Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113028.D
Acq On : 13 Mar 2019 9:50
Operator : JU/SJ
Sample : K1817-14RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 13 12:27:52 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	188308	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	642653	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	289147	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	520644	20.00	ng		0.00
76) Chrysene-d12	13.86	240	536922	20.00	ng		0.00
87) Perylene-d12	15.27	264	422764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	876201	72.38	ng		0.00
7) Phenol-d6	6.37	99	1127911	74.17	ng		0.00
23) Nitrobenzene-d5	7.29	82	643436	59.91	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	299138	97.45	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1220314	65.90	ng		0.00
79) Terphenyl-d14	12.82	244	1198879	43.28	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	81576	8.470	ng	#	74
25) Isophorone	7.29	82	643427	27.809	ng	#	66
50) Dimethylphthalate	9.48	163	107548	5.044	ng		98
51) 2,6-Dinitrotoluene	9.76	165	36871	8.305	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	36871	6.681	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	460	4.807	ng	#	66
67) 4-Bromophenyl-phenylether	10.55	248	17041	3.107	ng	#	1
71) Phenanthrene	11.26	178	86461	3.338	ng		100
75) Fluoranthene	12.44	202	143980	5.188	ng		97
78) Pyrene	12.67	202	181338	4.006	ng		98
83) Chrysene	13.89	228	87785	2.408	ng		97
88) Benzo(b)fluoranthene	14.87	252	98880	3.616	ng	#	94
89) Benzo(k)fluoranthene	14.87	252	98880	3.992	ng	#	94
90) Benzo(a)pyrene	15.21	252	51699	2.137	ng	#	93

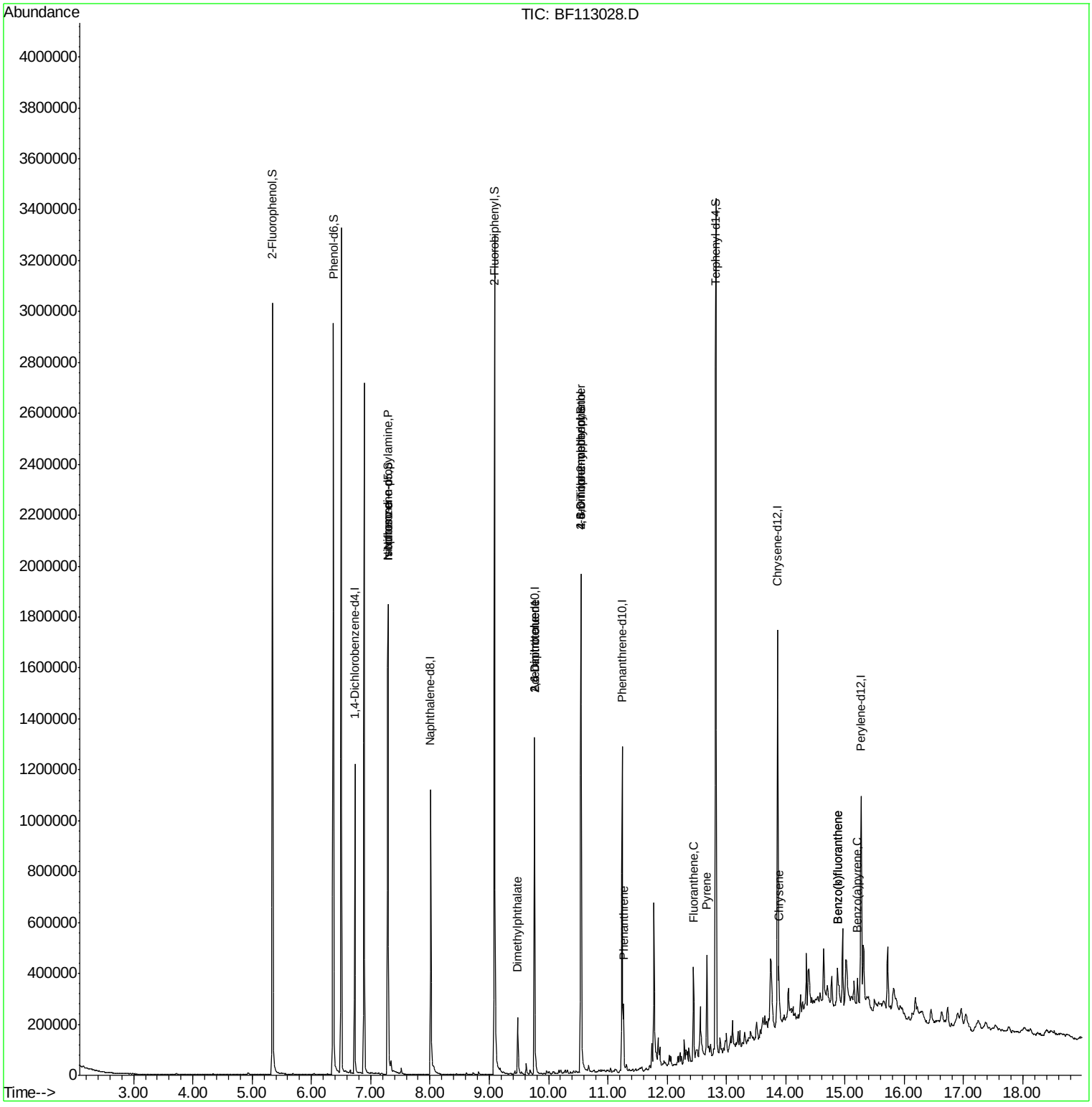
(#) = qualifier out of range (m) = manual integration (+) = signals summed

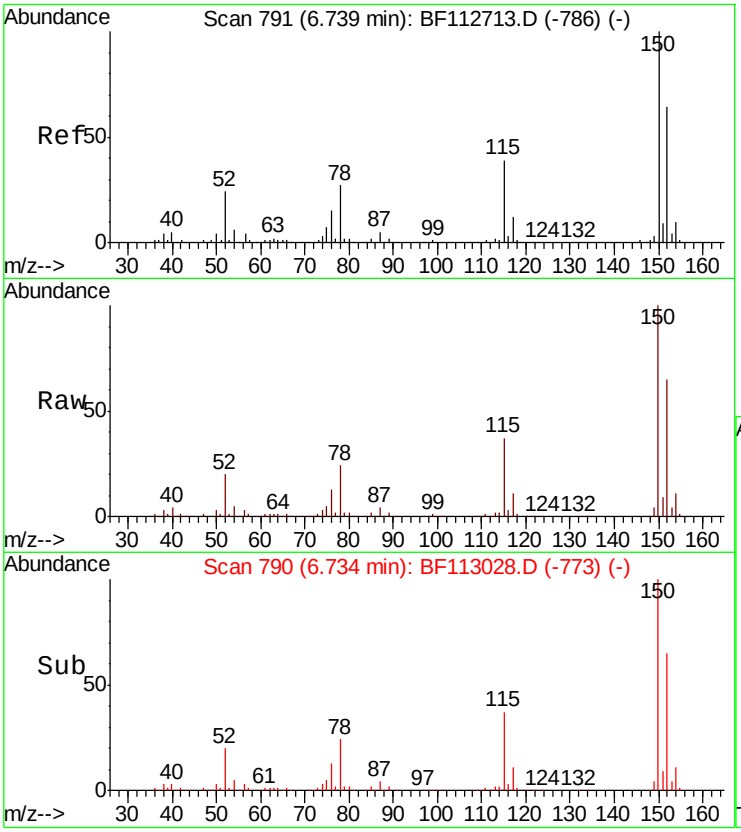
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113028.D
Acq On : 13 Mar 2019 9:50
Operator : JU/SJ
Sample : K1817-14RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 13 12:27:52 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



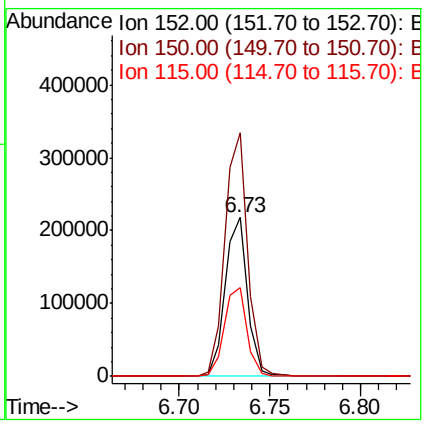


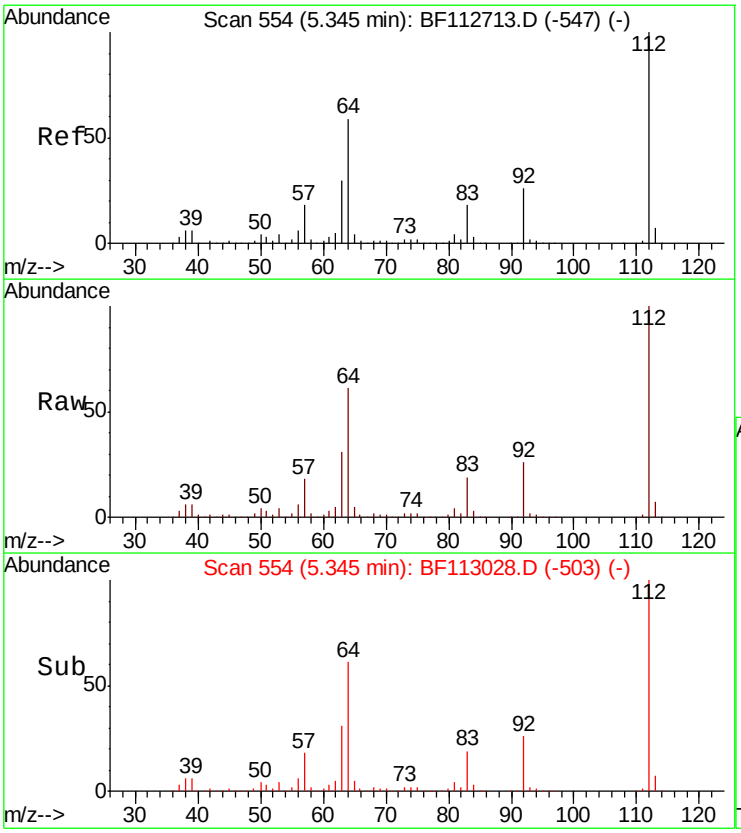
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 188308

