Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113001.D
Acq On : 12 Mar 2019 14:26
Operator : JU/SJ
Sample : K1817-14RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B116-030619

Quant Time: Mar 13 03:56:12 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	191976	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	742711	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	364930	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	709040	20.00	ng		0.00
76) Chrysene-d12	13.86	240	465469	20.00	ng		0.00
87) Perylene-d12	15.27	264	472159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	910726	73.79	ng		0.00
7) Phenol-d6	6.37	99	1209485	78.02	ng		0.00
23) Nitrobenzene-d5	7.29	82	733325	59.08	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	378545	97.71	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1376844	57.37	ng		0.00
79) Terphenyl-d14	12.82	244	1290805	53.76	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	94336	9.608	ng	#	77
25) Isophorone	7.29	82	729689	27.288	ng	#	66
50) Dimethylphthalate	9.48	163	130773	4.860	ng		99
51) 2,6-Dinitrotoluene	9.76	165	46619	8.320	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	46619	6.693	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	658	4.817	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	20899	2.798	ng	#	1
71) Phenanthrene	11.26	178	119310	3.382	ng		97
75) Fluoranthene	12.44	202	160497	4.246	ng		95
78) Pyrene	12.67	202	186275	4.747	ng		98
81) Benzo(a)anthracene	13.89	228	73364	2.274	ng		96
83) Chrysene	13.89	228	73364	2.322	ng		99
88) Benzo(b)fluoranthene	14.87	252	99540	3.259	ng		97
89) Benzo(k)fluoranthene	14.87	252	99540	3.598	ng		97
90) Benzo(a)pyrene	15.21	252	57833	2.141	ng		99

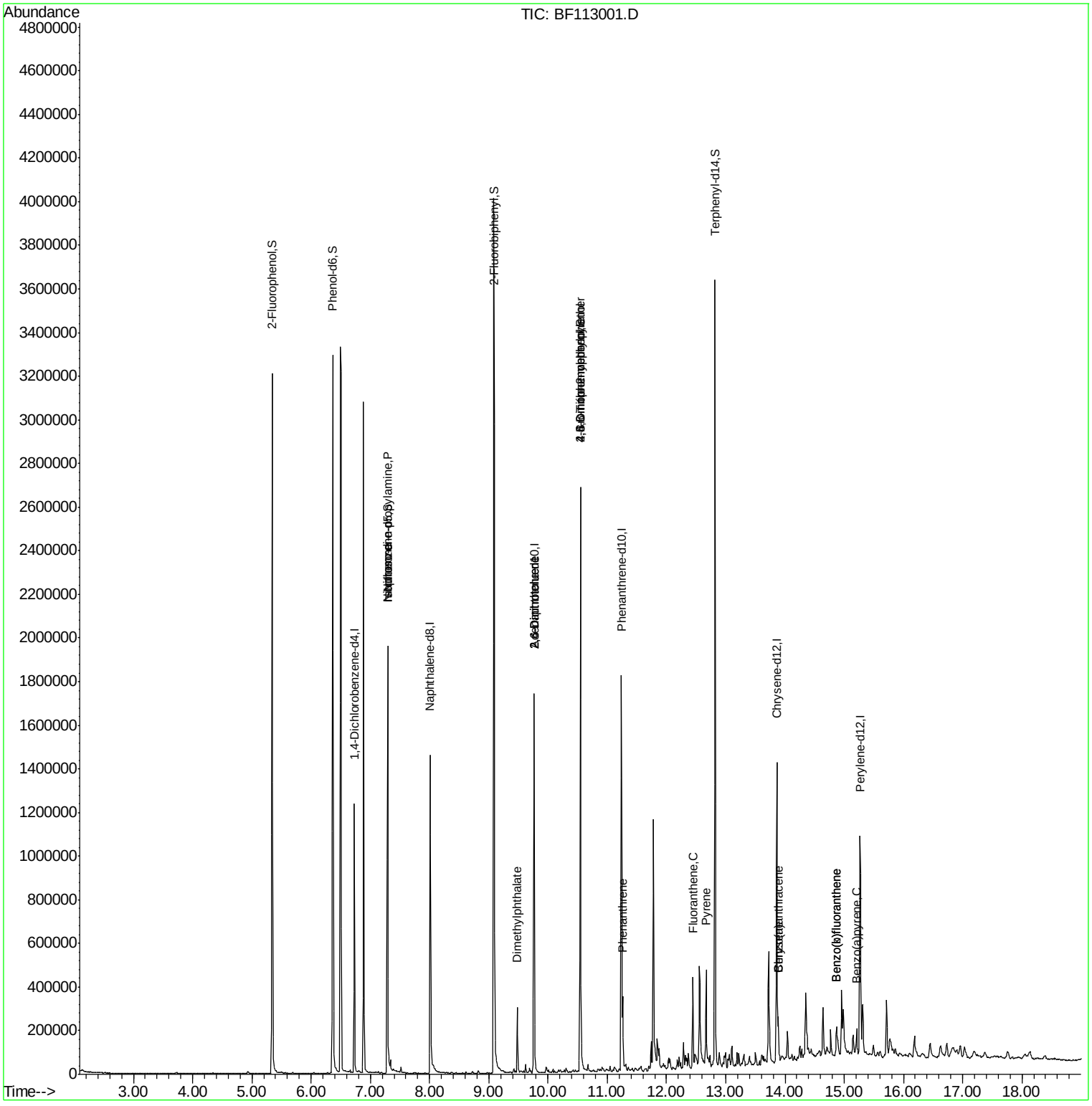
(#) = qualifier out of range (m) = manual integration (+) = signals summed

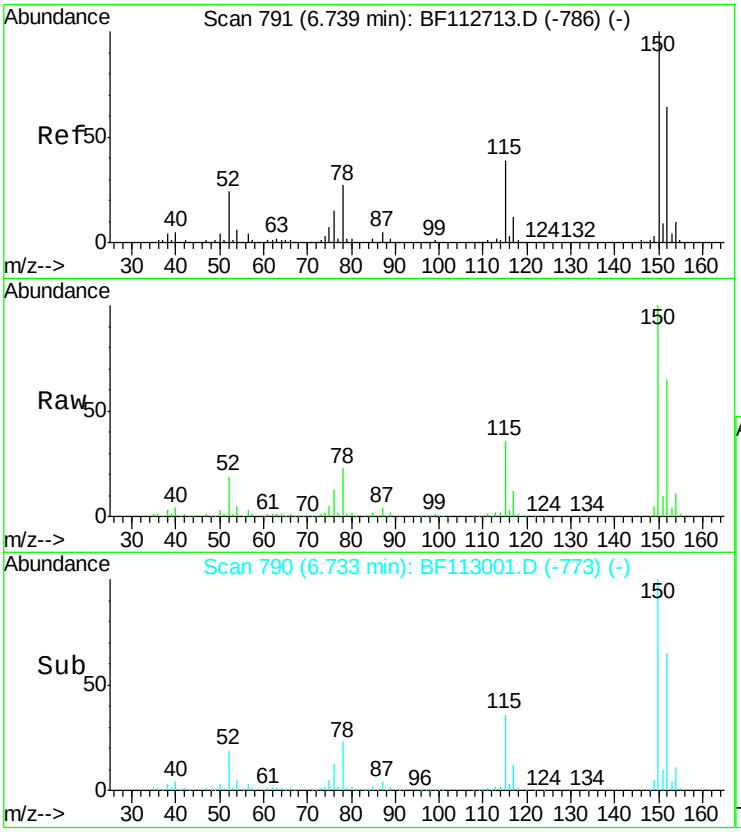
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113001.D
Acq On : 12 Mar 2019 14:26
Operator : JU/SJ
Sample : K1817-14RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Quant Time: Mar 13 03:56:12 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



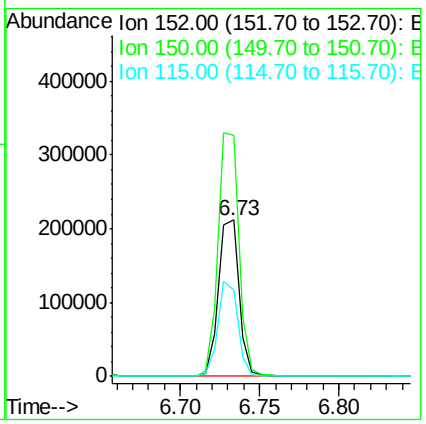


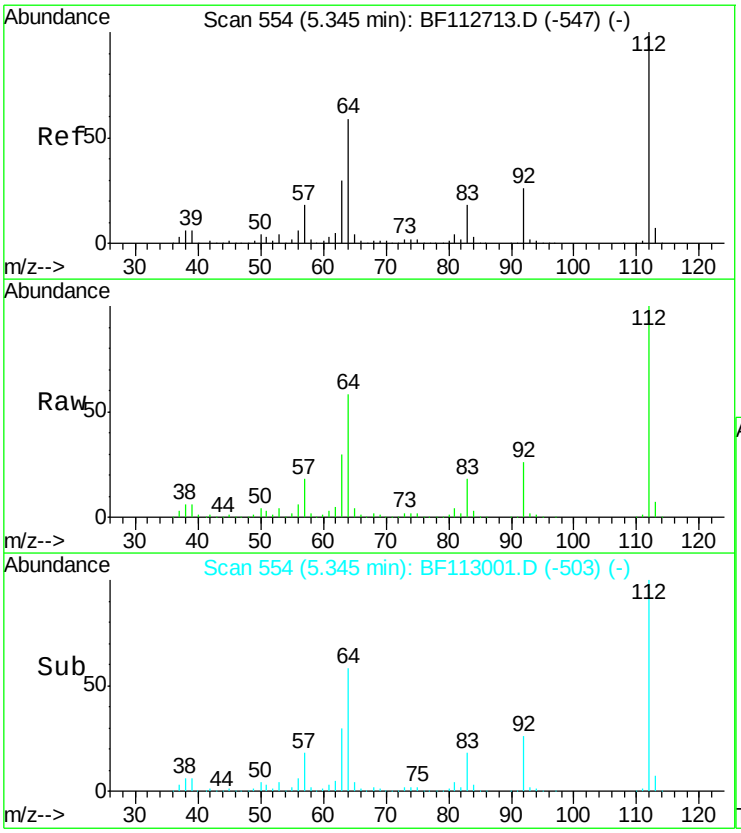
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:152 Resp: 191976

