Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ORG-031419

Quant Time: Mar 15 22:53:07 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	170089	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	632750	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	318455	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	667548	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	524340	20.00	ng		0.00
87) Perylene-d12	15.27	264	521371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1171712	107.16	ng		0.00
7) Phenol-d6	6.37	99	1524783	111.01	ng		0.00
23) Nitrobenzene-d5	7.29	82	921006	87.10	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	493832	146.07	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1558557	79.78	ng		0.00
79) Terphenyl-d14	12.82	244	1798893	66.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	49833	3.109	ng		91
18) Hexachloroethane	7.27	117	11671	2.416	ng	#	1
25) Isophorone	7.29	82	899967	39.505	ng	#	66
50) Dimethylphthalate	9.47	163	121252	5.164	ng		99
57) 2,4-Dinitrotoluene	9.76	165	40996	6.745	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	974	4.934	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	27887	3.966	ng	#	1
75) Fluoranthene	12.44	202	124164	3.489	ng		97
78) Pyrene	12.67	202	110555	2.501	ng		97
88) Benzo(b)fluoranthene	14.87	252	123891	3.674	ng		97
89) Benzo(k)fluoranthene	14.87	252	123891	4.056	ng		97
90) Benzo(a)pyrene	15.21	252	65945	2.211	ng		99

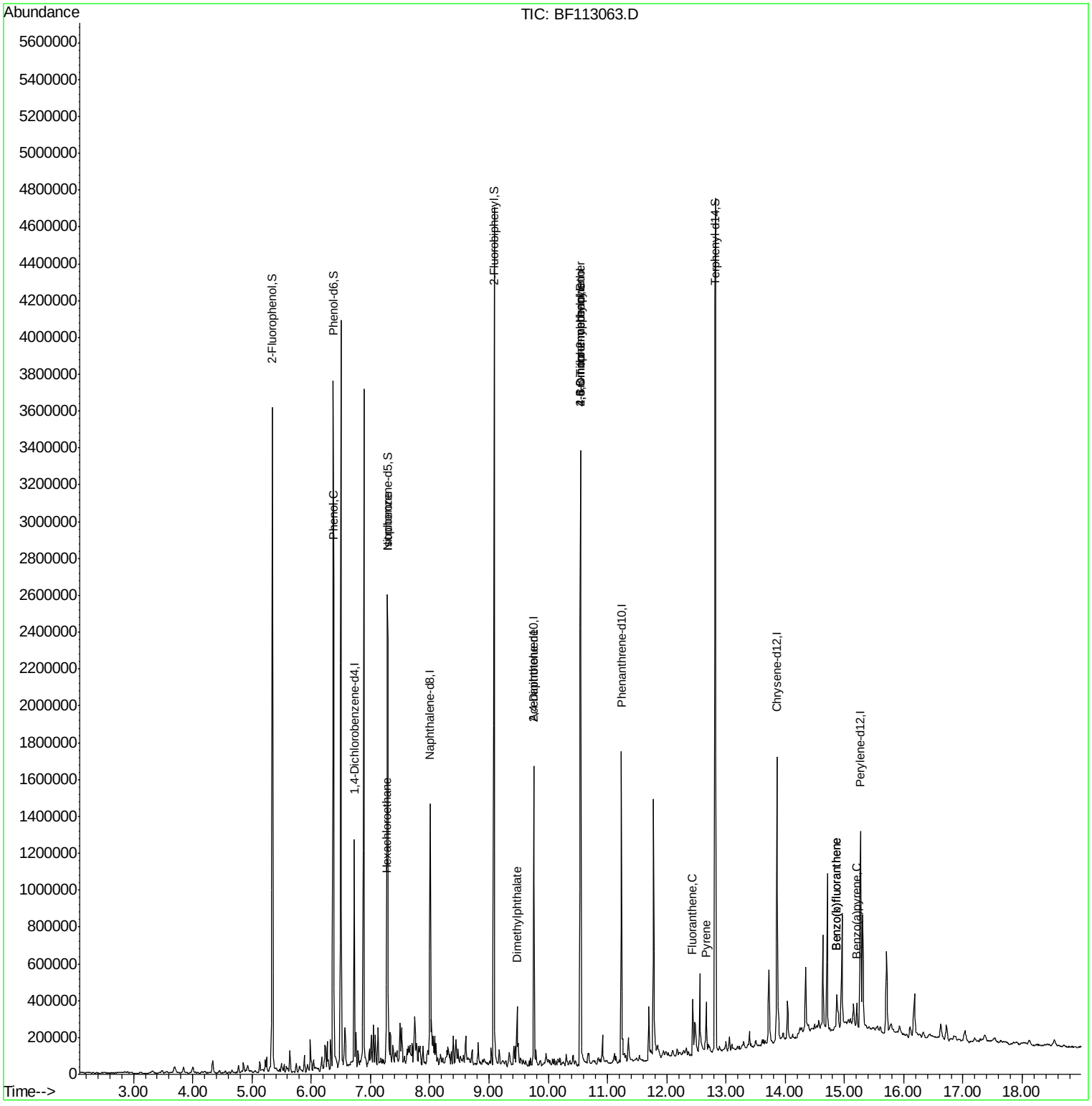
(#) = qualifier out of range (m) = manual integration (+) = signals summed

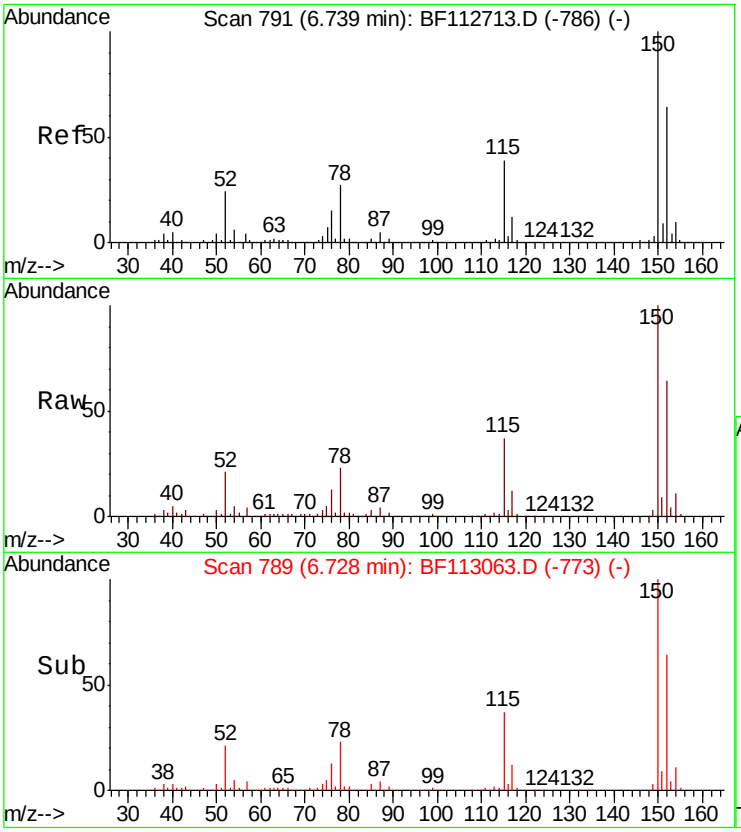
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Quant Time: Mar 15 22:53:07 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



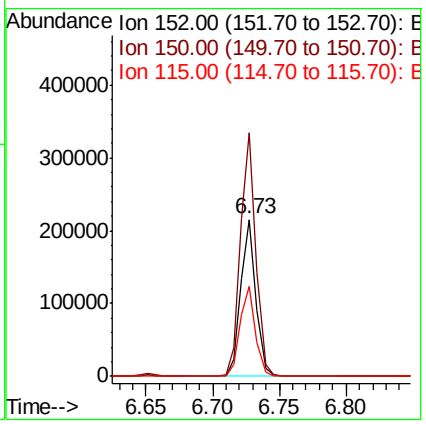


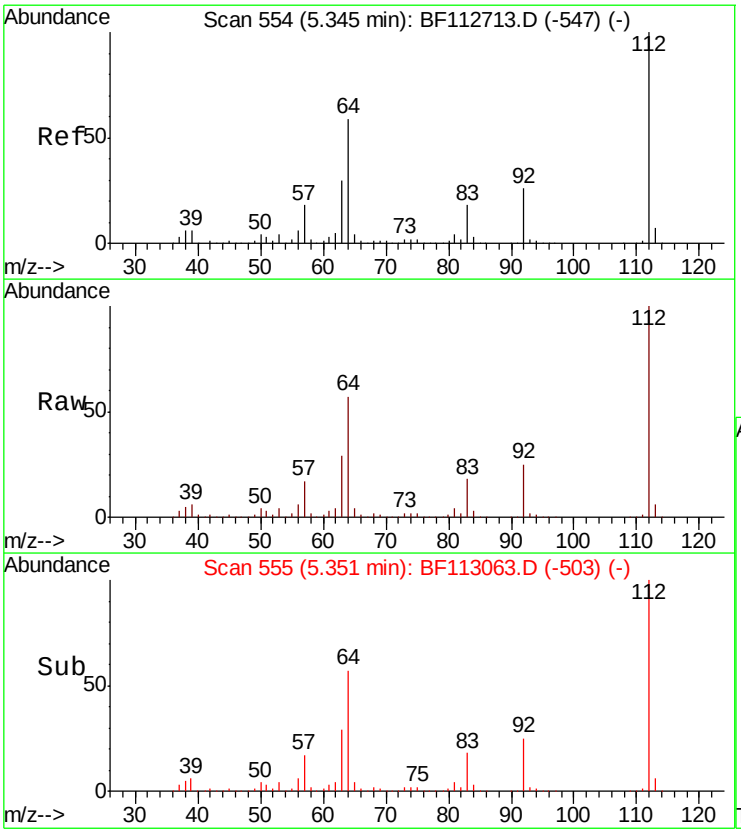
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:152 Resp: 170089

