Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102100.D
Acq On : 16 Jan 2018 11:06
Operator : SJ/JU
Sample : J1116-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 23:29:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	206921	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	851651	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	372878	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	625587	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	407102	20.00	ng		-0.01
86) Perylene-d12	15.29	264	344321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1366833	93.28	ng		0.01
7) Phenol-d6	6.36	99	1761888	100.78	ng		0.00
23) Nitrobenzene-d5	7.29	82	1129484	77.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	339172	104.23	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1496259	62.69	ng		-0.01
78) Terphenyl-d14	12.82	244	1207375	61.58	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	31202	2.570	ng		81
10) Phenol	6.37	94	58112	2.941	ng		82
19) n-Nitroso-di-n-propylamine	7.29	70	152886	13.344	ng	#	80
25) Isophorone	7.29	82	1125840	39.315	ng	#	64
49) Dimethylphthalate	9.47	163	202832	6.781	ng		99
56) 2,4-Dinitrotoluene	9.75	165	47806	6.383	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	712	5.847	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	22119	3.348	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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Acq On : 16 Jan 2018 11:06
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
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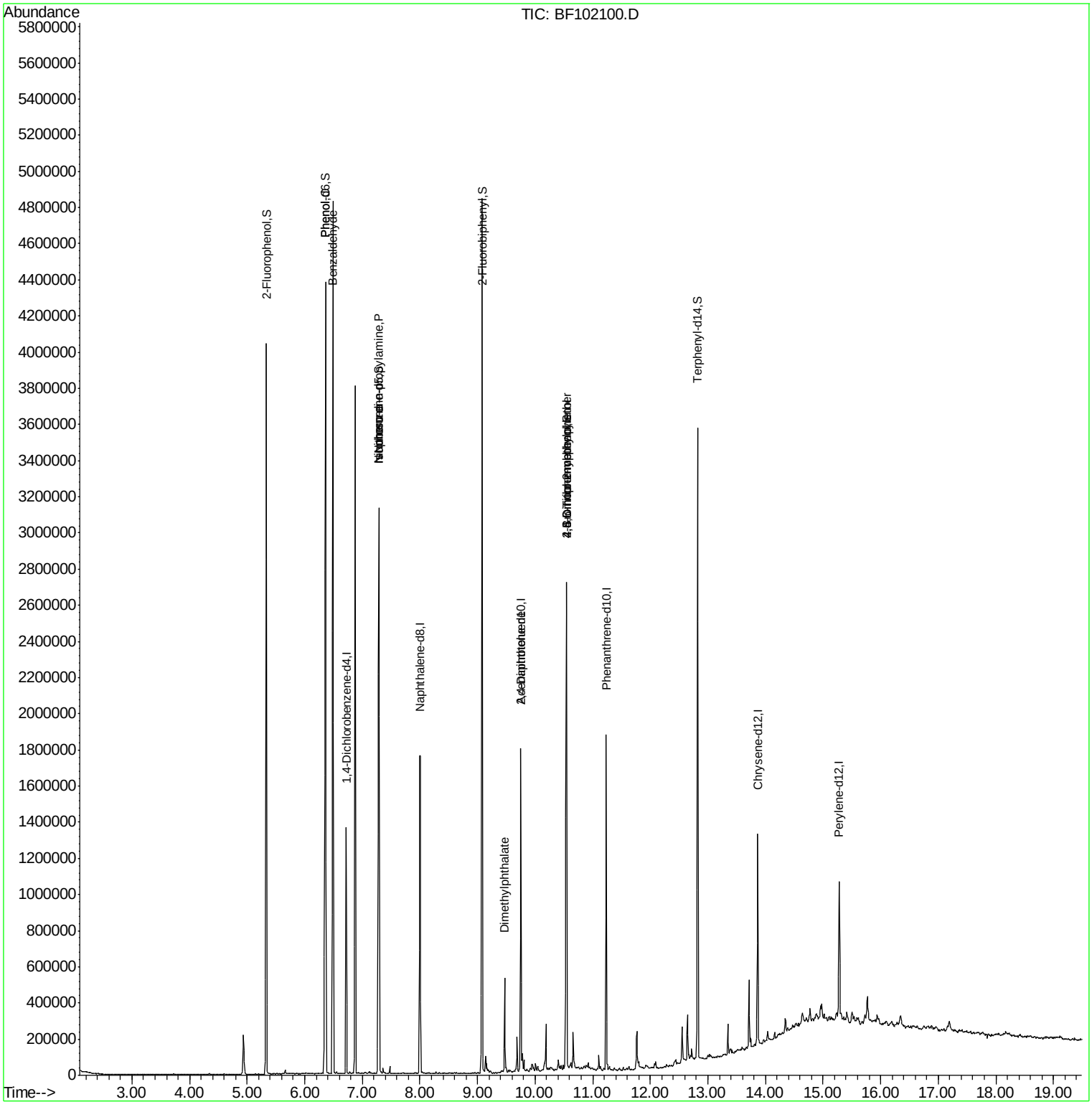
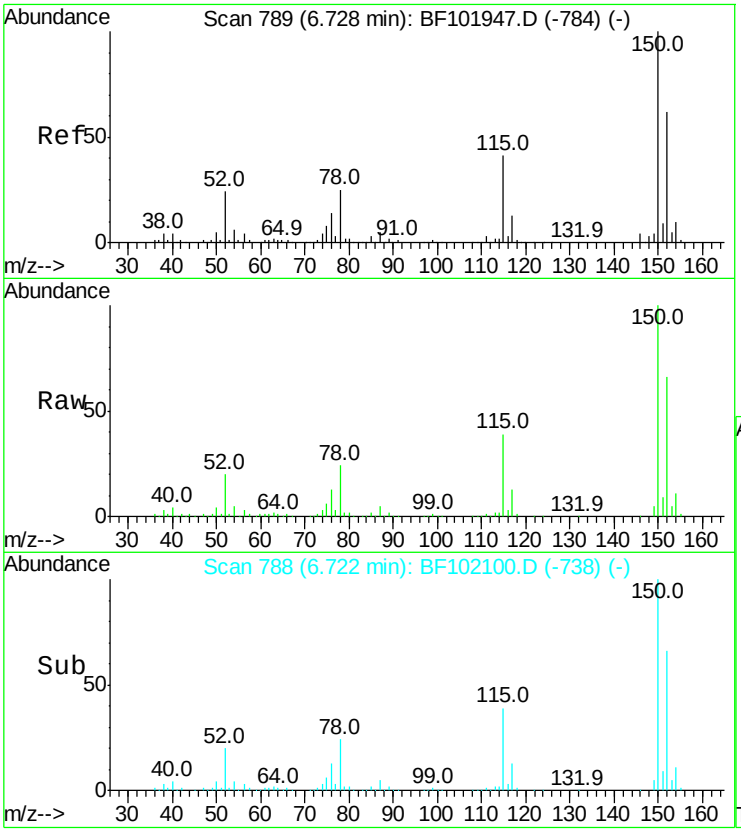


