Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112909.D
Acq On : 7 Mar 2019 4:22
Operator : JU/SJ
Sample : K1705-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B097-022719

Quant Time: Mar 07 05:49:12 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	6.73	152	175207	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	714169	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	310912	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	576130	20.00	ng		0.00
76) Chrysene-d12	13.86	240	496958	20.00	ng		-0.01
87) Perylene-d12	15.26	264	451057	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	924906	82.12	ng		0.00
7) Phenol-d6	6.37	99	1193209	84.33	ng		0.00
23) Nitrobenzene-d5	7.29	82	710950	59.57	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	346482	104.97	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1327102	66.85	ng		-0.01
79) Terphenyl-d14	12.82	244	1209573	47.18	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	93973	10.487	ng	#	76
25) Isophorone	7.29	82	710944	27.650	ng	#	66
50) Dimethylphthalate	9.48	163	84299	3.677	ng		98
51) 2,6-Dinitrotoluene	9.76	165	40114	8.403	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	40107	6.759	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.55	198	505	4.806	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	19054	3.140	ng	#	1
75) Fluoranthene	12.45	202	72162	2.350	ng		97
88) Benzo(b)fluoranthene	14.87	252	67993	2.330	ng		96
89) Benzo(k)fluoranthene	14.87	252	67993	2.573	ng		96

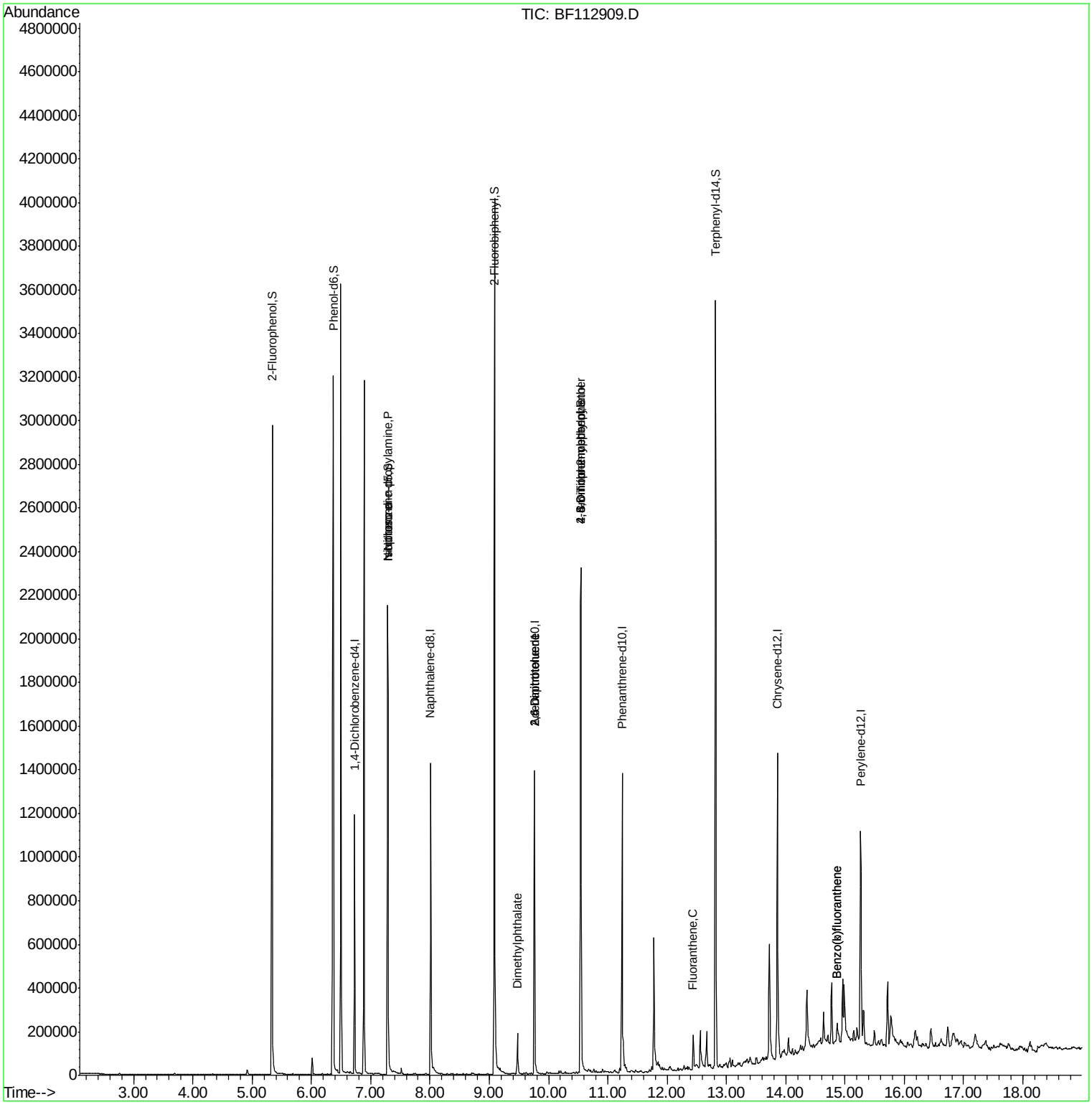
(#) = qualifier out of range (m) = manual integration (+) = signals summed

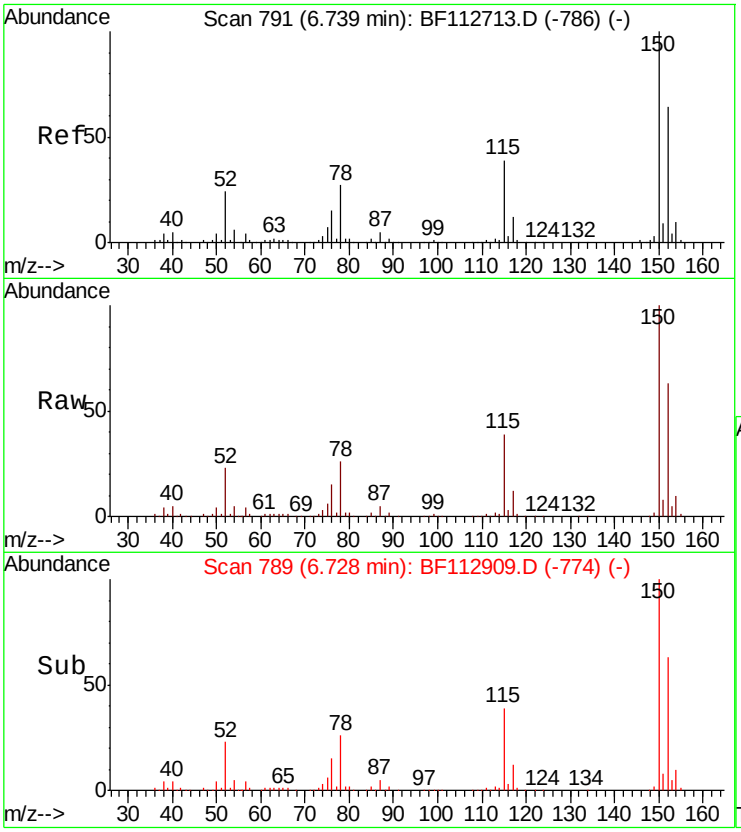
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112909.D
Acq On : 7 Mar 2019 4:22
Operator : JU/SJ
Sample : K1705-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Quant Time: Mar 07 05:49:12 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



