Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102953.D
Acq On : 13 Feb 2018 11:27
Operator : SJ/JU
Sample : J1519-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 14 00:03:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177180	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	754874	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	352661	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	631875	20.00	ng		0.00
75) Chrysene-d12	14.03	240	479752	20.00	ng		0.00
86) Perylene-d12	15.51	264	394998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	695473	59.61	ng		0.00
7) Phenol-d6	6.50	99	967849	68.90	ng		0.00
23) Nitrobenzene-d5	7.43	82	759729	69.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	135300	47.67	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1233799	58.05	ng		-0.01
78) Terphenyl-d14	12.98	244	1179473	58.21	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	103103	11.13	ng	#	82
24) Nitrobenzene	7.47	77	121	Below Cal		#	38
25) Isophorone	7.43	82	759724	30.32	ng	#	64
32) Benzoic acid	7.86	122	357	8.59	ng	#	89
47) 2-Nitroaniline	9.43	65	142	3.49	ng	#	2
49) Dimethylphthalate	9.62	163	112138	4.08	ng		99
50) 2,6-Dinitrotoluene	9.91	165	44863	8.58	ng	#	26
55) 4-Nitrophenol	10.02	139	952	4.19	ng	#	77
56) 2,4-Dinitrotoluene	9.91	165	44863	9.06	ng	#	23

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102953.D
Acq On : 13 Feb 2018 11:27
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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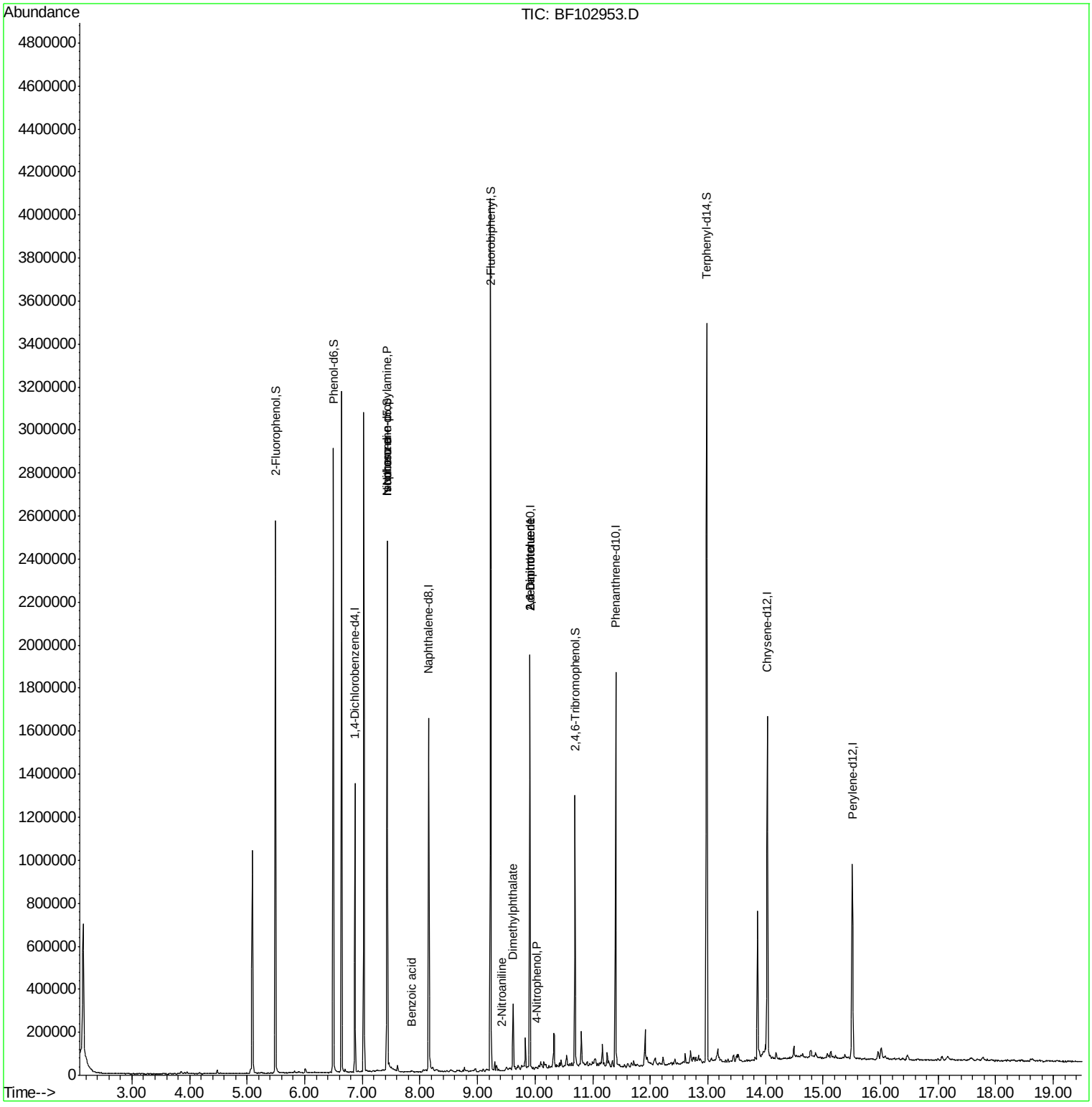
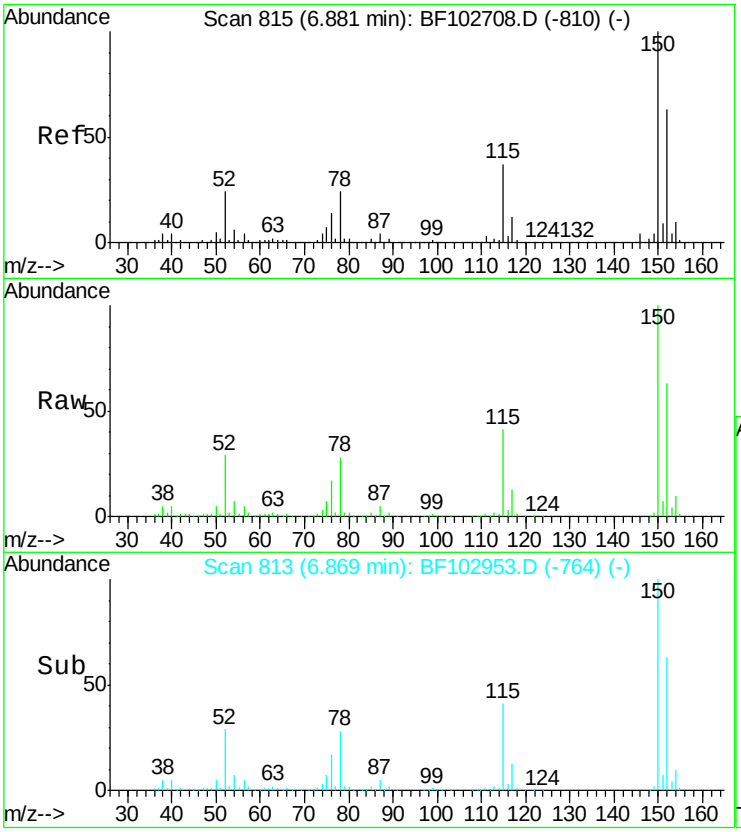


