Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102136.D
Acq On : 17 Jan 2018 3:16
Operator : SJ/JU
Sample : J1114-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 17 04:14:11 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	137044	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	536999	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	221814	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	341561	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	241254	20.00	ng		-0.02
86) Perylene-d12	15.27	264	249807	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1096313	112.96	ng		0.00
7) Phenol-d6	6.36	99	1291824	111.56	ng		0.00
23) Nitrobenzene-d5	7.29	82	806701	88.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	250108	129.21	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1313867	92.54	ng		-0.01
78) Terphenyl-d14	12.82	244	878242	75.58	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	35556	2.717	ng		87
19) n-Nitroso-di-n-propylamine	7.29	70	109398	14.417	ng	#	81
25) Isophorone	7.29	82	806690	44.676	ng	#	64
49) Dimethylphthalate	9.47	163	127728	7.178	ng		99
56) 2,4-Dinitrotoluene	9.75	165	28415	6.378	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.55	198	589	5.942	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	16238	4.502	ng	#	1

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

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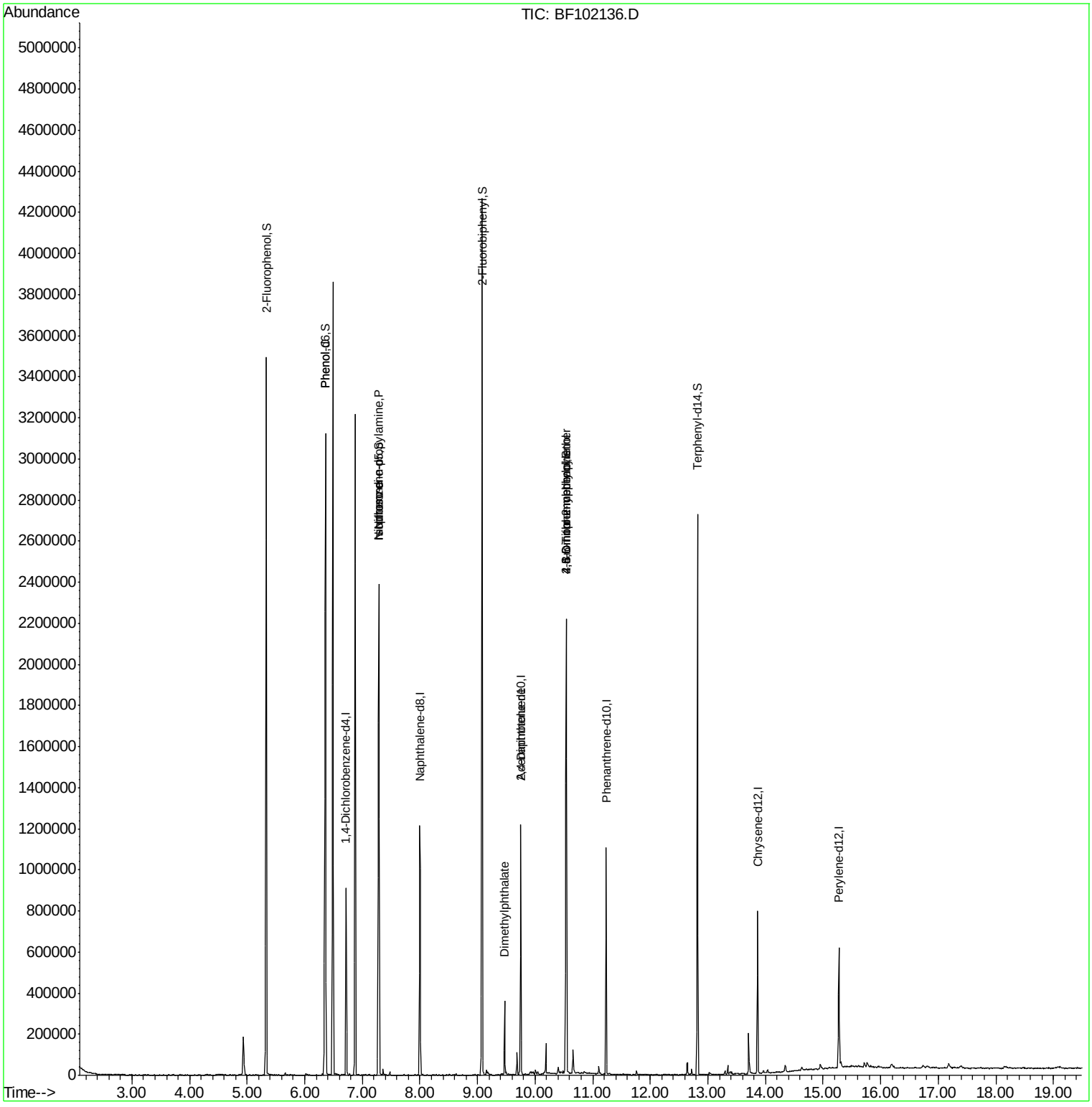
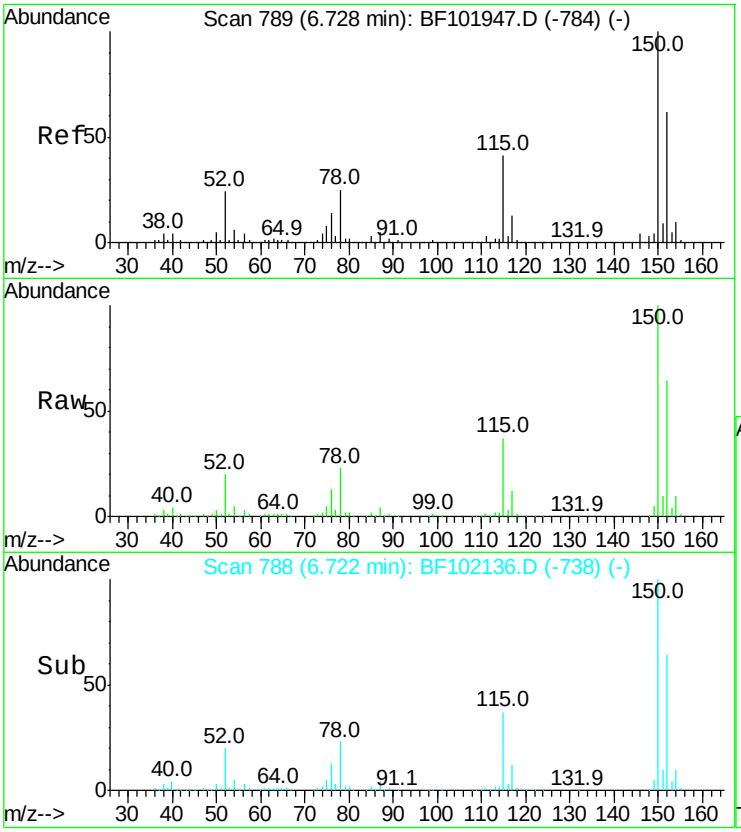
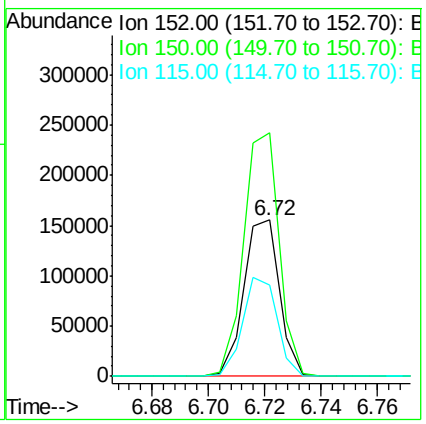