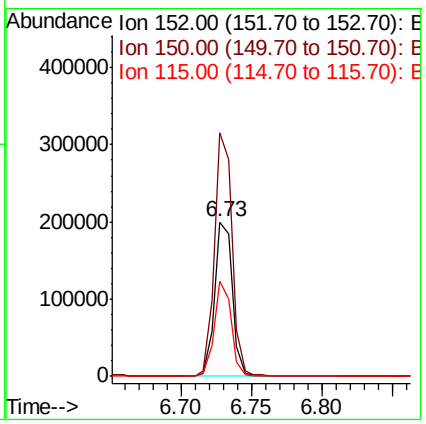


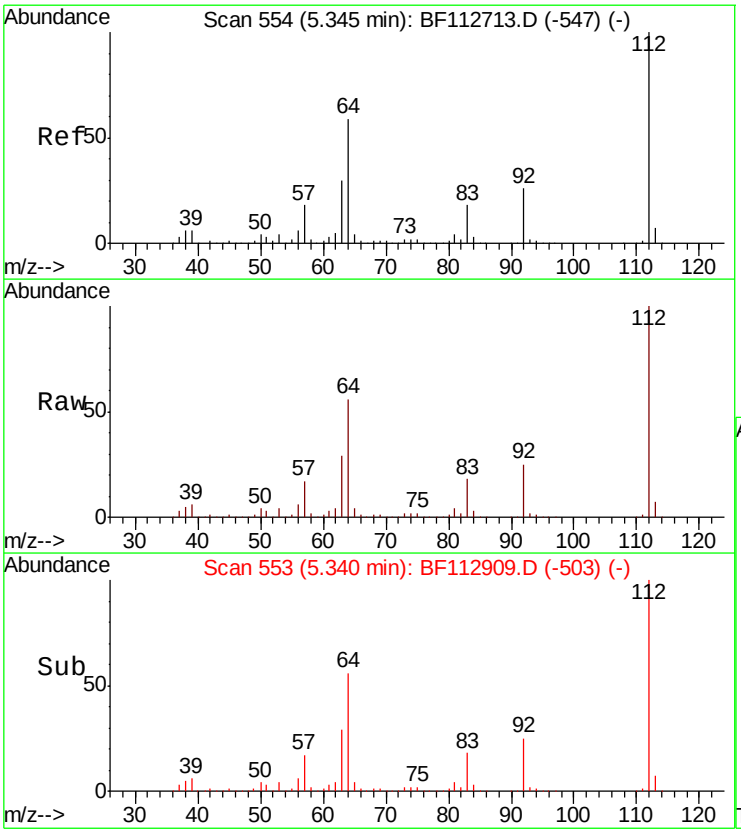
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:152 Resp: 175207

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.2	186.2
115	61.8	48.2	72.4

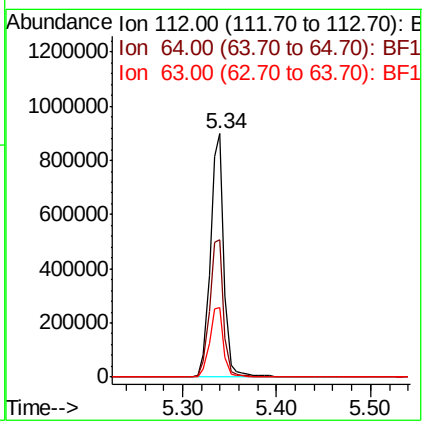


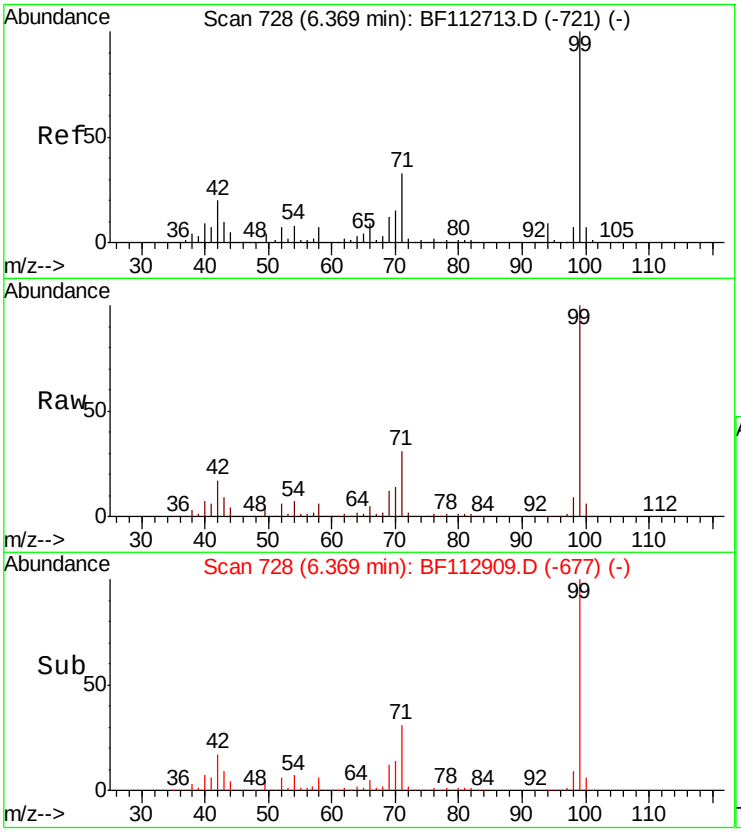


#5
2-Fluorophenol
Concen: 82.116 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:112 Resp: 924906

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.6	71.4
63	28.8	24.4	36.6



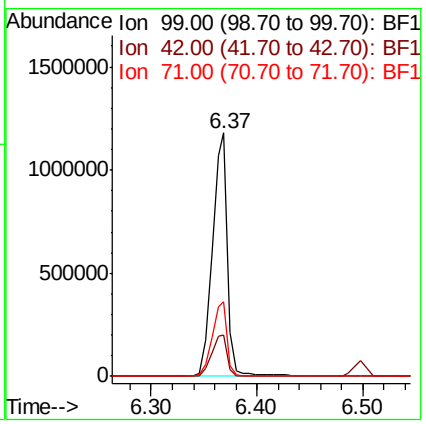


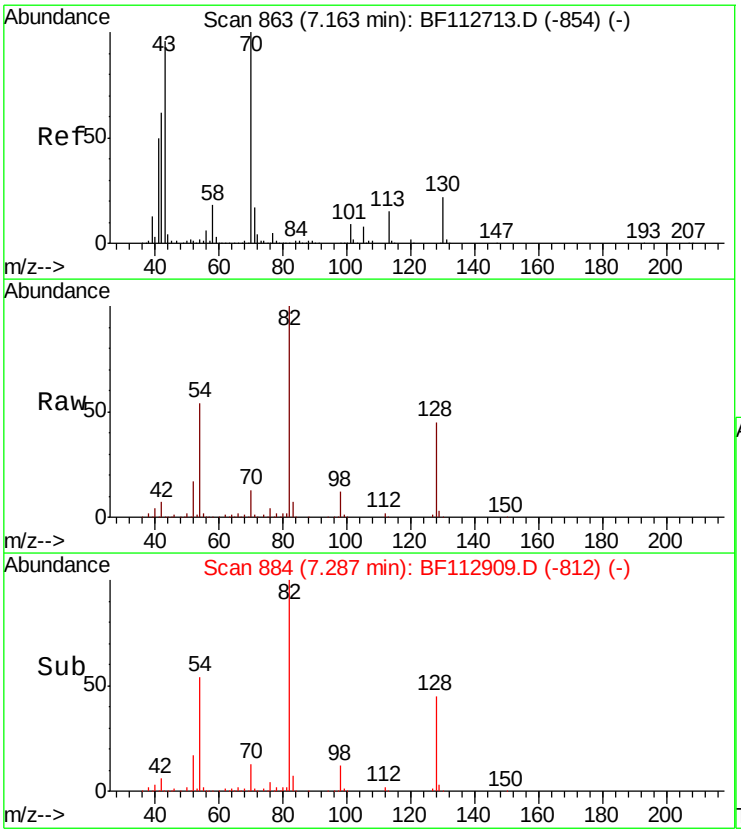
#7
Phenol-d6
Concen: 84.334 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion: 99 Resp: 1193209

