Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113061.D
Acq On : 15 Mar 2019 13:07
Operator : JU/SJ
Sample : K1905-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT5124

Quant Time: Mar 15 22:52:30 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	164245	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	641772	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	311688	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	640459	20.00	ng		0.00
76) Chrysene-d12	13.86	240	609631	20.00	ng		0.00
87) Perylene-d12	15.27	264	583258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1122016	106.26	ng		0.00
7) Phenol-d6	6.37	99	1527081	115.13	ng		0.00
23) Nitrobenzene-d5	7.29	82	888275	82.82	ng		-0.01
42) 2,4,6-Tribromophenol	10.54	330	475777	143.78	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1524524	79.72	ng		0.00
79) Terphenyl-d14	12.82	244	1741626	55.38	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	31640	2.044	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	117199	13.952	ng	#	77
25) Isophorone	7.29	82	864425	37.412	ng	#	66
50) Dimethylphthalate	9.47	163	129647	5.641	ng	#	98
57) 2,4-Dinitrotoluene	9.76	165	41654	7.002	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.50	198	108	4.650	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	27820	4.124	ng	#	1
71) Phenanthrene	11.26	178	112875	3.542	ng	#	94
75) Fluoranthene	12.44	202	380327	11.140	ng		95
78) Pyrene	12.67	202	314727	6.124	ng		100
81) Benzo(a)anthracene	13.85	228	127936	3.028	ng		96
83) Chrysene	13.89	228	171542	4.145	ng		98
86) Indeno(1,2,3-cd)pyrene	16.62	276	106978	3.032	ng	#	90
88) Benzo(b)fluoranthene	14.87	252	321499	8.522	ng		98
89) Benzo(k)fluoranthene	14.87	252	321499	9.408	ng		99
90) Benzo(a)pyrene	15.21	252	134169	4.021	ng		98
92) Benzo(g,h,i)perylene	17.03	276	105093	3.675	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
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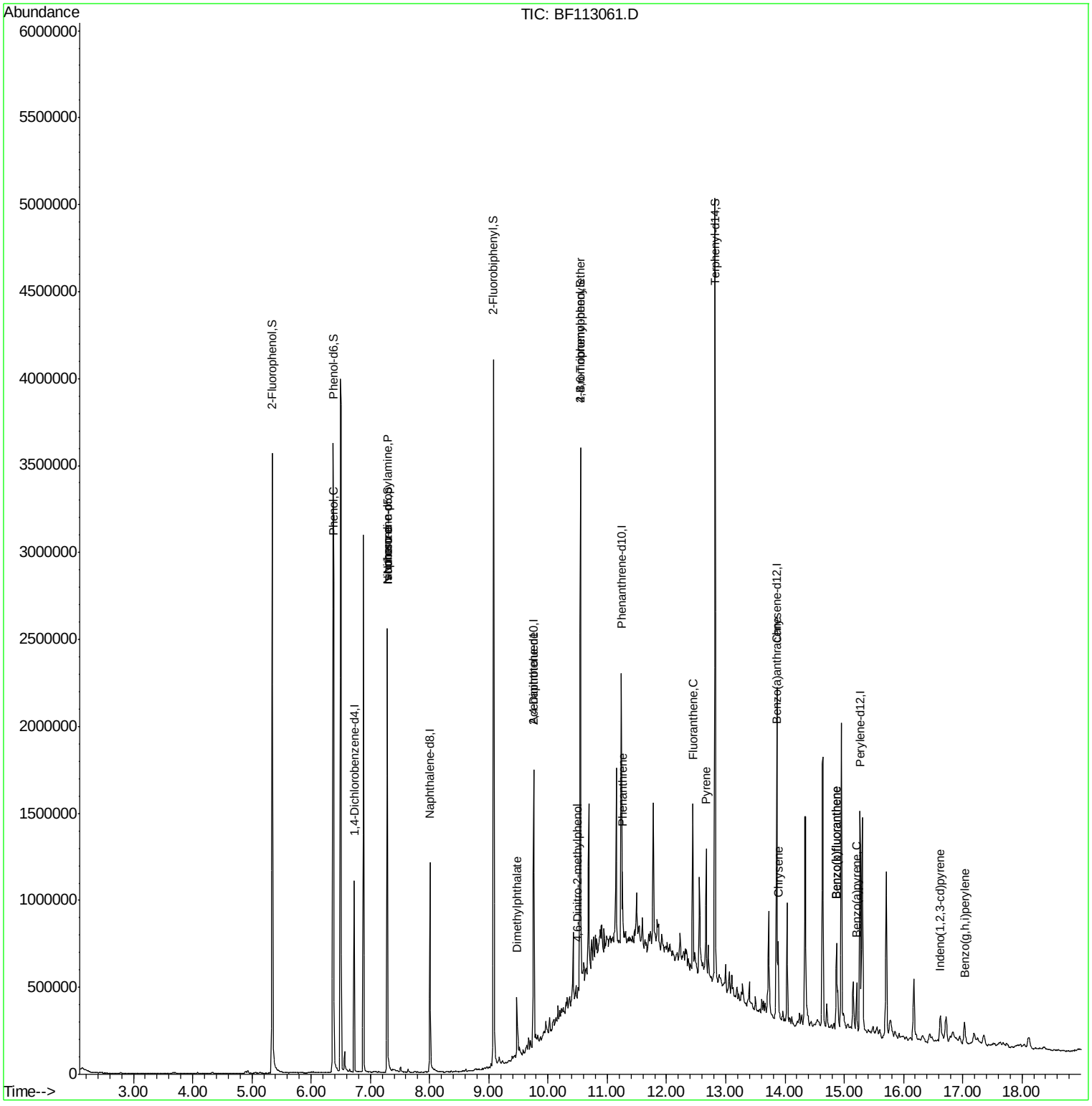
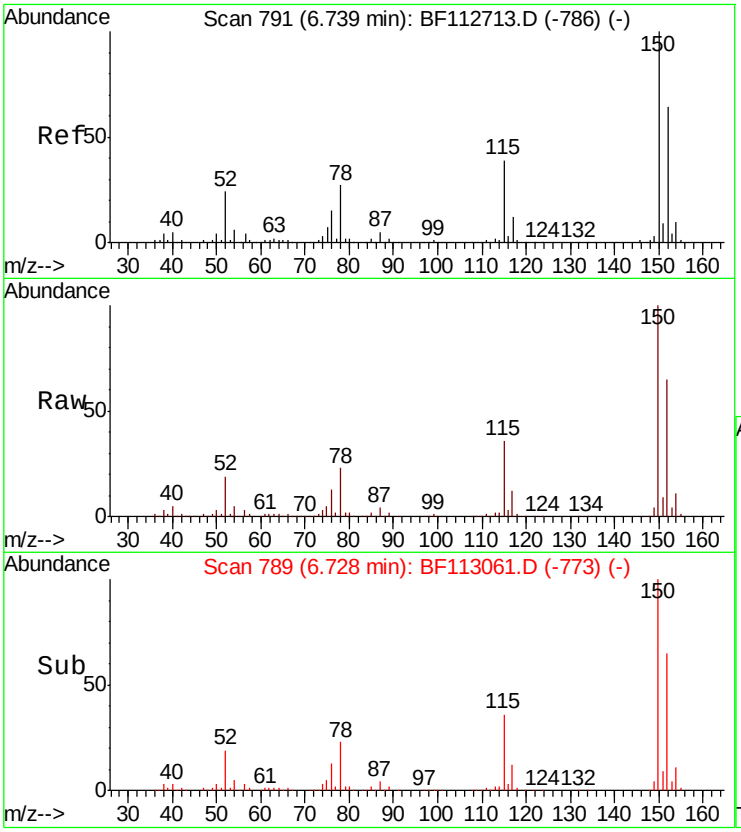


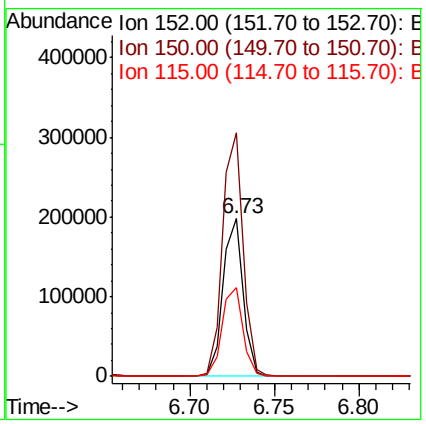


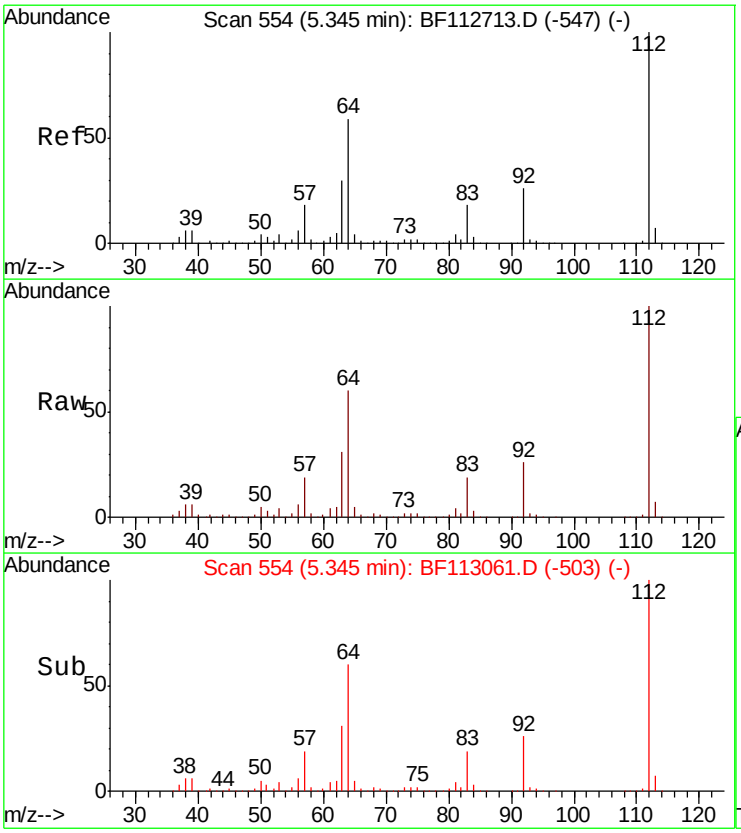
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:152 Resp: 164245