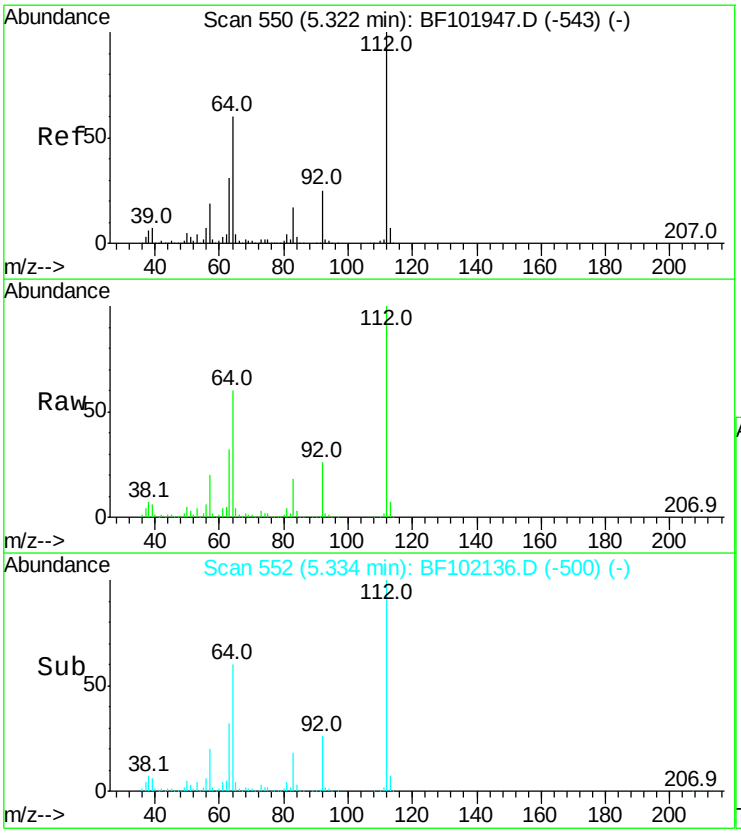
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:152 Resp: 137044

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	58.2	50.1	75.1



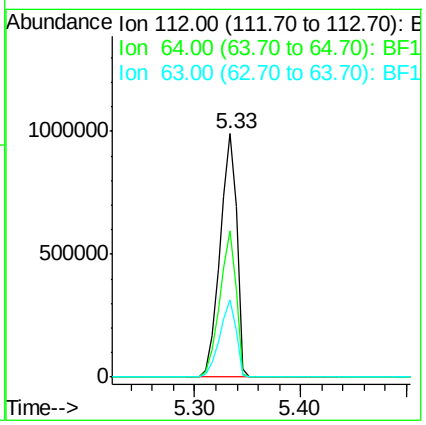
Instrument :
BNA_F
ClientSampleId :

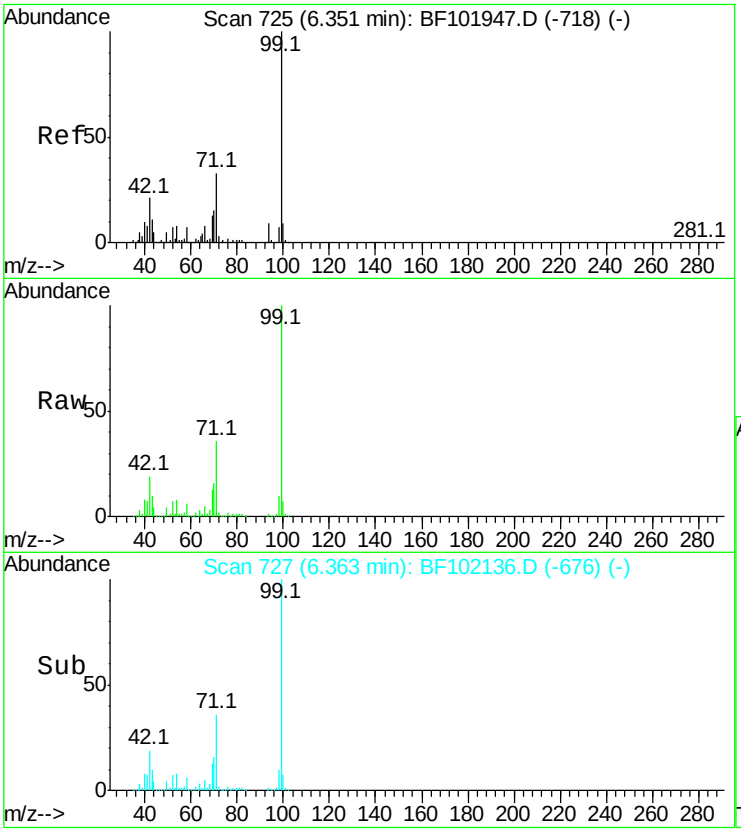


#5
2-Fluorophenol
Concen: 112.963 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:112 Resp: 1096313

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.7	23.7	35.5



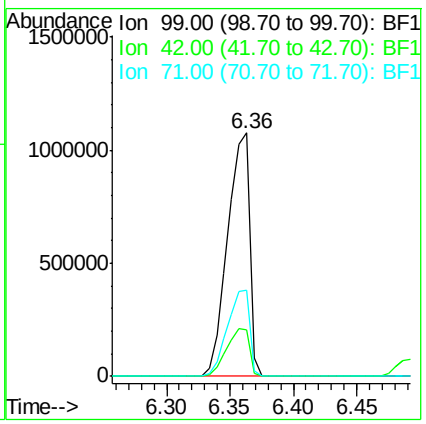


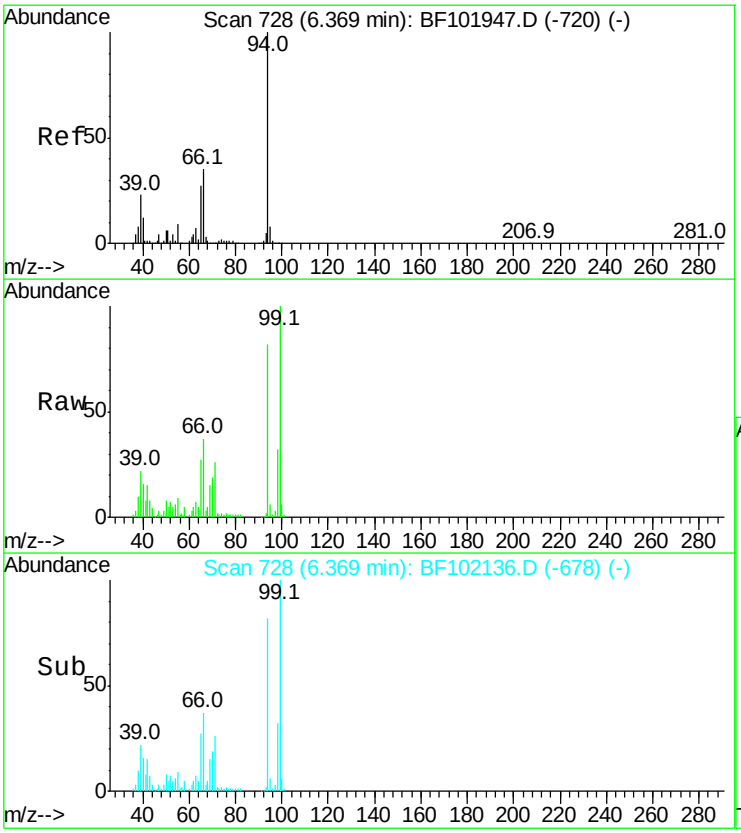
#7
Phenol-d6
Concen: 111.564 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1291824