Ion	Ratio	Lower	Upper
99	100		
42	17.2	16.3	24.5
71	30.5	26.2	39.4

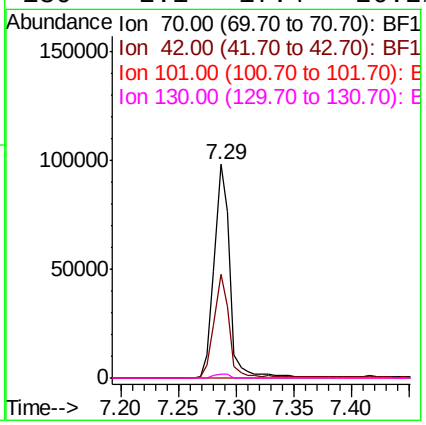


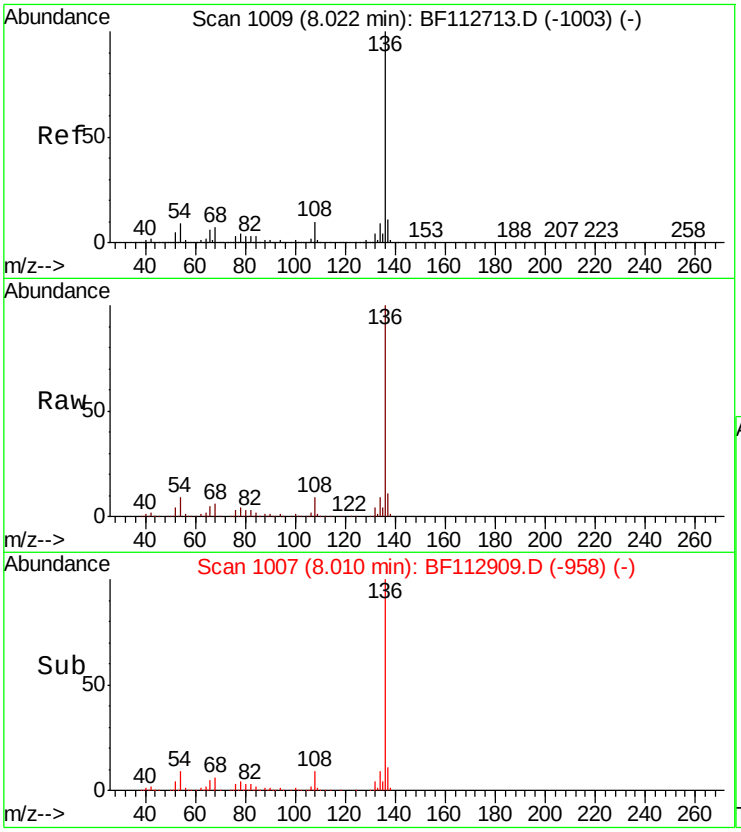


#19
n-Nitroso-di-n-propylamine
Concen: 10.487 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion: 70 Resp: 93973

Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.9	74.9#
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



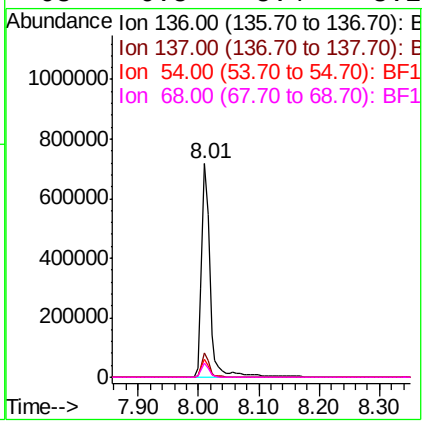


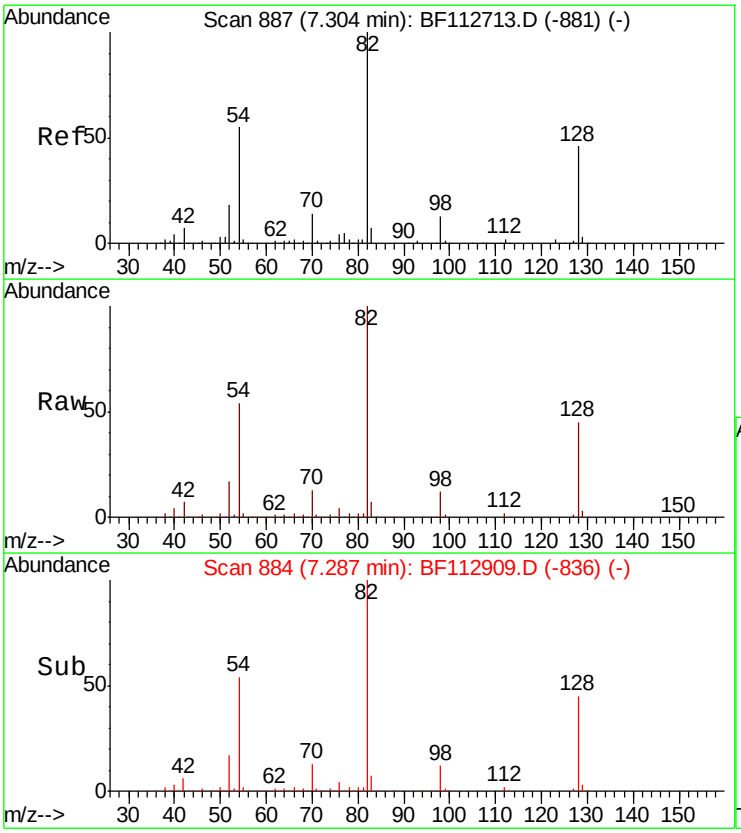
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:136 Resp: 714169

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	7.3	10.9
68	6.5	5.4	8.2

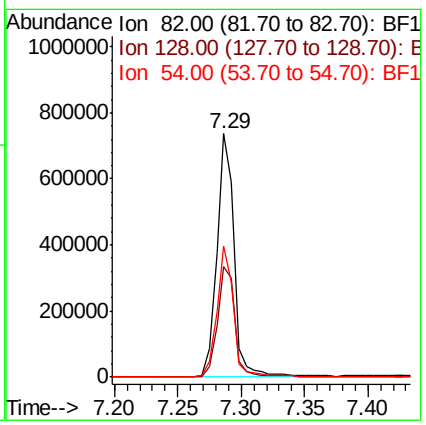


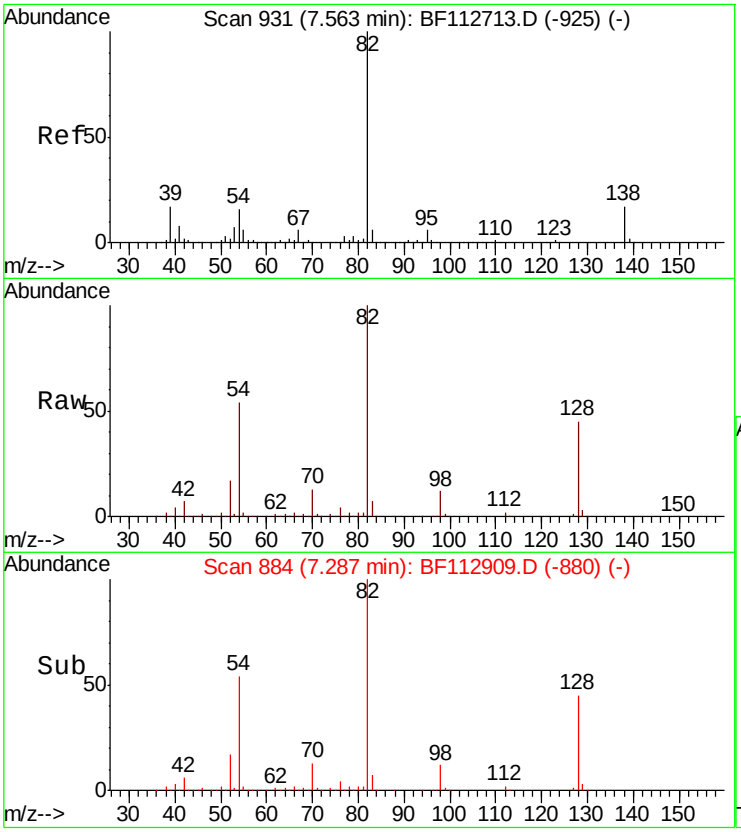


#23
Nitrobenzene-d5
Concen: 59.568 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion: 82 Resp: 710950