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	55.5	48.2	72.4

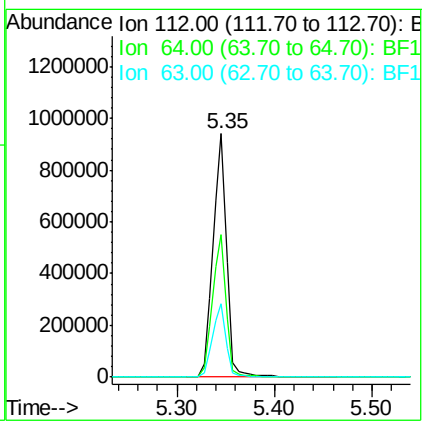


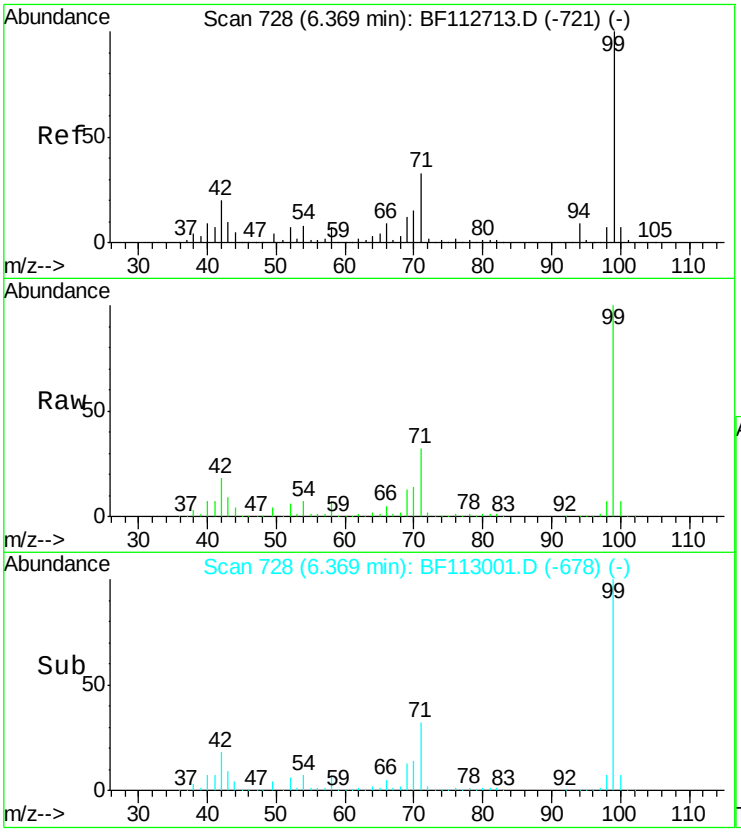


#5
2-Fluorophenol
Concen: 73.794 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:112 Resp: 910726

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	29.9	24.4	36.6



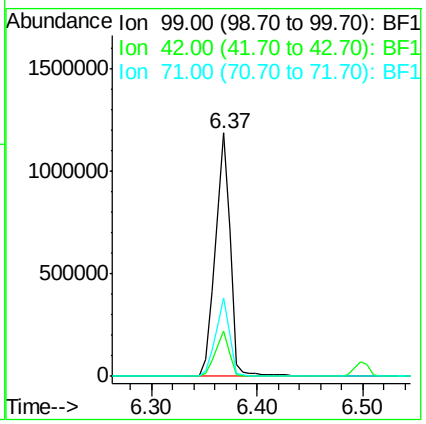


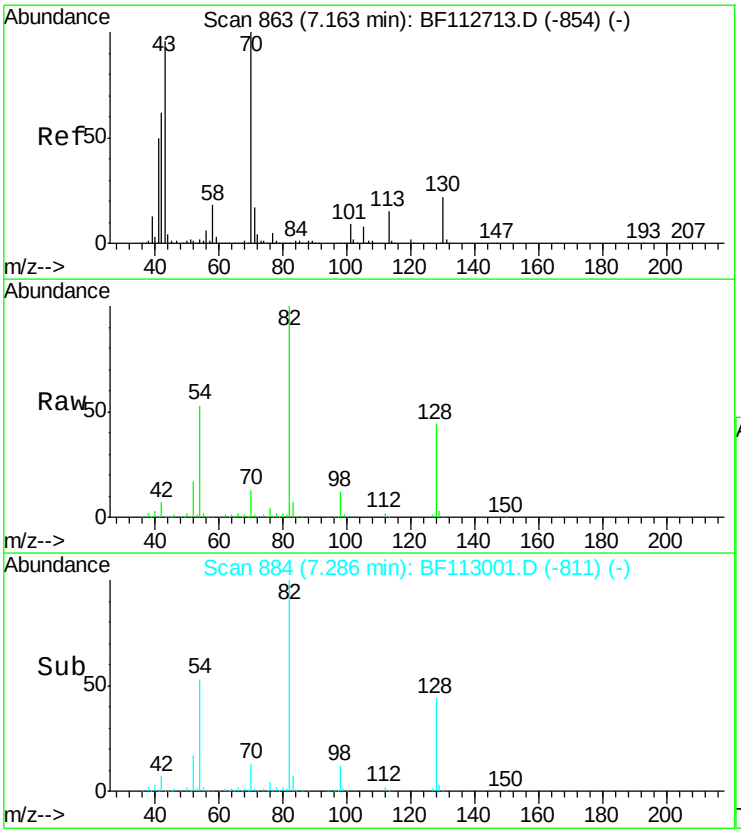
#7
Phenol-d6
Concen: 78.017 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion: 99 Resp: 1209485

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	32.5	26.2	39.4

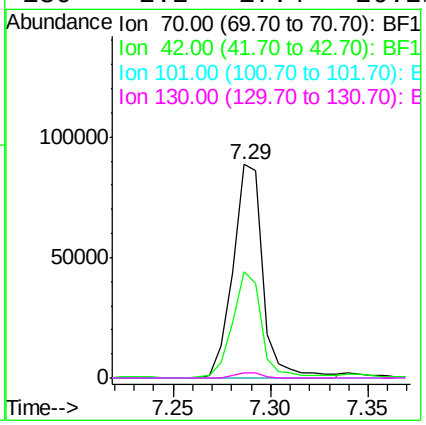


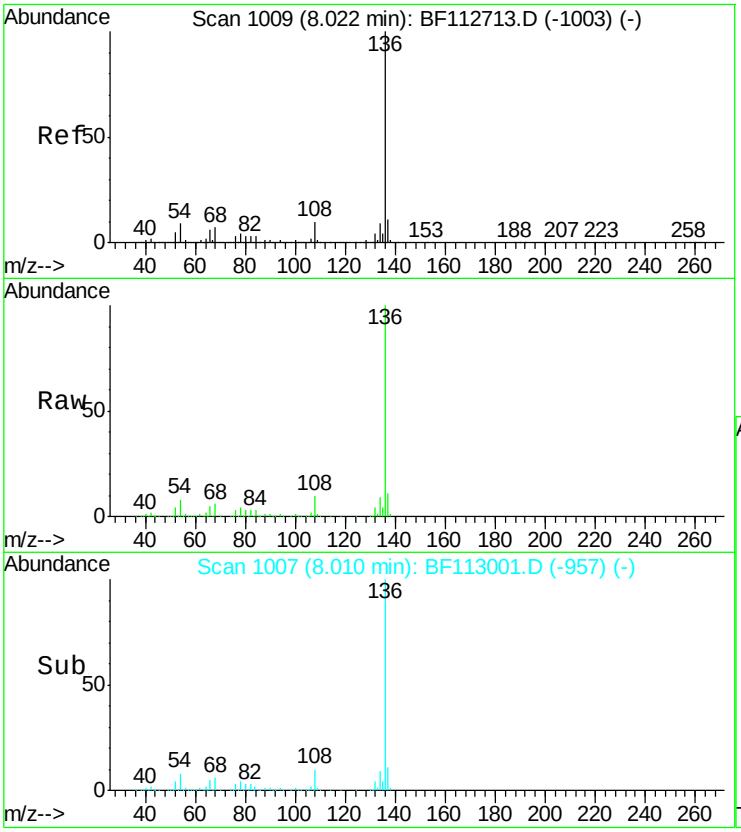


#19
n-Nitroso-di-n-propylamine
Concen: 9.608 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion: 70 Resp: 94336

Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



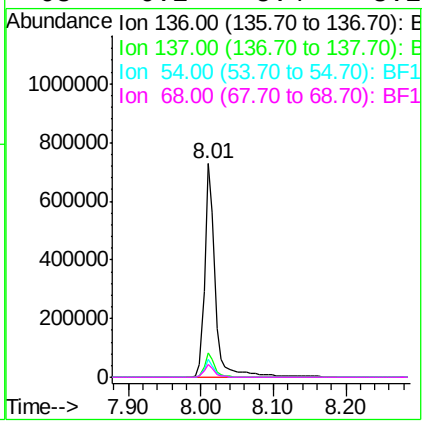


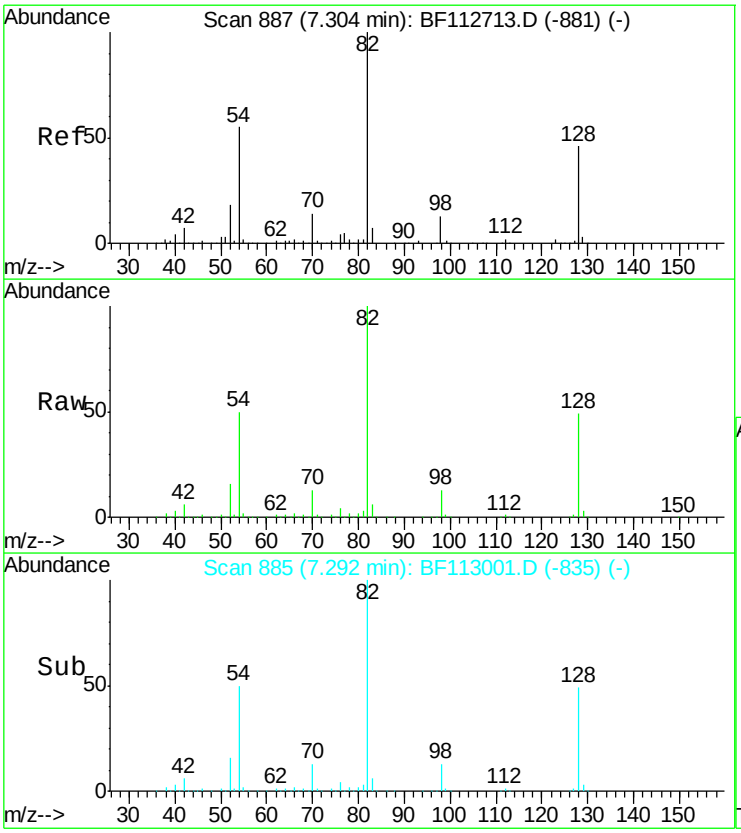
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:136 Resp: 742711

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.2	5.4	8.2

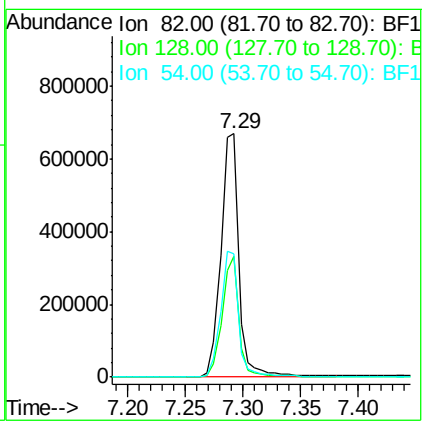


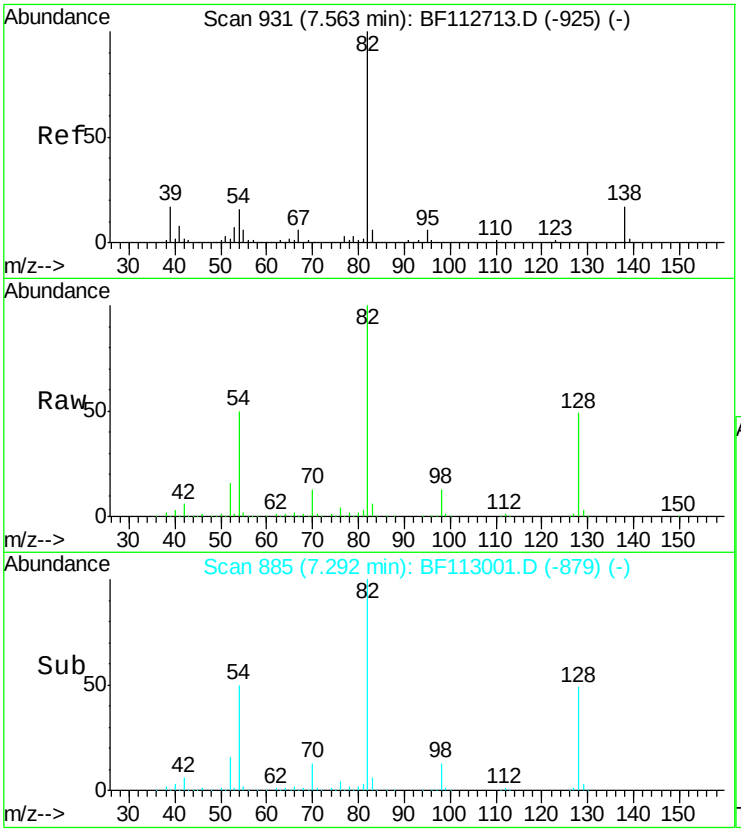


#23
Nitrobenzene-d5
Concen: 59.082 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion: 82 Resp: 733325

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.3	54.5
54	50.4	43.7	65.5



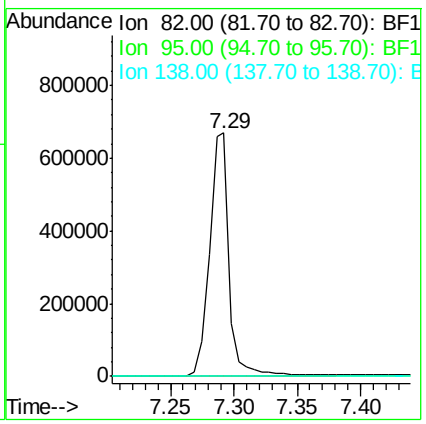


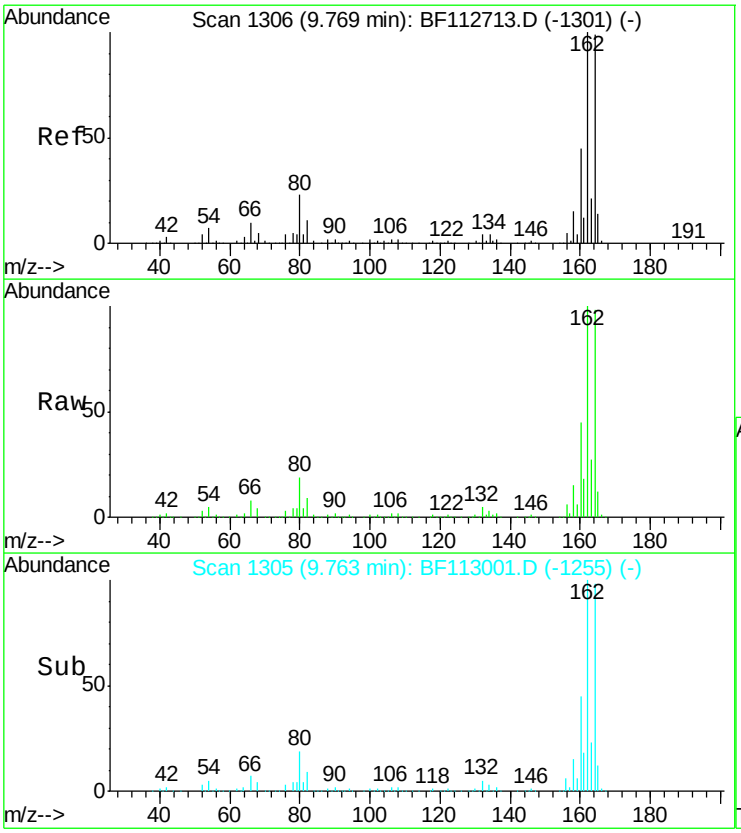
#25
Isophorone
Concen: 27.288 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion: 82 Resp: 729689

