Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
Data File : BF113053.D
Acq On : 14 Mar 2019 16:50
Operator : JU/SJ
Sample : K1866-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MR-MH-03-COMP

Quant Time: Mar 15 06:43:04 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	6.73	152	214021	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	815217	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	382444	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	803832	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	730902	20.00	ng		0.00
87) Perylene-d12	15.27	264	706788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1207853	87.79	ng		0.00
7) Phenol-d6	6.37	99	1566289	90.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	972802	71.40	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	490884	120.90	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1712354	71.04	ng		0.00
79) Terphenyl-d14	12.82	244	1948744	51.68	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	127309	11.631	ng	#	76
25) Isophorone	7.29	82	945121	32.201	ng	#	66
50) Dimethylphthalate	9.47	163	186497	6.613	ng		98
57) 2,4-Dinitrotoluene	9.76	165	48251	6.610	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	717	4.809	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	27907	3.296	ng	#	1
71) Phenanthrene	11.26	178	132152	3.304	ng		98
75) Fluoranthene	12.44	202	432595	10.096	ng		96
78) Pyrene	12.67	202	431402	7.001	ng		99
81) Benzo(a)anthracene	13.85	228	230465	4.550	ng		97
83) Chrysene	13.89	228	219780	4.429	ng		98
86) Indeno(1,2,3-cd)pyrene	16.62	276	149186	3.527	ng	#	89
88) Benzo(b)fluoranthene	14.87	252	375063	8.204	ng		97
89) Benzo(k)fluoranthene	14.87	252	375063	9.057	ng		98
90) Benzo(a)pyrene	15.21	252	207687	5.136	ng		97
92) Benzo(g,h,i)perylene	17.03	276	147925	4.269	ng		96

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

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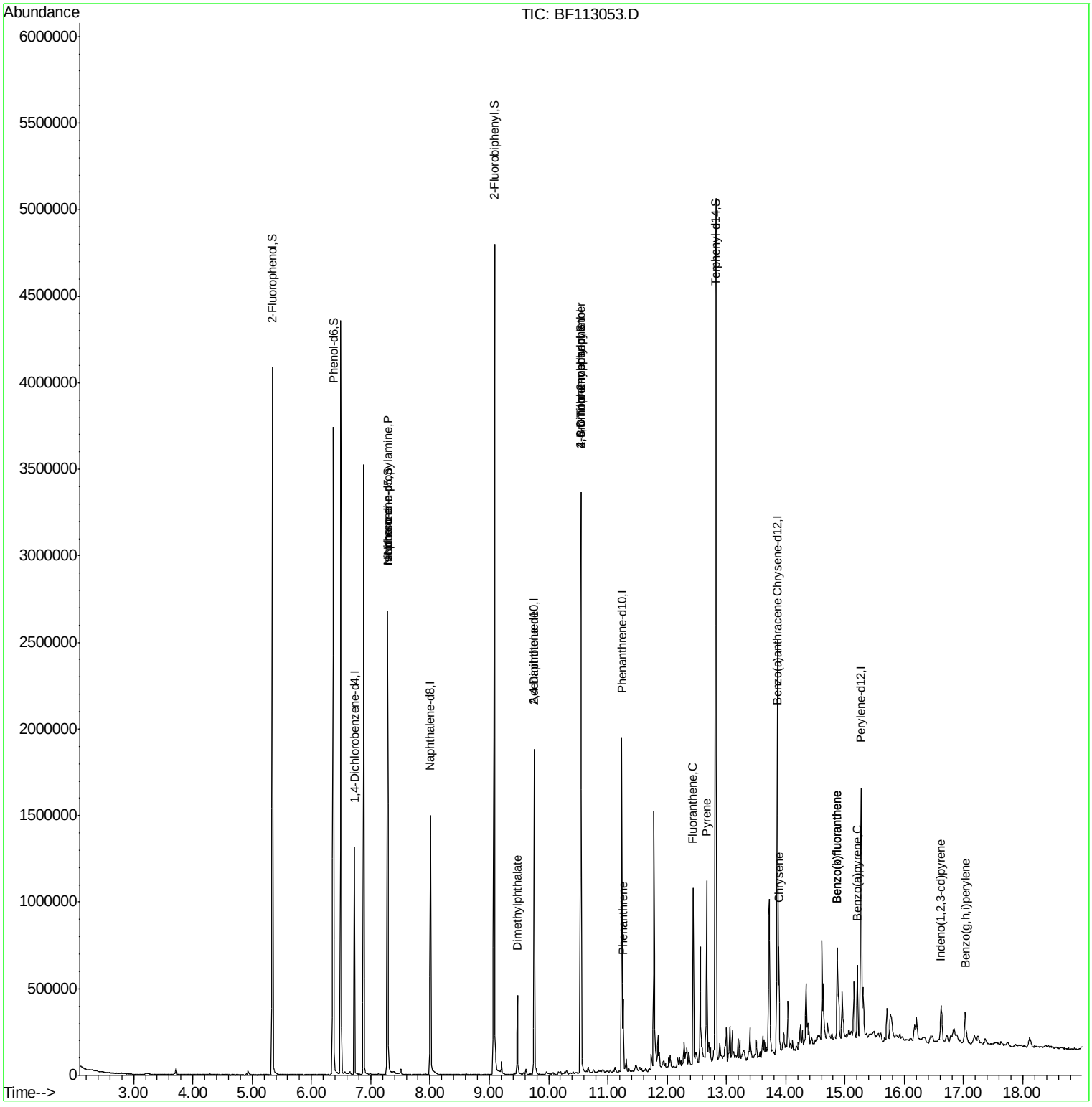
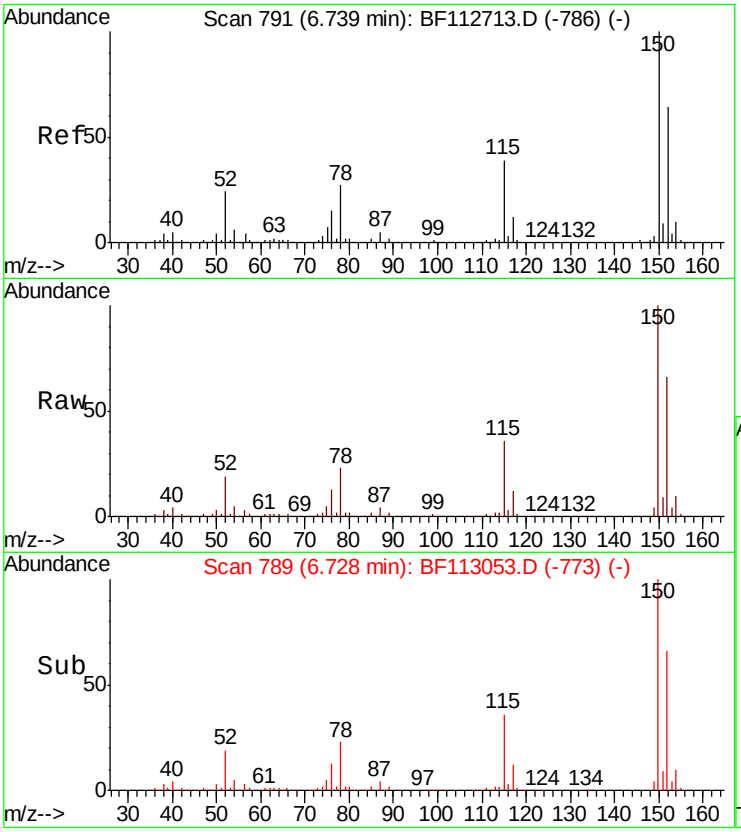


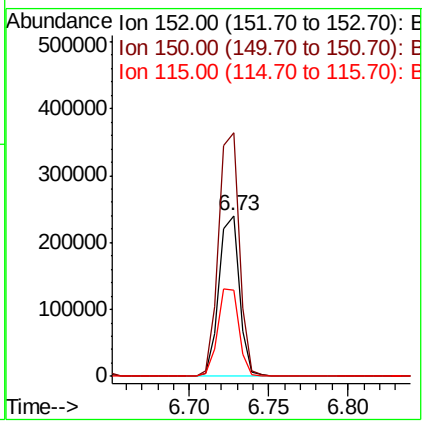


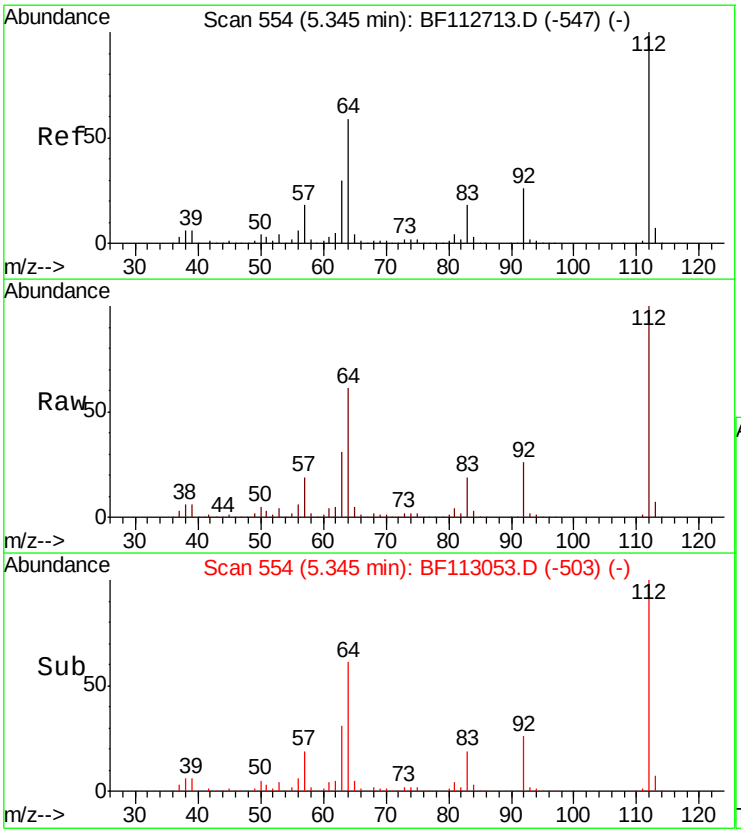
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:152 Resp: 214021

