Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

Quant Time: Mar 19 04:49:36 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	152067	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	688688	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	357561	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	566253	20.00	ng		0.00
76) Chrysene-d12	13.87	240	497797	20.00	ng		0.00
87) Perylene-d12	15.28	264	521418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	612765	62.68	ng		0.00
7) Phenol-d6	6.37	99	930856	75.80	ng		0.00
23) Nitrobenzene-d5	7.29	82	491174	42.68	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	207459	54.65	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1155446	47.62	ng		-0.01
79) Terphenyl-d14	12.82	244	1095579	42.66	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	63315	8.141	ng	#	78
25) Isophorone	7.29	82	486860	19.636	ng	#	66
50) Dimethylphthalate	9.47	163	101082	3.834	ng		100
51) 2,6-Dinitrotoluene	9.76	165	46218	8.418	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	46219	6.773	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.55	198	260	4.714	ng	#	1
71) Phenanthrene	11.26	178	187454	6.654	ng		98
75) Fluoranthene	12.45	202	458034	15.175	ng		95
78) Pyrene	12.67	202	390621	9.308	ng		98
81) Benzo(a)anthracene	13.86	228	208633	6.047	ng		99
83) Chrysene	13.89	228	206906	6.122	ng		96
84) Bis(2-ethylhexyl)phthalate	13.85	149	51518	2.371	ng		99
86) Indeno(1,2,3-cd)pyrene	16.63	276	93381	3.241	ng	#	89
88) Benzo(b)fluoranthene	14.88	252	305802	9.067	ng		98
89) Benzo(k)fluoranthene	14.88	252	305802	10.010	ng		97
90) Benzo(a)pyrene	15.22	252	156305	5.240	ng		98
92) Benzo(g,h,i)perylene	17.04	276	82640	3.233	ng		98

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

Quantitation Report (Not Reviewed)

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SB-6(6.5-7.5)

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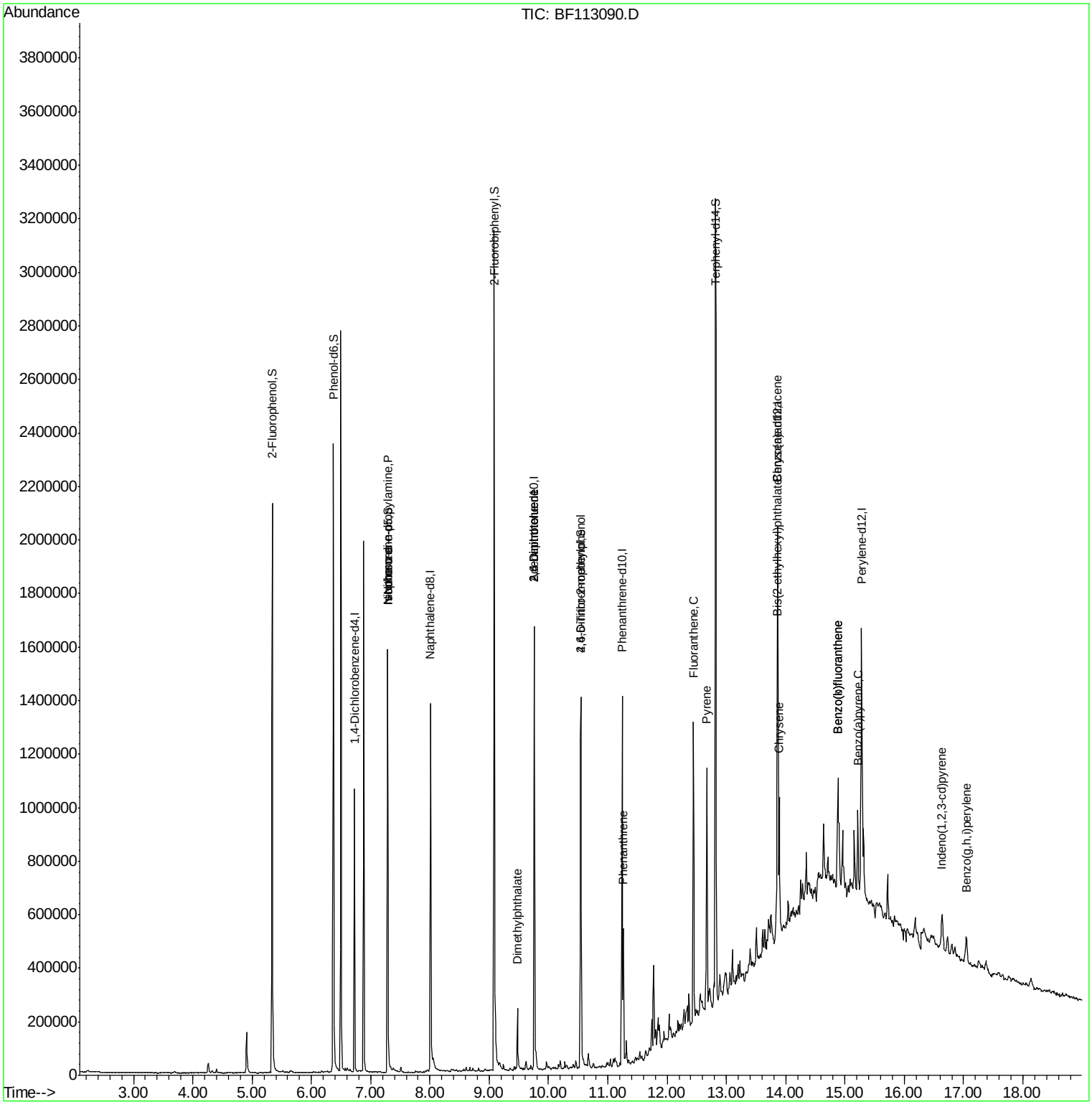
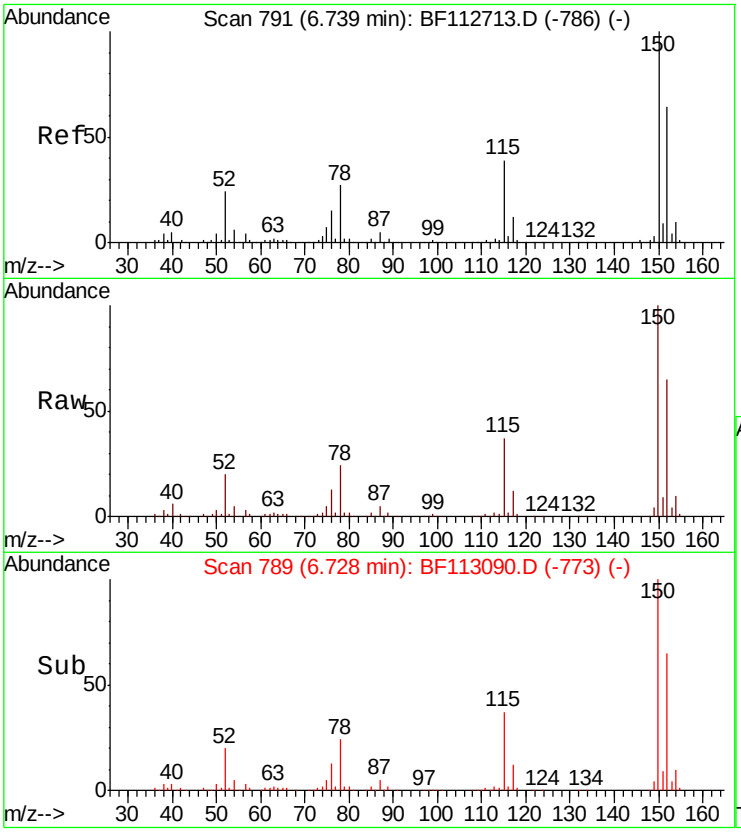


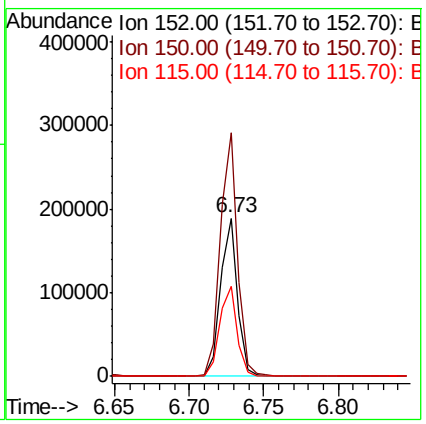


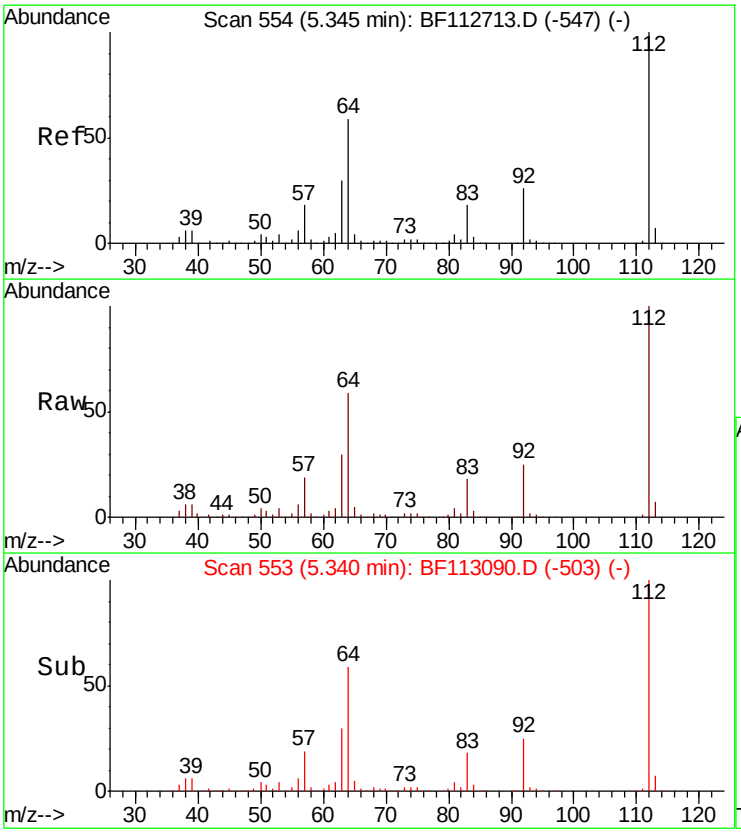
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:152 Resp: 152067

