Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108965.D
Acq On : 13 Sep 2018 15:38
Operator : JU/SJ
Sample : PB112800BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 13 16:05:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166664	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	648802	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	317209	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	644692	20.00	ng	0.00
75) Chrysene-d12	13.86	240	542191	20.00	ng	0.00
86) Perylene-d12	15.27	264	422977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1056796	105.05	ng	0.01
7) Phenol-d6	6.37	99	1362859	105.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	877979	84.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	401309	132.52	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1577901	84.86	ng	0.00
78) Terphenyl-d14	12.82	244	1734046	74.58	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	117302	13.037	ng	# 77
25) Isophorone	7.29	82	872330	42.183	ng	# 64
49) Dimethylphthalate	9.76	163	87540	3.946	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	41198	9.745	ng	# 25
56) 2,4-Dinitrotoluene	9.76	165	41198	7.620	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	819	7.145	ng	# 15
66) 4-Bromophenyl-phenylether	10.54	248	24526	3.368	ng	# 1

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

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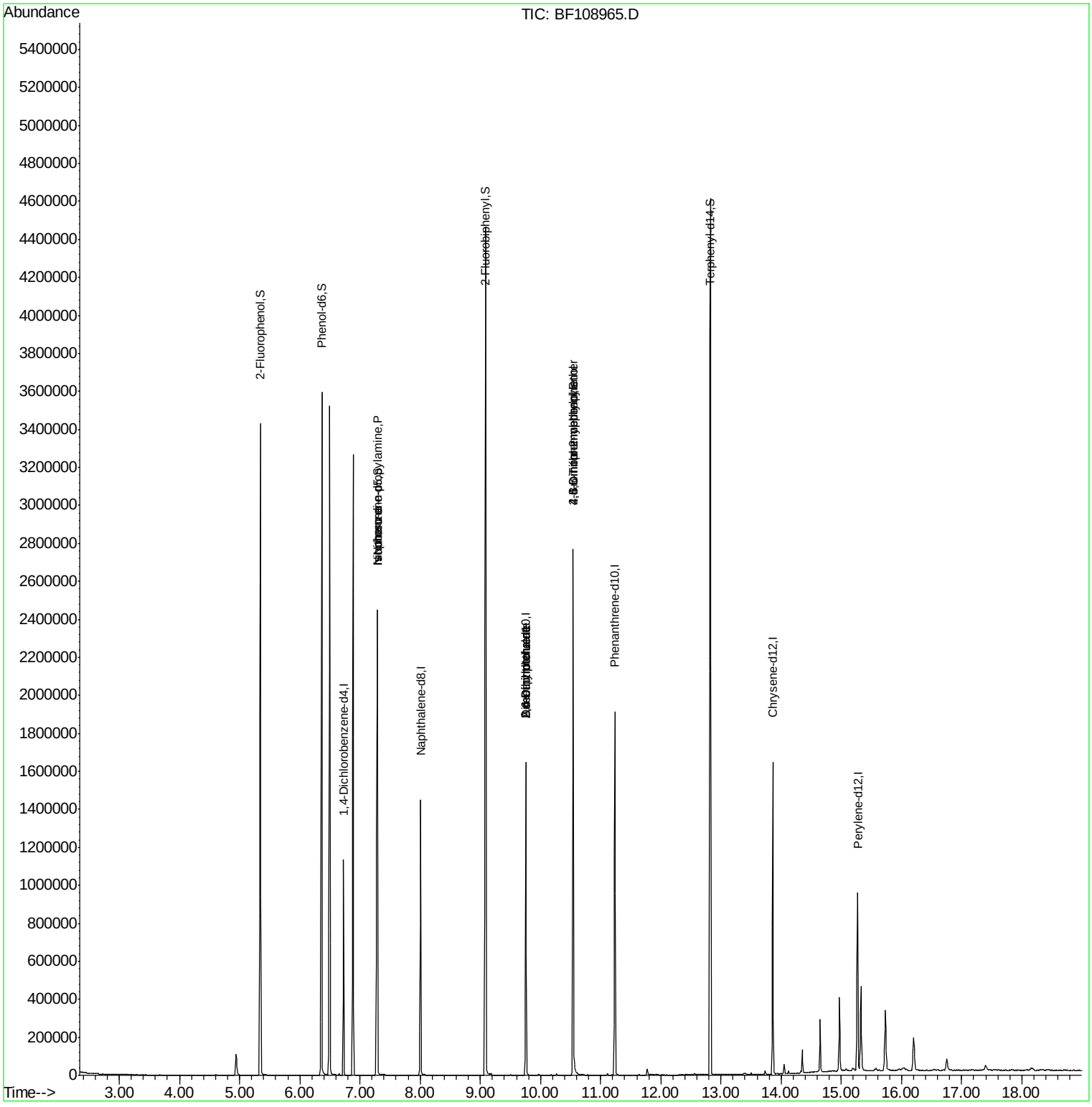
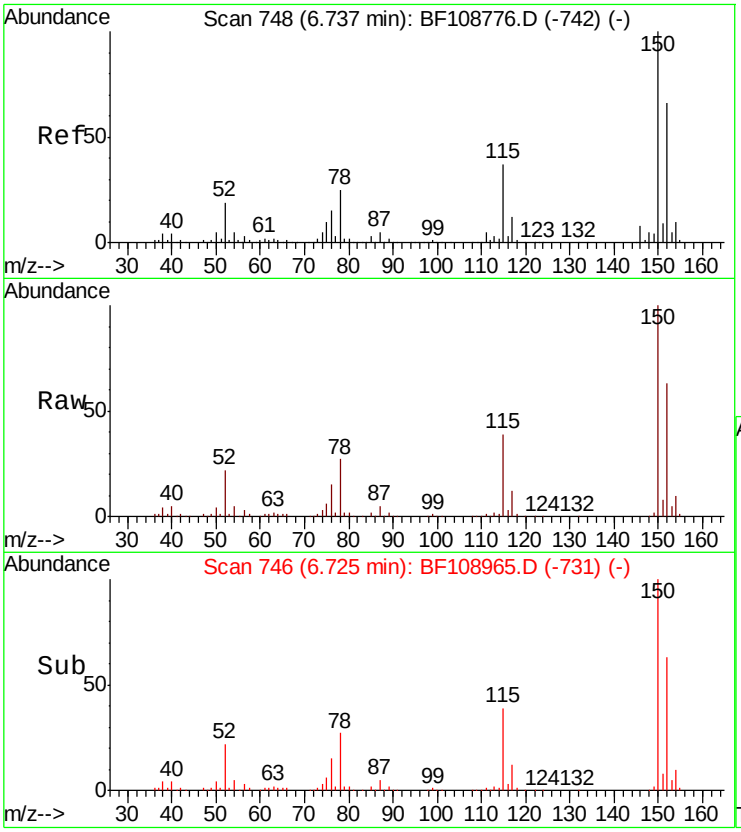


