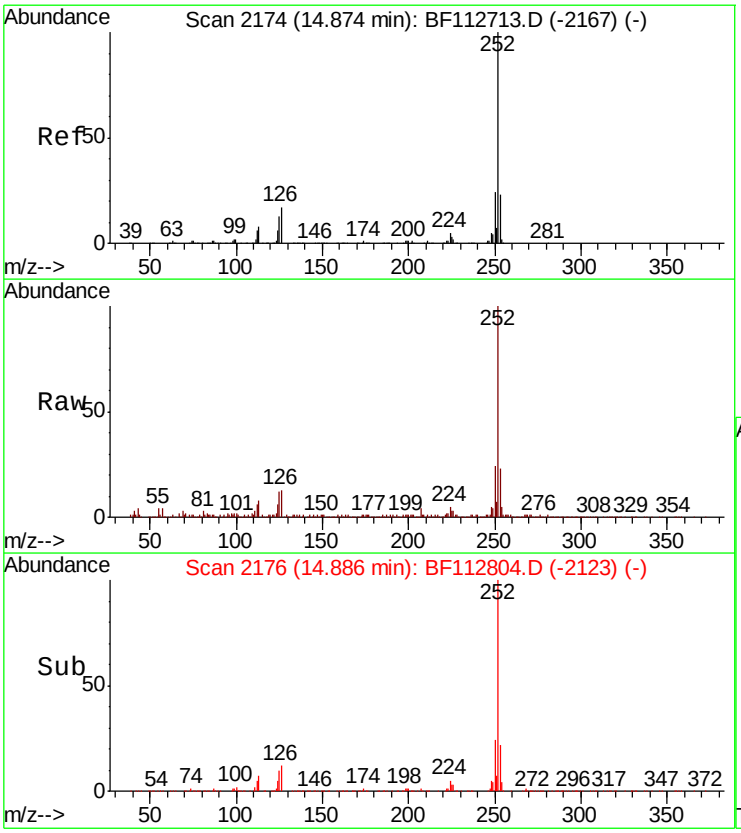
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:264 Resp: 378676

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	17.2	25.8

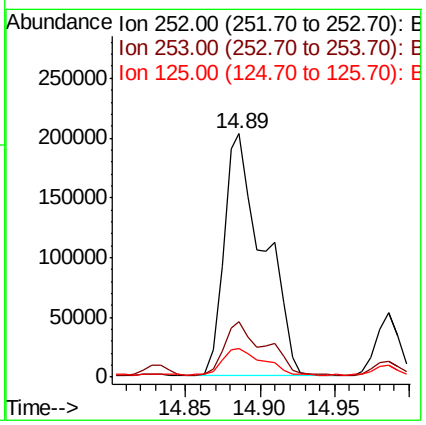


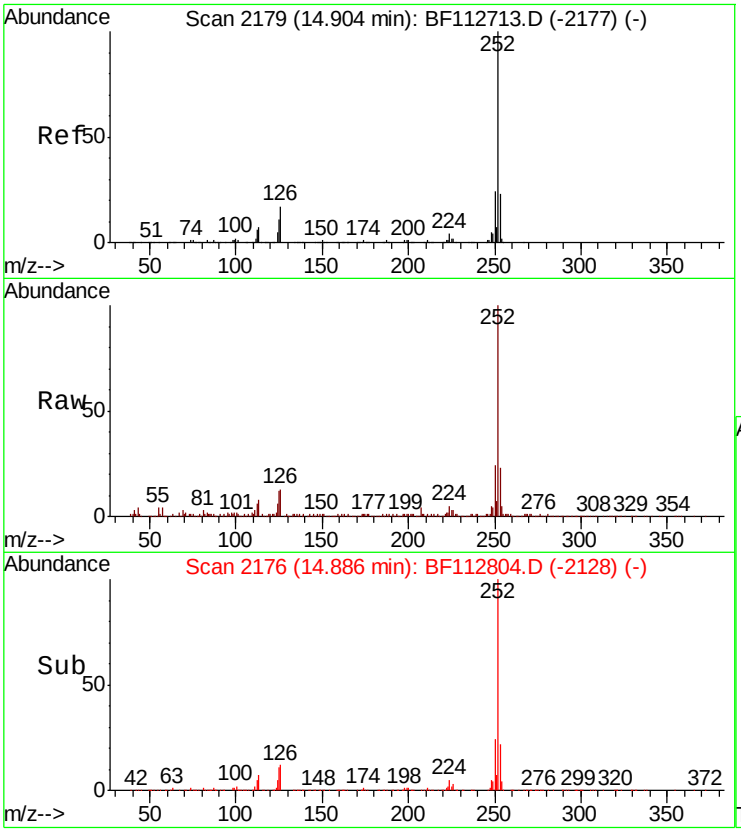


#88
Benzo(b)fluoranthene
Concen: 15.275 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:252 Resp: 374135