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	55.9	48.2	72.4

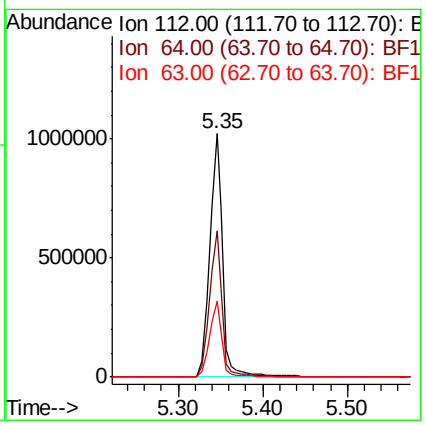


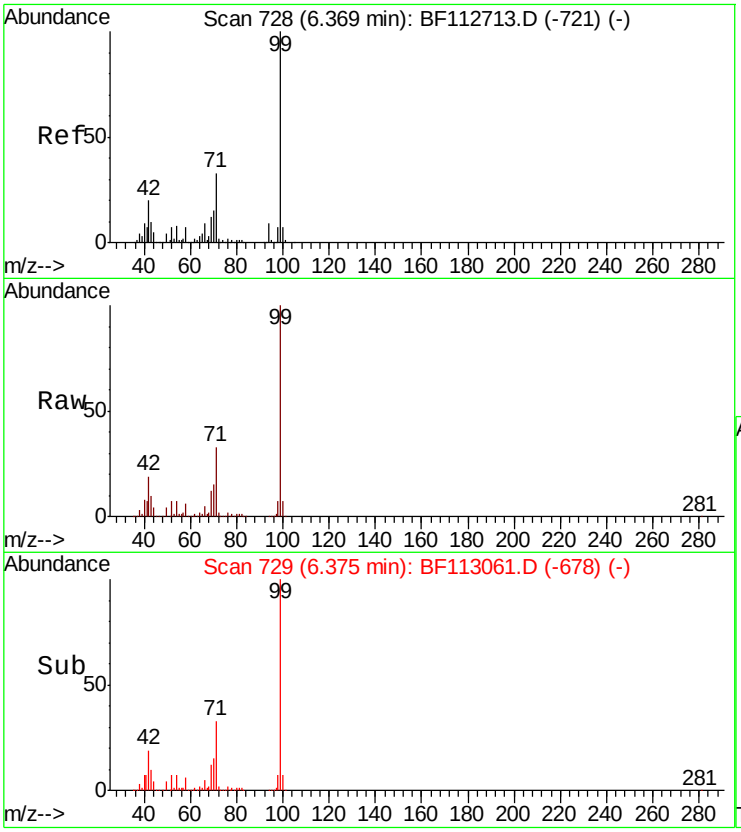


#5
2-Fluorophenol
Concen: 106.265 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:112 Resp: 1122016

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.6	71.4
63	31.1	24.4	36.6



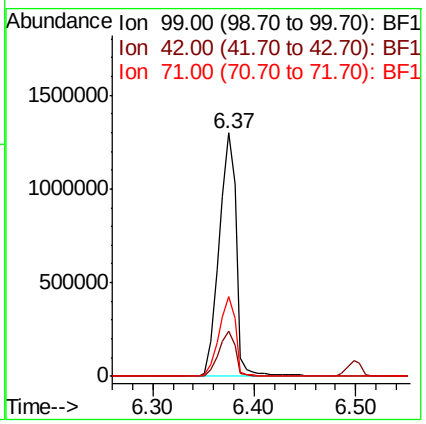


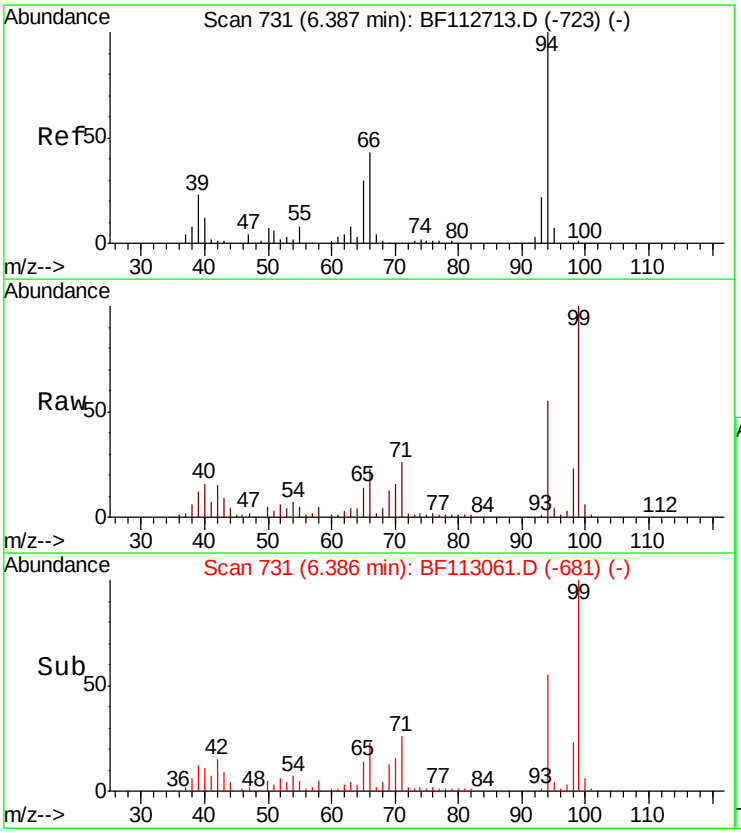
#7
Phenol-d6
Concen: 115.135 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion: 99 Resp: 1527081

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.8	26.2	39.4

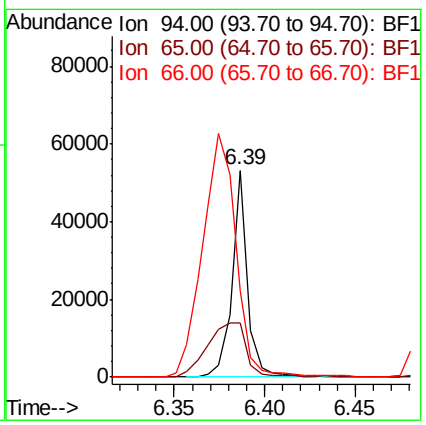


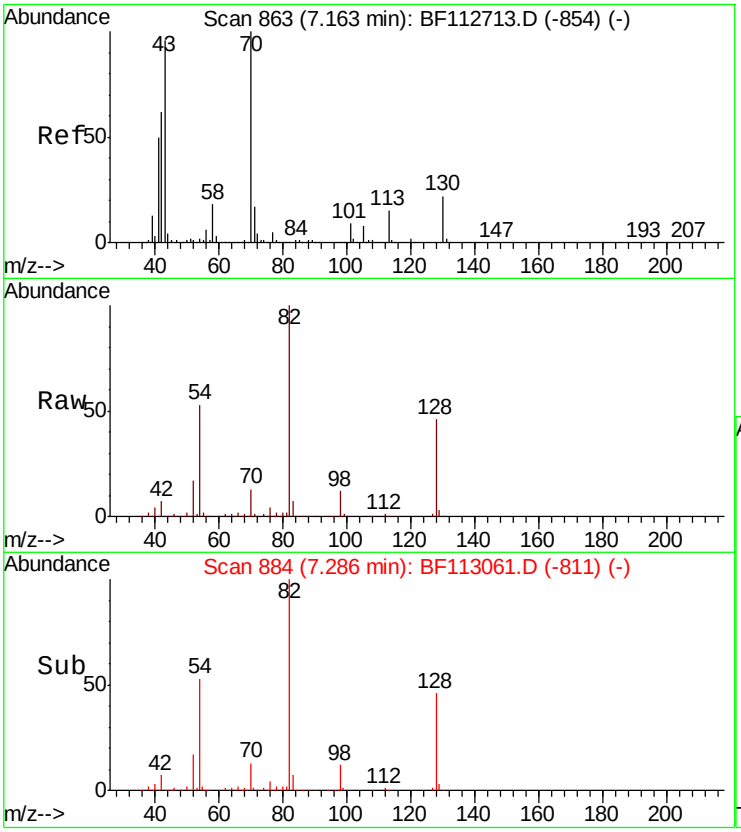


#10
Phenol
Concen: 2.044 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion: 94 Resp: 31640

Ion	Ratio	Lower	Upper
94	100		
65	26.2	10.5	50.5
66	41.6	22.6	62.6



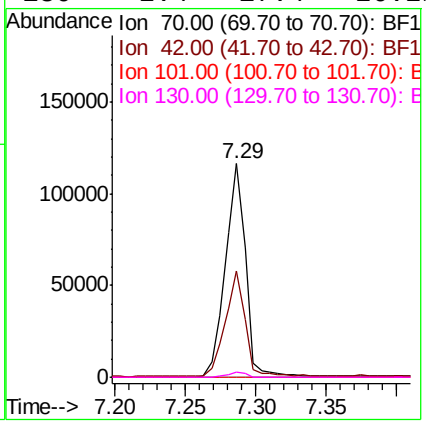


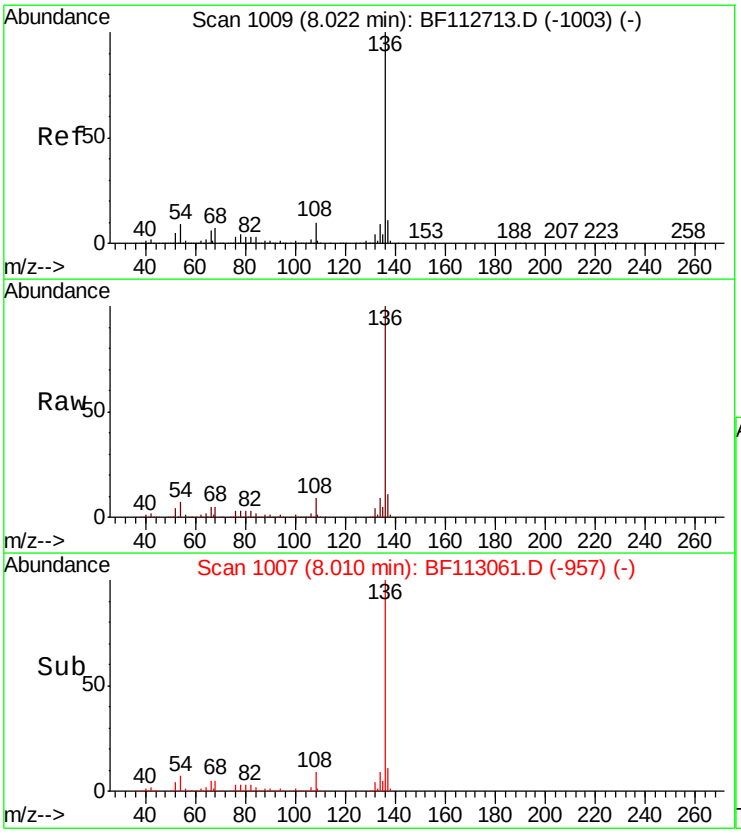
#19
n-Nitroso-di-n-propylamine
Concen: 13.952 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion: 70 Resp: 117199