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.6	25.4	38.0

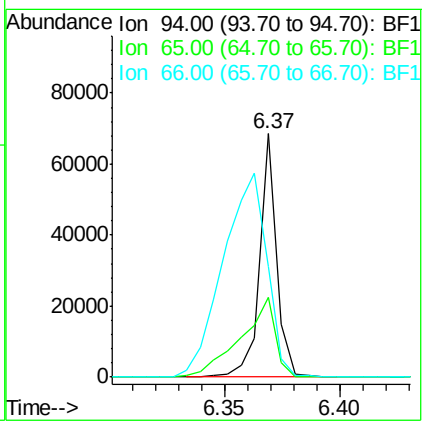


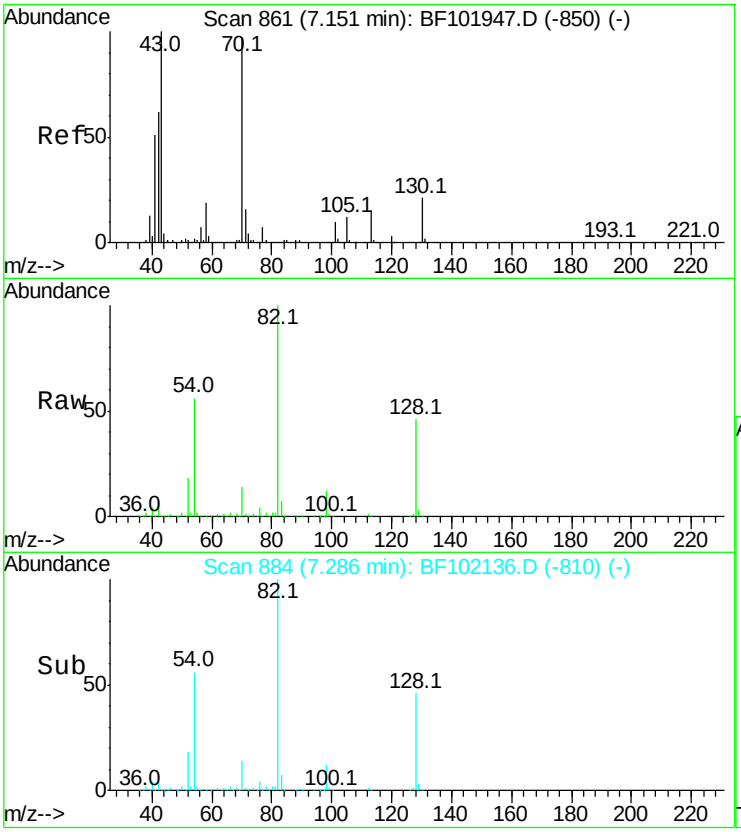


#10
Phenol
Concen: 2.717 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion: 94 Resp: 35556

Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	45.1	16.2	56.2



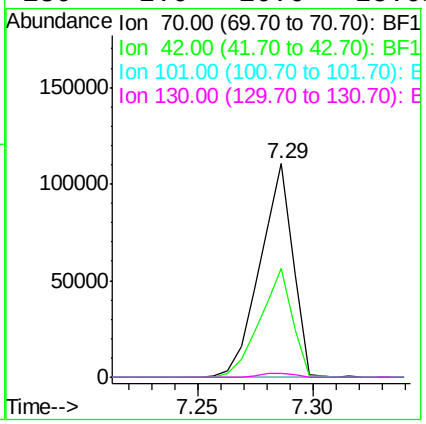


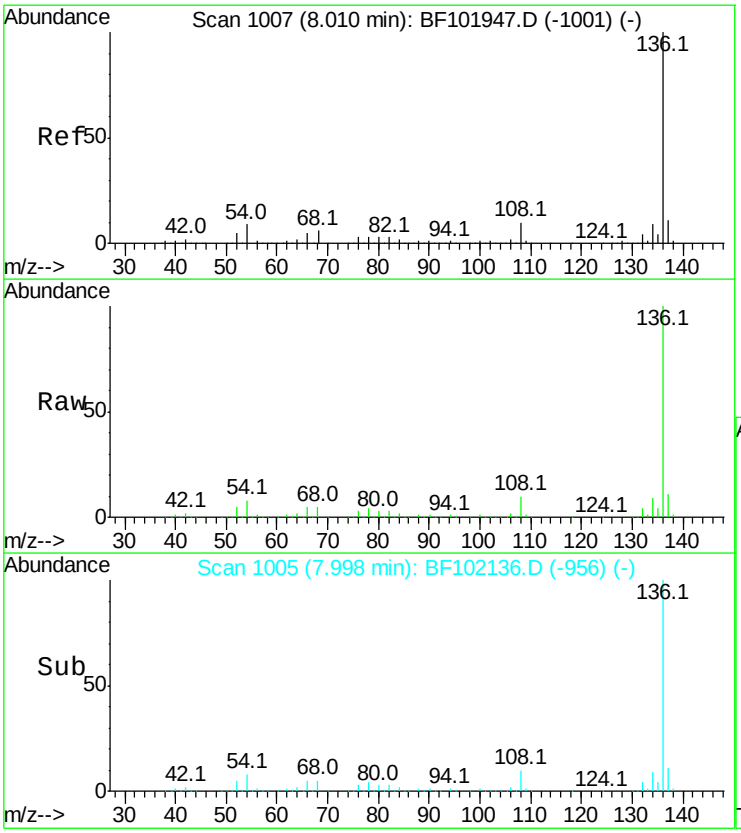
#19
n-Nitroso-di-n-propylamine
Concen: 14.417 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 109398

