Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103690.D
Acq On : 16 Mar 2018 12:24
Operator : JU/SJ
Sample : J1867-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 16 13:30:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 13:24:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	168092	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	700276	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	332223	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	619062	20.00	ng		0.00
75) Chrysene-d12	14.14	240	540611	20.00	ng		0.00
86) Perylene-d12	15.67	264	419248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	539300	48.80	ng		0.00
7) Phenol-d6	6.57	99	392824	29.05	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1002551	99.84	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	389927	136.51	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1670009	80.18	ng		0.00
78) Terphenyl-d14	13.09	244	1681764	72.21	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	24062	2.709	ng	#	77
18) Hexachloroethane	7.49	117	12491	2.680	ng	#	4
19) n-Nitroso-di-n-propylamine	7.53	70	133750	15.436	ng	#	76
25) Isophorone	7.53	82	1002524	43.126	ng	#	64
32) Benzoic acid	7.94	122	10847	11.130	ng		92
35) Caprolactam	8.64	113	19019	6.096	ng		93
47) 2-Nitroaniline	9.52	65	138	6.835	ng	#	2
49) Dimethylphthalate	9.71	163	52979	2.090	ng		99
50) 2,6-Dinitrotoluene	9.69	165	3405	4.621	ng	#	55
55) 4-Nitrophenol	10.16	139	386	5.048	ng	#	63
56) 2,4-Dinitrotoluene	10.16	165	1872	6.476	ng	#	56
61) 4-Nitroaniline	10.62	138	289	3.796	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.57	198	112	8.169	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	23100	3.634	ng	#	1

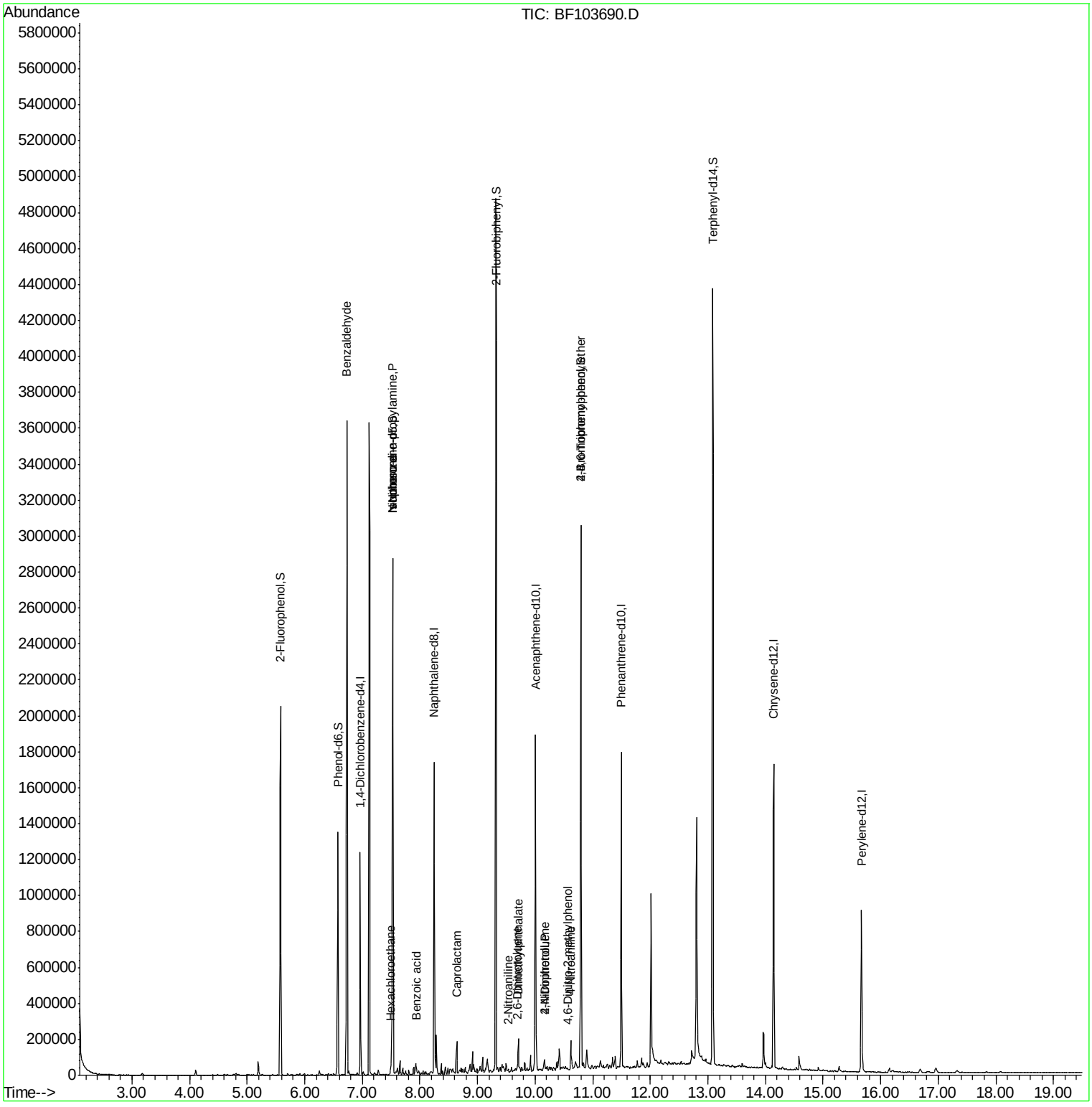
(#) = qualifier out of range (m) = manual integration (+) = signals summed

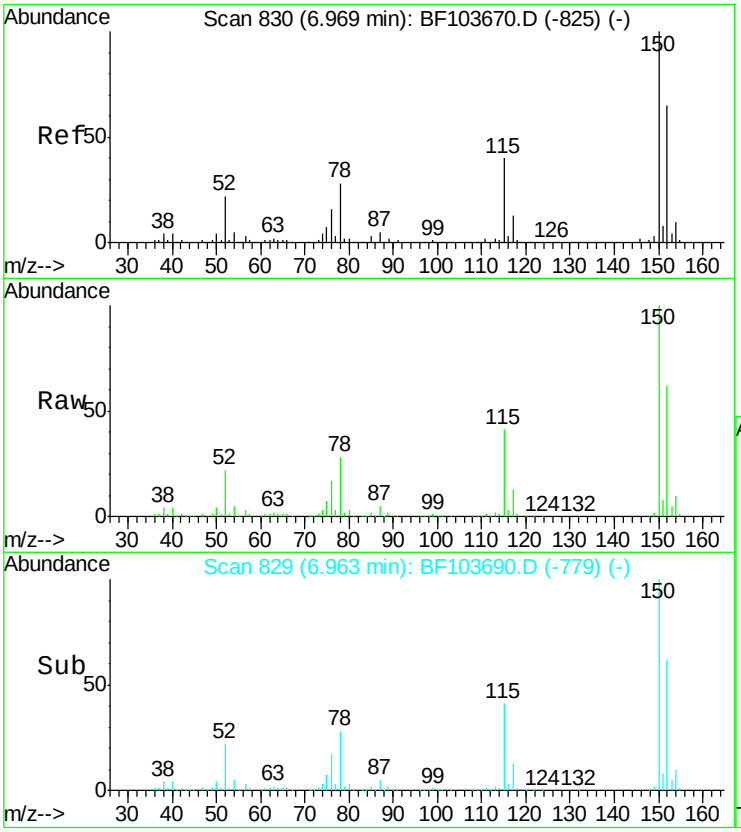
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103690.D
Acq On : 16 Mar 2018 12:24
Operator : JU/SJ
Sample : J1867-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 16 13:30:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 13:24:19 2018
Response via : Initial Calibration



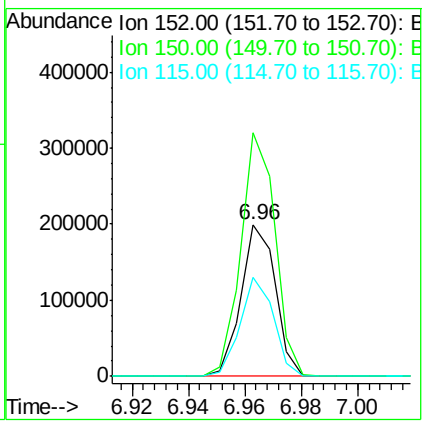


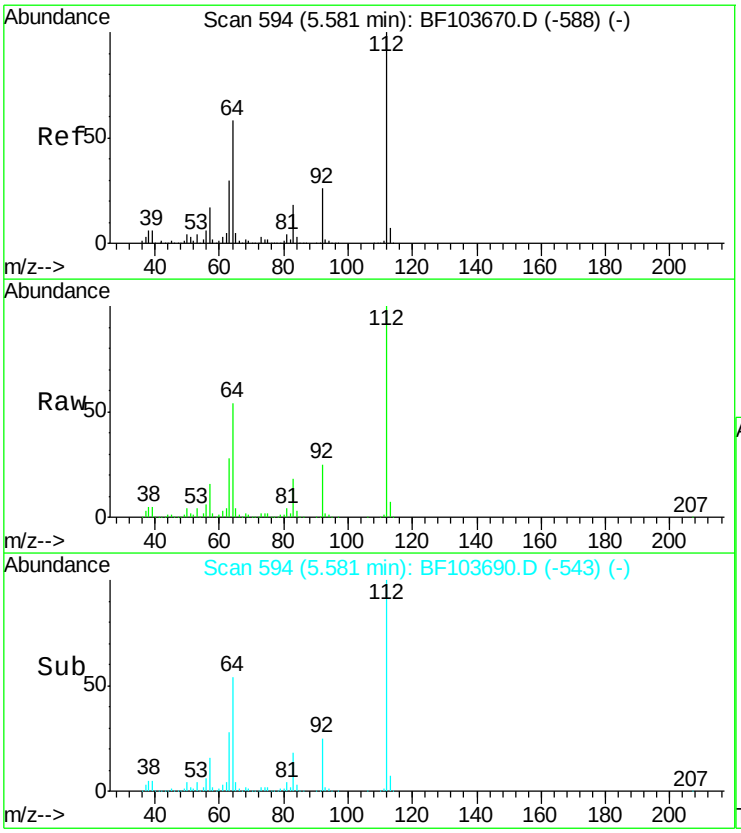
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168092

