Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113078.D
Acq On : 15 Mar 2019 21:04
Operator : JU/SJ
Sample : K1929-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RS-2(0.5-1.0)

Quant Time: Mar 15 22:56:40 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	131449	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	493689	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	239089	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	492761	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	386659	20.00	ng		0.00
87) Perylene-d12	15.27	264	395573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	841790	99.62	ng		0.00
7) Phenol-d6	6.37	99	1095924	103.24	ng		0.00
23) Nitrobenzene-d5	7.29	82	658910	79.86	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	346385	136.47	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1089790	72.69	ng		-0.01
79) Terphenyl-d14	12.82	244	1130692	56.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	37752	3.048	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	86174	12.818	ng	#	76
25) Isophorone	7.29	82	652901	36.733	ng	#	66
50) Dimethylphthalate	9.47	163	99846	5.664	ng		99
57) 2,4-Dinitrotoluene	9.76	165	30693	6.726	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	644	4.900	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	19315	3.721	ng	#	1
75) Fluoranthene	12.44	202	344476	13.114	ng		97
78) Pyrene	12.67	202	260650	7.996	ng		98
81) Benzo(a)anthracene	13.85	228	87334	3.259	ng		98
83) Chrysene	13.89	228	141645	5.396	ng		97
88) Benzo(b)fluoranthene	14.87	252	206388	8.066	ng		98
89) Benzo(k)fluoranthene	14.87	252	206388	8.905	ng		98

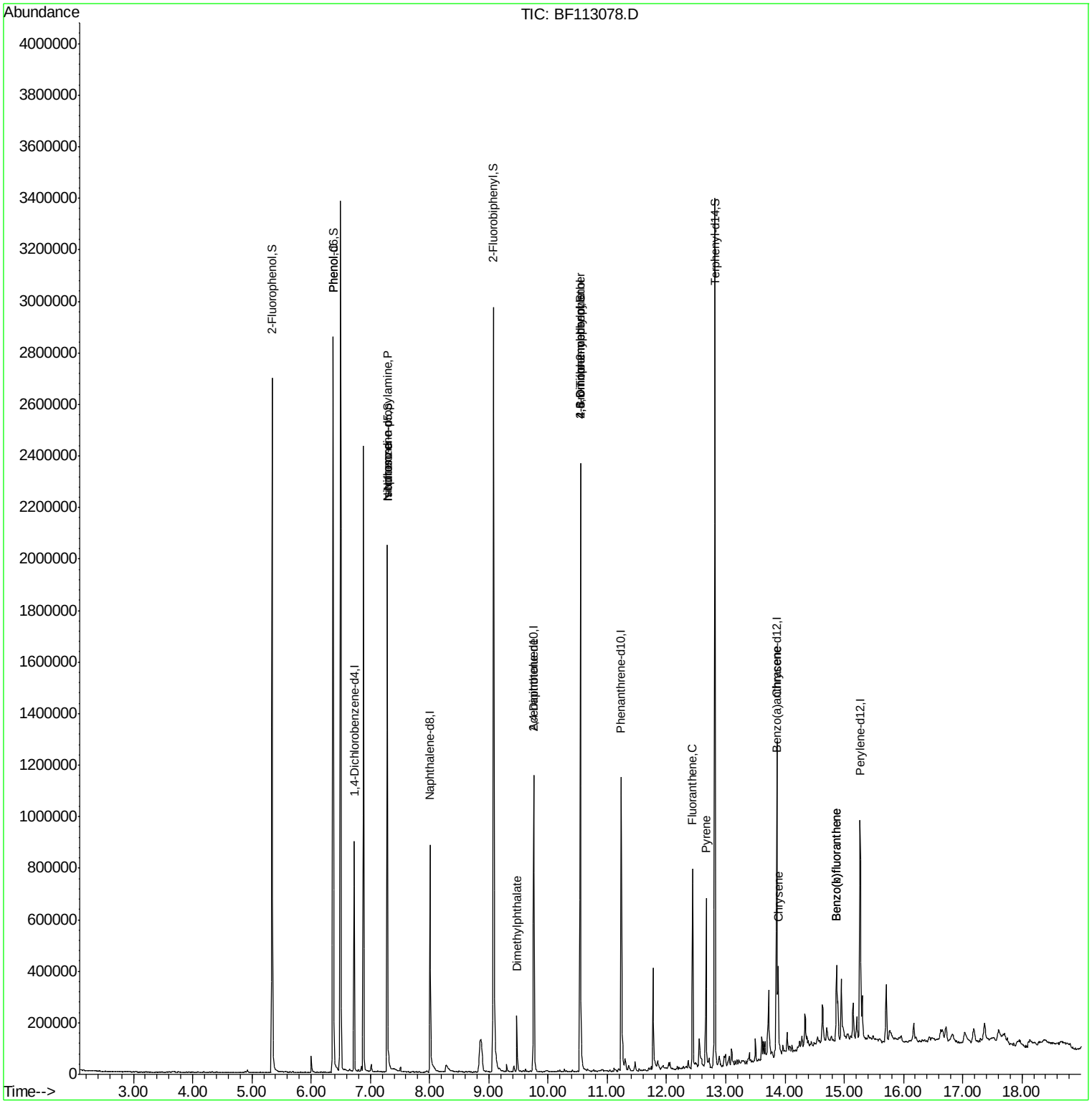
(#) = qualifier out of range (m) = manual integration (+) = signals summed

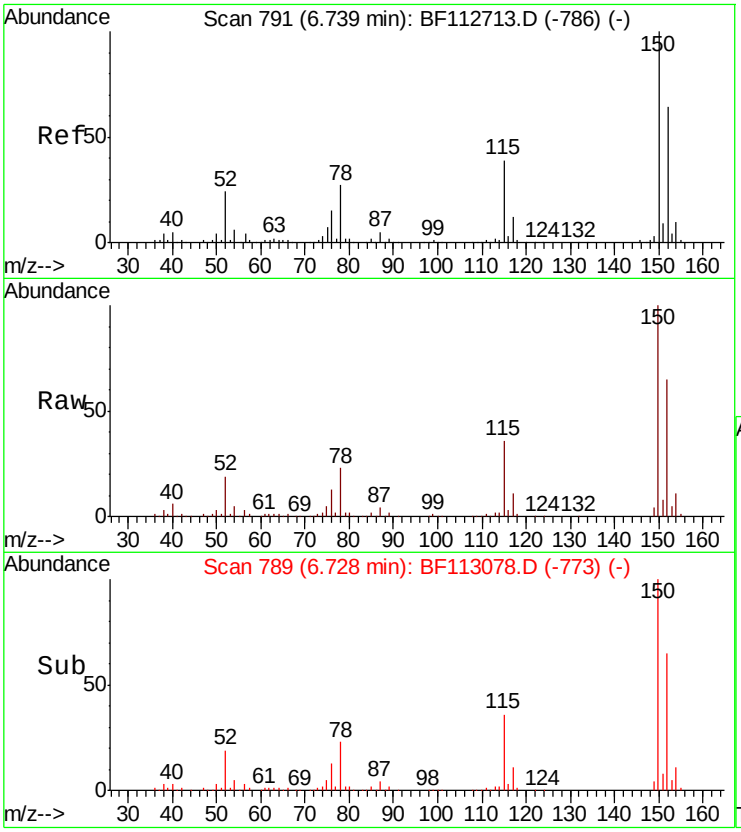
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113078.D
Acq On : 15 Mar 2019 21:04
Operator : JU/SJ
Sample : K1929-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Quant Time: Mar 15 22:56:40 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



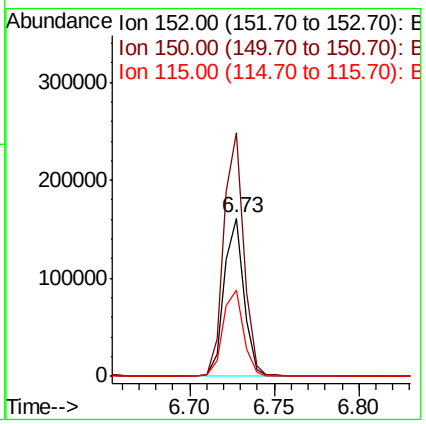


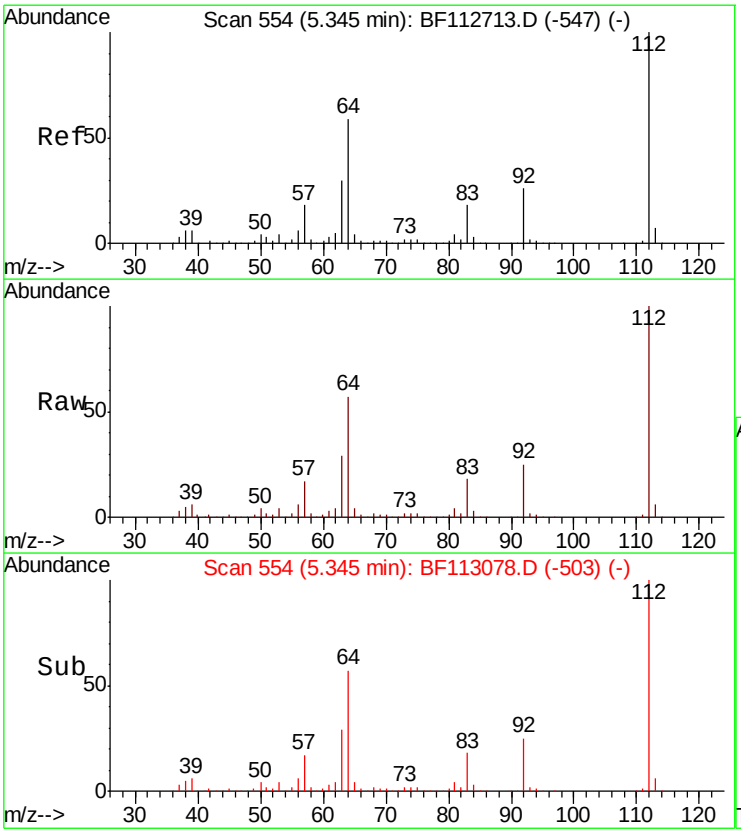
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:152 Resp: 131449