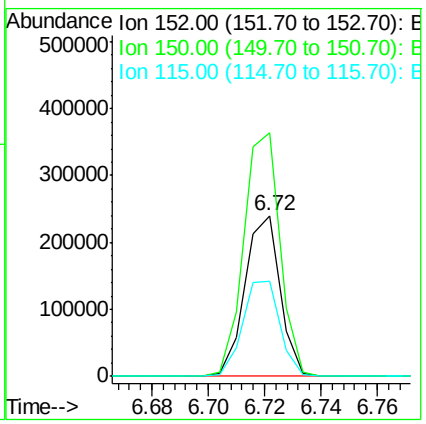


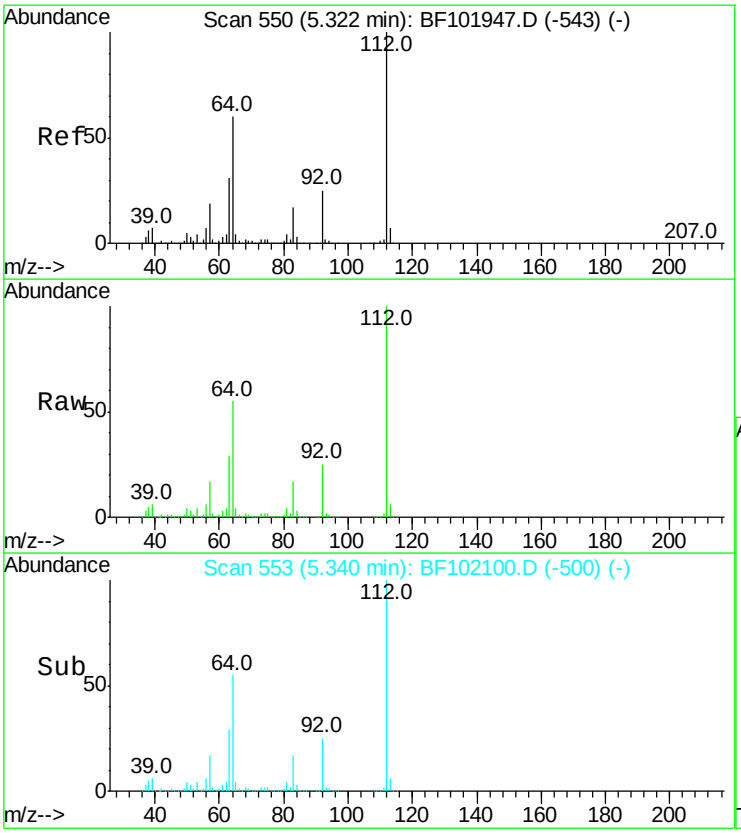
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 206921

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	59.1	50.1	75.1

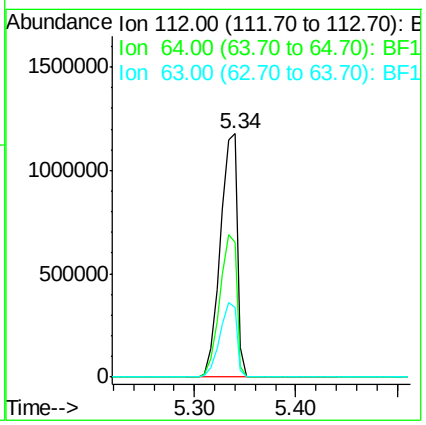


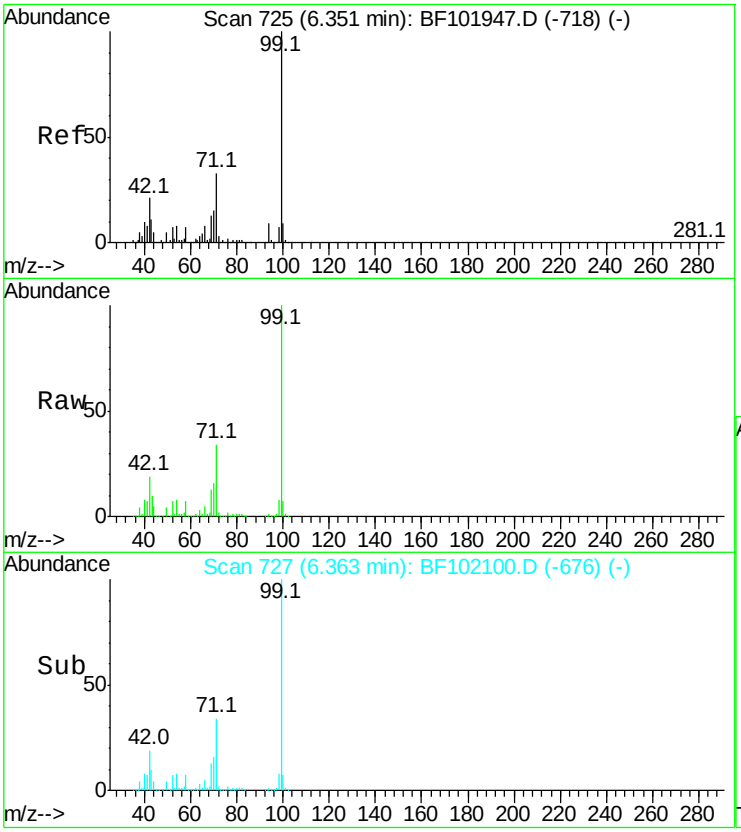


#5
2-Fluorophenol
Concen: 93.276 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:112 Resp: 1366833

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.6	23.7	35.5



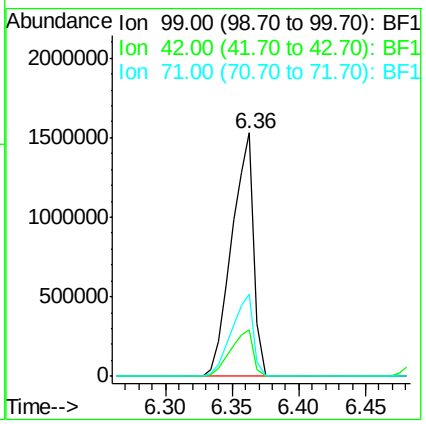


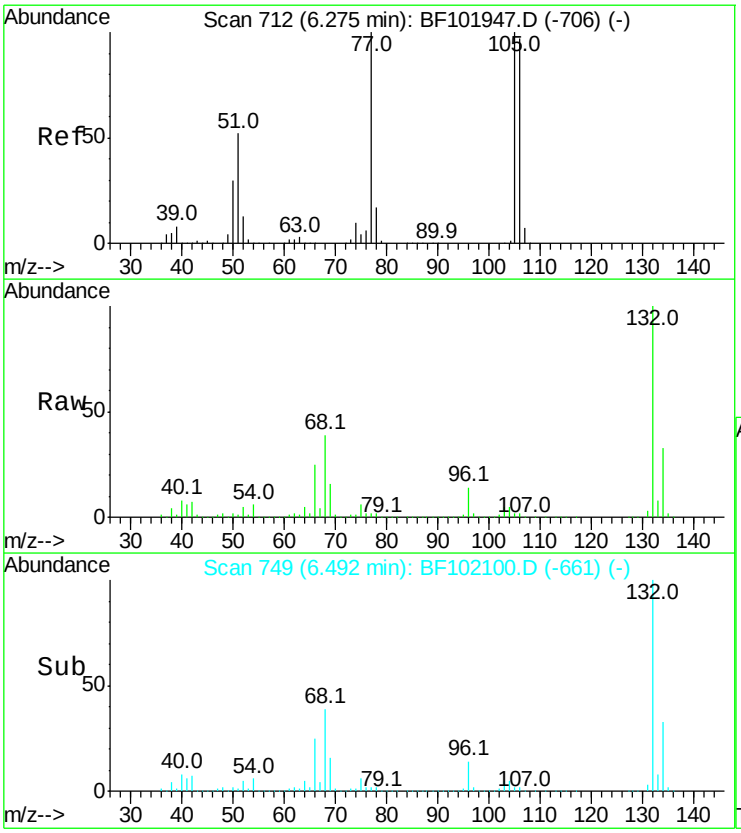
#7
Phenol-d6
Concen: 100.776 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1761888