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.2
115	56.3	48.2	72.4

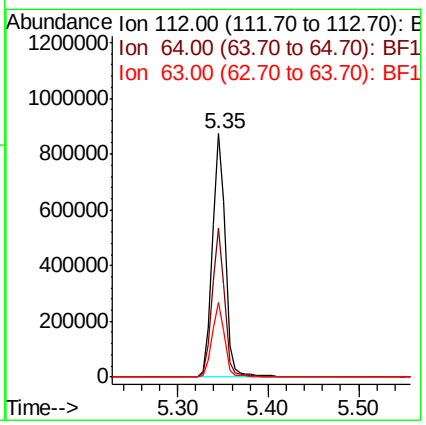


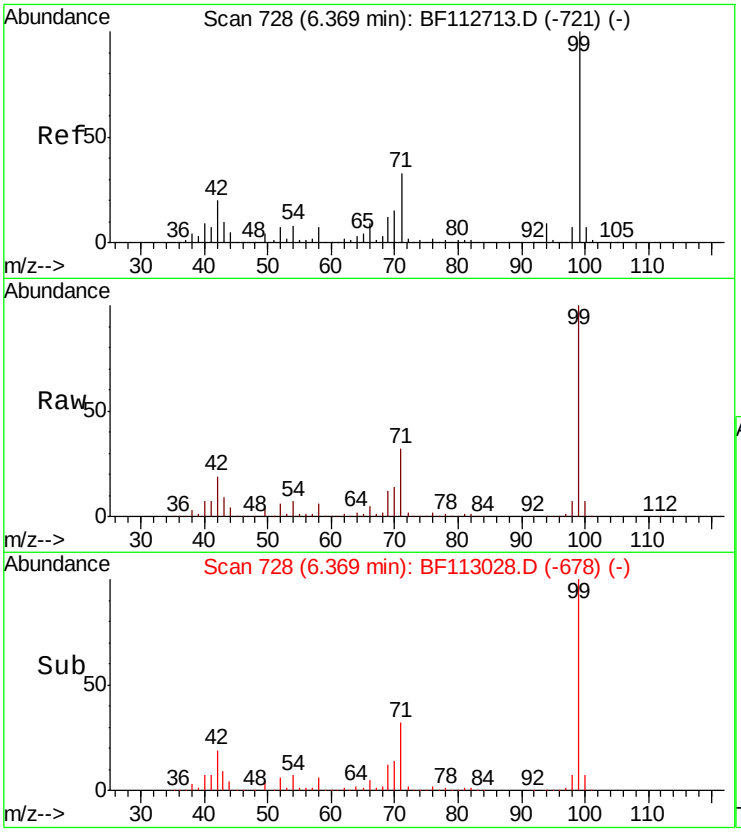


#5
2-Fluorophenol
Concen: 72.380 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:112 Resp: 876201

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.6	71.4
63	30.7	24.4	36.6



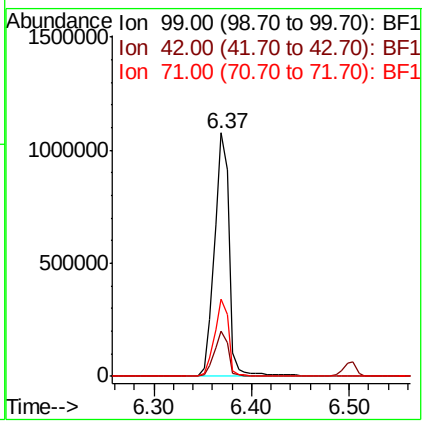


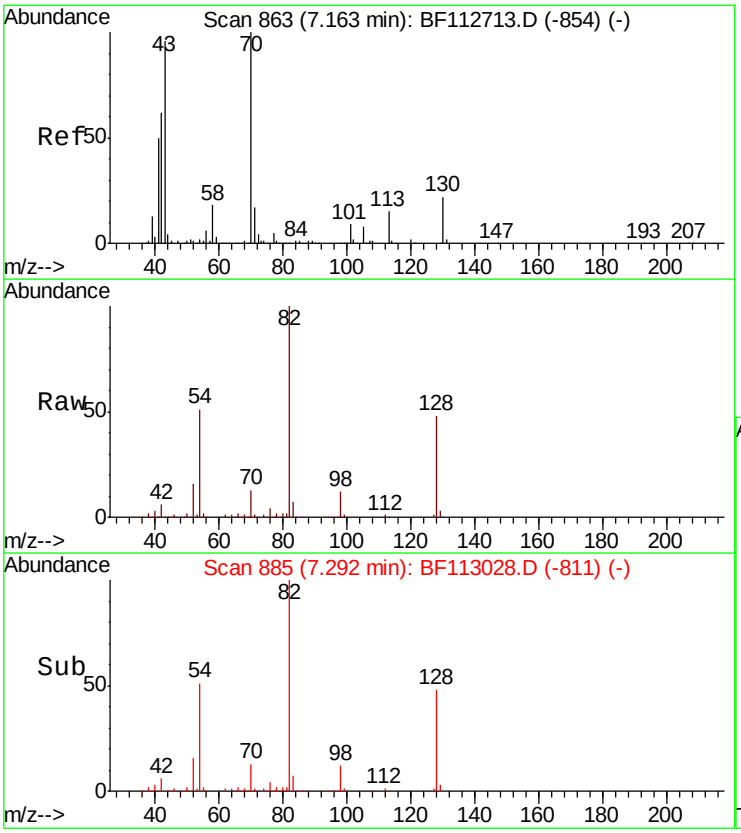
#7
Phenol-d6
Concen: 74.172 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1127911

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	31.9	26.2	39.4

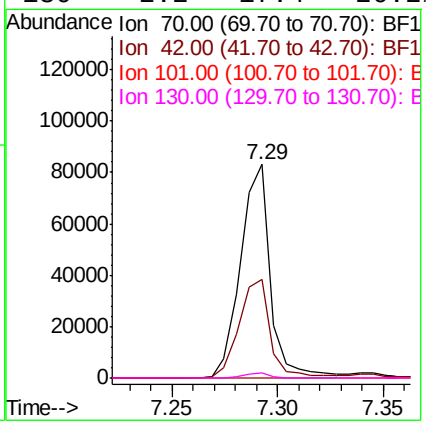


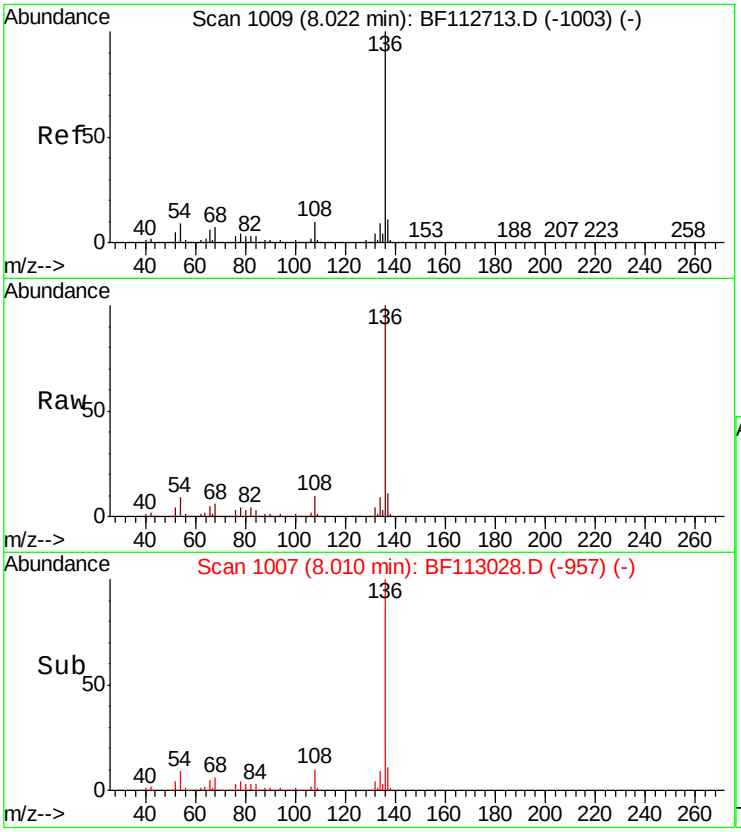


#19
n-Nitroso-di-n-propylamine
Concen: 8.470 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion: 70 Resp: 81576