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	54.9	48.2	72.4

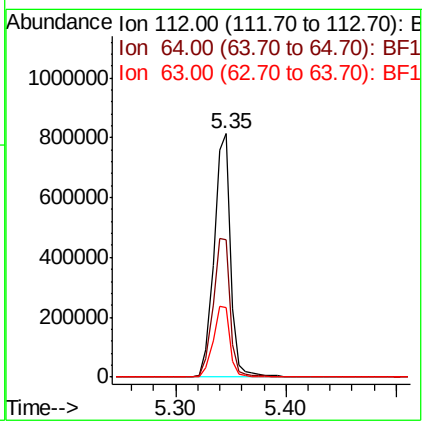


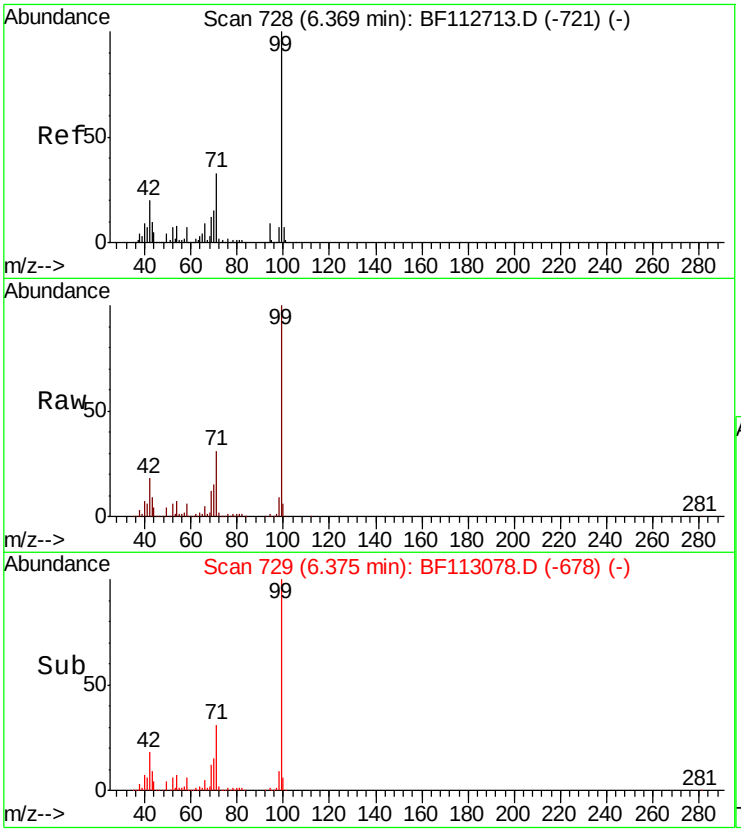


#5
2-Fluorophenol
Concen: 99.616 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:112 Resp: 841790

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.6	71.4
63	28.8	24.4	36.6



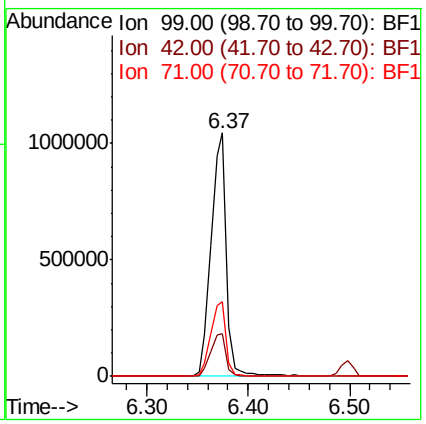


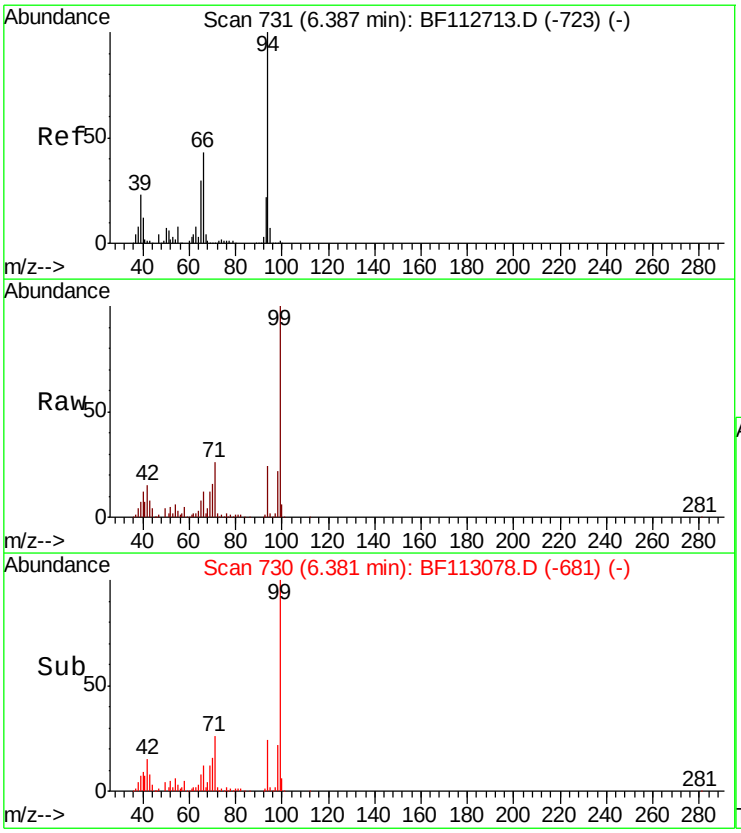
#7
Phenol-d6
Concen: 103.243 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion: 99 Resp: 1095924

Ion	Ratio	Lower	Upper
99	100		
42	17.6	16.3	24.5
71	30.9	26.2	39.4

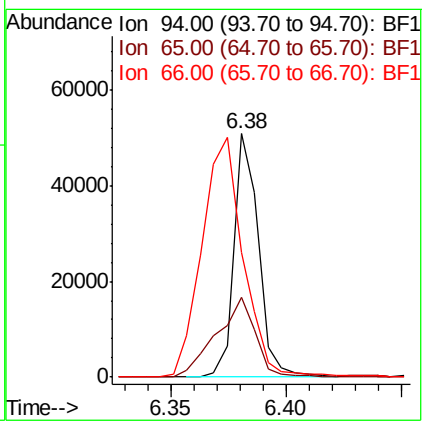


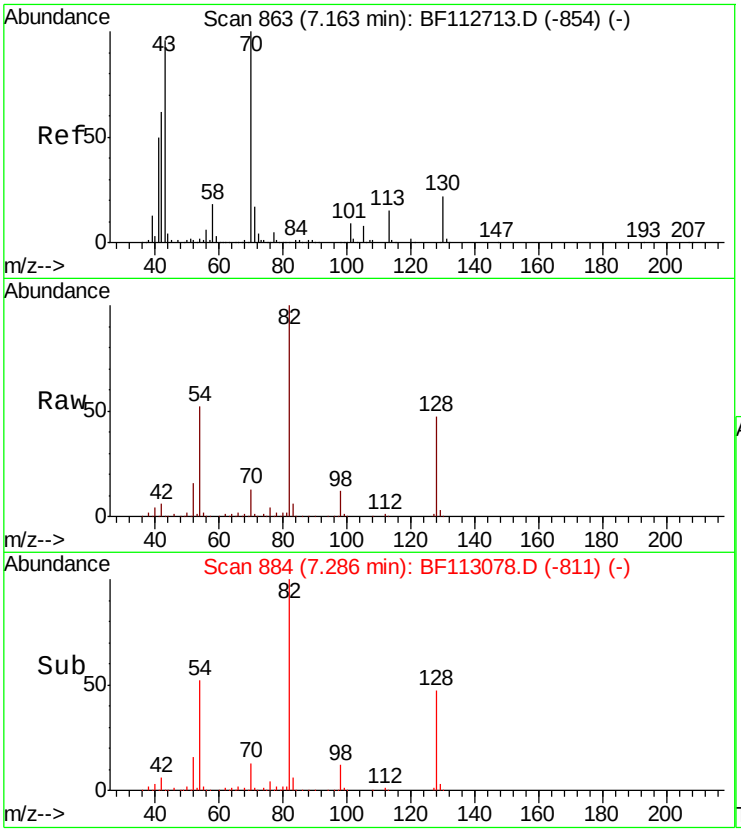


#10
Phenol
Concen: 3.048 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion: 94 Resp: 37752