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	56.9	48.2	72.4

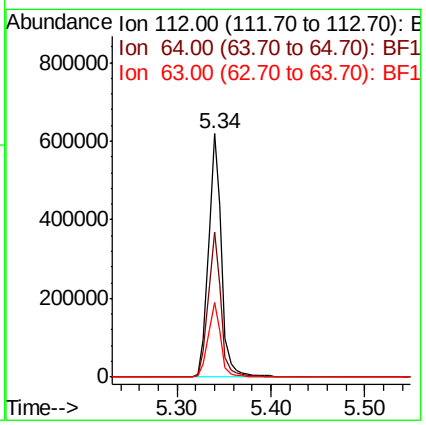


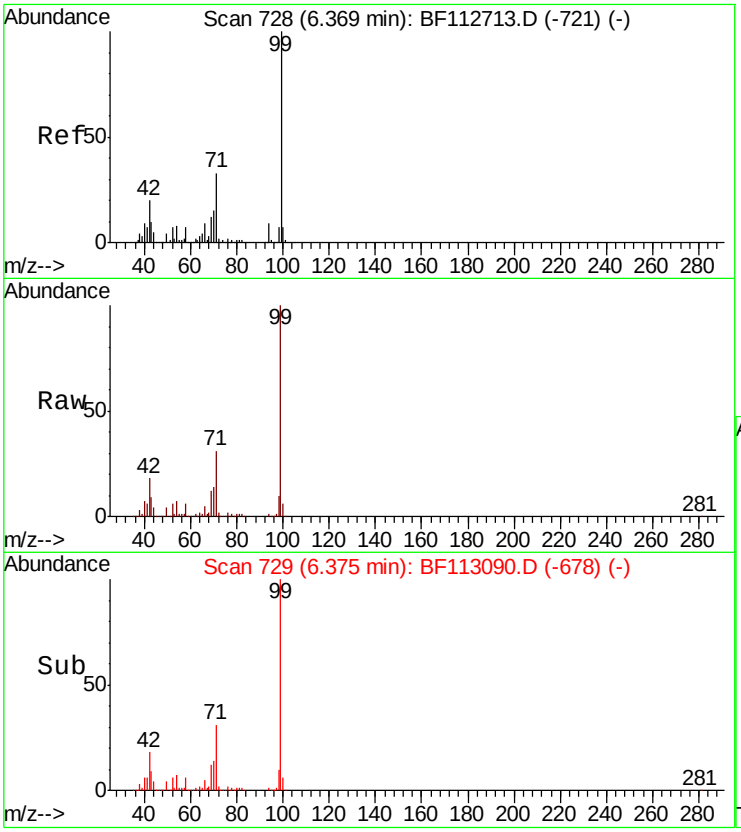


#5
2-Fluorophenol
Concen: 62.682 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:112 Resp: 612765

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.4	24.4	36.6



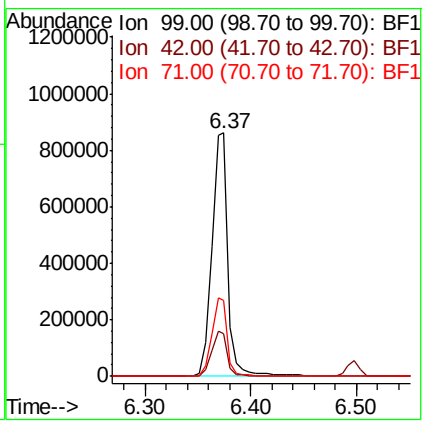


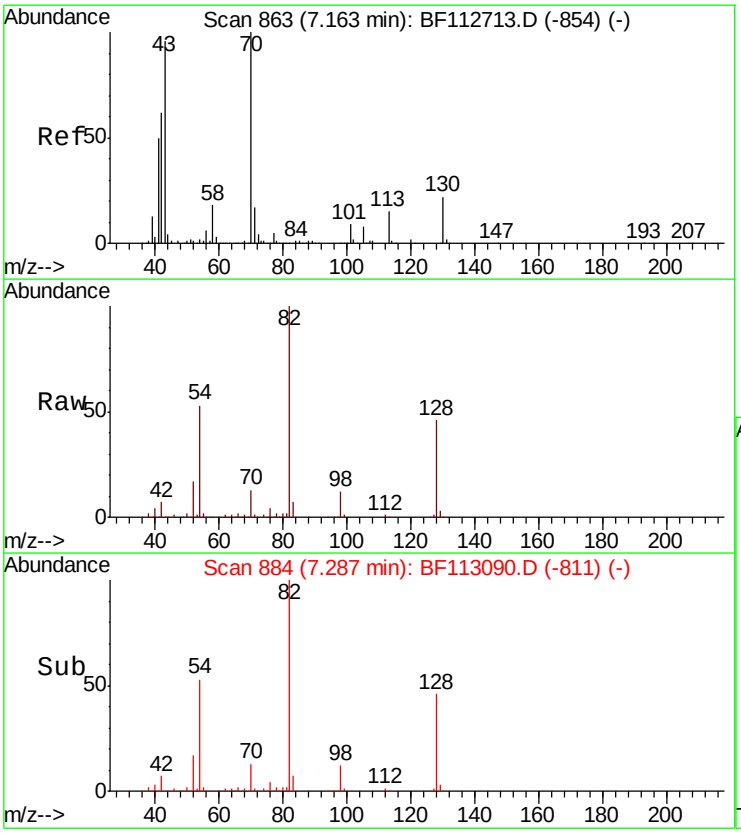
#7
Phenol-d6
Concen: 75.802 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion: 99 Resp: 930856

Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.3	24.5
71	30.9	26.2	39.4

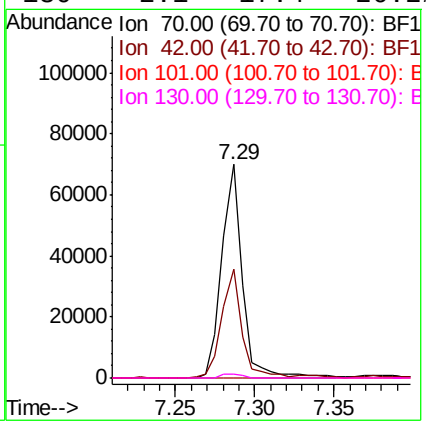


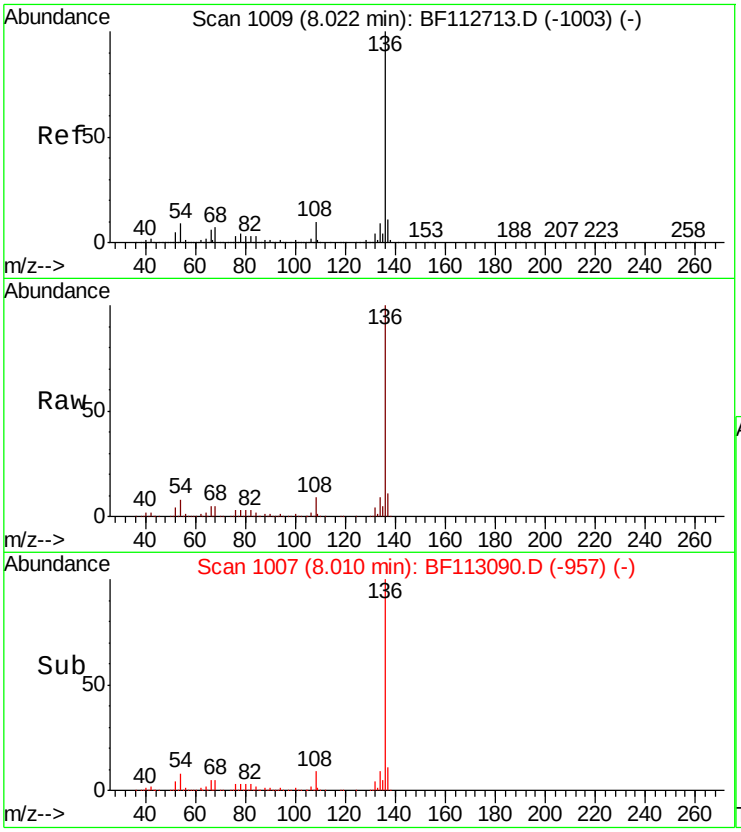


#19
n-Nitroso-di-n-propylamine
Concen: 8.141 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion: 70 Resp: 63315

Ion	Ratio	Lower	Upper
70	100		
42	51.2	49.9	74.9
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



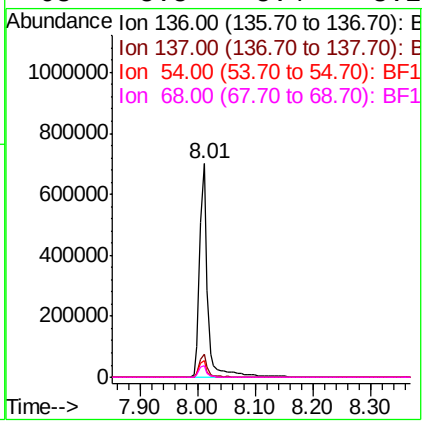


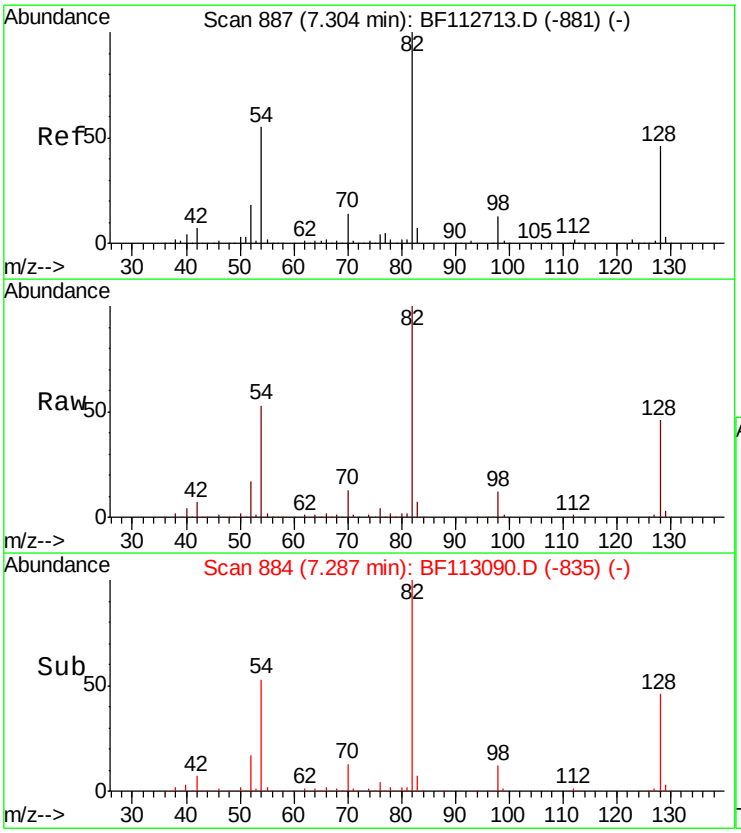
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:136 Resp: 688688