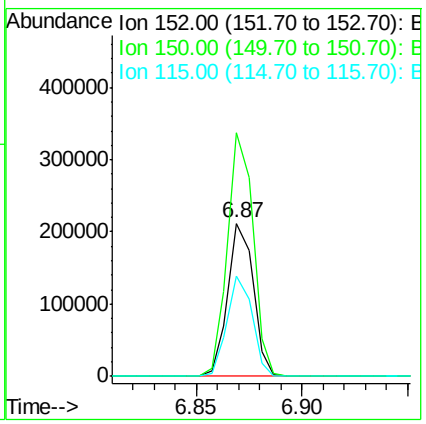


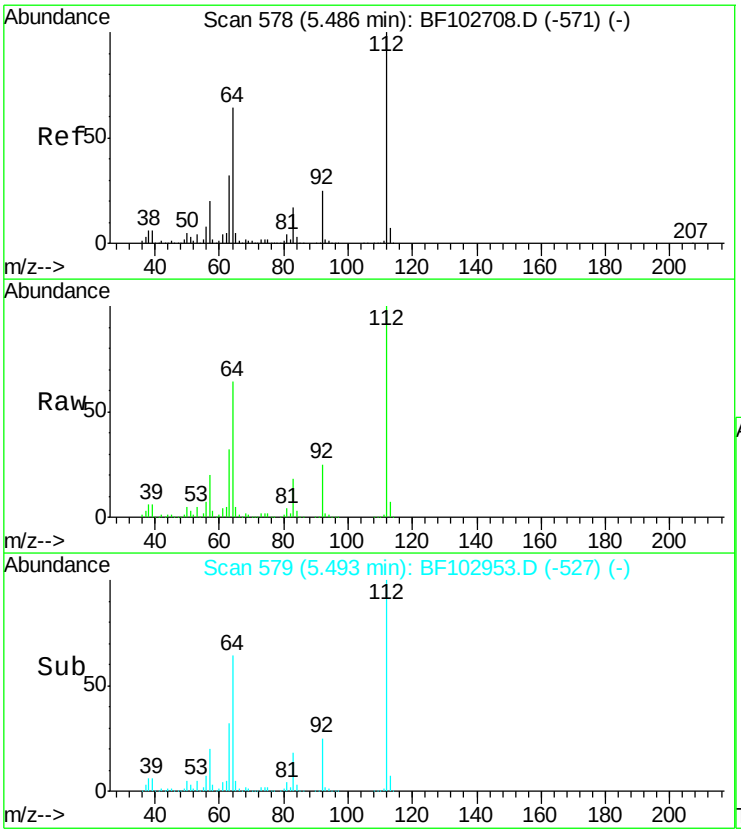
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177180

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	65.2	50.1	75.1

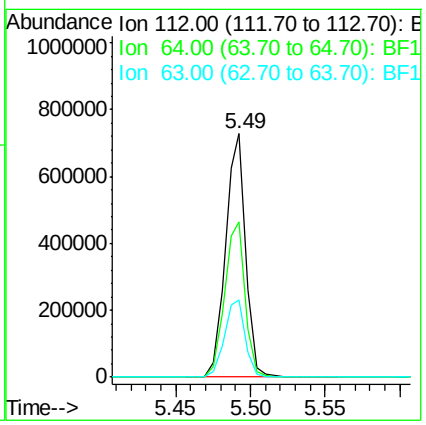


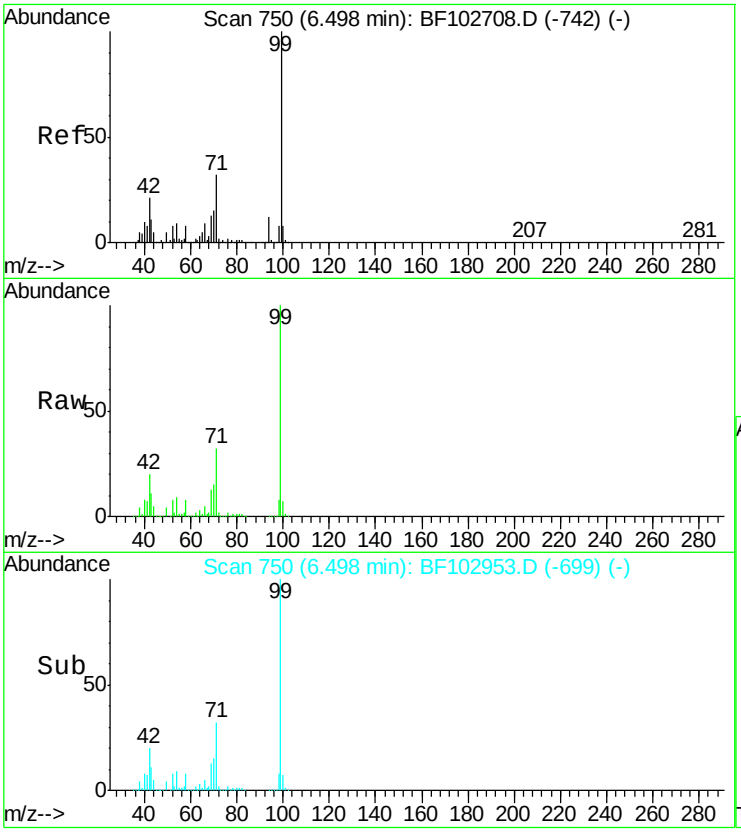


#5
2-Fluorophenol
Concen: 59.61 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:112 Resp: 695473

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	31.9	23.7	35.5



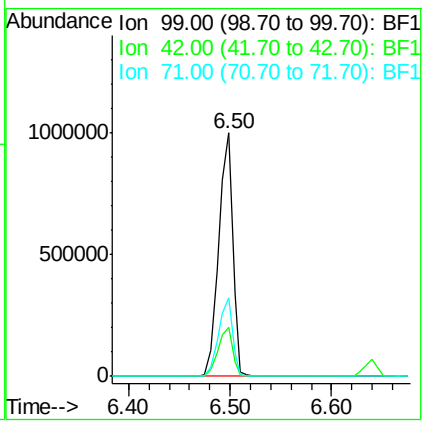


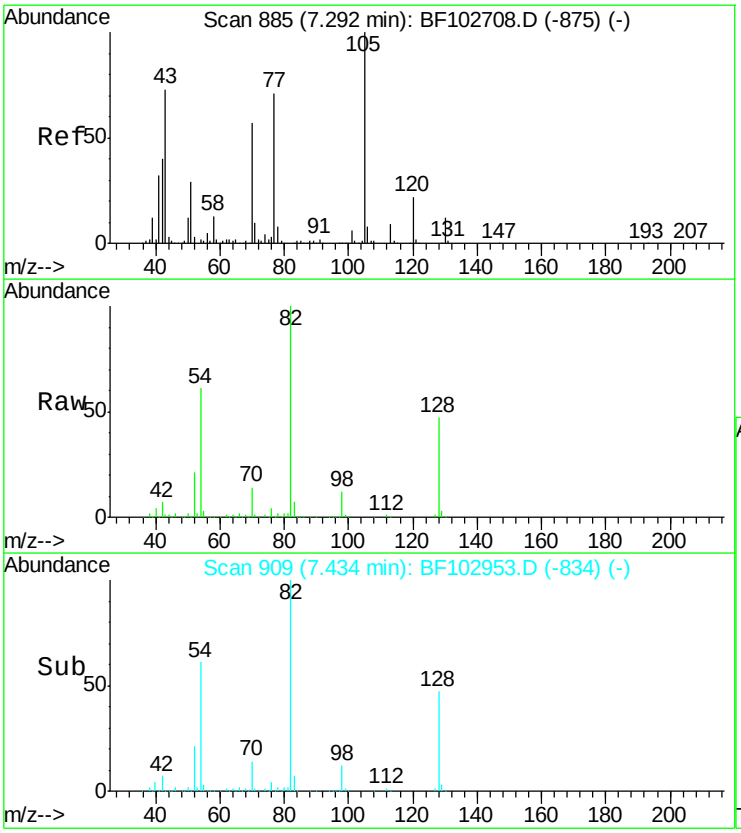
#7
Phenol-d6
Concen: 68.90 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 967849