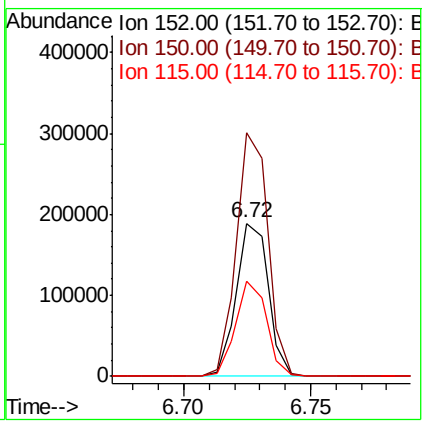


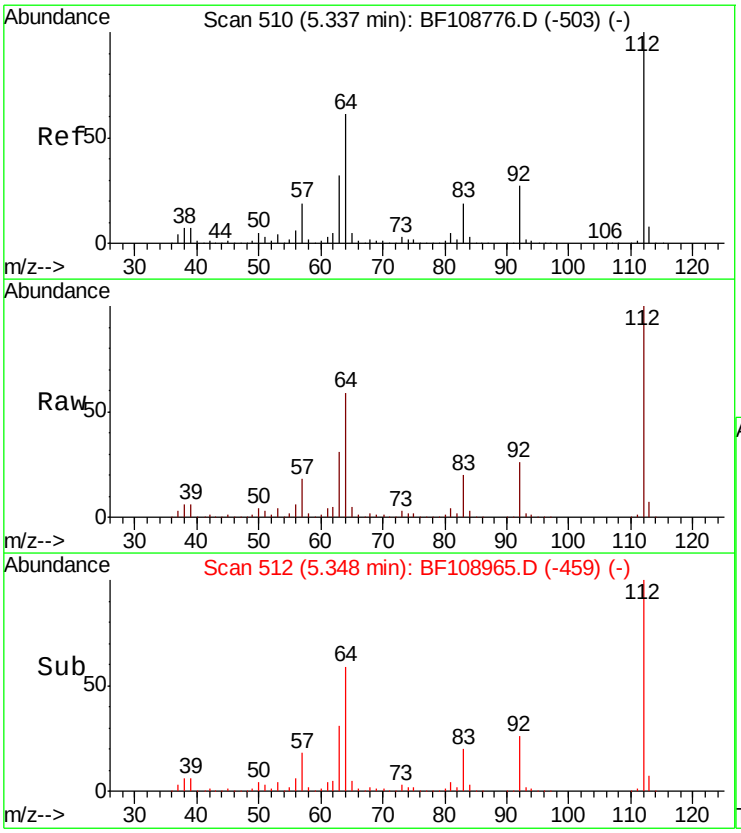
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 166664