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	7.3	10.9
68	5.5	5.4	8.2

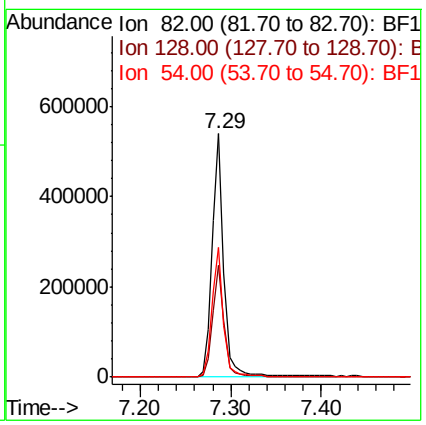


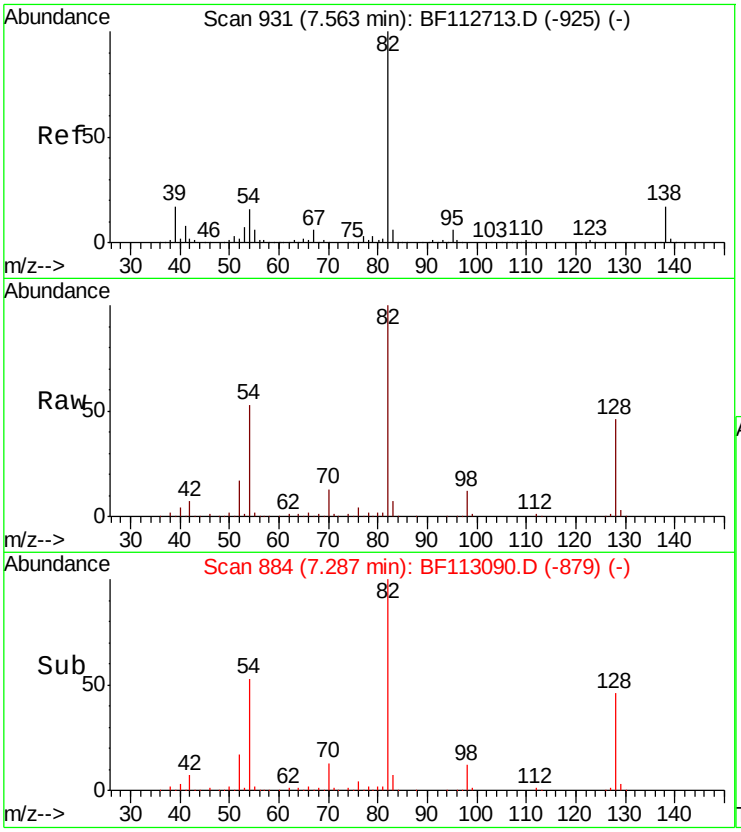


#23
Nitrobenzene-d5
Concen: 42.677 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion: 82 Resp: 491174

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	53.4	43.7	65.5



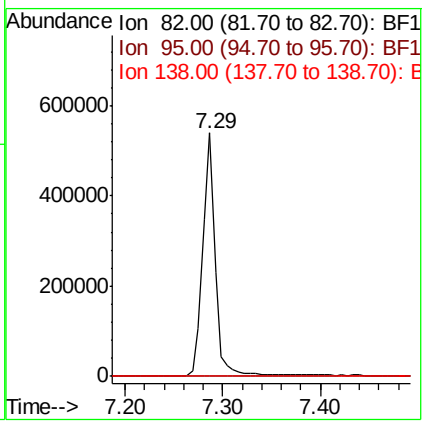


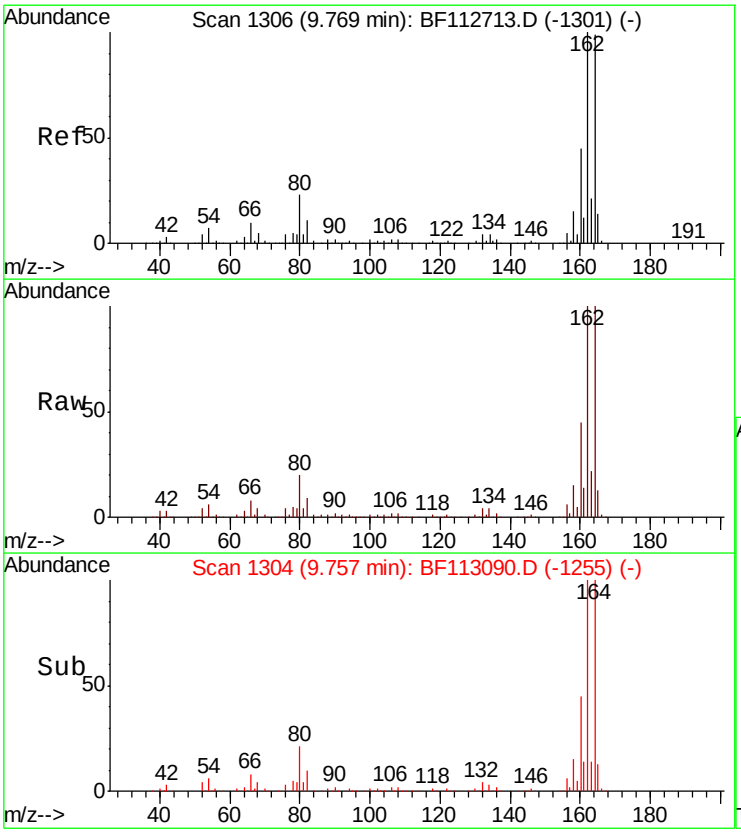
#25
Isophorone
Concen: 19.636 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion: 82 Resp: 486860

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

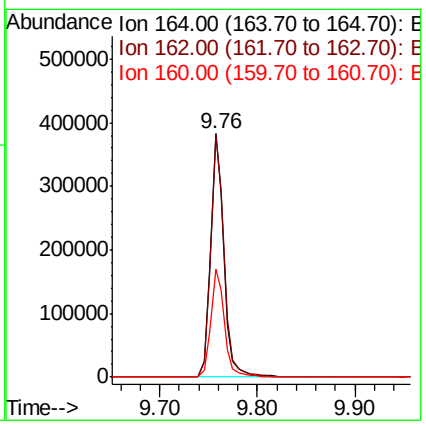


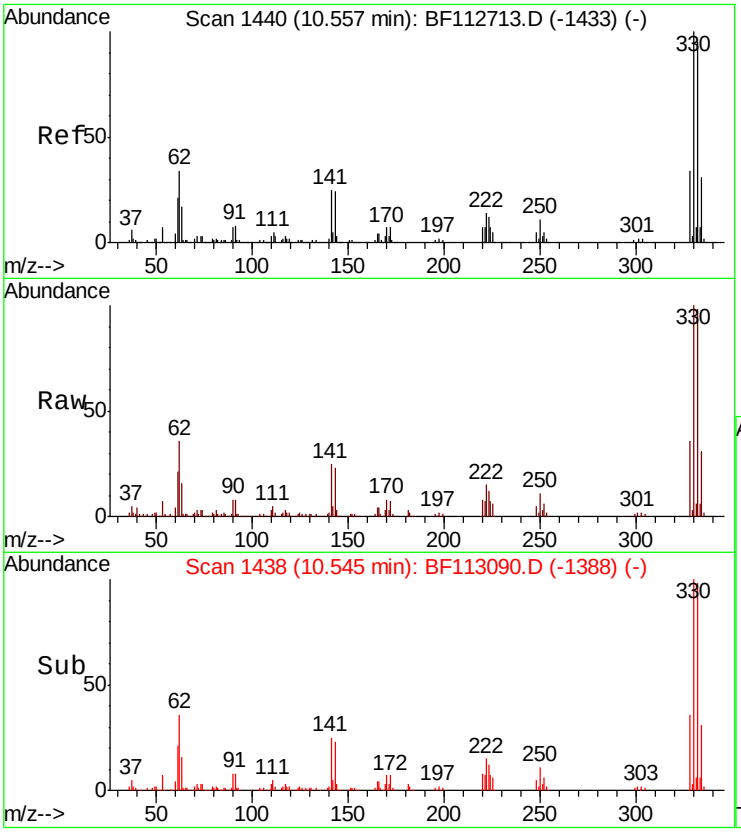


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:164 Resp: 357561

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.5	36.0	54.0



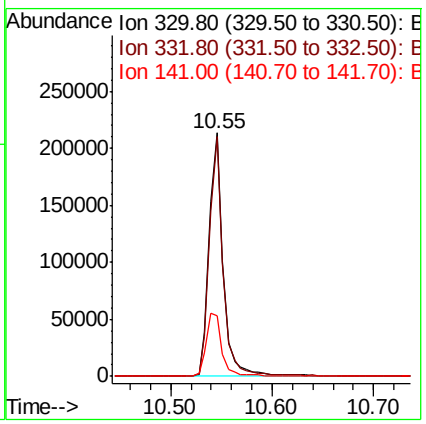


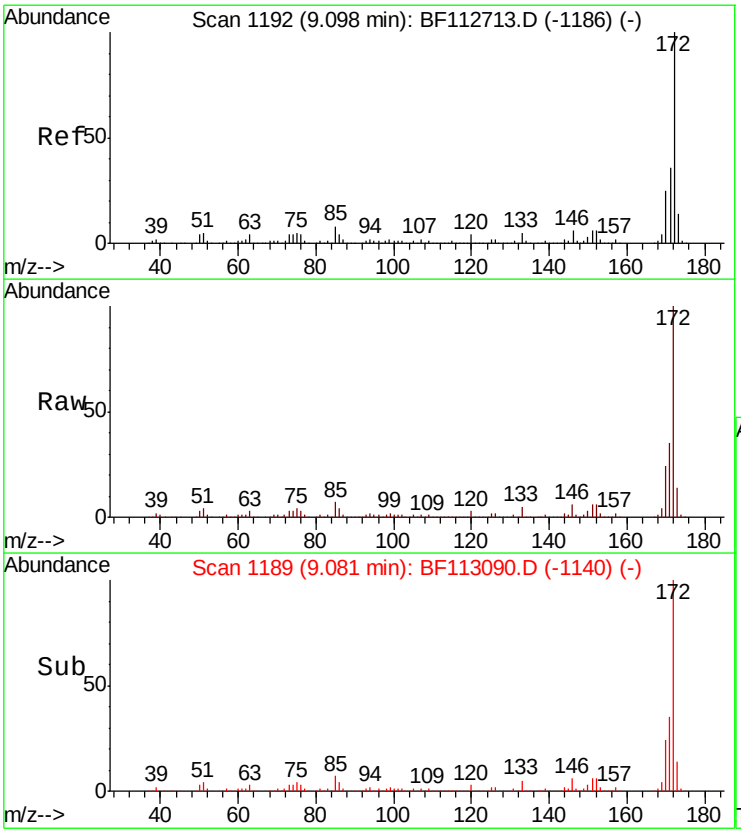
#42
2,4,6-Tribromophenol
Concen: 54.653 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:330 Resp: 207459