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

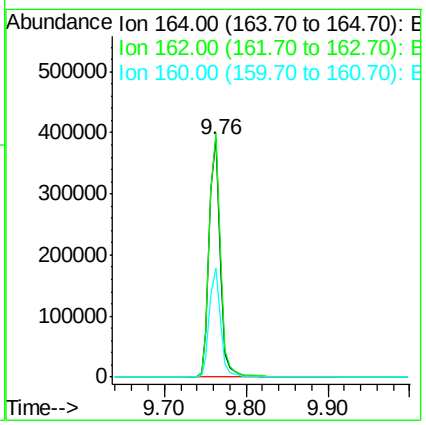


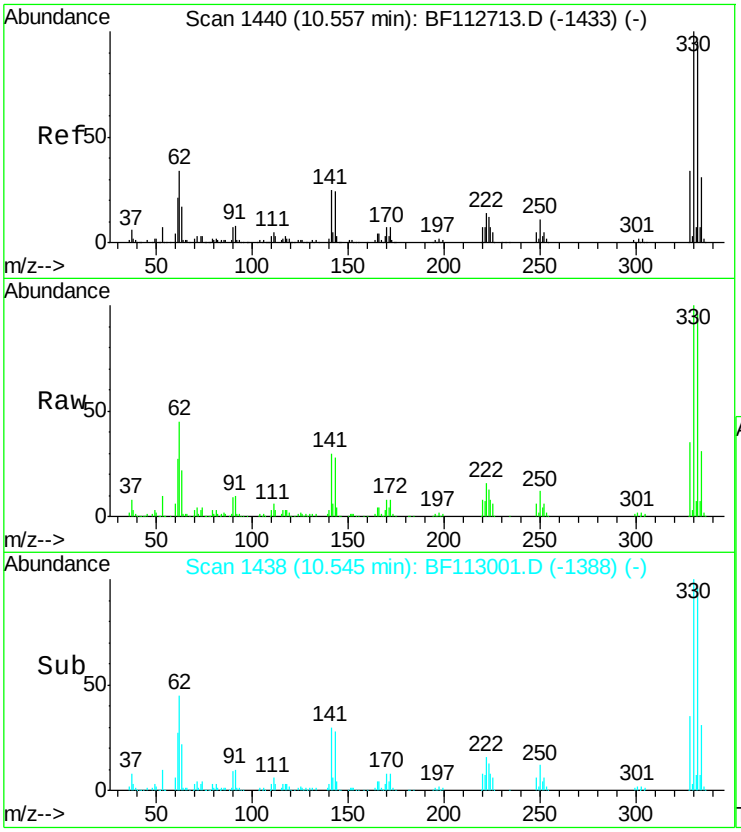


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:164 Resp: 364930

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.7	36.0	54.0



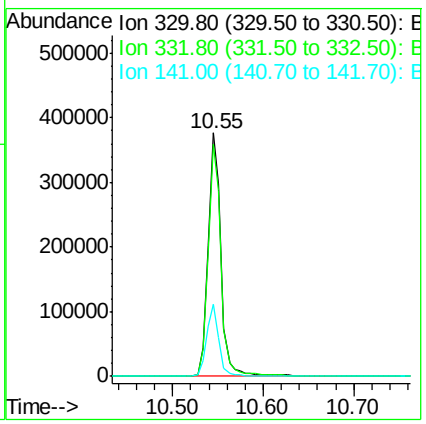


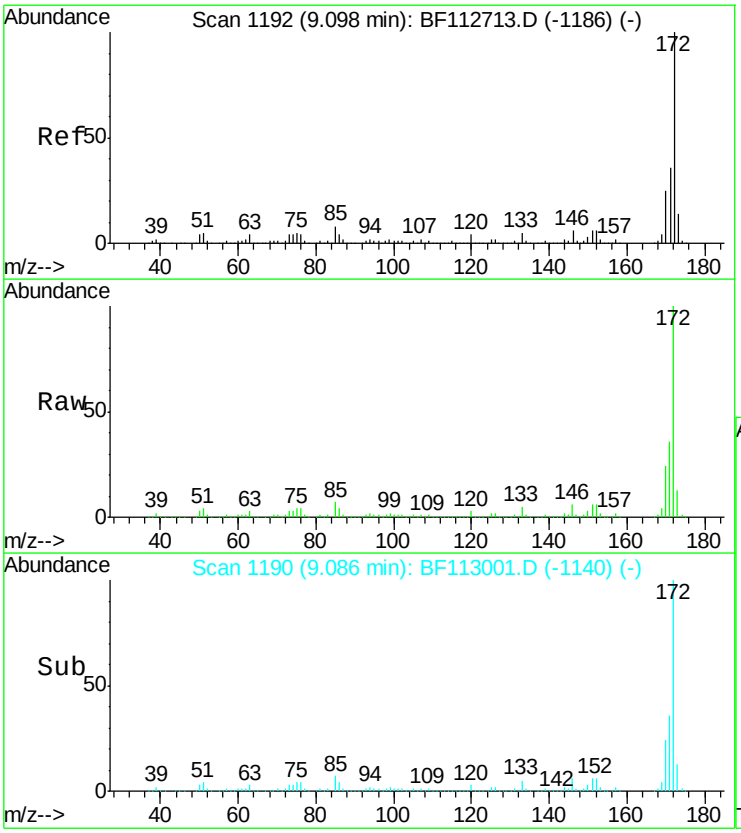
#42
2,4,6-Tribromophenol
Concen: 97.709 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:330 Resp: 378545

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	28.7	27.0	40.6

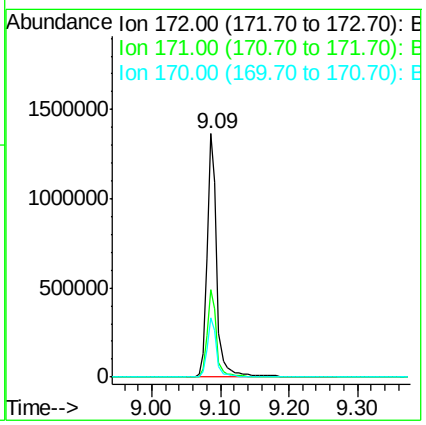


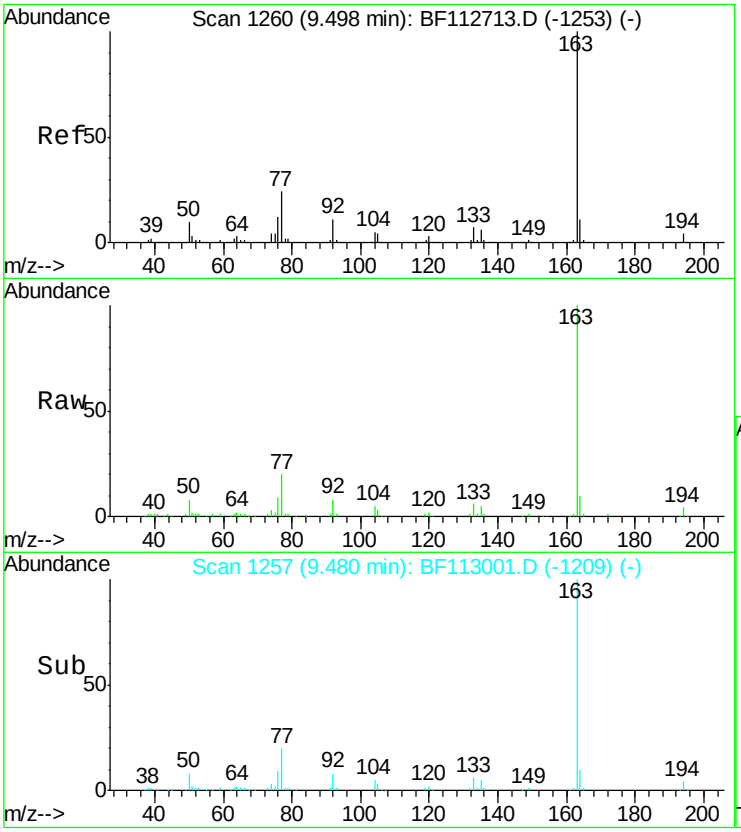


#45
2-Fluorobiphenyl
Concen: 57.367 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:172 Resp: 1376844

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.3	20.0	30.0



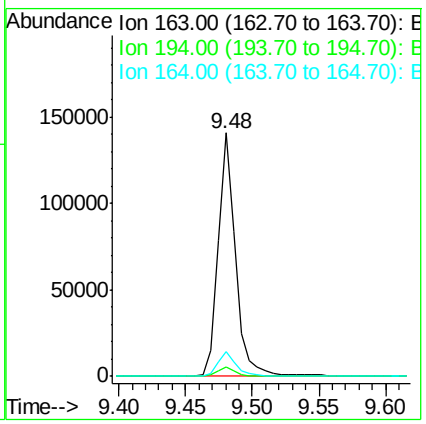


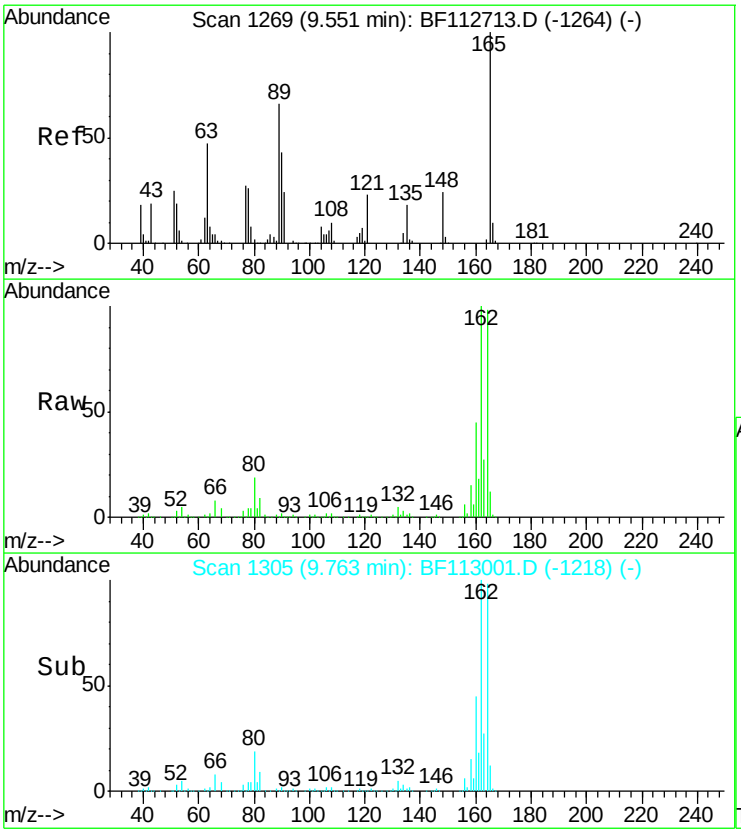
#50
Dimethylphthalate
Concen: 4.860 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:163 Resp: 130773

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.0	8.4	12.6

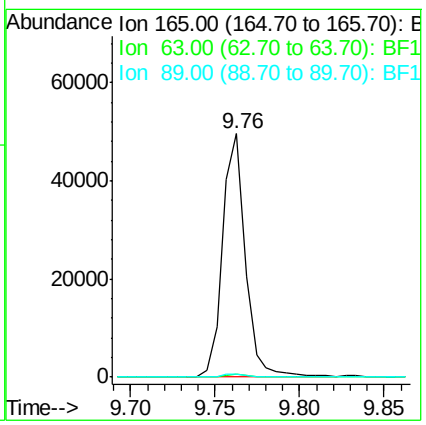


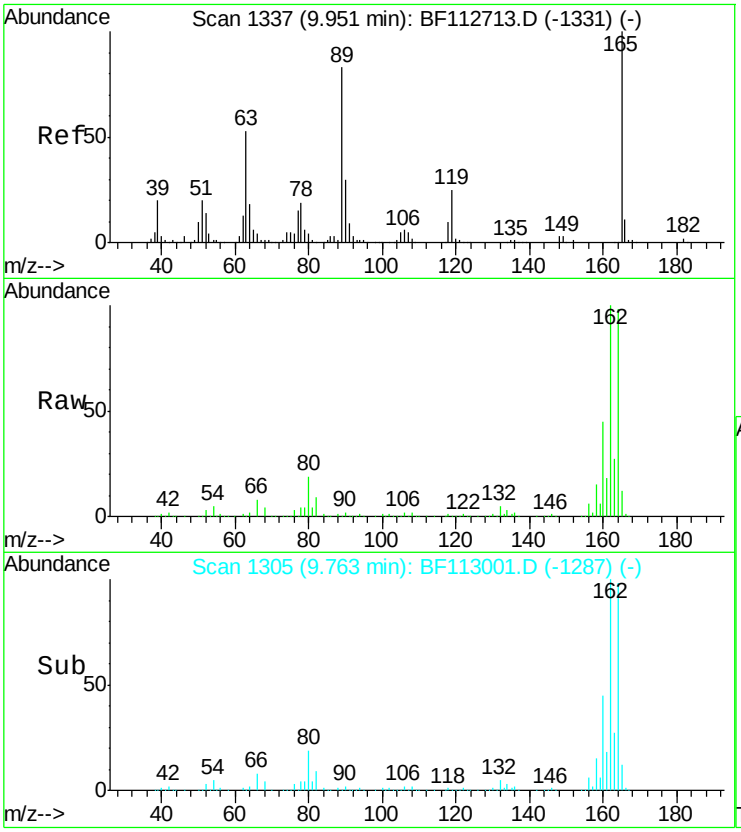


#51
2,6-Dinitrotoluene
Concen: 8.320 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:165 Resp: 46619

Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.5	52.8	79.2#



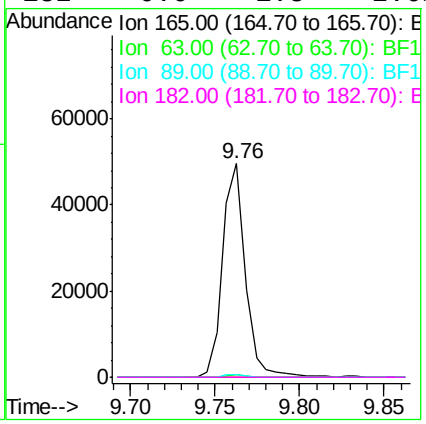


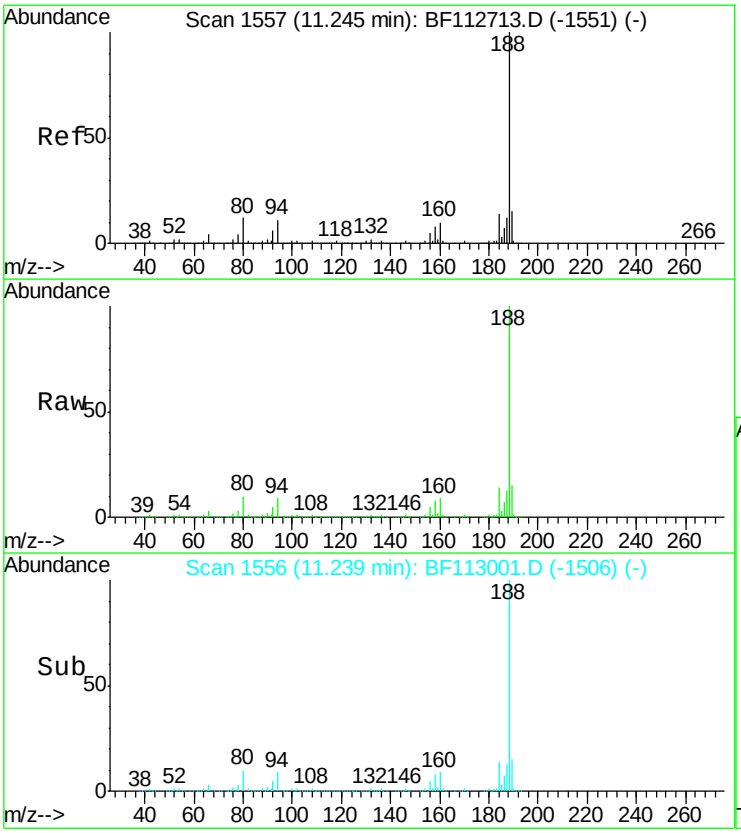
#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:165 Resp: 46619

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#

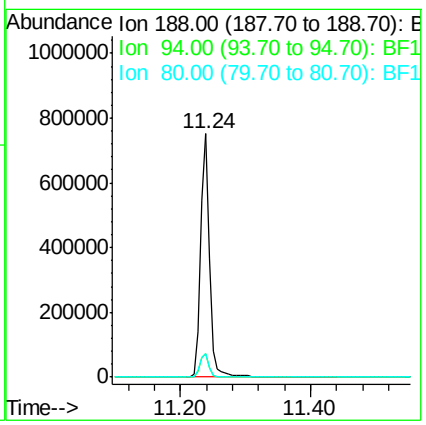


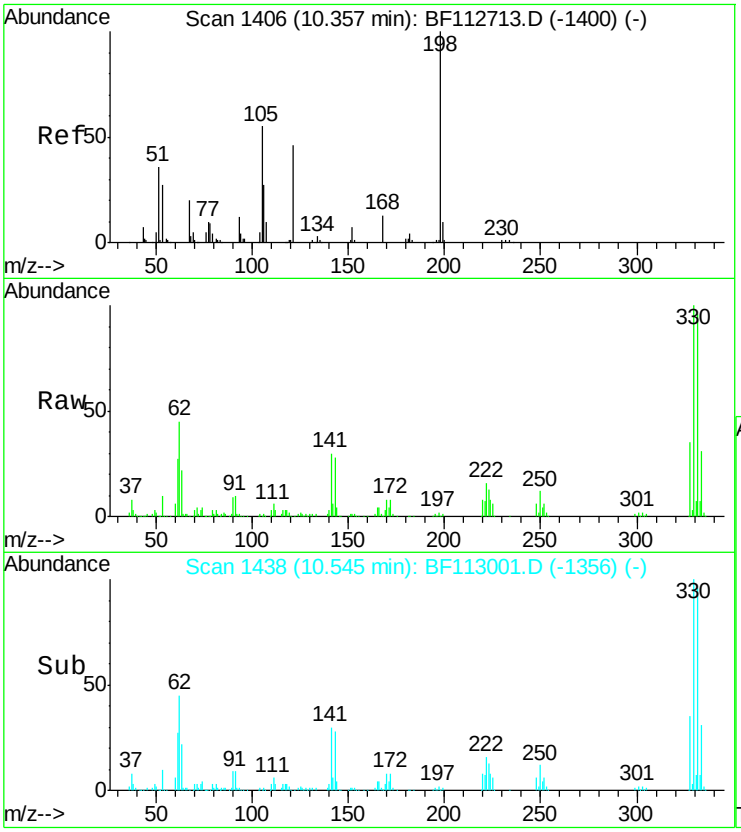


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:188 Resp: 709040

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.8	9.2	13.8



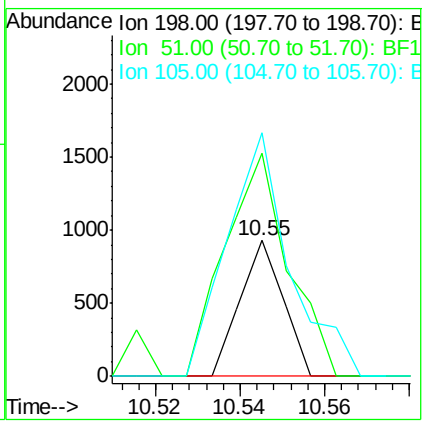


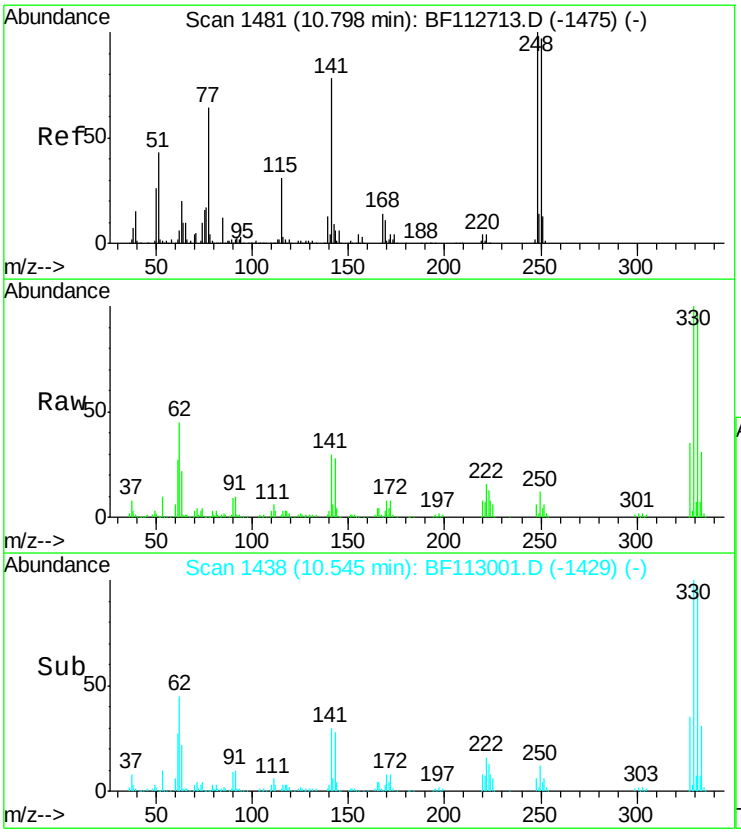
#65
4,6-Dinitro-2-methylphenol
Concen: 4.817 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:198 Resp: 658