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.3	25.4	38.0

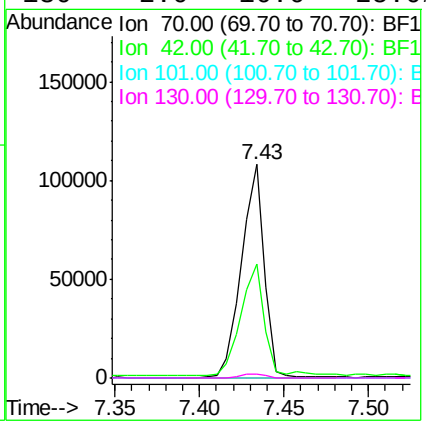


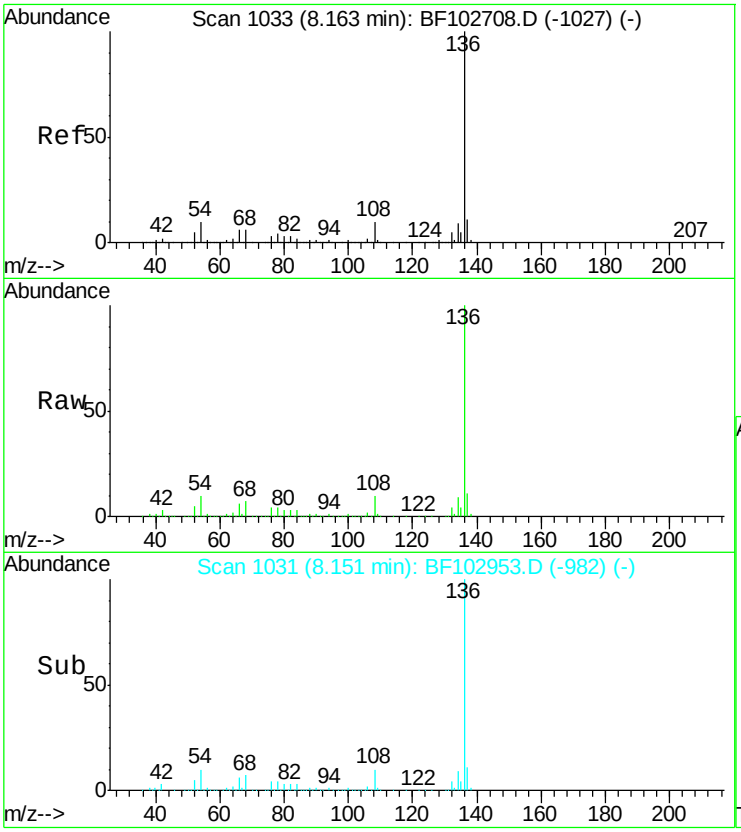


#19
n-Nitroso-di-n-propylamine
Concen: 11.13 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion: 70 Resp: 103103

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



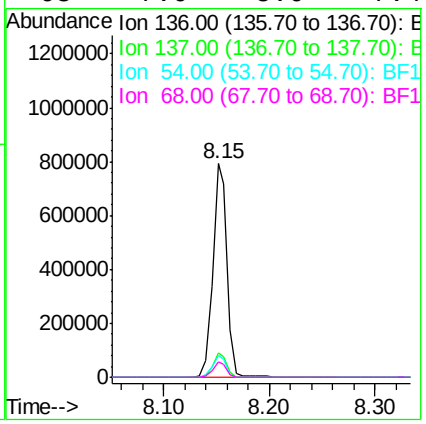


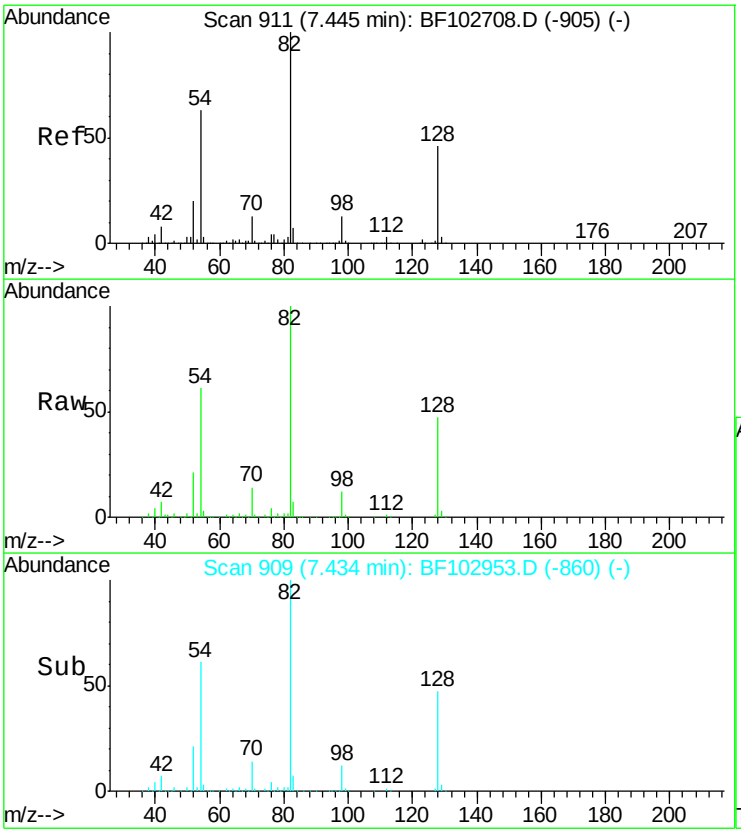
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 754874