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	62.5	50.1	75.1

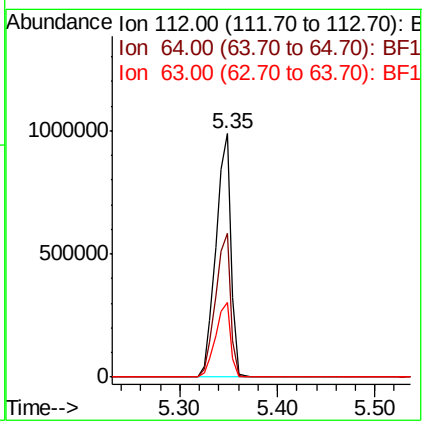


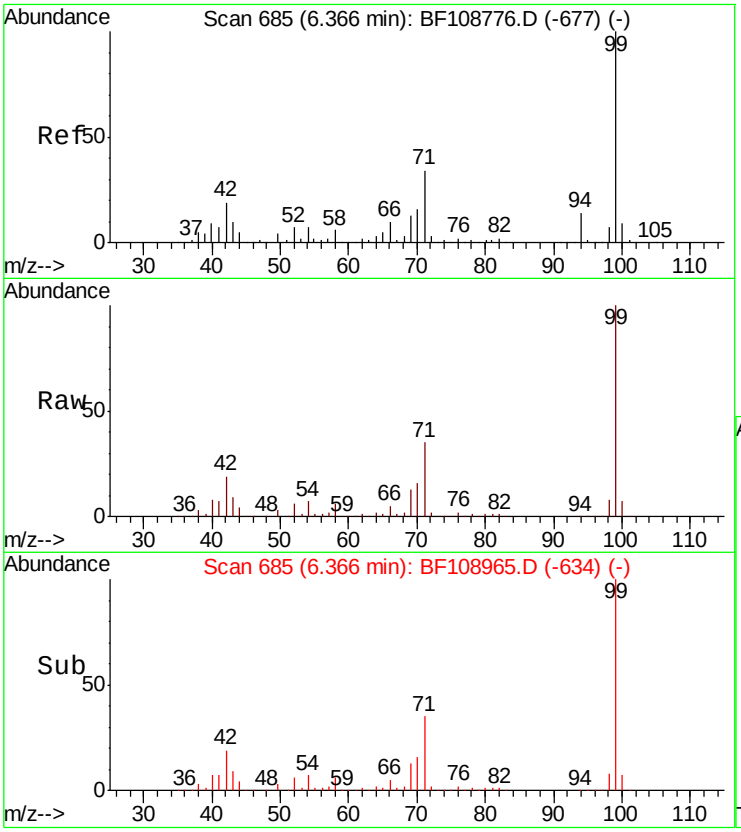


#5
2-Fluorophenol
Concen: 105.047 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:112 Resp: 1056796