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.2	186.2
115	54.0	48.2	72.4

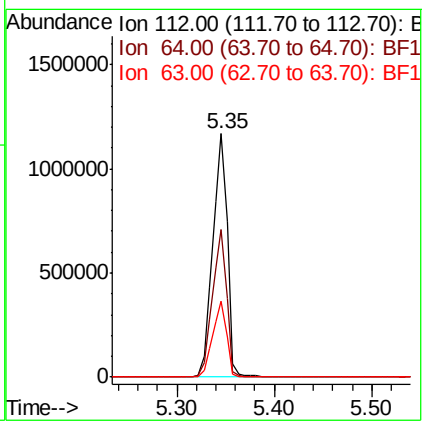


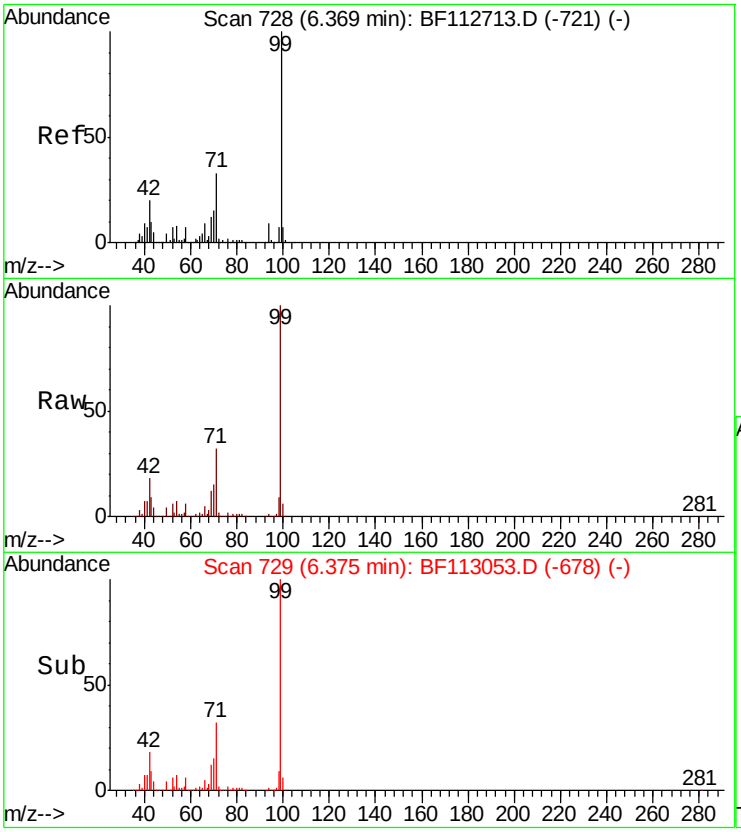


#5
2-Fluorophenol
Concen: 87.789 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:112 Resp: 1207853

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.6	71.4
63	31.3	24.4	36.6



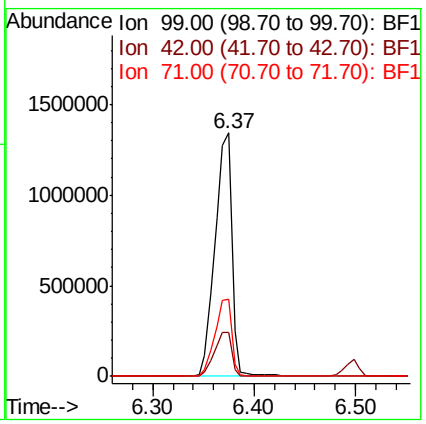


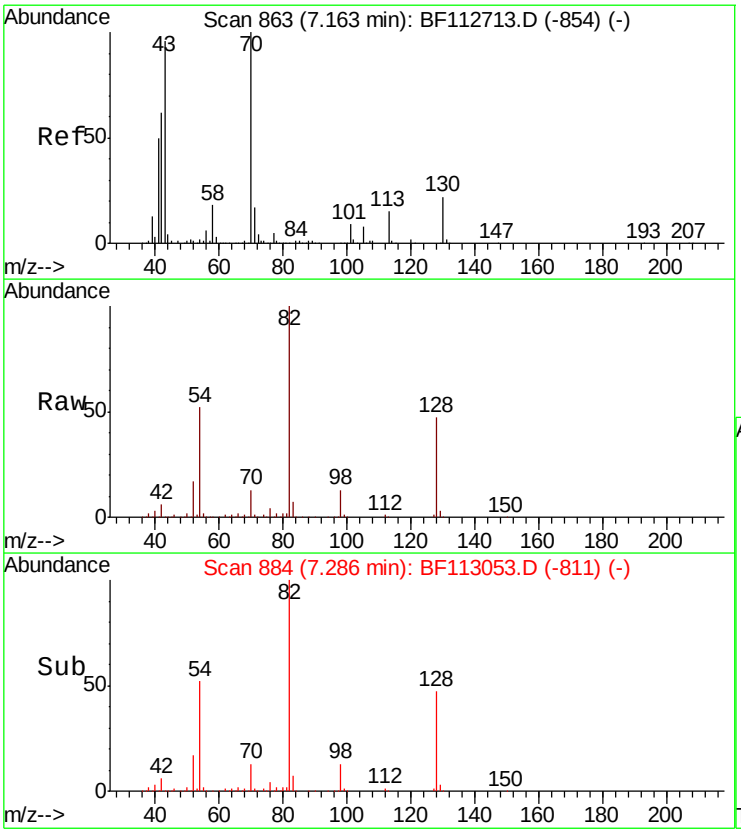
#7
Phenol-d6
Concen: 90.626 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion: 99 Resp: 1566289

Ion	Ratio	Lower	Upper
99	100		
42	18.2	16.3	24.5
71	31.9	26.2	39.4

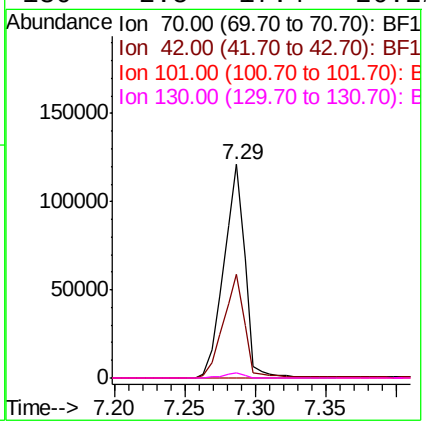


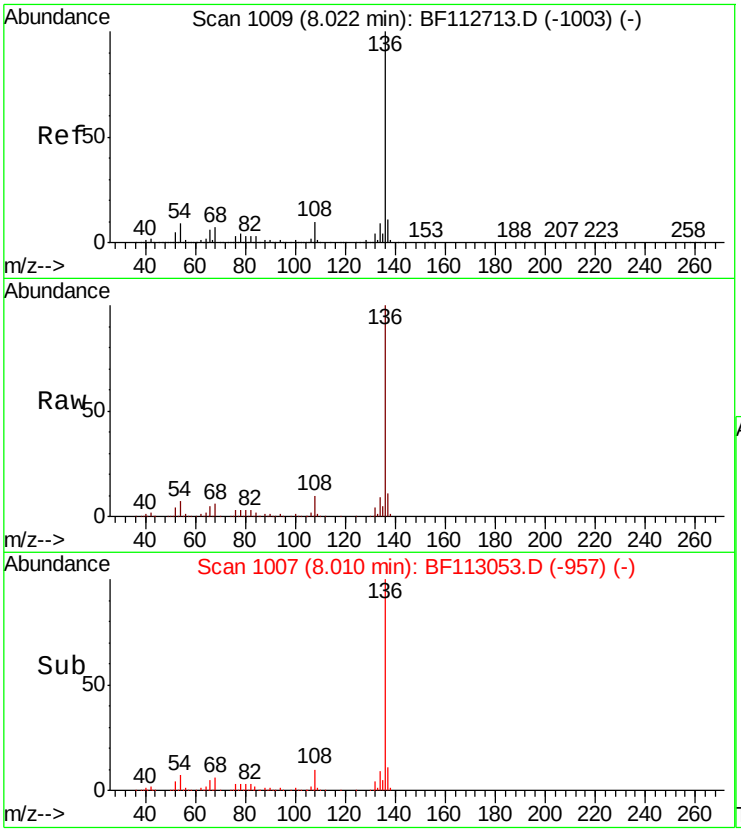


#19
n-Nitroso-di-n-propylamine
Concen: 11.631 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion: 70 Resp: 127309

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.5	17.4	26.2#



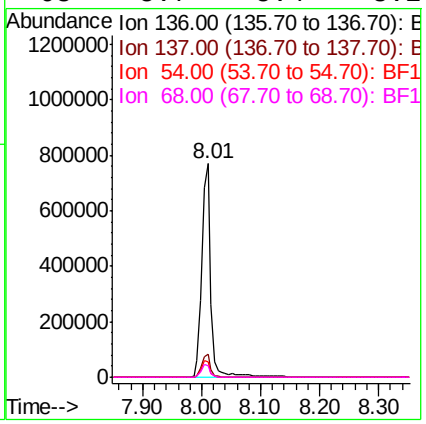


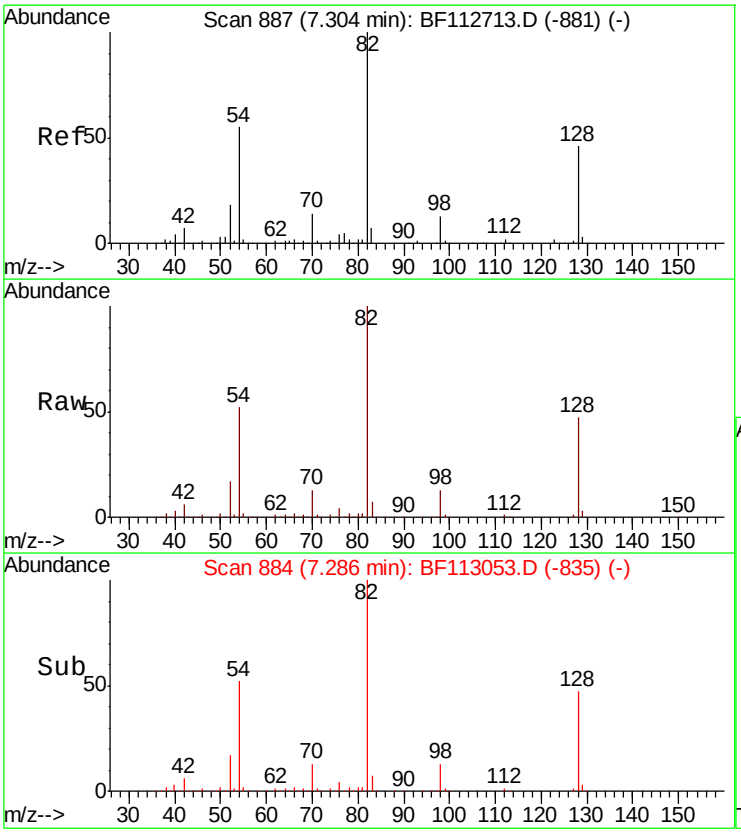
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:136 Resp: 815217