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	53.6	43.7	65.5



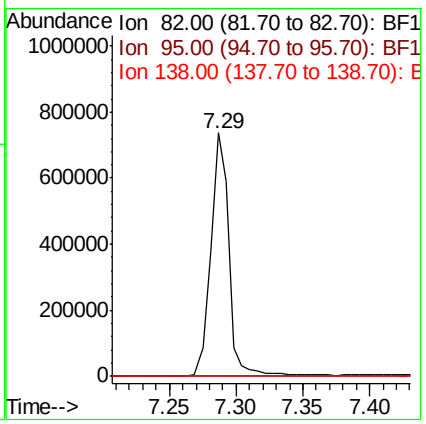


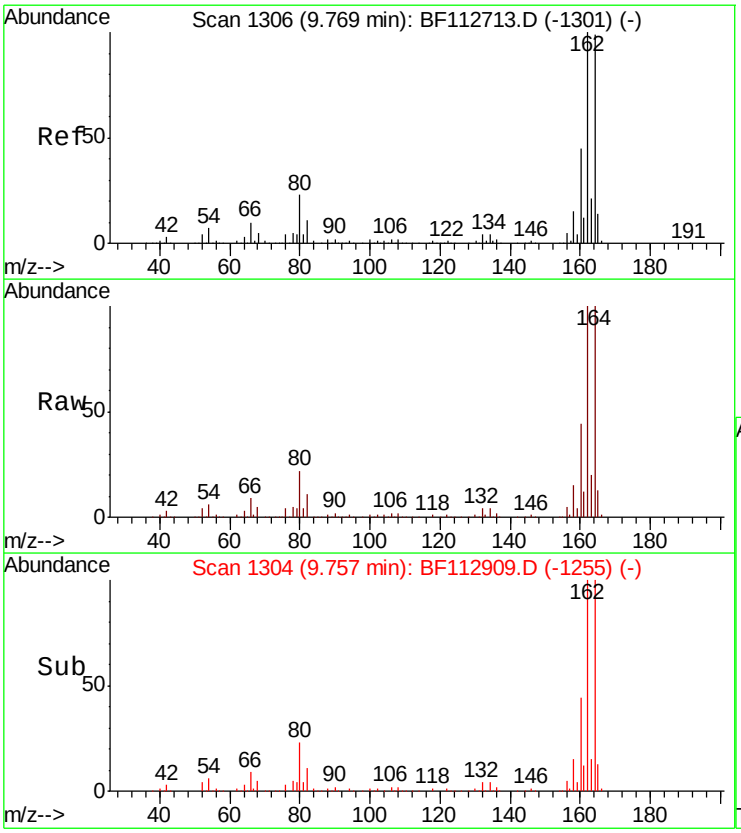
#25
Isophorone
Concen: 27.650 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion: 82 Resp: 710944

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

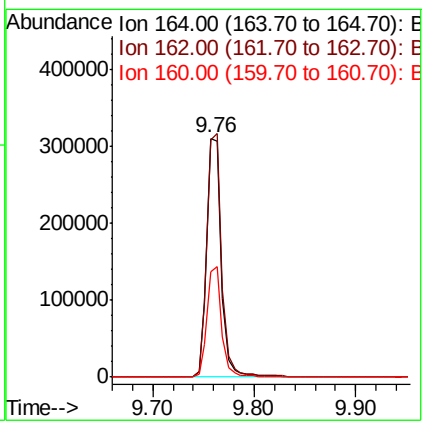


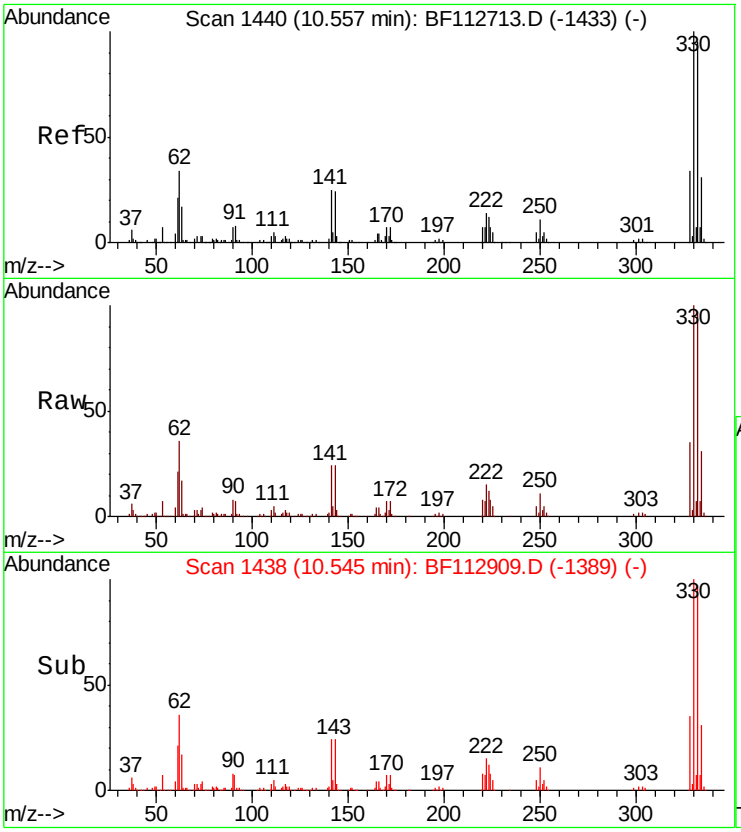


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:164 Resp: 310912

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	44.1	36.0	54.0



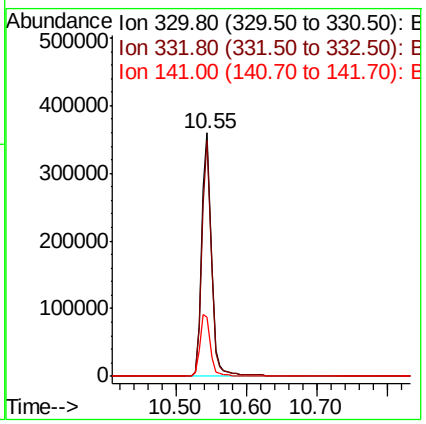


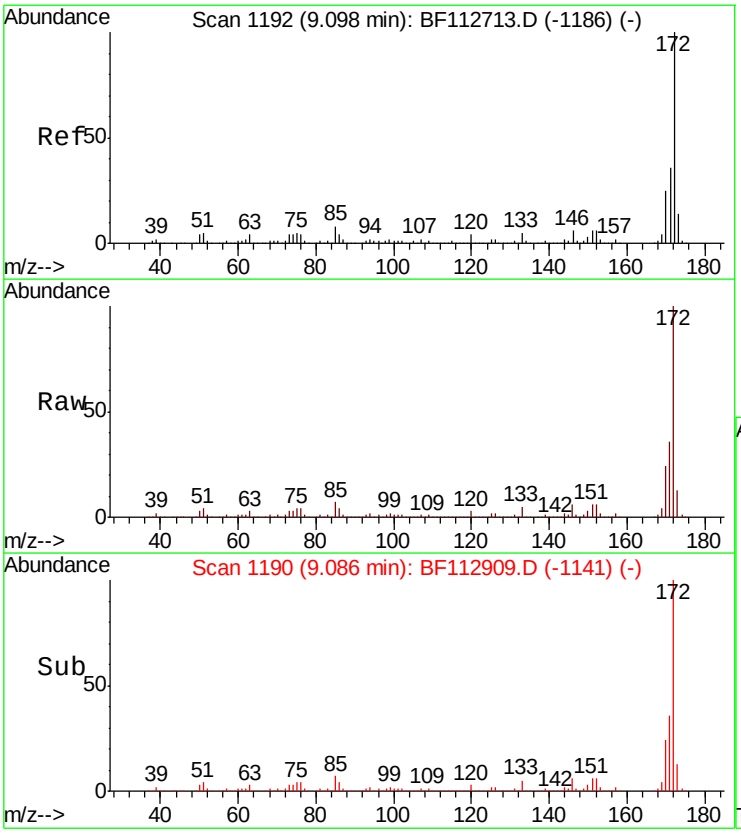
#42
2,4,6-Tribromophenol
Concen: 104.972 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:330 Resp: 346482