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.6	23.7	35.5



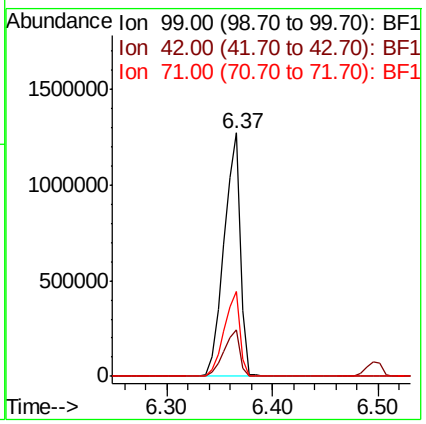


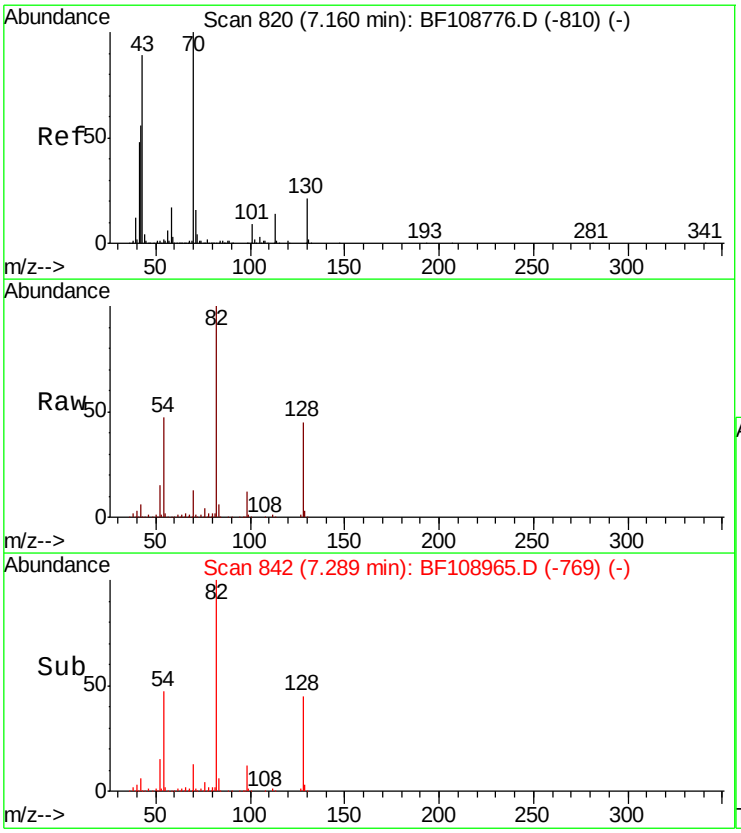
#7
Phenol-d6
Concen: 105.289 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1362859

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.8	25.4	38.0

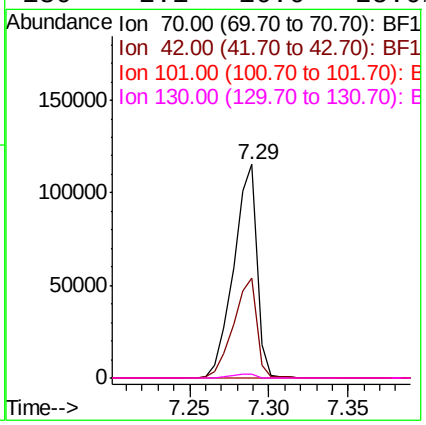


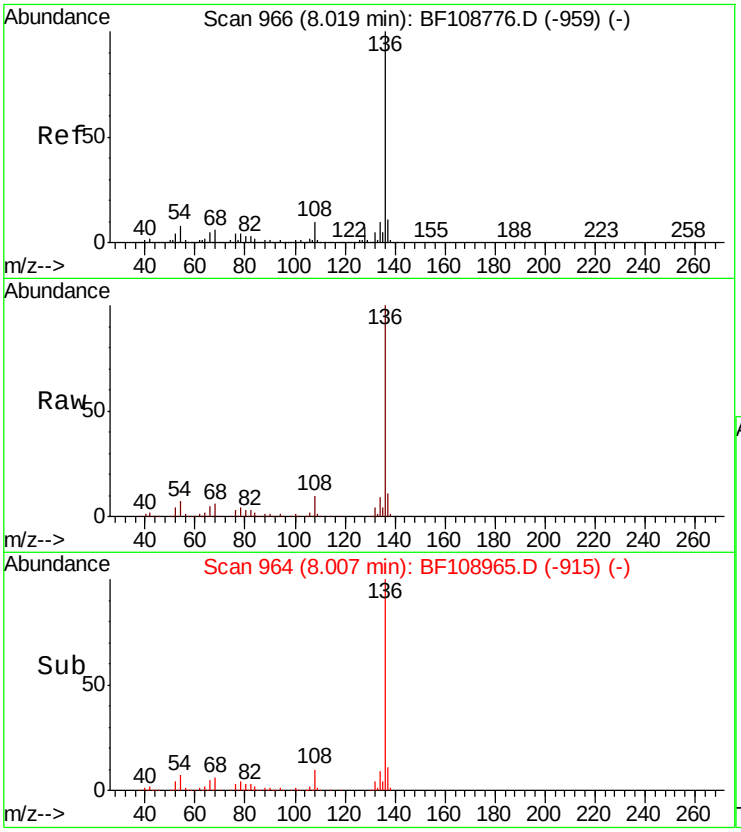


#19
n-Nitroso-di-n-propylamine
Concen: 13.037 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion: 70 Resp: 117302