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.0	25.4	38.0

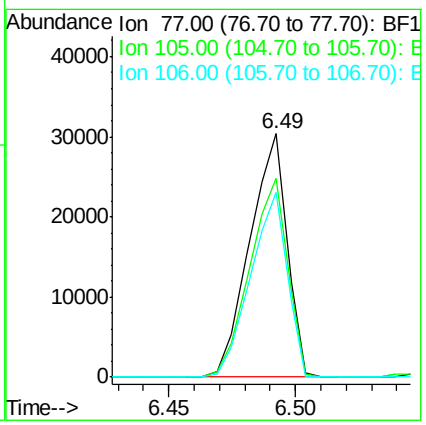


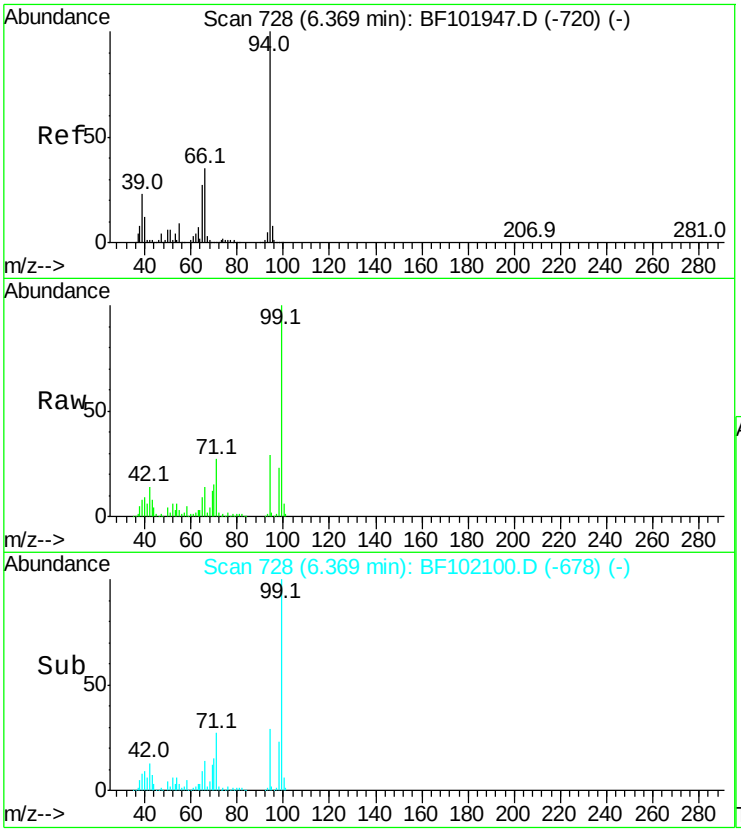


#9
Benzaldehyde
Concen: 2.570 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion: 77 Resp: 31202

Ion	Ratio	Lower	Upper
77	100		
105	81.7	81.1	121.1
106	75.7	74.5	114.5



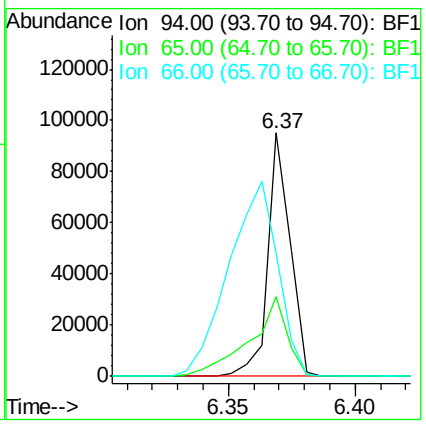


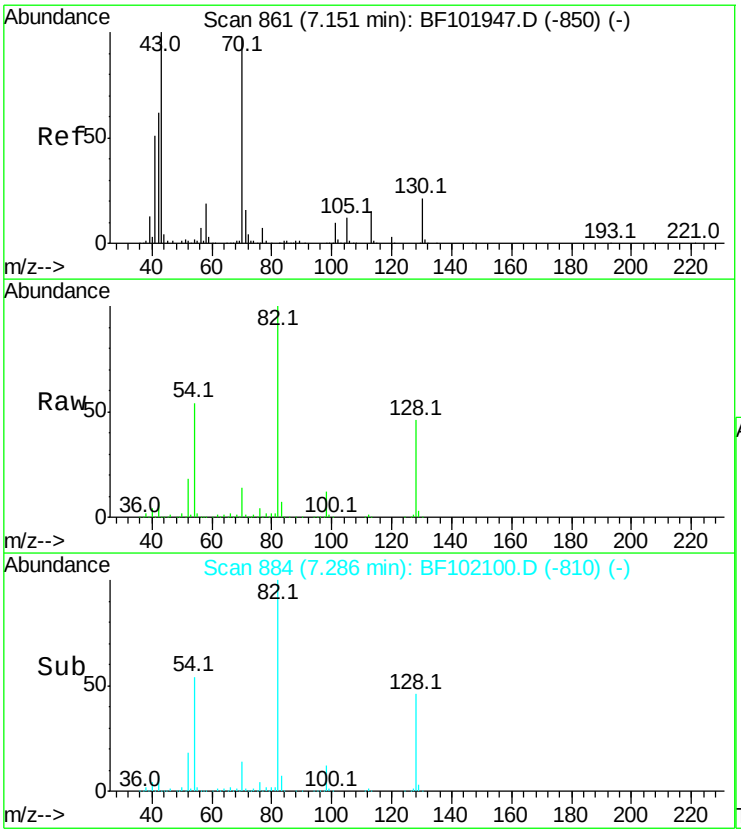
#10
Phenol
Concen: 2.941 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 58112