Ion	Ratio	Lower	Upper
198	100		
51	164.4	43.8	83.8#
105	179.7	36.5	76.5#

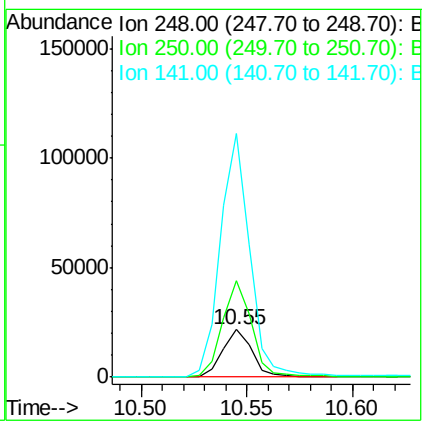


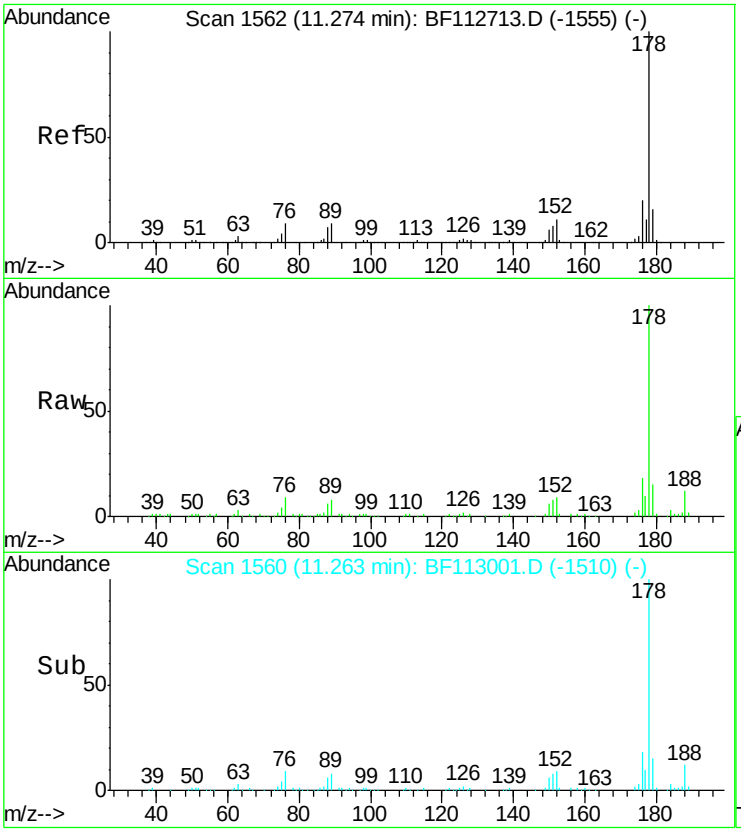


#67
4-Bromophenyl-phenylether
Concen: 2.798 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:248 Resp: 20899

Ion	Ratio	Lower	Upper
248	100		
250	201.0	77.5	116.3#
141	509.9	62.4	93.6#



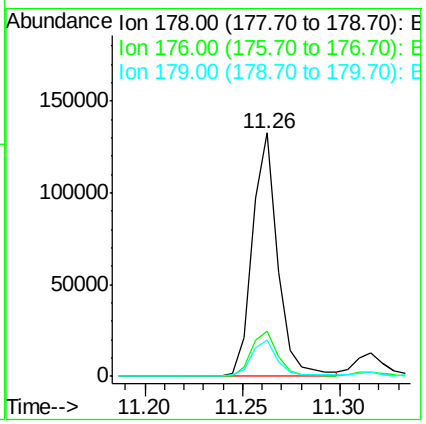


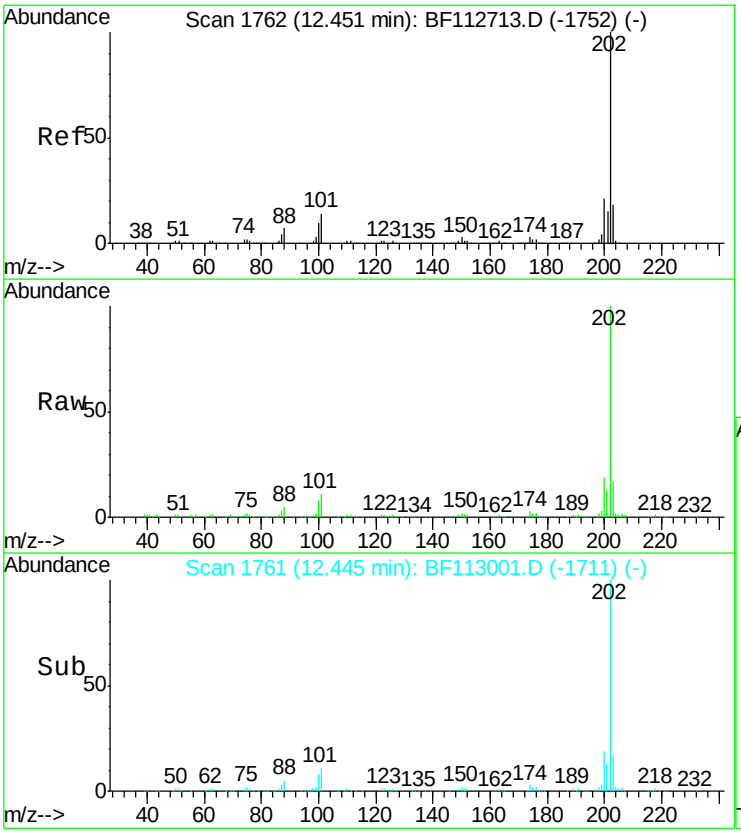
#71
Phenanthrene
Concen: 3.382 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:178 Resp: 119310

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.3	24.5
179	15.1	12.7	19.1

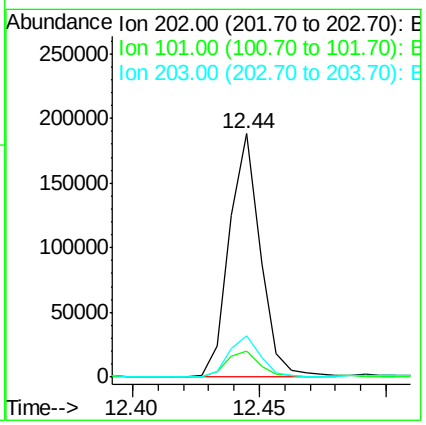


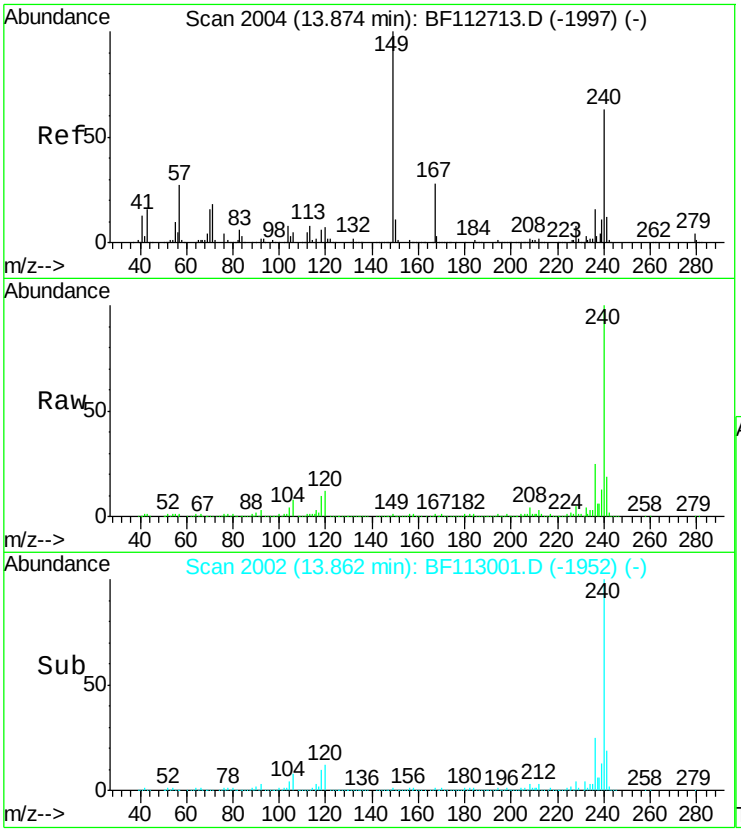


#75
Fluoranthene
Concen: 4.246 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:202 Resp: 160497

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	17.2	0.0	38.4



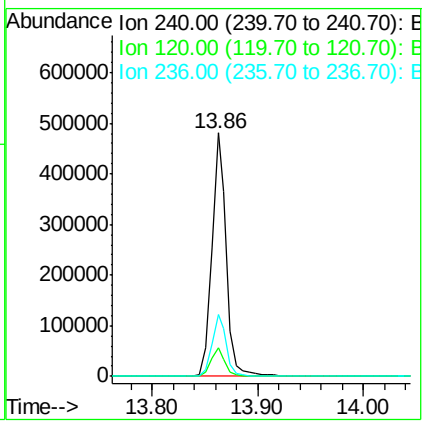


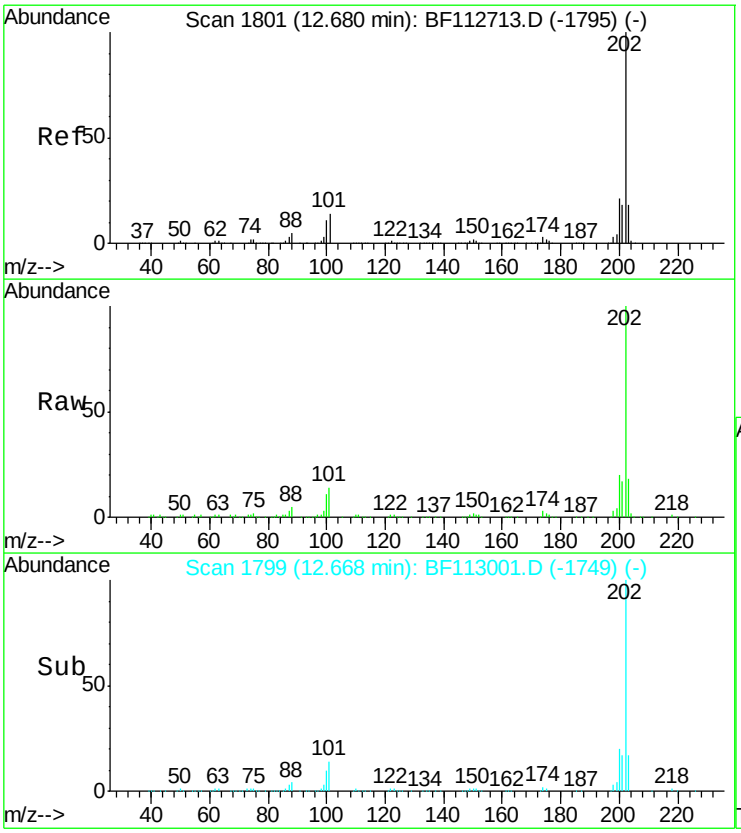
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:240 Resp: 465469