Ion	Ratio	Lower	Upper
94	100		
65	32.9	10.5	50.5
66	51.0	22.6	62.6



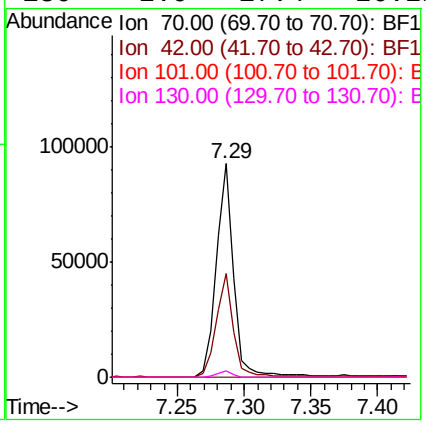


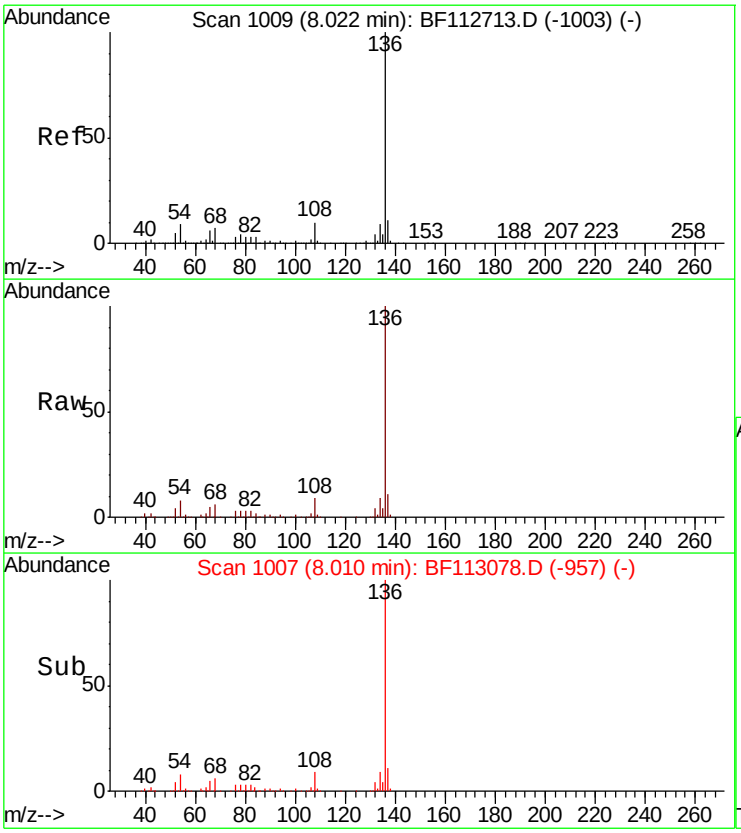
#19
n-Nitroso-di-n-propylamine
Concen: 12.818 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion: 70 Resp: 86174

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.9	17.4	26.2#

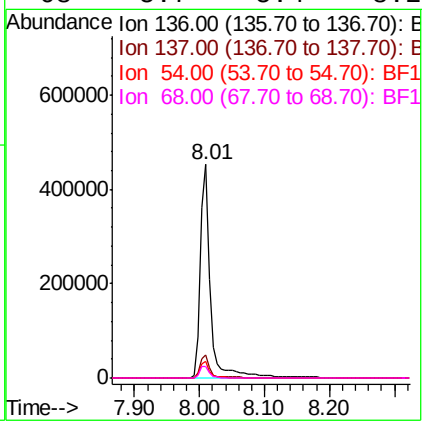


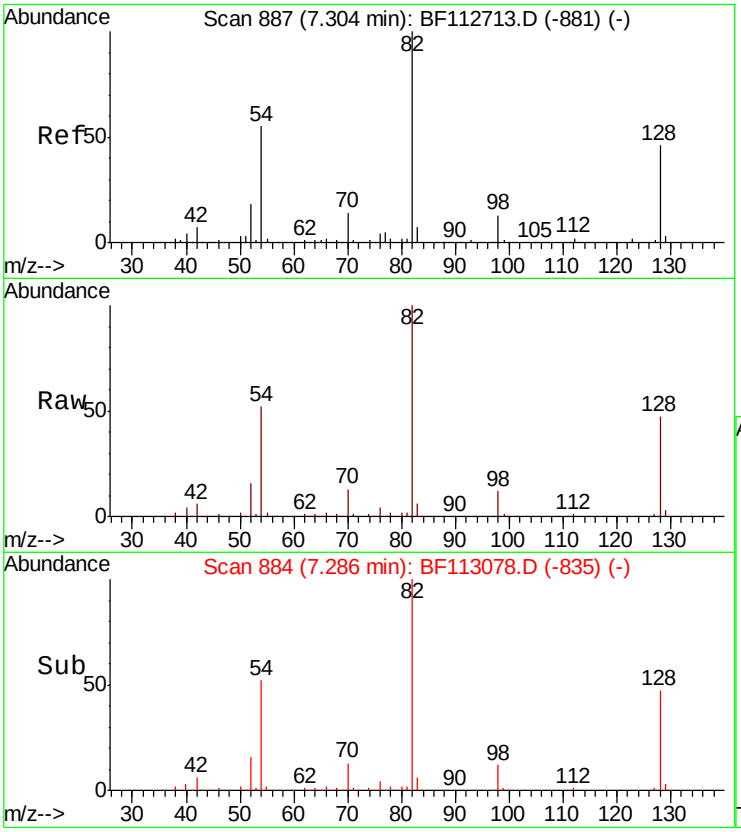


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:136 Resp: 493689

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.3	10.9
68	5.7	5.4	8.2



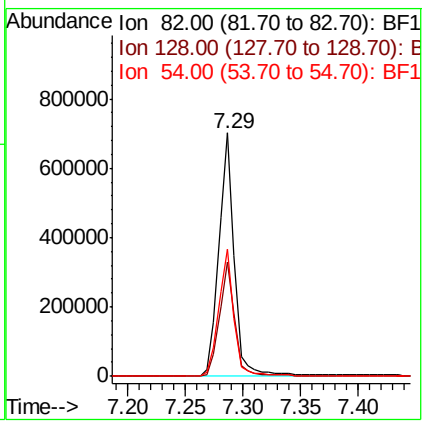


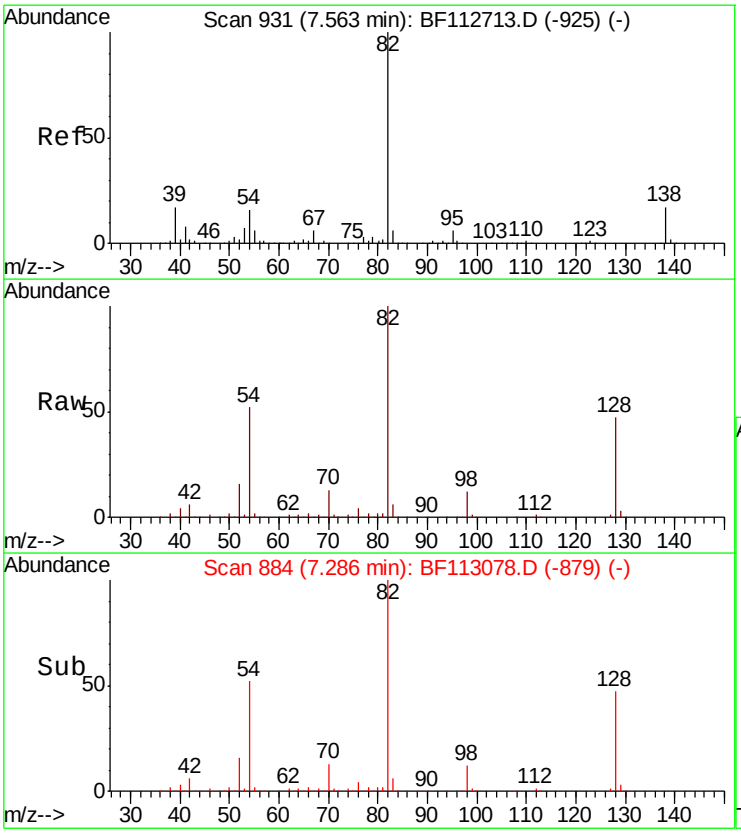
#23
Nitrobenzene-d5
Concen: 79.864 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion: 82 Resp: 658910