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	65.6	50.1	75.1

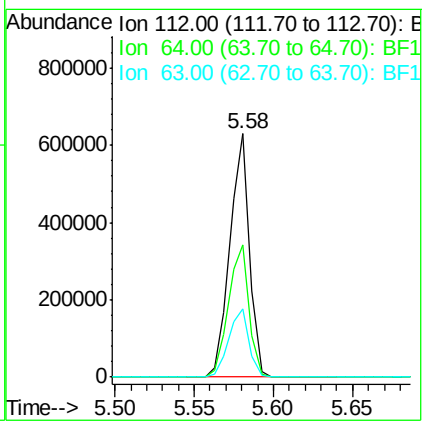


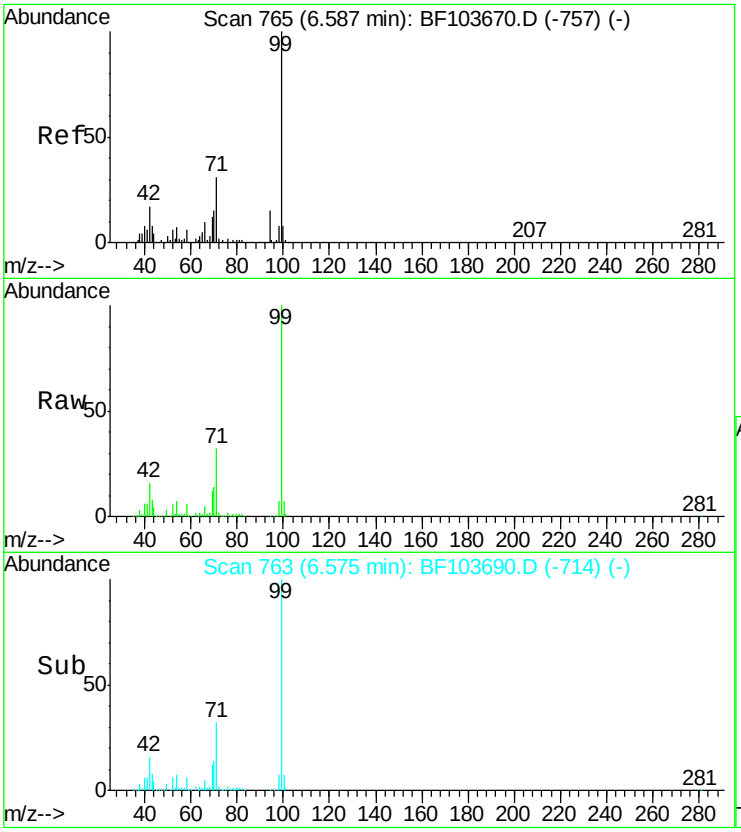


#5
2-Fluorophenol
Concen: 48.799 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:112 Resp: 539300

Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	27.9	23.7	35.5



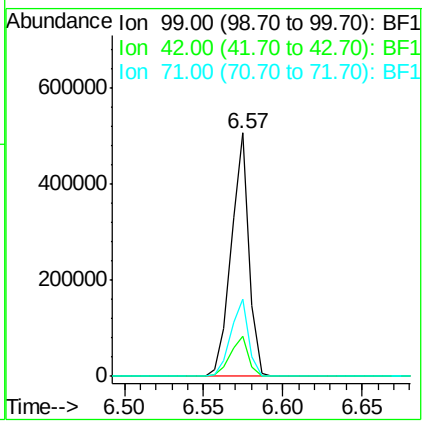


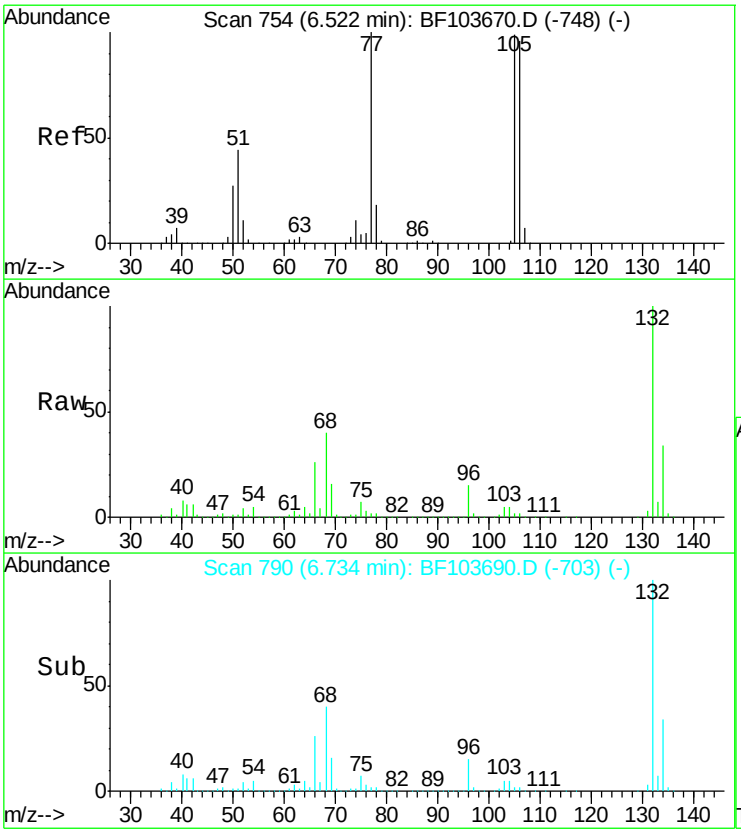
#7
Phenol-d6
Concen: 29.054 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 392824

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.7	25.4	38.0

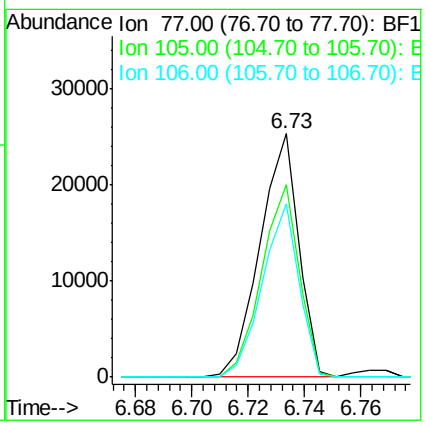


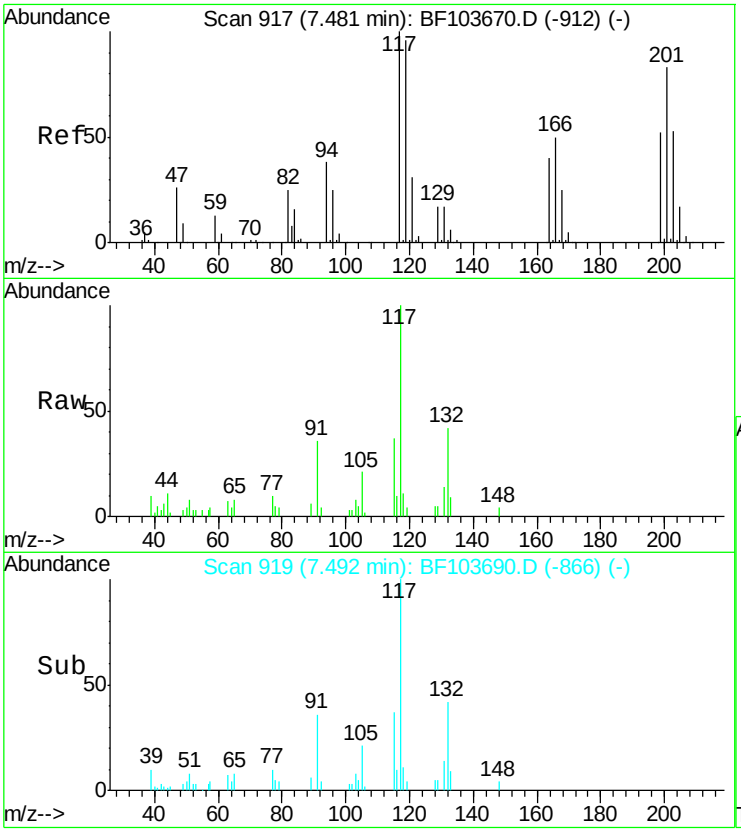


#9
Benzaldehyde
Concen: 2.709 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.21 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion: 77 Resp: 24062