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	57.2	48.2	72.4

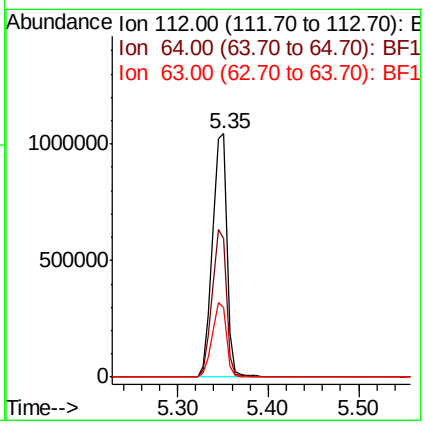


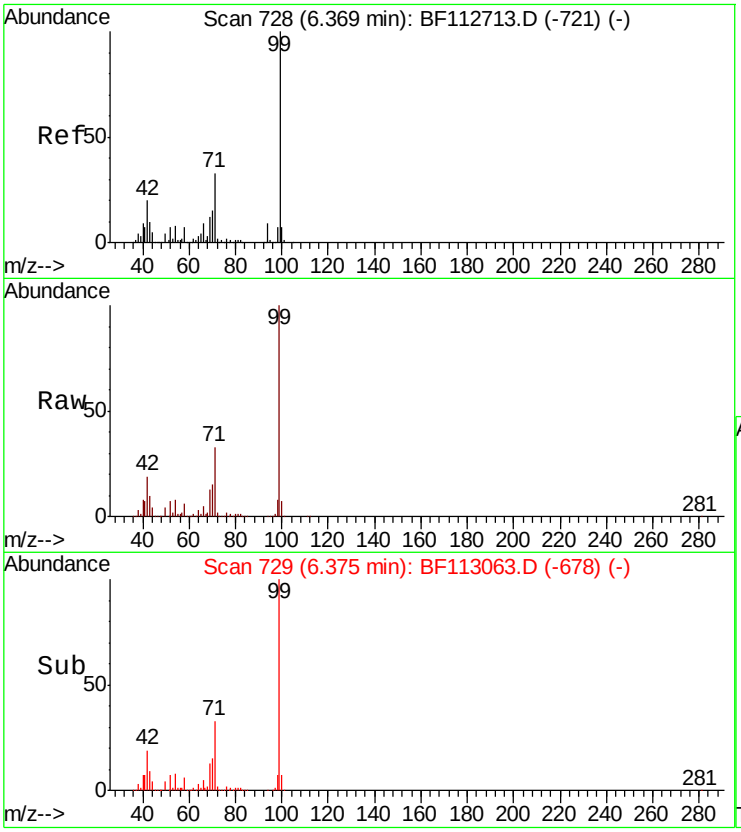


#5
2-Fluorophenol
Concen: 107.159 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:112 Resp: 1171712

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.6	71.4
63	28.8	24.4	36.6



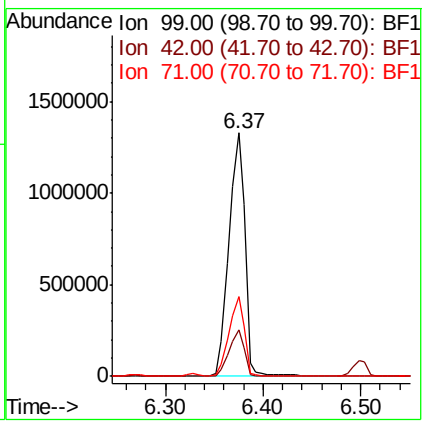


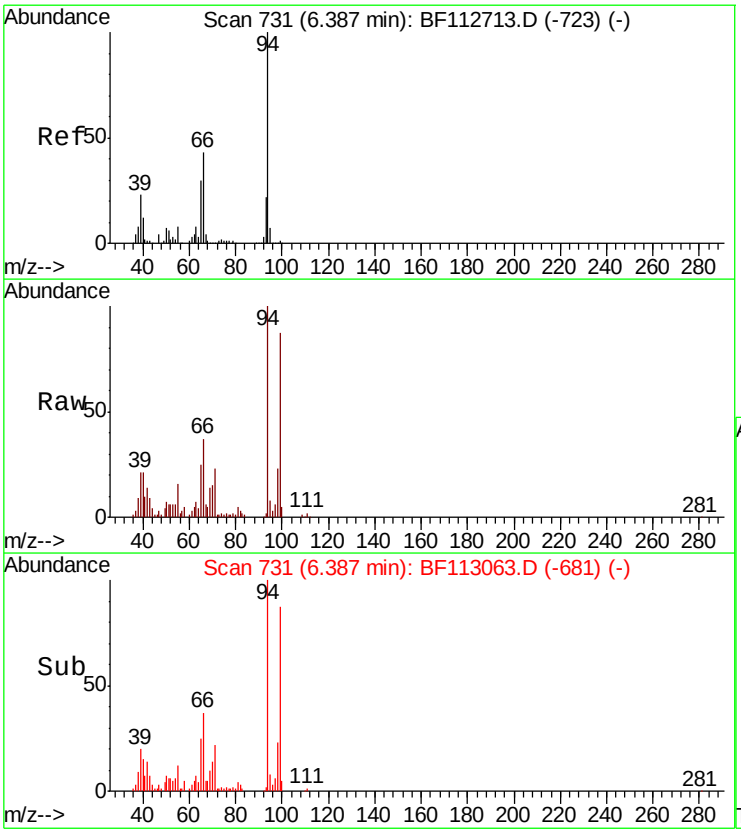
#7
Phenol-d6
Concen: 111.011 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion: 99 Resp: 1524783

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.3	24.5
71	33.0	26.2	39.4

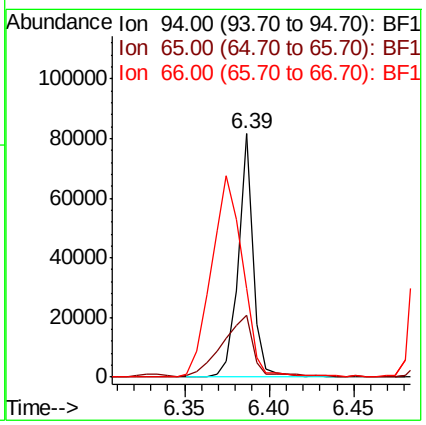


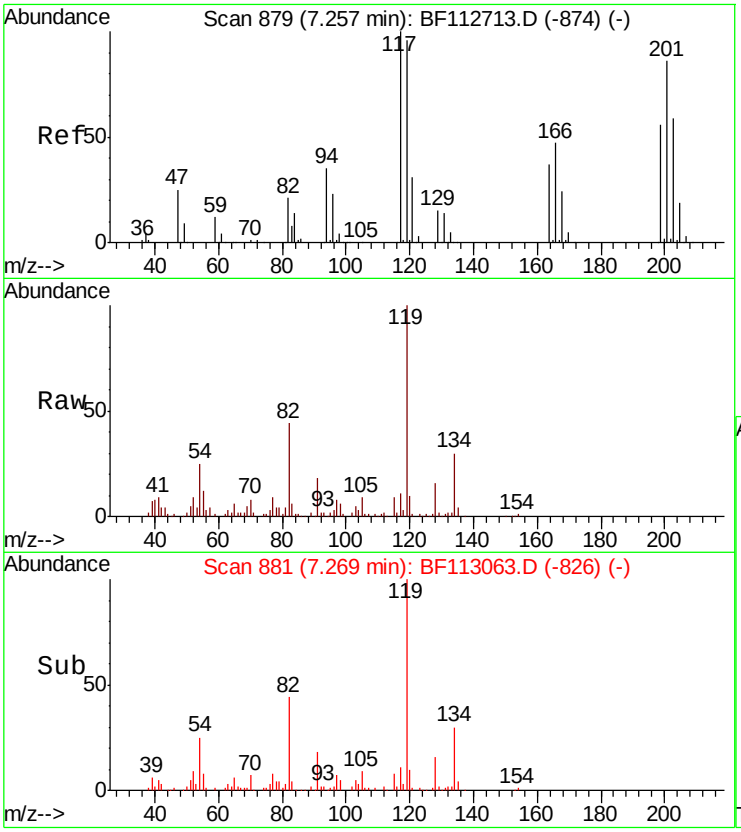


#10
Phenol
Concen: 3.109 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion: 94 Resp: 49833