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	27.9	27.0	40.6

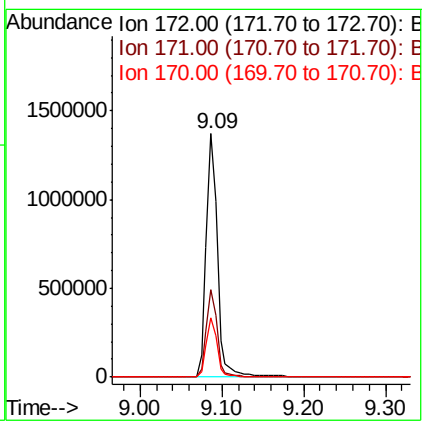


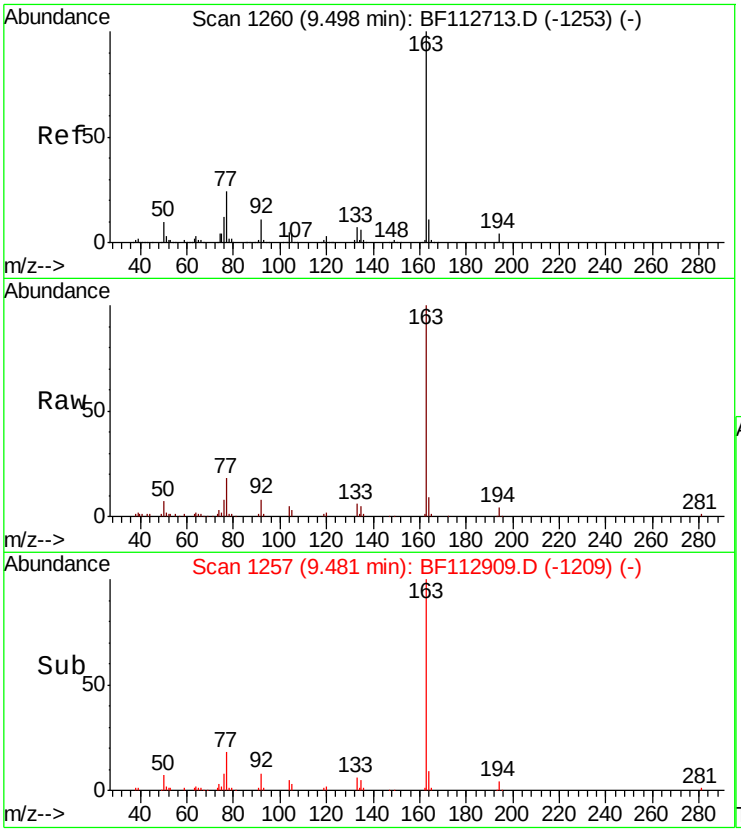


#45
2-Fluorobiphenyl
Concen: 66.849 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:172 Resp: 1327102

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.4	20.0	30.0



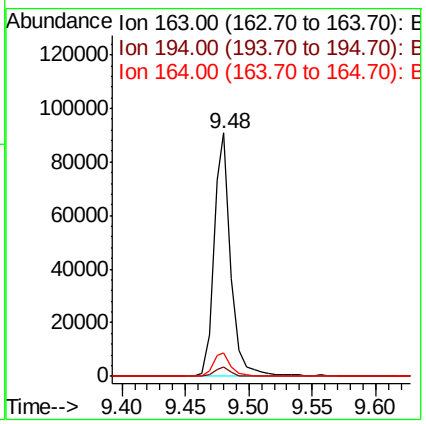


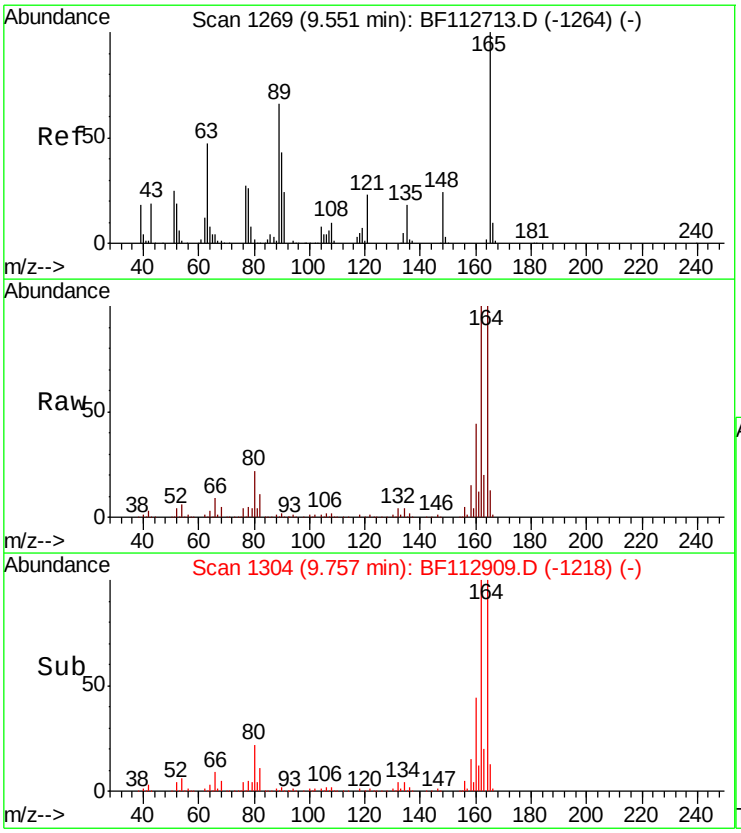
#50
Dimethylphthalate
Concen: 3.677 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:163 Resp: 84299