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

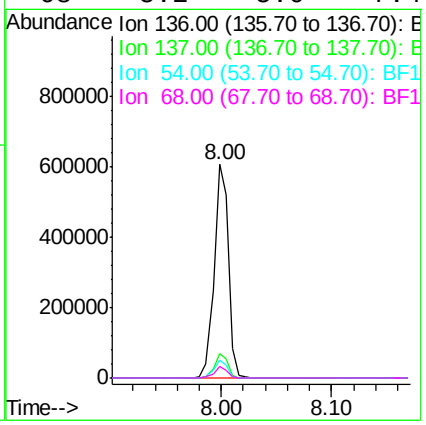


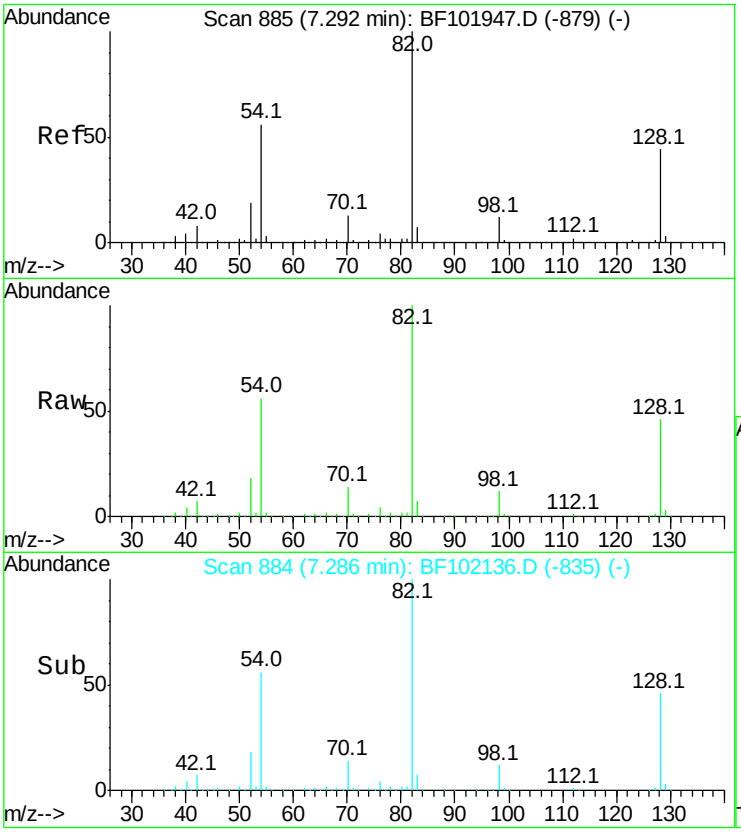


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:136 Resp: 536999

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	5.2	5.0	7.4



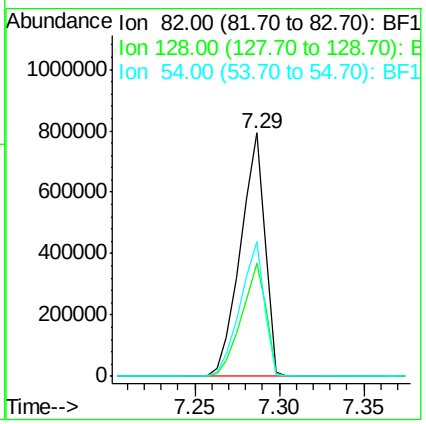


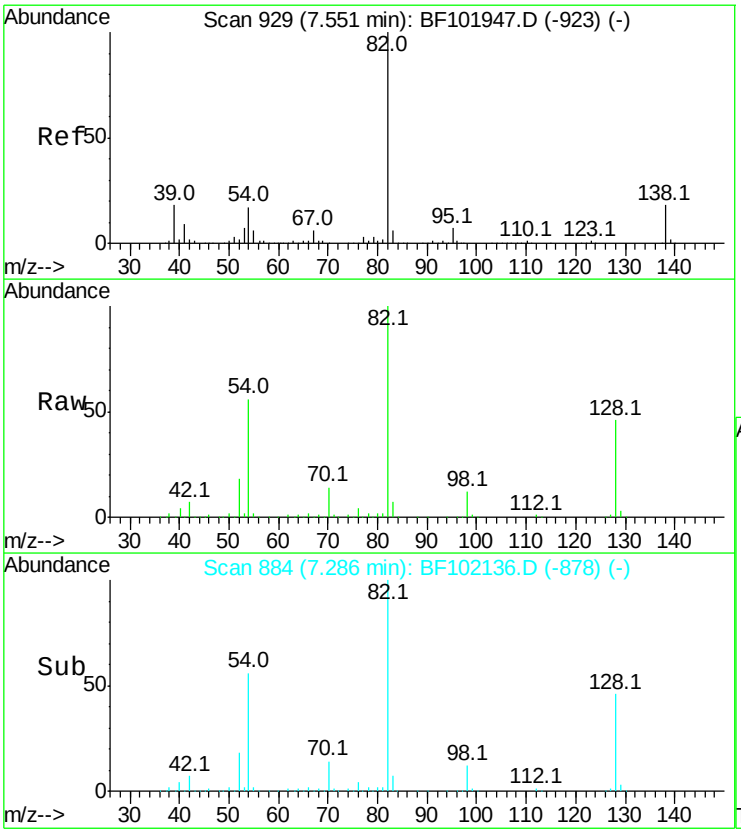
#23
Nitrobenzene-d5
Concen: 88.278 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 806701

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	55.5	41.4	62.2

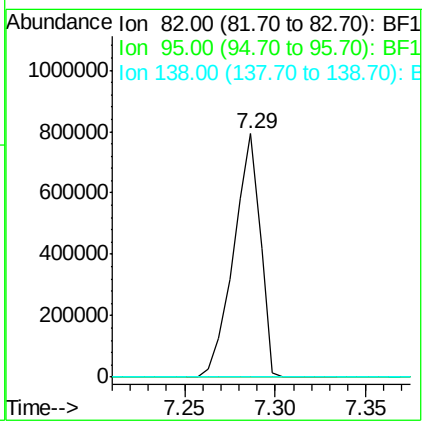


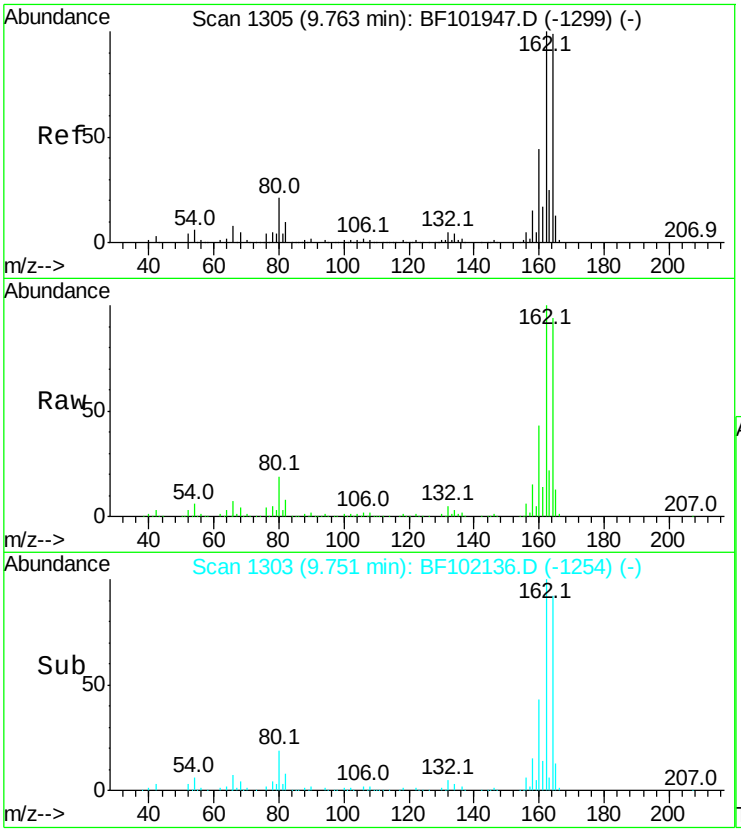


#25
Isophorone
Concen: 44.676 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion: 82 Resp: 806690