Ion	Ratio	Lower	Upper
94	100		
65	25.5	10.5	50.5
66	36.6	22.6	62.6



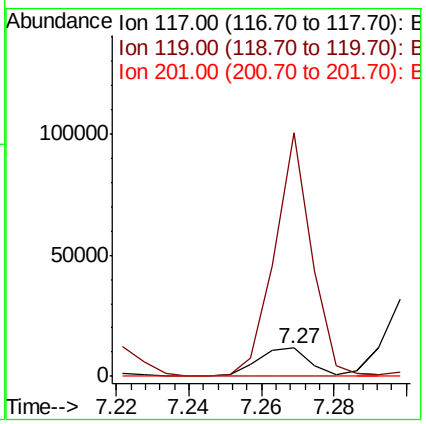


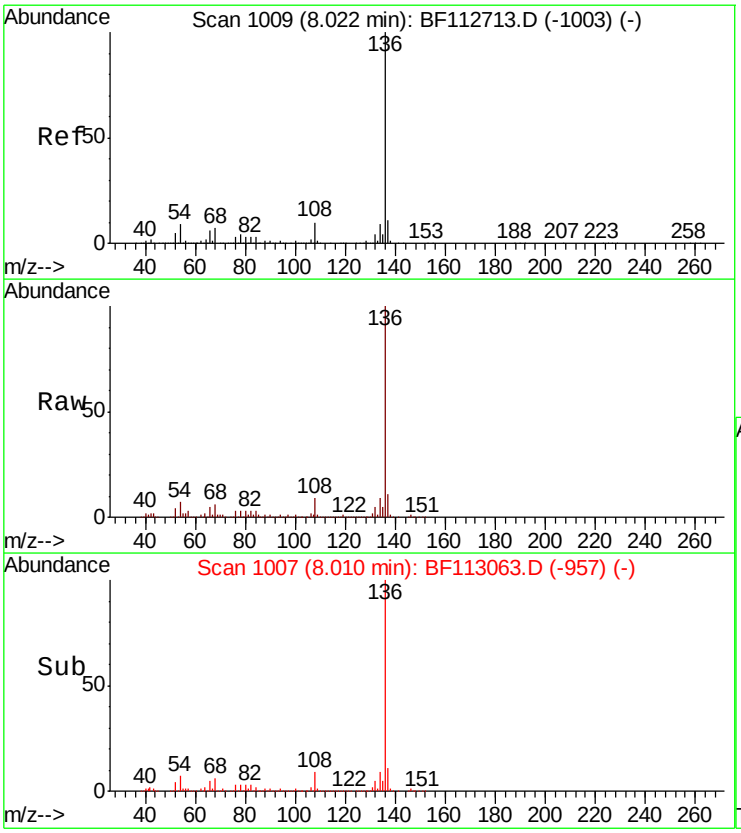
#18
Hexachloroethane
Concen: 2.416 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.02 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:117 Resp: 11671

Ion	Ratio	Lower	Upper
117	100		
119	870.7	76.6	115.0#
201	0.0	68.9	103.3#

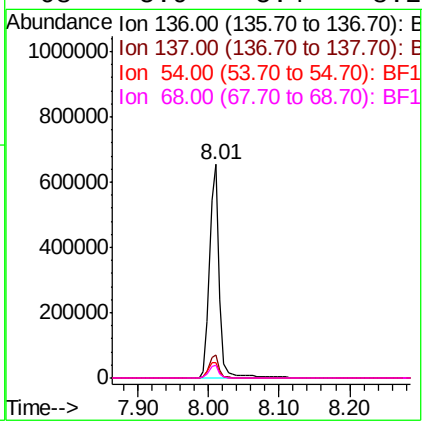


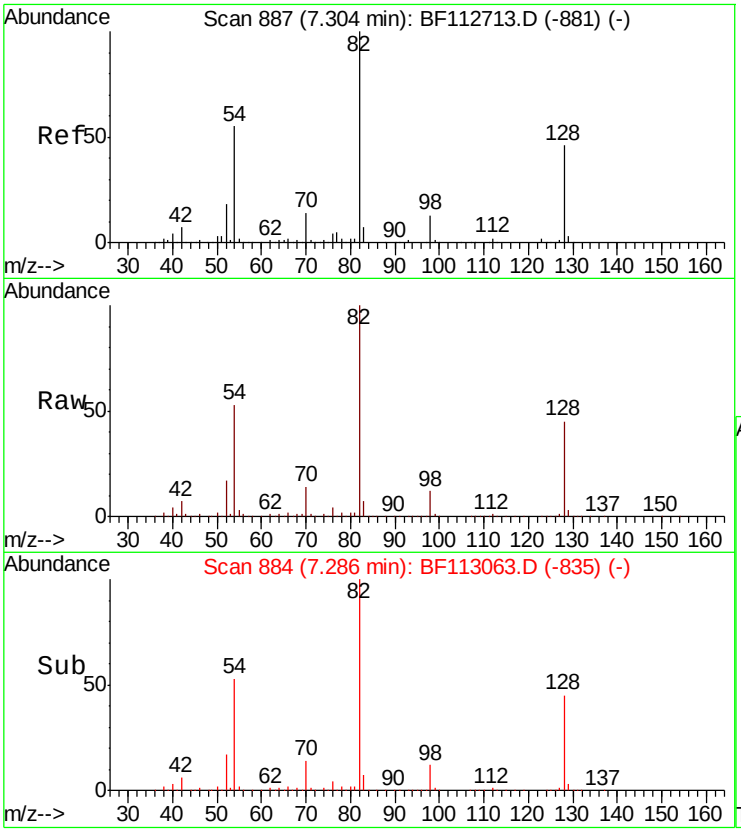


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:136 Resp: 632750

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.3	10.9
68	5.9	5.4	8.2



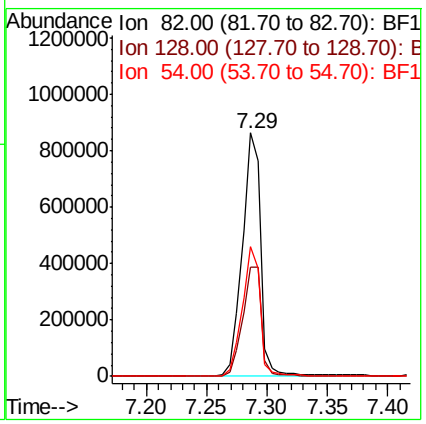


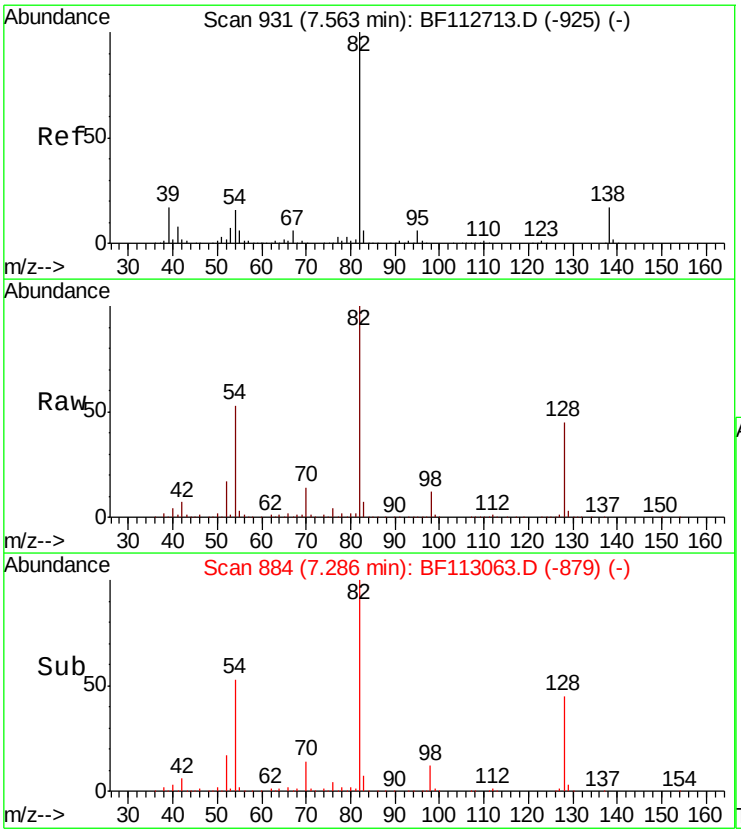
#23
Nitrobenzene-d5
Concen: 87.098 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion: 82 Resp: 921006