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



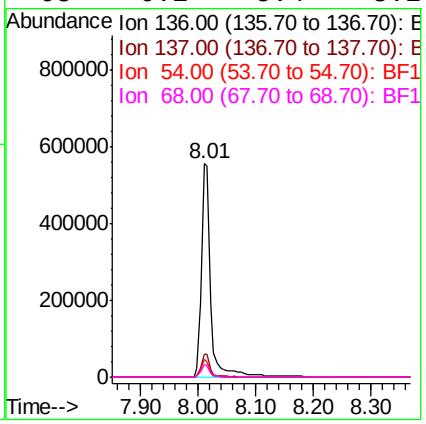


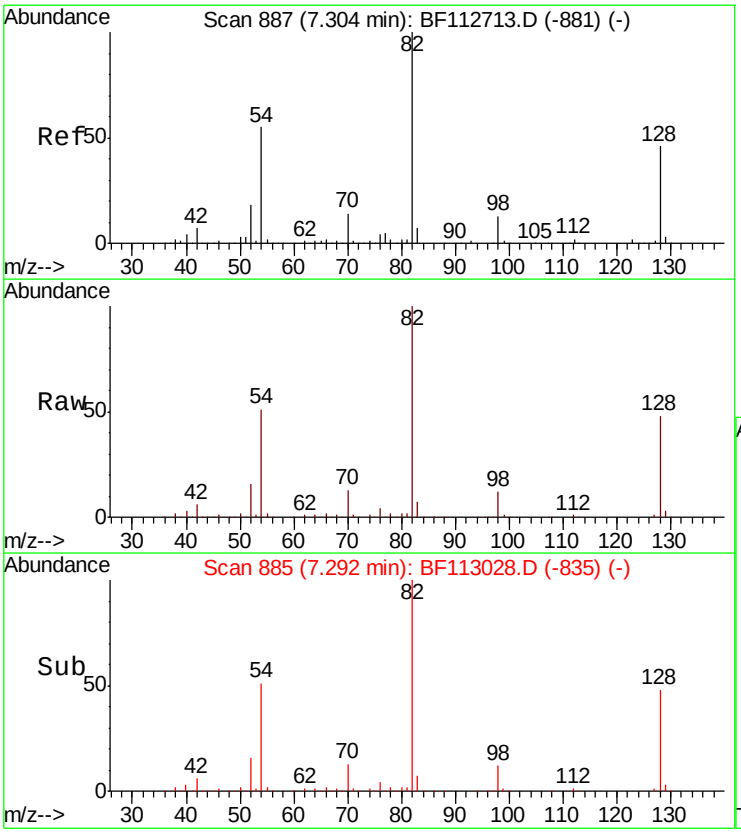
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 642653

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.3	10.9
68	6.2	5.4	8.2

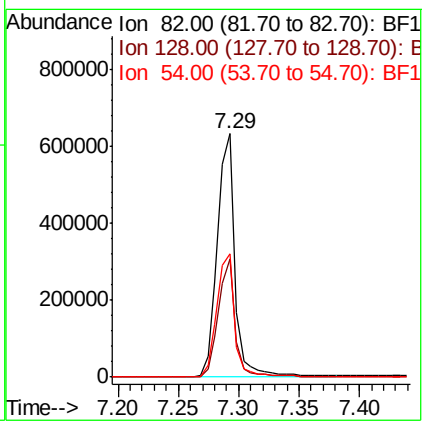


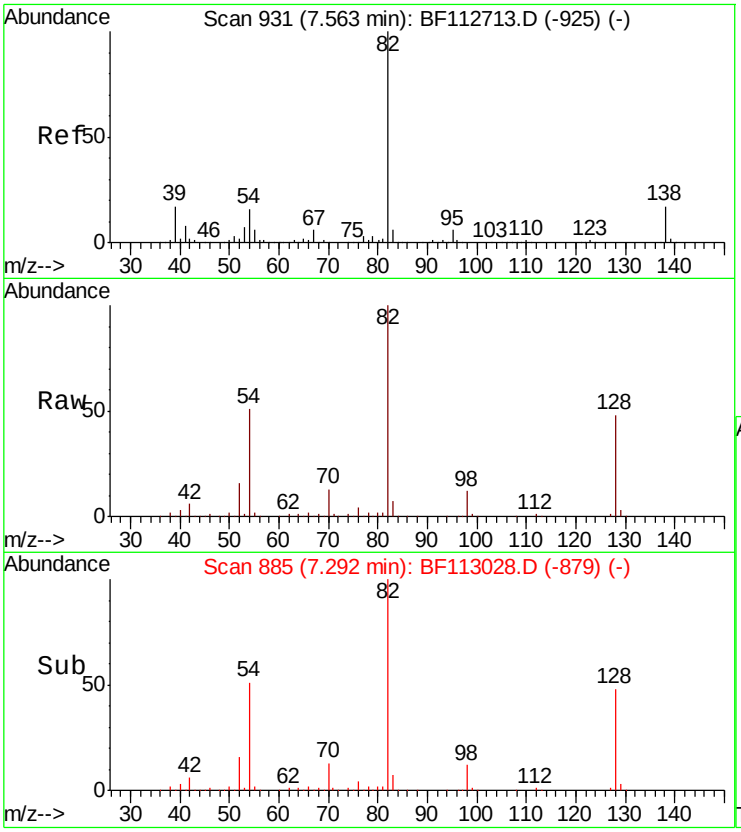


#23
Nitrobenzene-d5
Concen: 59.911 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion: 82 Resp: 643436

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	50.6	43.7	65.5



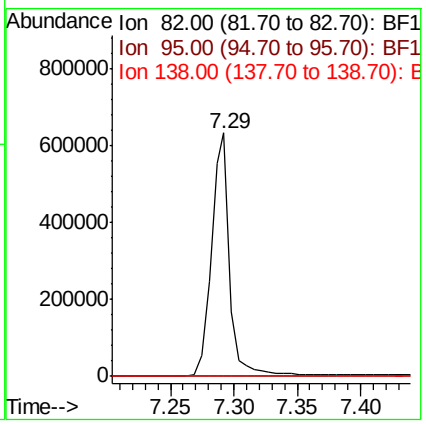


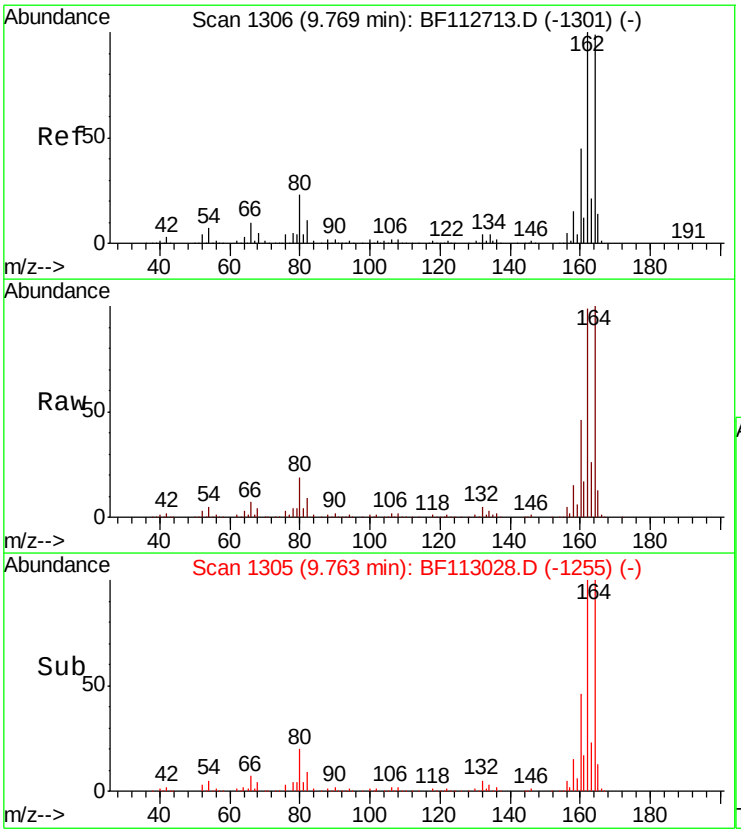
#25
Isophorone
Concen: 27.809 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 643427