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



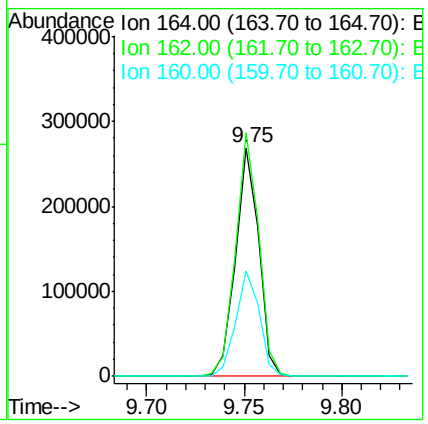


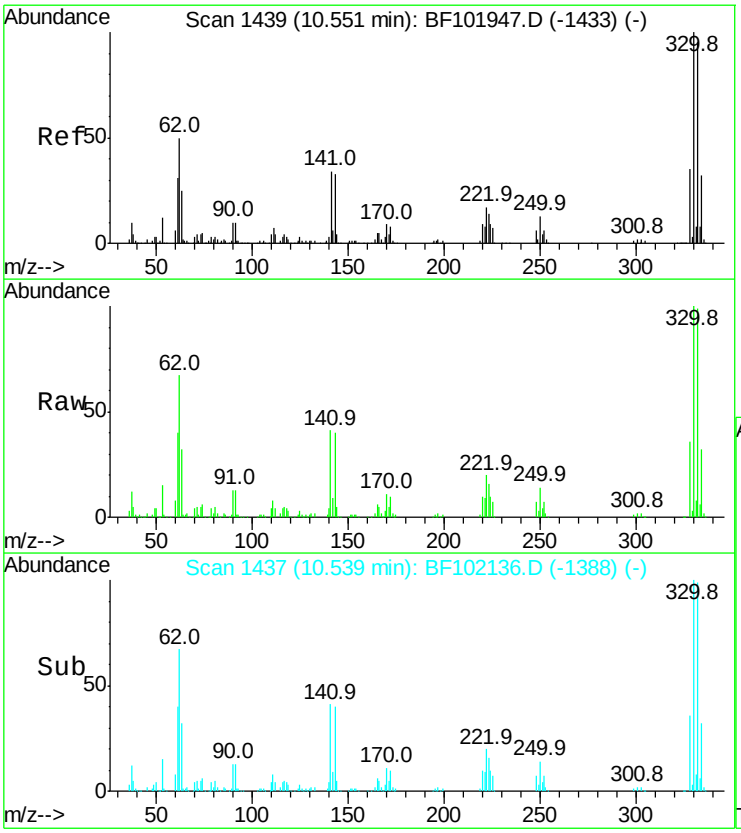
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 221814

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	45.8	38.3	57.5

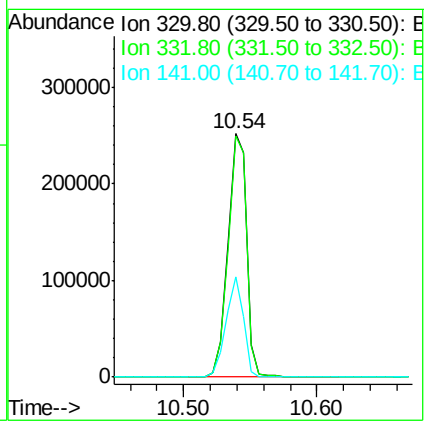


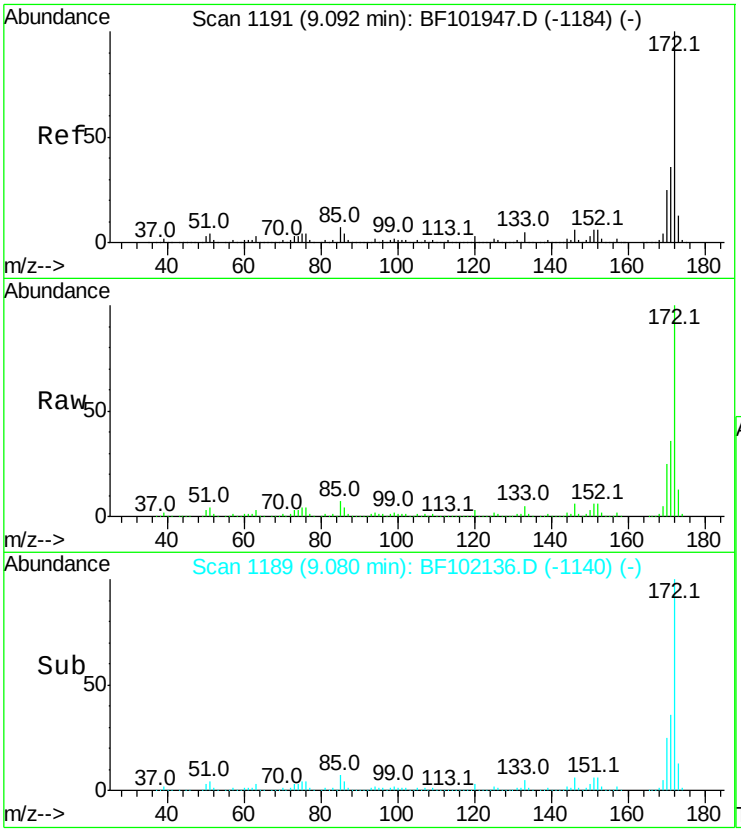


#41
2,4,6-Tribromophenol
Concen: 129.205 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:330 Resp: 250108