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.6	10.2	15.2



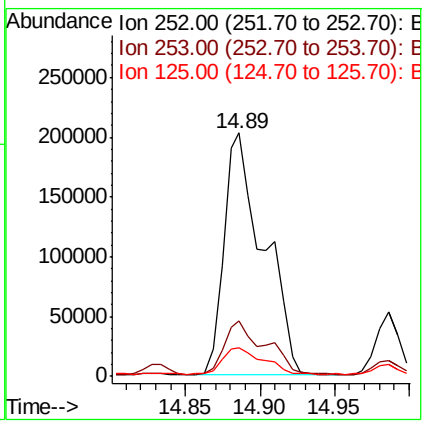


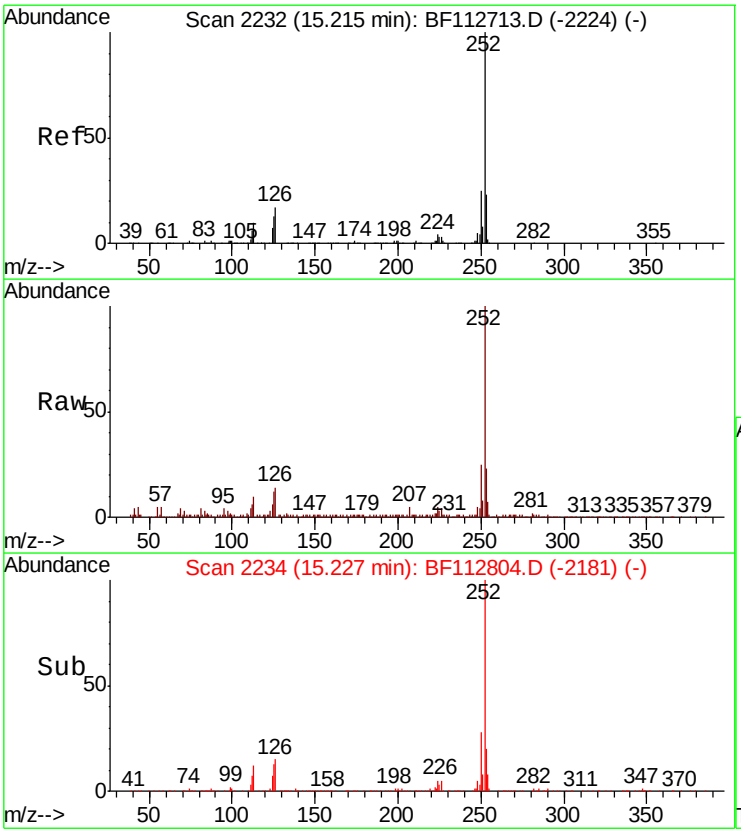
#89
Benzo(k)fluoranthene
Concen: 16.863 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:252 Resp: 374135

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.6	9.8	14.6

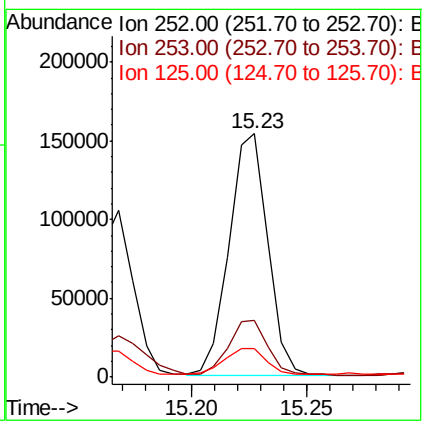


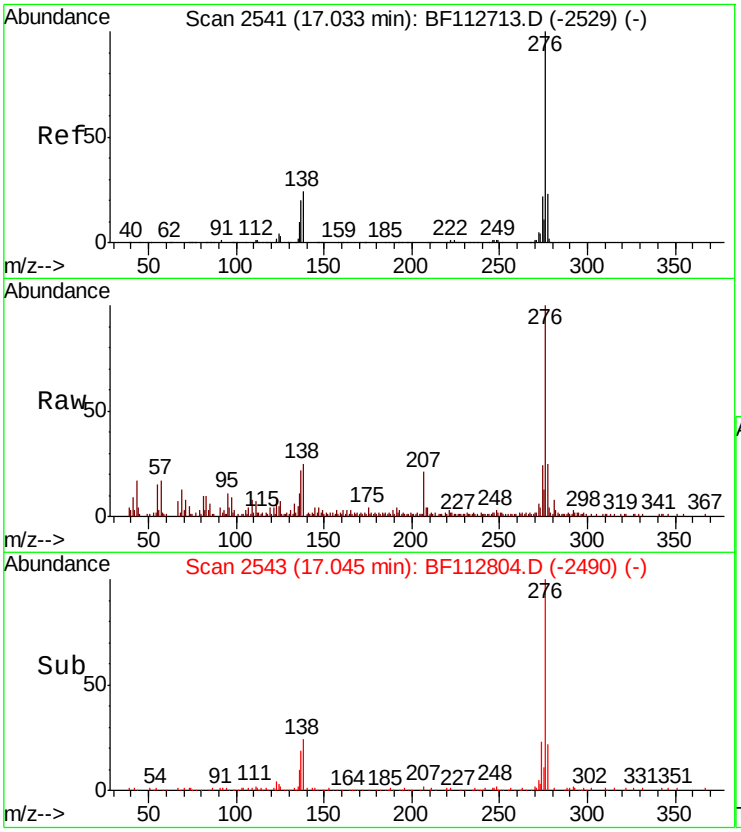


#90
Benzo(a)pyrene
Concen: 8.292 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Tgt Ion:252 Resp: 179644

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.7	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 4.458 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112804.D
Acq: 1 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:276 Resp: 82758

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	25.2	19.4	29.0