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	52.1	43.7	65.5

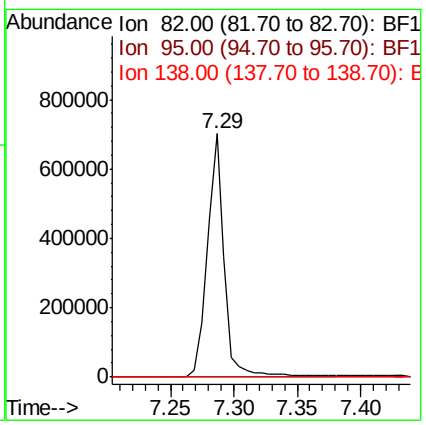


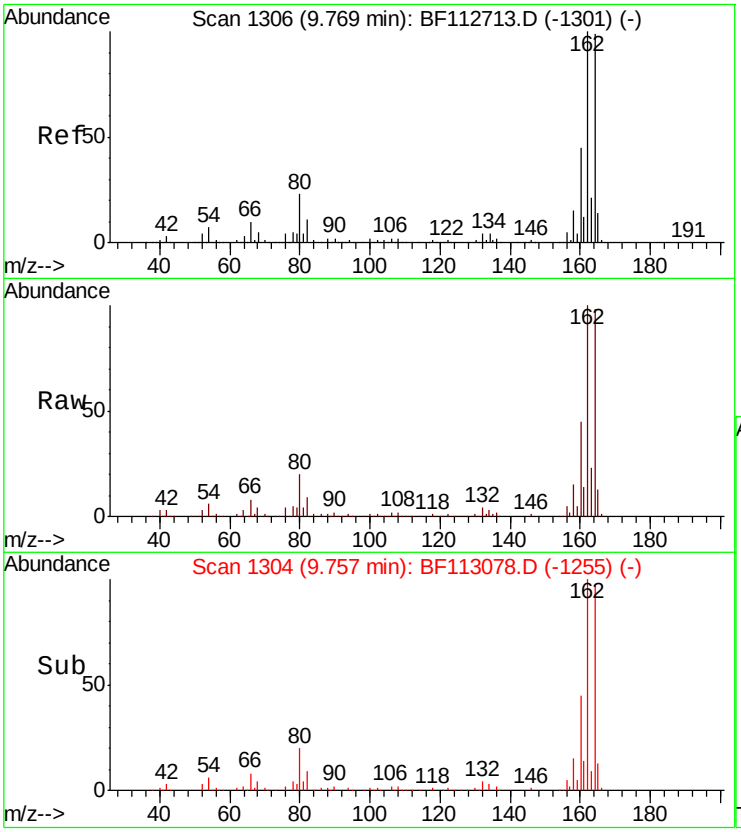


#25
Isophorone
Concen: 36.733 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion: 82 Resp: 652901

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



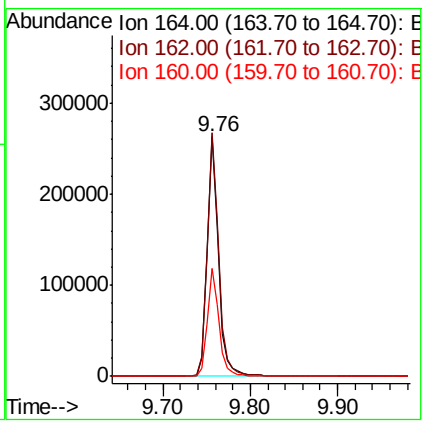


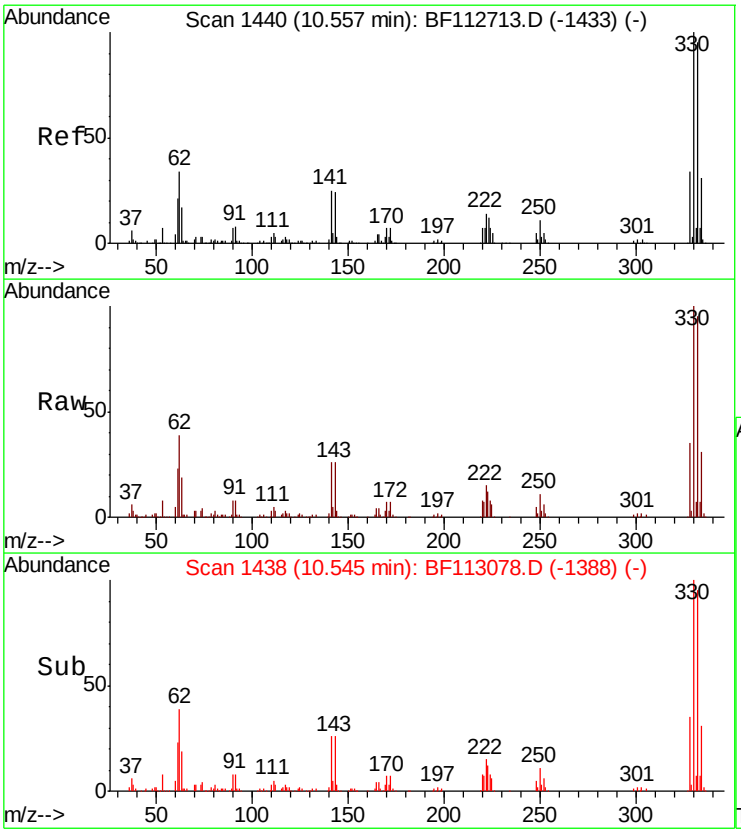
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:164 Resp: 239089

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.3	36.0	54.0

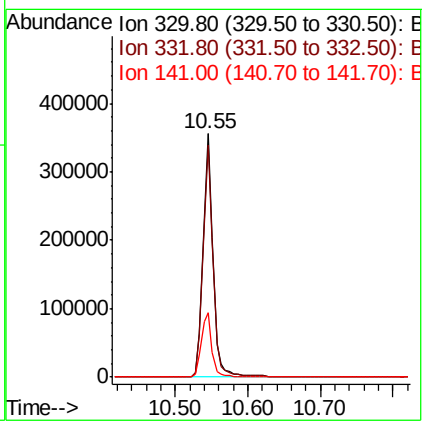


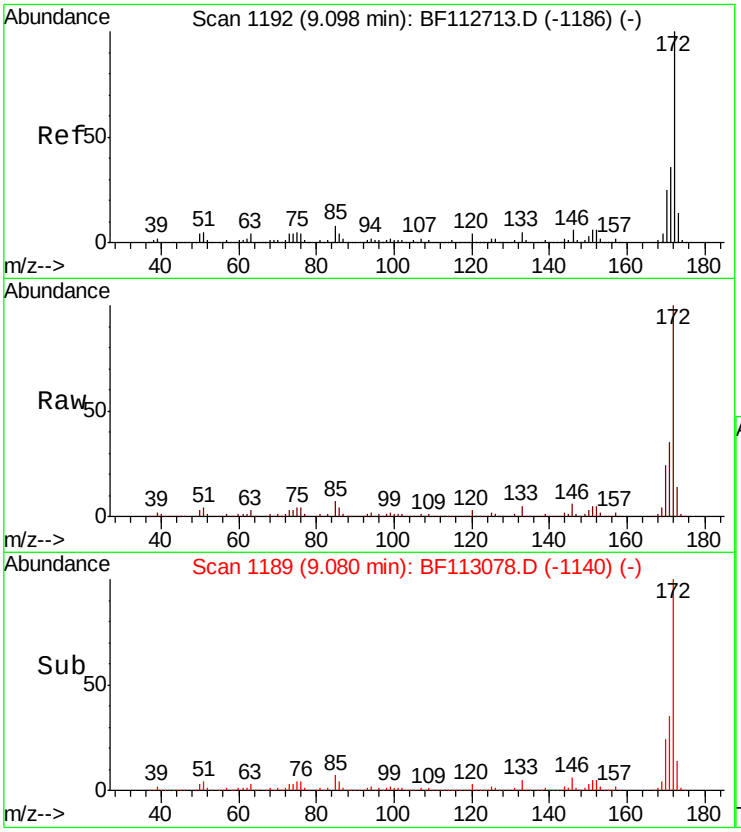


#42
2,4,6-Tribromophenol
Concen: 136.467 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:330 Resp: 346385

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	27.8	27.0	40.6



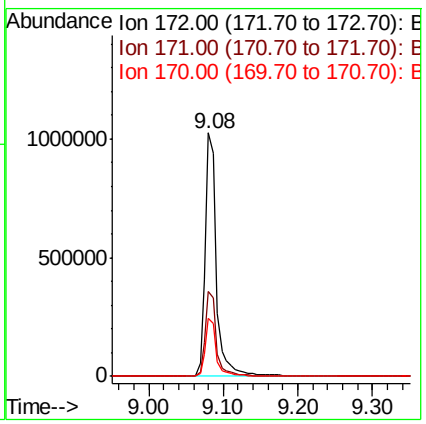


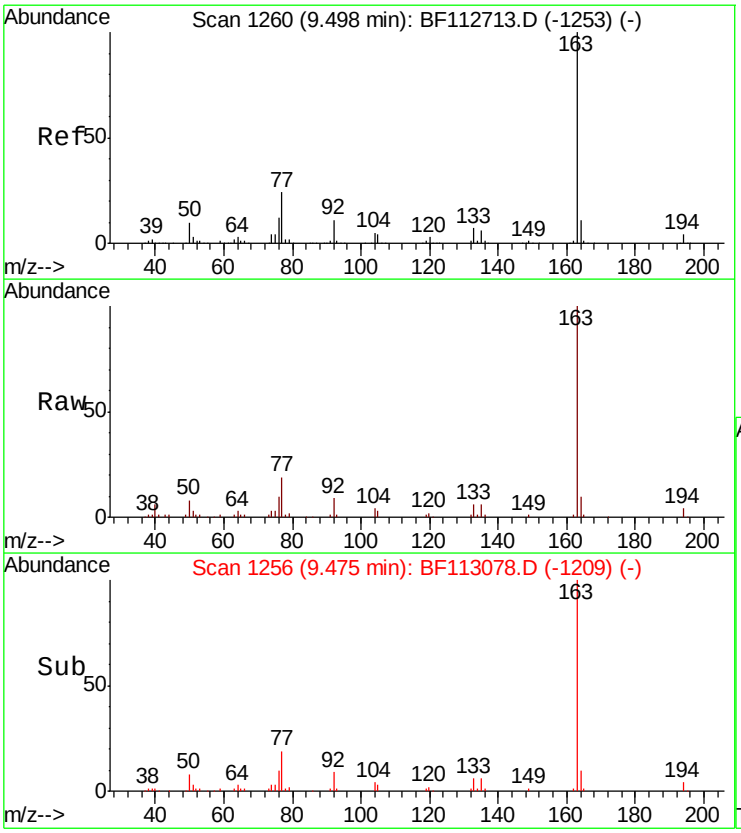
#45
2-Fluorobiphenyl
Concen: 72.689 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:172 Resp: 1089790