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	39.0	29.9	44.9



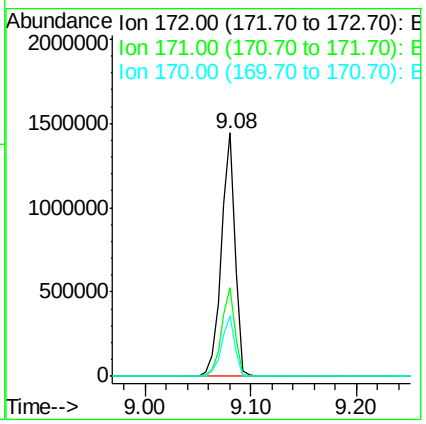


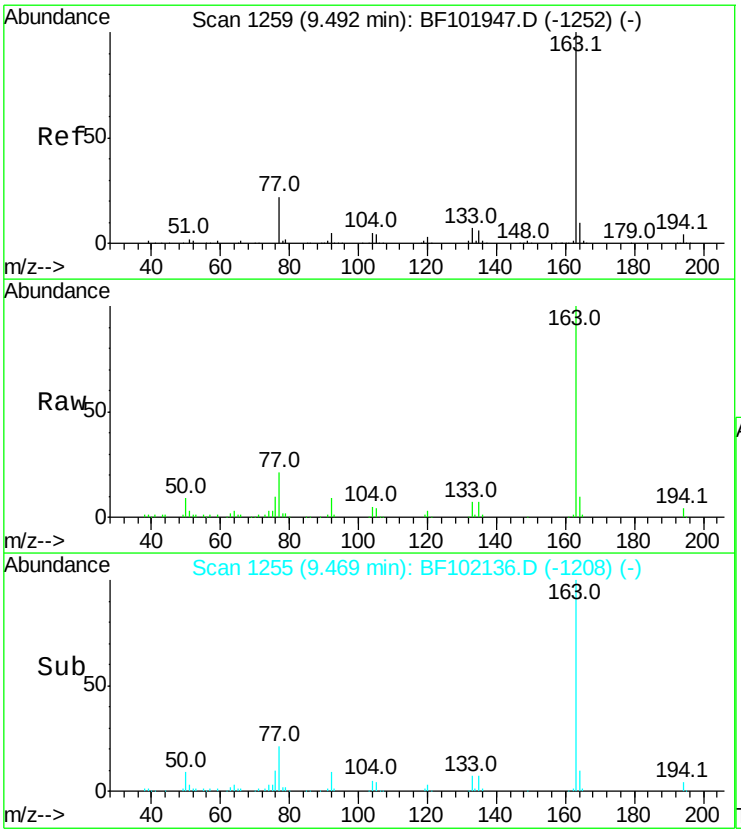
#44
2-Fluorobiphenyl
Concen: 92.538 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1313867

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.8	19.6	29.4

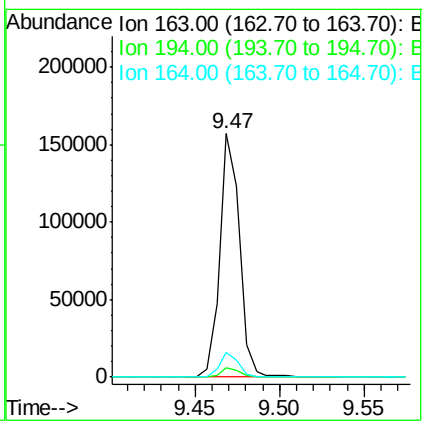


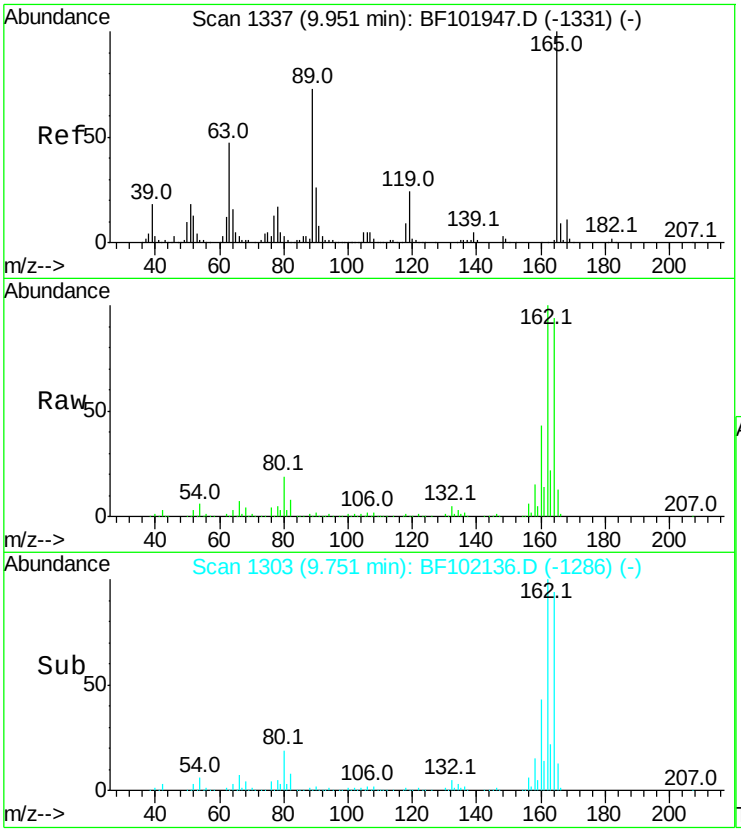


#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:163 Resp: 127728

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2



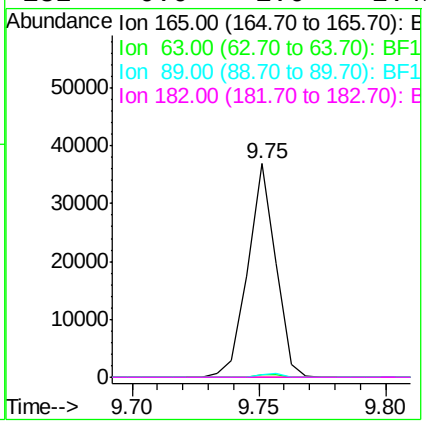


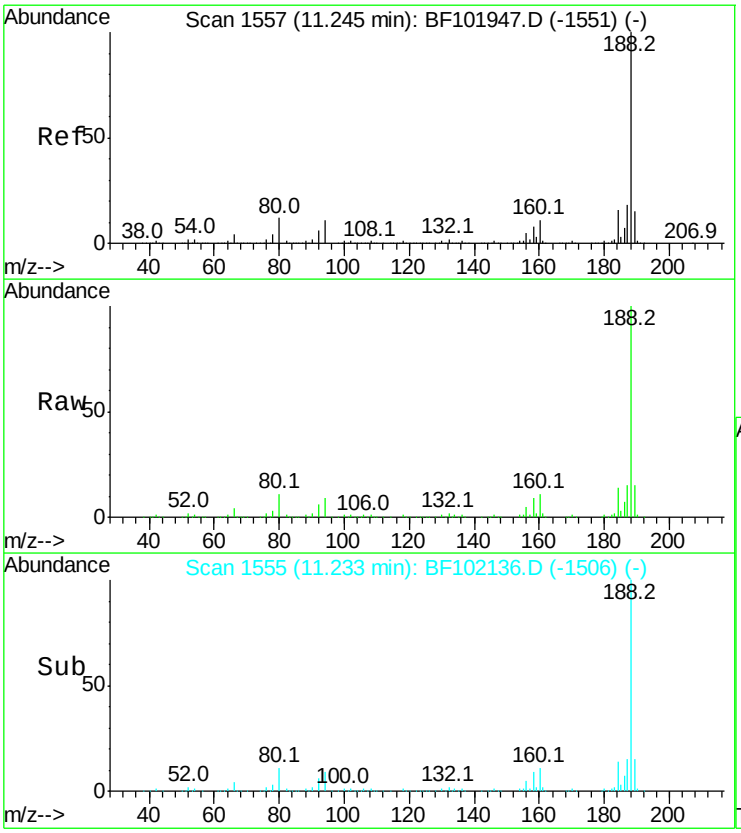
#56
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28415