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

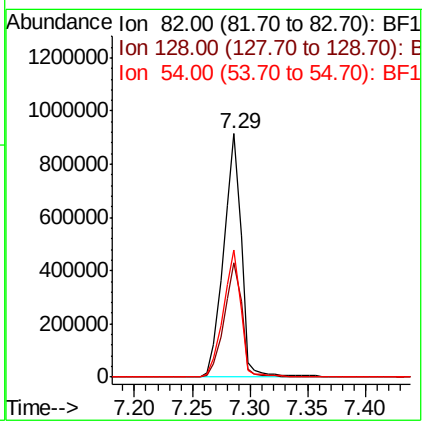


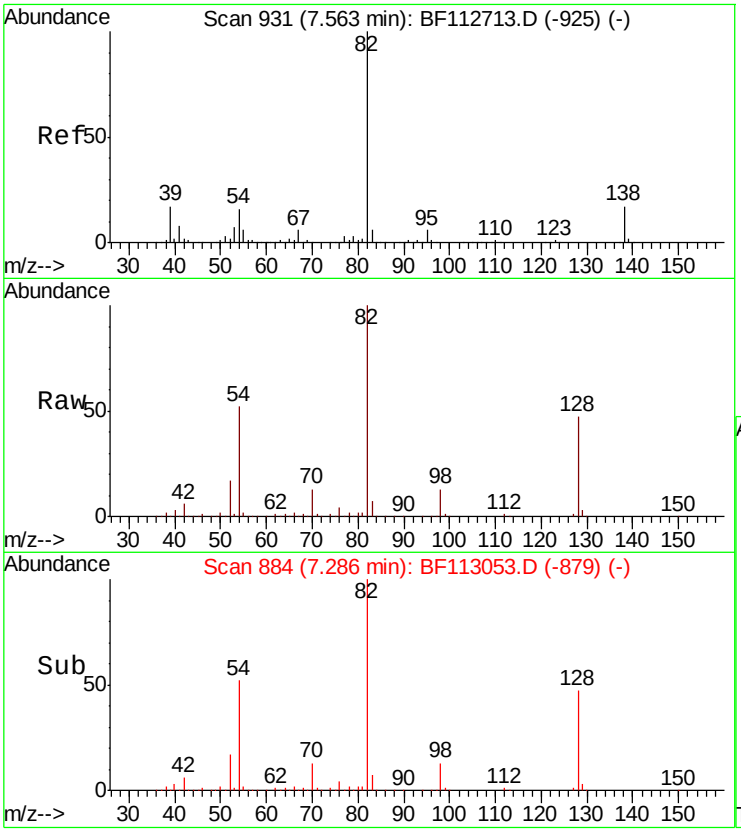


#23
Nitrobenzene-d5
Concen: 71.405 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion: 82 Resp: 972802

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	52.4	43.7	65.5



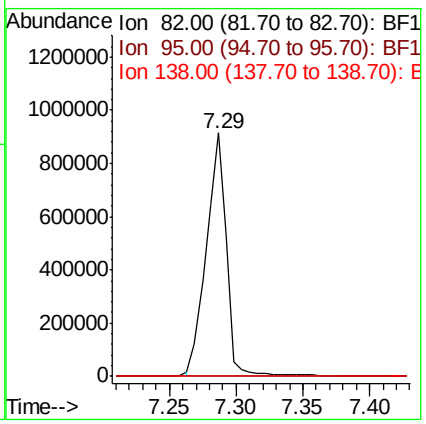


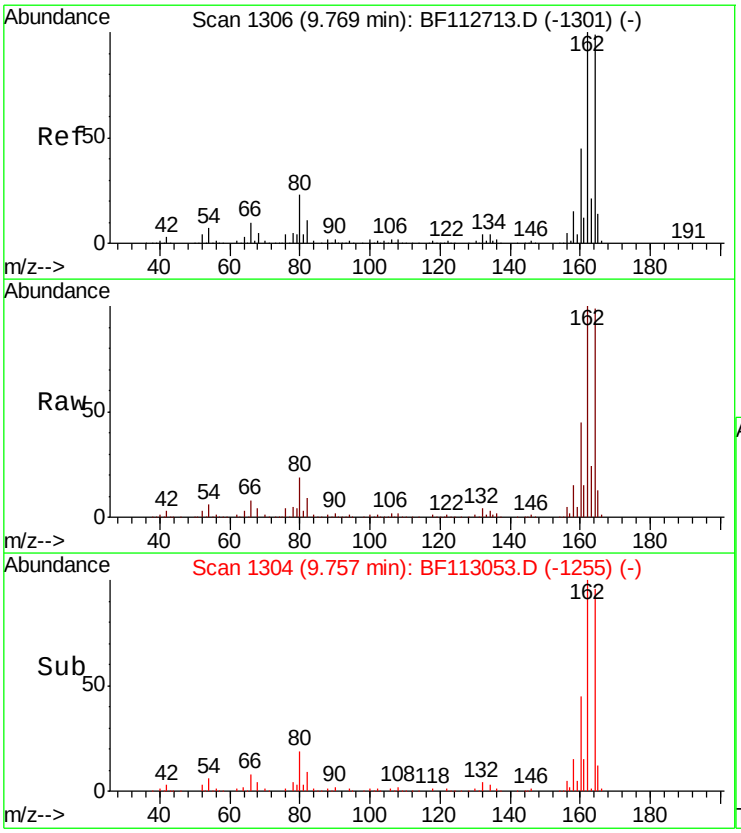
#25
Isophorone
Concen: 32.201 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion: 82 Resp: 945121

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

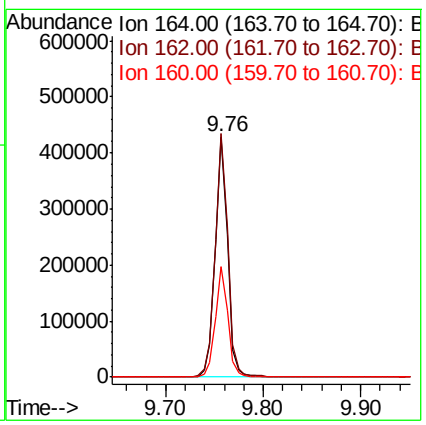


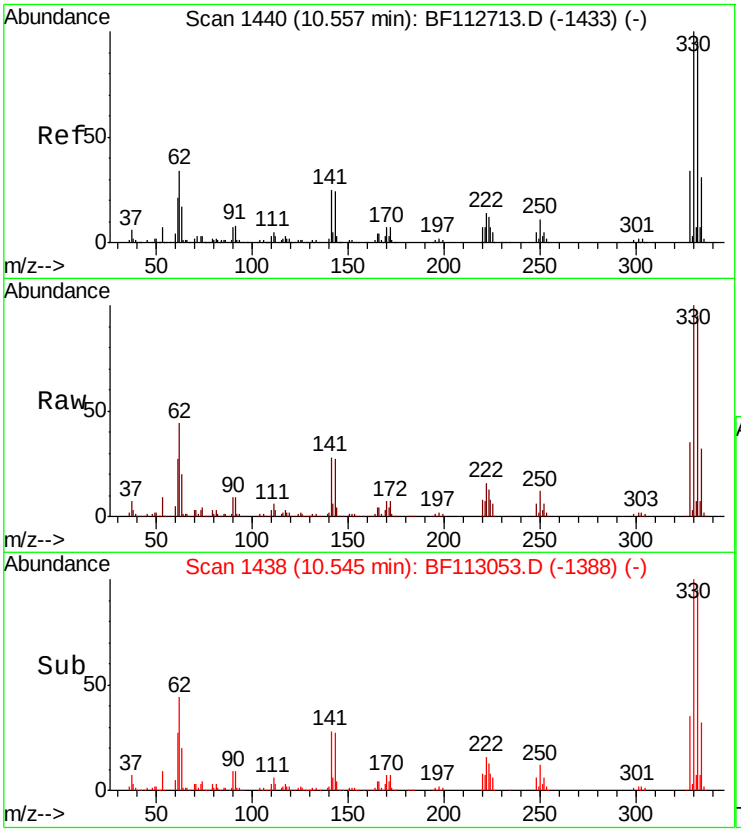


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:164 Resp: 382444

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	45.8	36.0	54.0



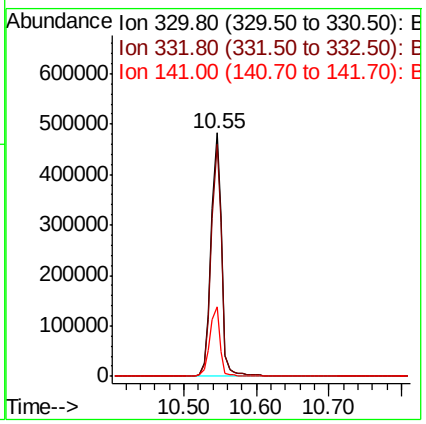


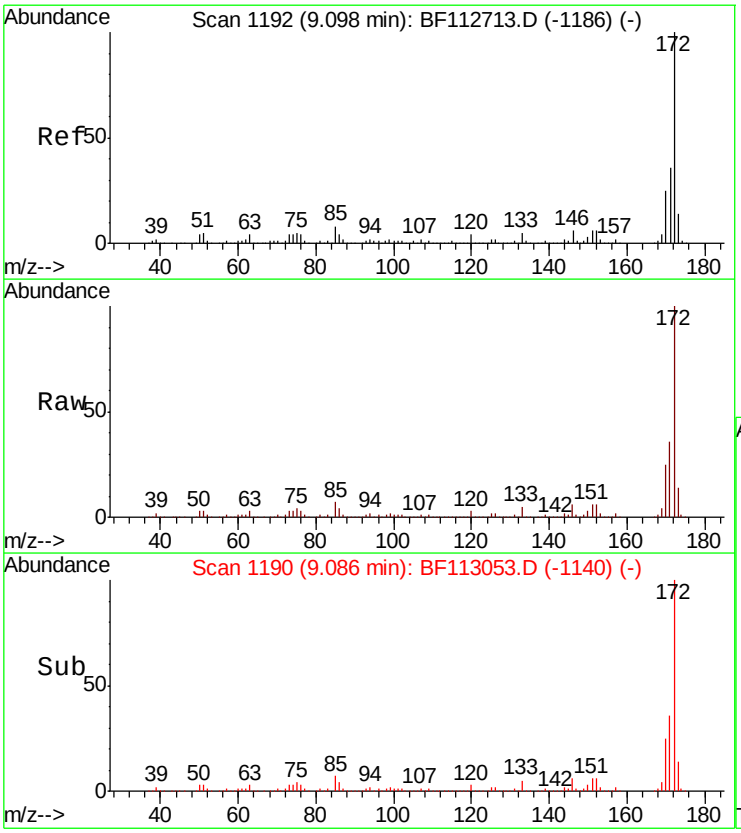
#42
2,4,6-Tribromophenol
Concen: 120.904 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:330 Resp: 490884