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	23.8	20.0	30.0

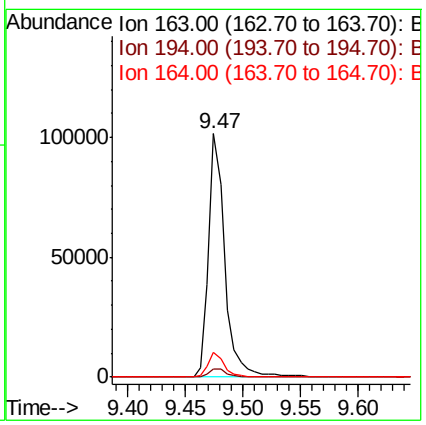


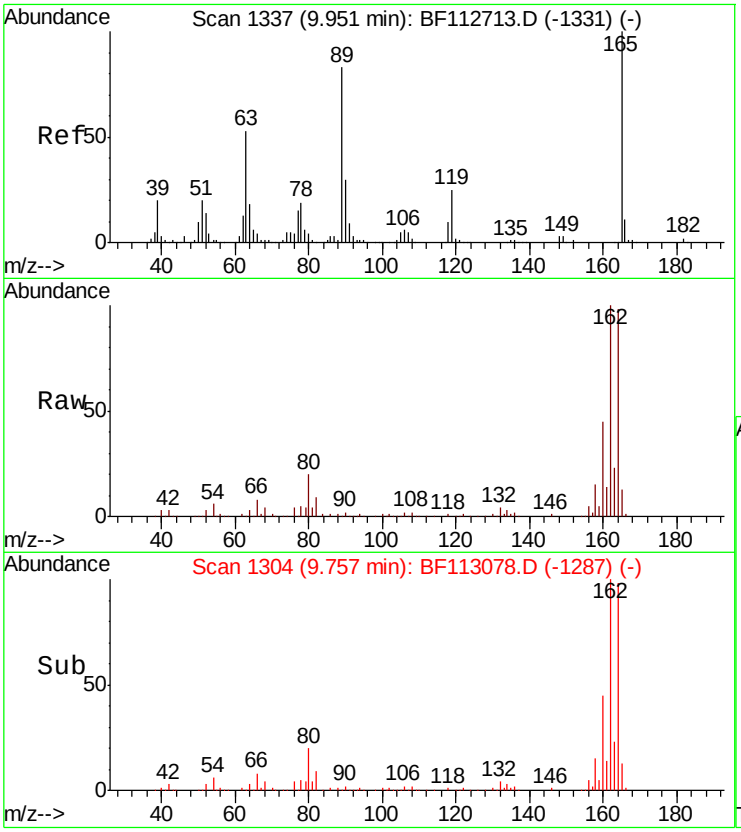


#50
Dimethylphthalate
Concen: 5.664 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:163 Resp: 99846

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.4	12.6



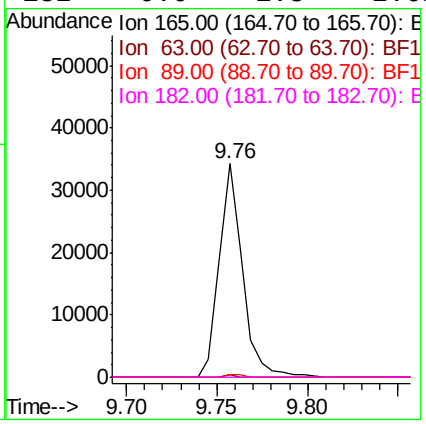


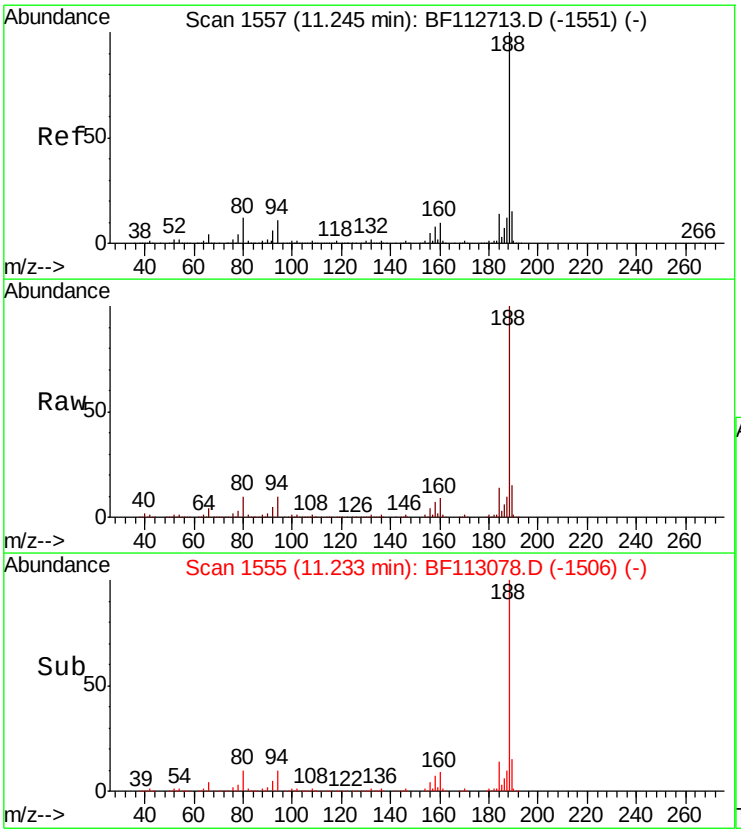
#57
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:165 Resp: 30693