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

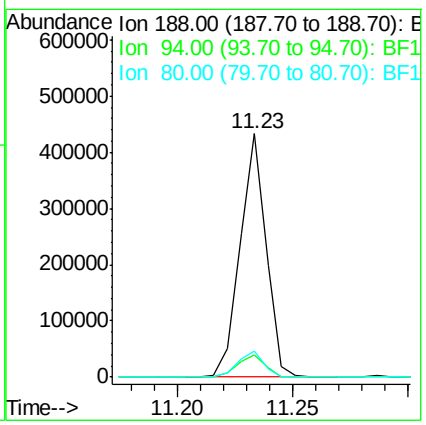


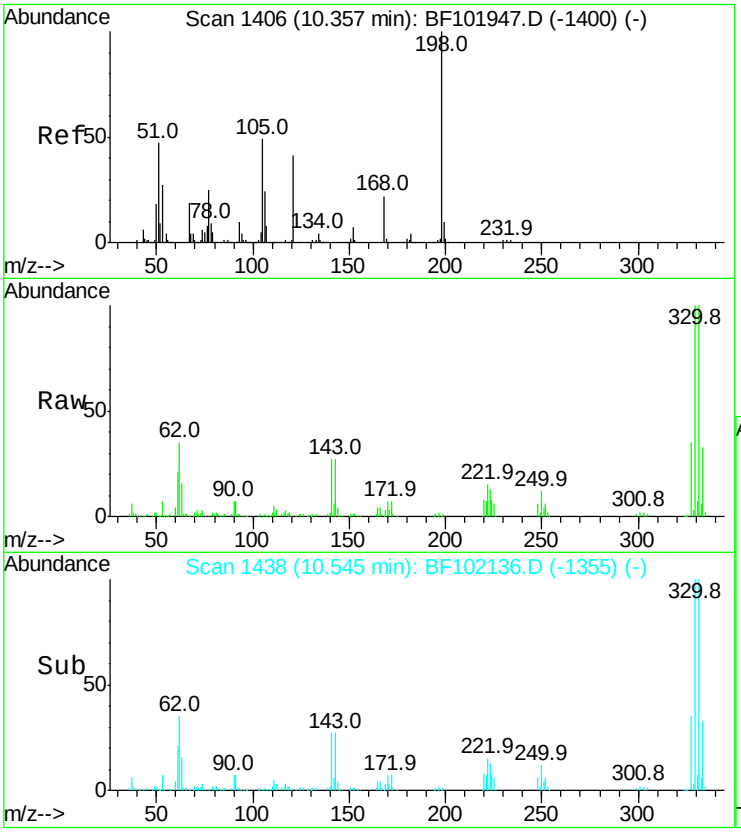


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:188 Resp: 341561

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.5	9.2	13.8



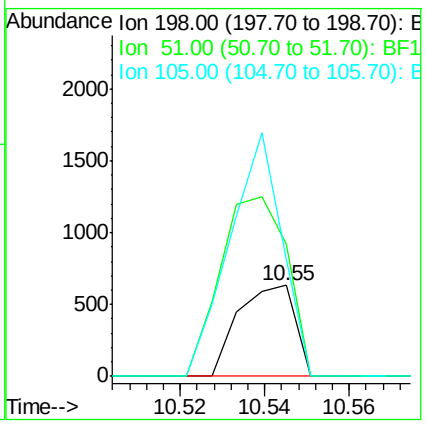


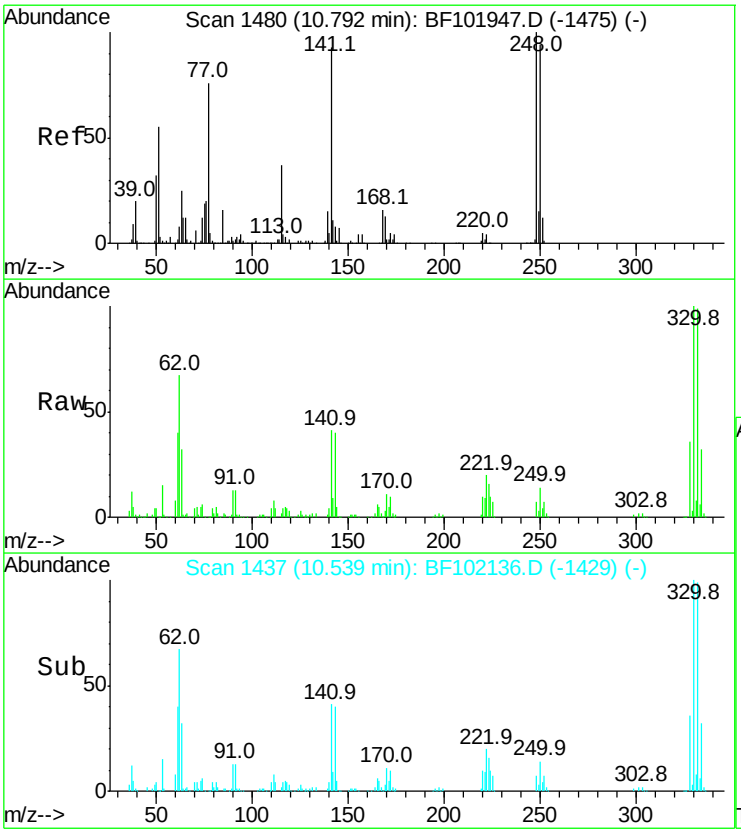
#64
4,6-Dinitro-2-methylphenol
Concen: 5.942 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 589