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	28.9	27.0	40.6

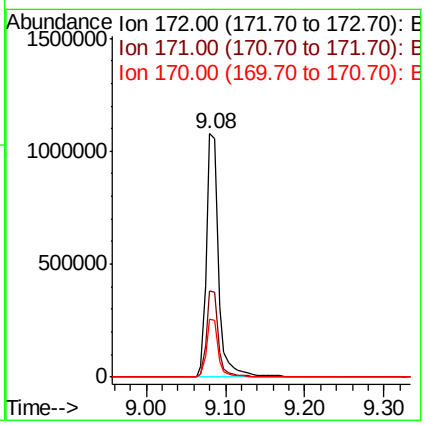


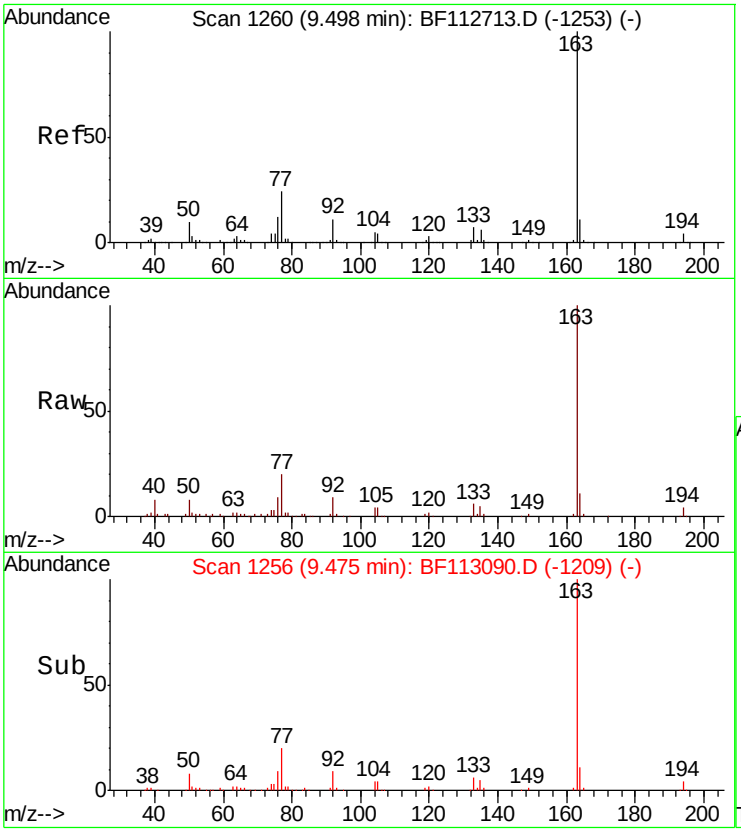


#45
2-Fluorobiphenyl
Concen: 47.624 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:172 Resp: 1155446

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.1	20.0	30.0



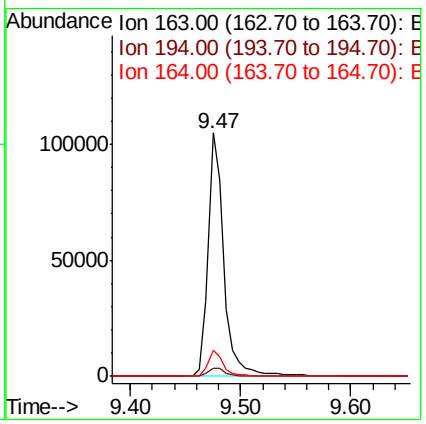


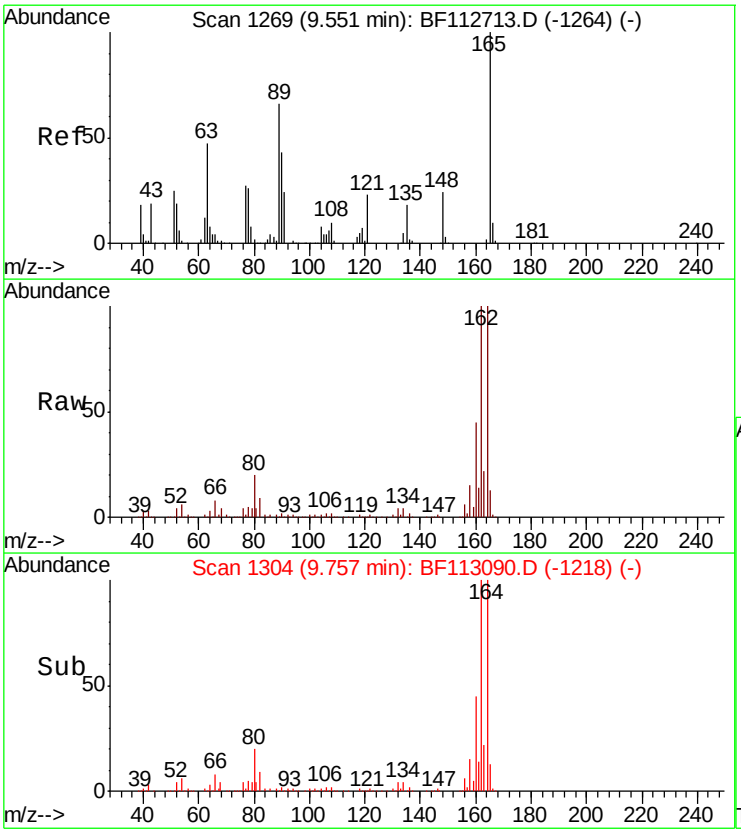
#50
Dimethylphthalate
Concen: 3.834 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:163 Resp: 101082

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.7	8.4	12.6

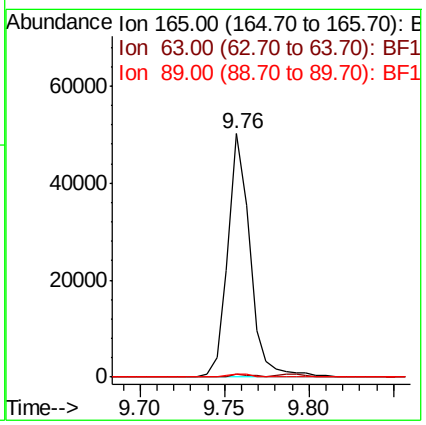


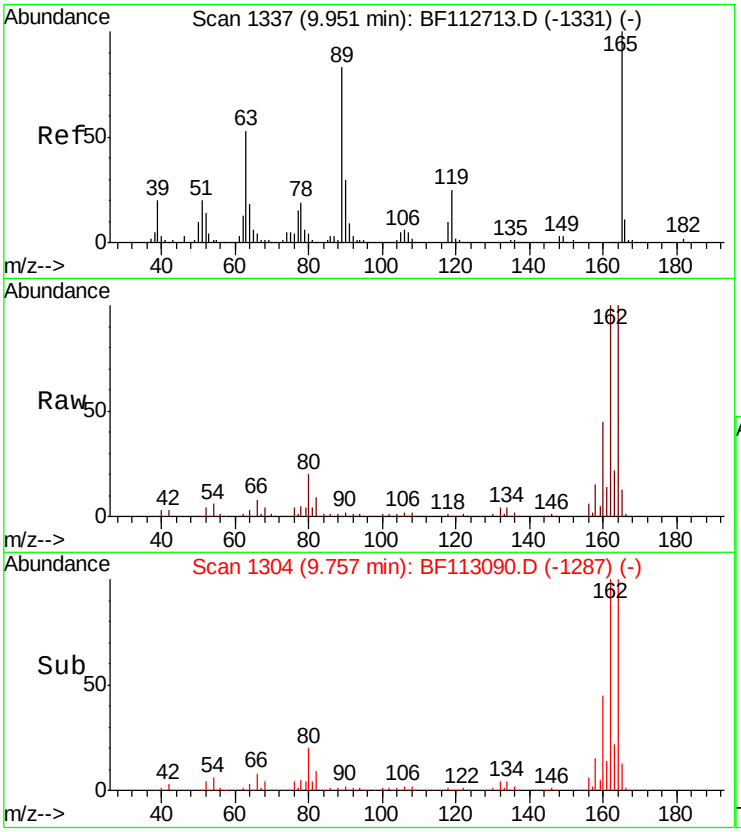


#51
2,6-Dinitrotoluene
Concen: 8.418 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:165 Resp: 46218

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.4	52.8	79.2#



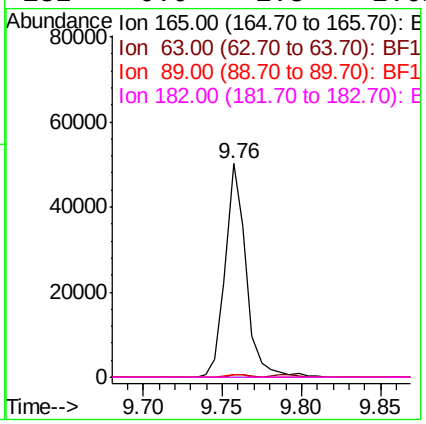


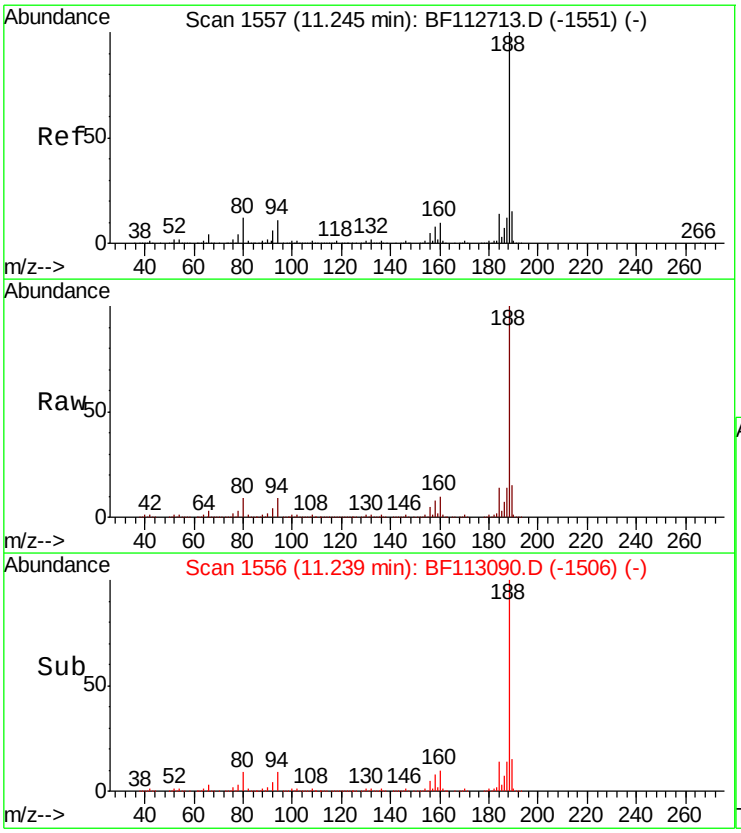
#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:165 Resp: 46219