Ion	Ratio	Lower	Upper
77	100		
105	78.9	81.1	121.1#
106	70.9	74.5	114.5#



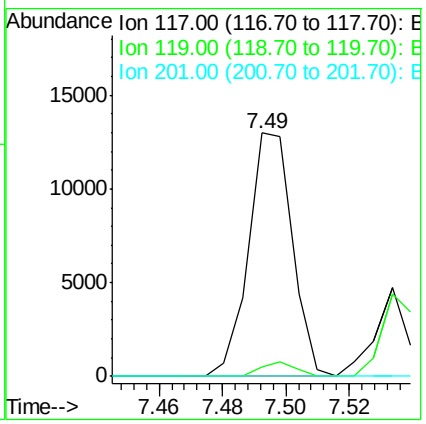


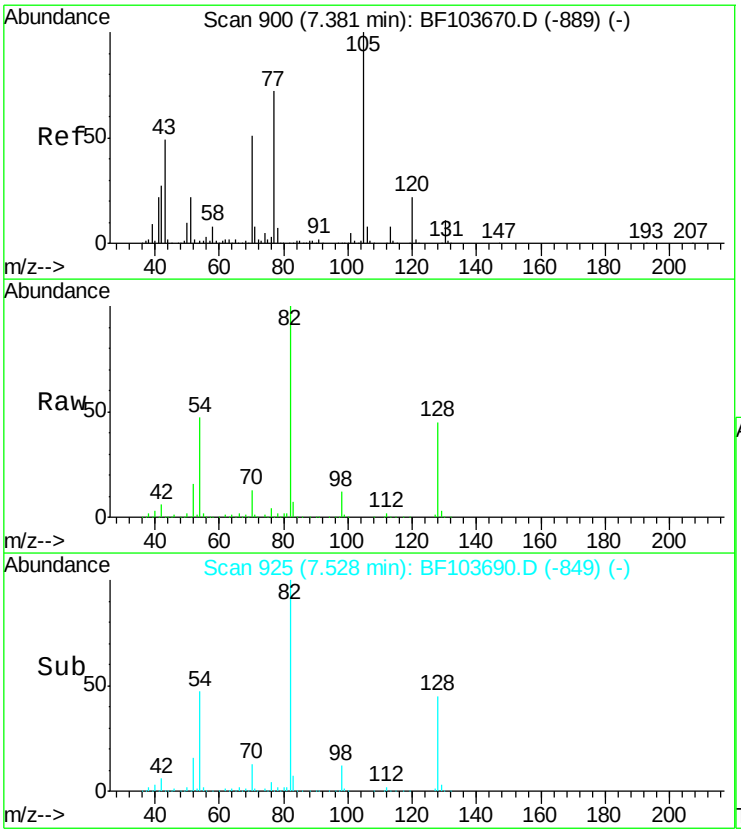
#18
Hexachloroethane
Concen: 2.680 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 12491

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
201	0.0	75.7	113.5#

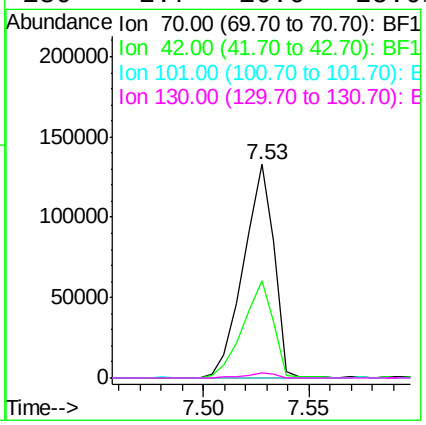


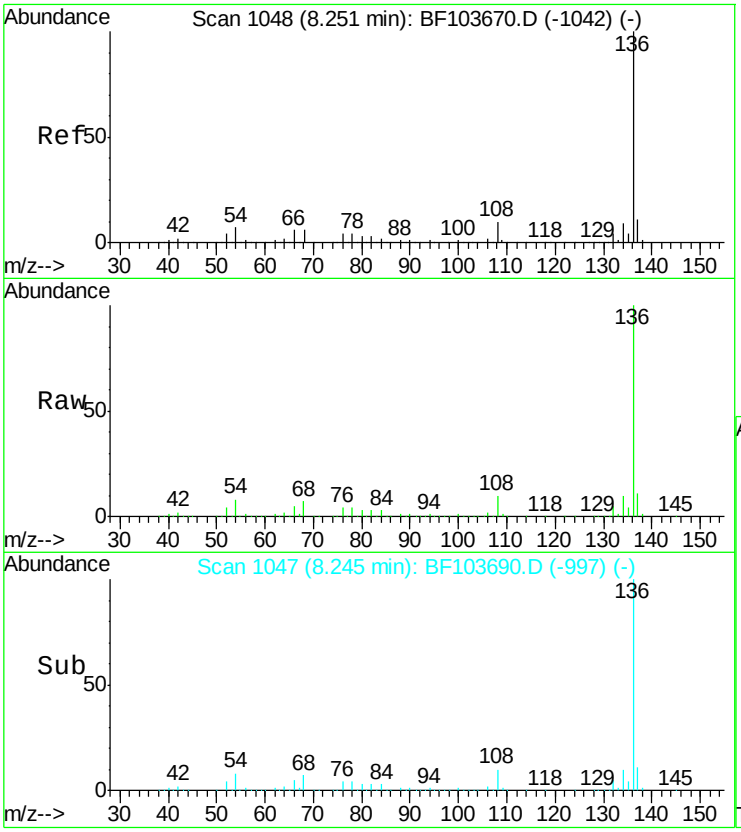


#19
n-Nitroso-di-n-propylamine
Concen: 15.436 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion: 70 Resp: 133750

Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



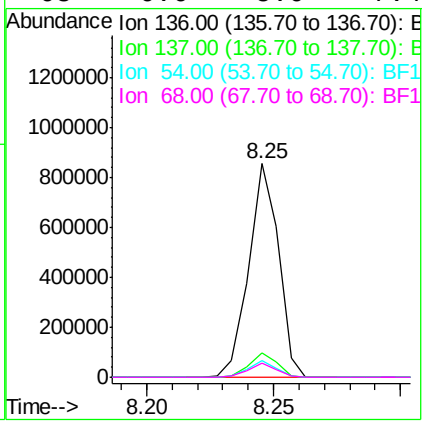


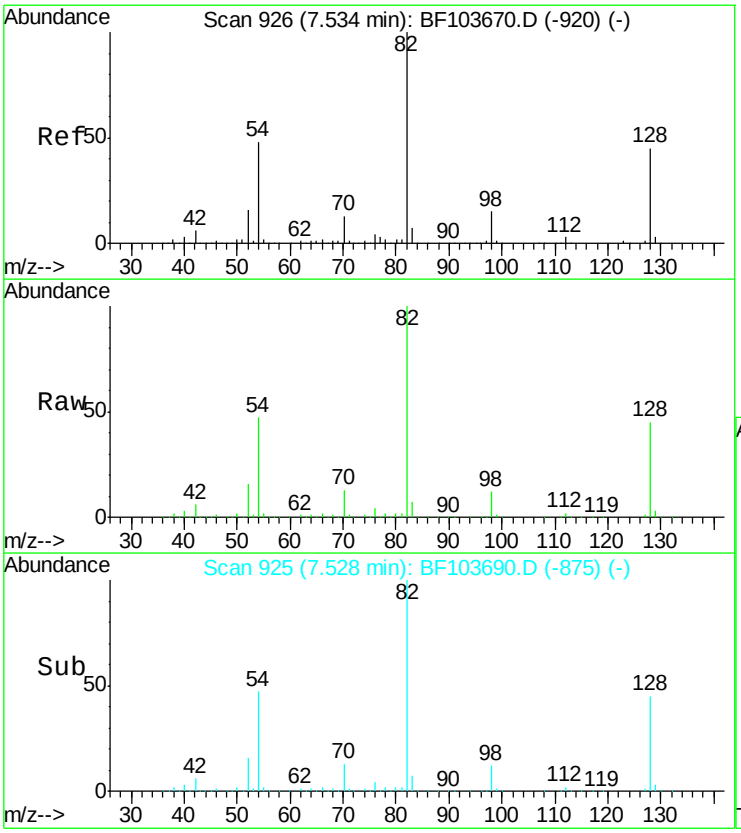
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 700276

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.7	6.6	9.8
68	6.6	5.0	7.4

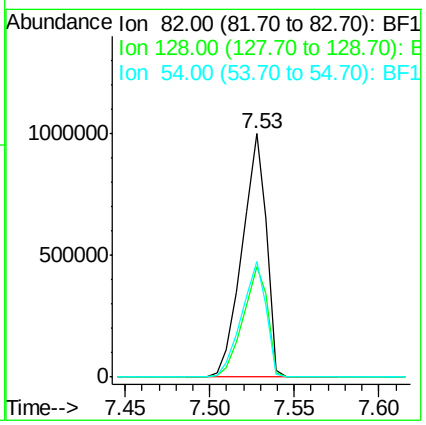


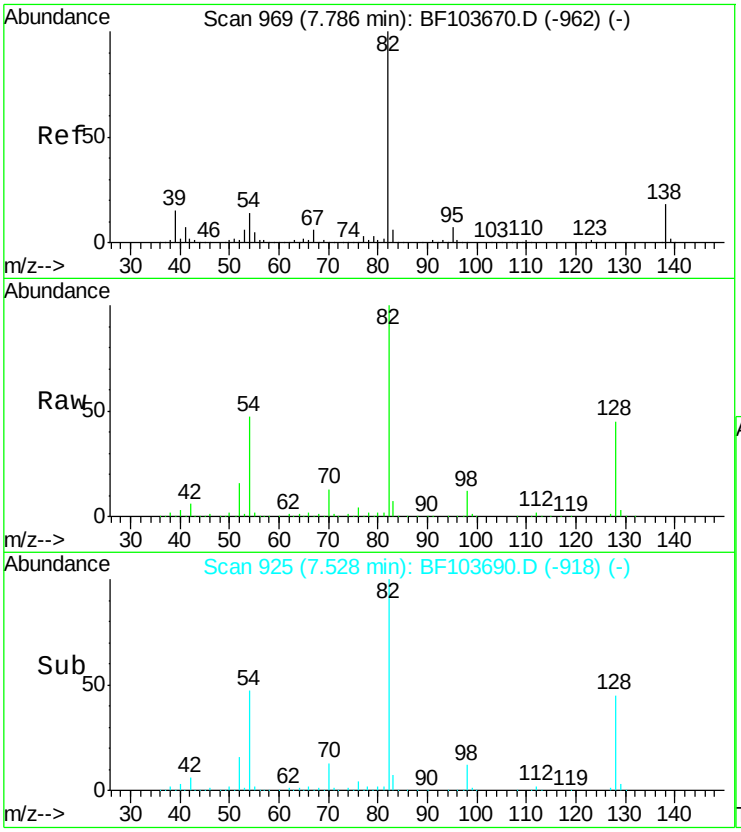


#23
Nitrobenzene-d5
Concen: 99.837 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion: 82 Resp: 1002551