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



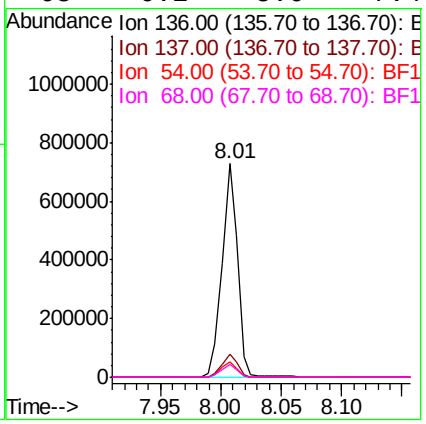


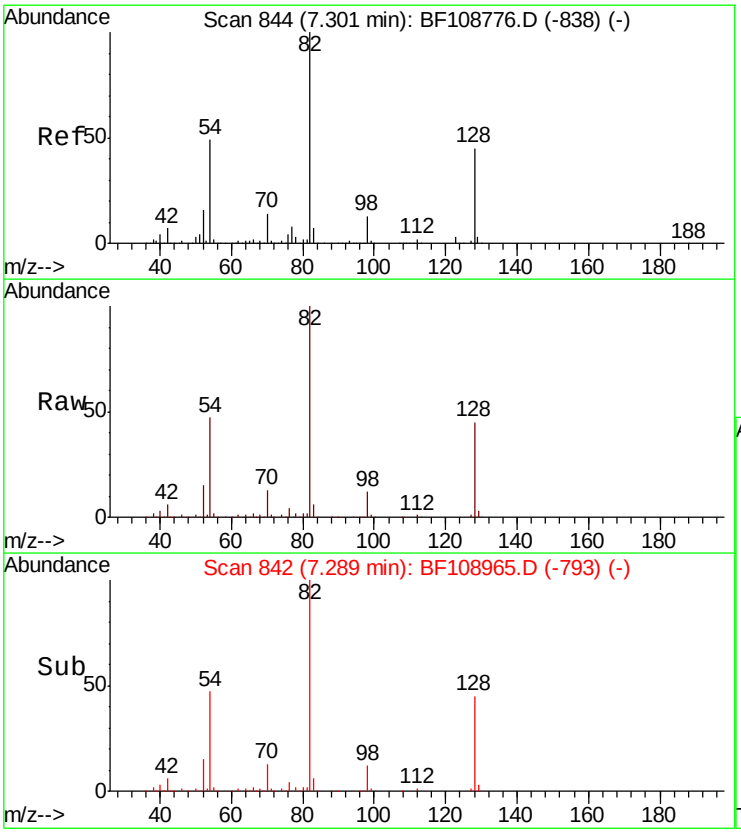
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 648802