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	50.5	16.2	56.2

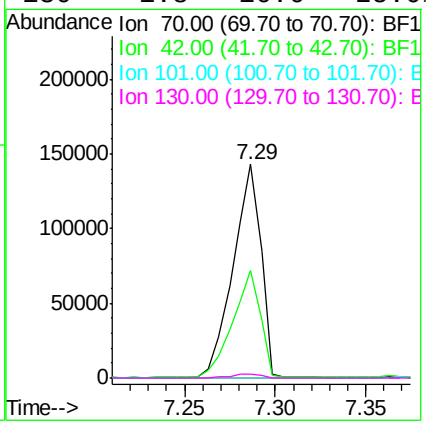


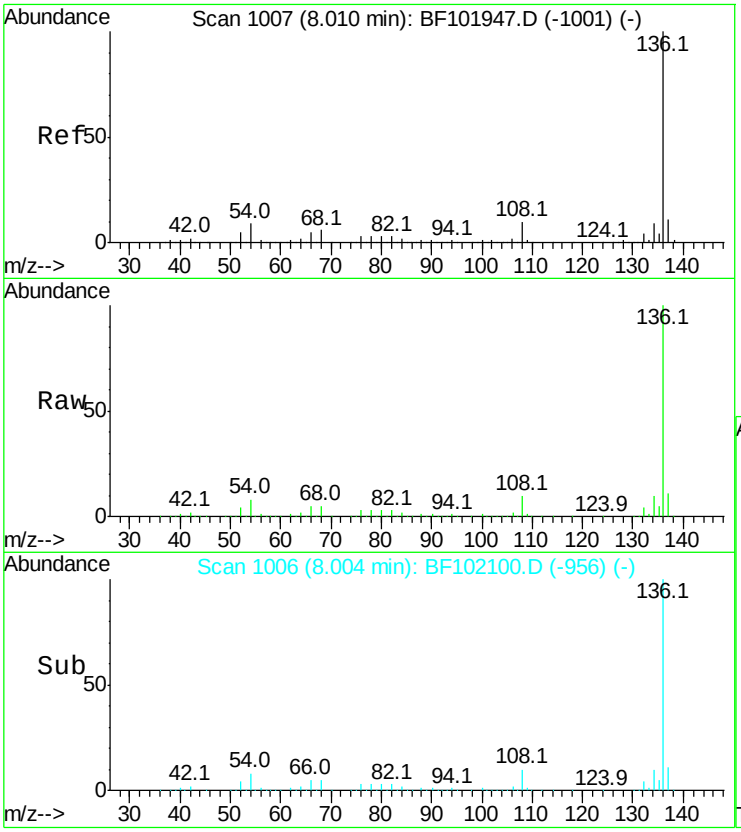


#19
n-Nitroso-di-n-propylamine
Concen: 13.344 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion: 70 Resp: 152886

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



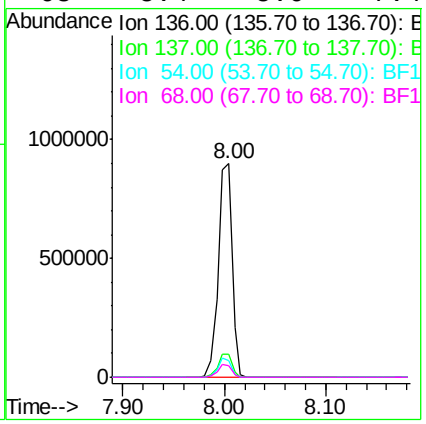


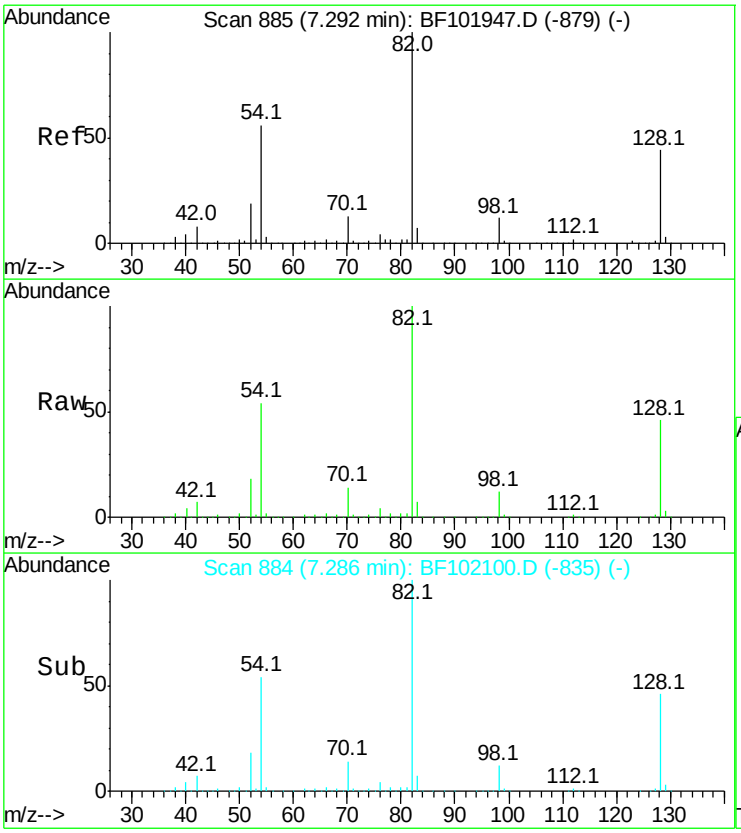
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 851651

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	6.6	9.8
68	5.4	5.0	7.4

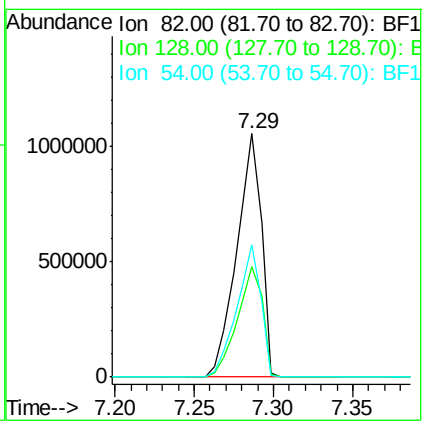


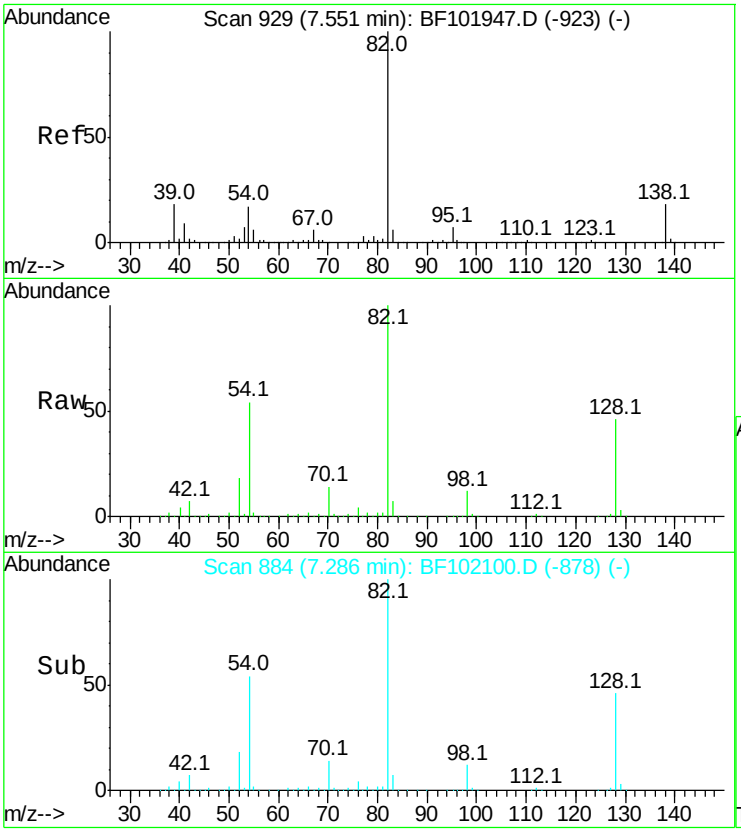


#23
Nitrobenzene-d5
Concen: 77.935 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion: 82 Resp: 1129484