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

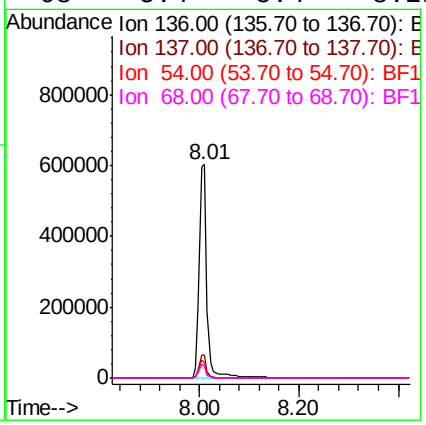


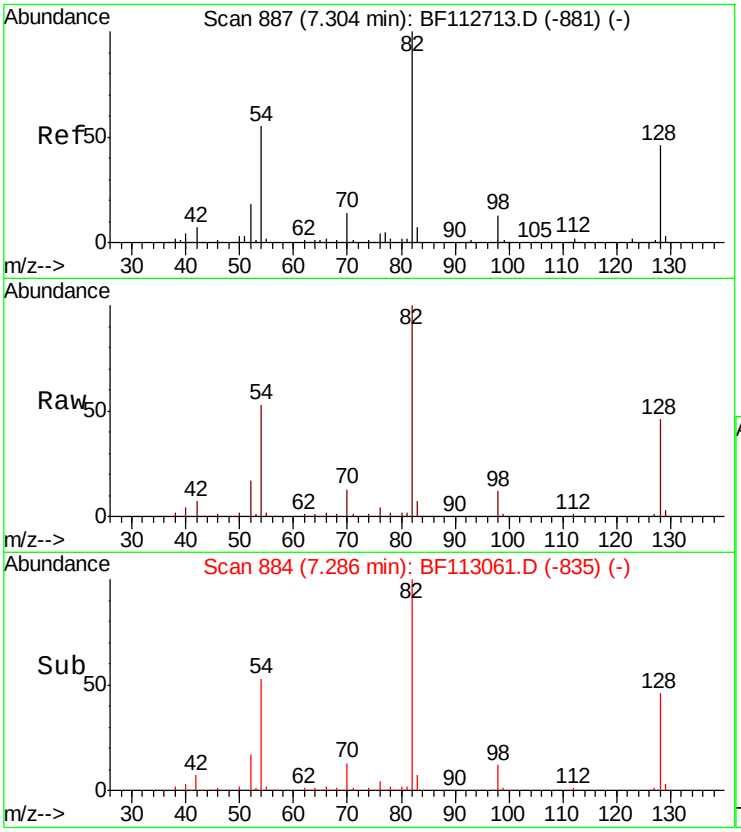


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:136 Resp: 641772

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



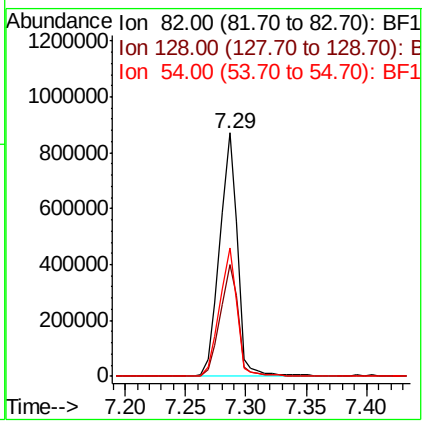


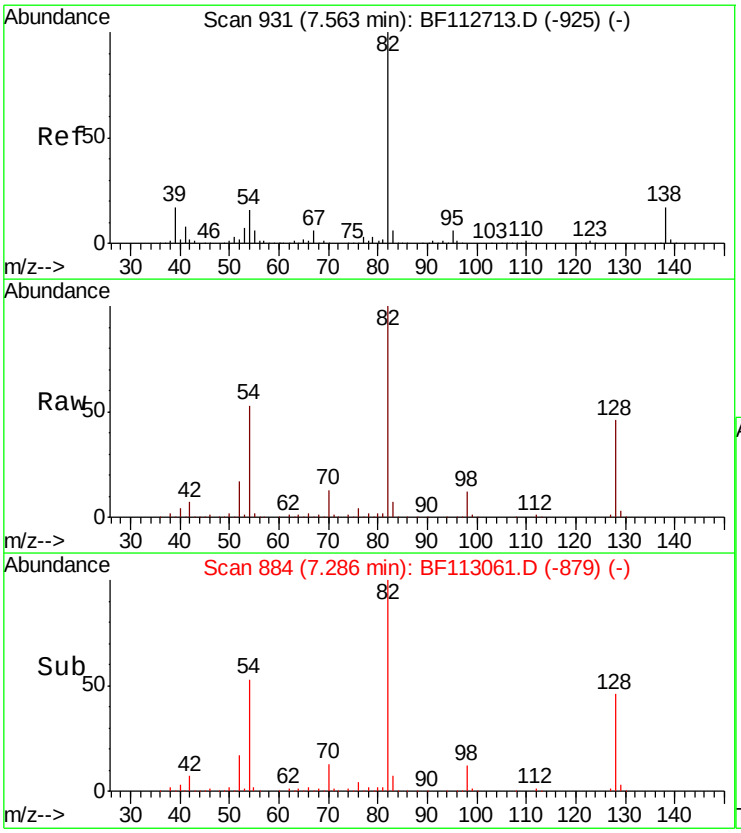
#23
Nitrobenzene-d5
Concen: 82.822 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion: 82 Resp: 888275

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

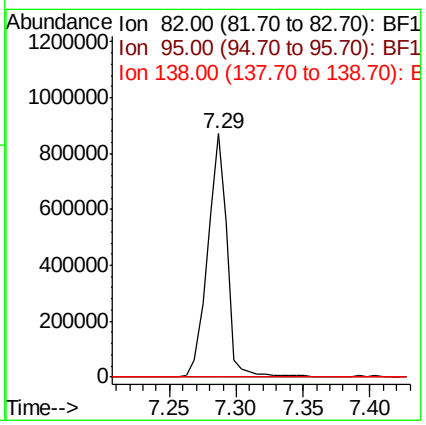


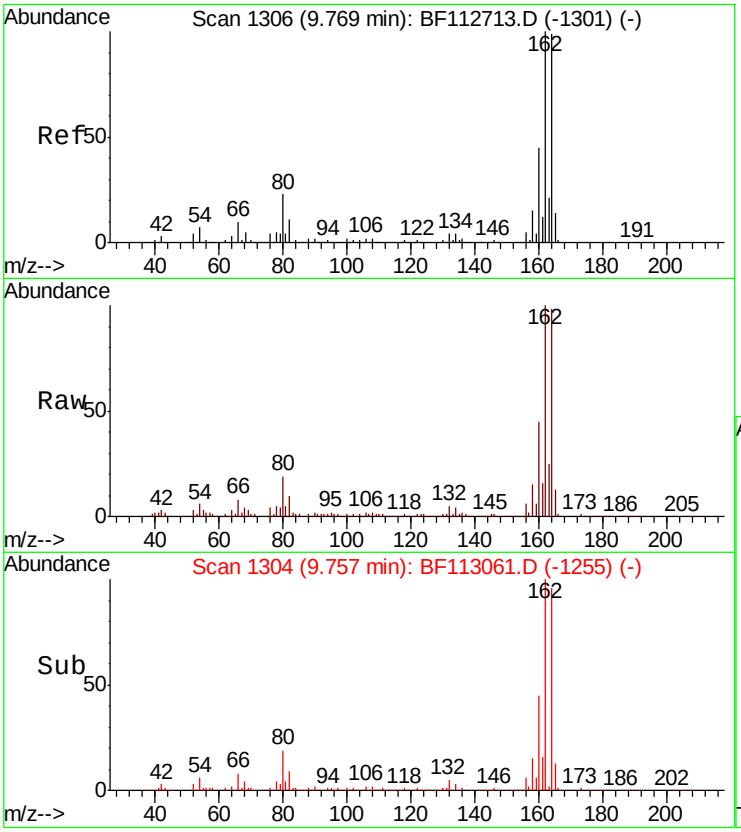


#25
Isophorone
Concen: 37.412 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion: 82 Resp: 864425

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



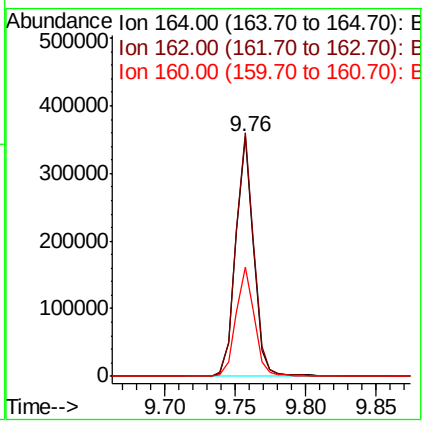


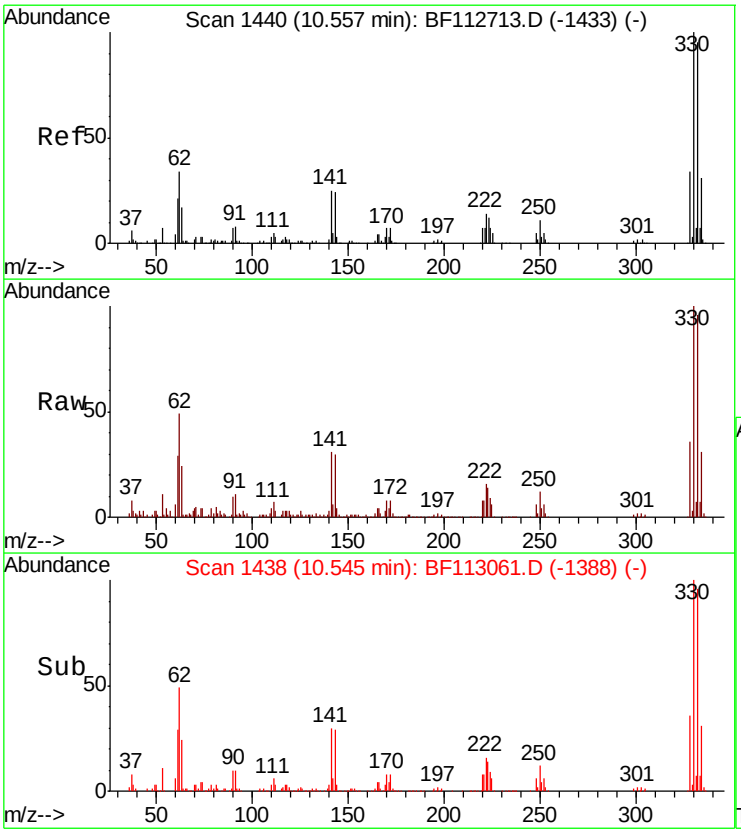
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:164 Resp: 311688