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.4	8.4	12.6

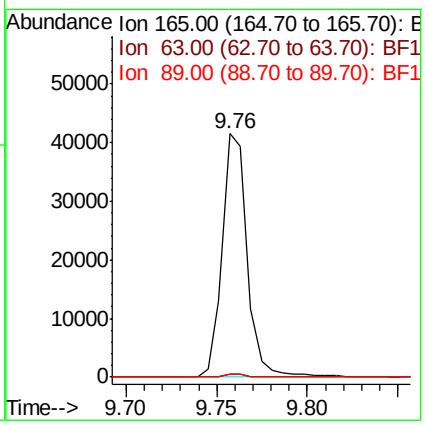


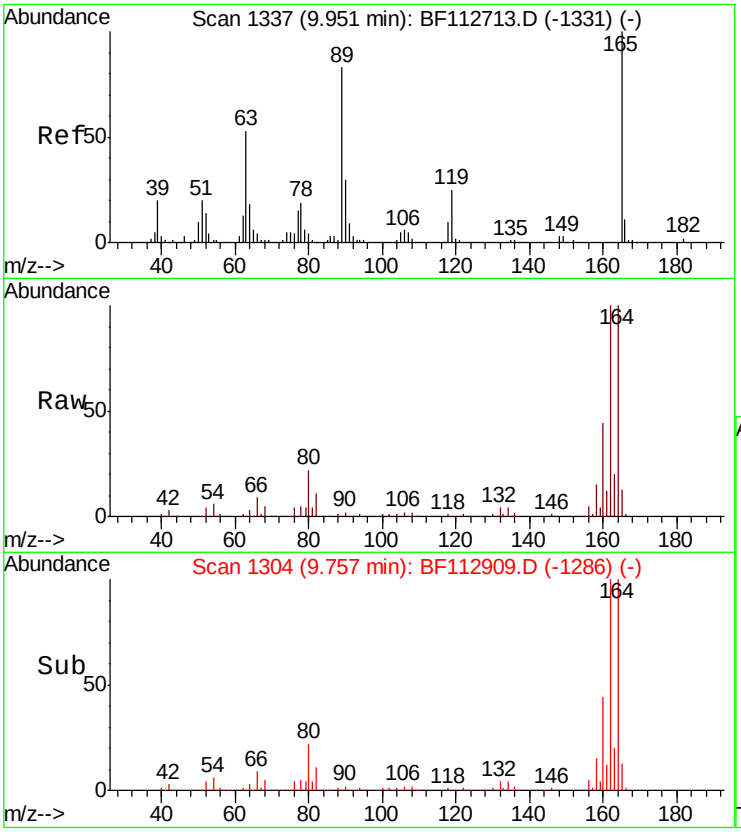


#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:165 Resp: 40114

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.2	52.8	79.2#



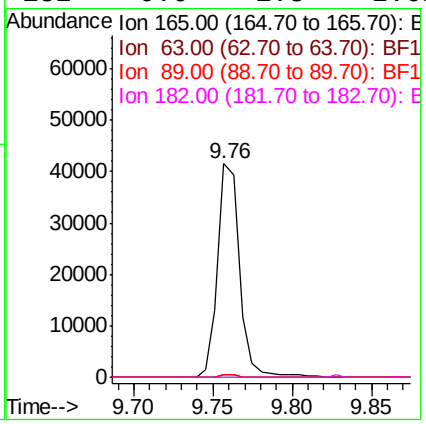


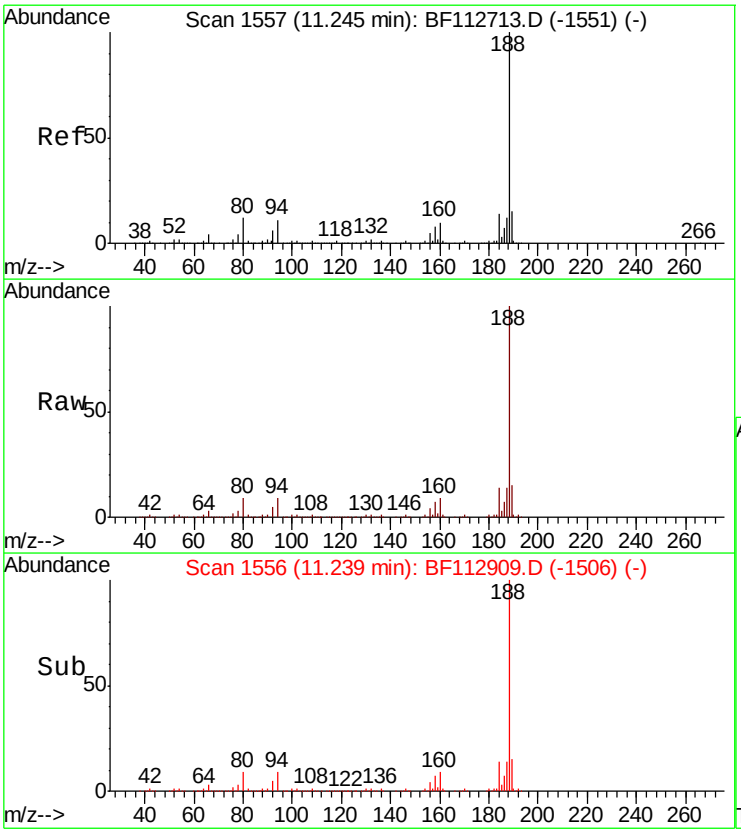
#57
2,4-Dinitrotoluene
Concen: 6.759 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:165 Resp: 40107

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

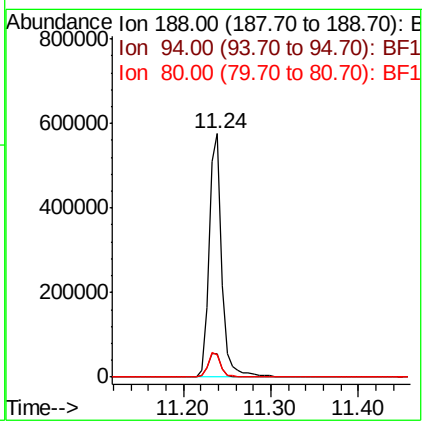


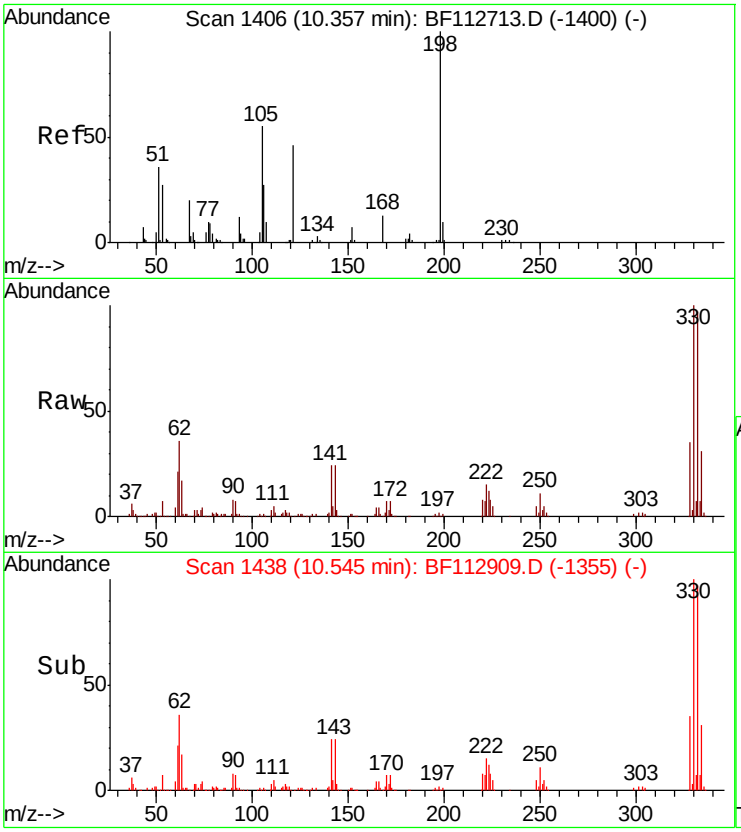


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:188 Resp: 576130

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.1	9.2	13.8#



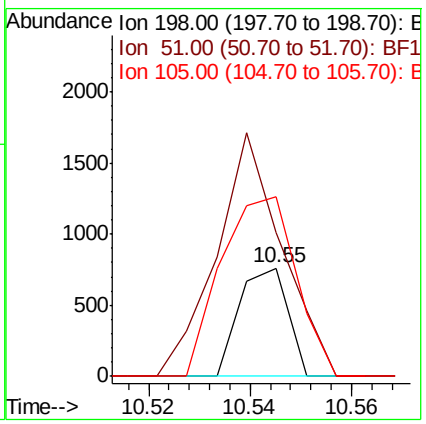


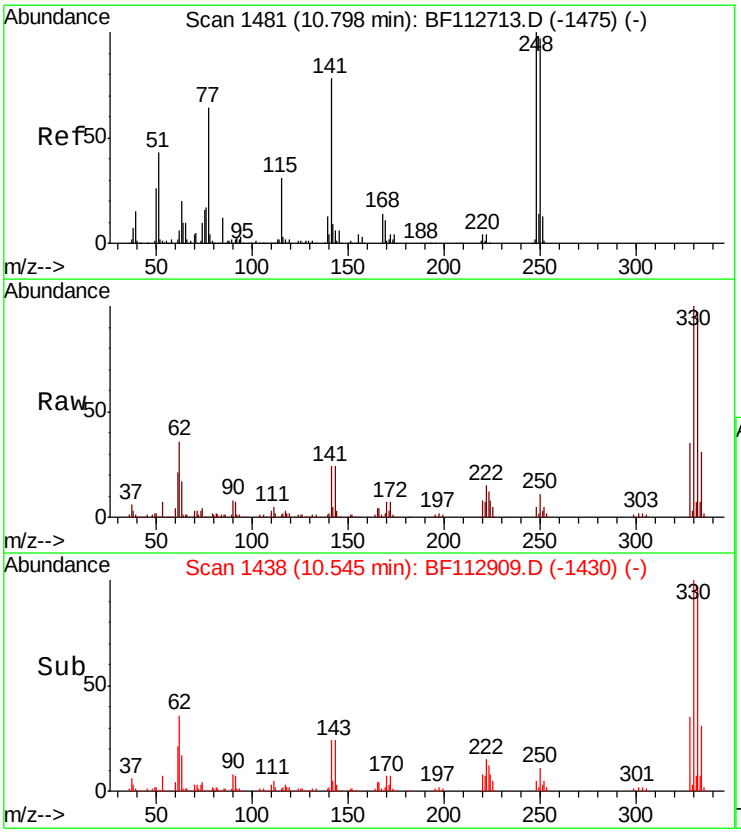
#65
4,6-Dinitro-2-methylphenol
Concen: 4.806 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:198 Resp: 505