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.2	41.4	62.2



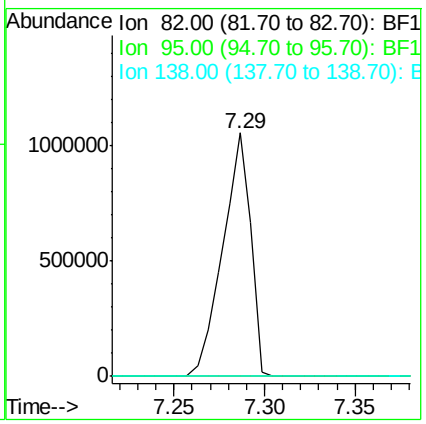


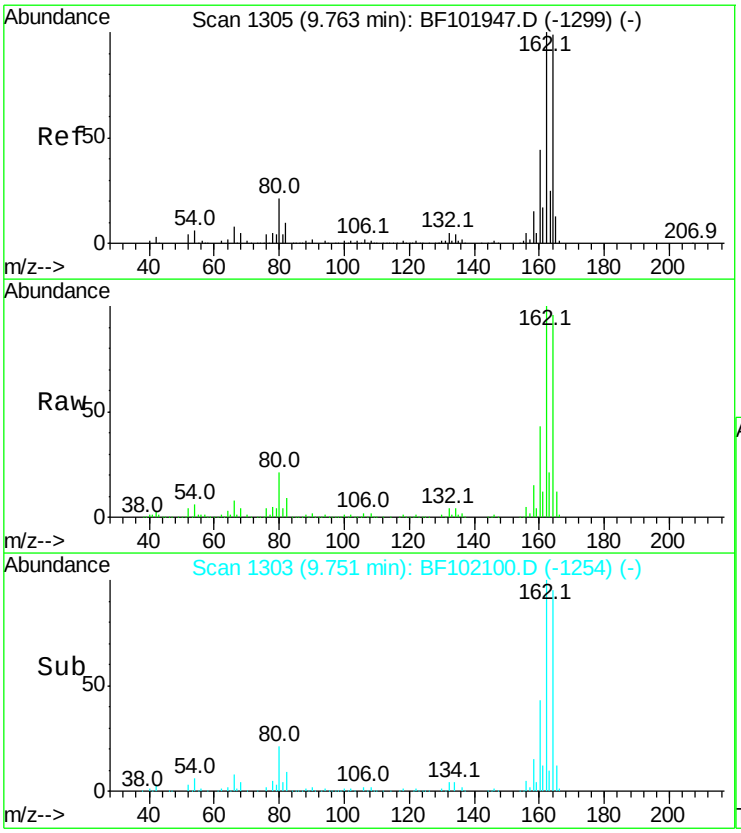
#25
Isophorone
Concen: 39.315 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1125840

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

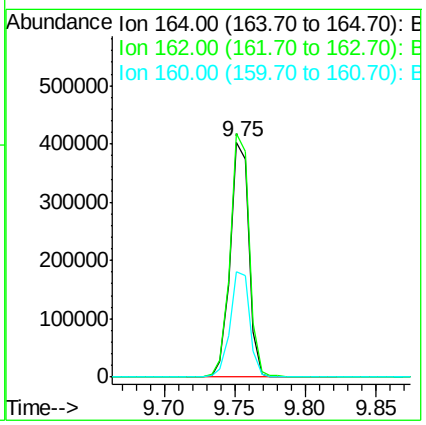


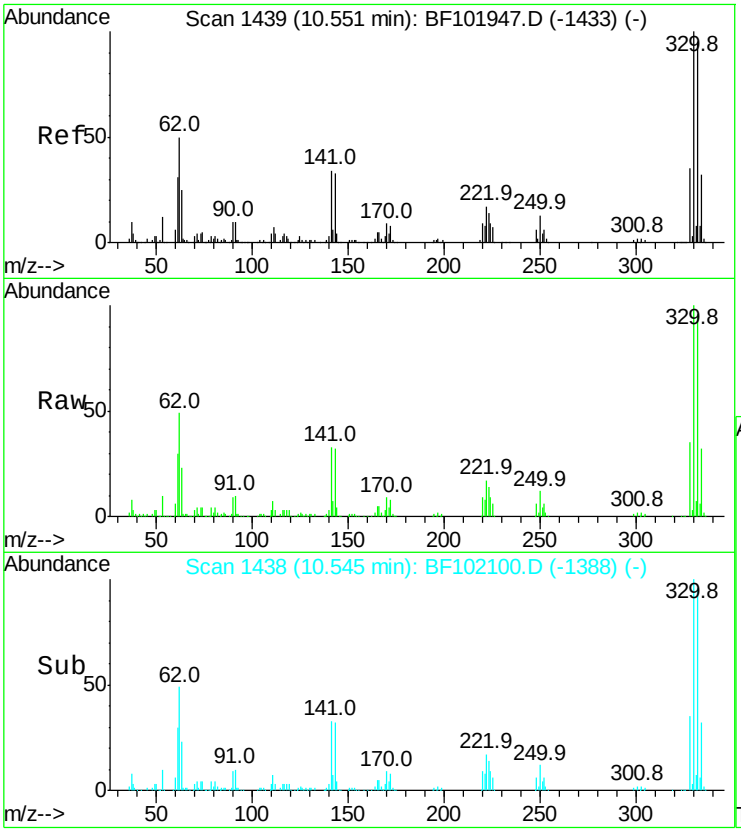


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:164 Resp: 372878

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.9	38.3	57.5



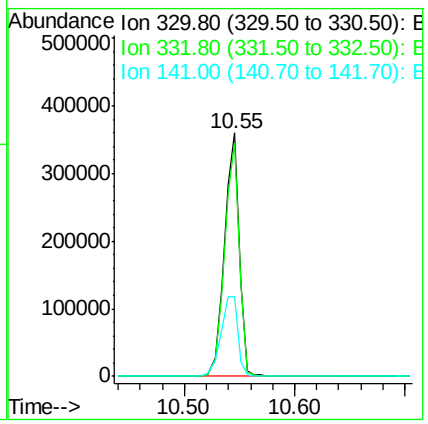


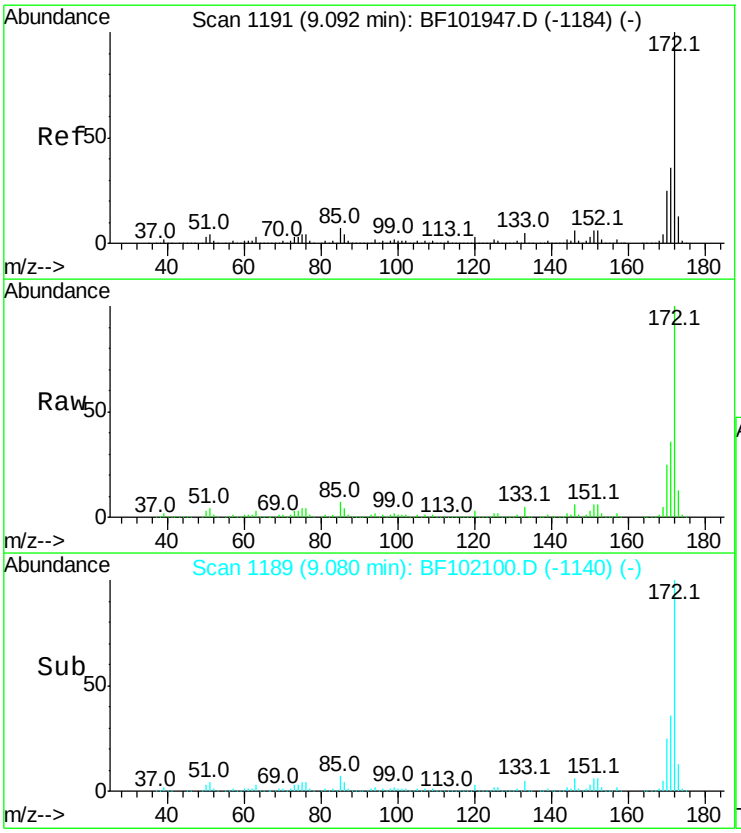
#41
2,4,6-Tribromophenol
Concen: 104.230 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 339172