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.2	114.4
141	28.1	27.0	40.6

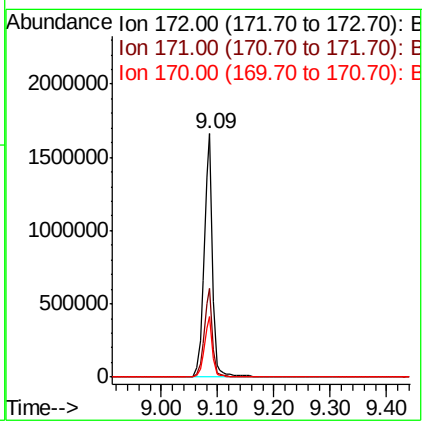


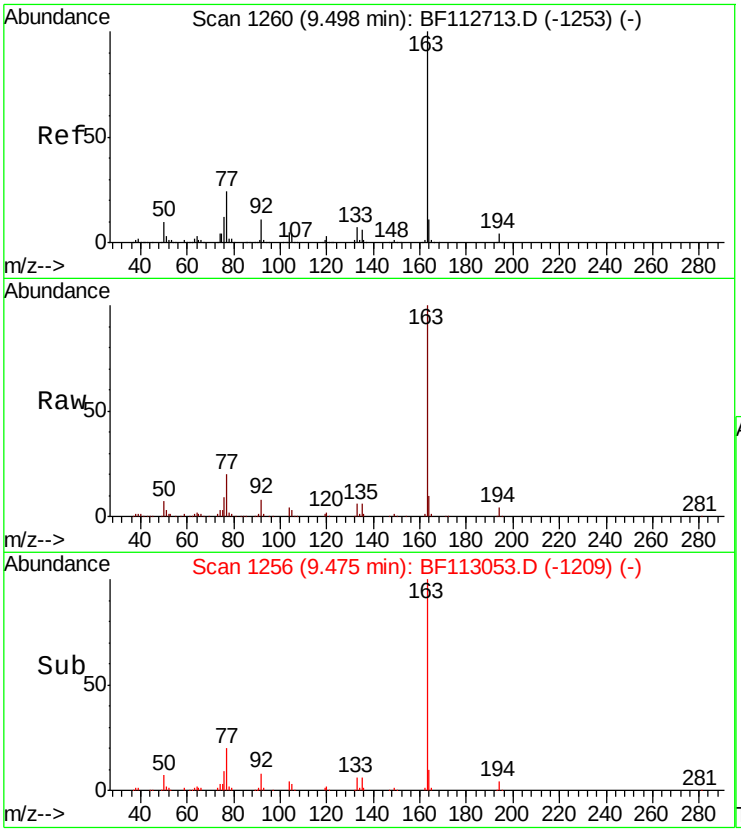


#45
2-Fluorobiphenyl
Concen: 71.038 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:172 Resp: 1712354

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0



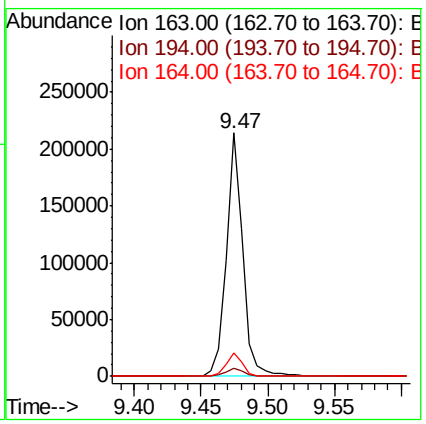


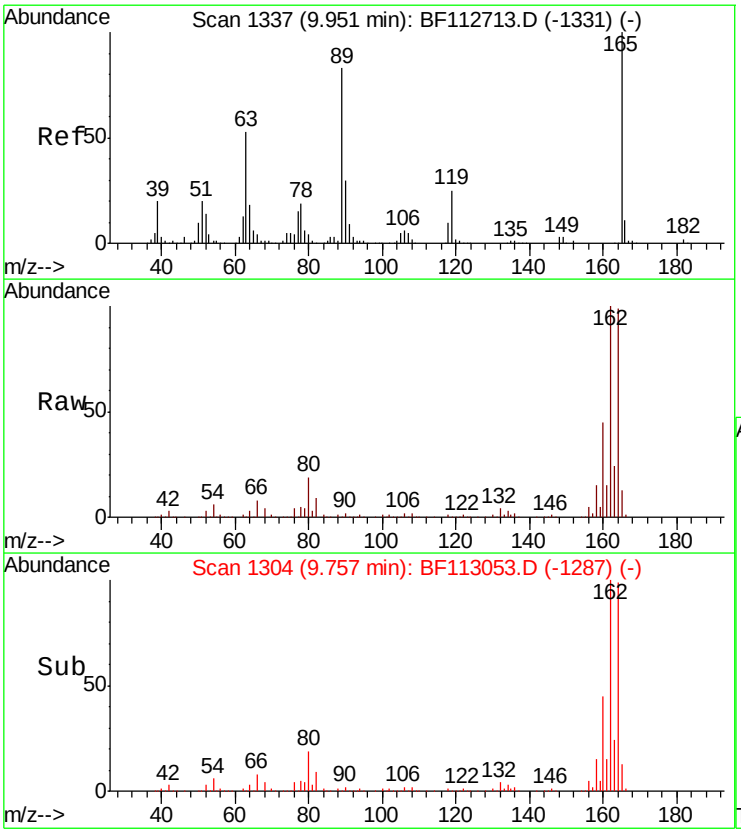
#50
Dimethylphthalate
Concen: 6.613 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:163 Resp: 186497

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.7	8.4	12.6

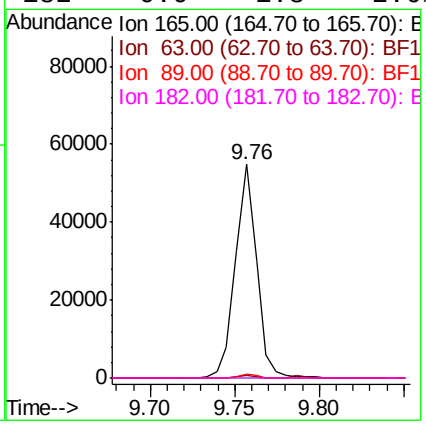


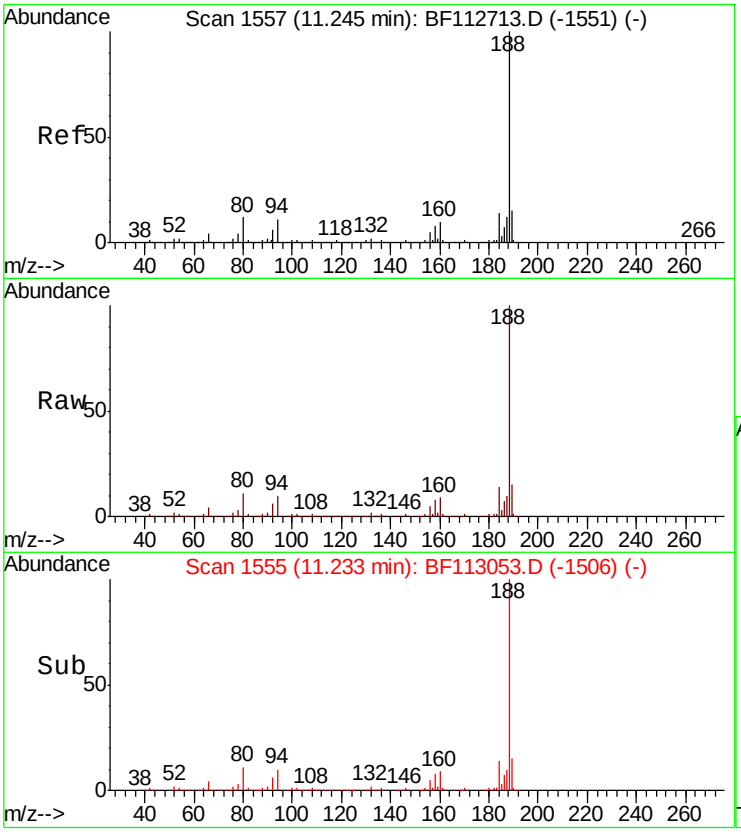


#57
2,4-Dinitrotoluene
Concen: 6.610 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:165 Resp: 48251

Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.7	66.2	99.4#
182	0.0	1.8	2.6#