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	53.4	43.7	65.5

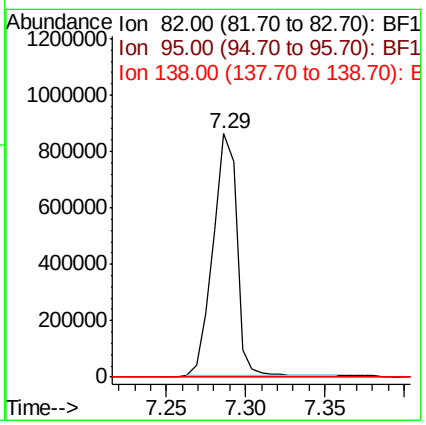


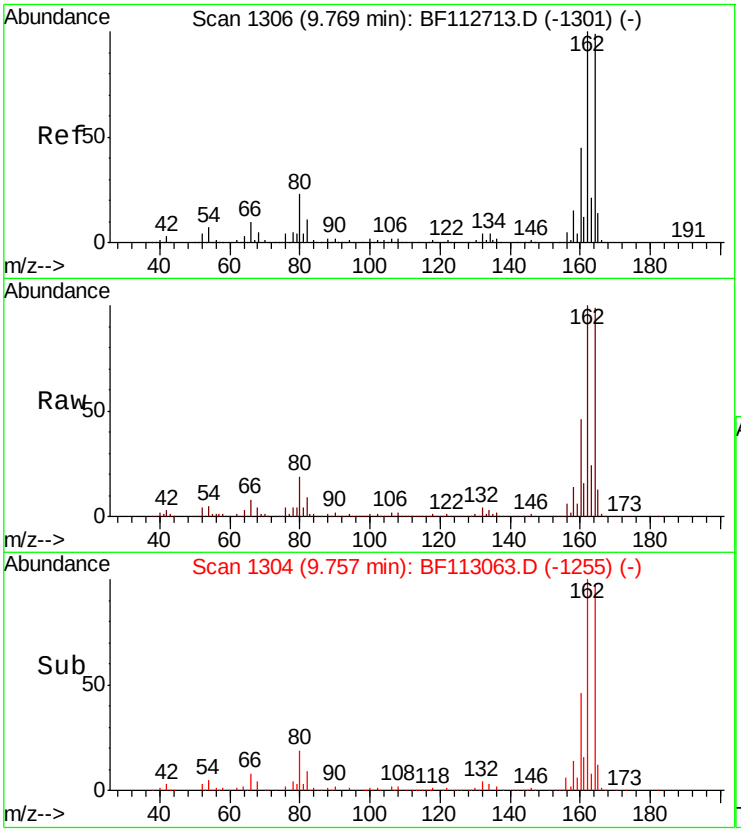


#25
Isophorone
Concen: 39.505 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion: 82 Resp: 899967

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	13.8	20.8#



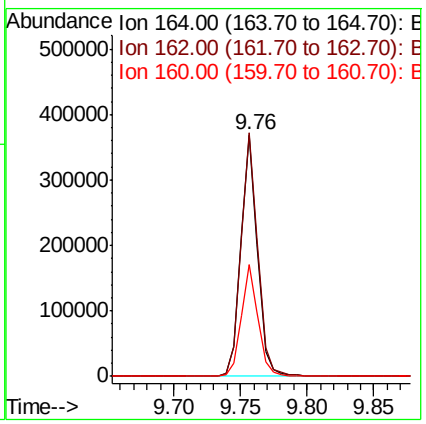


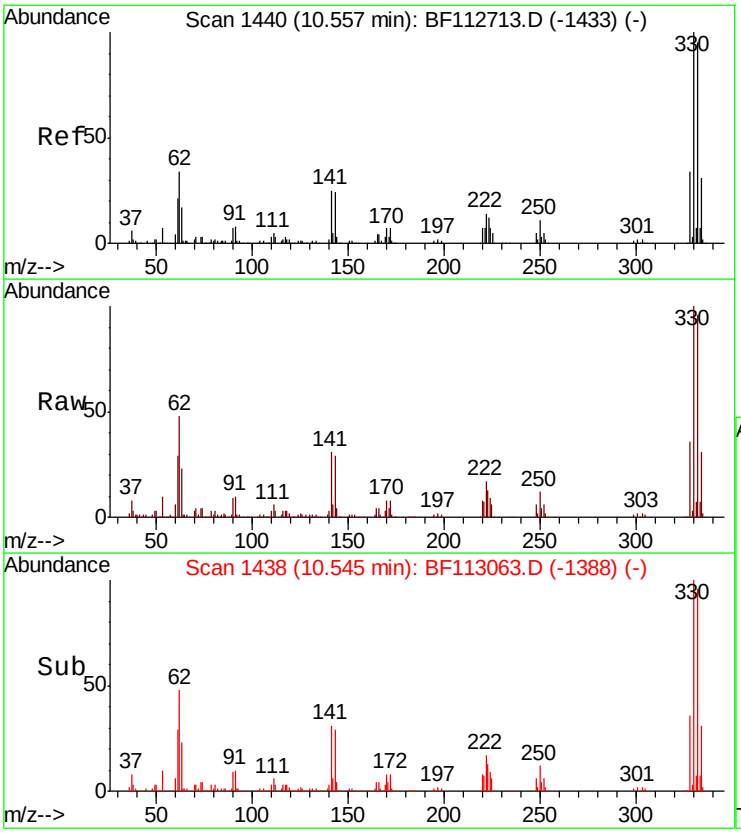
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:164 Resp: 318455

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	46.1	36.0	54.0

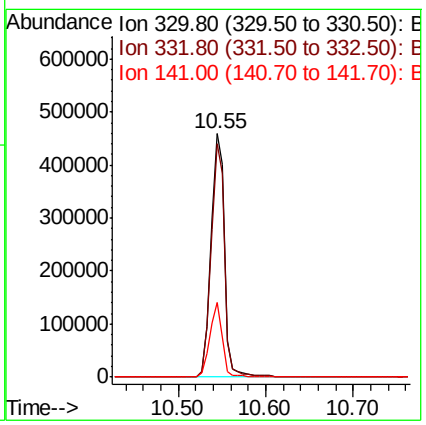


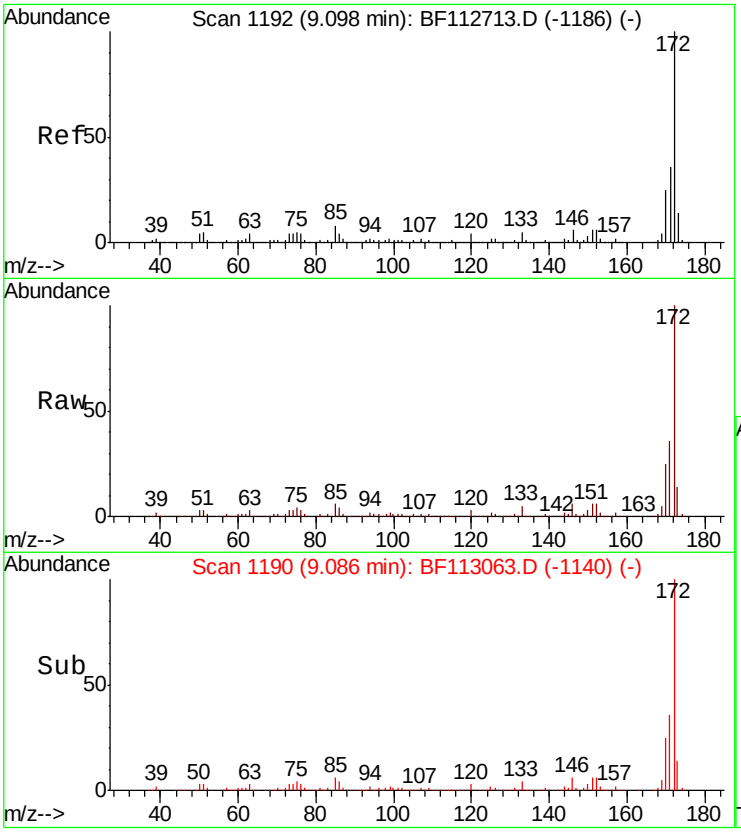


#42
2,4,6-Tribromophenol
Concen: 146.070 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:330 Resp: 493832