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

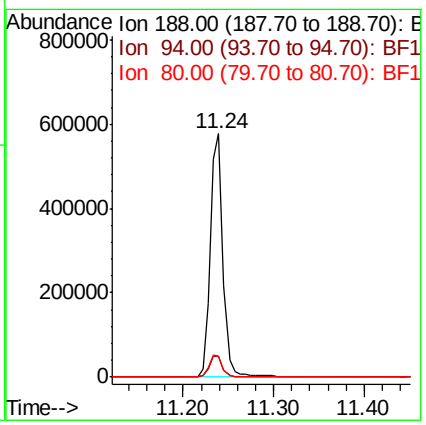


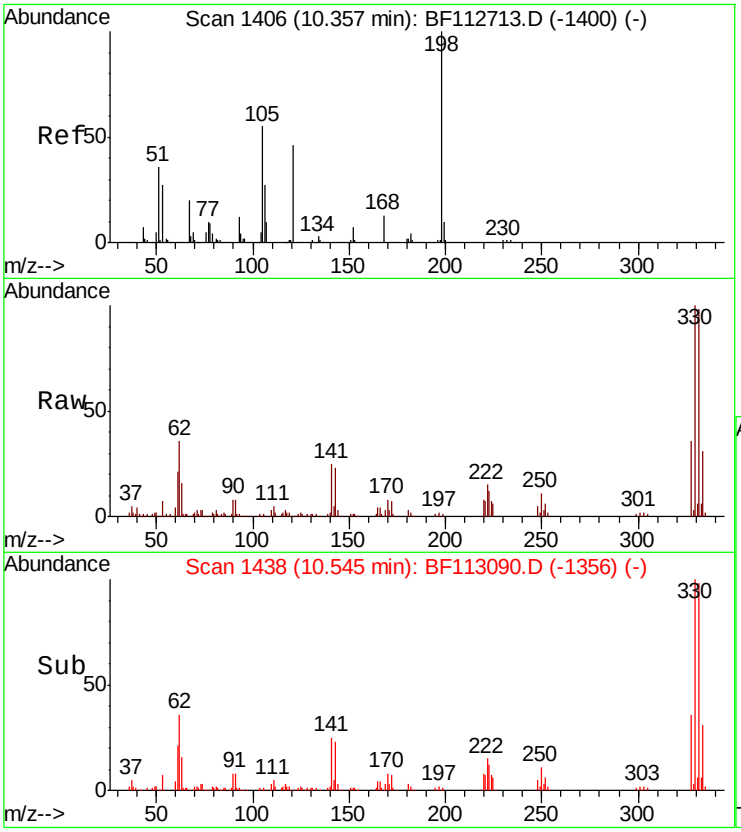


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:188 Resp: 566253

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.6	9.2	13.8#



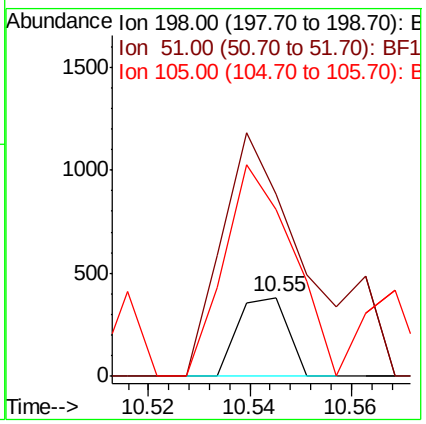


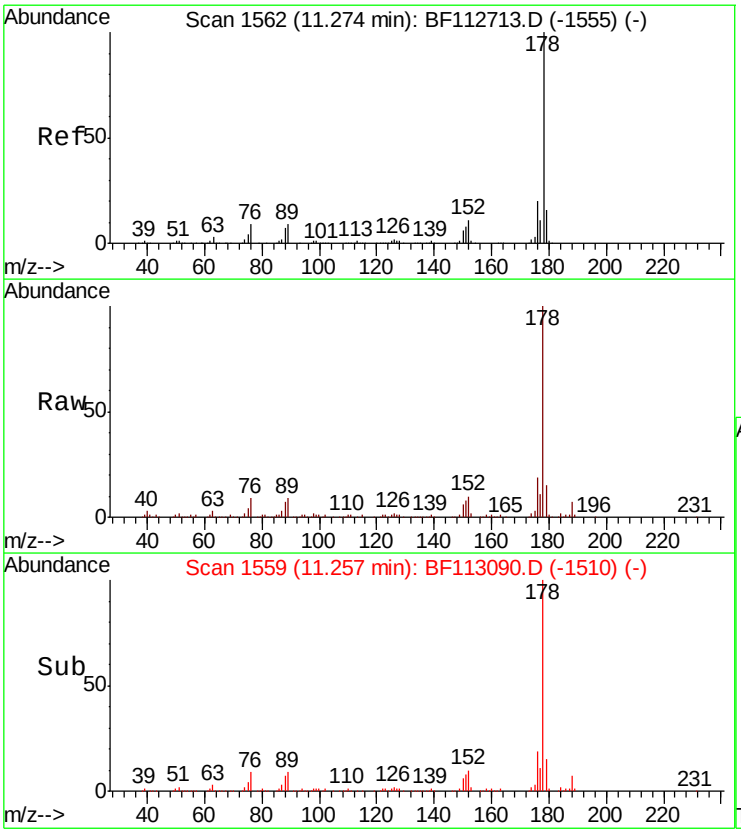
#65
4,6-Dinitro-2-methylphenol
Concen: 4.714 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:198 Resp: 260

Ion	Ratio	Lower	Upper
198	100		
51	231.7	43.8	83.8#
105	212.3	36.5	76.5#

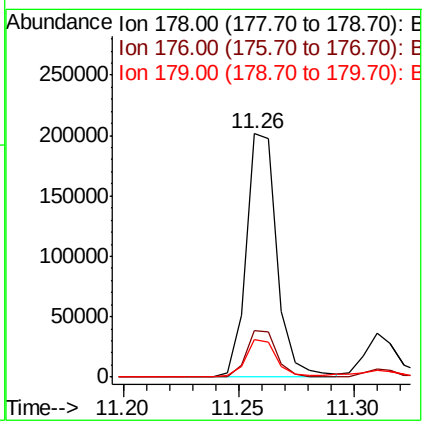


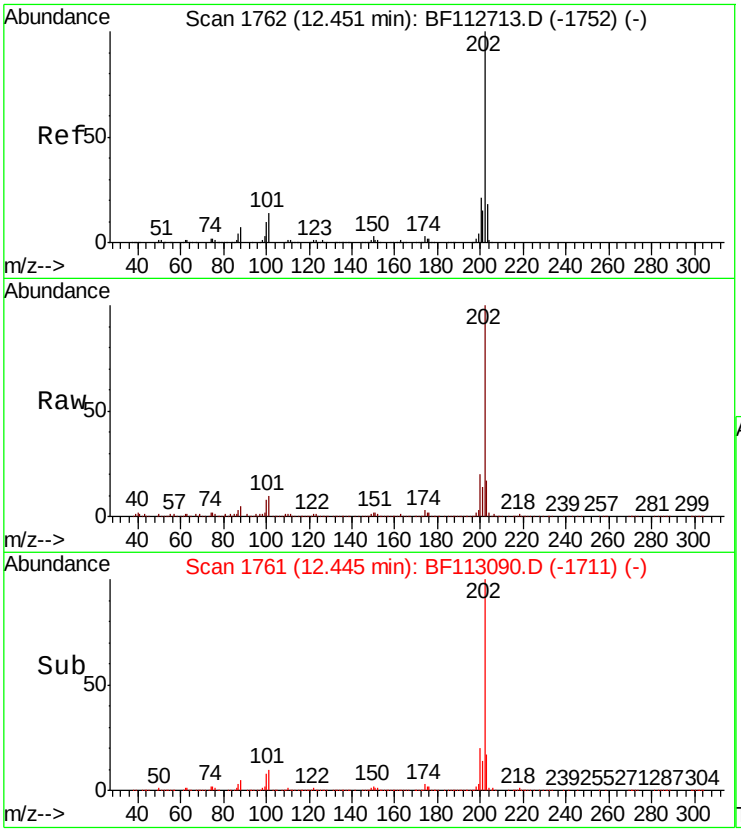


#71
Phenanthrene
Concen: 6.654 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:178 Resp: 187454