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.7	36.0	54.0

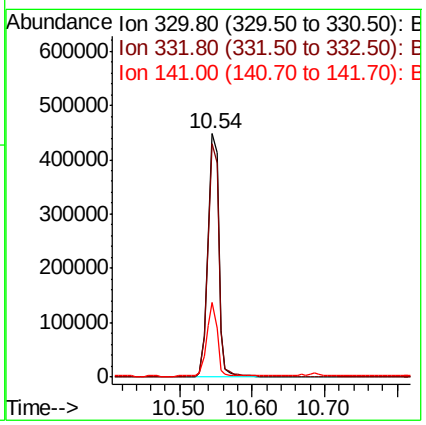


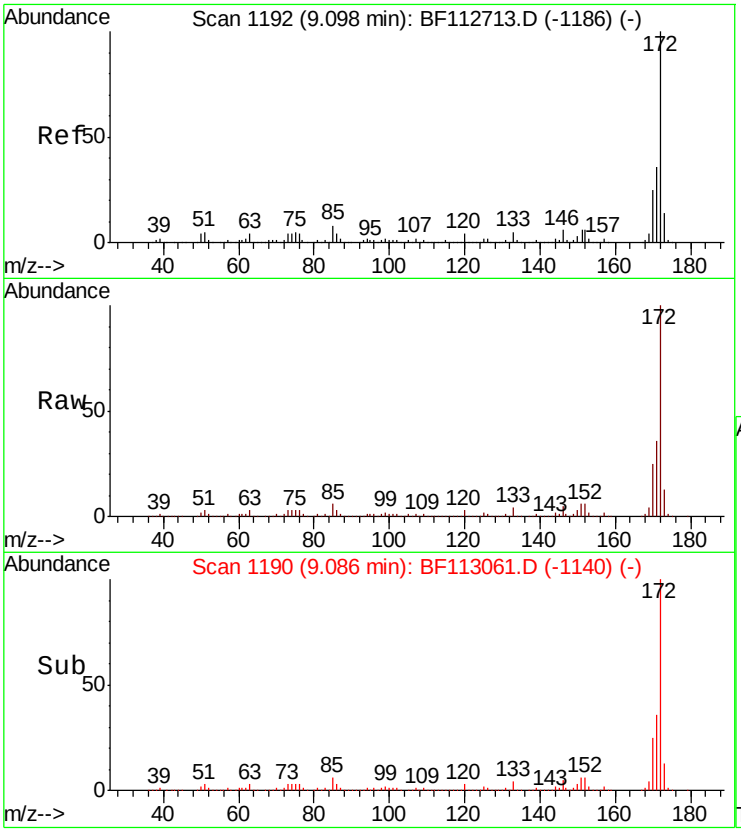


#42
2,4,6-Tribromophenol
Concen: 143.785 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:330 Resp: 475777

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	28.9	27.0	40.6



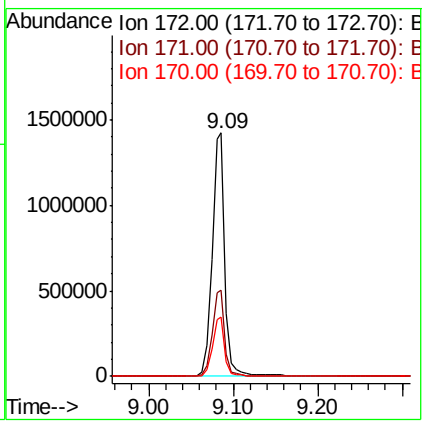


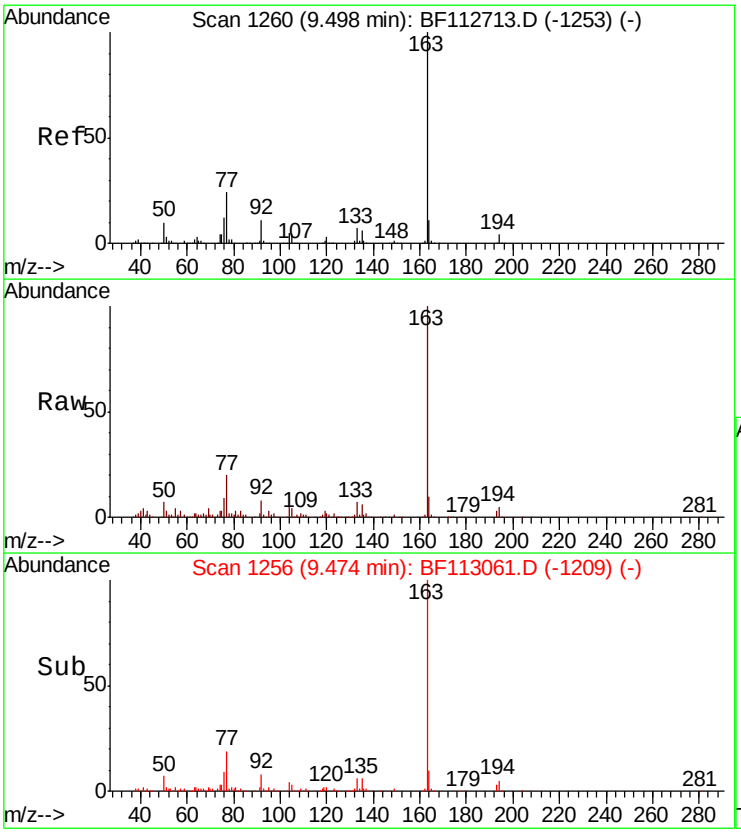
#45
2-Fluorobiphenyl
Concen: 79.718 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:172 Resp: 1524524

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.6	20.0	30.0

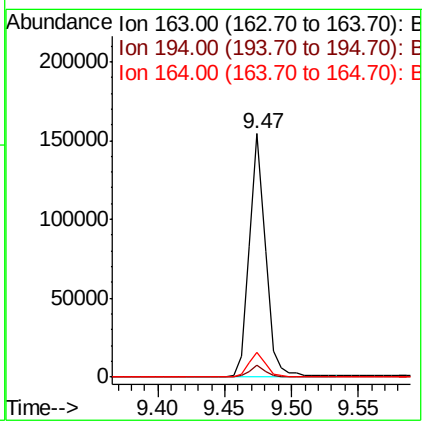


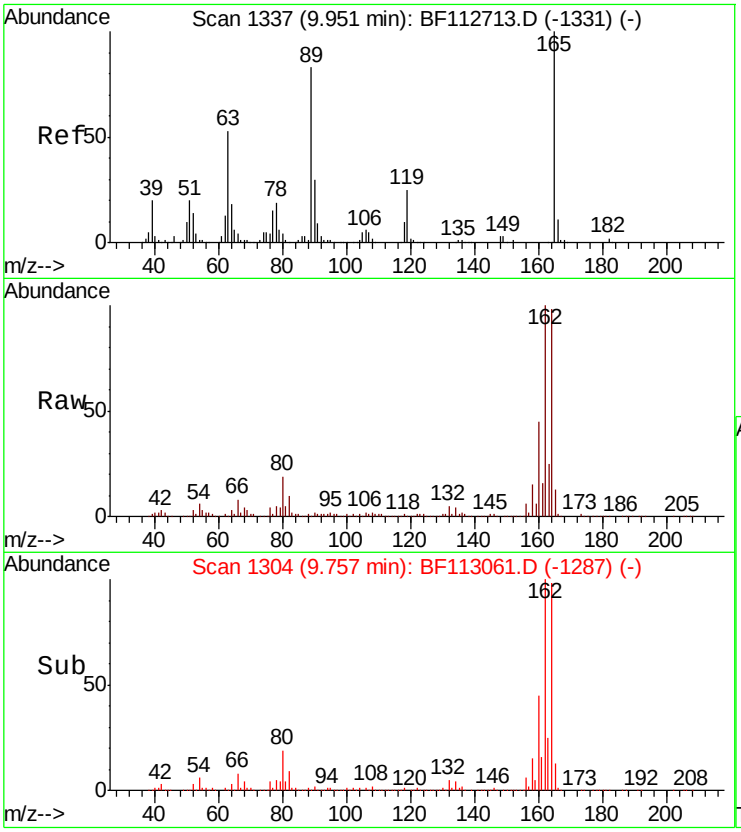


#50
Dimethylphthalate
Concen: 5.641 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:163 Resp: 129647

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.4#
164	9.9	8.4	12.6



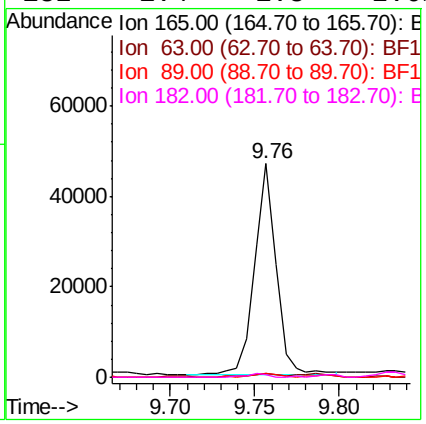


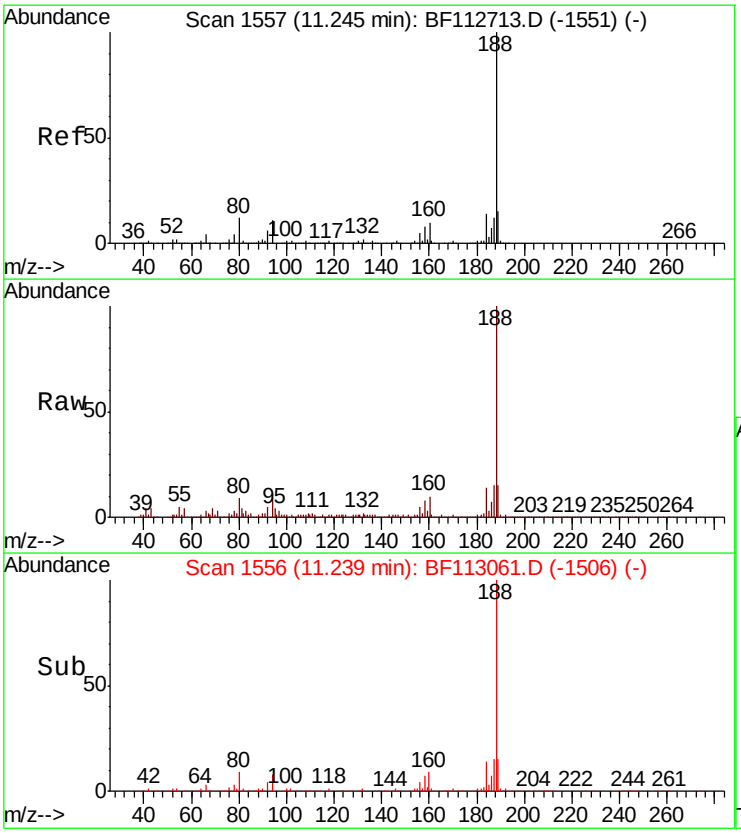
#57
2,4-Dinitrotoluene
Concen: 7.002 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:165 Resp: 41654