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.2	27.0	40.6



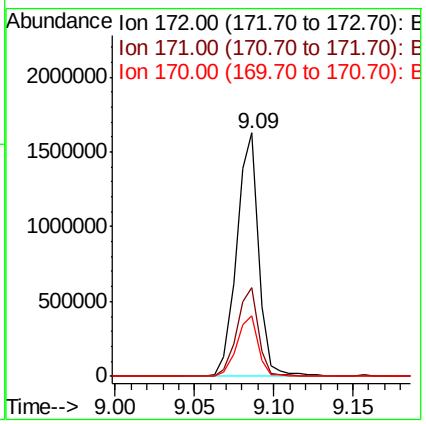


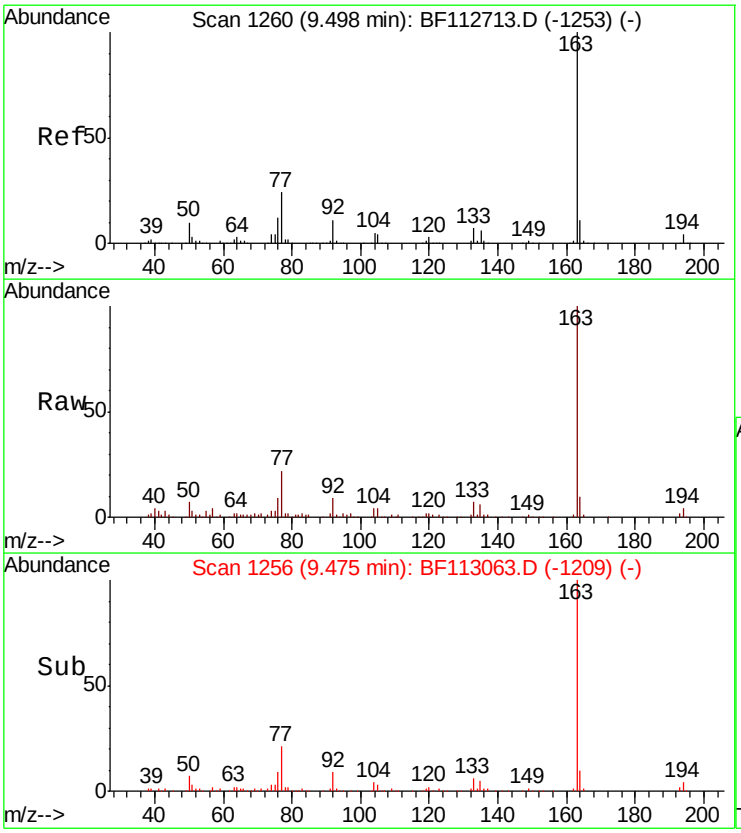
#45
2-Fluorobiphenyl
Concen: 79.782 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:172 Resp: 1558557

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.9	20.0	30.0

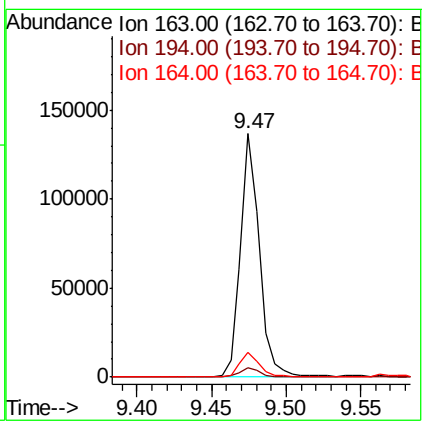


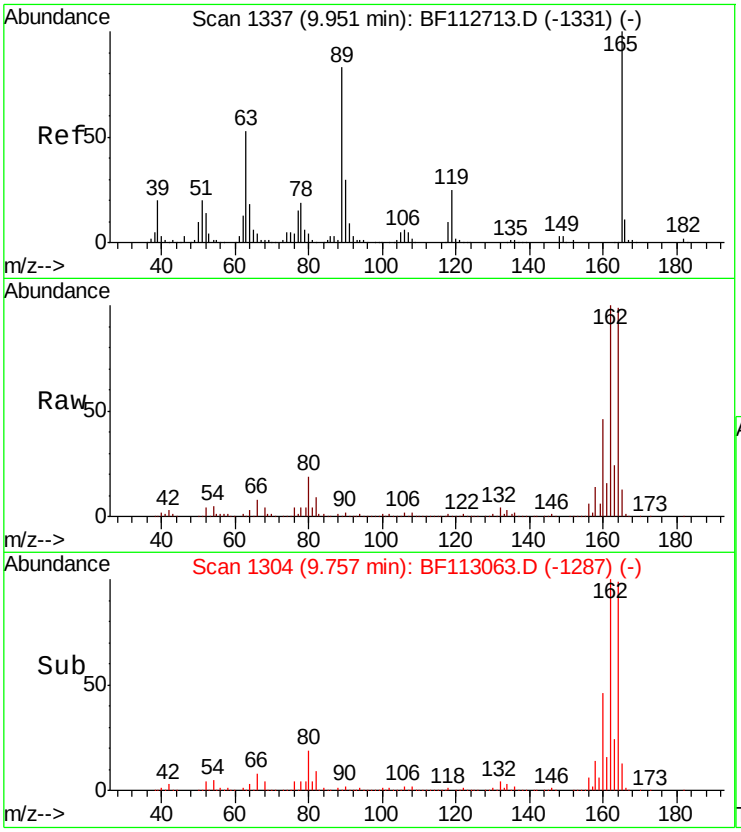


#50
Dimethylphthalate
Concen: 5.164 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:163 Resp: 121252

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.3	8.4	12.6



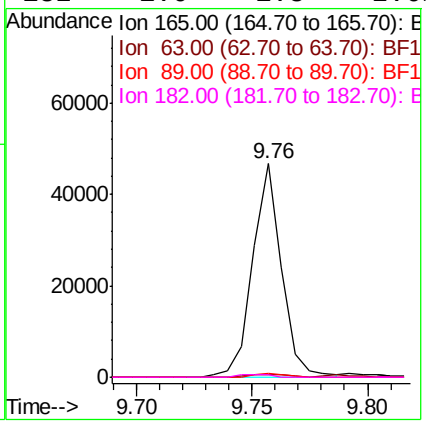


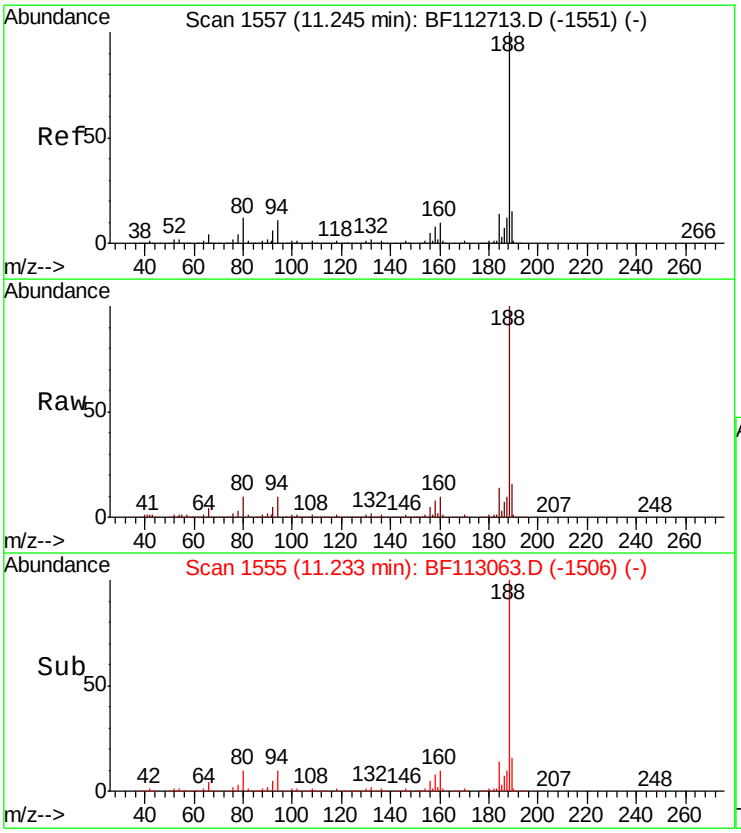
#57
2,4-Dinitrotoluene
Concen: 6.745 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:165 Resp: 40996

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.7	66.2	99.4#
182	1.0	1.8	2.6#