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.4	41.4	62.2



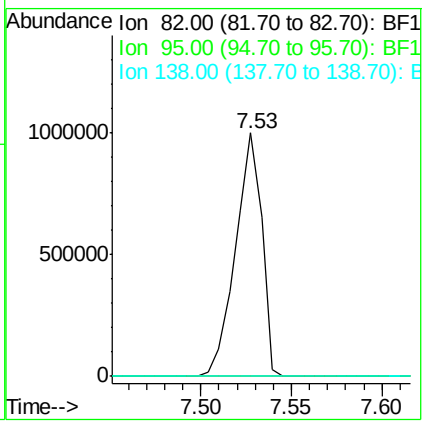


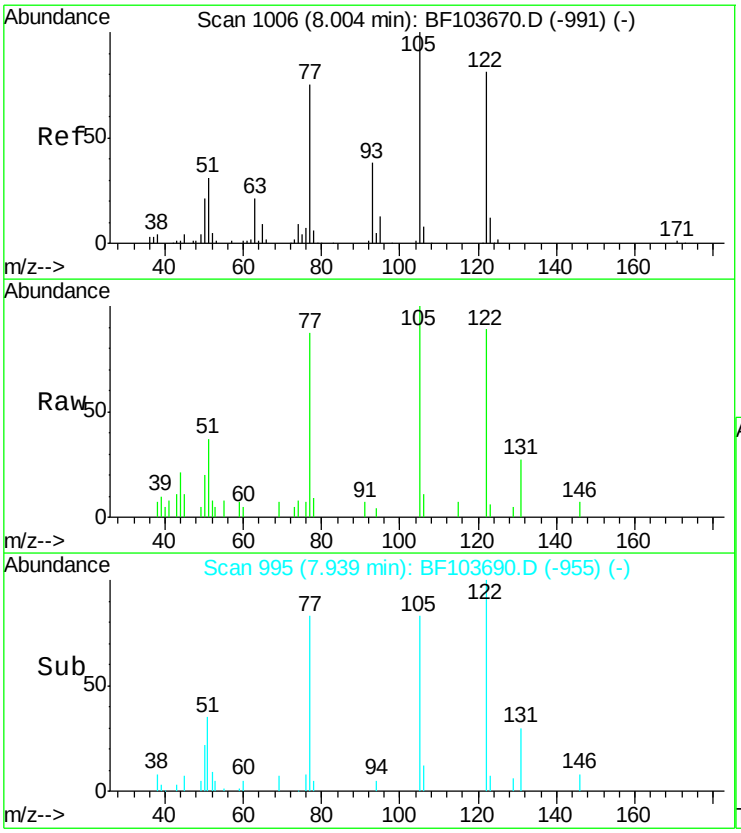
#25
Isophorone
Concen: 43.126 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1002524

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

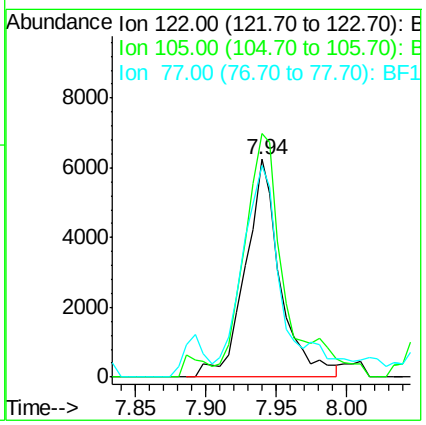


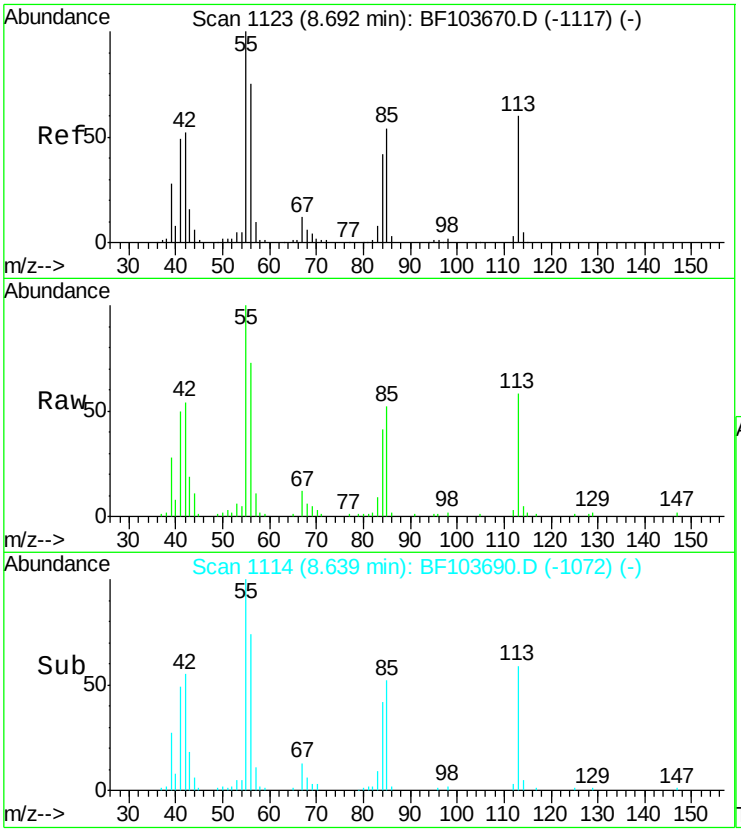


#32
Benzoic acid
Concen: 11.130 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.06 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:122 Resp: 10847

Ion	Ratio	Lower	Upper
122	100		
105	112.0	101.1	141.1
77	97.3	70.7	110.7



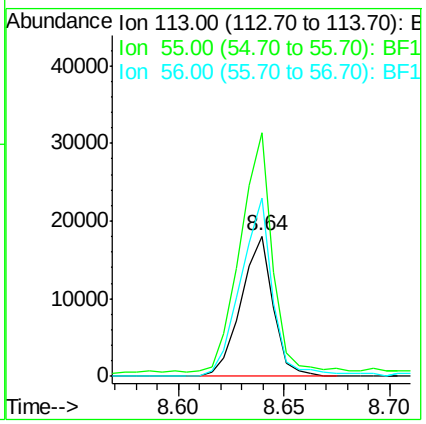


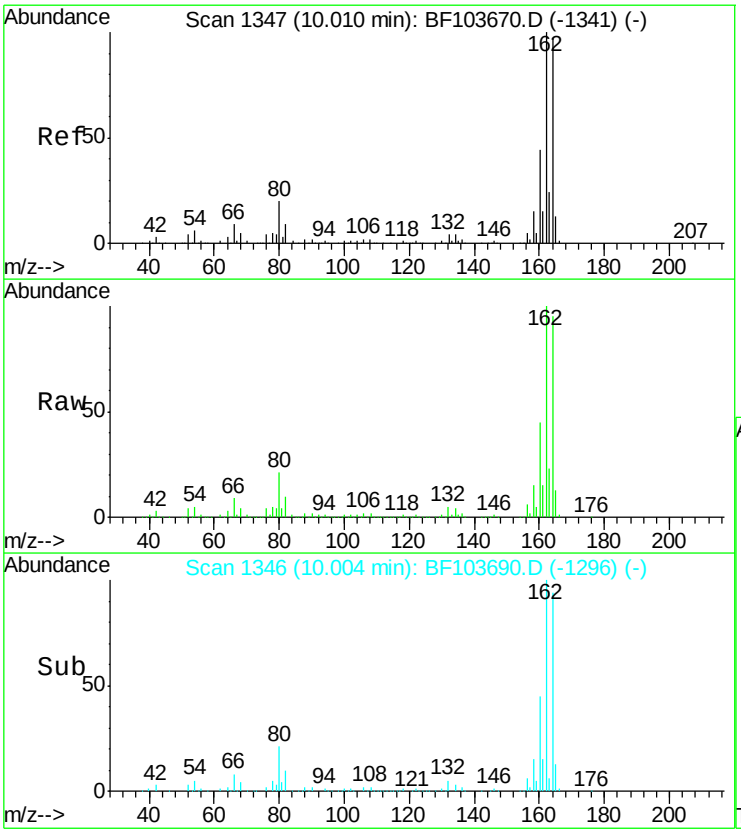
#35
Caprolactam
Concen: 6.096 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 19019