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.1	29.9	44.9

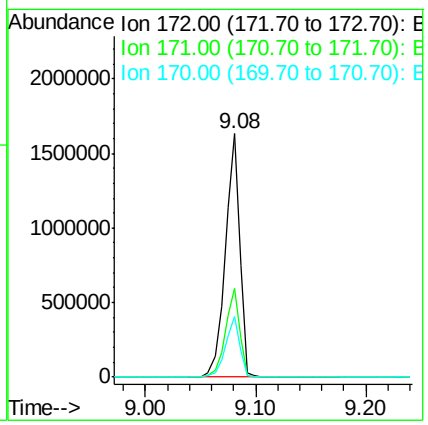


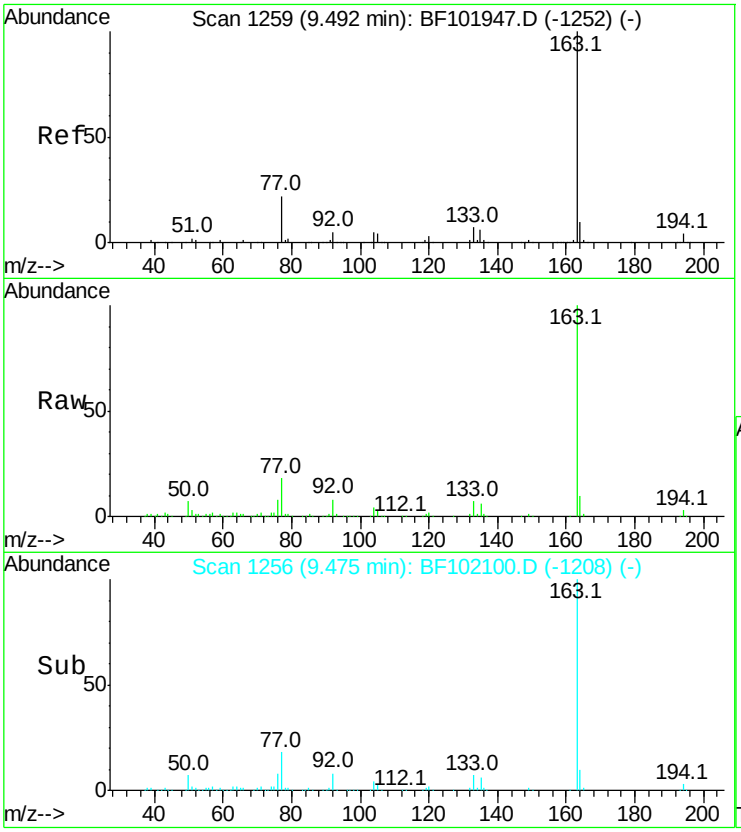


#44
2-Fluorobiphenyl
Concen: 62.690 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:172 Resp: 1496259

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4



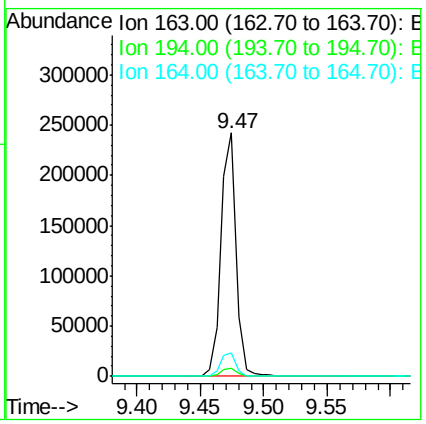


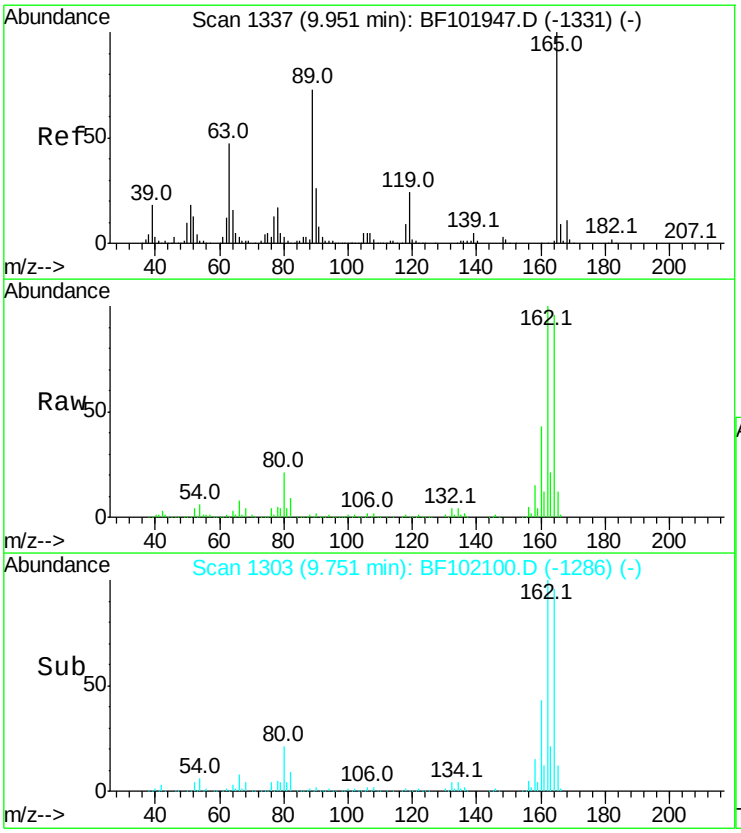
#49
Dimethylphthalate
Concen: 6.781 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 202832

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2

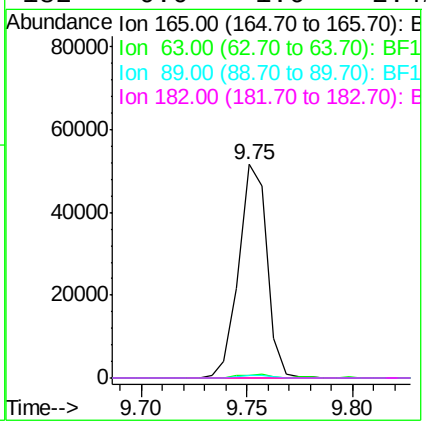


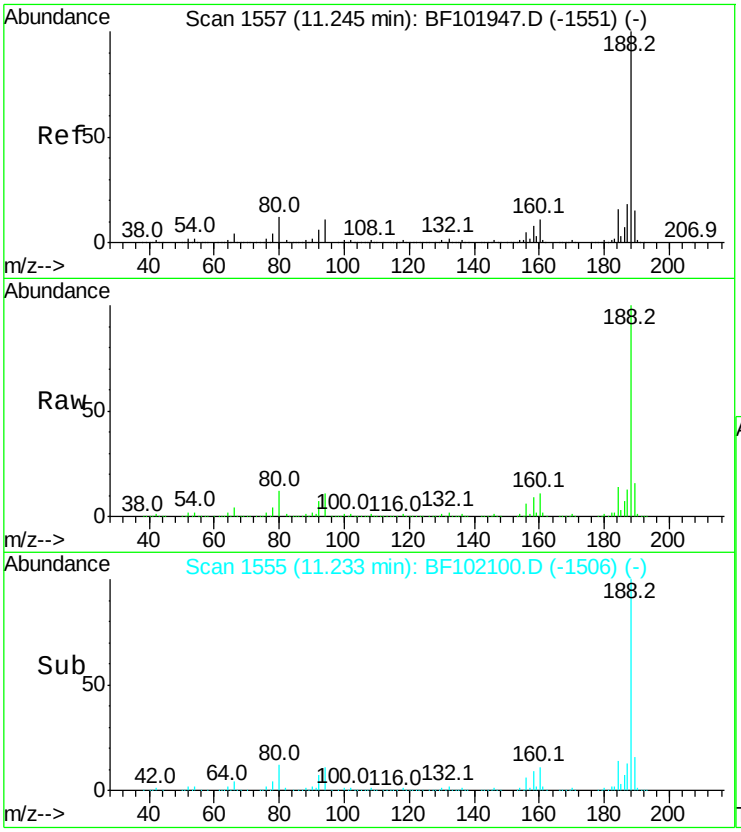


#56
2,4-Dinitrotoluene
Concen: 6.383 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:165 Resp: 47806