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

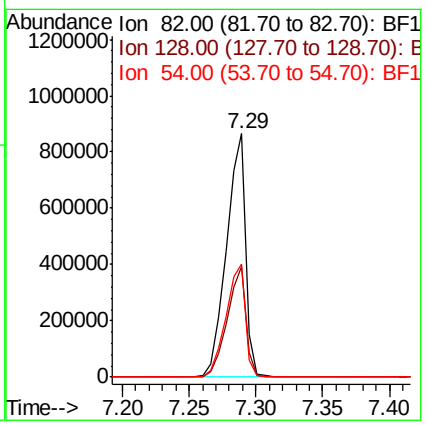


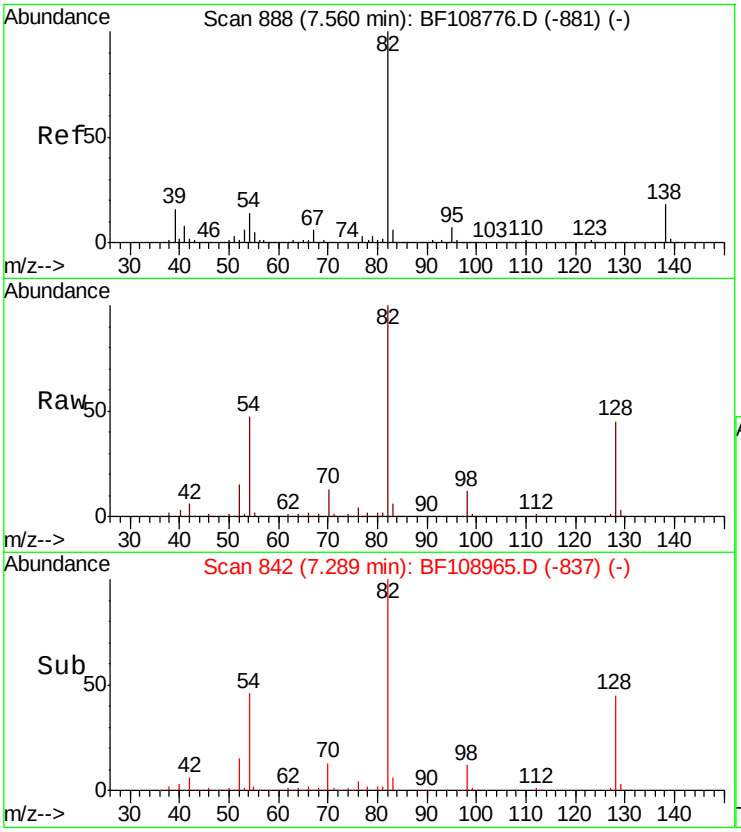


#23
Nitrobenzene-d5
Concen: 84.686 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion: 82 Resp: 877979

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.5	41.4	62.2



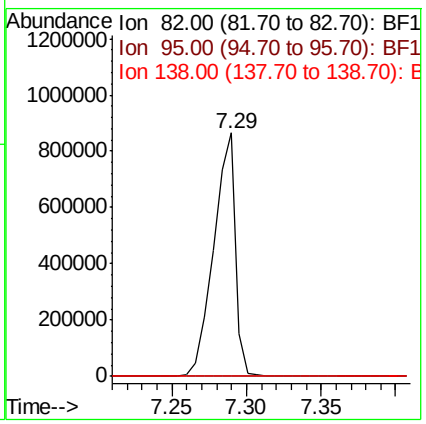


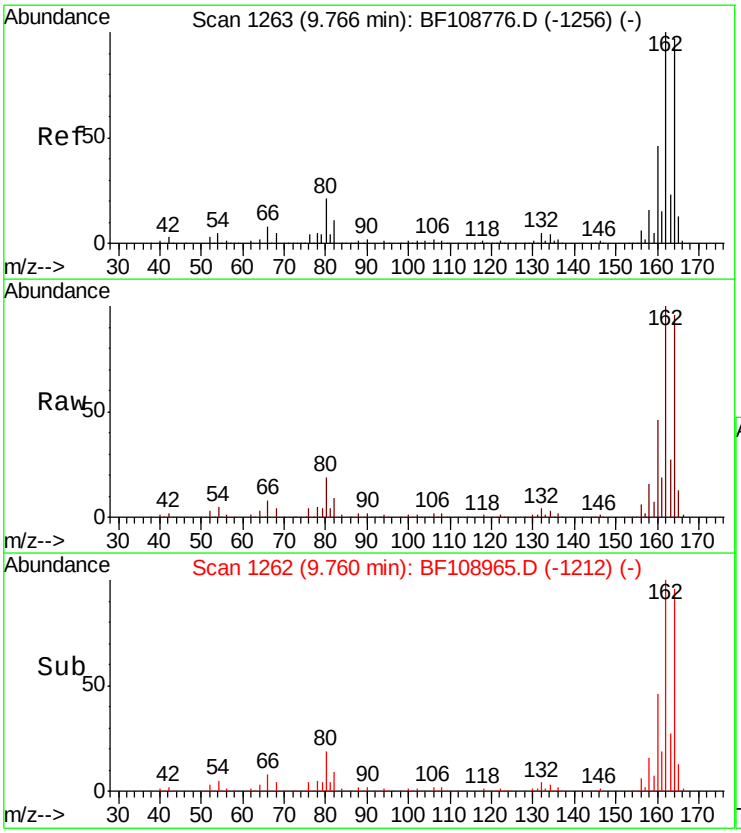
#25
Isophorone
Concen: 42.183 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 872330