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.2	63.2#
89	1.8	66.2	99.4#
182	1.4	1.8	2.6#

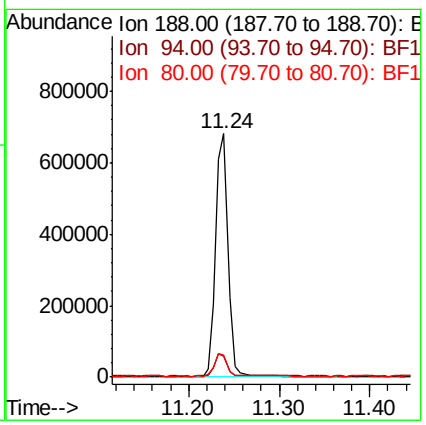


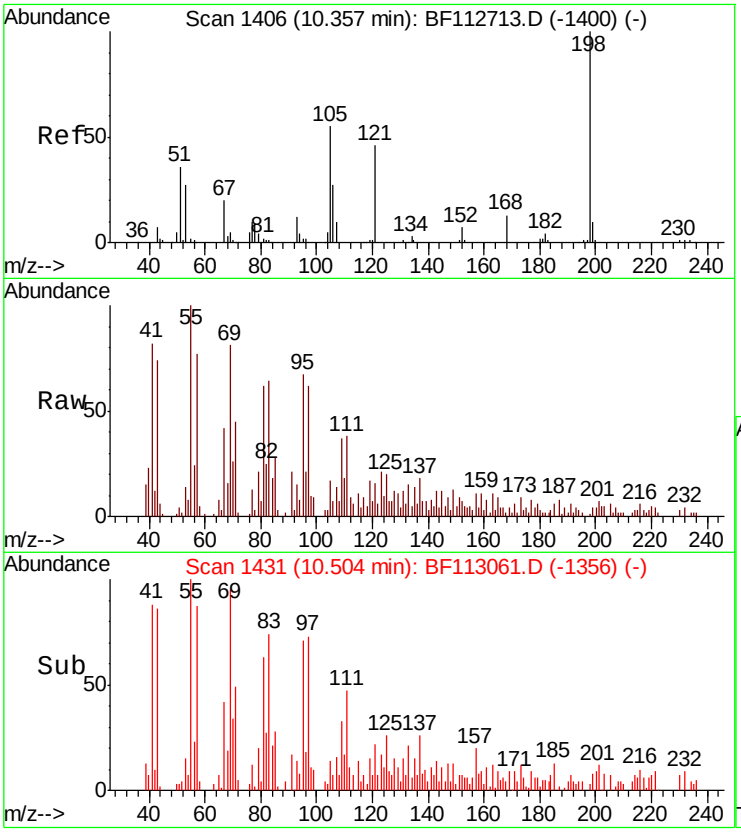


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:188 Resp: 640459

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.1	9.2	13.8#



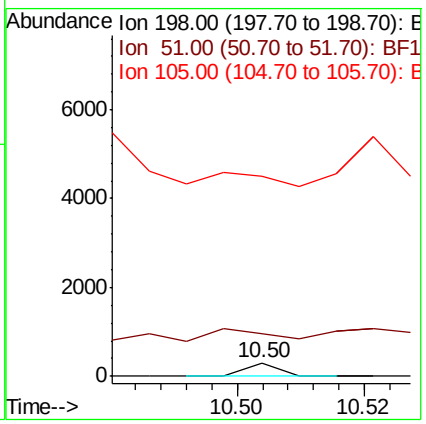


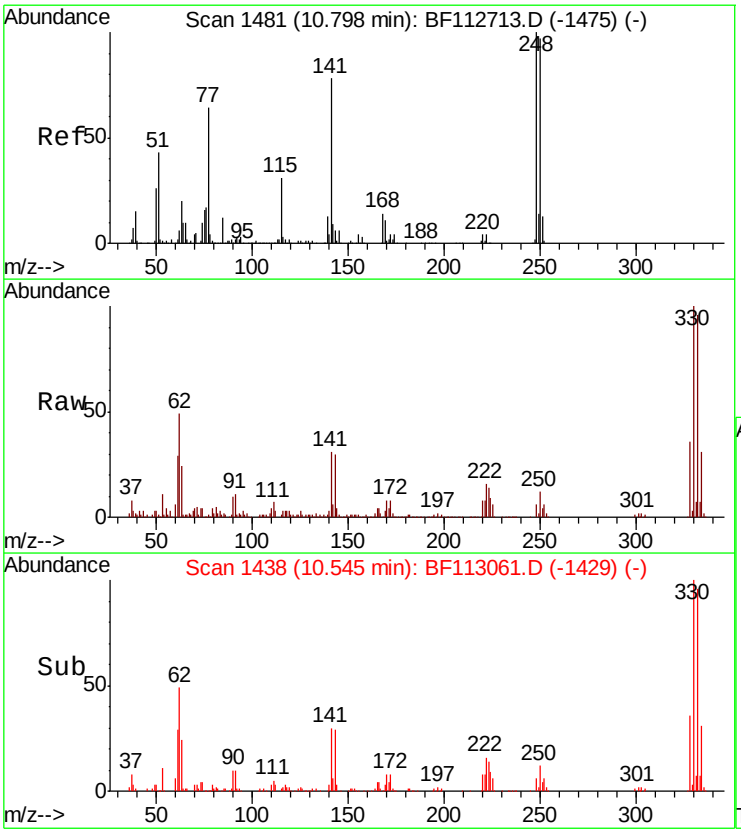
#65
4,6-Dinitro-2-methylphenol
Concen: 4.650 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.14 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	315.7	43.8	83.8#
105	1475.7	36.5	76.5#

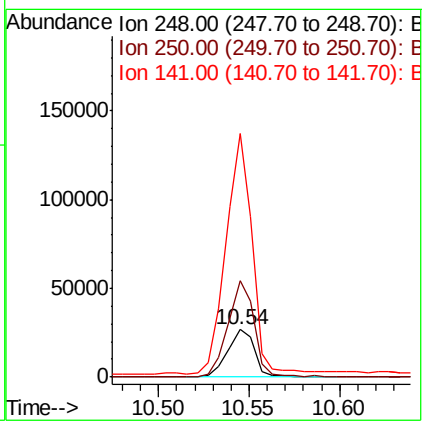


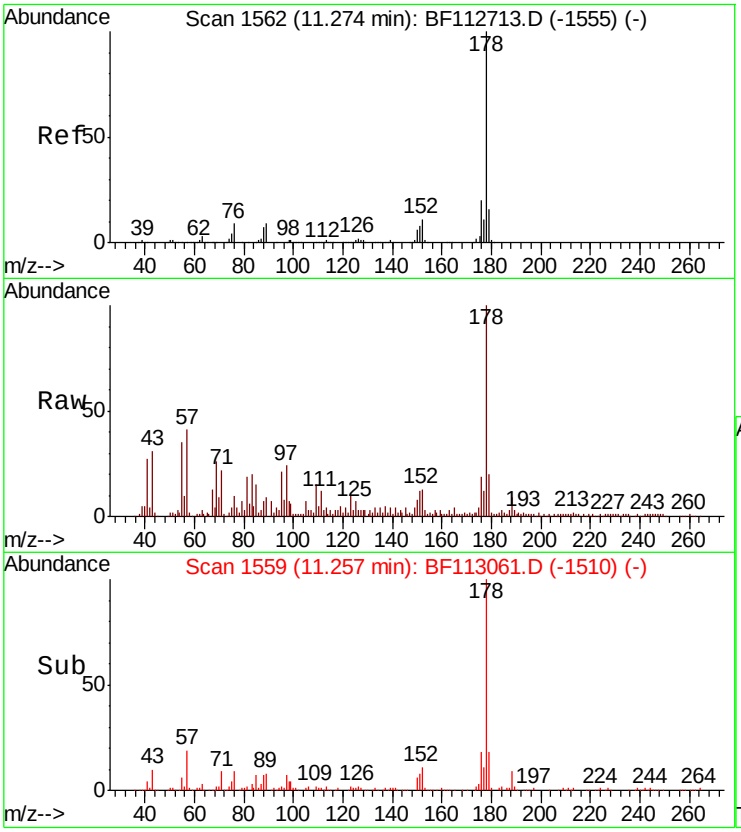


#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:248 Resp: 27820

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.5	116.3#
141	513.1	62.4	93.6#