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



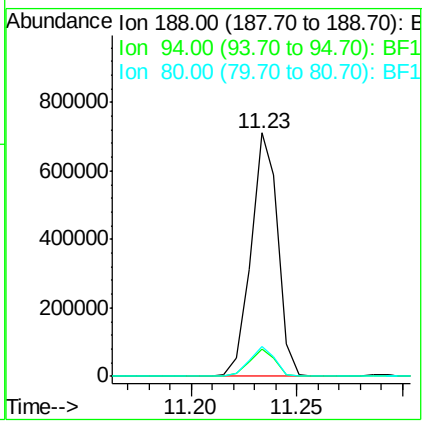


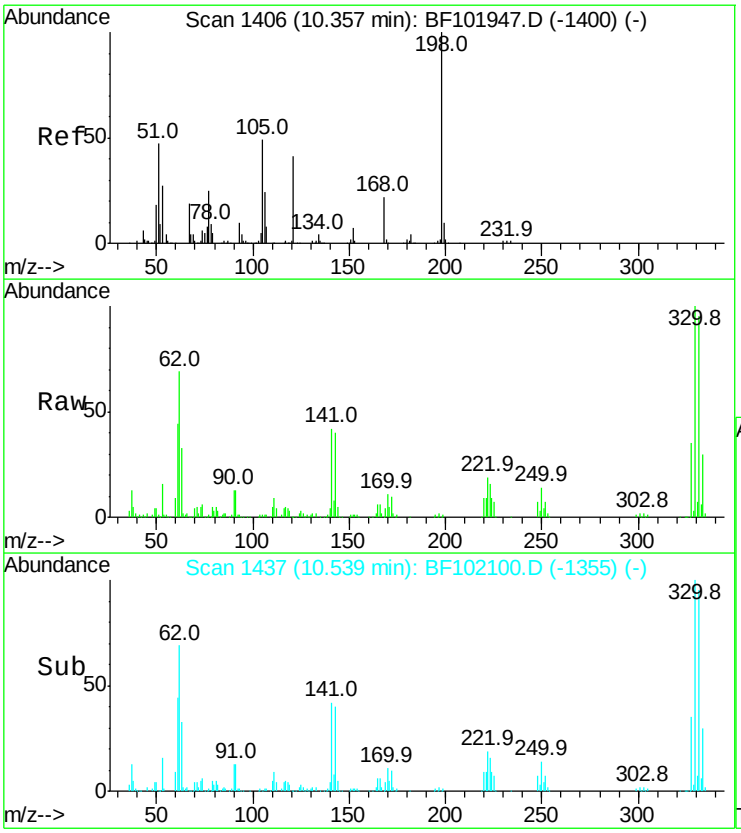
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 625587

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.2	9.2	13.8

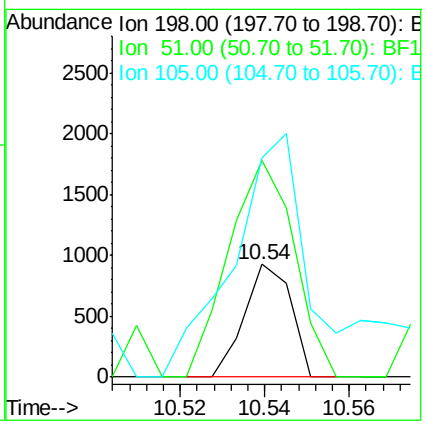


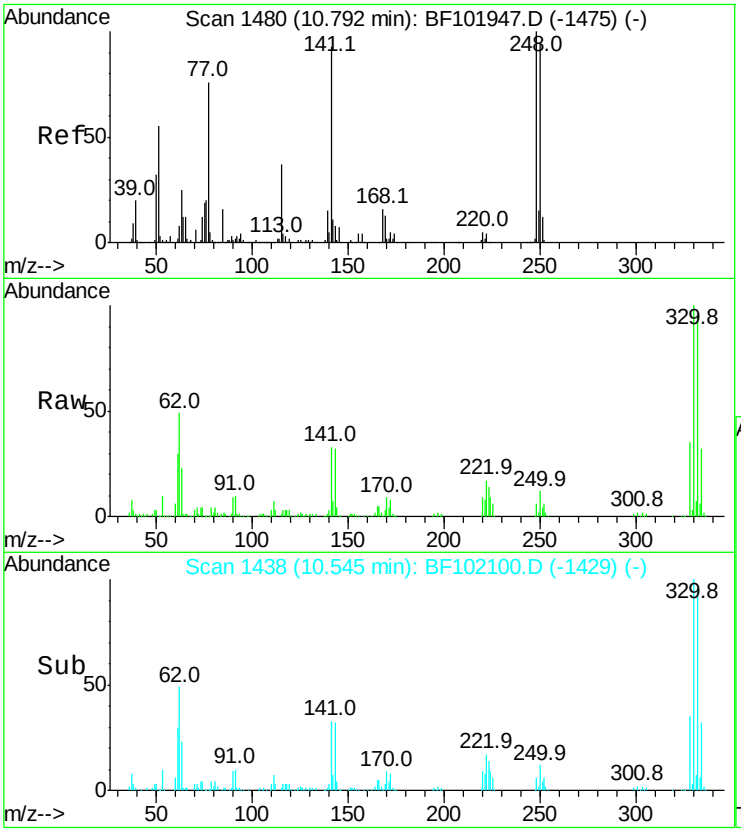


#64
4,6-Dinitro-2-methylphenol
Concen: 5.847 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:198 Resp: 712