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

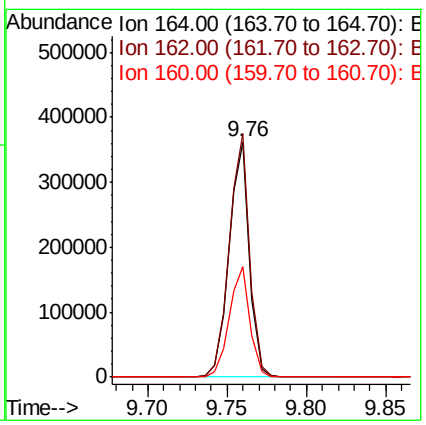


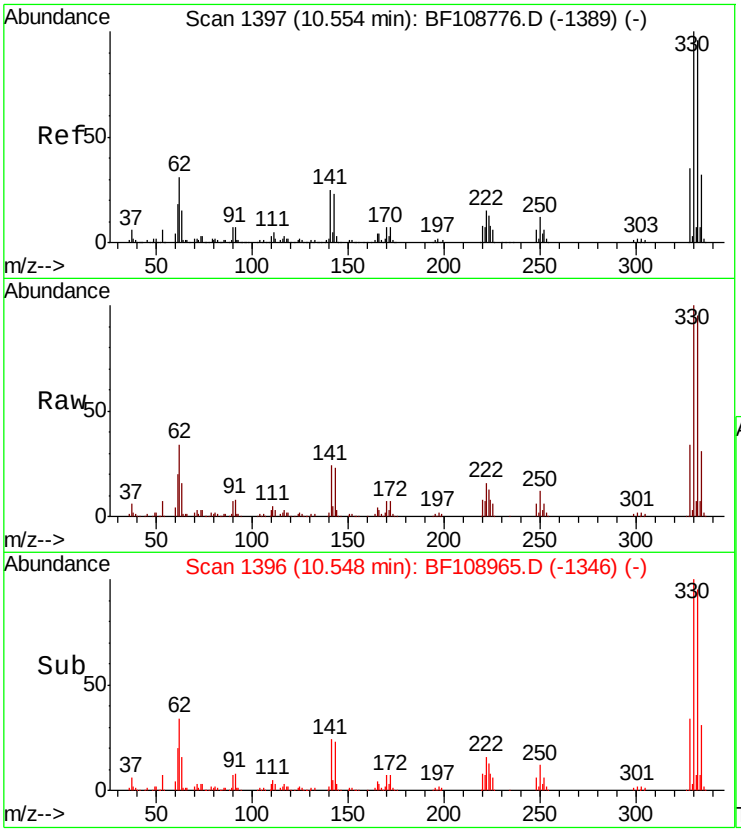


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:164 Resp: 317209

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.3	38.3	57.5



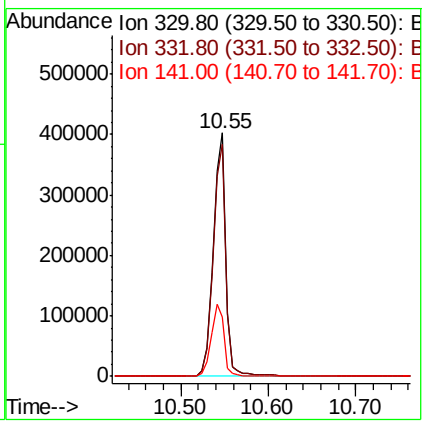


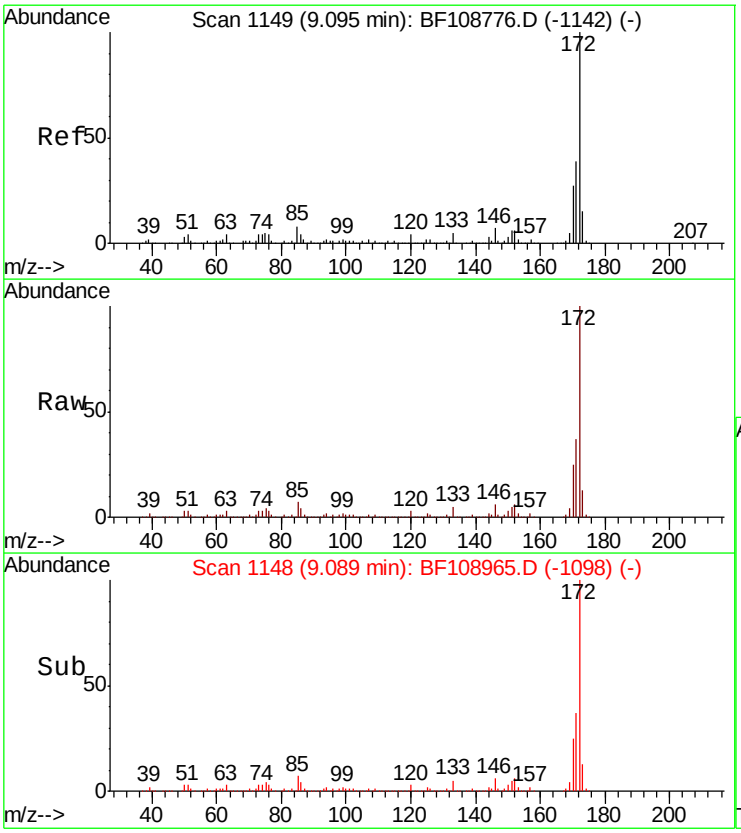
#41
2,4,6-Tribromophenol
Concen: 132.523 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 401309