Ion	Ratio	Lower	Upper
113	100		
55	173.4	163.3	203.3
56	127.1	115.7	155.7

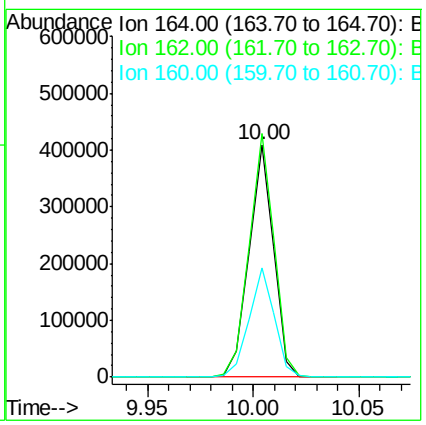


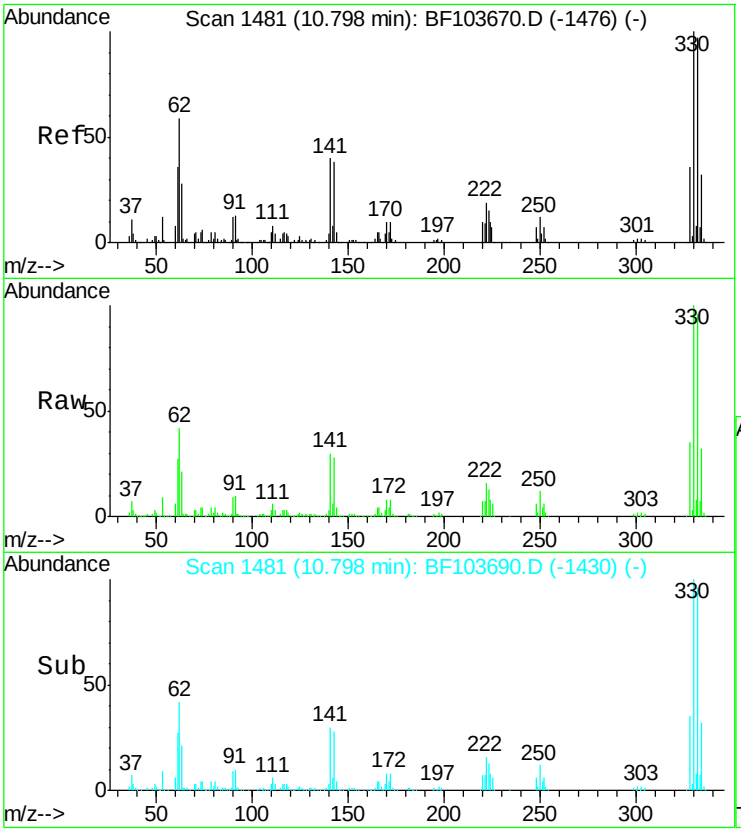


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:164 Resp: 332223

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.1	38.3	57.5



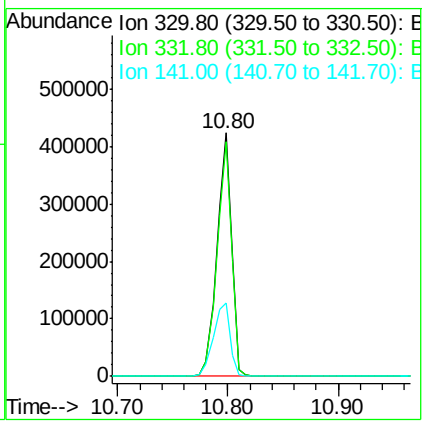


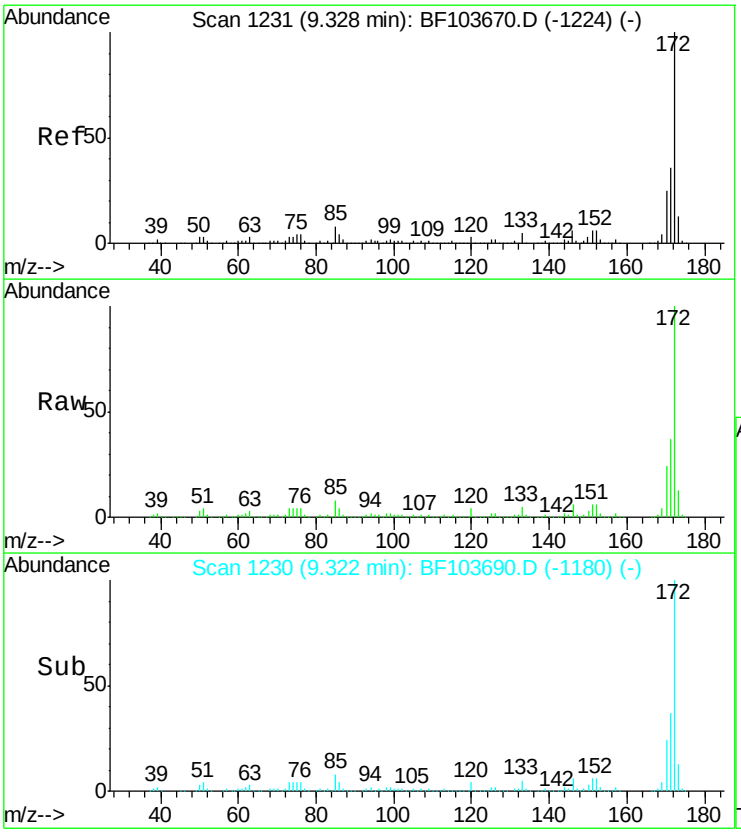
#41
2,4,6-Tribromophenol
Concen: 136.506 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 389927

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.9	29.9	44.9

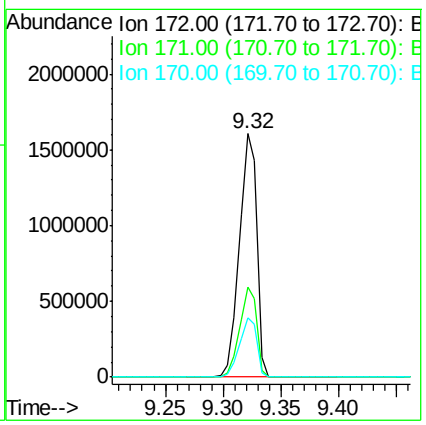


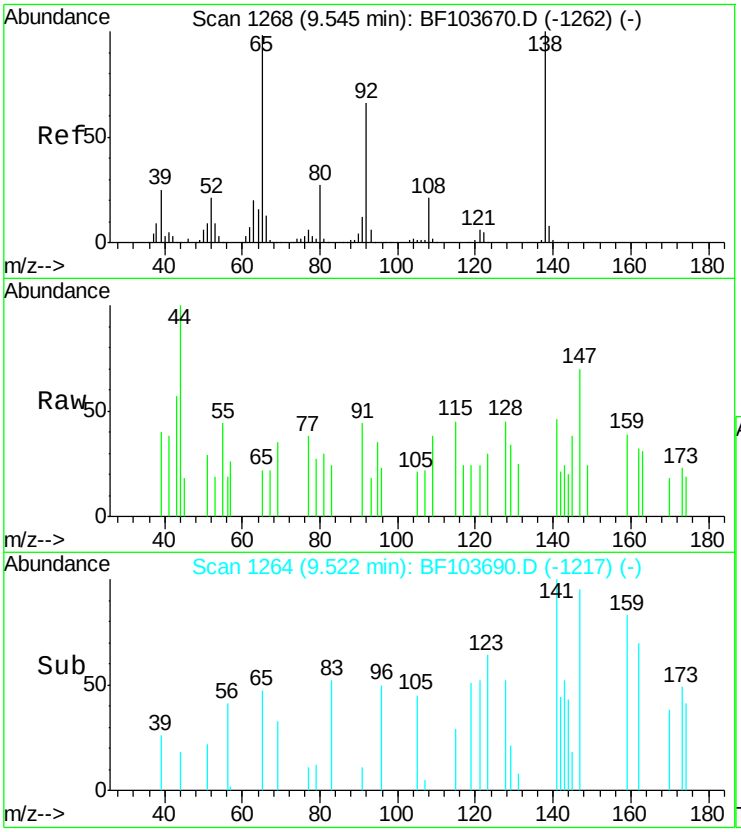


#44
2-Fluorobiphenyl
Concen: 80.185 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:172 Resp: 1670009

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4



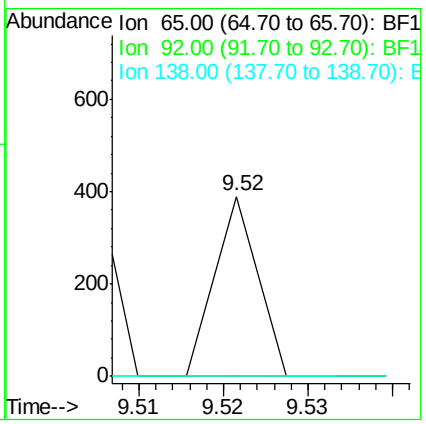


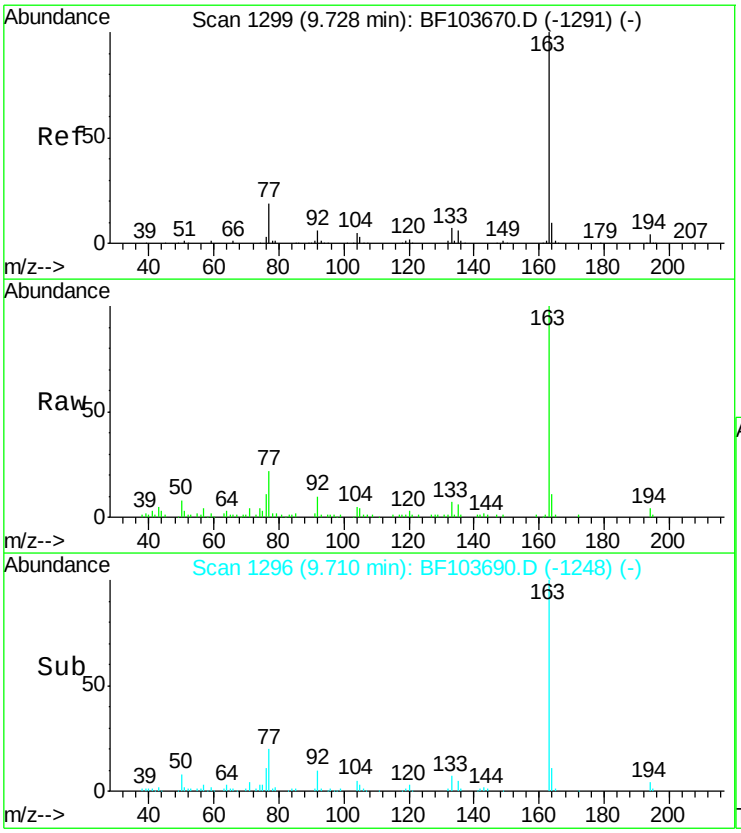
#47
2-Nitroaniline
Concen: 6.835 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 138