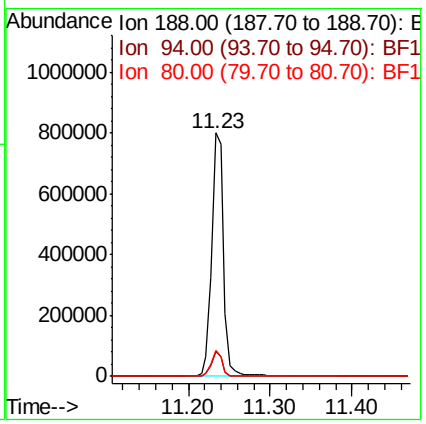


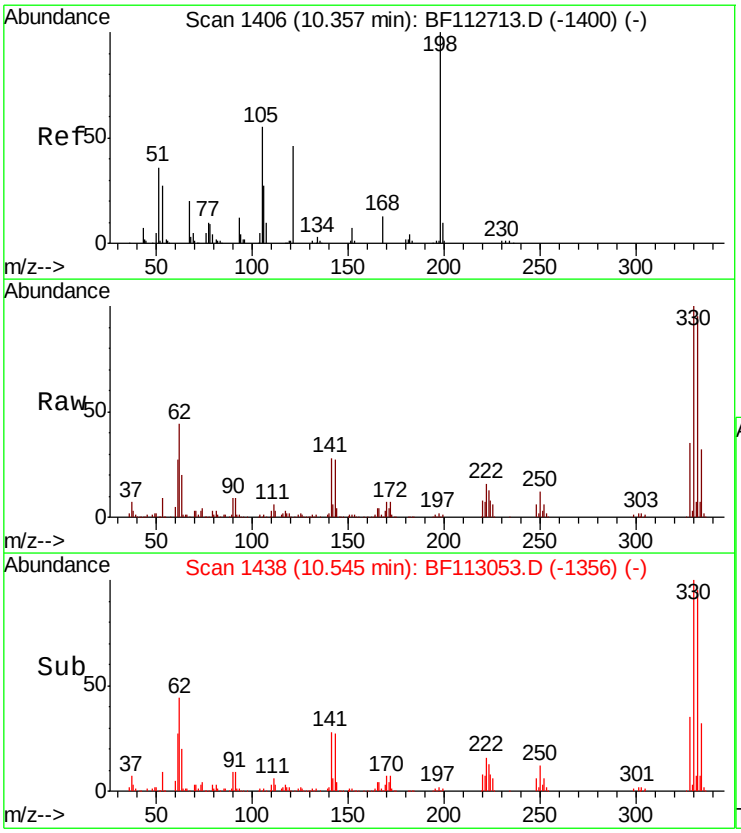
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:188 Resp: 803832

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.8	9.2	13.8

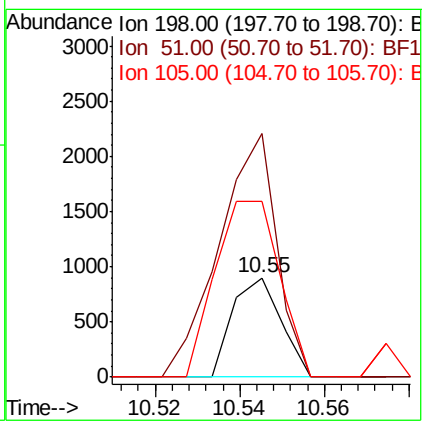


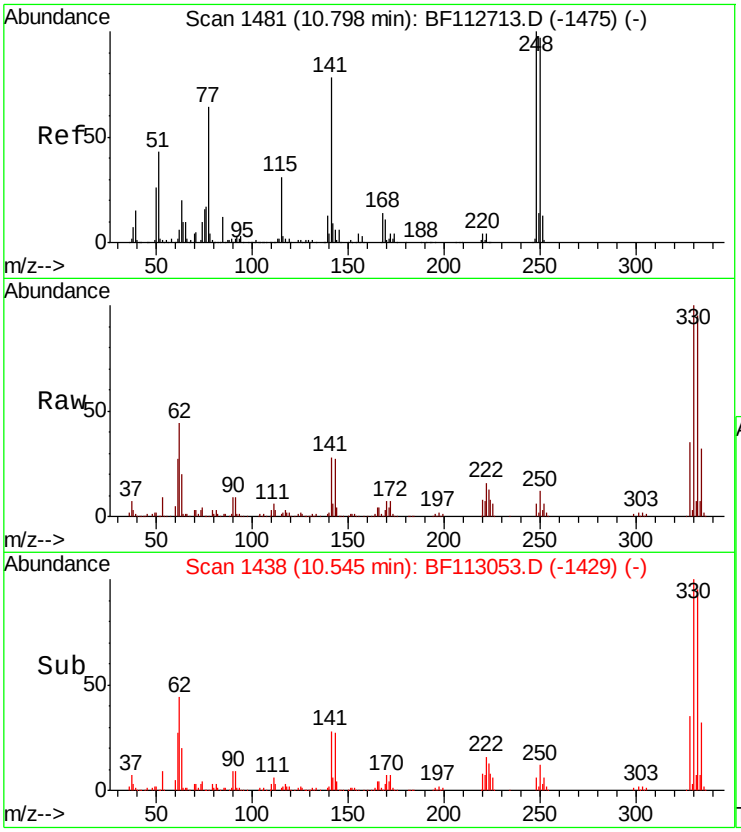


#65
4,6-Dinitro-2-methylphenol
Concen: 4.809 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:198 Resp: 717

Ion	Ratio	Lower	Upper
198	100		
51	245.9	43.8	83.8#
105	177.0	36.5	76.5#



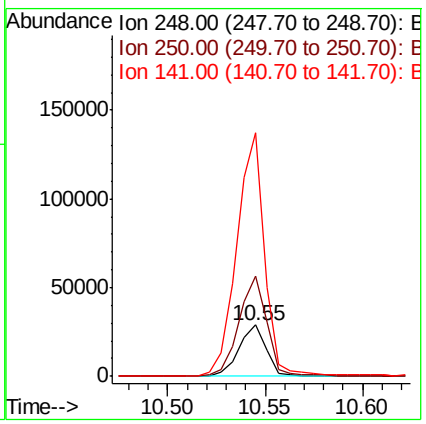


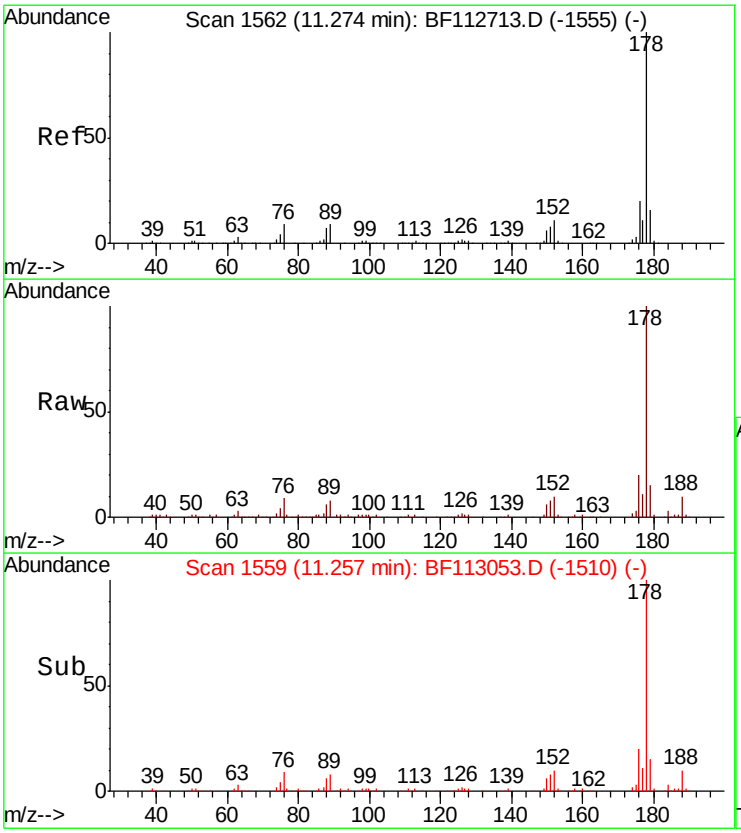
#67
4-Bromophenyl-phenylether
Concen: 3.296 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:248 Resp: 27907

Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.5	116.3#
141	477.3	62.4	93.6#

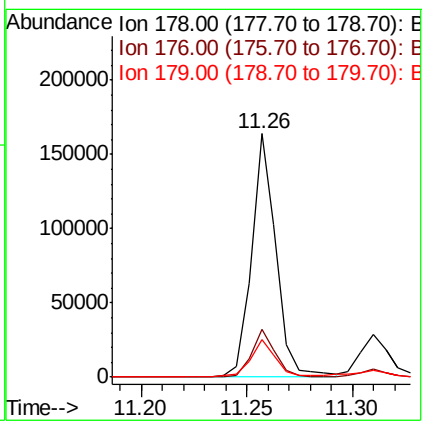


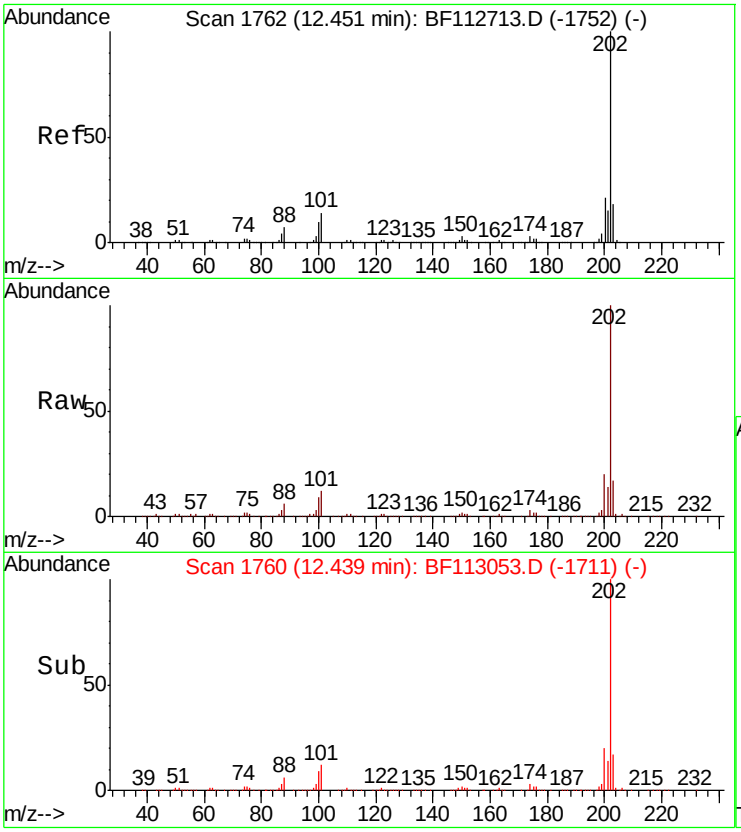


#71
Phenanthrene
Concen: 3.304 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:178 Resp: 132152