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

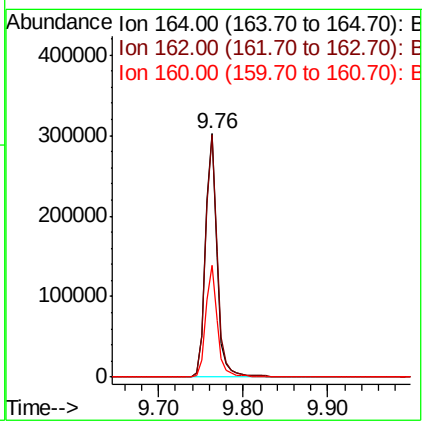


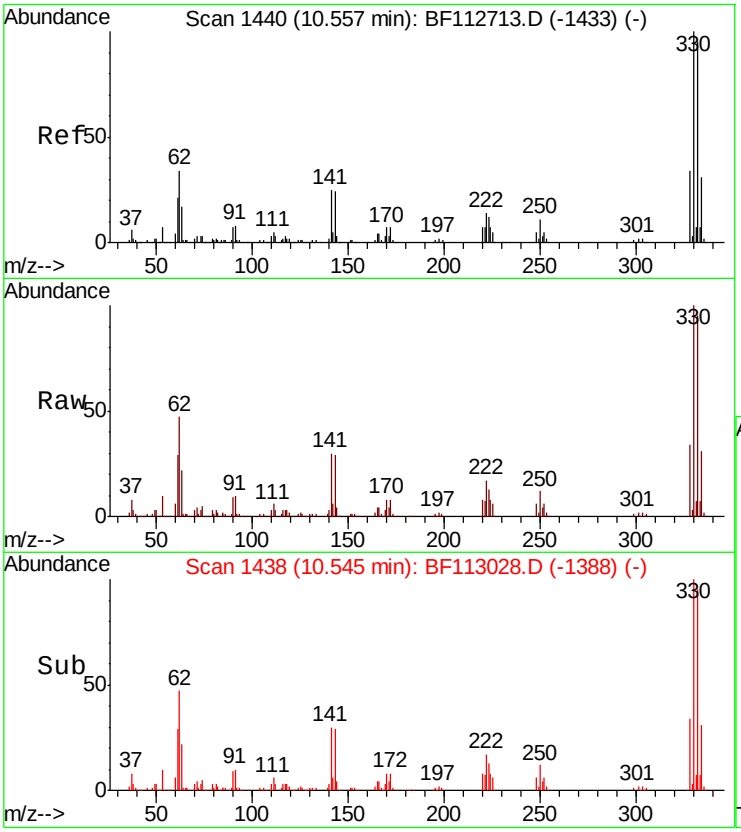


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:164 Resp: 289147

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	120.8
160	45.8	36.0	54.0



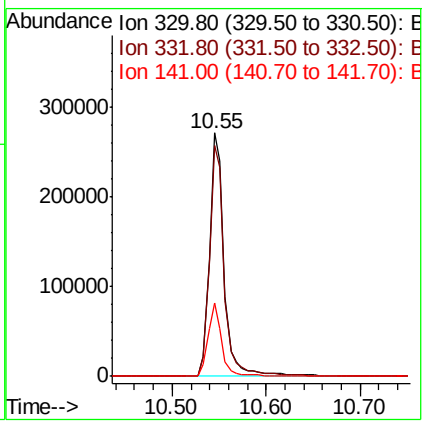


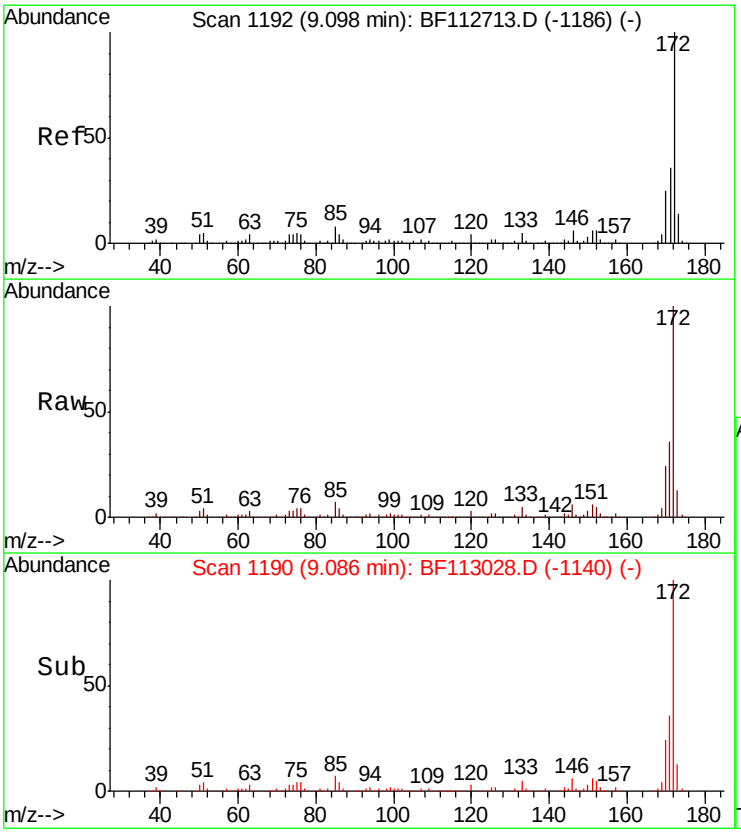
#42
2,4,6-Tribromophenol
Concen: 97.450 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 299138

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	28.5	27.0	40.6

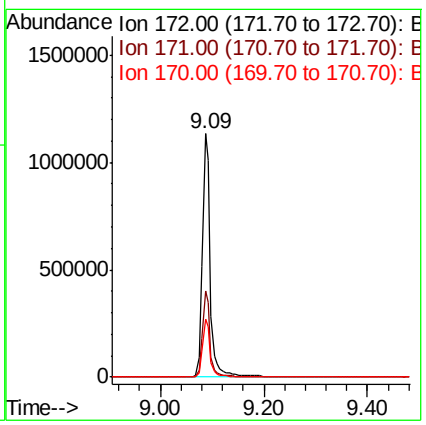


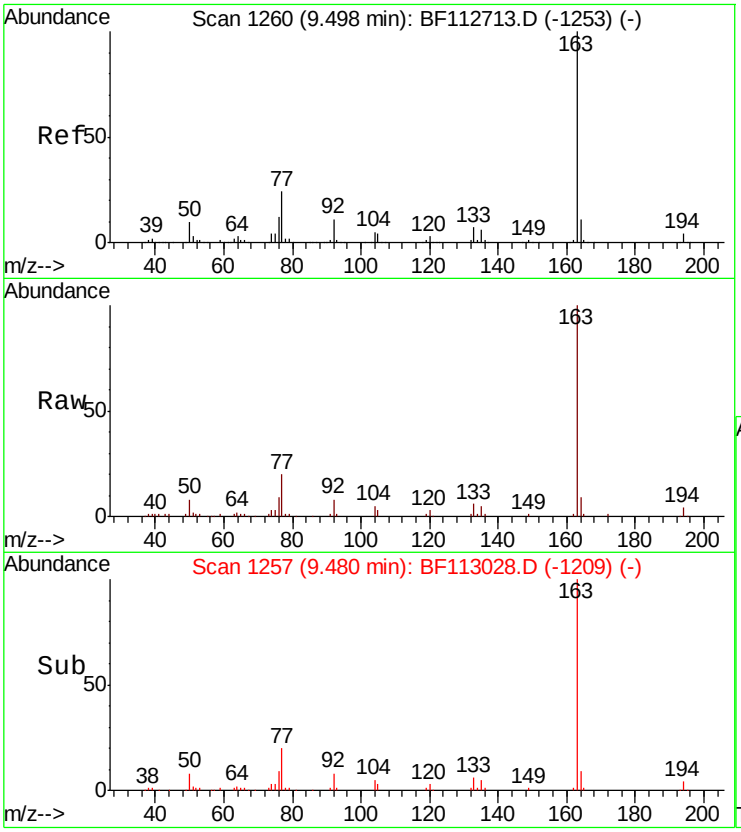


#45
2-Fluorobiphenyl
Concen: 65.904 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:172 Resp: 1220314

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.8	20.0	30.0



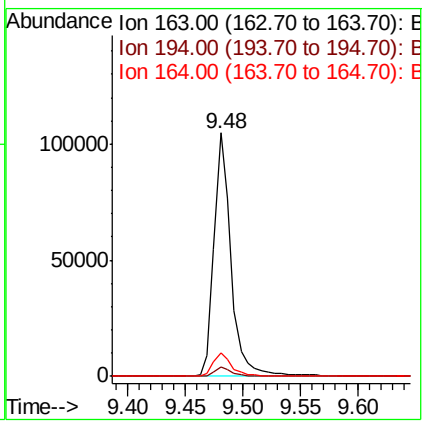


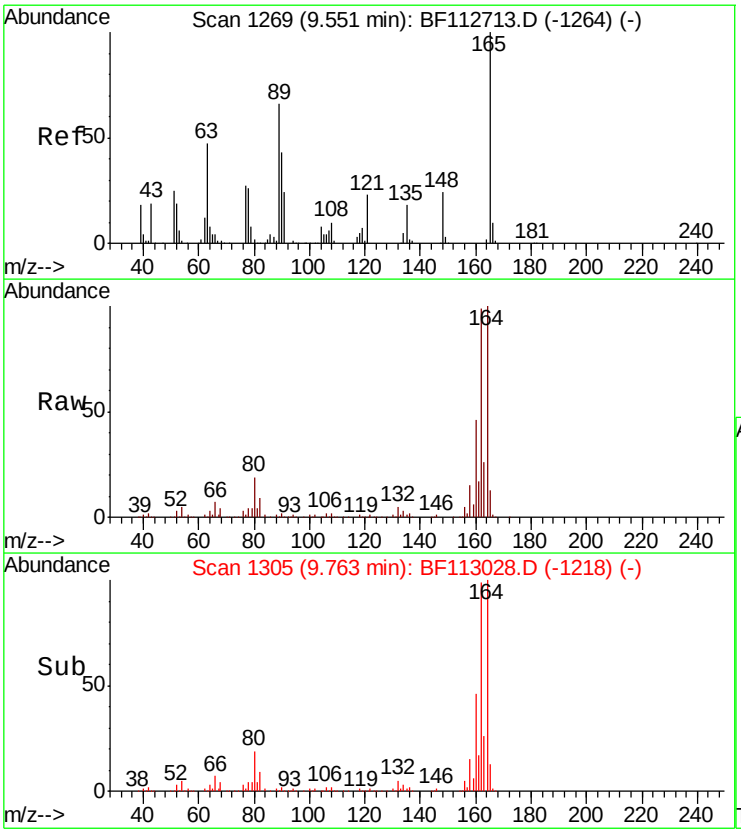
#50
Dimethylphthalate
Concen: 5.044 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 107548