Ion	Ratio	Lower	Upper
198	100		
51	132.8	43.8	83.8#
105	166.6	36.5	76.5#

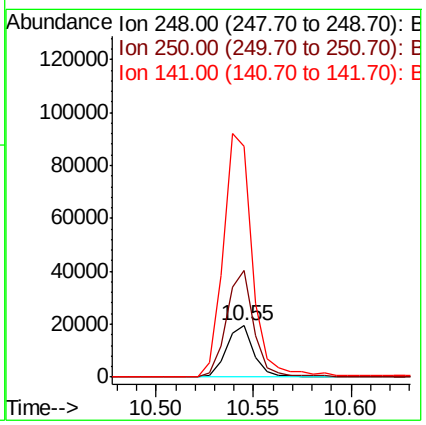


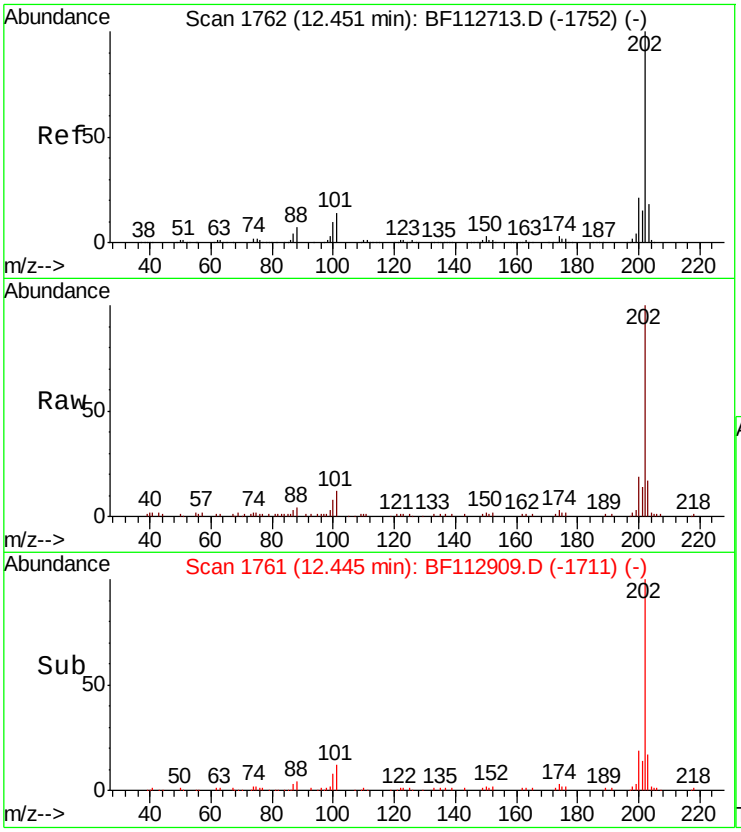


#67
4-Bromophenyl-phenylether
Concen: 3.140 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:248 Resp: 19054

Ion	Ratio	Lower	Upper
248	100		
250	207.7	77.5	116.3#
141	450.1	62.4	93.6#



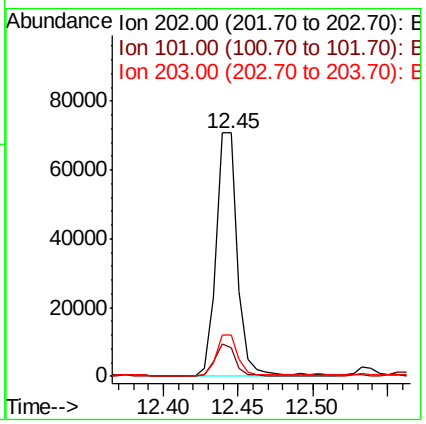


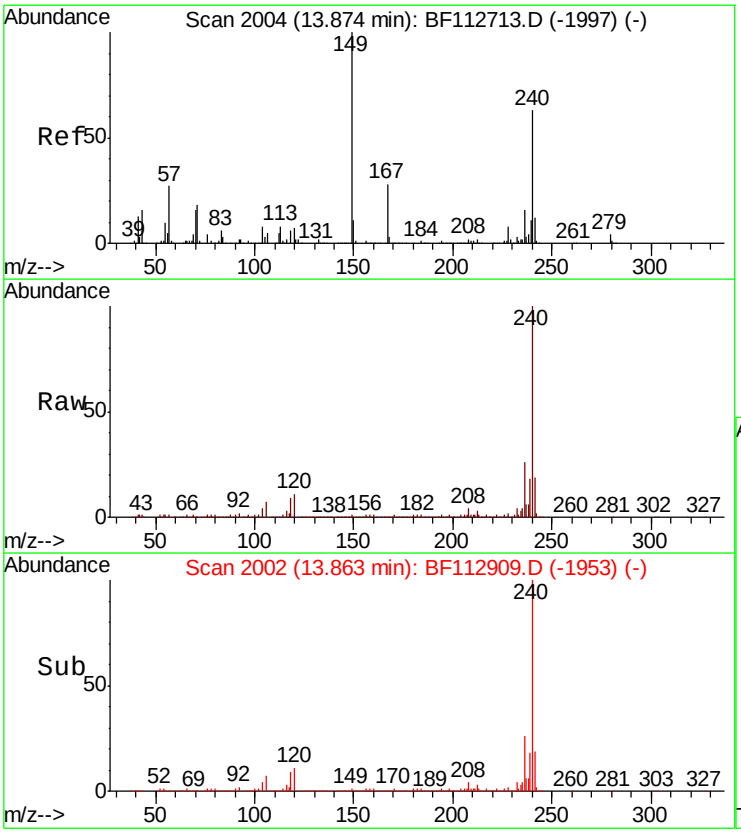
#75
Fluoranthene
Concen: 2.350 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:202 Resp: 72162