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.3	20.7	31.1

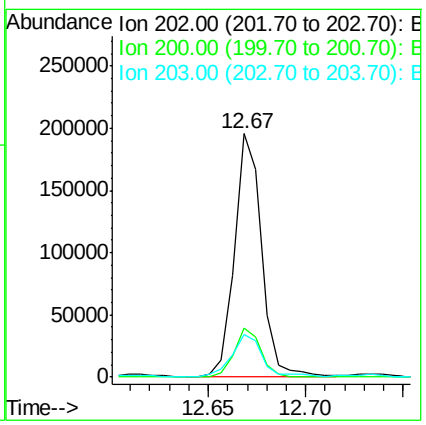


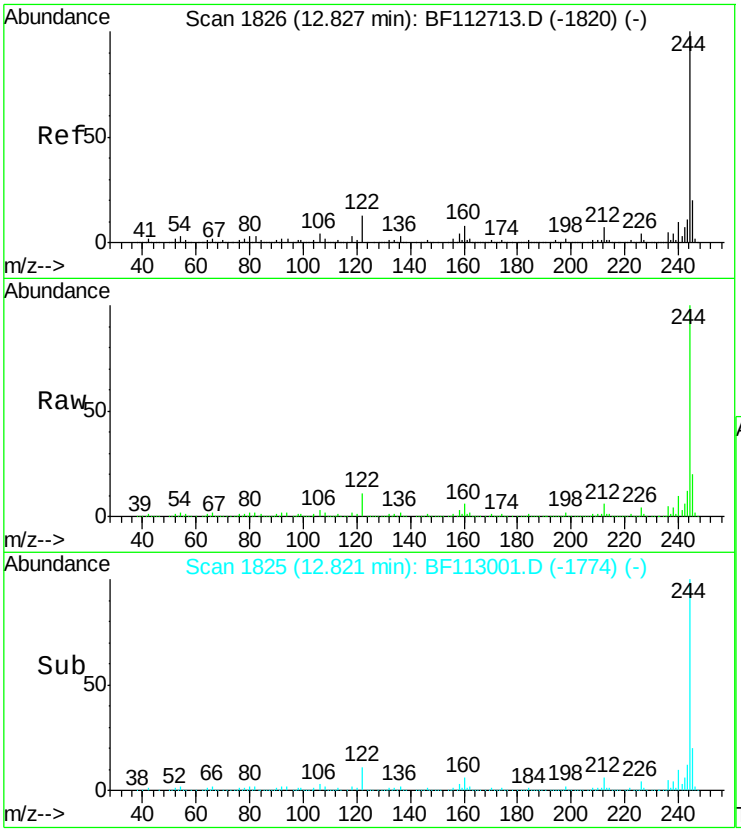


#78
Pyrene
Concen: 4.747 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:202 Resp: 186275

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.7	14.4	21.6



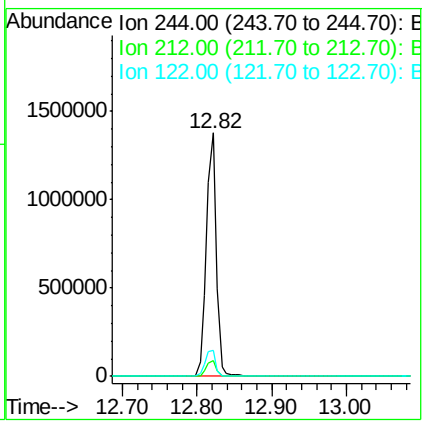


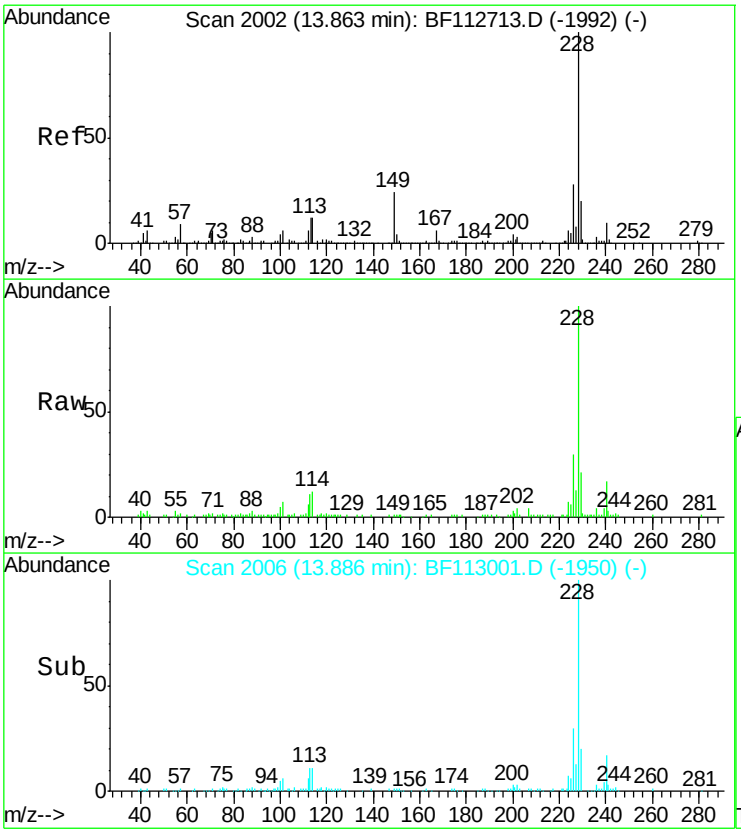
#79
Terphenyl-d14
Concen: 53.757 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:244 Resp: 1290805

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.6	10.5	15.7

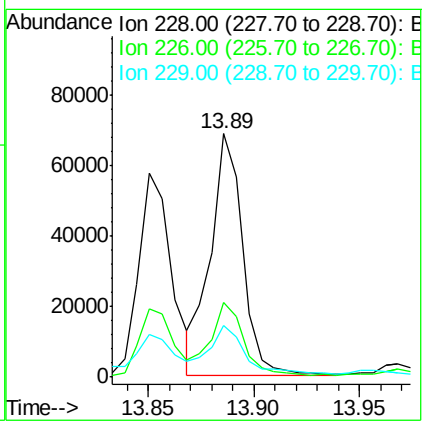


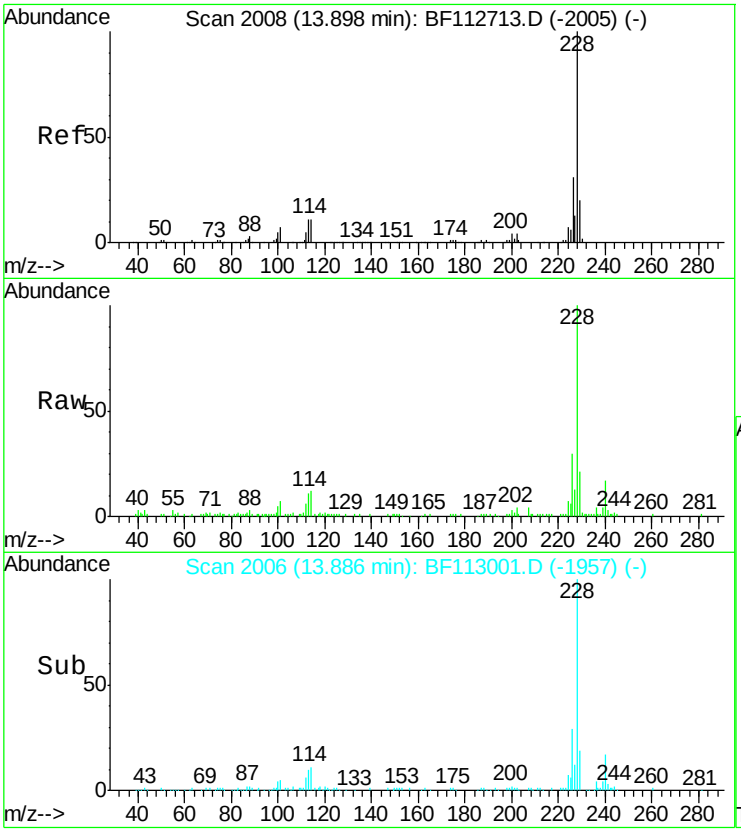


#81
Benzo(a)anthracene
Concen: 2.274 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:228 Resp: 73364