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	6.6	9.8#
68	7.0	5.0	7.4

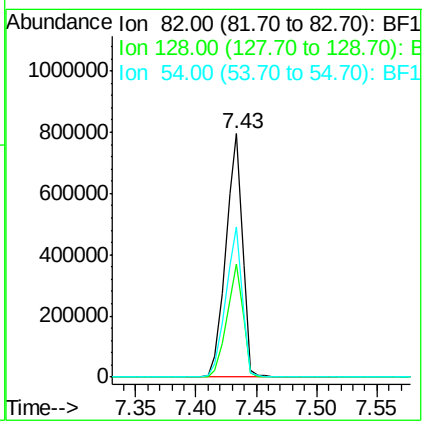


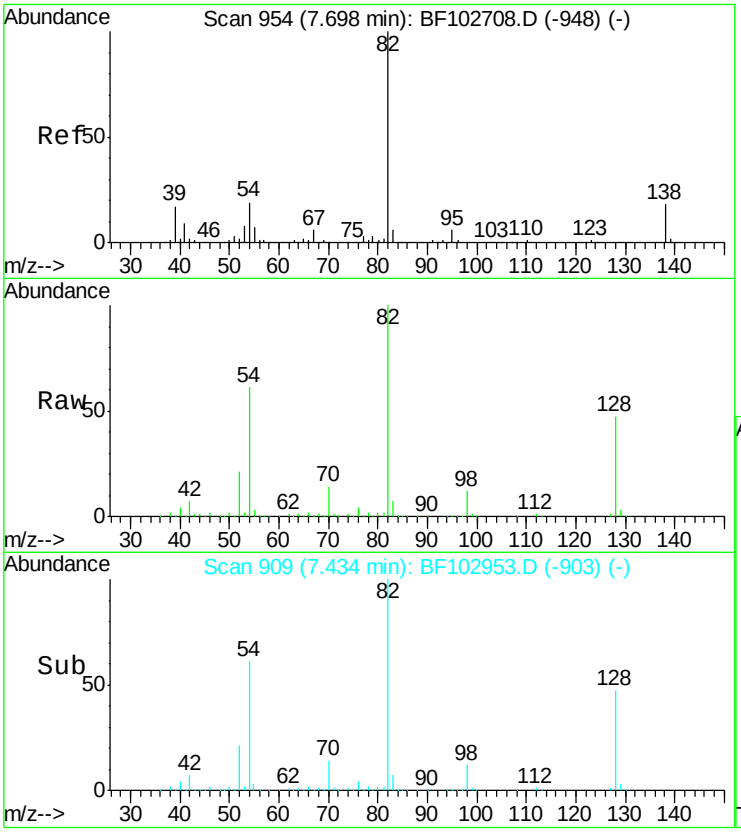


#23
Nitrobenzene-d5
Concen: 69.82 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion: 82 Resp: 759729

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	61.5	41.4	62.2



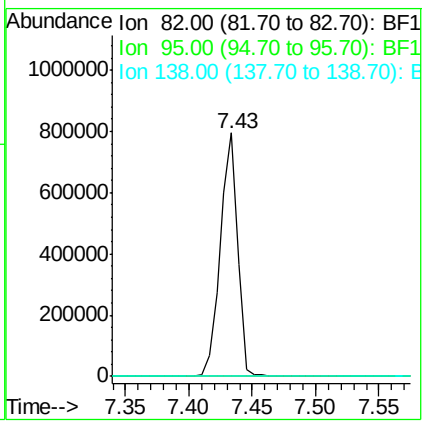


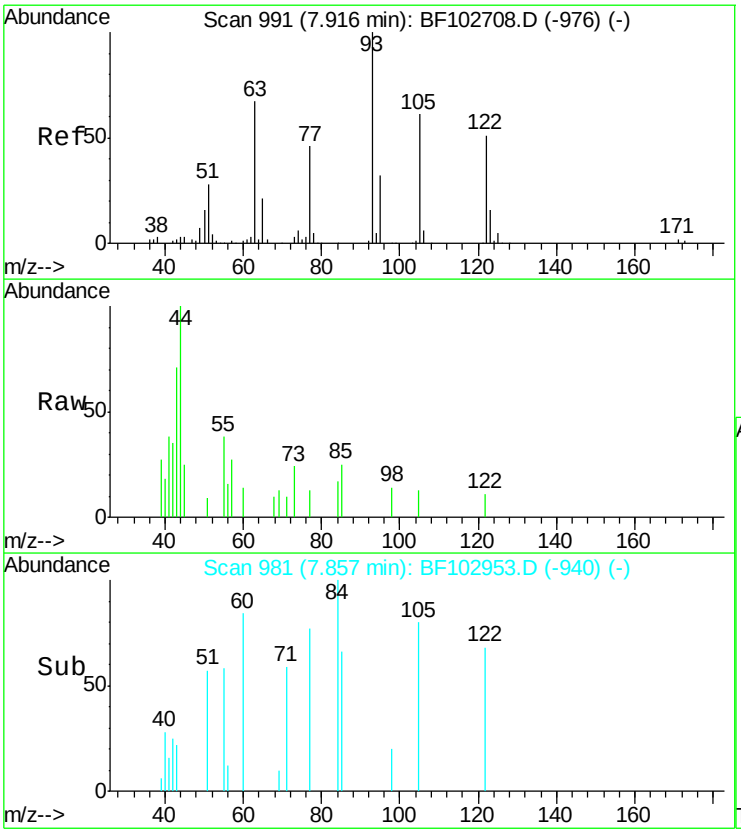
#25
Isophorone
Concen: 30.32 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 759724

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

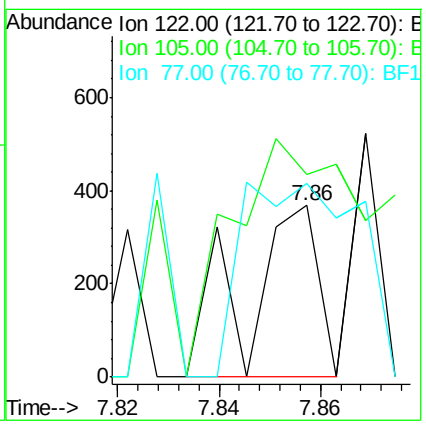


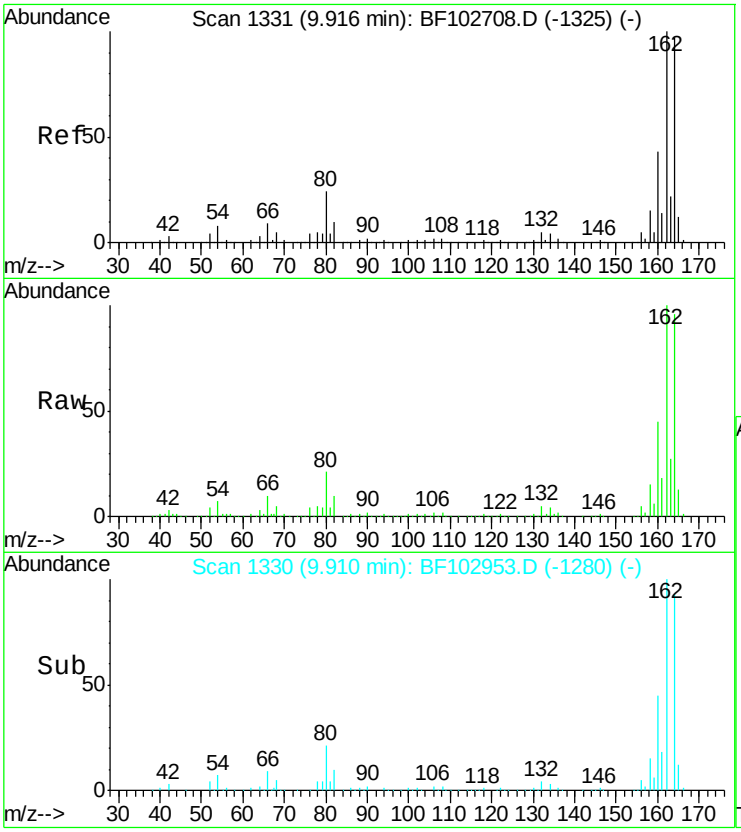


#32
Benzoic acid
Concen: 8.59 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:122 Resp: 357

Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.1	141.1
77	112.7	70.7	110.7#