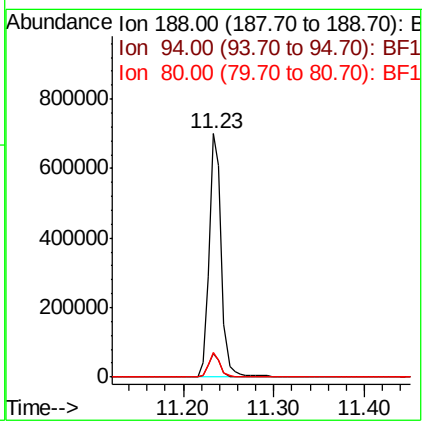


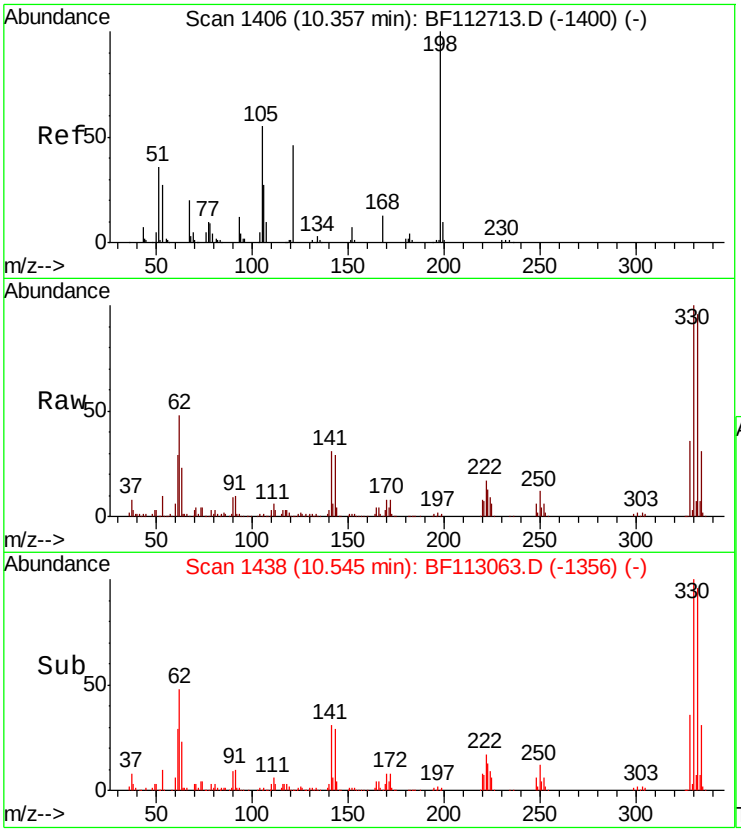


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:188 Resp: 667548

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.4	9.2	13.8



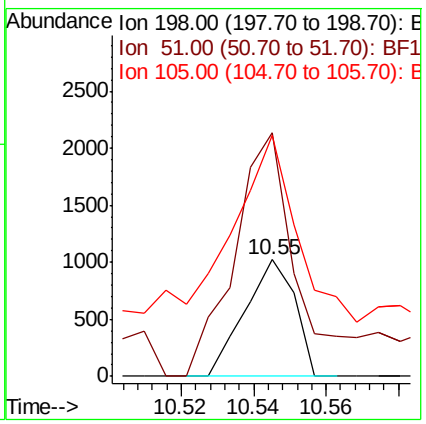


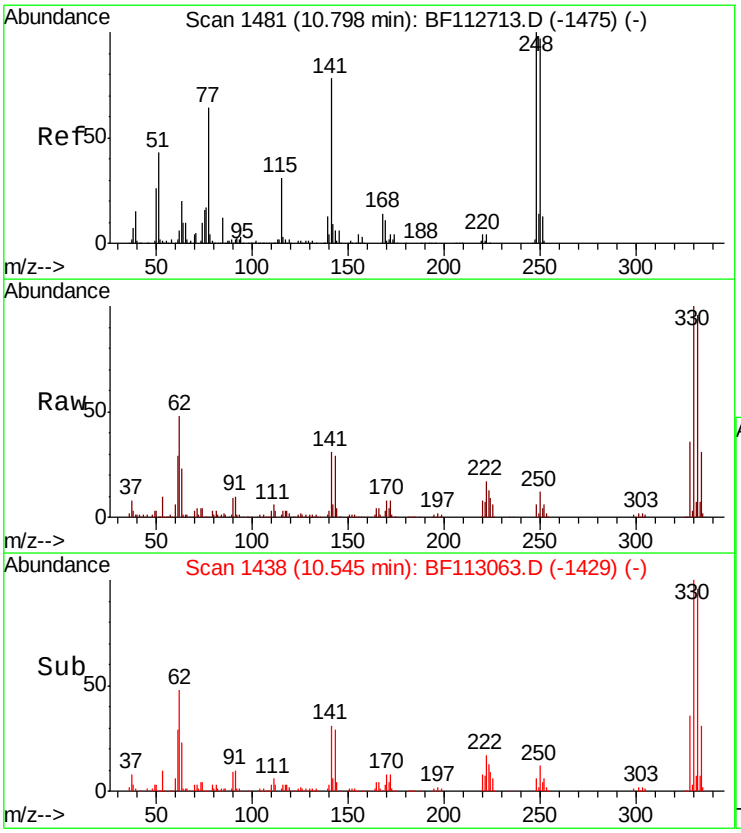
#65
4,6-Dinitro-2-methylphenol
Concen: 4.934 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:198 Resp: 974

Ion	Ratio	Lower	Upper
198	100		
51	208.8	43.8	83.8#
105	206.9	36.5	76.5#

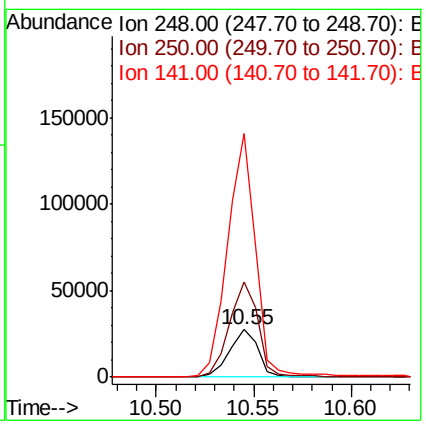


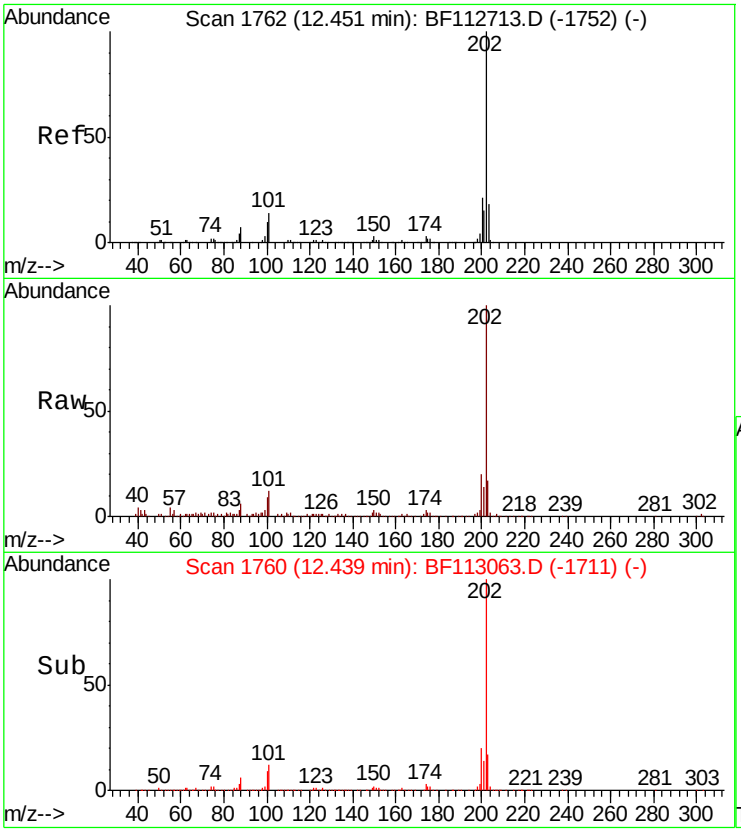


#67
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:248 Resp: 27887

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.5	116.3#
141	515.8	62.4	93.6#



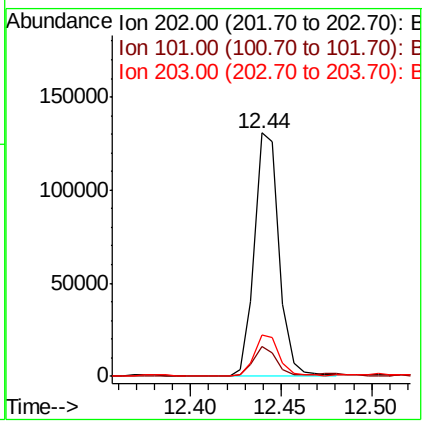


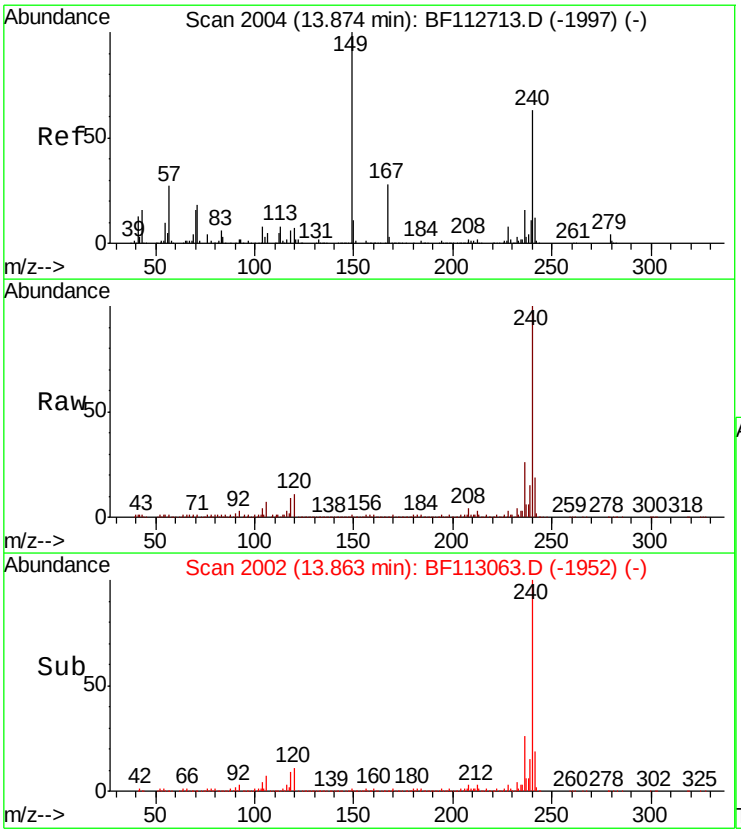
#75
Fluoranthene
Concen: 3.489 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:202 Resp: 124164