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.4	12.7	19.1



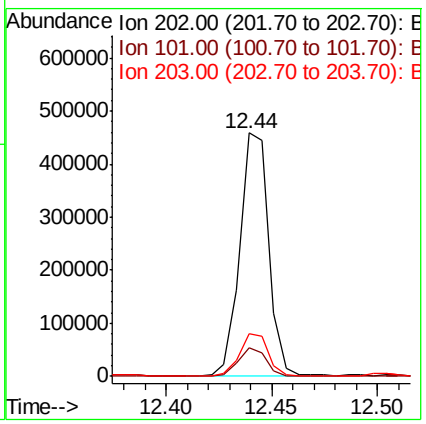


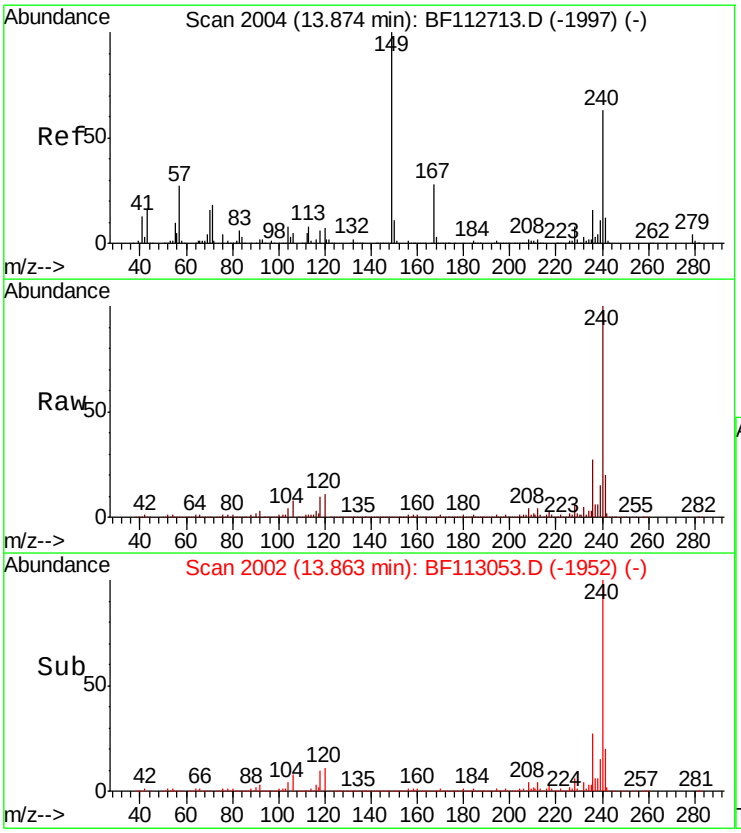
#75
Fluoranthene
Concen: 10.096 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:202 Resp: 432595

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	17.4	0.0	38.4

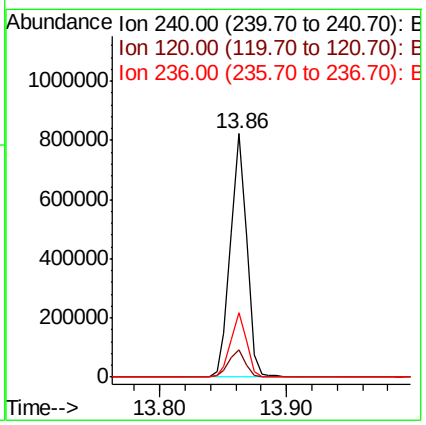


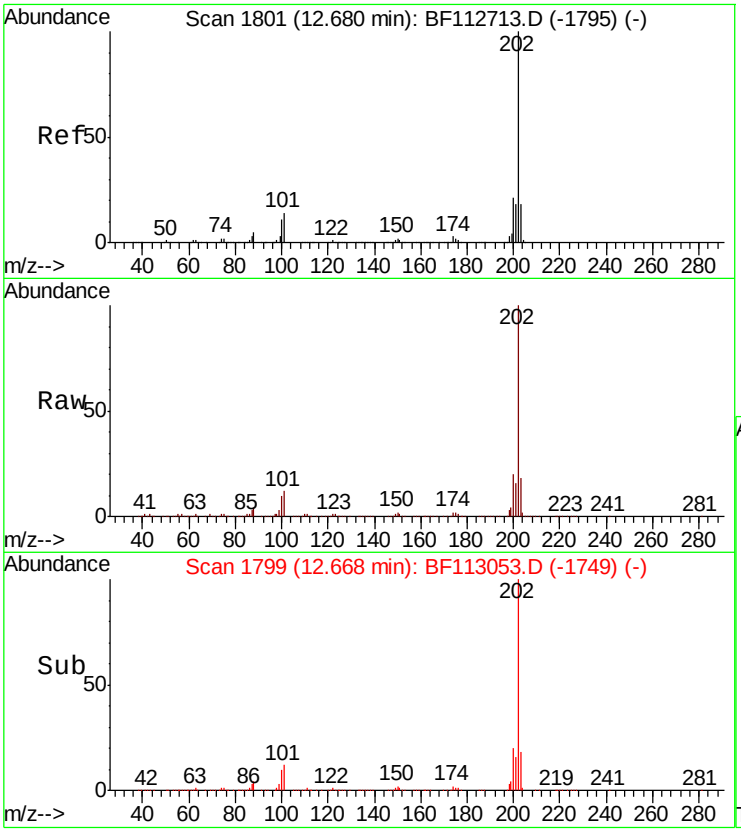


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:240 Resp: 730902

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.6	20.7	31.1



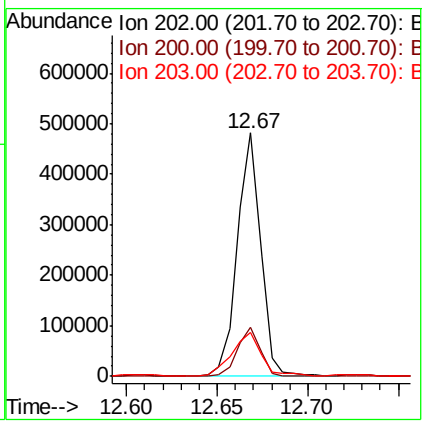


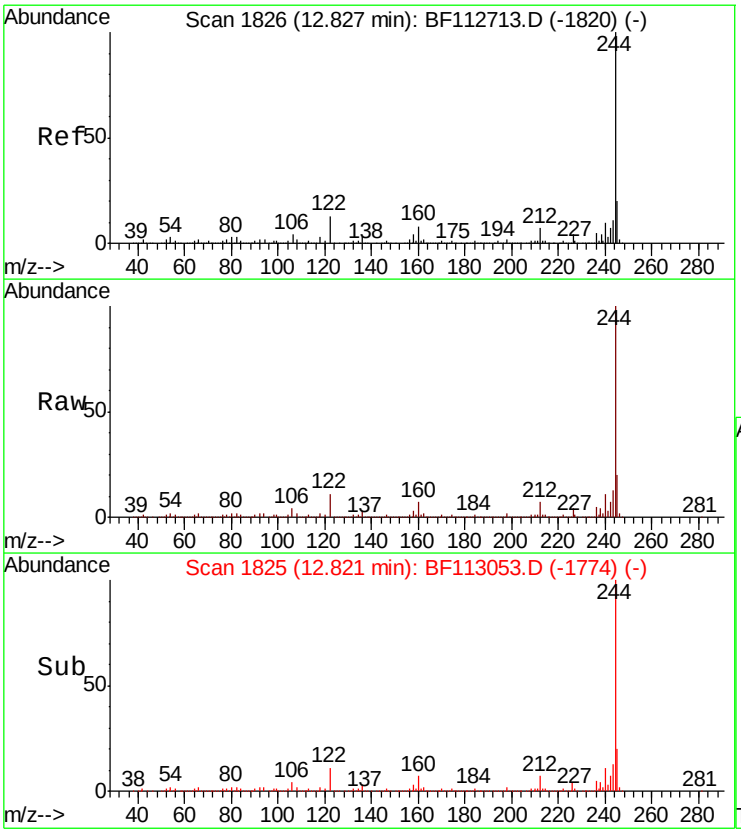
#78
Pyrene
Concen: 7.001 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:202 Resp: 431402

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	18.3	14.4	21.6

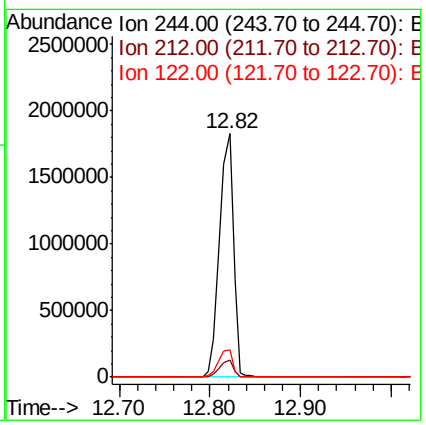


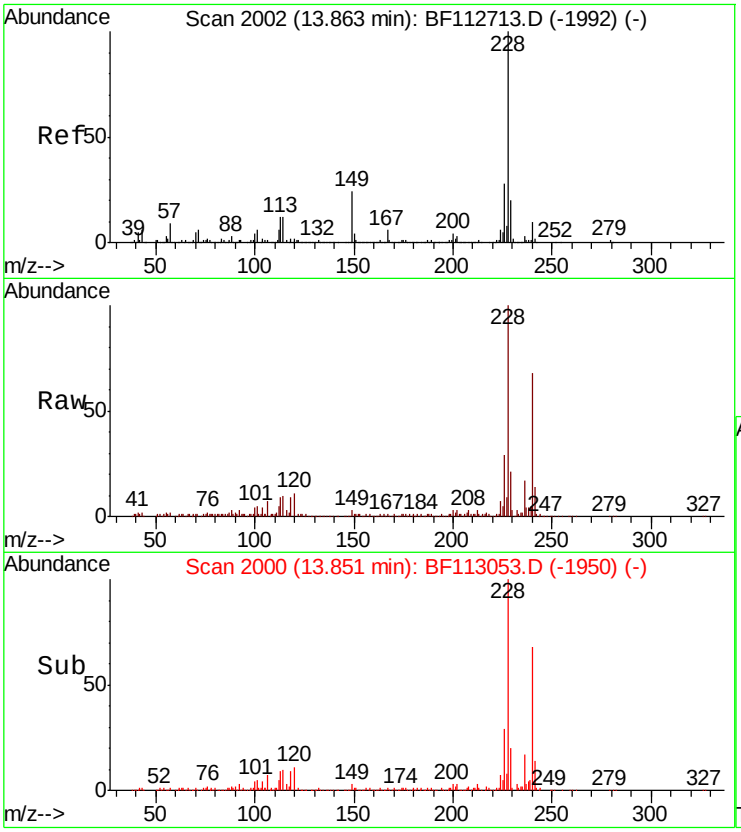


#79
Terphenyl-d14
Concen: 51.685 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:244 Resp: 1948744