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

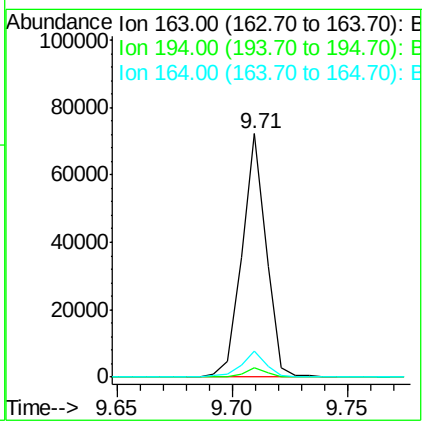


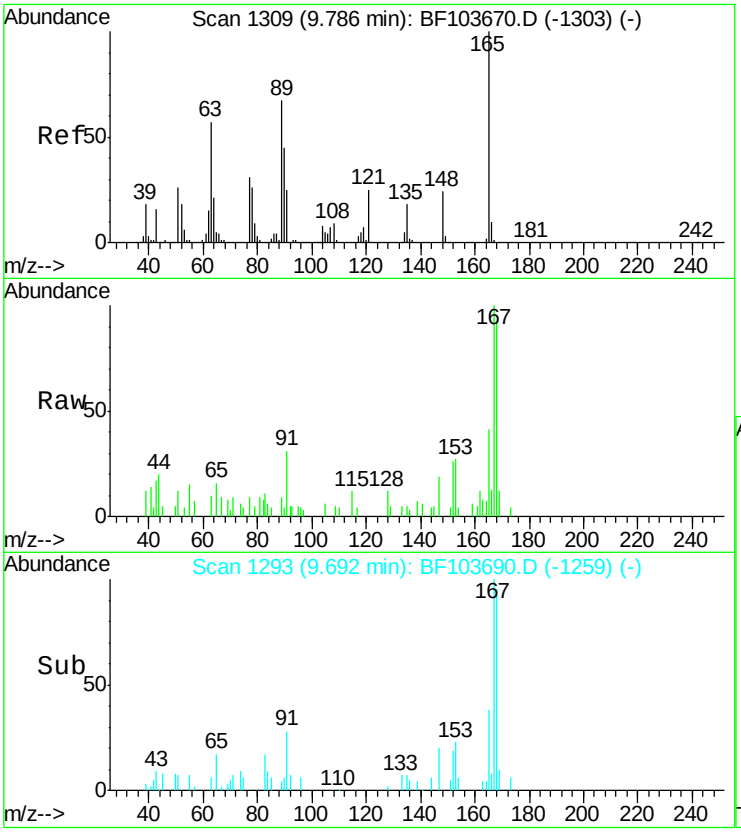


#49
Dimethylphthalate
Concen: 2.090 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:163 Resp: 52979

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2



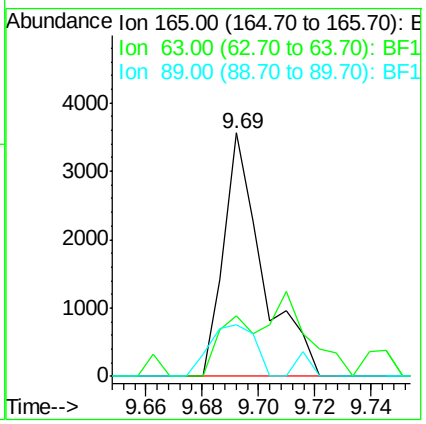


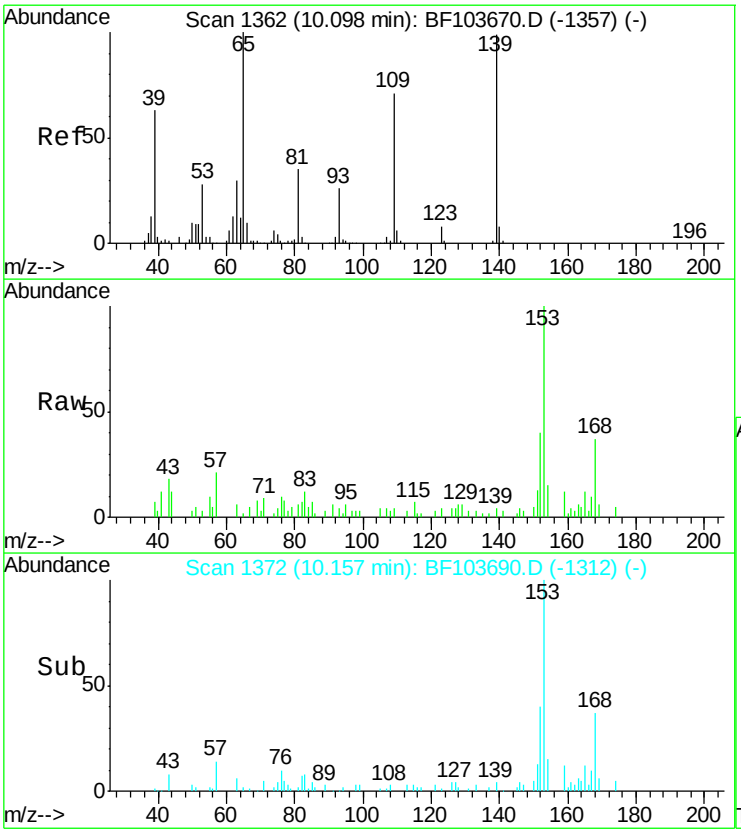
#50
2,6-Dinitrotoluene
Concen: 4.621 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.10 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 3405

Ion	Ratio	Lower	Upper
165	100		
63	24.7	44.7	67.1#
89	21.1	44.0	66.0#

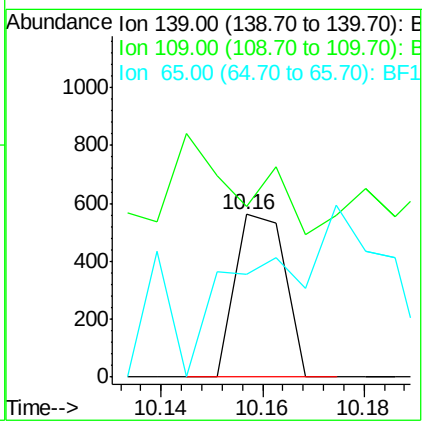


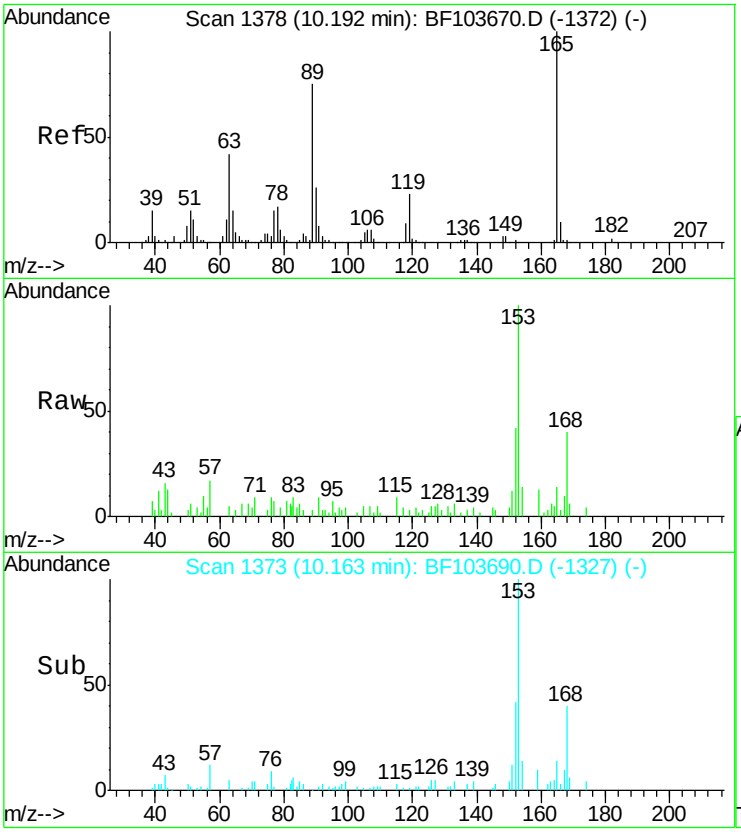


#55
4-Nitrophenol
Concen: 5.048 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.05 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:139 Resp: 386