Ion	Ratio	Lower	Upper
198	100		
51	145.5	37.7	77.7#
105	129.5	36.3	76.3#

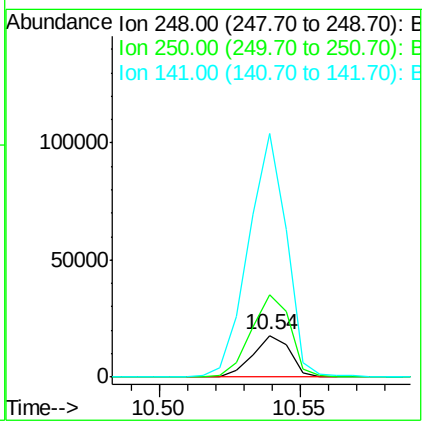


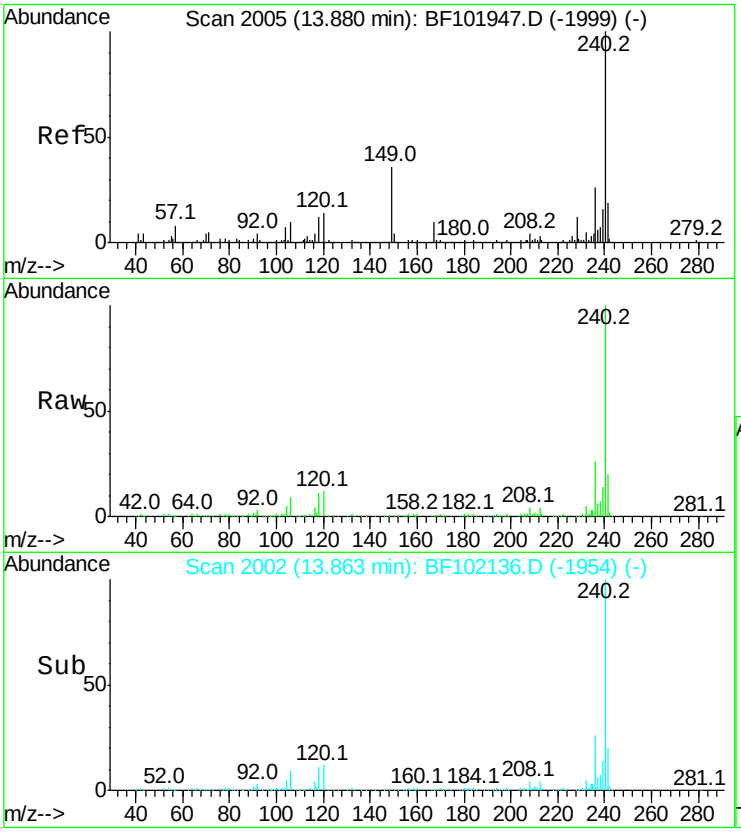


#66
4-Bromophenyl-phenylether
Concen: 4.502 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:248 Resp: 16238

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	587.9	74.4	111.6#



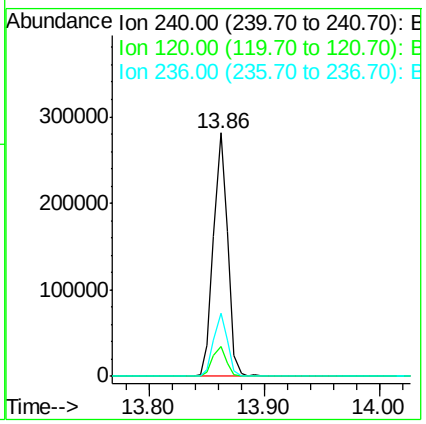


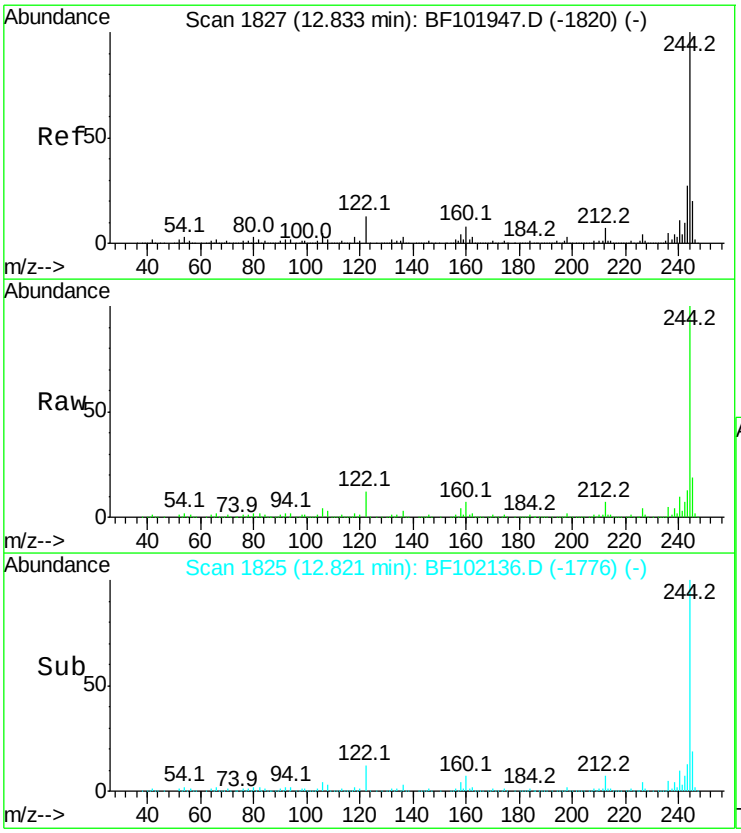
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 241254

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.9	20.7	31.1

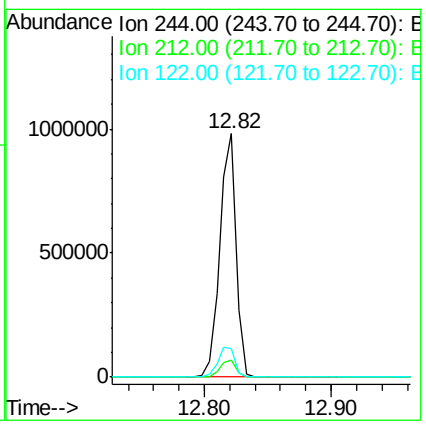


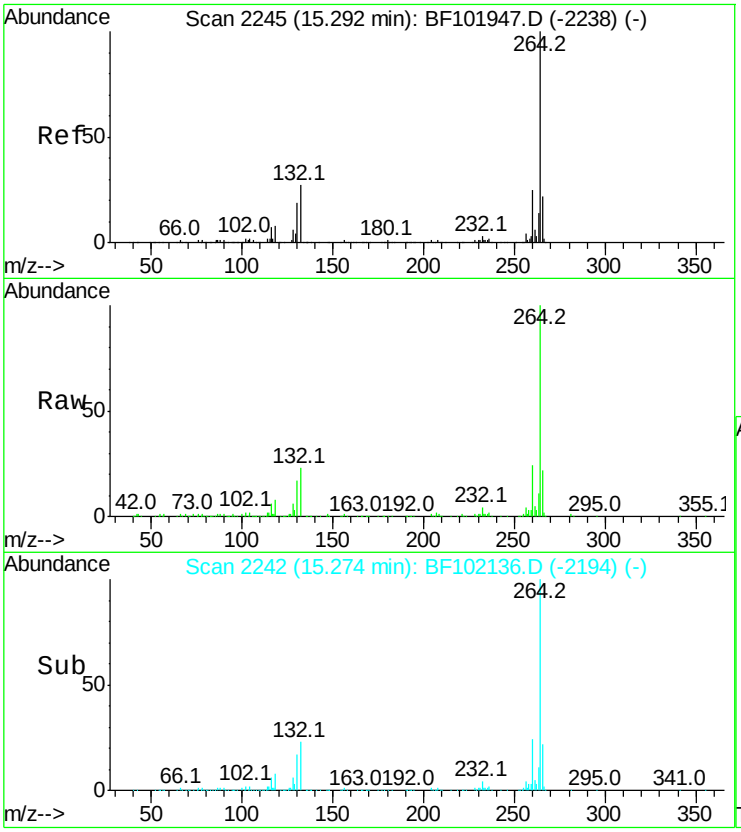


#78
Terphenyl-d14
Concen: 75.583 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Tgt Ion:244 Resp: 878242

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BF102136.D
Acq: 17 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 249807

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.5	26.3