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

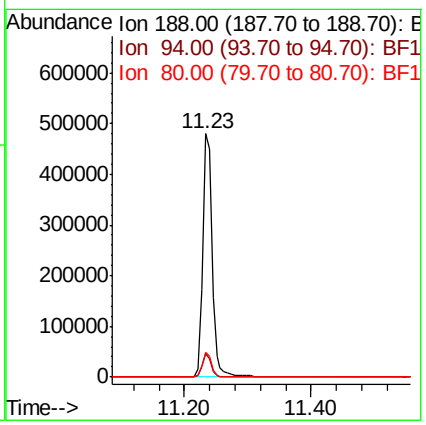


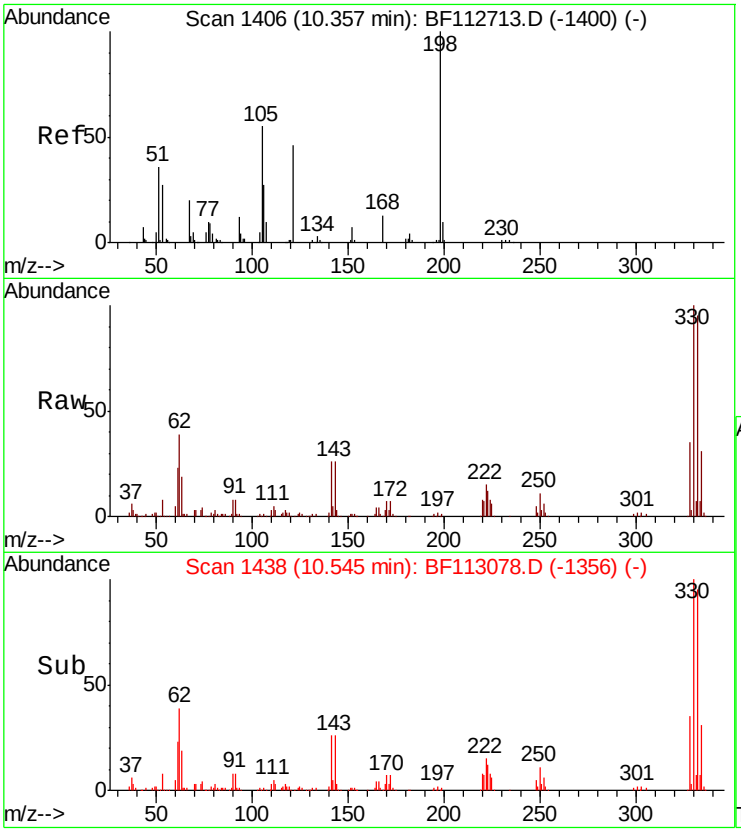


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:188 Resp: 492761

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.3	9.2	13.8



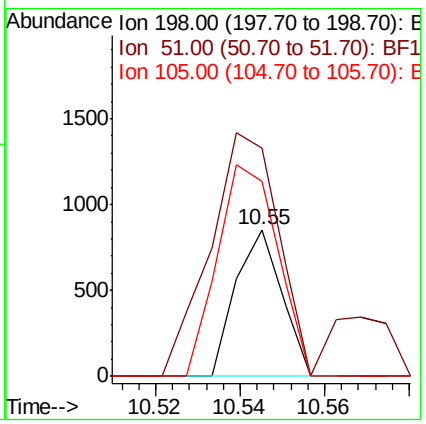


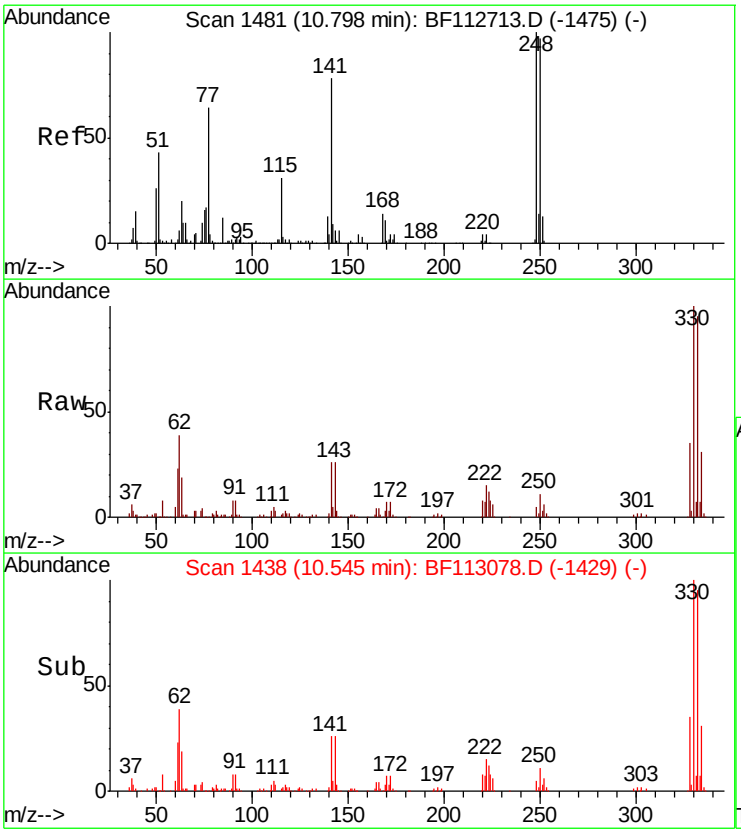
#65
4,6-Dinitro-2-methylphenol
Concen: 4.900 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:198 Resp: 644

Ion	Ratio	Lower	Upper
198	100		
51	156.1	43.8	83.8#
105	133.0	36.5	76.5#

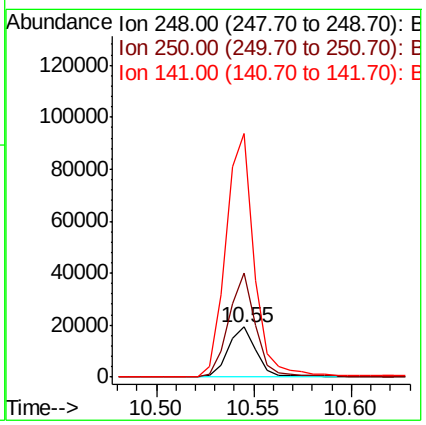


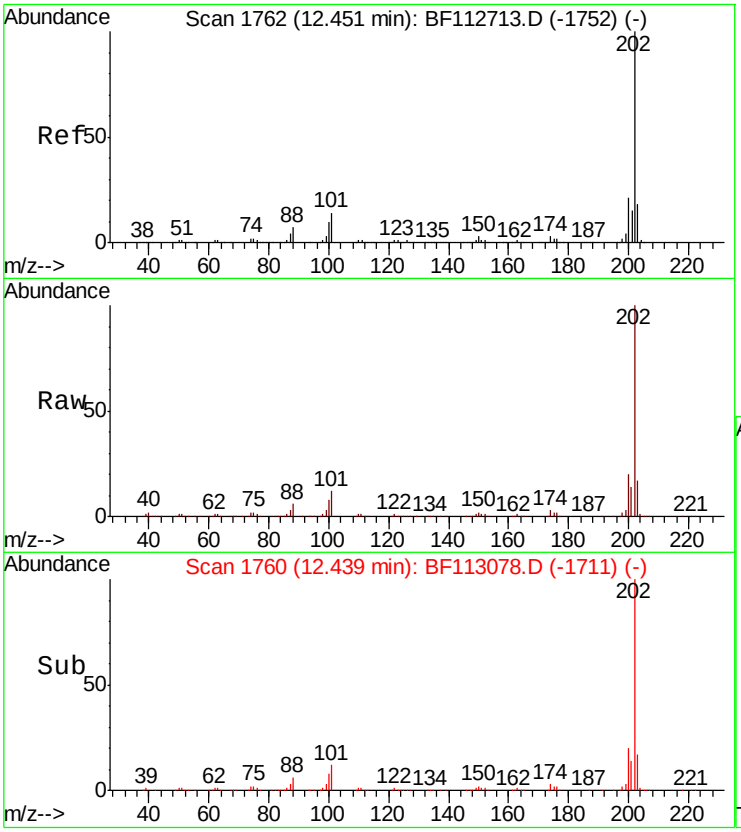


#67
4-Bromophenyl-phenylether
Concen: 3.721 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:248 Resp: 19315

Ion	Ratio	Lower	Upper
248	100		
250	209.4	77.5	116.3#
141	489.0	62.4	93.6#



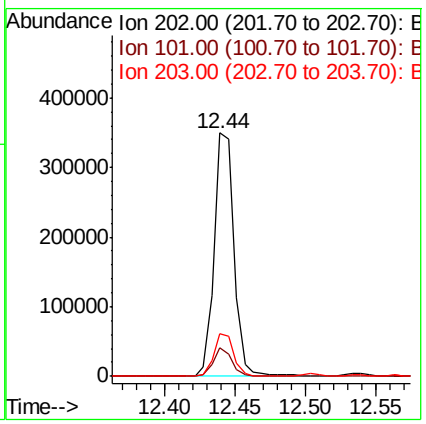


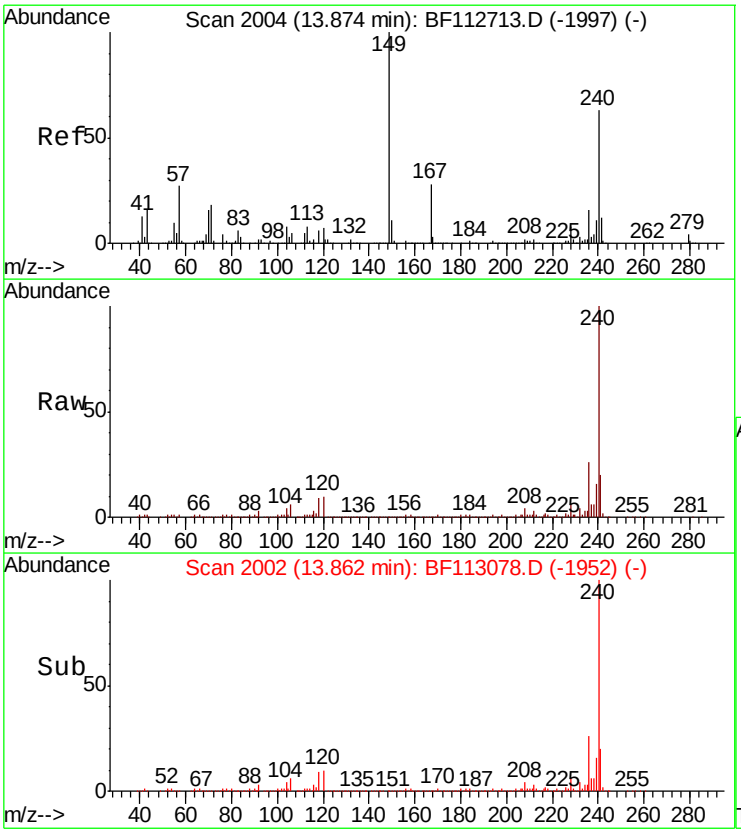
#75
Fluoranthene
Concen: 13.114 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:202 Resp: 344476