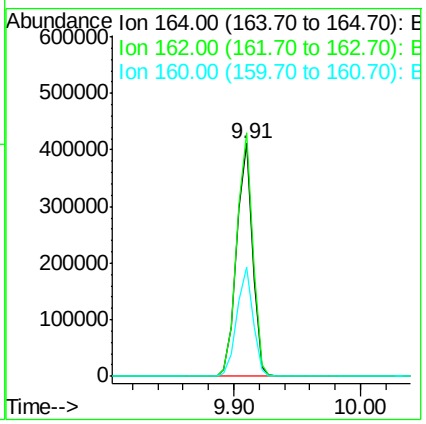


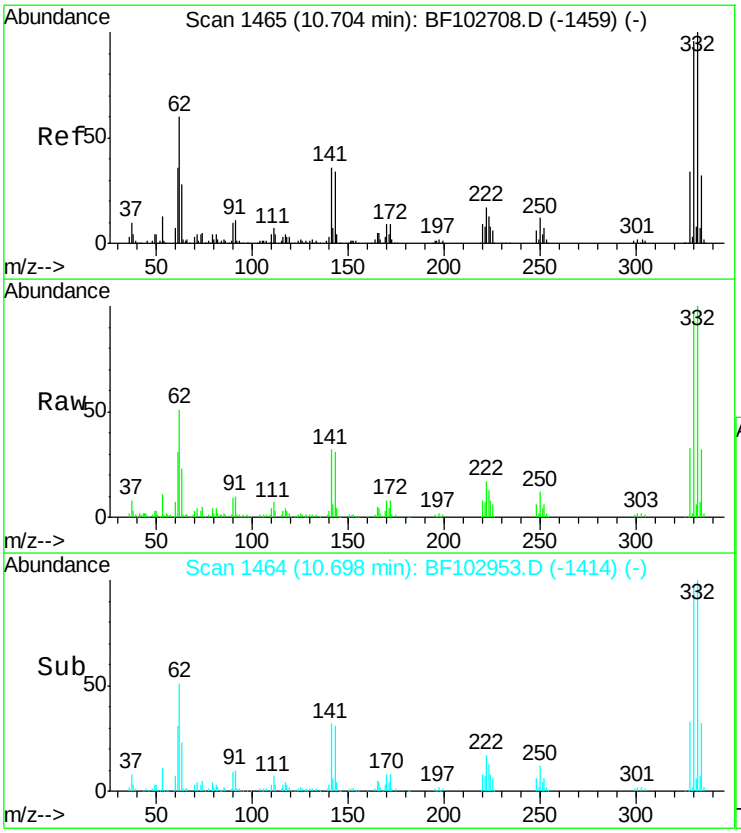
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 352661

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.8	38.3	57.5

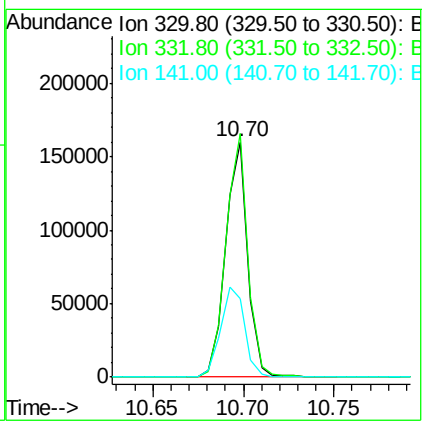


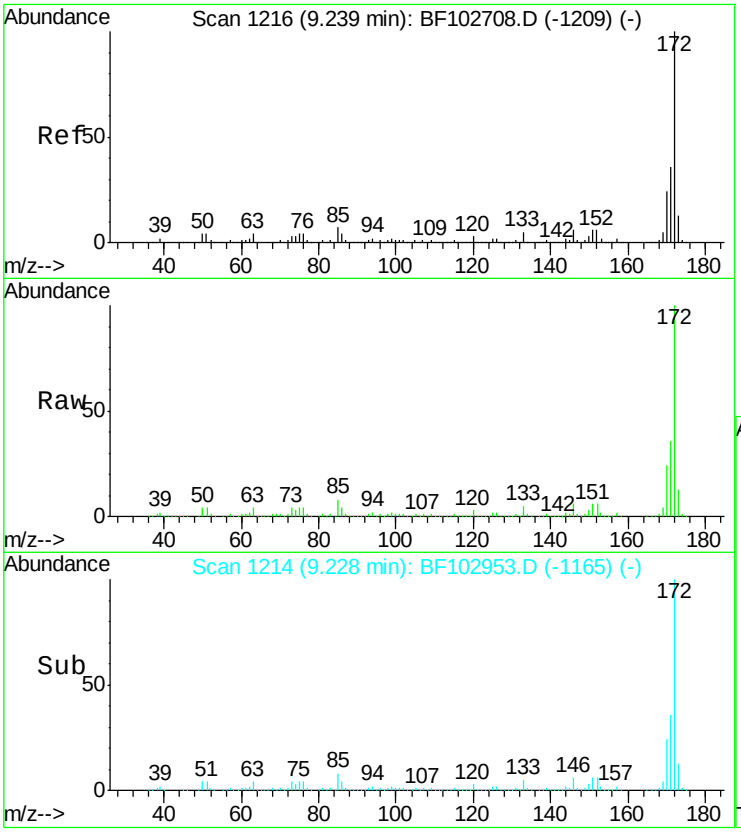


#41
2,4,6-Tribromophenol
Concen: 47.67 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:330 Resp: 135300

Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	42.2	29.9	44.9



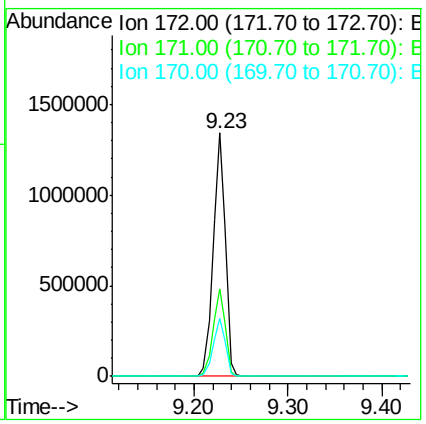


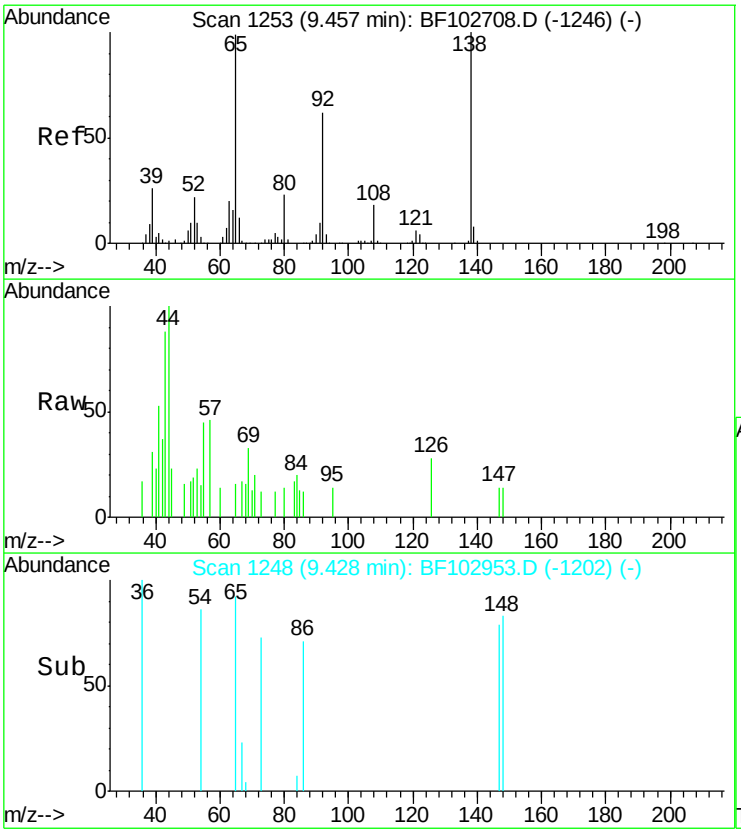
#44
2-Fluorobiphenyl
Concen: 58.05 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1233799