Ion	Ratio	Lower	Upper
139	100		
109	105.0	48.4	88.4#
65	62.9	72.6	112.6#



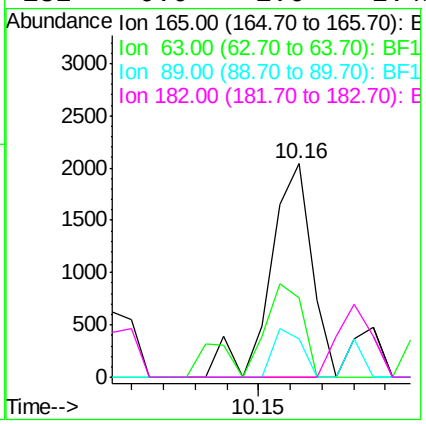


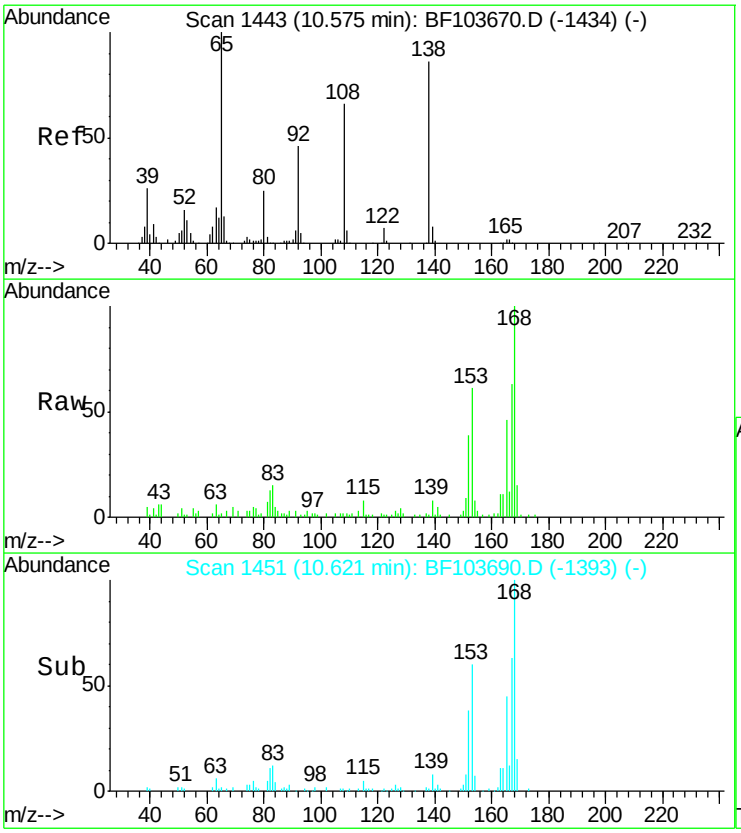
#56
2,4-Dinitrotoluene
Concen: 6.476 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.03 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1872

Ion	Ratio	Lower	Upper
165	100		
63	37.0	36.4	54.6
89	18.2	57.8	86.6#
182	0.0	1.6	2.4#

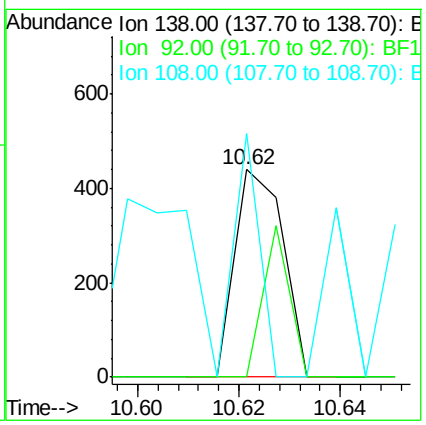


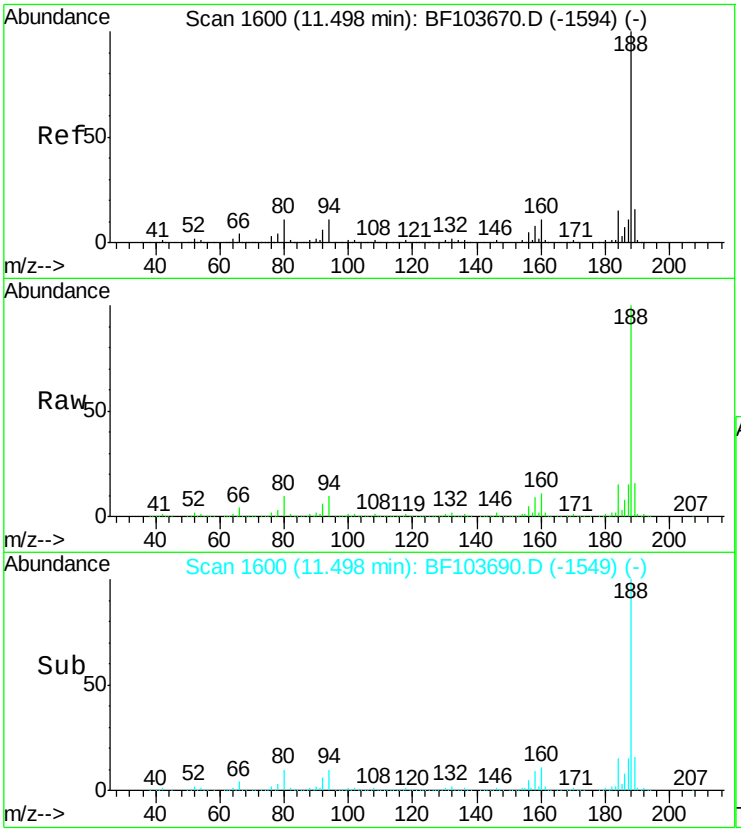


#61
4-Nitroaniline
Concen: 3.796 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.04 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:138 Resp: 289

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	117.5	52.5	92.5#



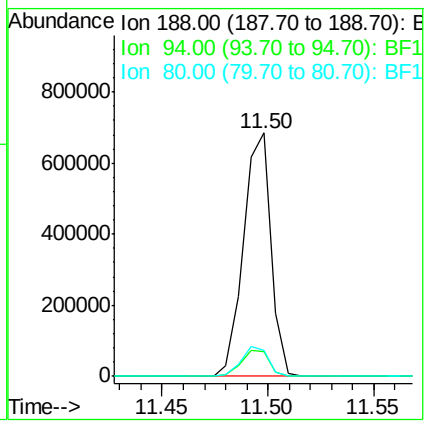


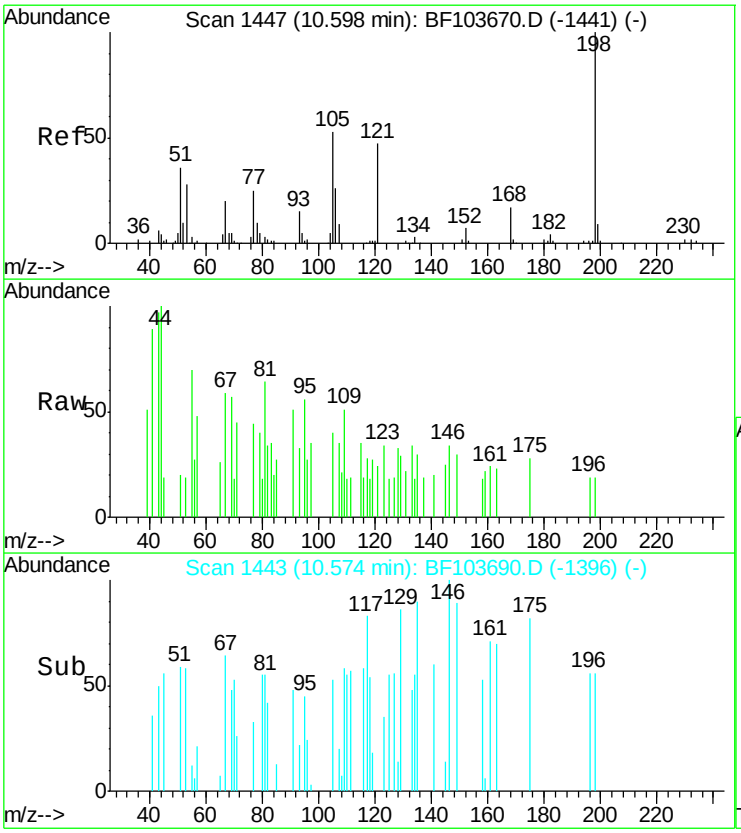
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 619062

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8

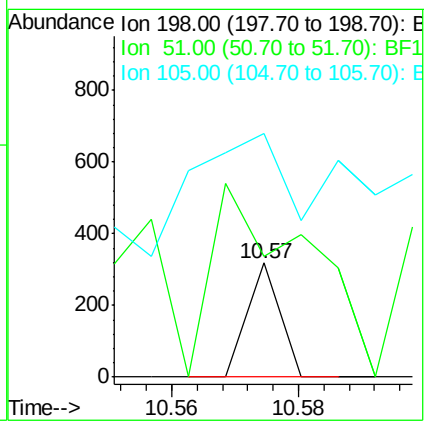


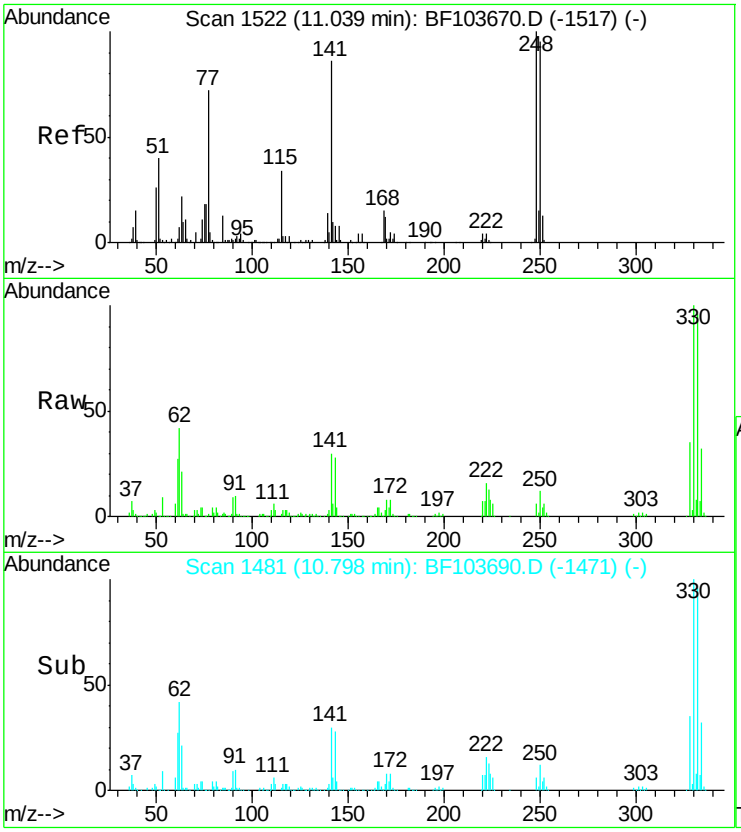


#64
4,6-Dinitro-2-methylphenol
Concen: 8.169 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	105.7	37.7	77.7#
105	213.5	36.3	76.3#