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	10.5	15.7



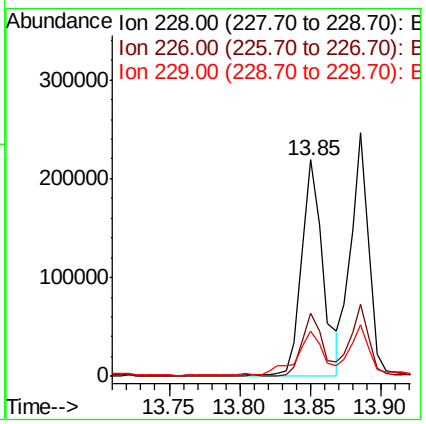


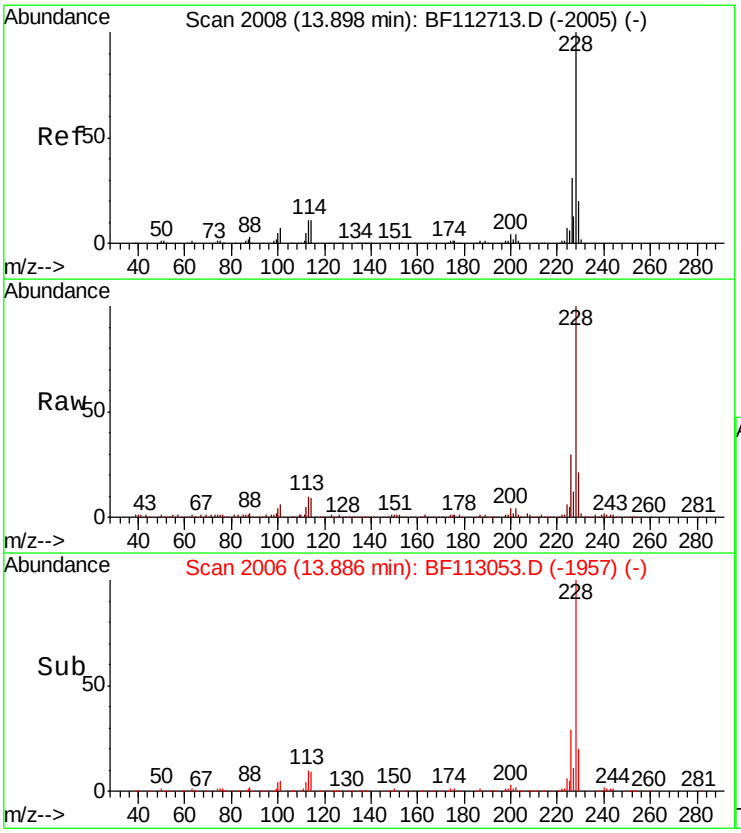
#81
Benzo(a)anthracene
Concen: 4.550 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:228 Resp: 230465

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.4
229	21.2	16.0	24.0

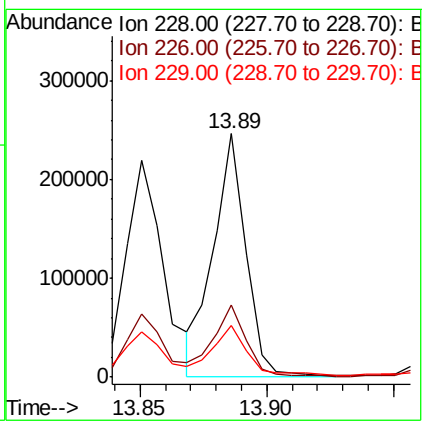


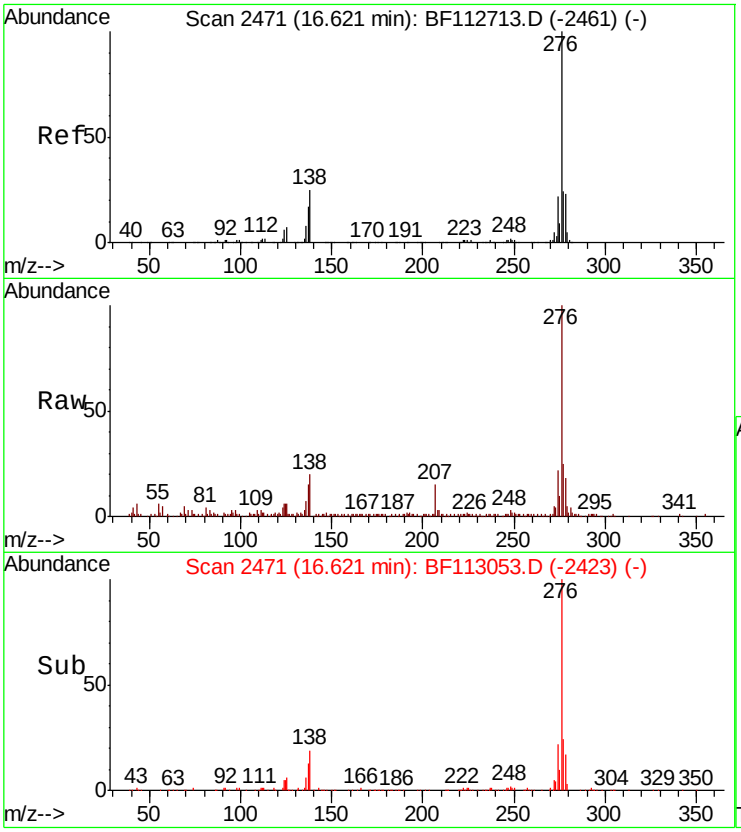


#83
Chrysene
Concen: 4.429 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:228 Resp: 219780

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.2	16.3	24.5



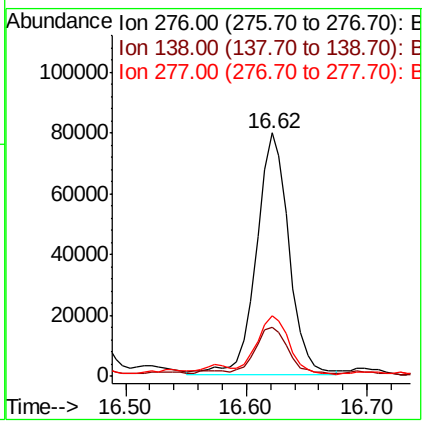


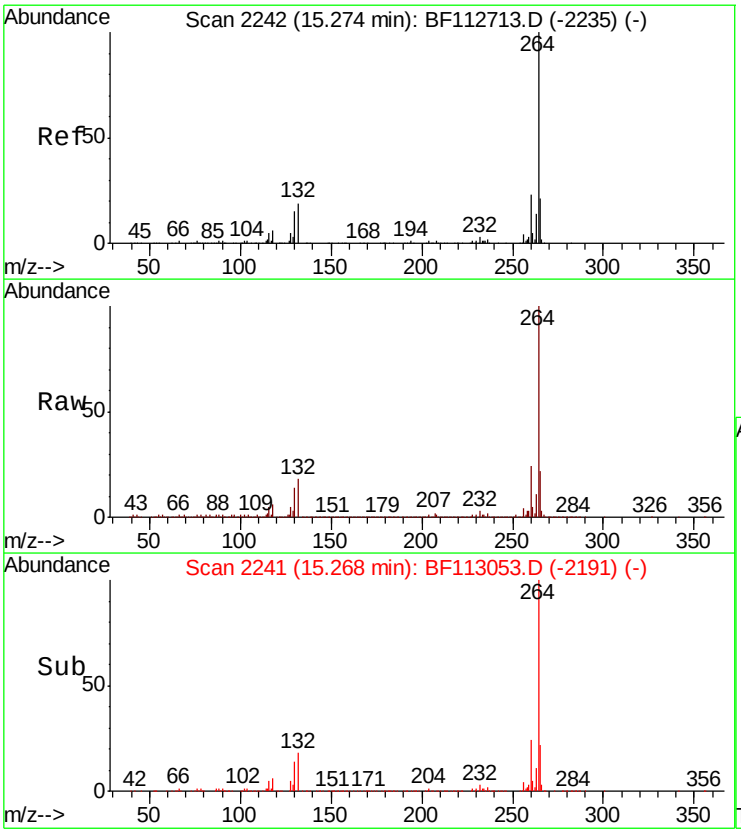
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.527 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:276 Resp: 149186