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

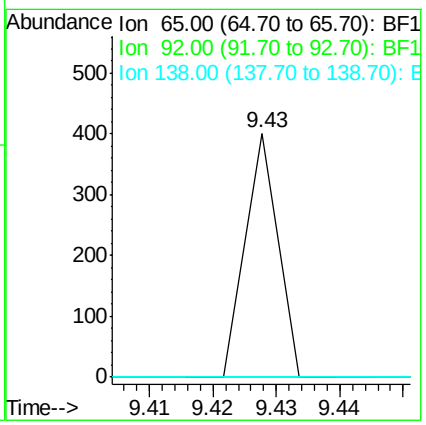


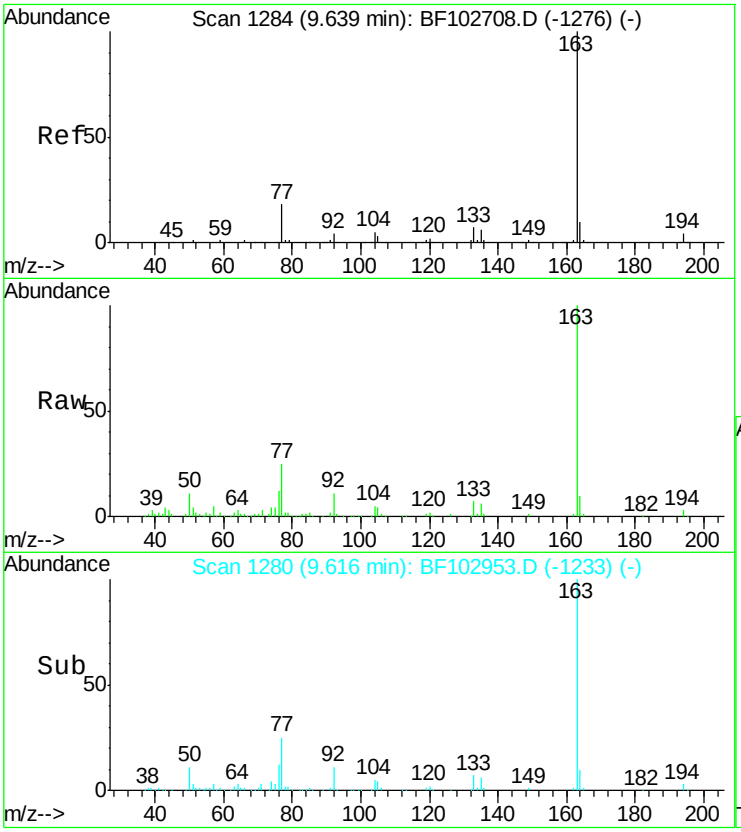


#47
2-Nitroaniline
Concen: 3.49 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.03 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion: 65 Resp: 142

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



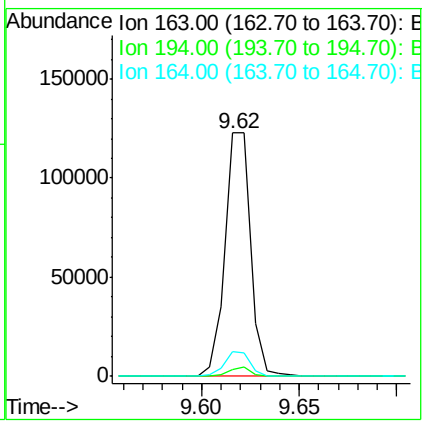


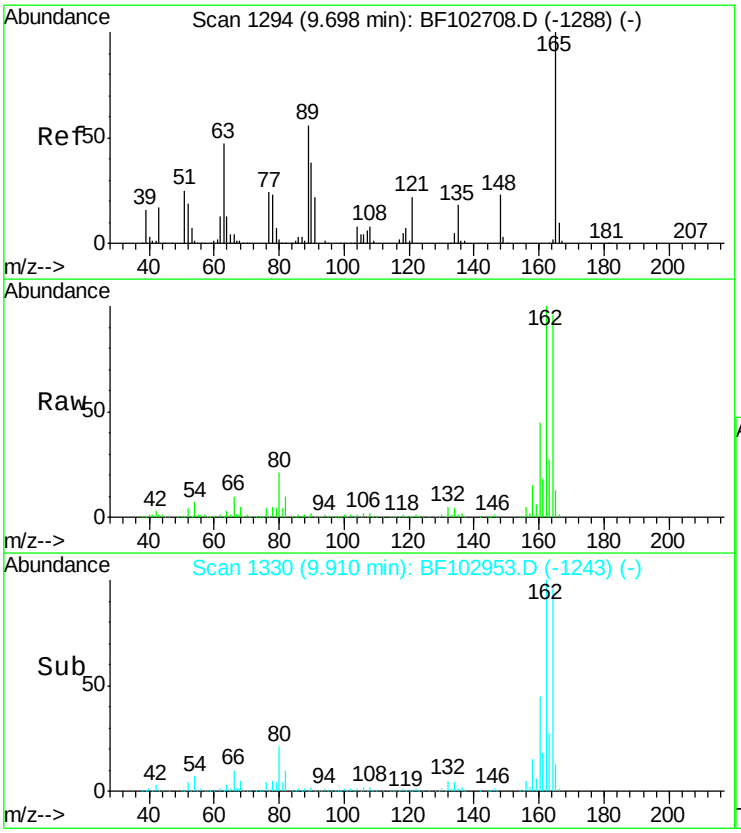
#49
Dimethylphthalate
Concen: 4.08 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 112138