Ion	Ratio	Lower	Upper
198	100		
51	192.9	37.7	77.7#
105	194.9	36.3	76.3#



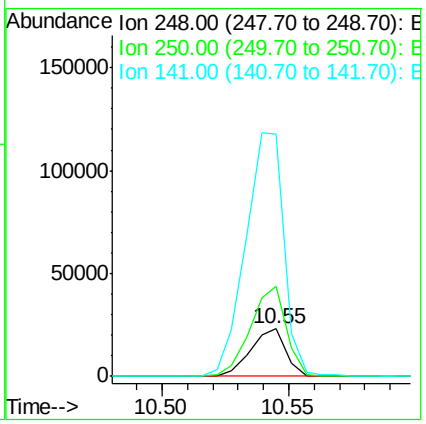


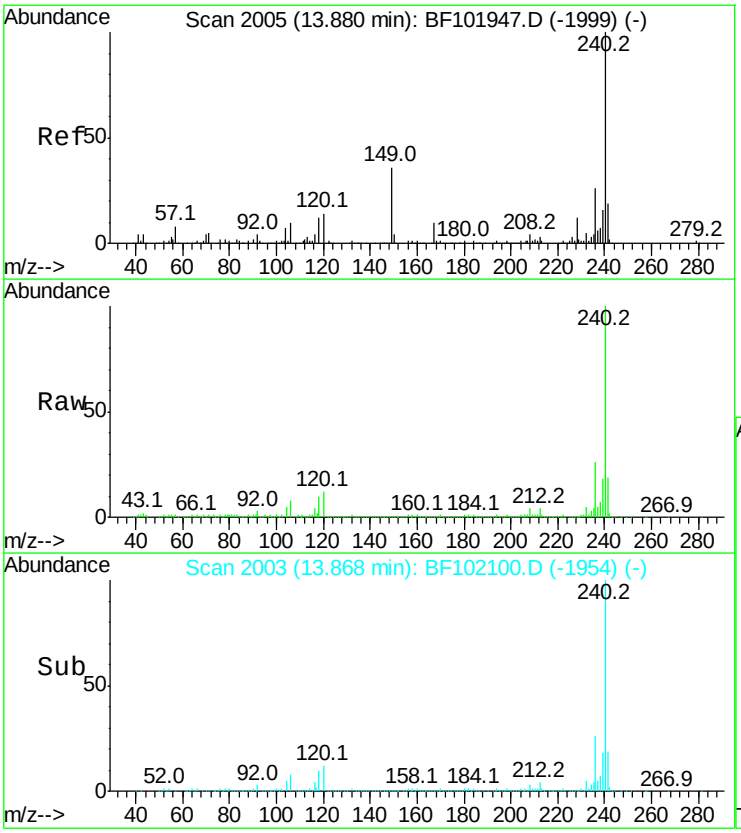
#66
4-Bromophenyl-phenylether
Concen: 3.348 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 22119

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.9	115.3#
141	509.8	74.4	111.6#

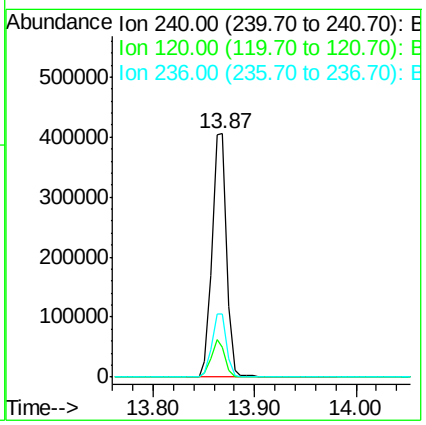


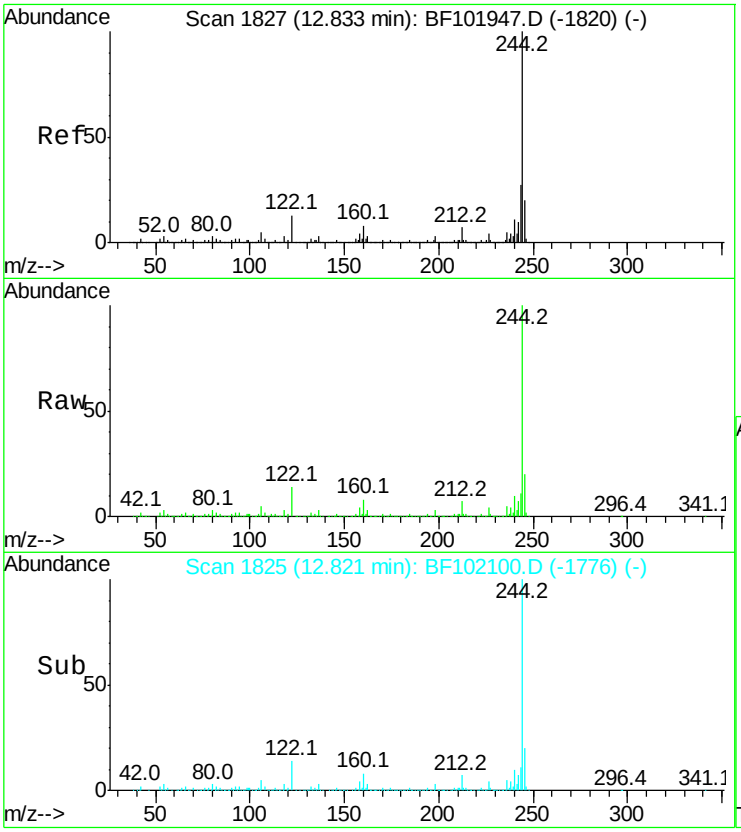


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:240 Resp: 407102

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	20.7	31.1



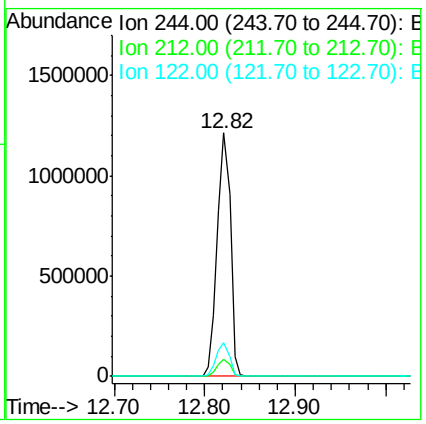


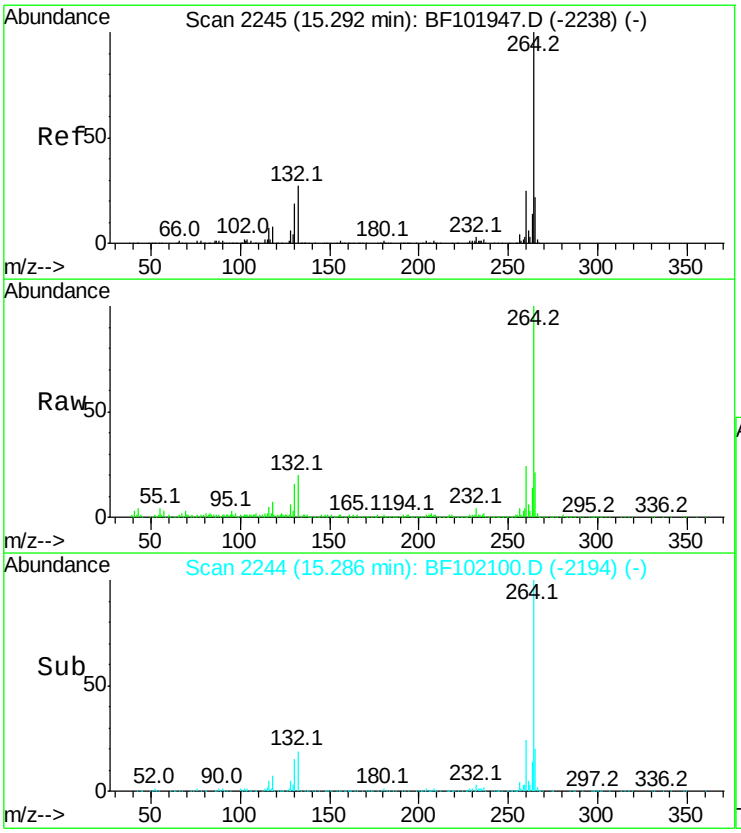
#78
Terphenyl-d14
Concen: 61.577 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1207375

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102100.D
Acq: 16 Jan 2018 11:06

Tgt Ion:264 Resp: 344321

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.5	17.5	26.3