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.2	12.7	19.1



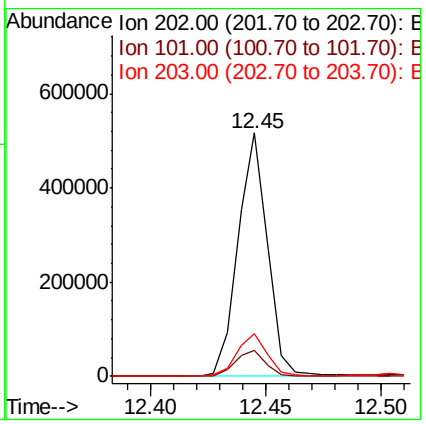


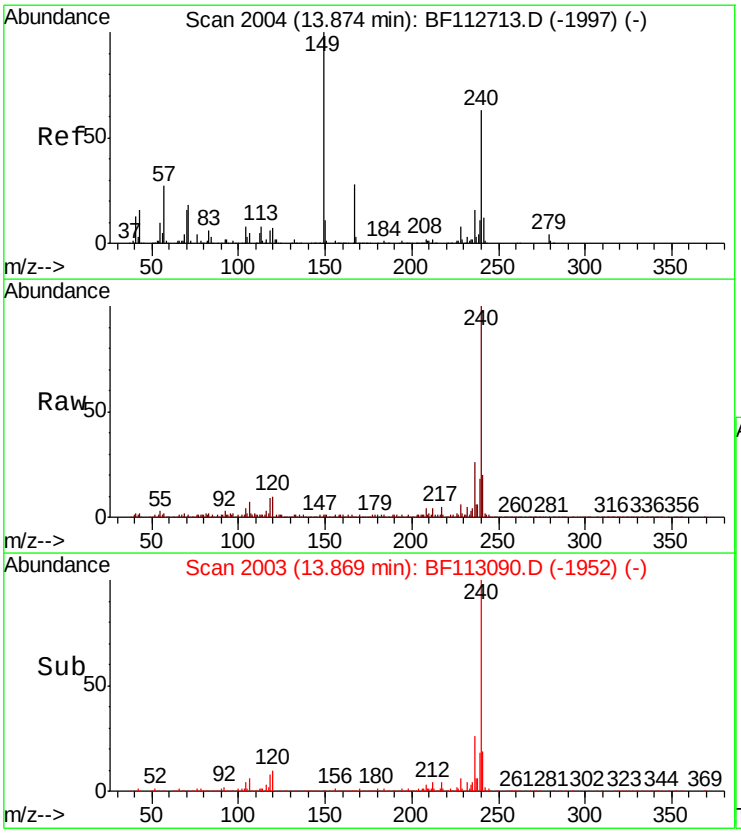
#75
Fluoranthene
Concen: 15.175 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:202 Resp: 458034

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.8
203	17.4	0.0	38.4

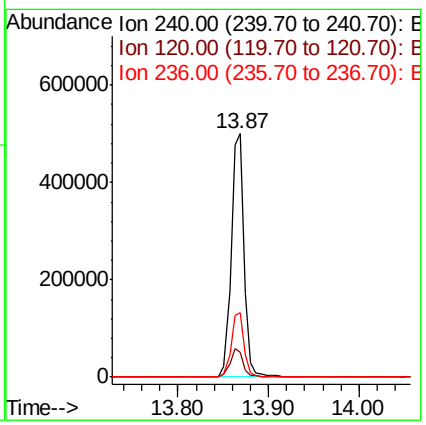


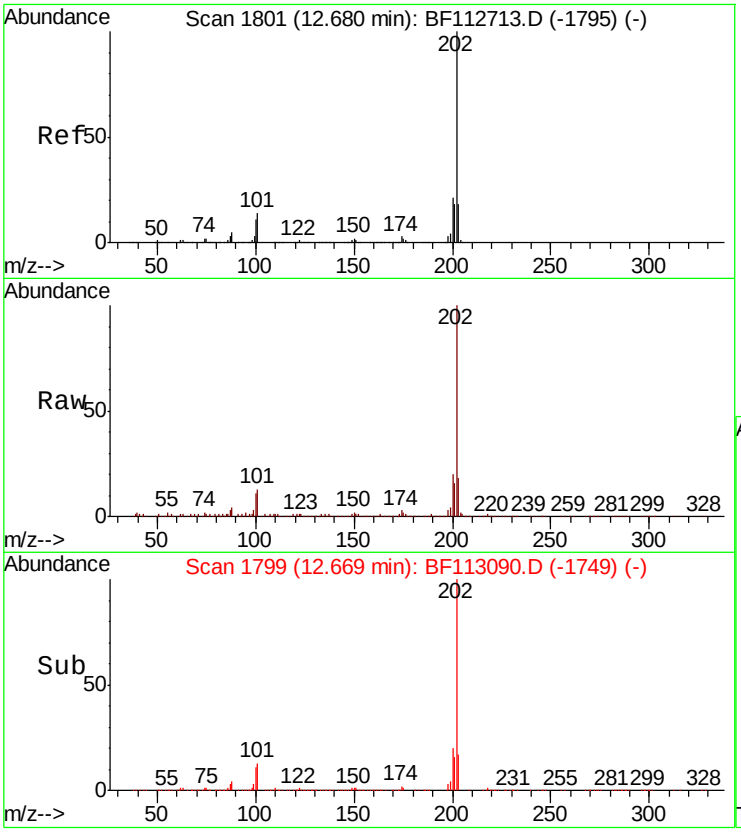


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:240 Resp: 497797

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	26.3	20.7	31.1



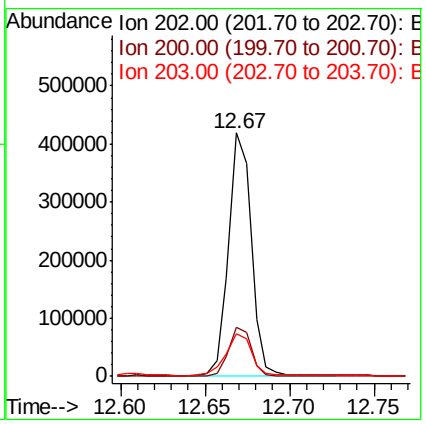


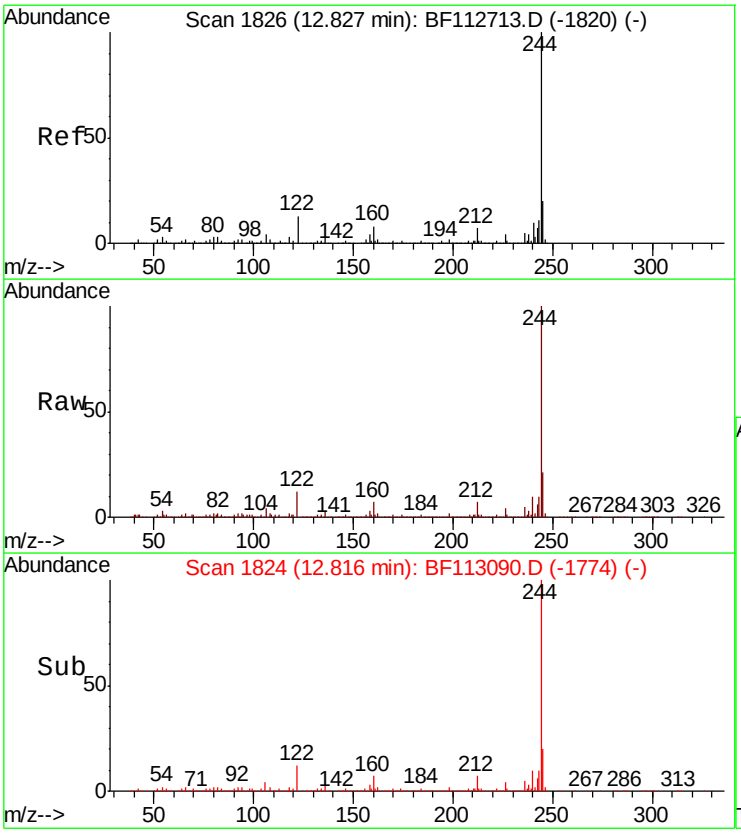
#78
Pyrene
Concen: 9.308 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:202 Resp: 390621

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	17.7	14.4	21.6

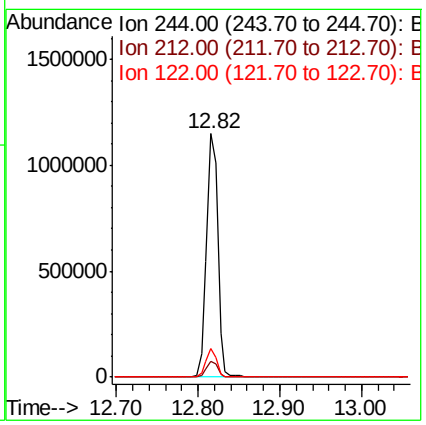


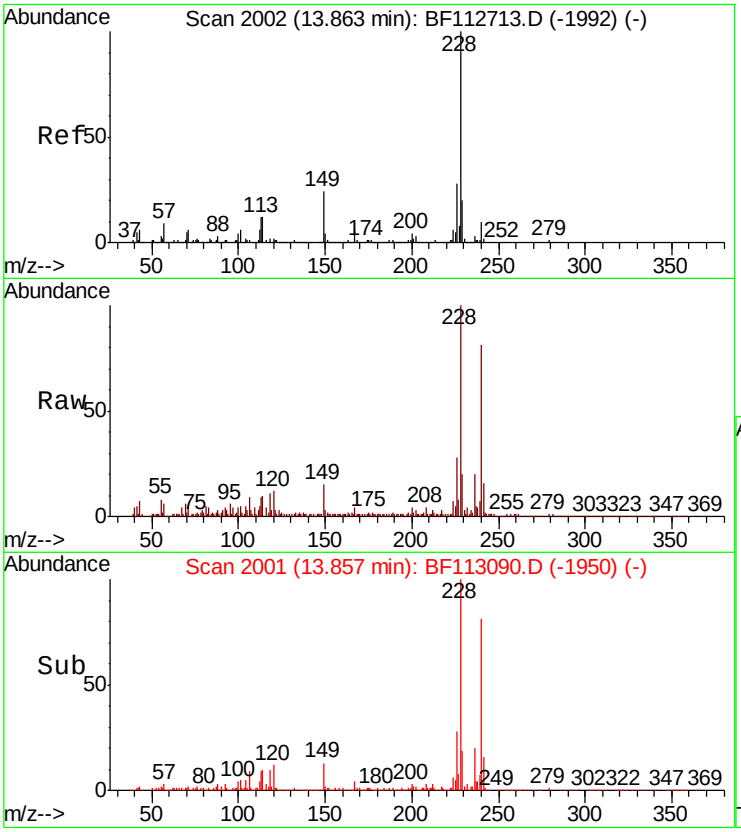


#79
Terphenyl-d14
Concen: 42.664 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:244 Resp: 1095579