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.3	8.2	12.2

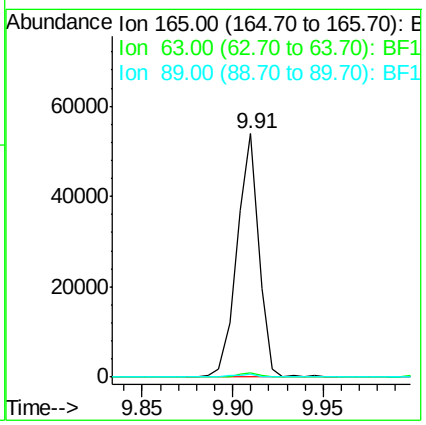


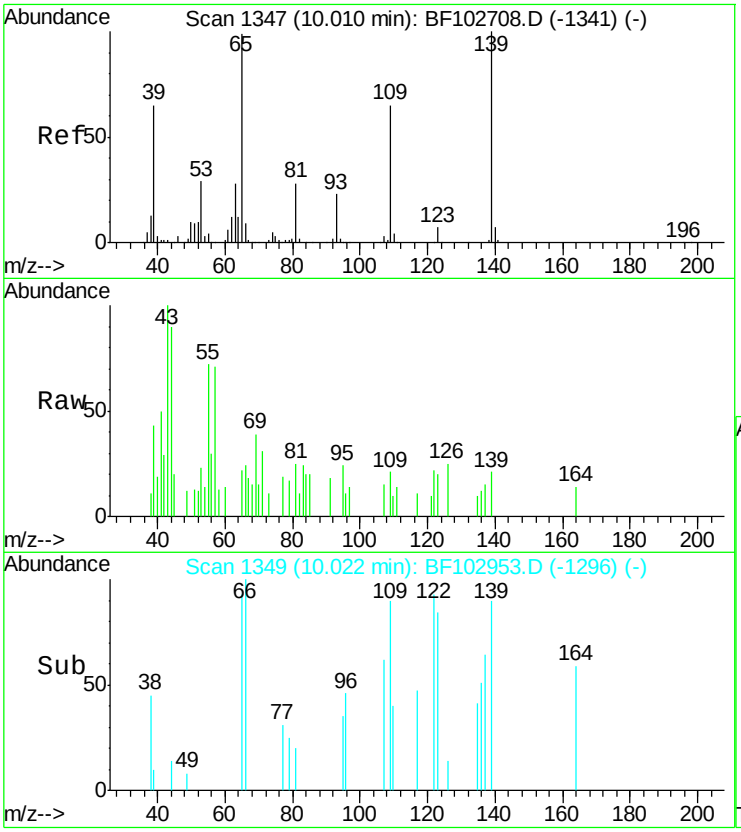


#50
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:165 Resp: 44863

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.4	44.0	66.0#



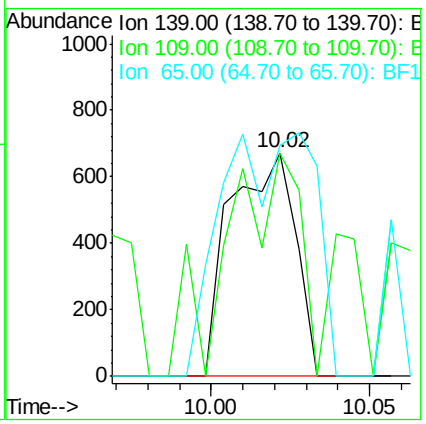


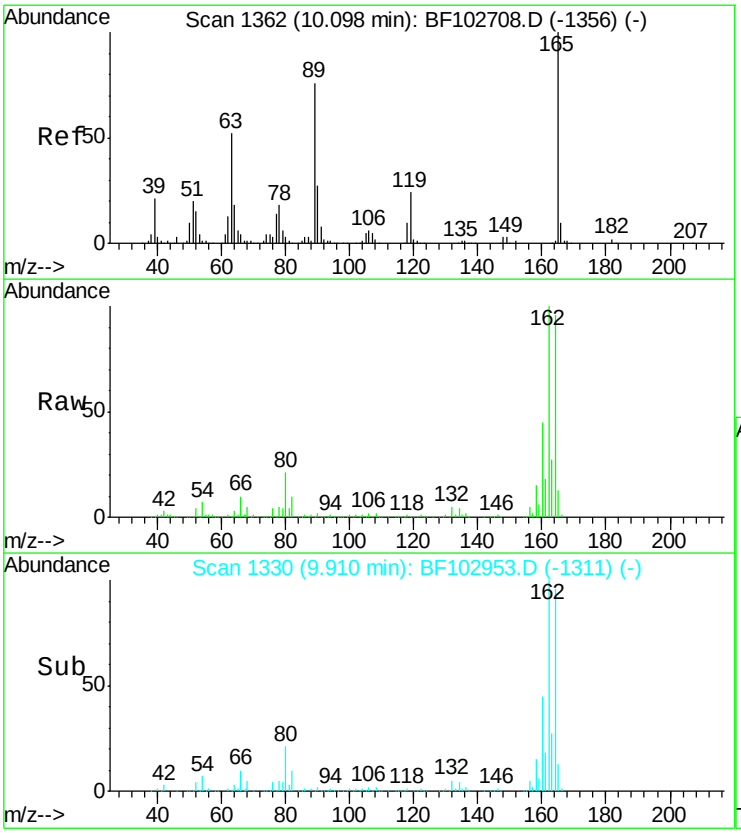
#55
4-Nitrophenol
Concen: 4.19 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 952

Ion	Ratio	Lower	Upper
139	100		
109	99.9	48.4	88.4#
65	103.4	72.6	112.6

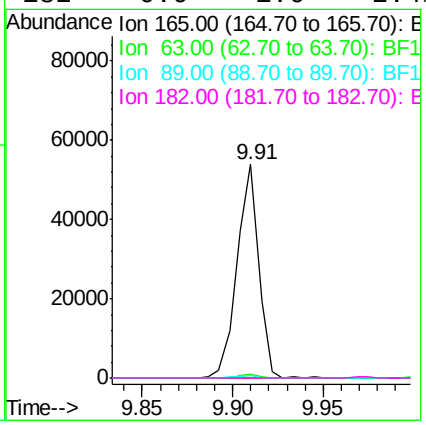


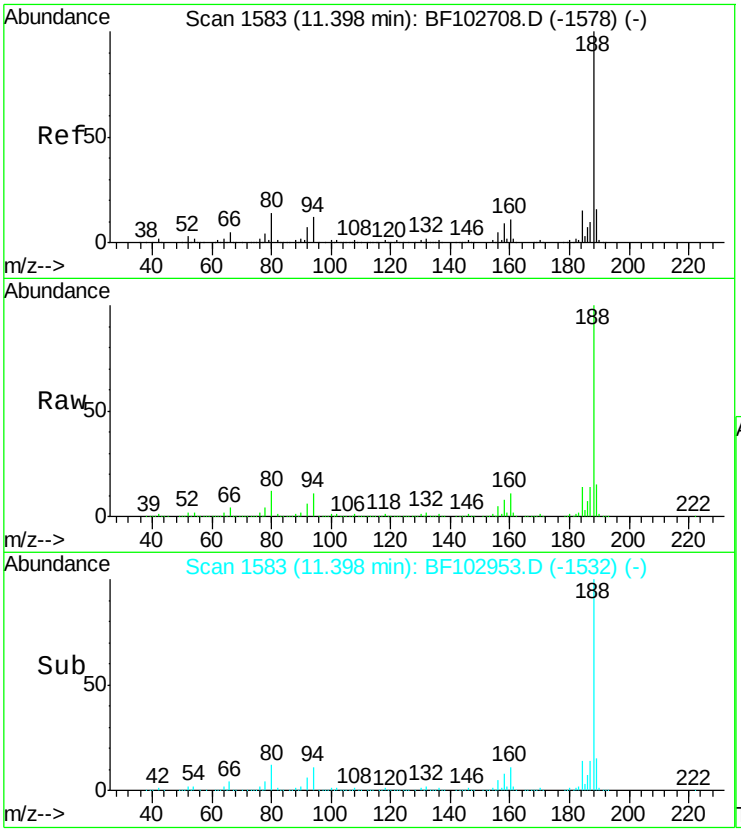


#56
2,4-Dinitrotoluene
Concen: 9.06 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:165 Resp: 44863