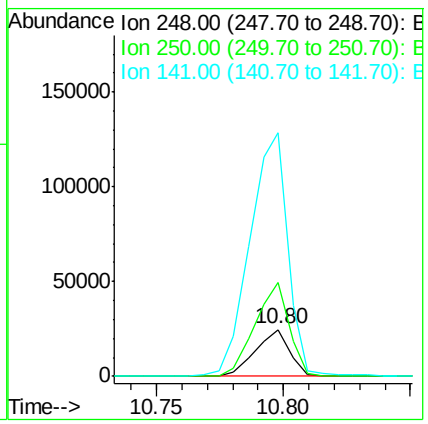


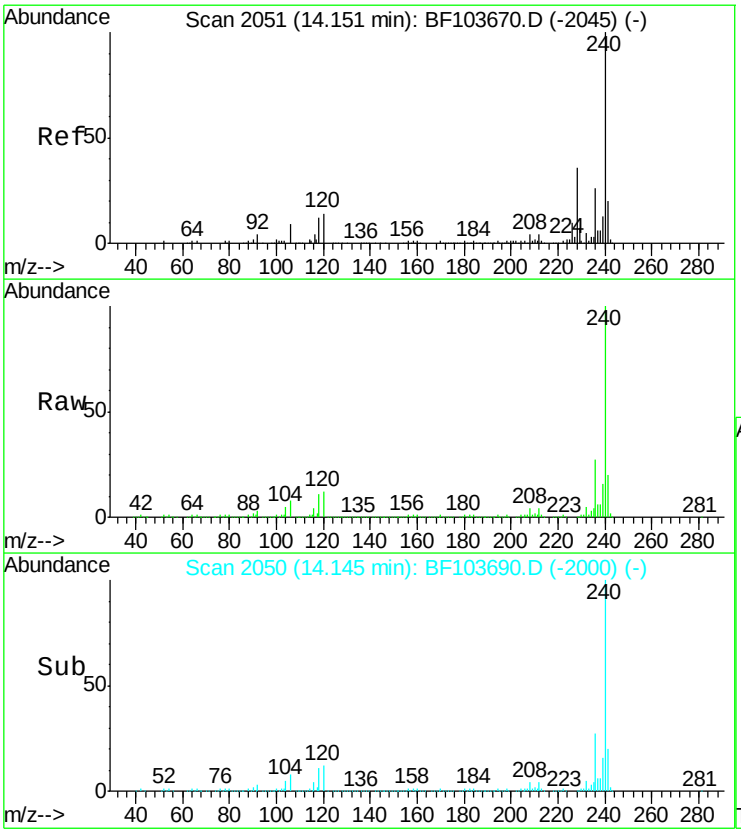
#66
4-Bromophenyl-phenylether
Concen: 3.634 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23100

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	521.3	74.4	111.6#

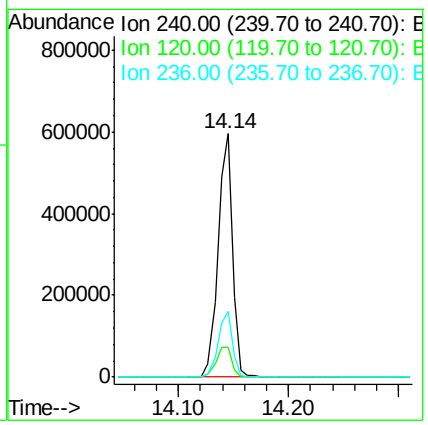


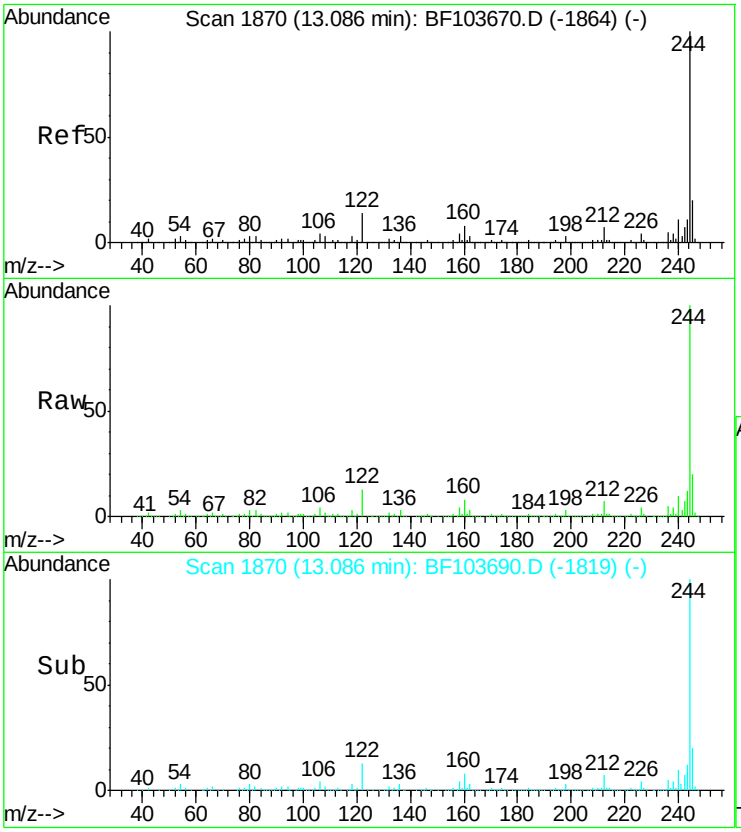


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:240 Resp: 540611

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	27.0	20.7	31.1



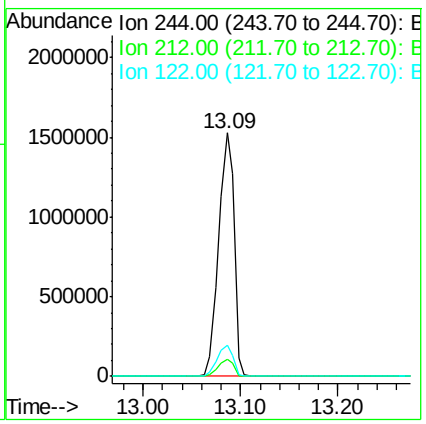


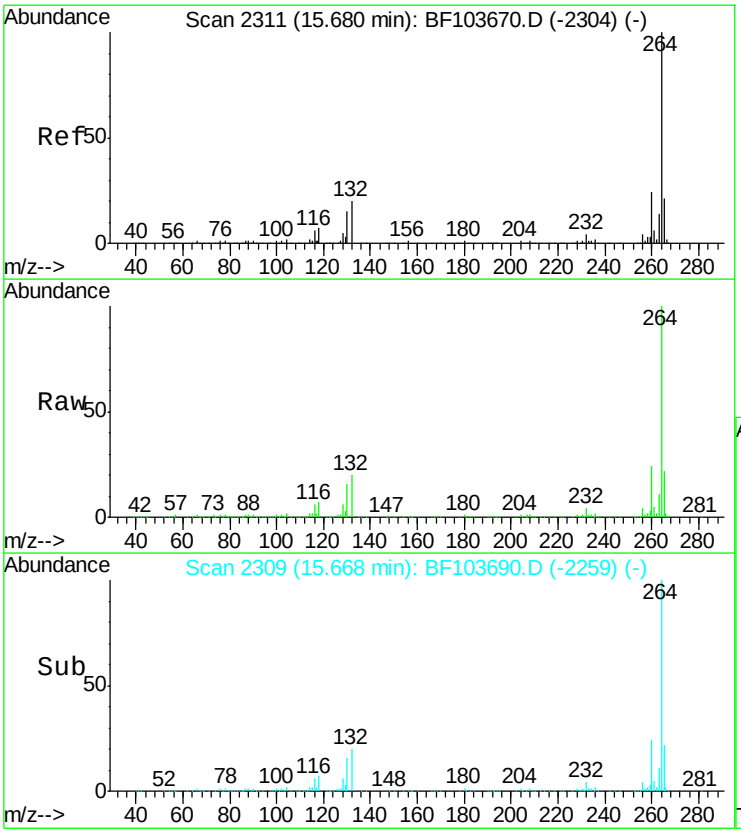
#78
Terphenyl-d14
Concen: 72.208 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1681764

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:264 Resp: 419248

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3