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.5	8.4	12.6

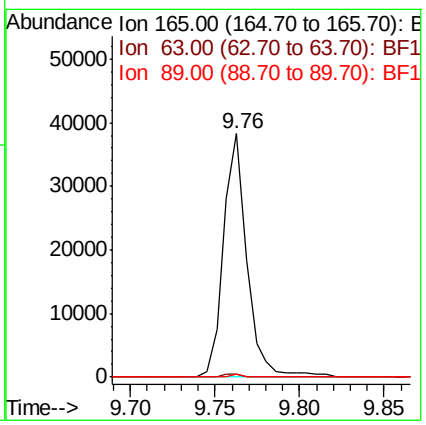


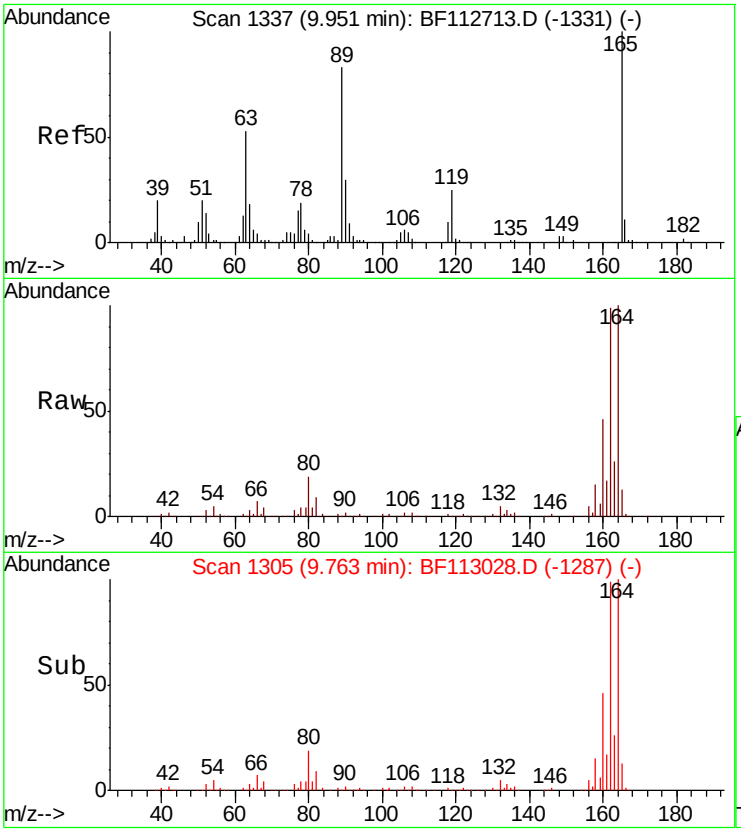


#51
2,6-Dinitrotoluene
Concen: 8.305 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:165 Resp: 36871

Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.4	52.8	79.2#



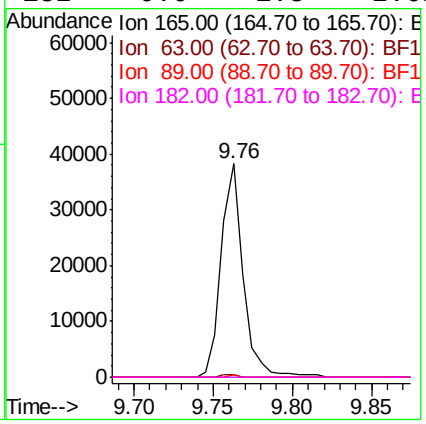


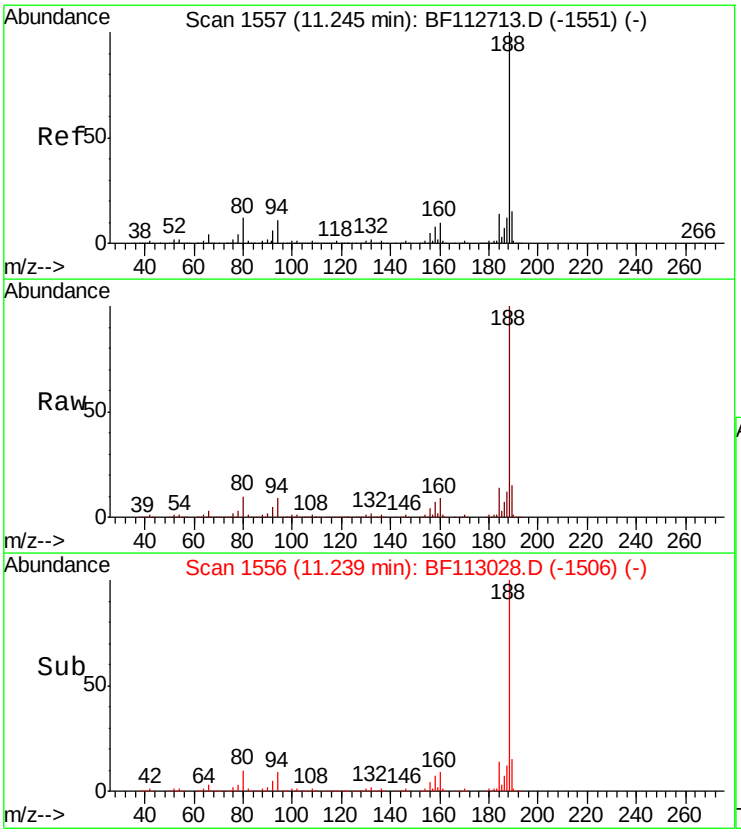
#57
2,4-Dinitrotoluene
Concen: 6.681 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36871

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

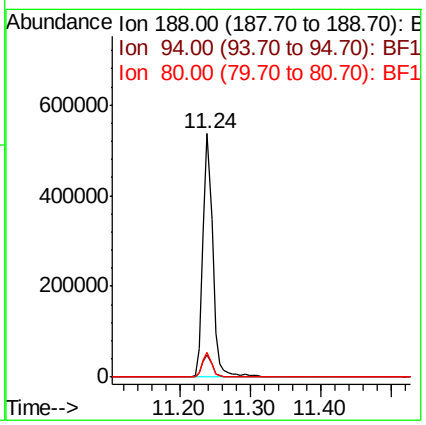


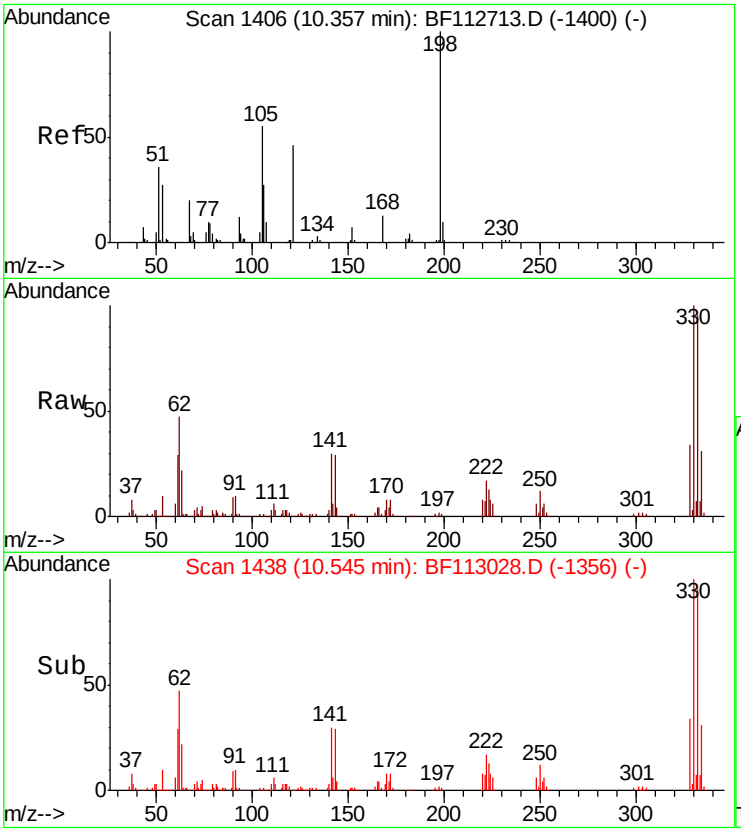


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:188 Resp: 520644

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.9	9.2	13.8



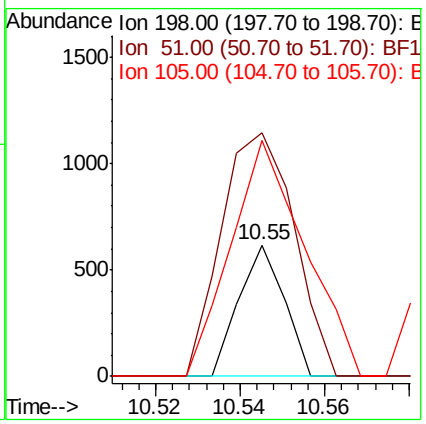


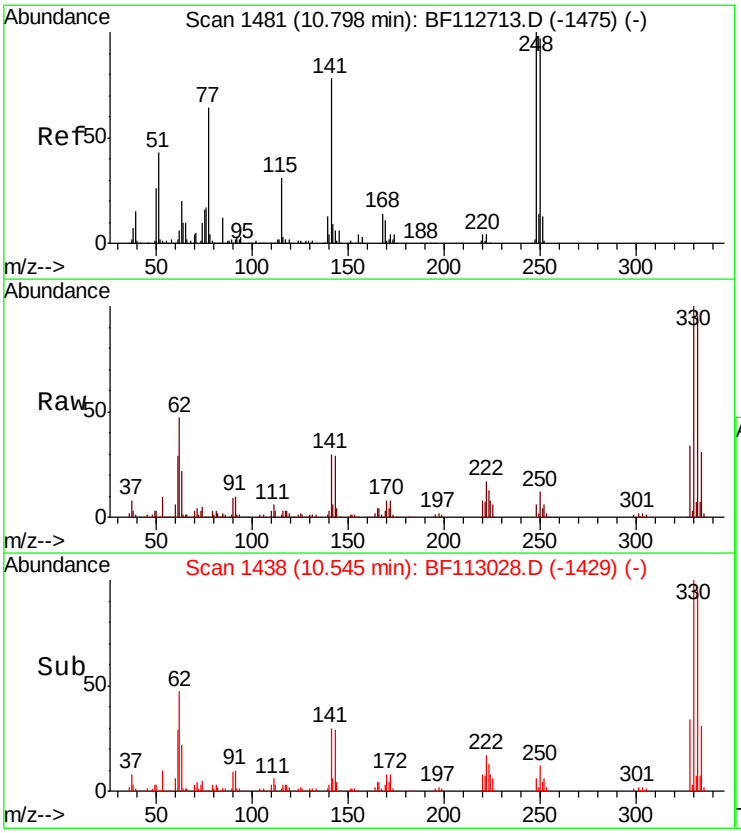
#65
4,6-Dinitro-2-methylphenol
Concen: 4.807 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 460