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



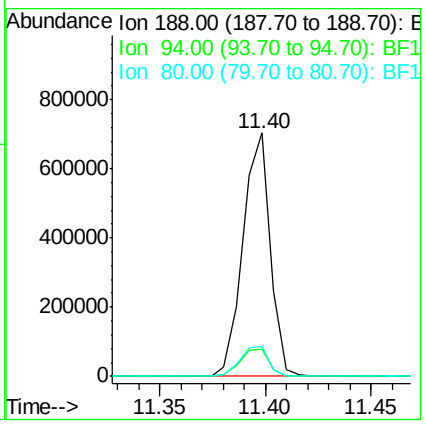


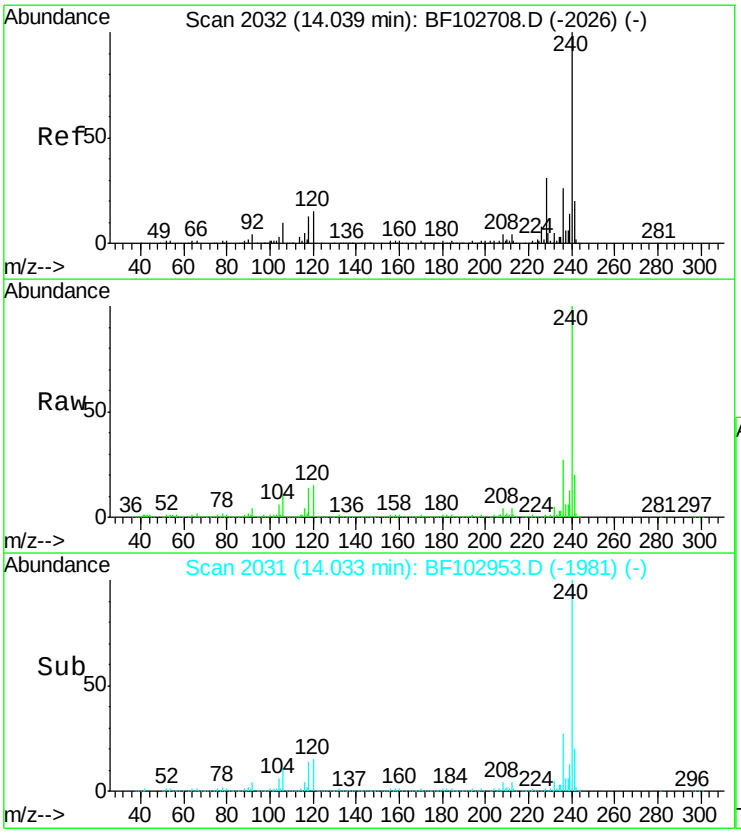
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 631875

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.2	9.2	13.8

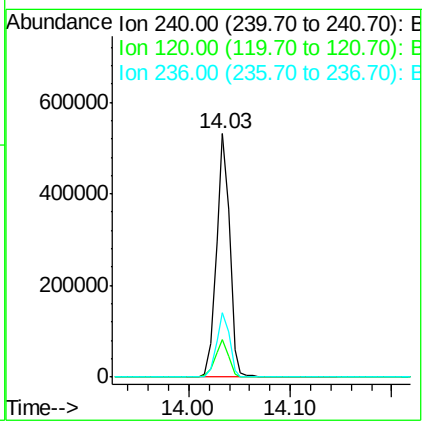


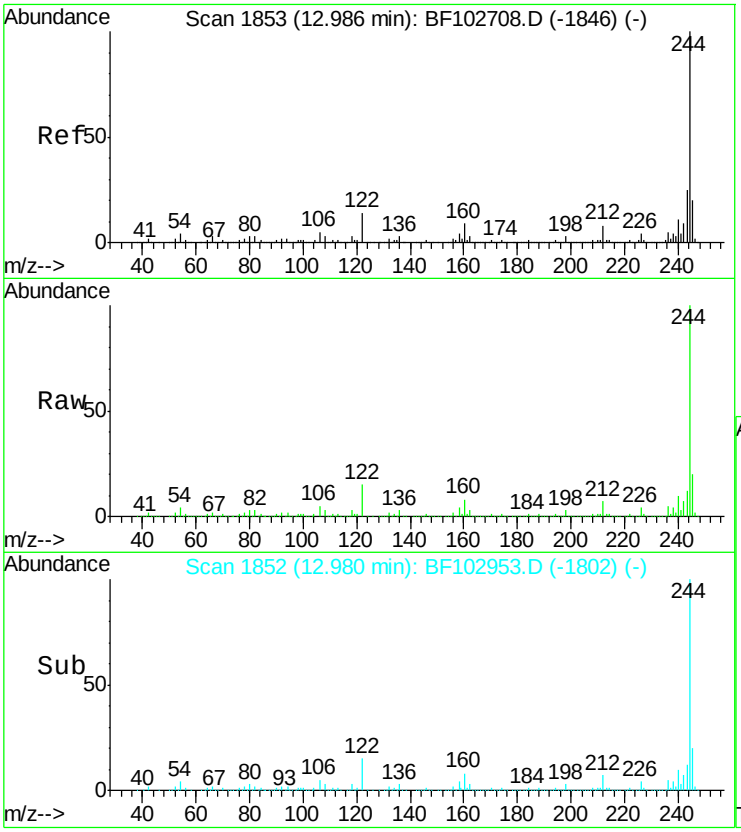


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:240 Resp: 479752

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	26.7	20.7	31.1



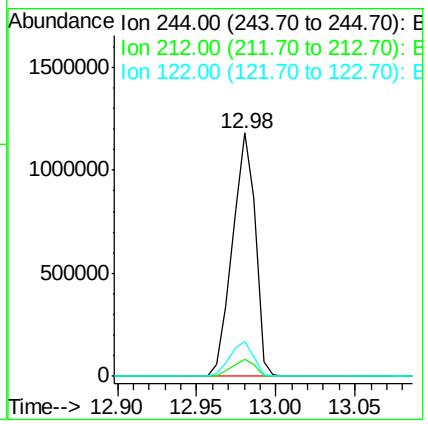


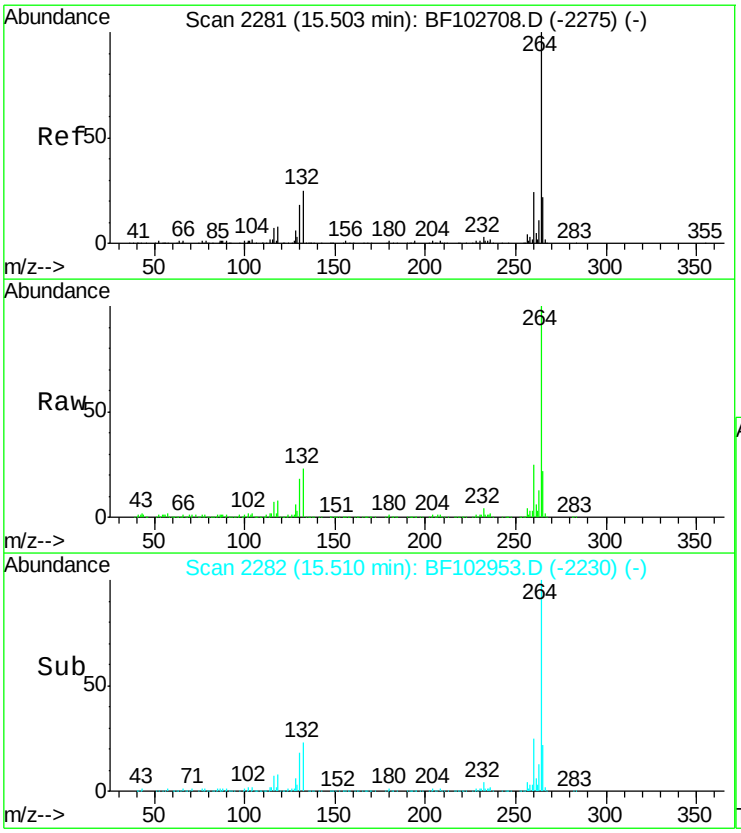
#78
Terphenyl-d14
Concen: 58.21 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1179473

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.6	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102953.D
Acq: 13 Feb 2018 11:27

Tgt Ion:264 Resp: 394998

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3