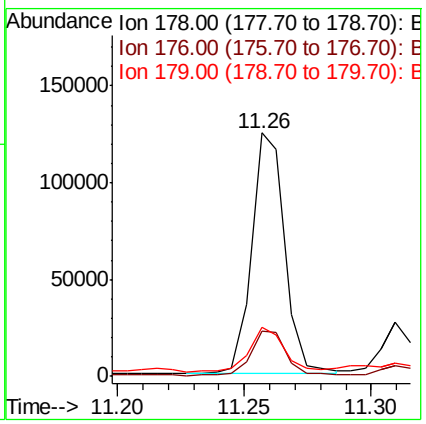


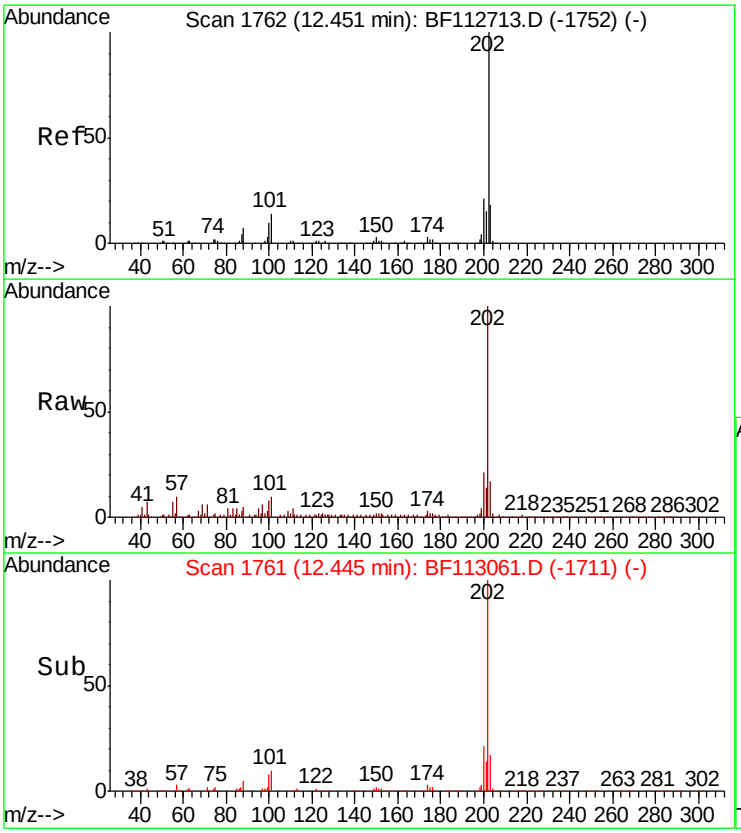
#71
Phenanthrene
Concen: 3.542 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:178 Resp: 112875

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	19.9	12.7	19.1#

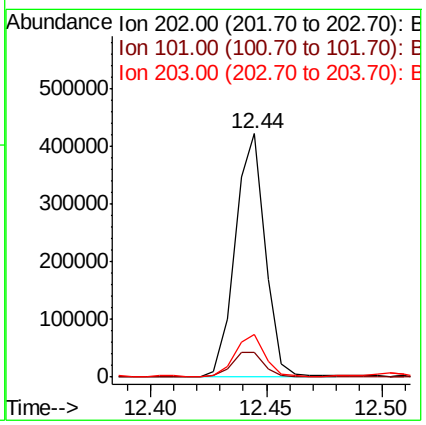


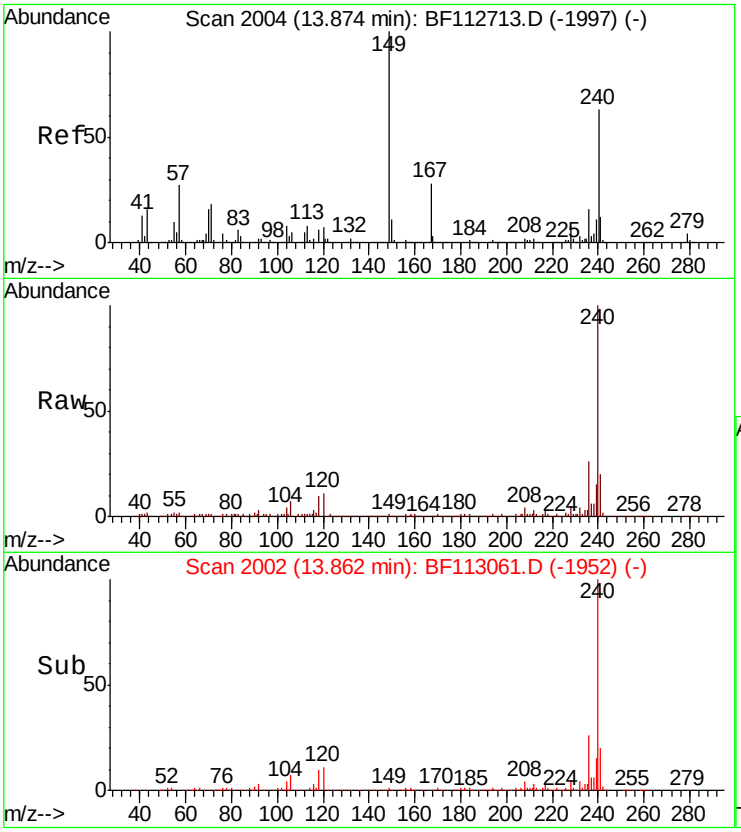


#75
Fluoranthene
Concen: 11.140 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:202 Resp: 380327

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.8
203	17.4	0.0	38.4



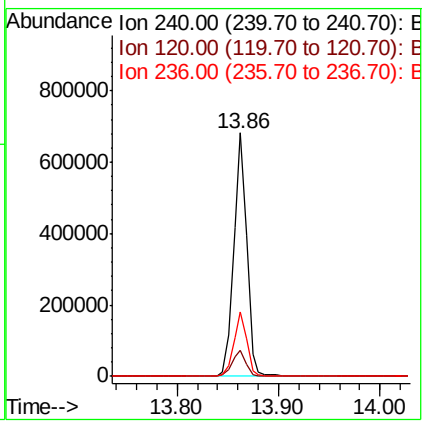


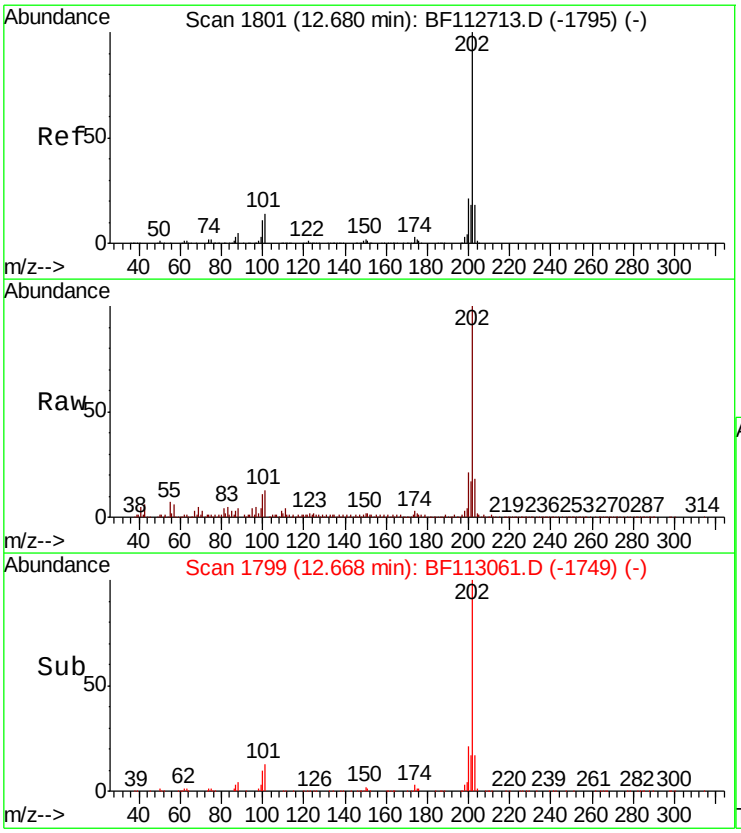
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:240 Resp: 609631

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.3	20.7	31.1

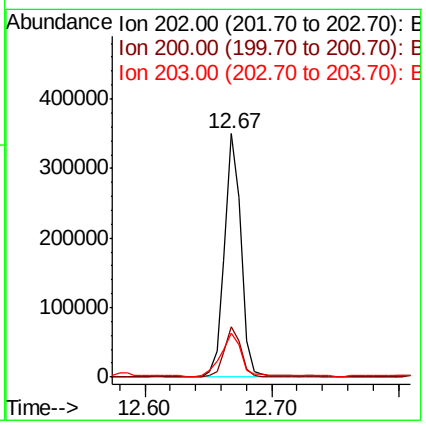


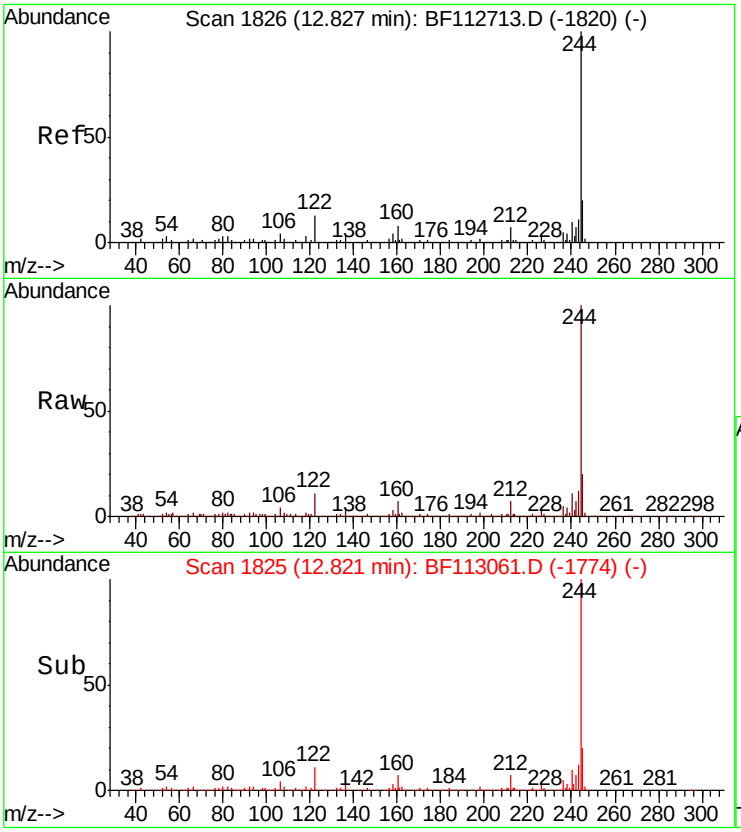


#78
Pyrene
Concen: 6.124 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:202 Resp: 314727