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.8
203	17.4	0.0	38.4

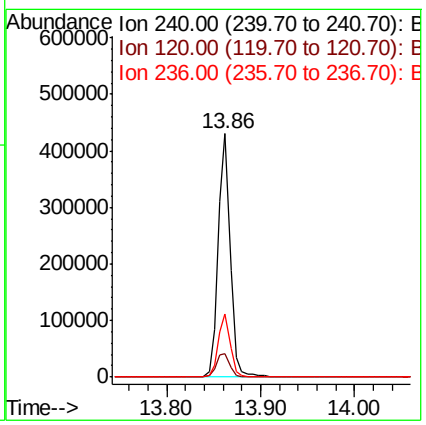


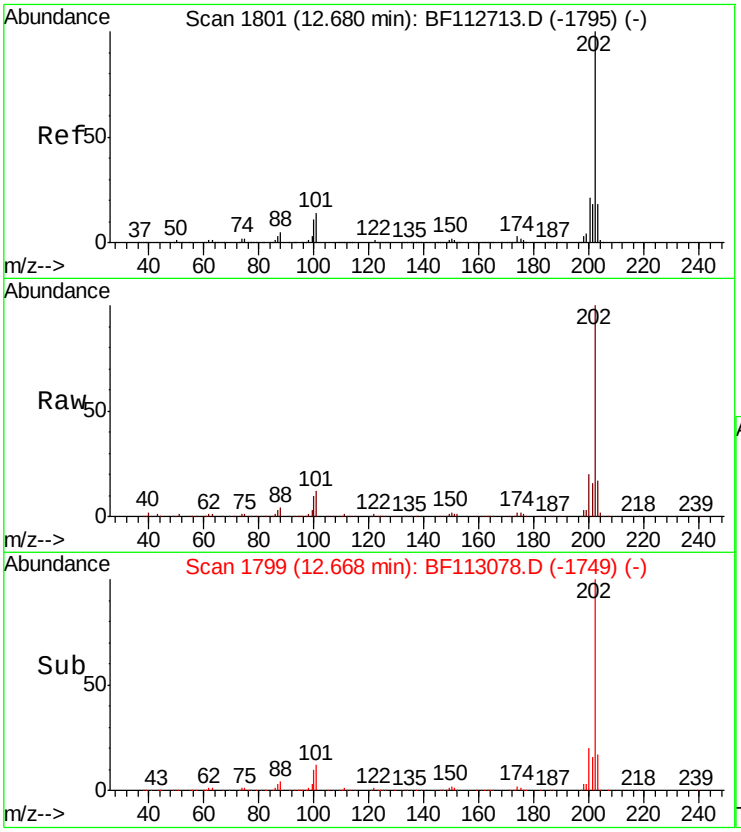


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:240 Resp: 386659

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	25.7	20.7	31.1



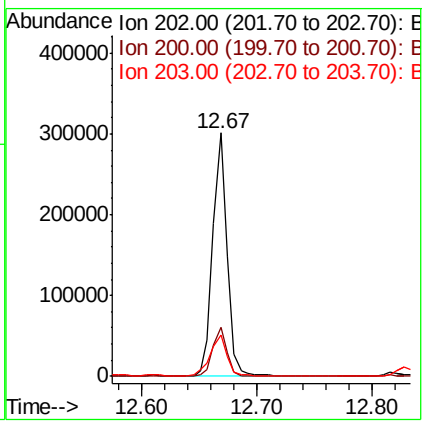


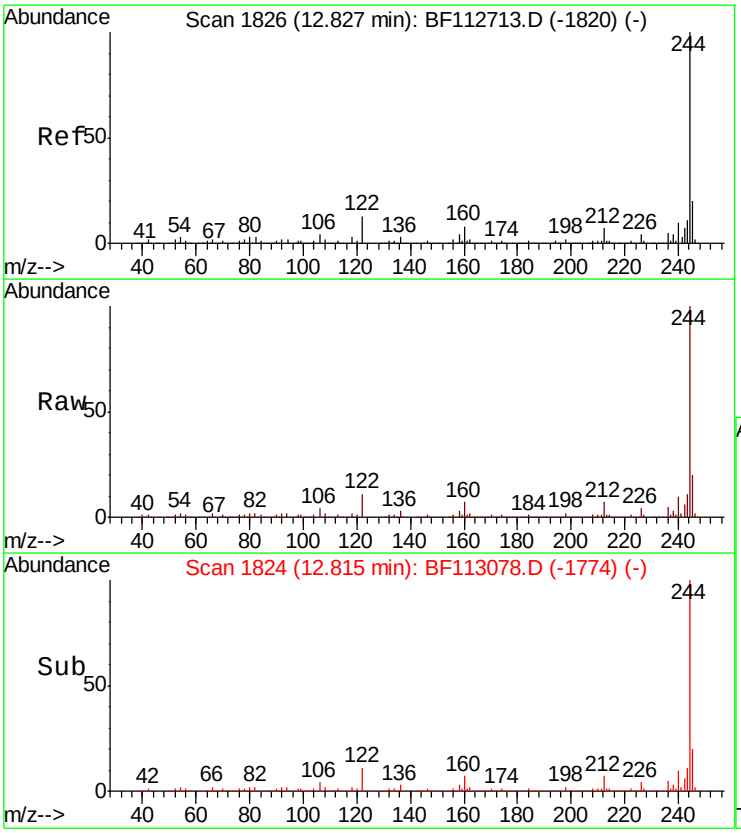
#78
Pyrene
Concen: 7.996 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:202 Resp: 260650

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	17.2	14.4	21.6

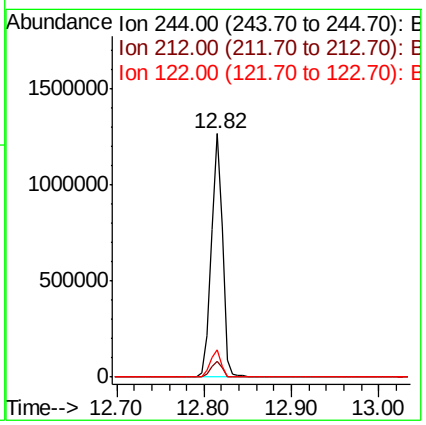


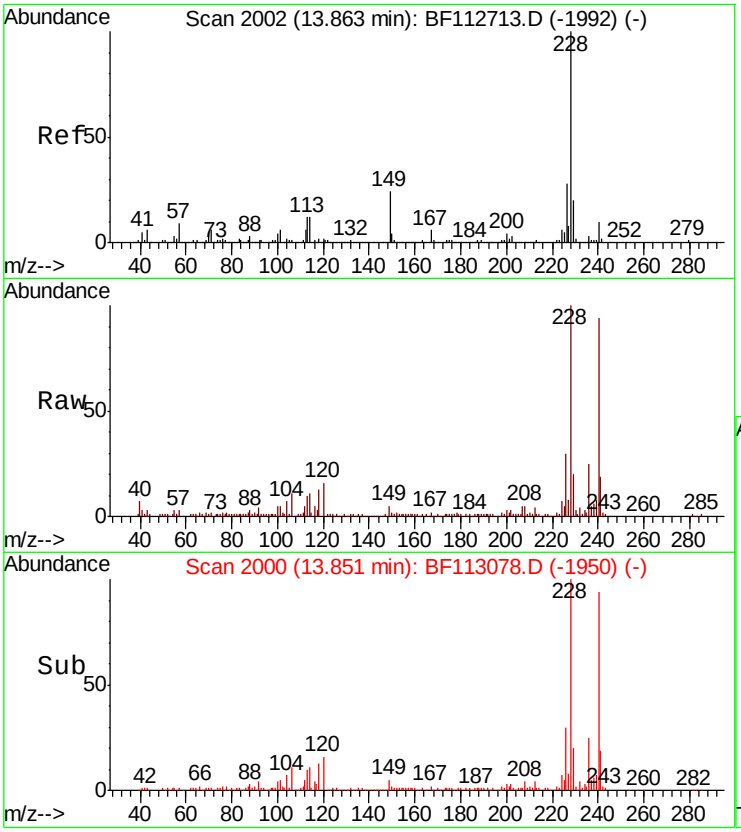


#79
Terphenyl-d14
Concen: 56.687 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:244 Resp: 1130692

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.2	10.5	15.7



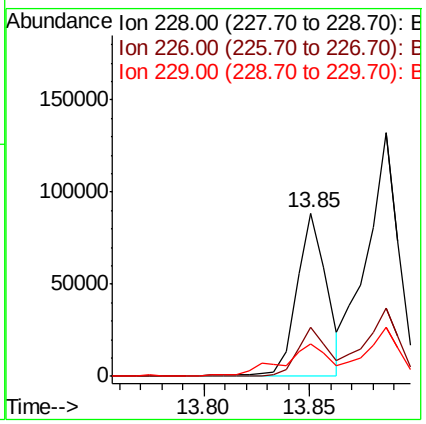


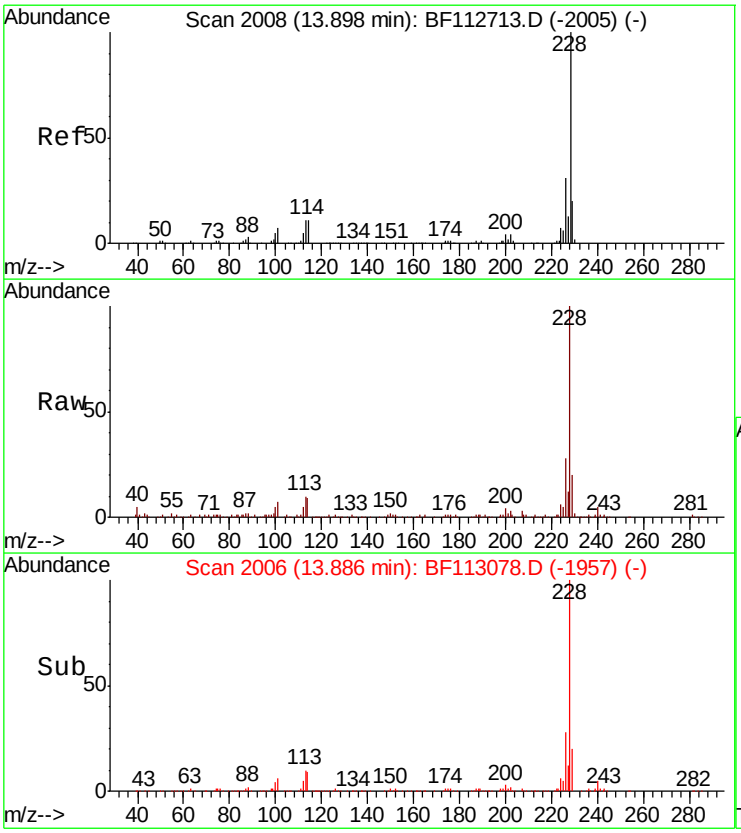
#81
Benzo(a)anthracene
Concen: 3.259 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:228 Resp: 87334