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	17.2	0.0	38.4

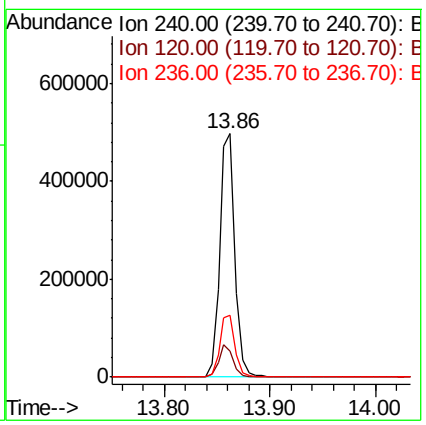


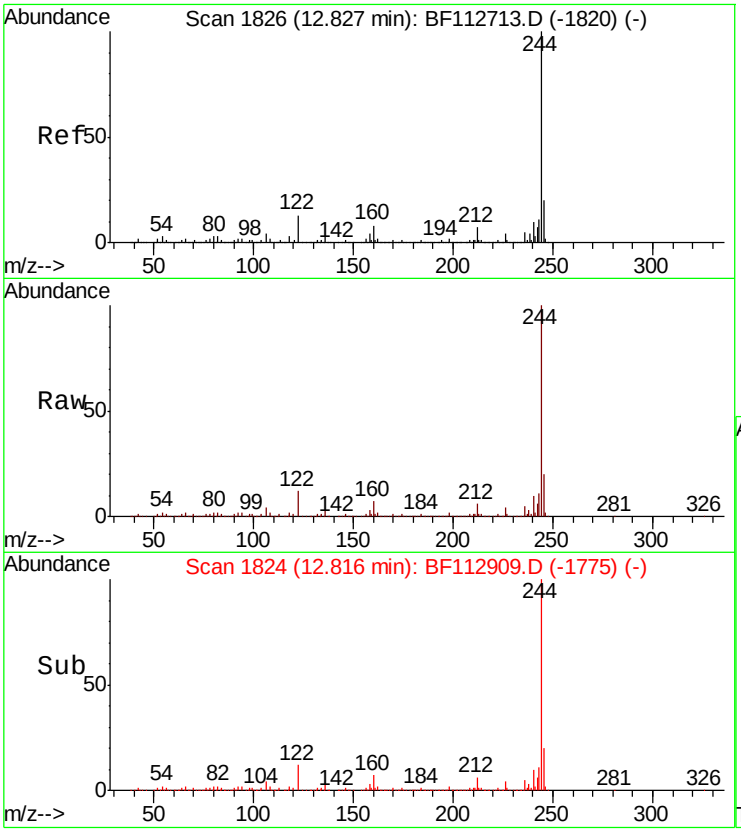


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:240 Resp: 496958

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	20.7	31.1



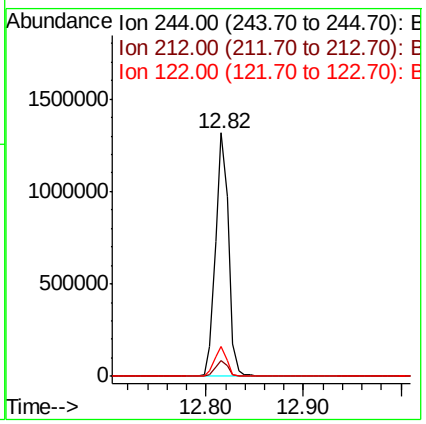


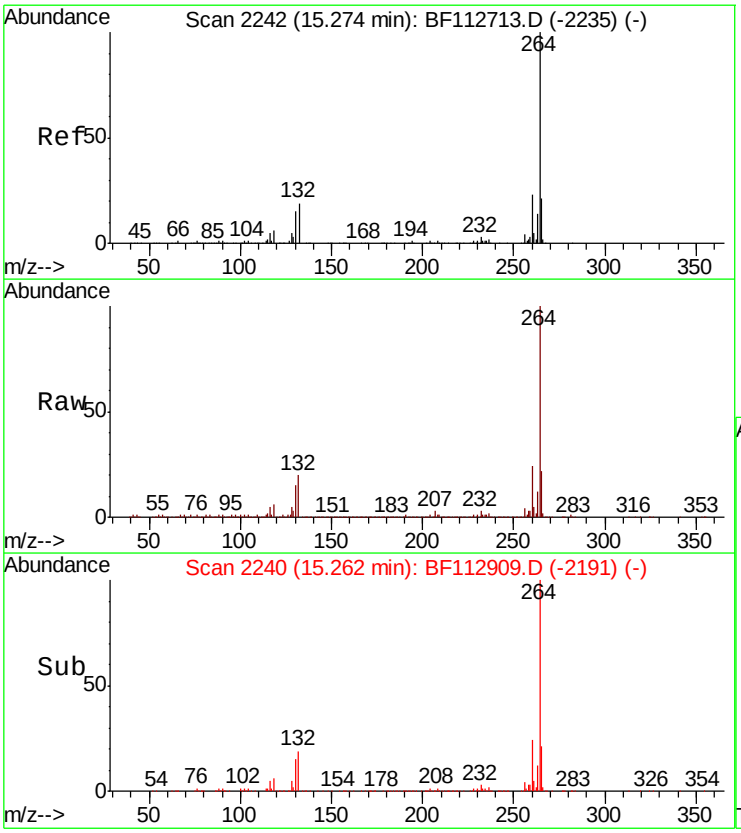
#79
Terphenyl-d14
Concen: 47.182 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:244 Resp: 1209573

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	12.2	10.5	15.7

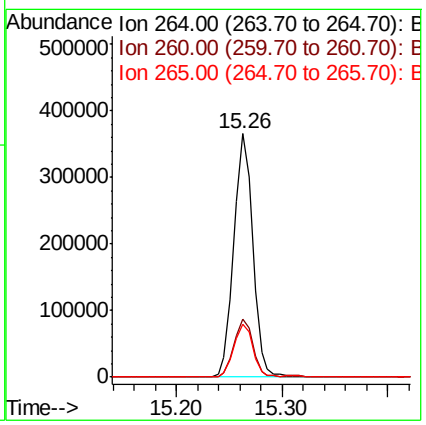


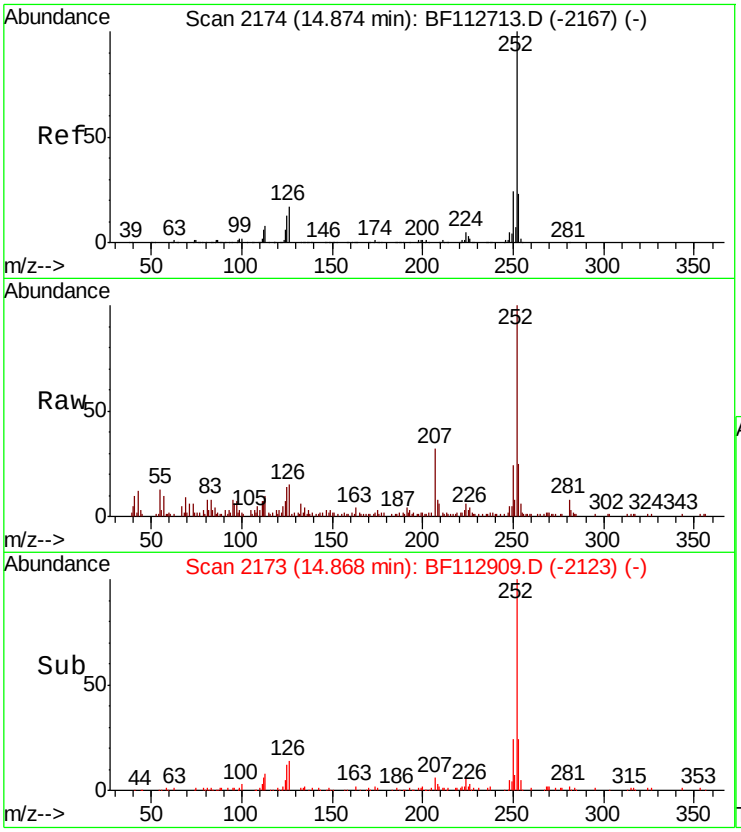


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:264 Resp: 451057

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.2	25.8



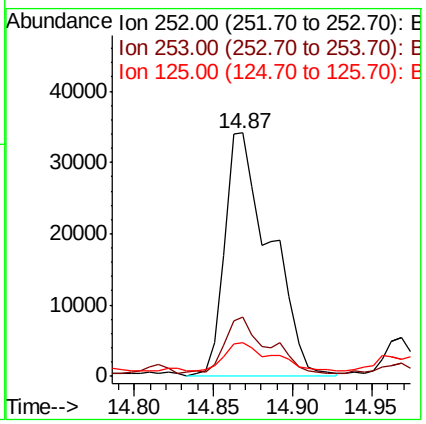


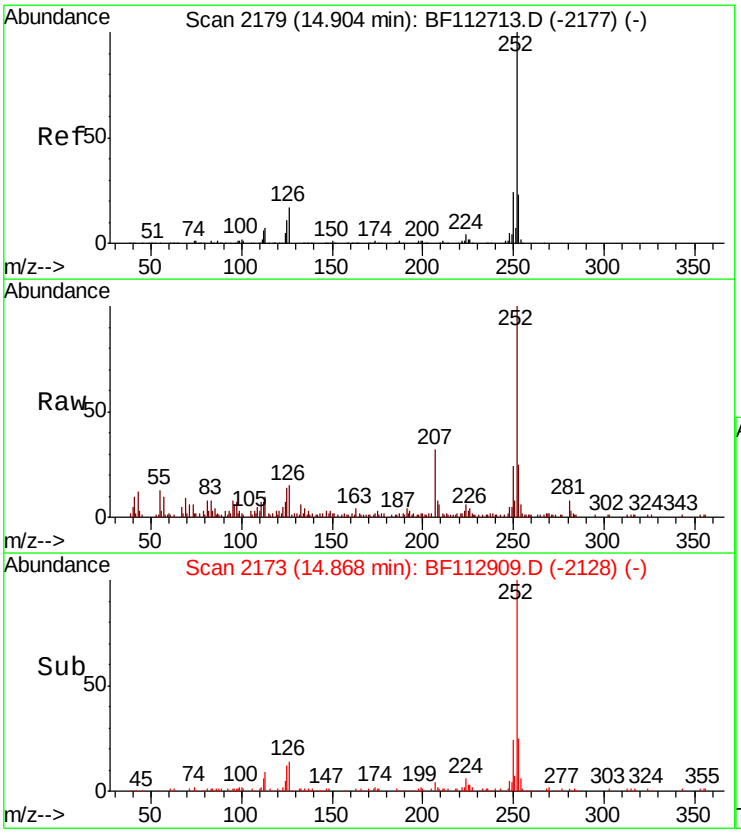
#88
Benzo(b)fluoranthene
Concen: 2.330 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tgt Ion:252 Resp: 67993

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	14.1	10.2	15.2





#89
Benzo(k)fluoranthene
Concen: 2.573 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:252 Resp: 67993

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	14.1	9.8	14.6