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.9	14.4	21.6



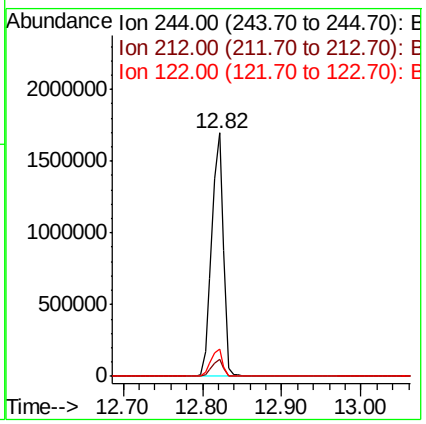


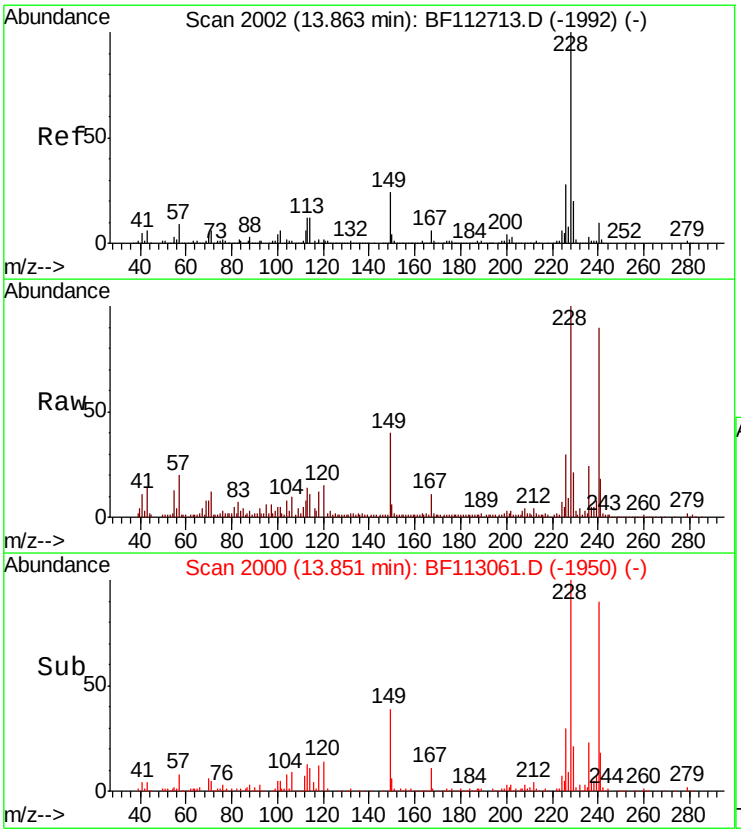
#79
Terphenyl-d14
Concen: 55.380 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:244 Resp: 1741626

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.0	10.5	15.7

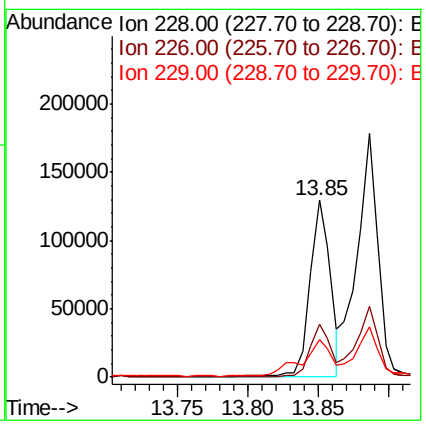


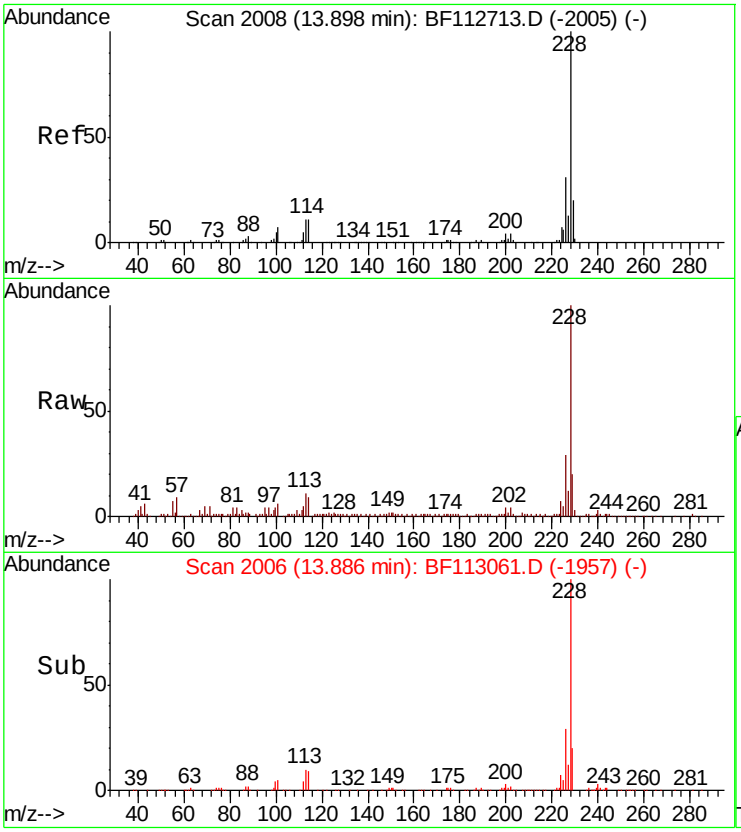


#81
Benzo(a)anthracene
Concen: 3.028 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:228 Resp: 127936

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	21.4	16.0	24.0



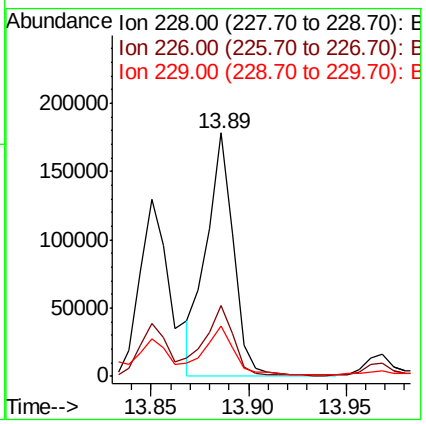


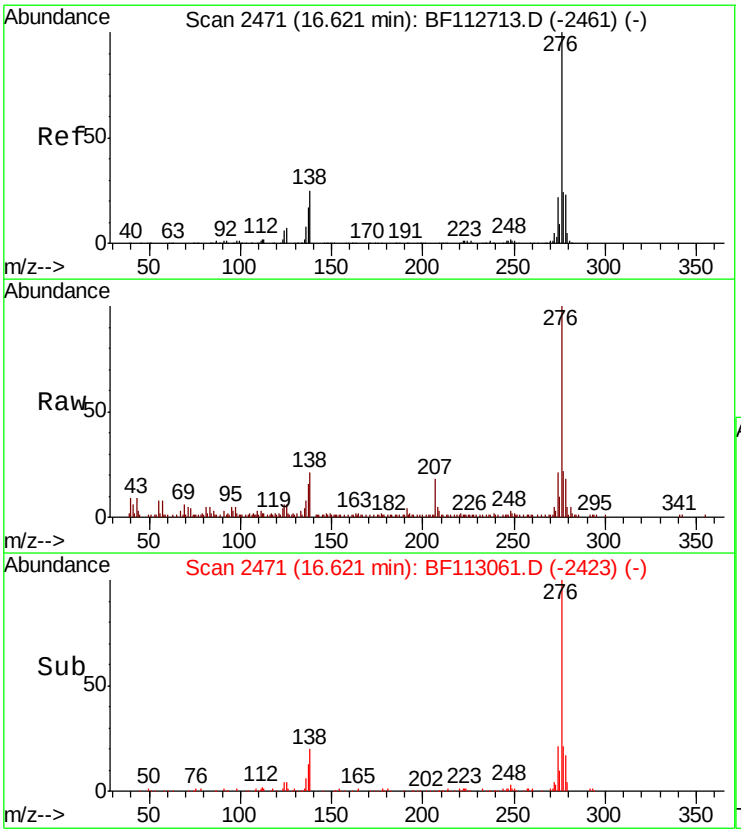
#83
Chrysene
Concen: 4.145 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:228 Resp: 171542

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	20.4	16.3	24.5

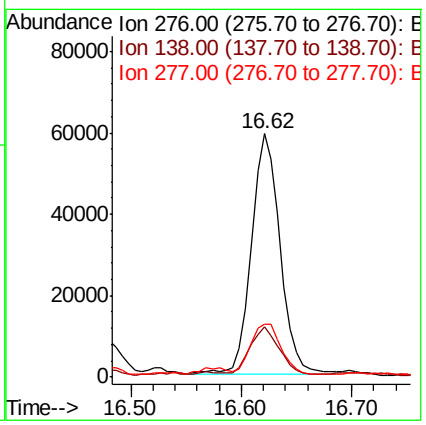


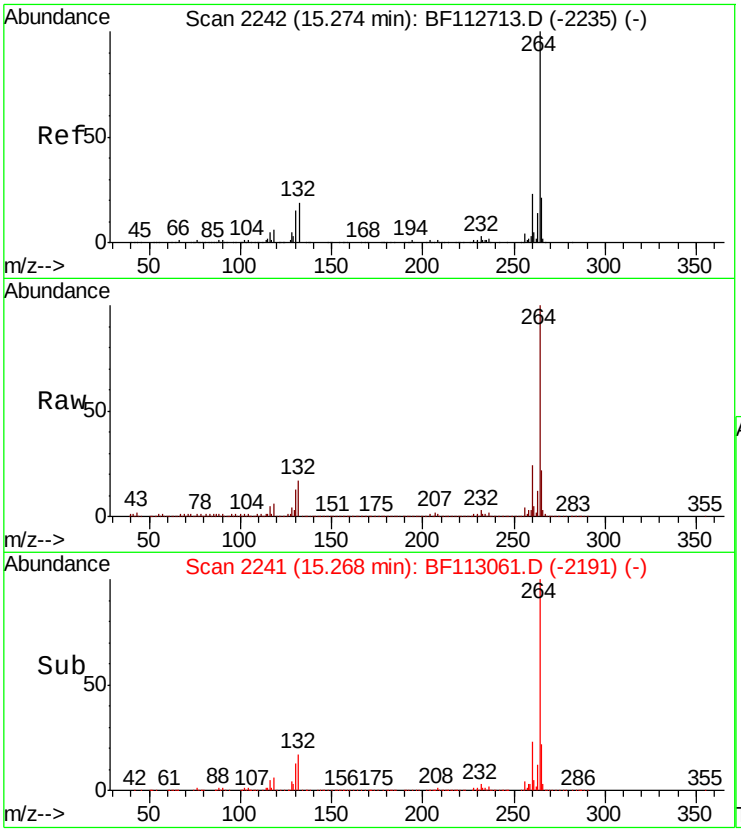


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.032 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:276 Resp: 106978