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.7	10.5	15.7



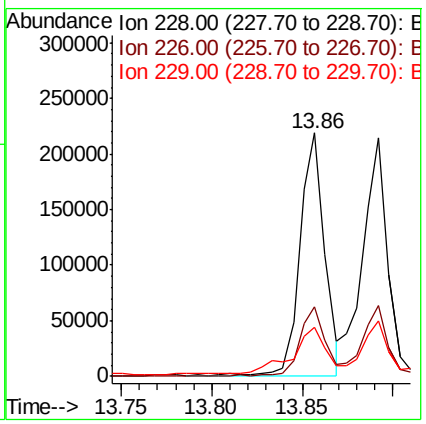


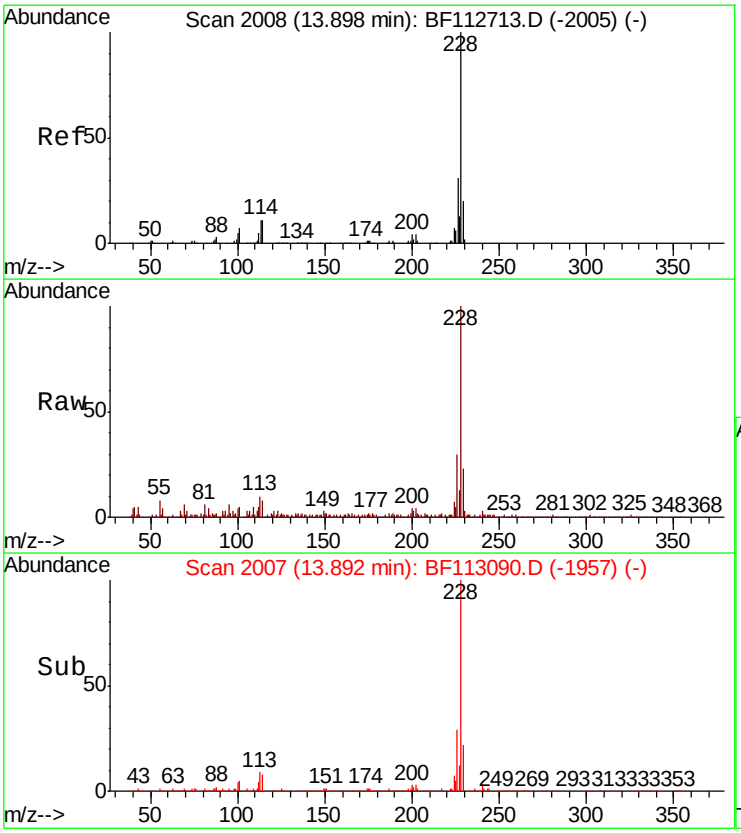
#81
Benzo(a)anthracene
Concen: 6.047 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:228 Resp: 208633

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	20.2	16.0	24.0

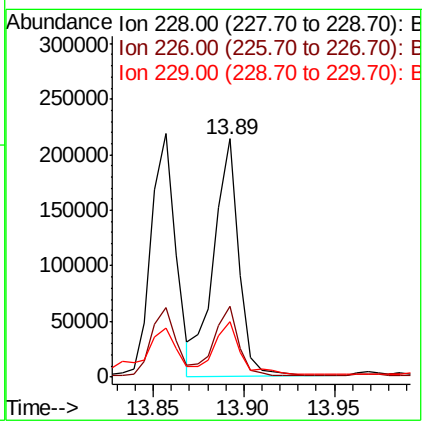


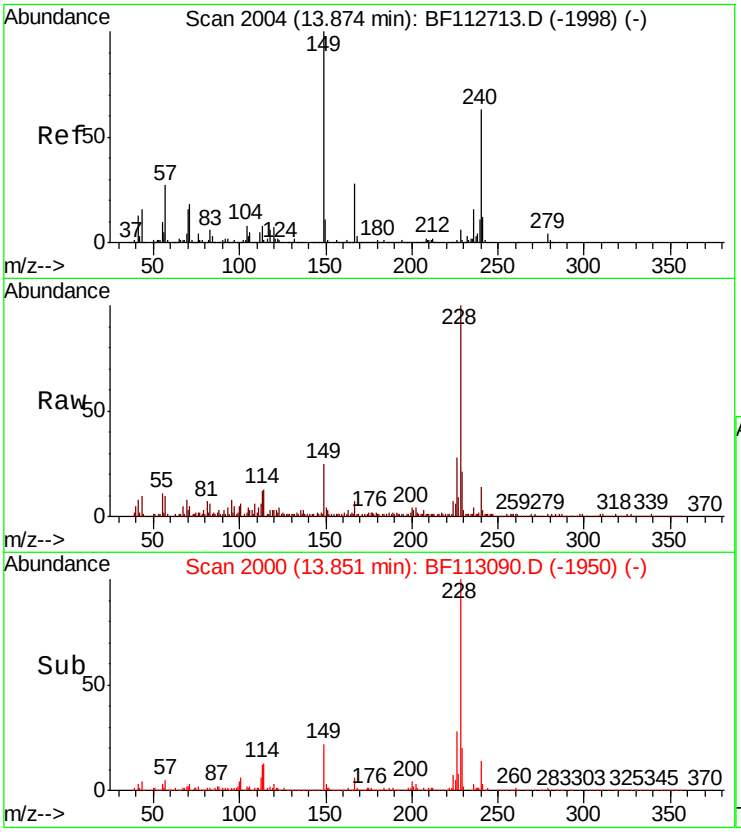


#83
Chrysene
Concen: 6.122 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:228 Resp: 206906

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	23.1	16.3	24.5



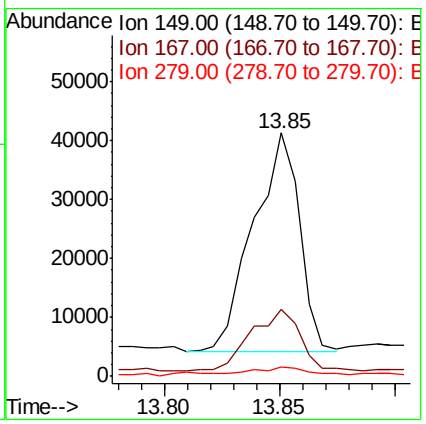


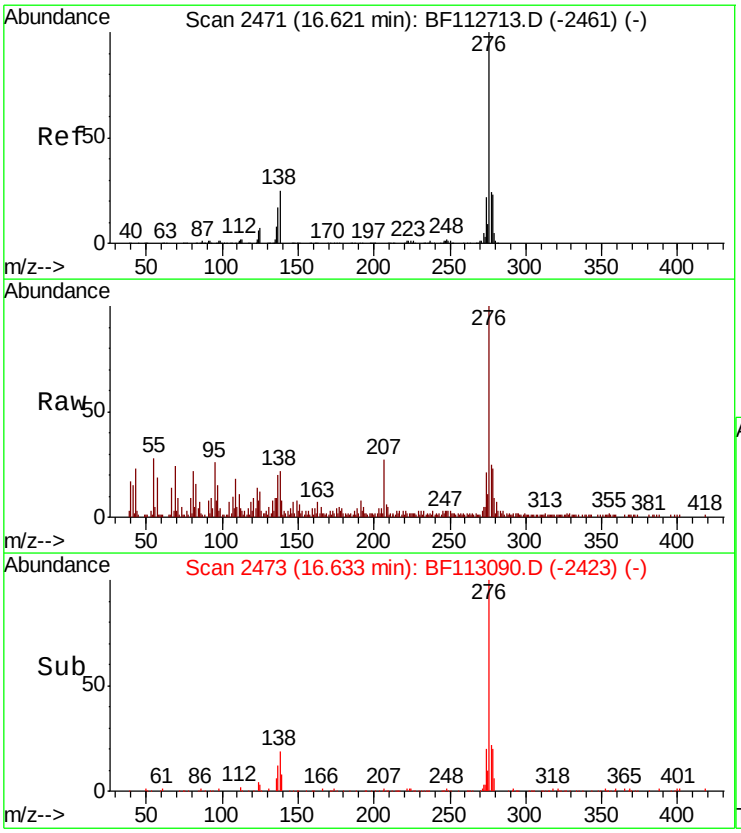
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.371 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:149 Resp: 51518

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	3.8	3.3	4.9

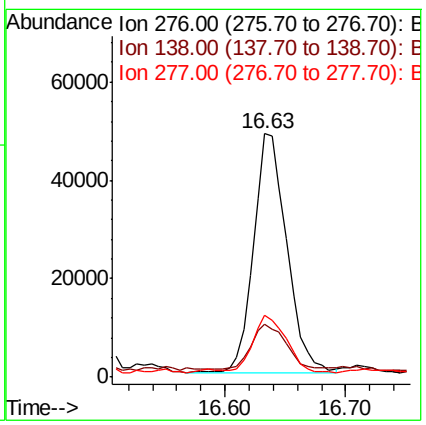


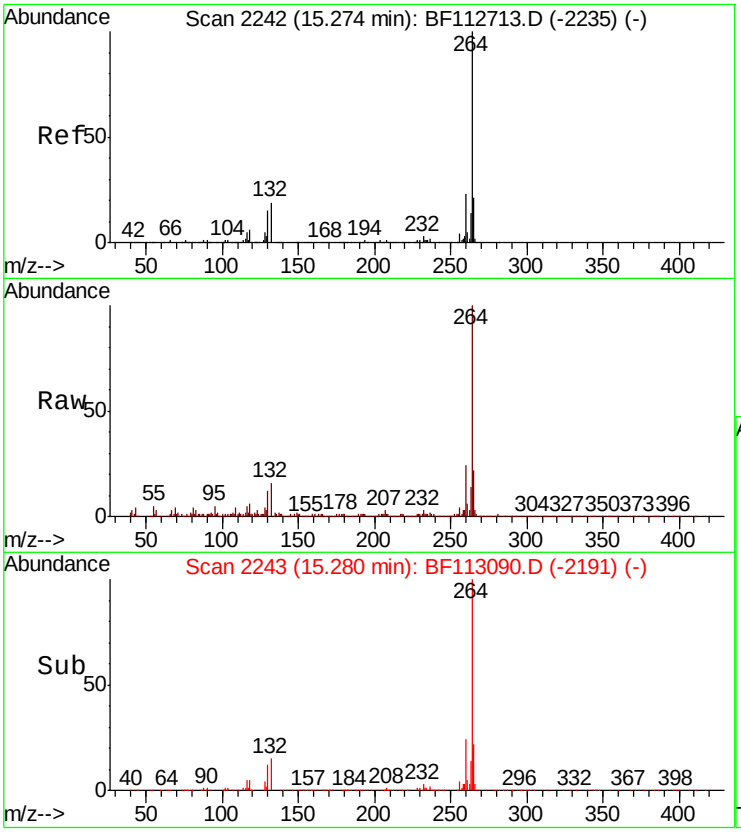


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.241 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:276 Resp: 93381