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.8
203	17.1	0.0	38.4

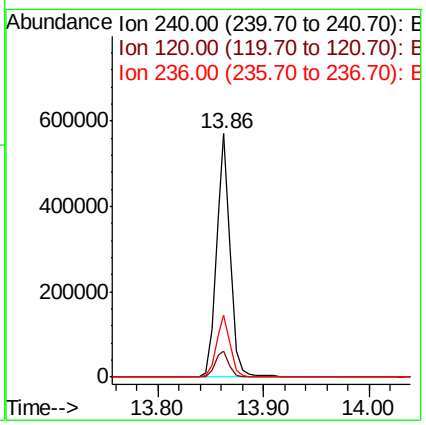


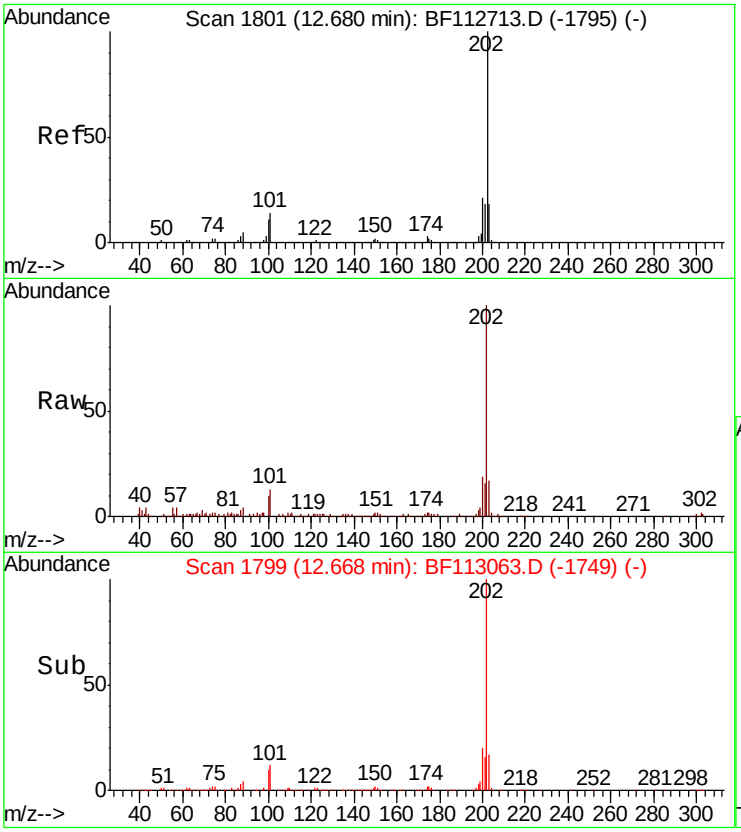


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:240 Resp: 524340

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



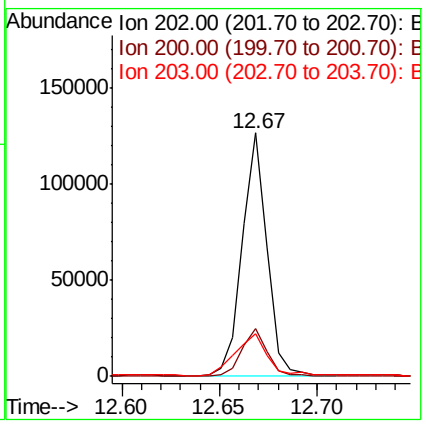


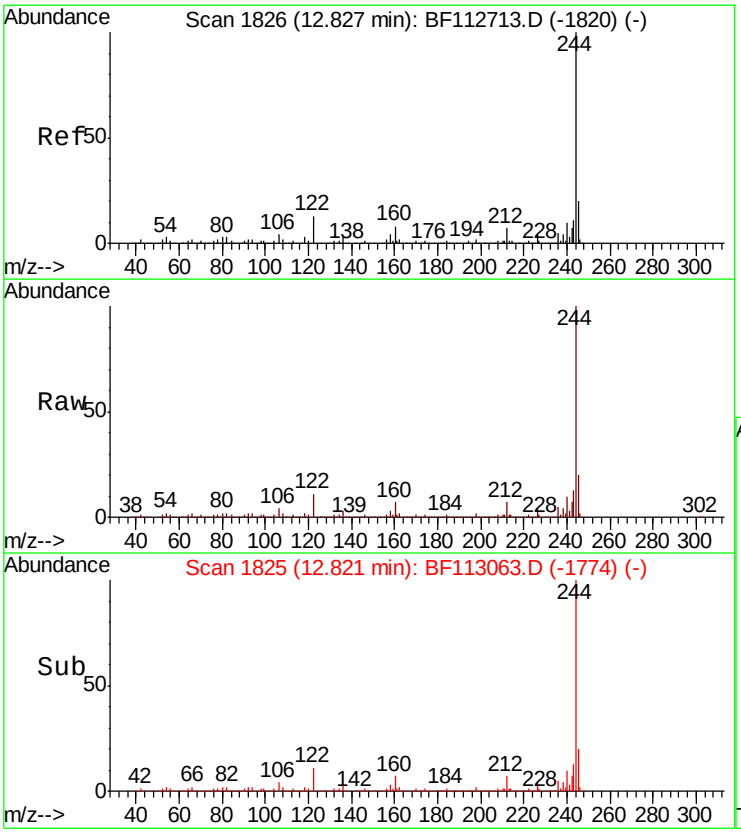
#78
Pyrene
Concen: 2.501 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:202 Resp: 110555

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.4	14.4	21.6

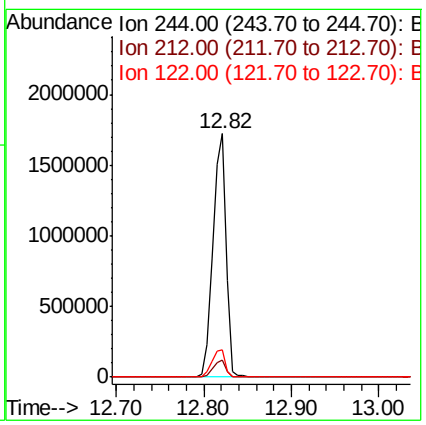


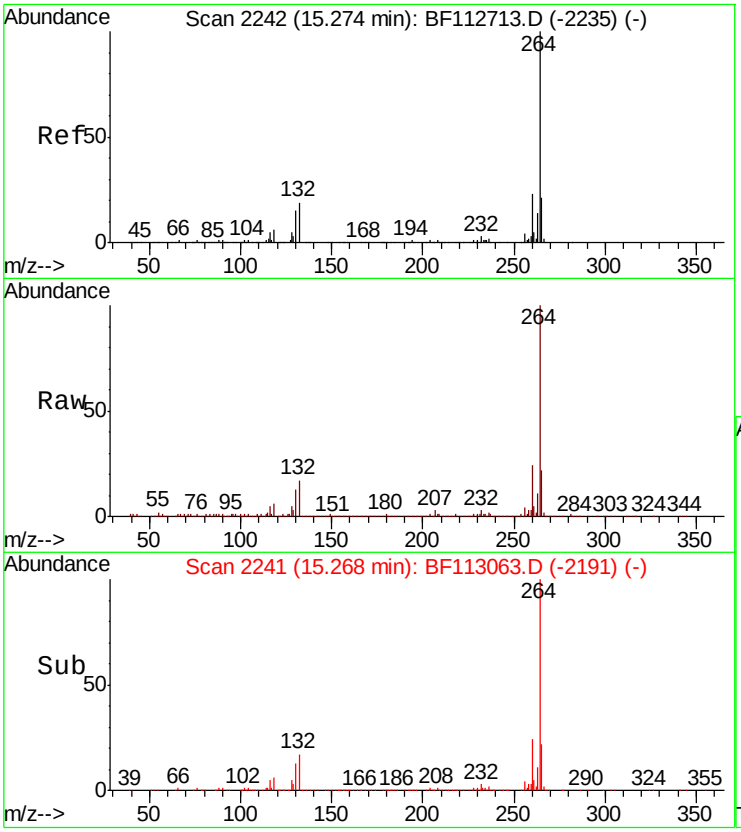


#79
Terphenyl-d14
Concen: 66.506 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:244 Resp: 1798893