Ion	Ratio	Lower	Upper
276	100		
138	21.1	23.2	34.8#
277	23.0	19.9	29.9



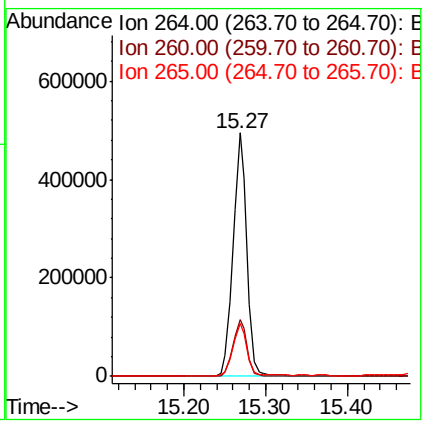


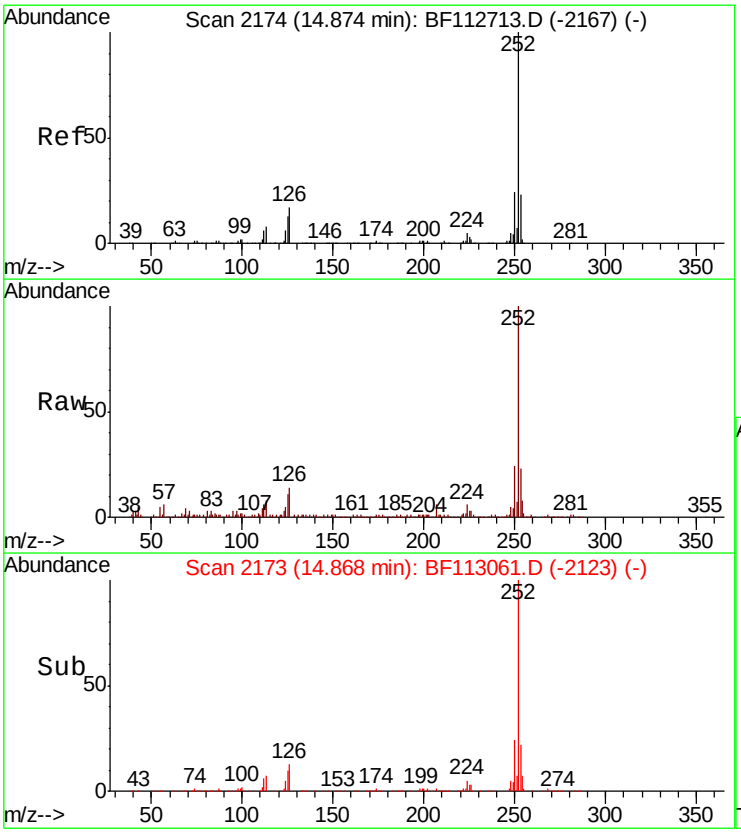
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:264 Resp: 583258

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.2	25.8

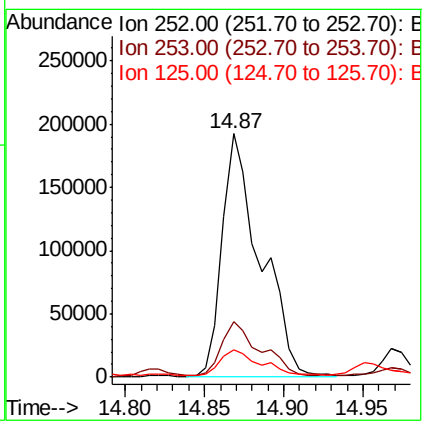


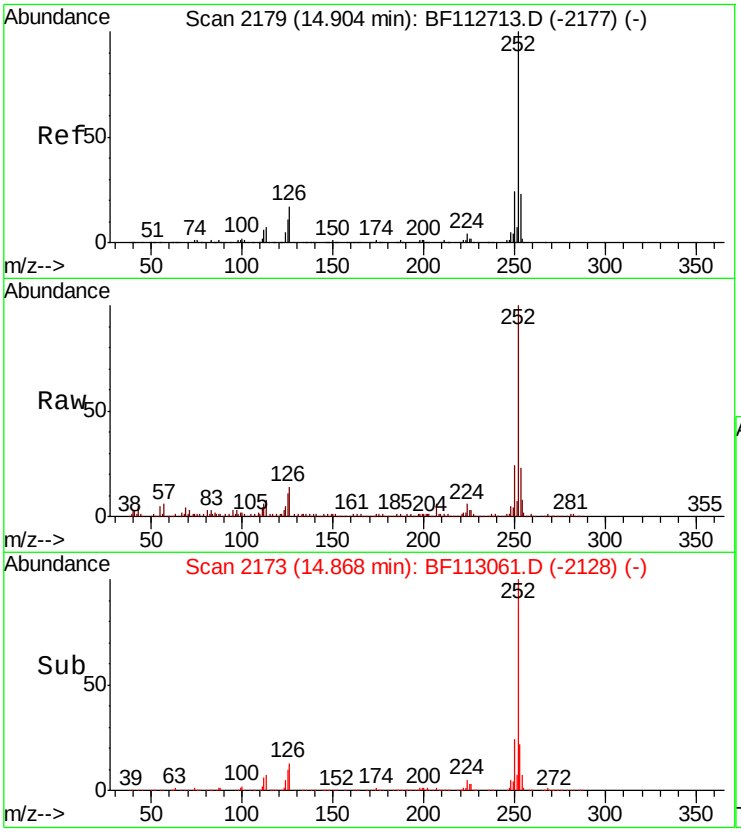


#88
Benzo(b)fluoranthene
Concen: 8.522 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:252 Resp: 321499

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.0	10.2	15.2



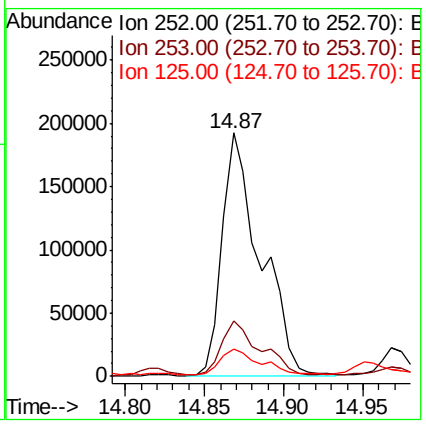


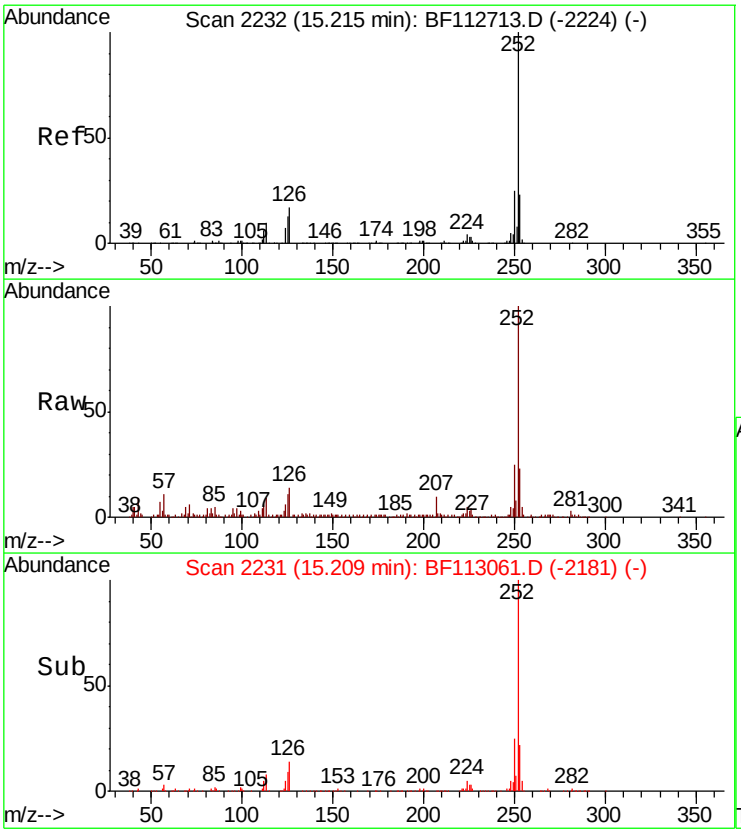
#89
Benzo(k)fluoranthene
Concen: 9.408 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:252 Resp: 321499

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.0	9.8	14.6

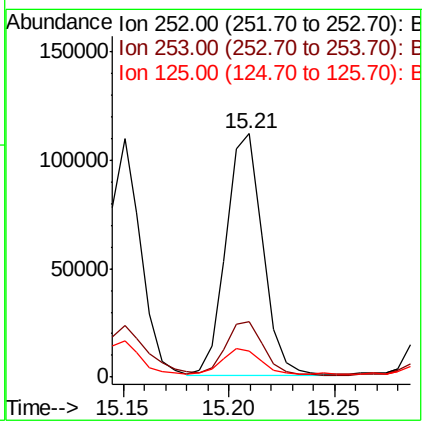


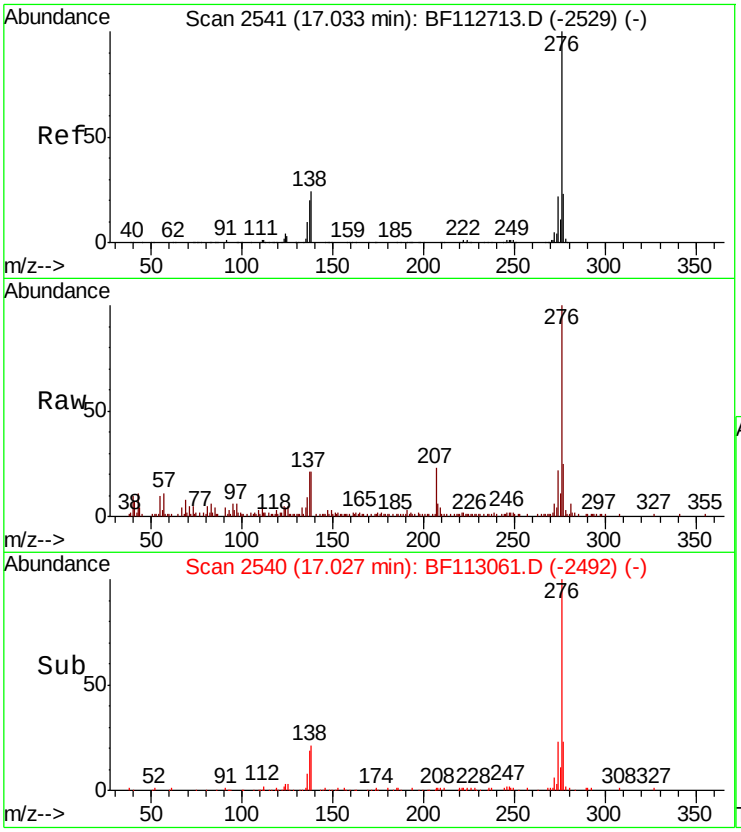


#90
Benzo(a)pyrene
Concen: 4.021 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Tgt Ion:252 Resp: 134169

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.9	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.675 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF113061.D
Acq: 15 Mar 2019 13:07

Instrument :
BNA_F
ClientSampleId :
RT5124

Tgt Ion:276 Resp: 105093

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	27.8
138	21.4	19.4	29.0