Ion	Ratio	Lower	Upper
198	100		
51	35.1	43.8	83.8#
105	33.9	36.5	76.5#

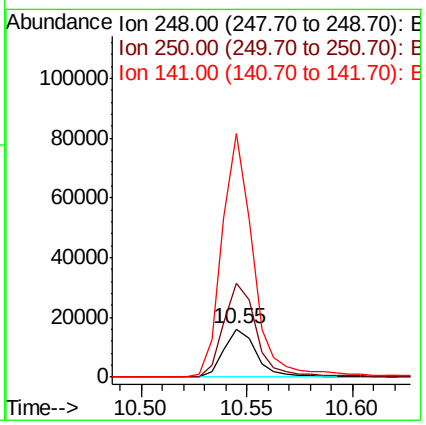


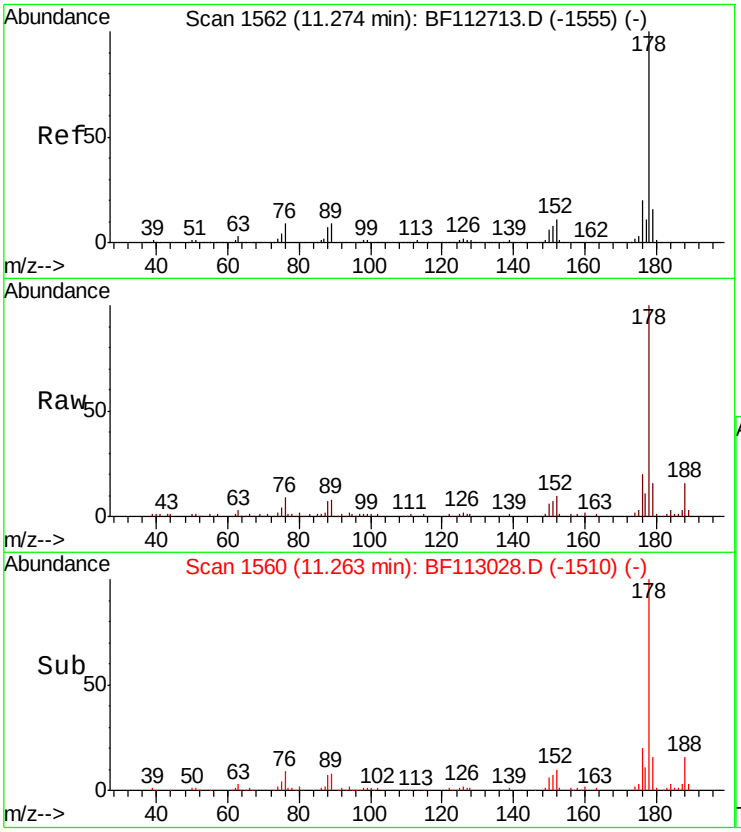


#67
4-Bromophenyl-phenylether
Concen: 3.107 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:248 Resp: 17041

Ion	Ratio	Lower	Upper
248	100		
250	196.8	77.5	116.3#
141	507.4	62.4	93.6#



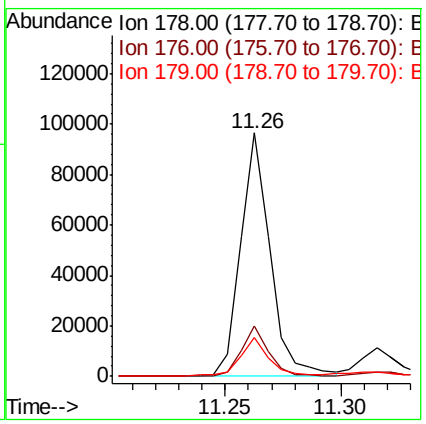


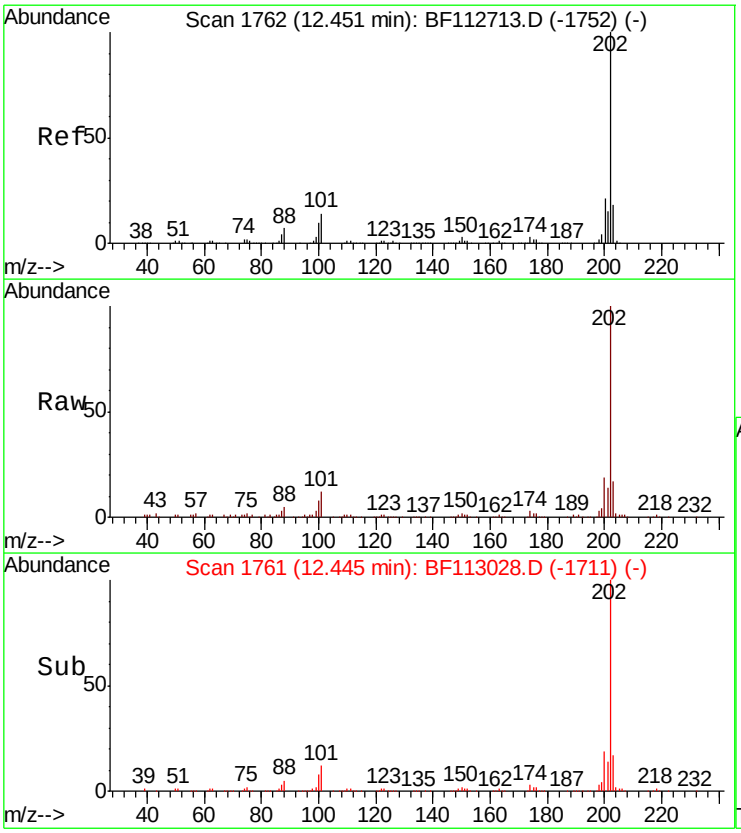
#71
Phenanthrene
Concen: 3.338 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 86461

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.3	24.5
179	15.8	12.7	19.1

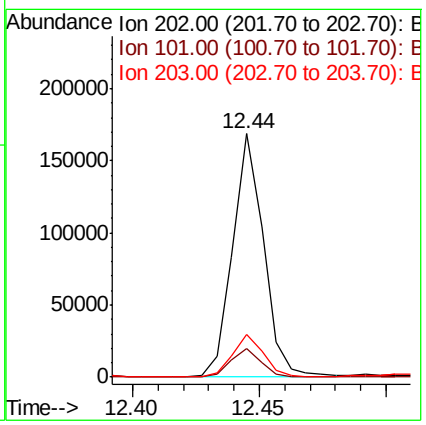


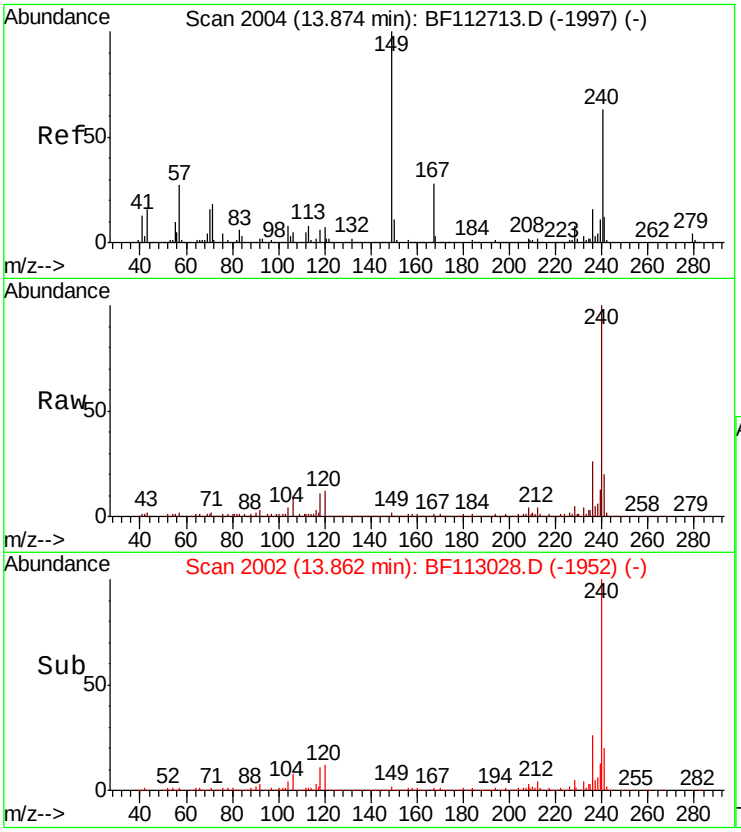


#75
Fluoranthene
Concen: 5.188 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:202 Resp: 143980