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.4
229	20.0	16.0	24.0

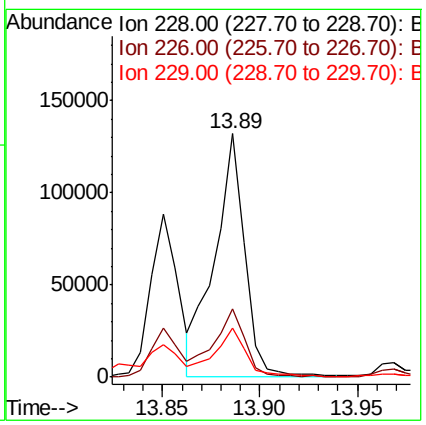


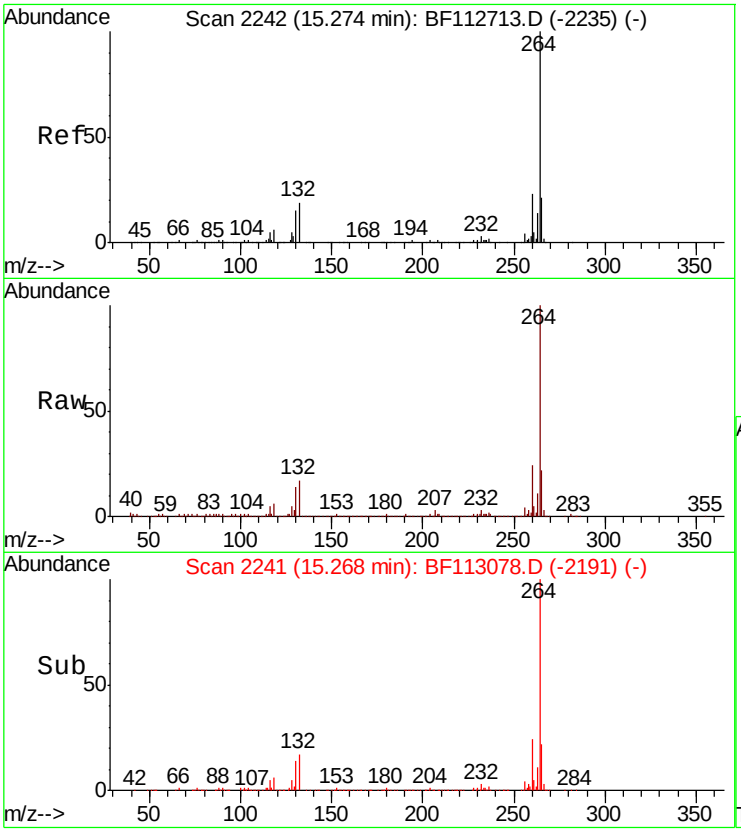


#83
Chrysene
Concen: 5.396 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:228 Resp: 141645

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	20.3	16.3	24.5



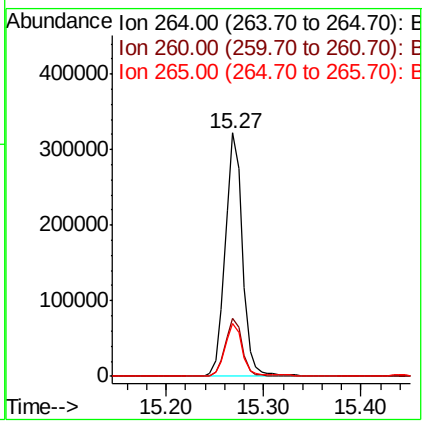


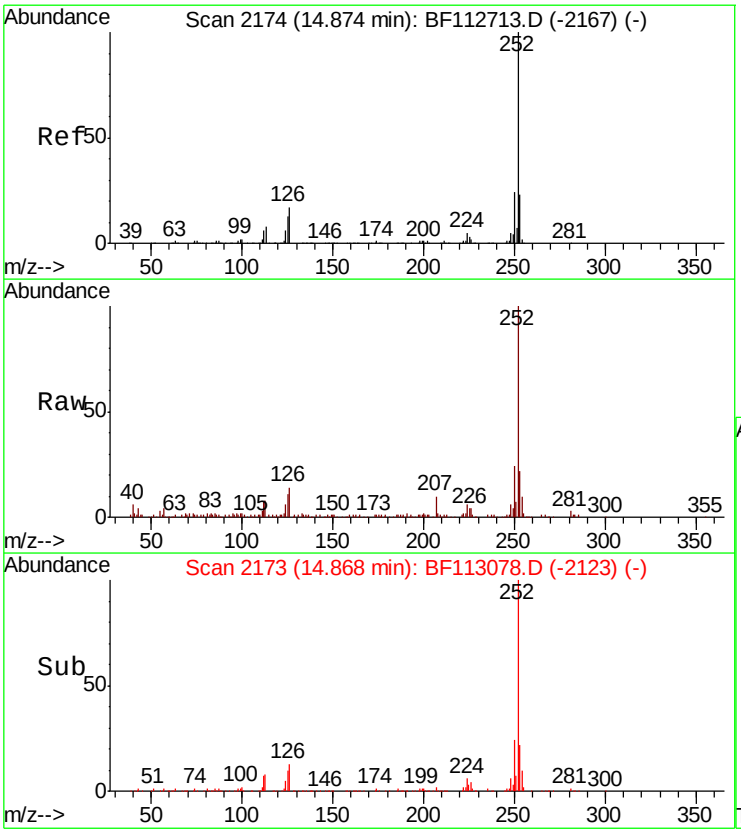
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:264 Resp: 395573

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	17.2	25.8

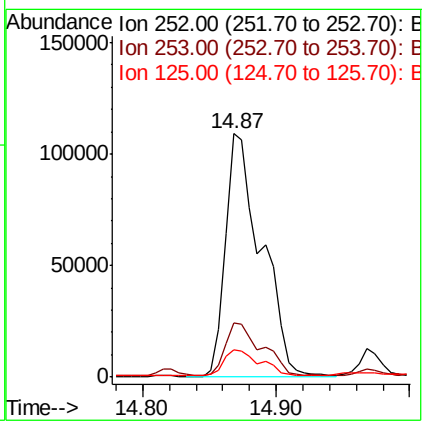


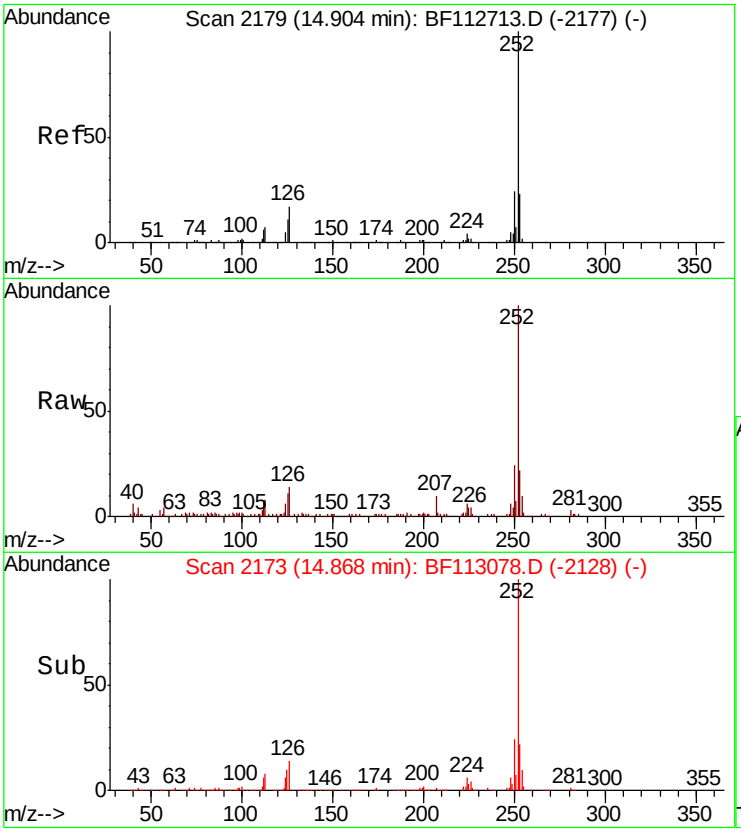


#88
Benzo(b)fluoranthene
Concen: 8.066 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Tgt Ion:252 Resp: 206388

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.0	10.2	15.2





#89
Benzo(k)fluoranthene
Concen: 8.905 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113078.D
Acq: 15 Mar 2019 21:04

Instrument :
BNA_F
ClientSampleId :
RS-2(0.5-1.0)

Tgt Ion:252 Resp: 206388

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.0	9.8	14.6