Ion	Ratio	Lower	Upper
276	100		
138	19.1	23.2	34.8#
277	23.7	19.9	29.9



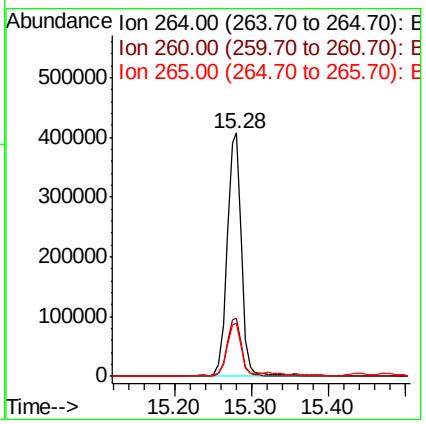


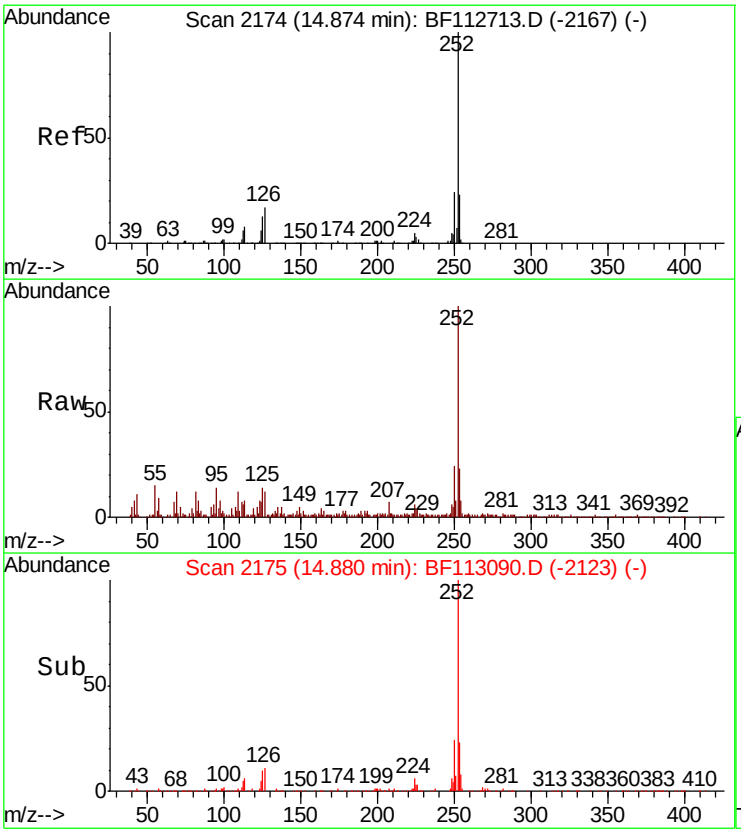
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:264 Resp: 521418

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.9	17.2	25.8

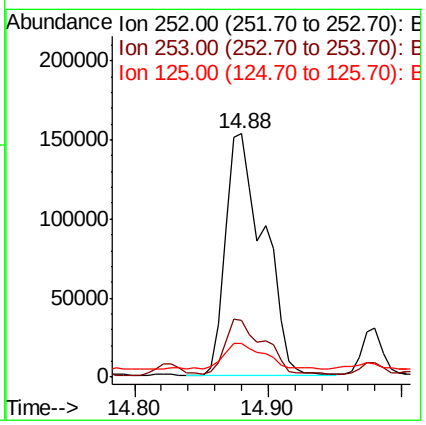


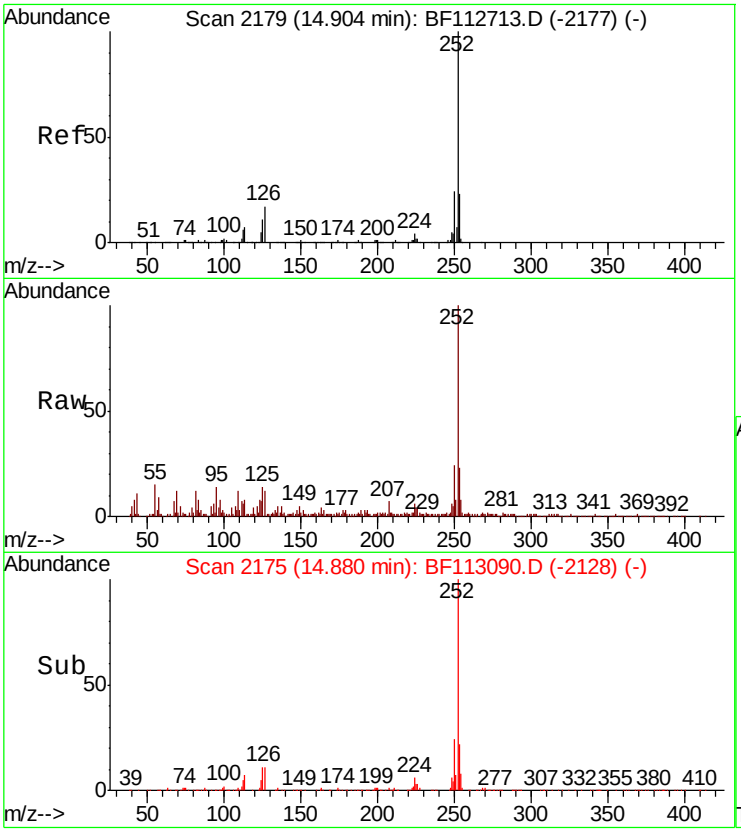


#88
Benzo(b)fluoranthene
Concen: 9.067 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:252 Resp: 305802

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.1	10.2	15.2



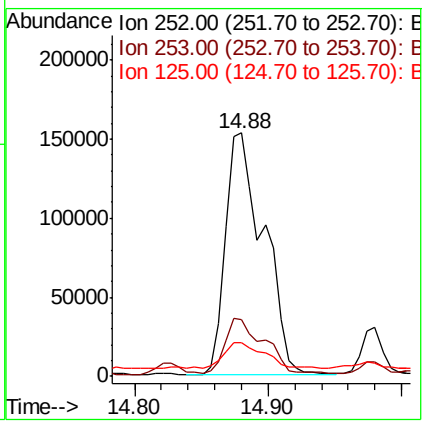


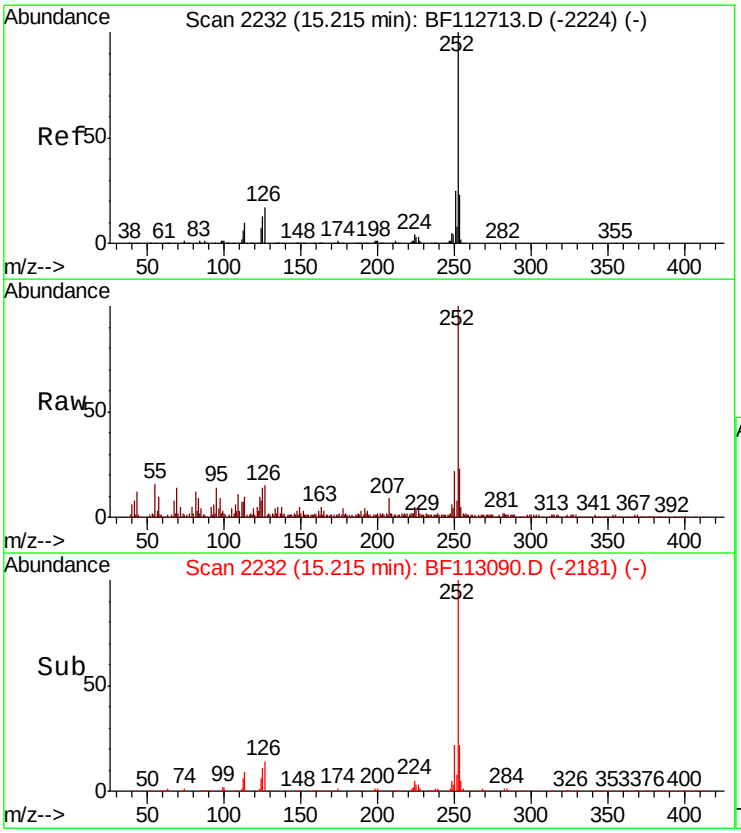
#89
Benzo(k)fluoranthene
Concen: 10.010 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:252 Resp: 305802

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	14.1	9.8	14.6

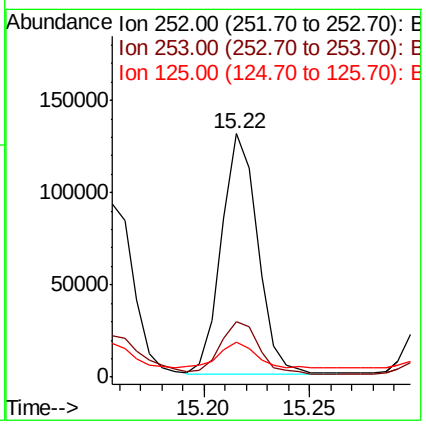


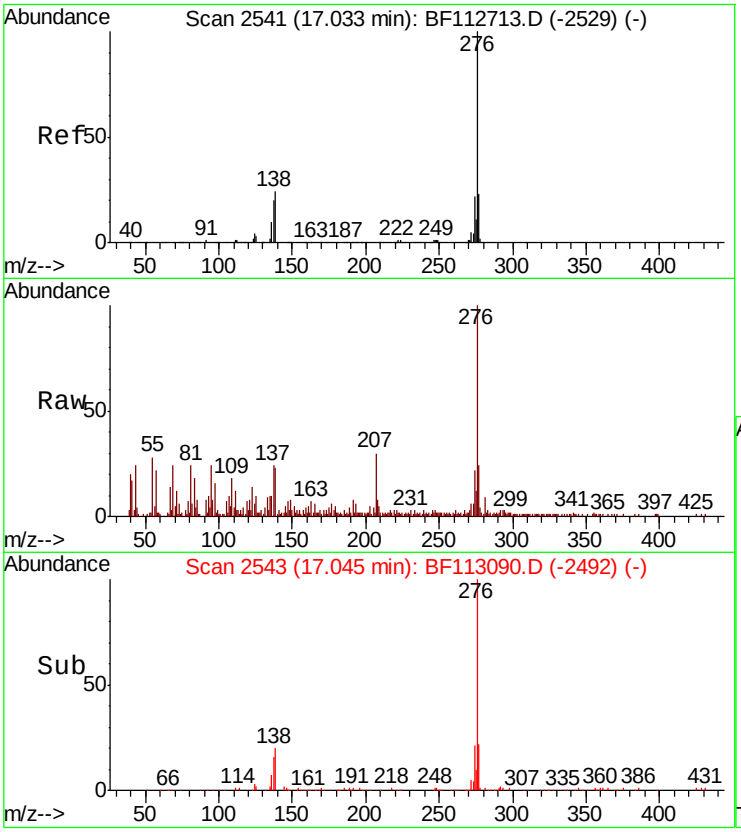


#90
Benzo(a)pyrene
Concen: 5.240 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Tgt Ion:252 Resp: 156305

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.5	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.233 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113090.D
Acq: 18 Mar 2019 15:10

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Tgt Ion:276 Resp: 82640

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	23.1	19.4	29.0