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	17.5	0.0	38.4



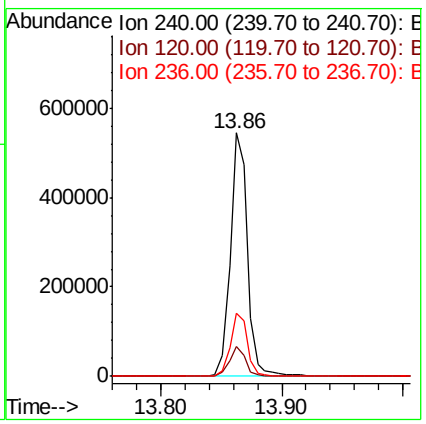


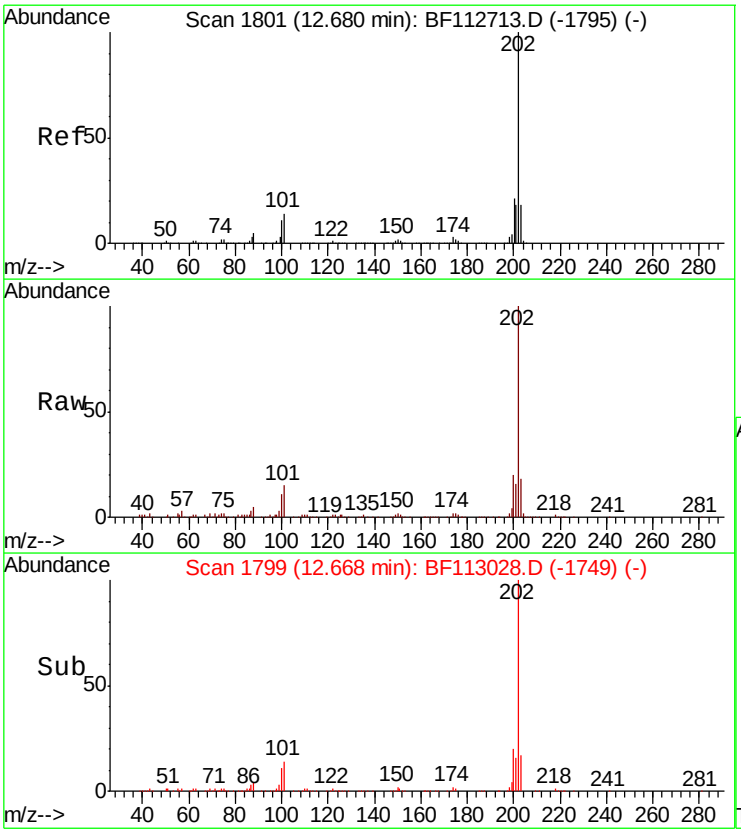
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 536922

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	25.8	20.7	31.1

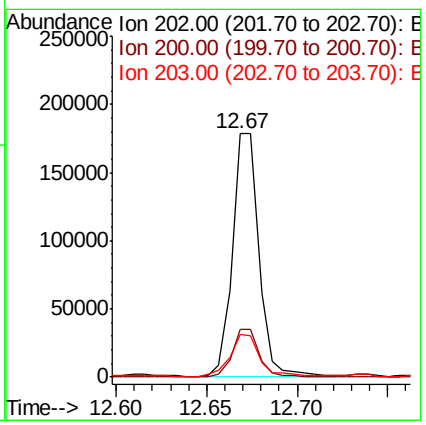


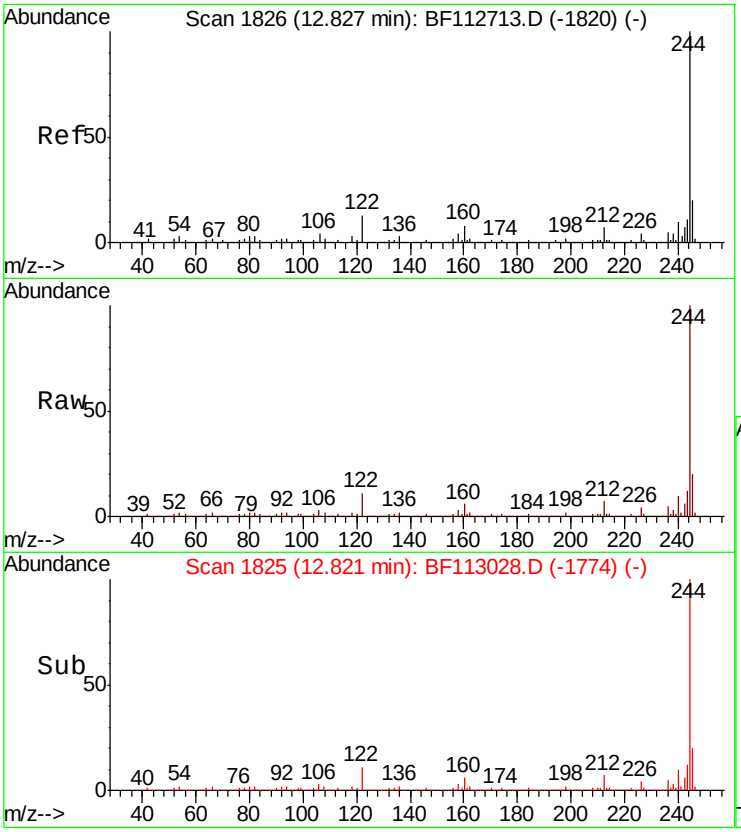


#78
Pyrene
Concen: 4.006 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:202 Resp: 181338

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.4
203	17.7	14.4	21.6



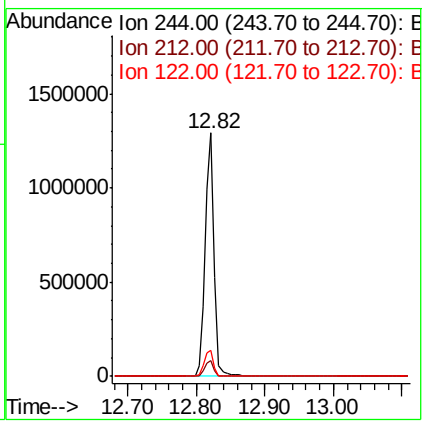


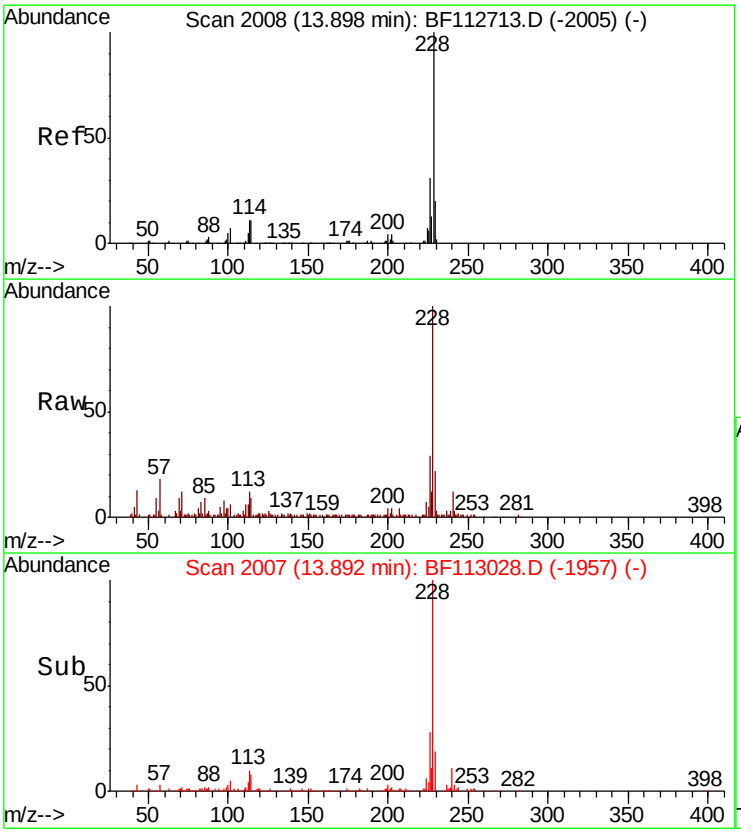
#79
Terphenyl-d14
Concen: 43.284 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1198879

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.6	10.5	15.7

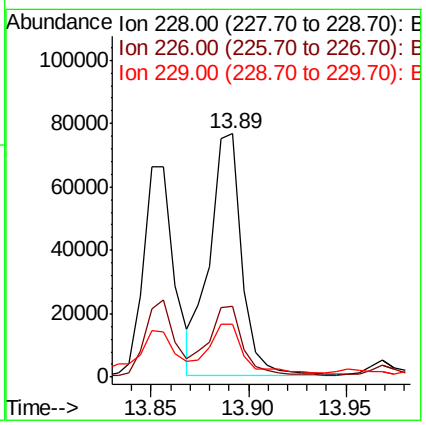


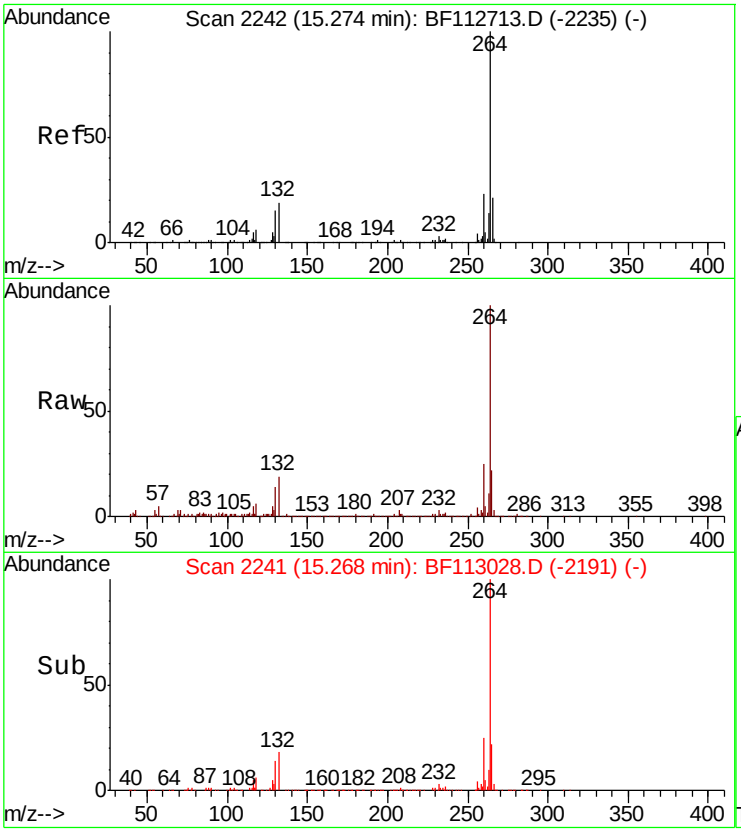


#83
Chrysene
Concen: 2.408 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:228 Resp: 87785