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.0	10.5	15.7



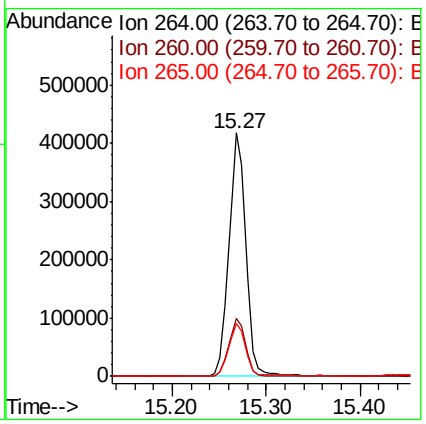


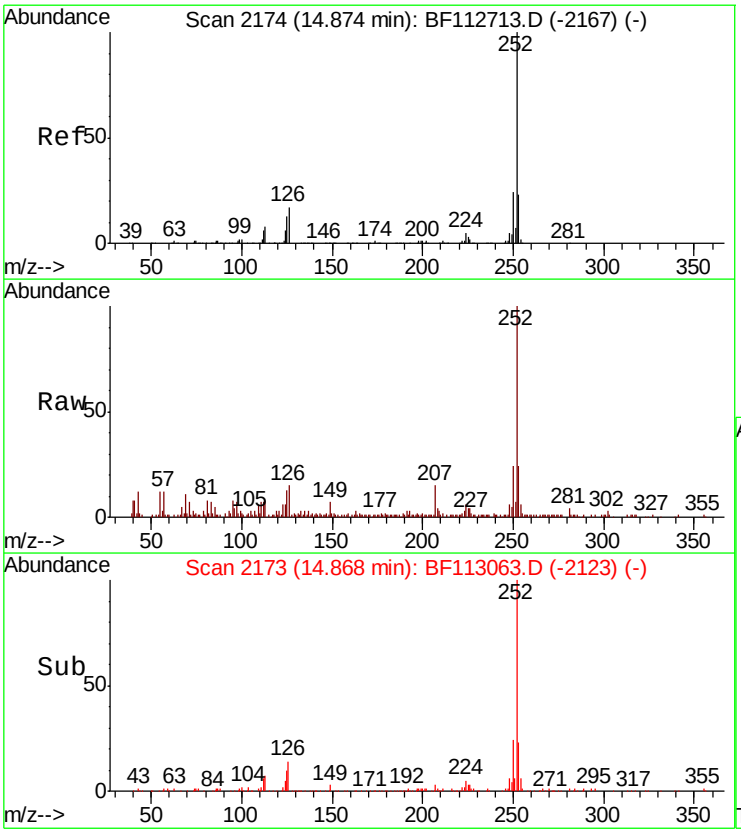
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:264 Resp: 521371

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.2	25.8

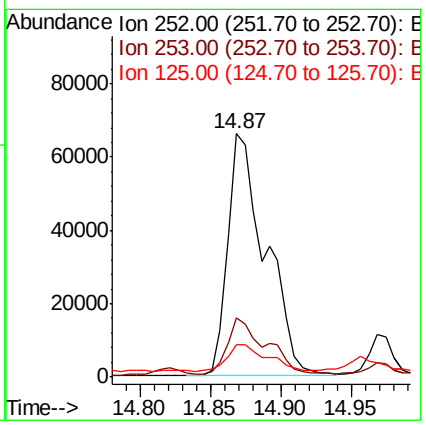


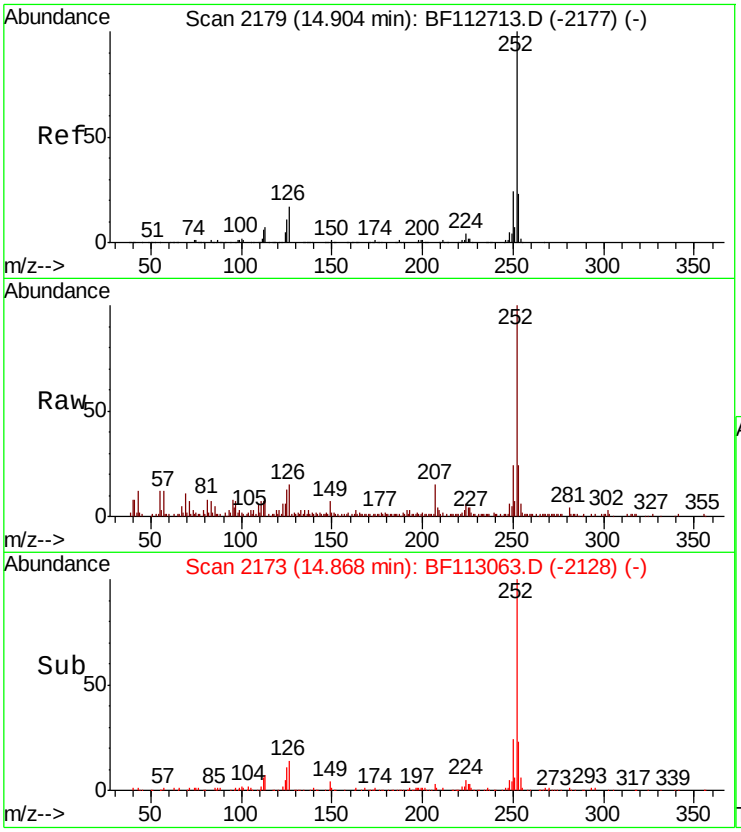


#88
Benzo(b)fluoranthene
Concen: 3.674 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:252 Resp: 123891

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	13.1	10.2	15.2



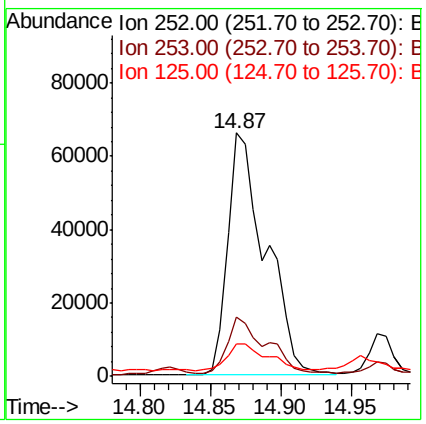


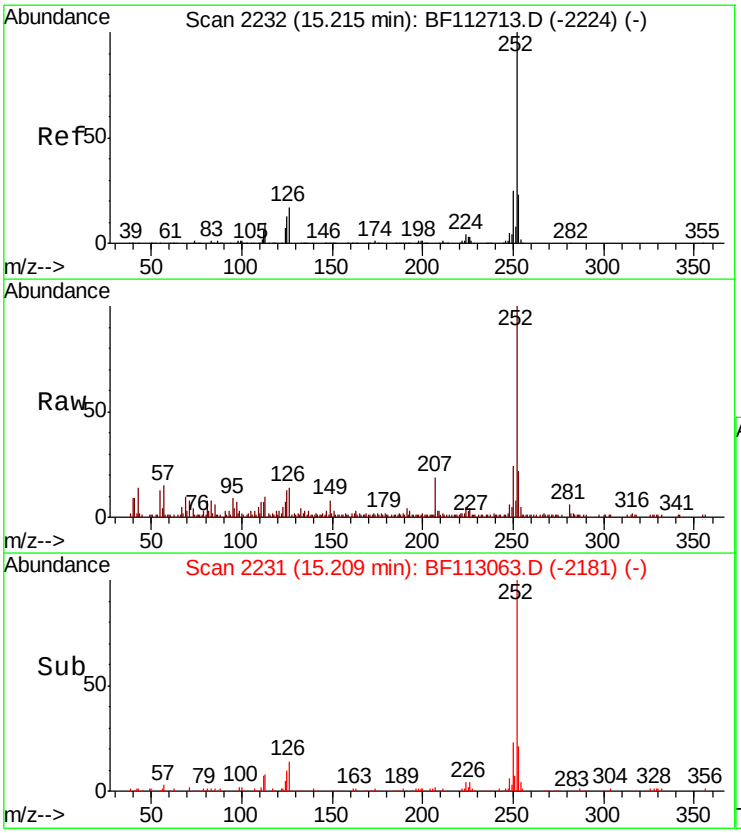
#89
Benzo(k)fluoranthene
Concen: 4.056 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tgt Ion:252 Resp: 123891

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	13.1	9.8	14.6





#90
Benzo(a)pyrene
Concen: 2.211 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion:252 Resp: 65945

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.7	10.7	16.1