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.2	33.4
229	21.3	16.0	24.0



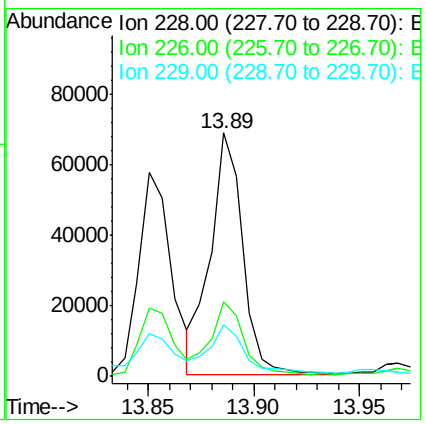


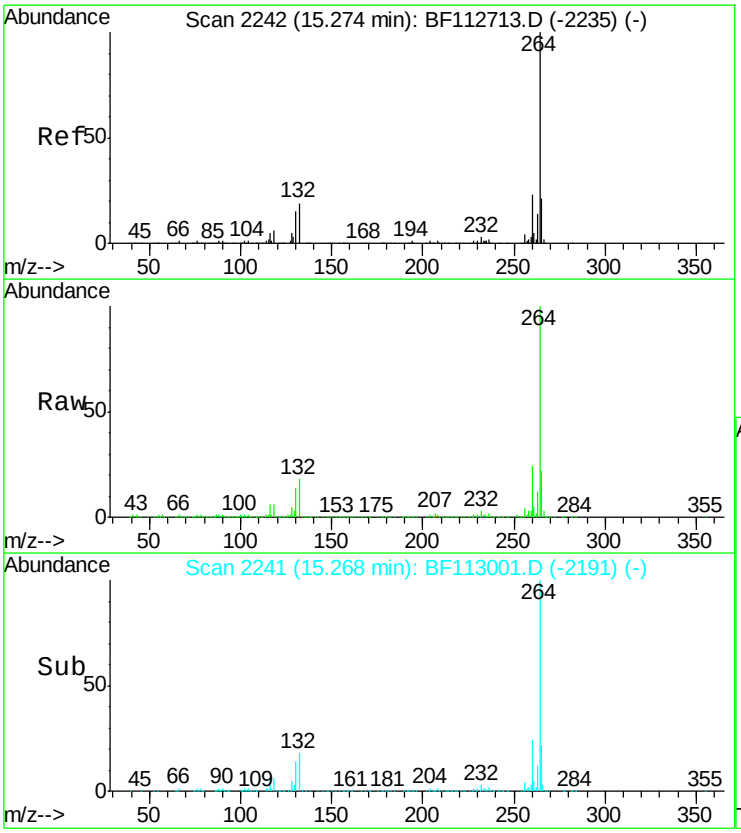
#83
Chrysene
Concen: 2.322 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:228 Resp: 73364

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.3	16.3	24.5

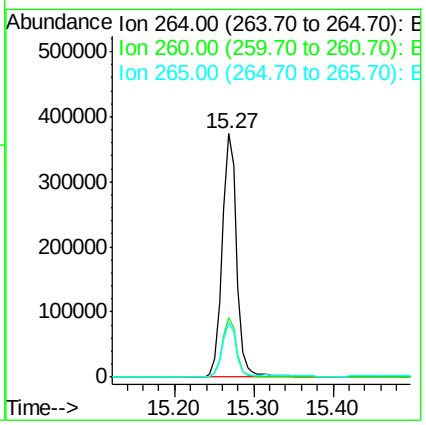


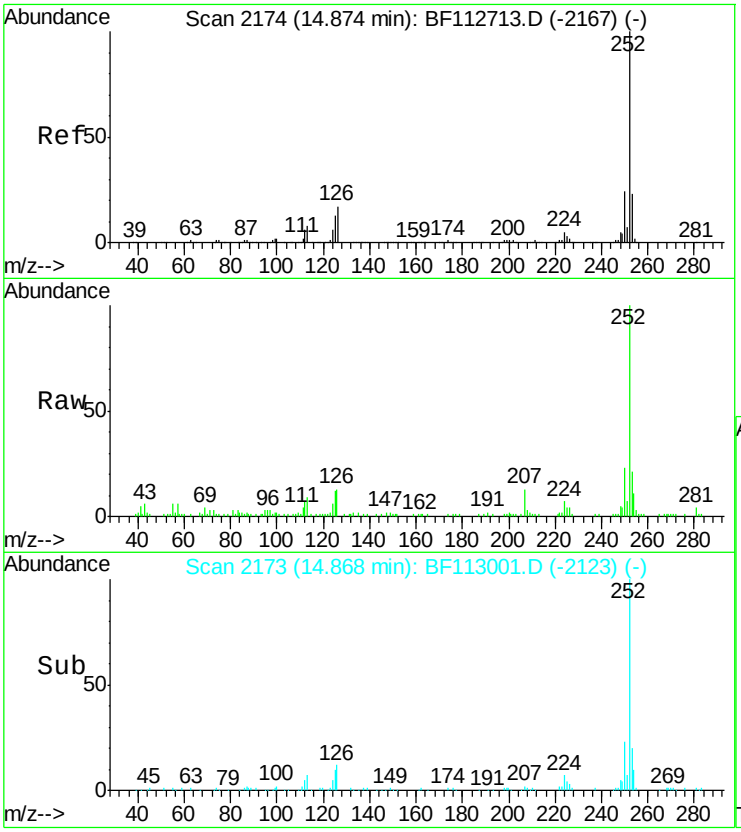


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:264 Resp: 472159

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.3	17.2	25.8



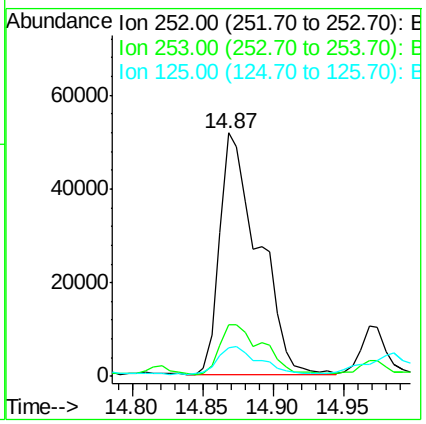


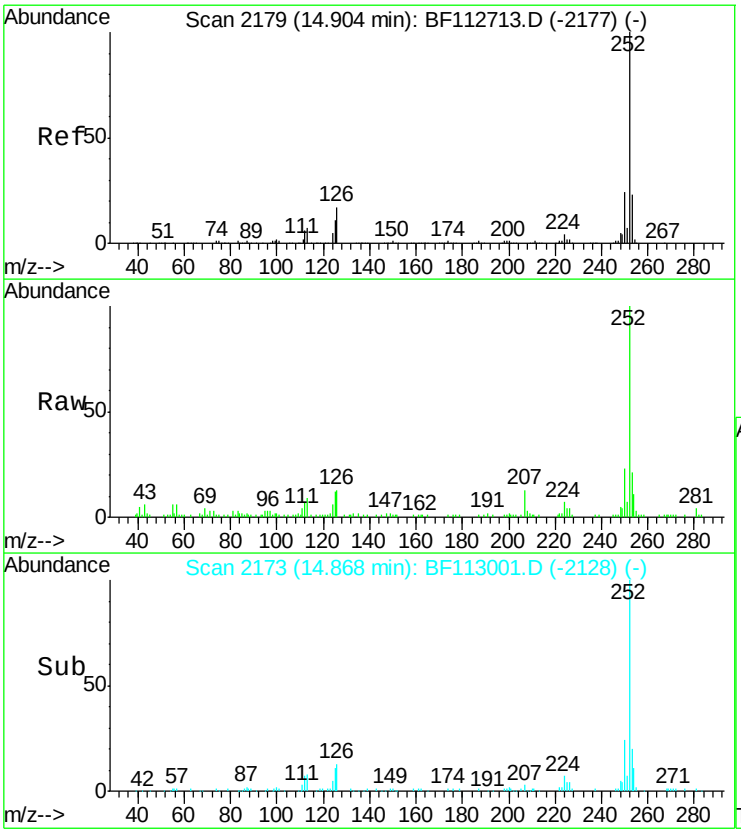
#88
Benzo(b)fluoranthene
Concen: 3.259 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:252 Resp: 99540

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	11.7	10.2	15.2

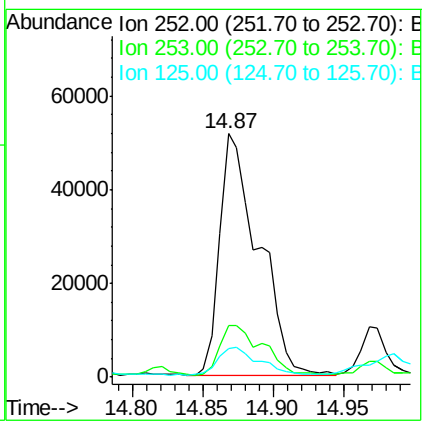


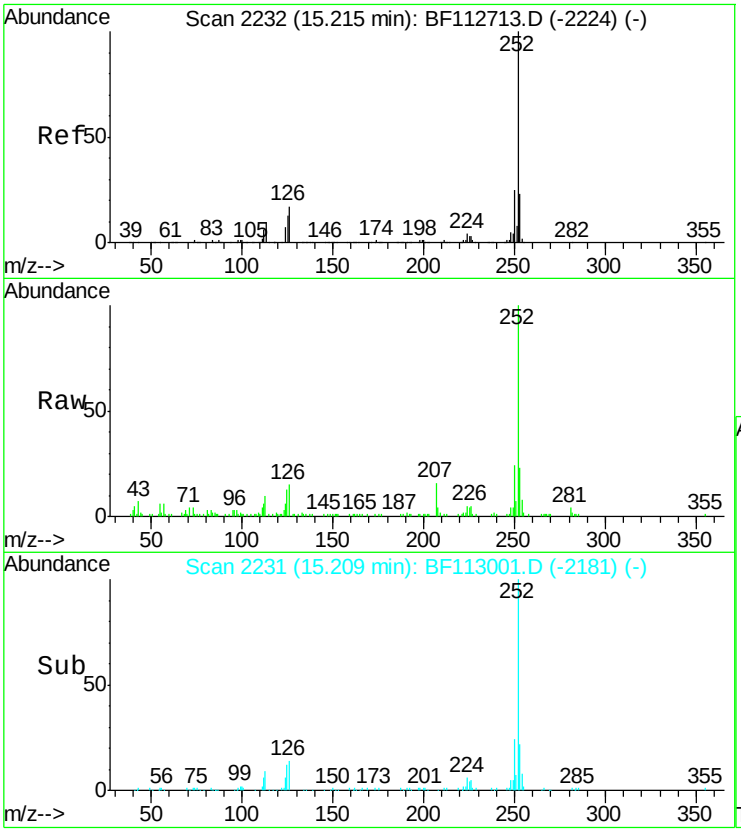


#89
Benzo(k)fluoranthene
Concen: 3.598 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion:252 Resp: 99540

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	11.7	9.8	14.6





#90
Benzo(a)pyrene
Concen: 2.141 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tgt Ion:252 Resp: 57833

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.1	10.7	16.1