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	21.8	16.3	24.5



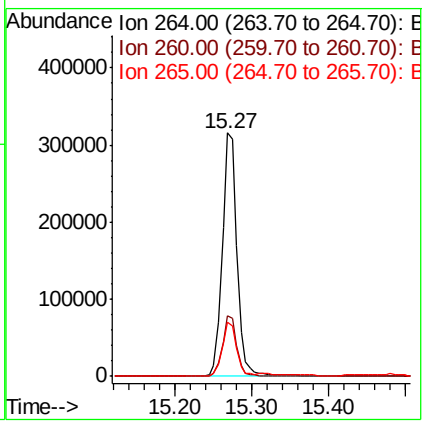


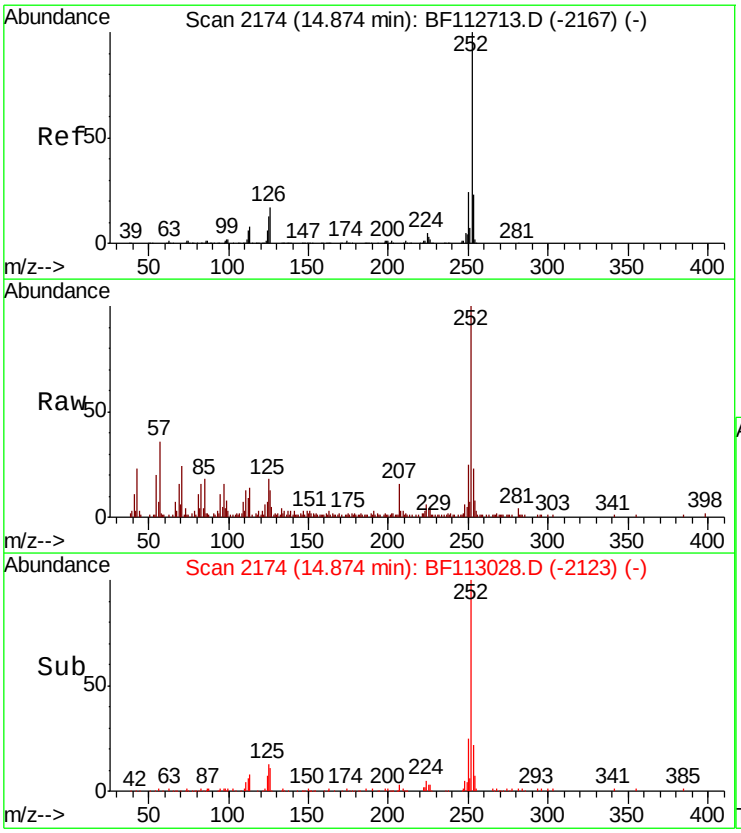
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 422764

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.3	17.2	25.8

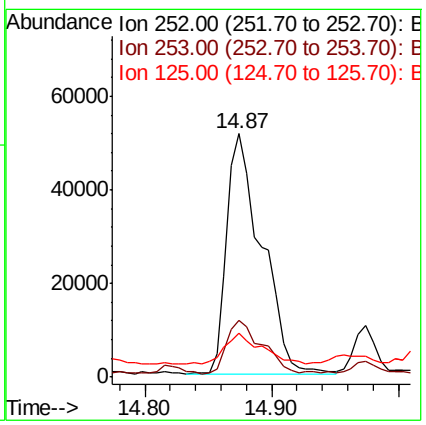


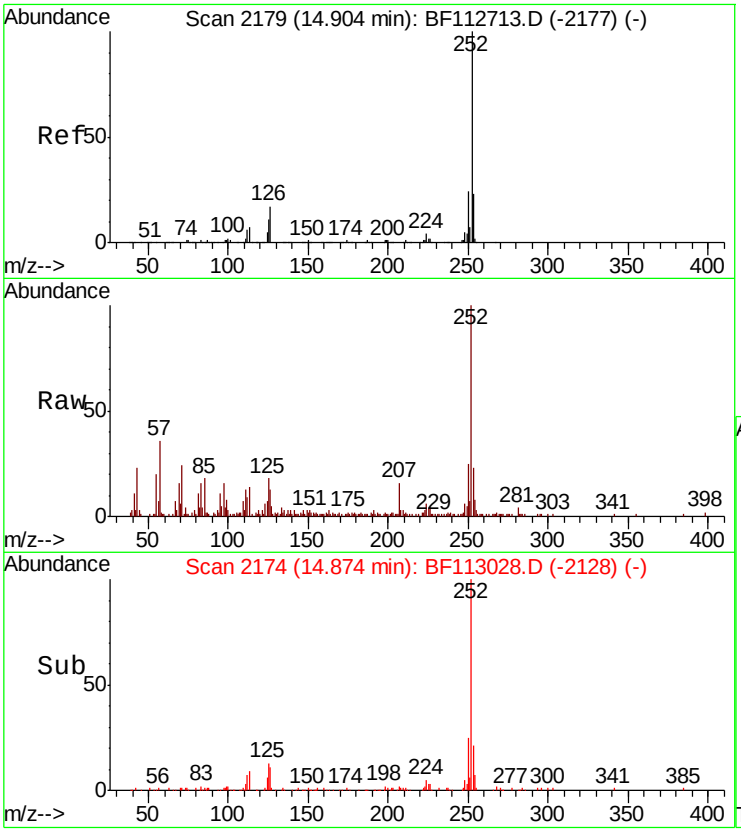


#88
Benzo(b)fluoranthene
Concen: 3.616 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:252 Resp: 98880

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	18.2	10.2	15.2#



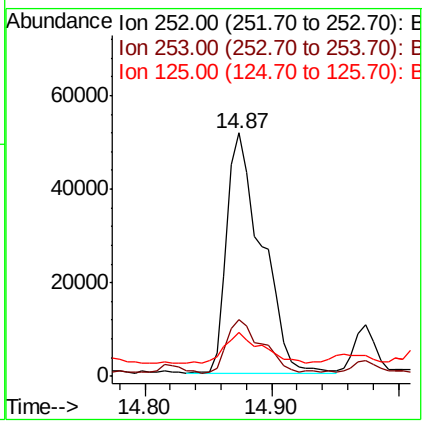


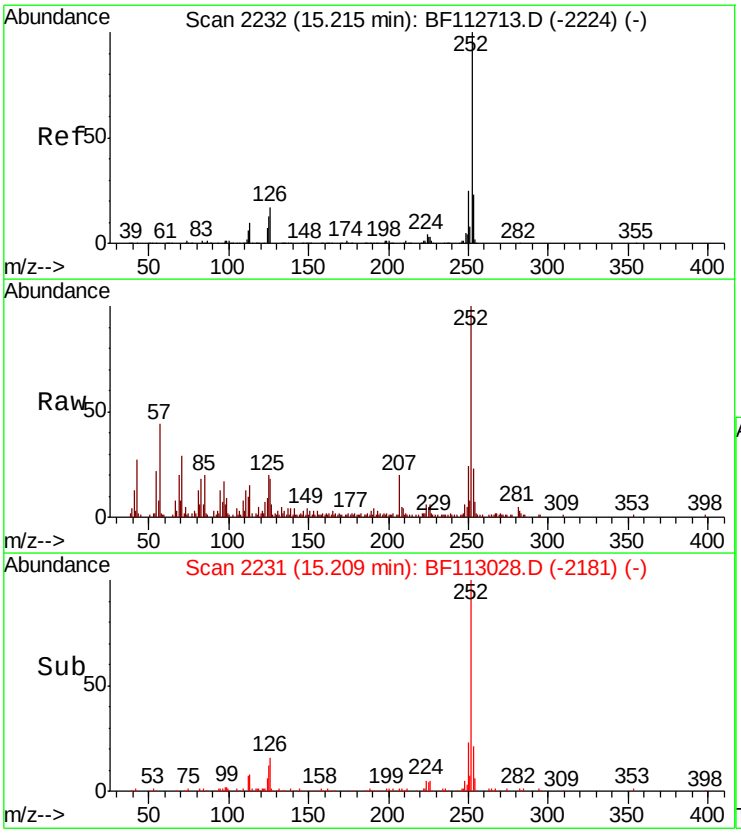
#89
Benzo(k)fluoranthene
Concen: 3.992 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98880

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	18.2	9.8	14.6#





#90
Benzo(a)pyrene
Concen: 2.137 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113028.D
Acq: 13 Mar 2019 9:50

Tgt Ion:252 Resp: 51699

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	20.4	10.7	16.1#