Ion	Ratio	Lower	Upper
276	100		
138	19.7	23.2	34.8#
277	23.5	19.9	29.9

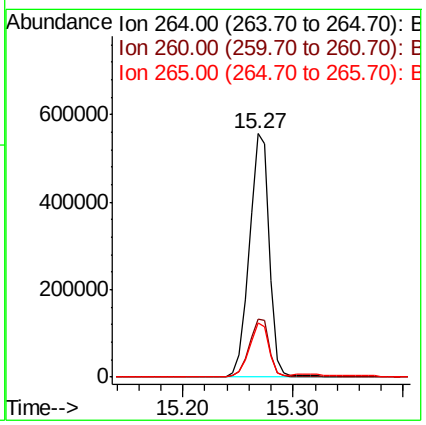


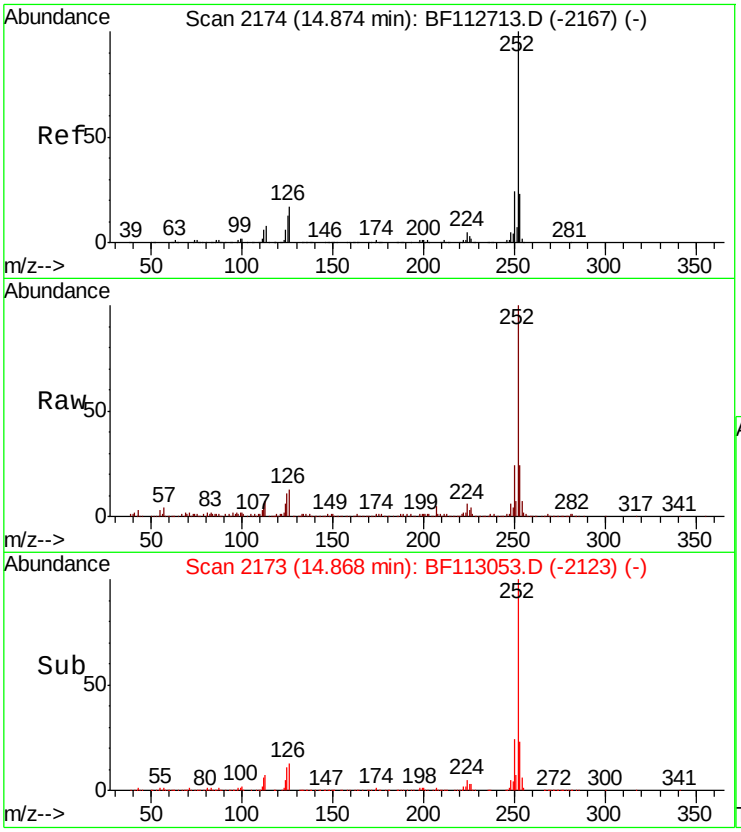


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:264 Resp: 706788

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	17.2	25.8



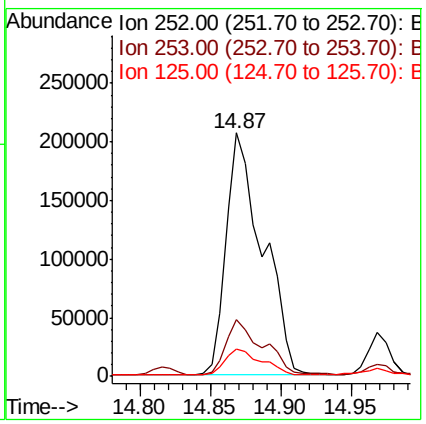


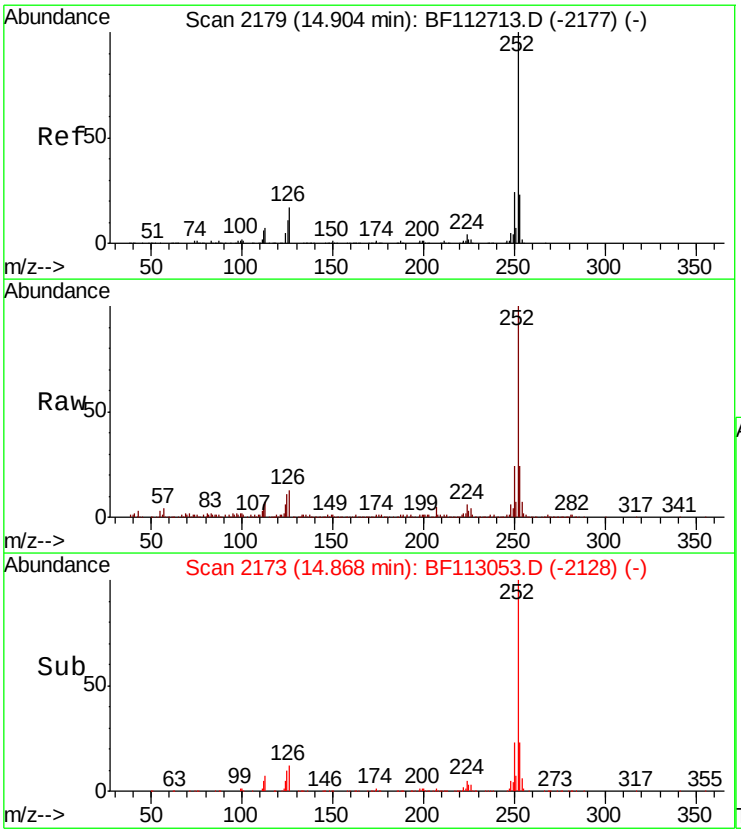
#88
Benzo(b)fluoranthene
Concen: 8.204 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:252 Resp: 375063

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.3	10.2	15.2

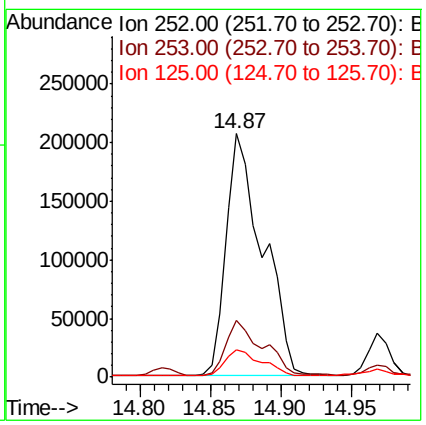


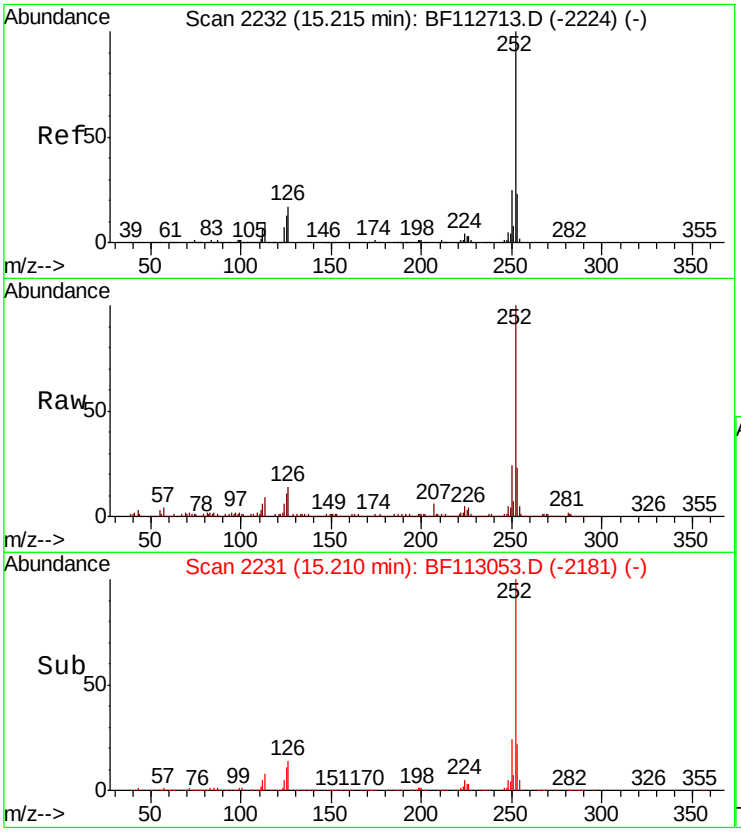


#89
Benzo(k)fluoranthene
Concen: 9.057 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:252 Resp: 375063

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	11.3	9.8	14.6



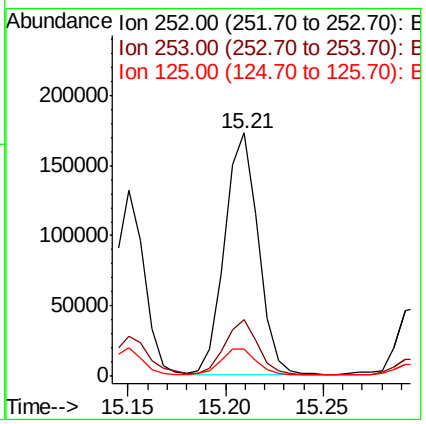


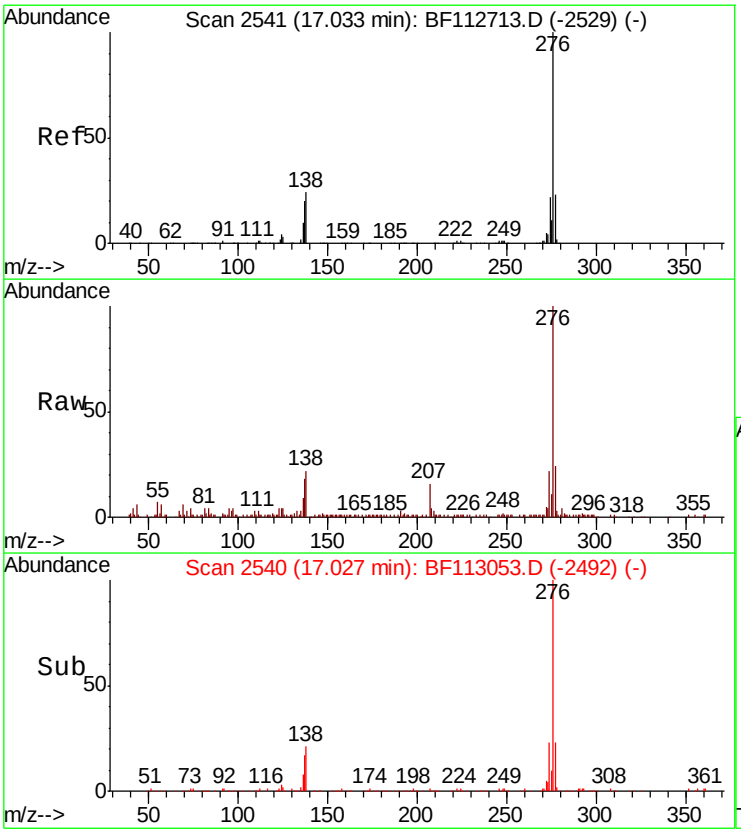
#90
Benzo(a)pyrene
Concen: 5.136 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tgt Ion:252 Resp: 207687

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.1	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 4.269 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion:276 Resp: 147925

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	21.5	19.4	29.0