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.7	29.9	44.9

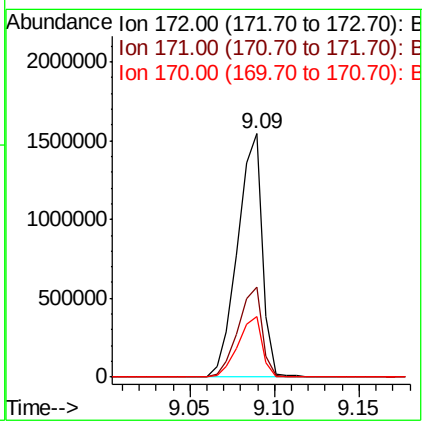


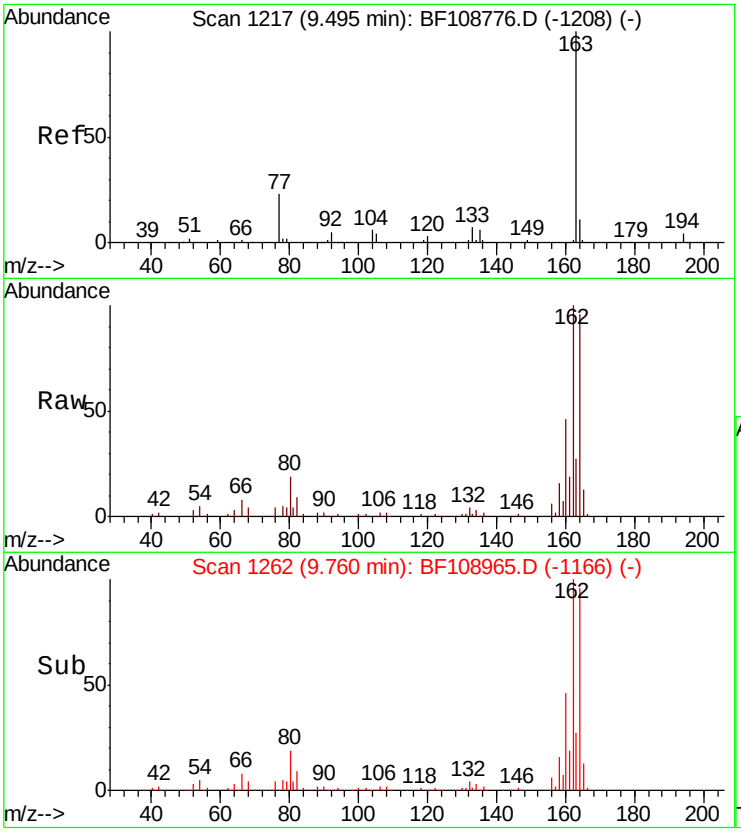


#44
2-Fluorobiphenyl
Concen: 84.861 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:172 Resp: 1577901

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4



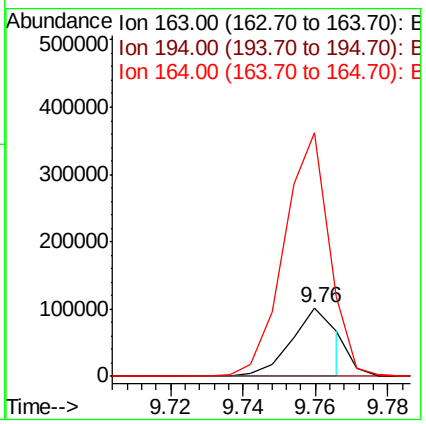


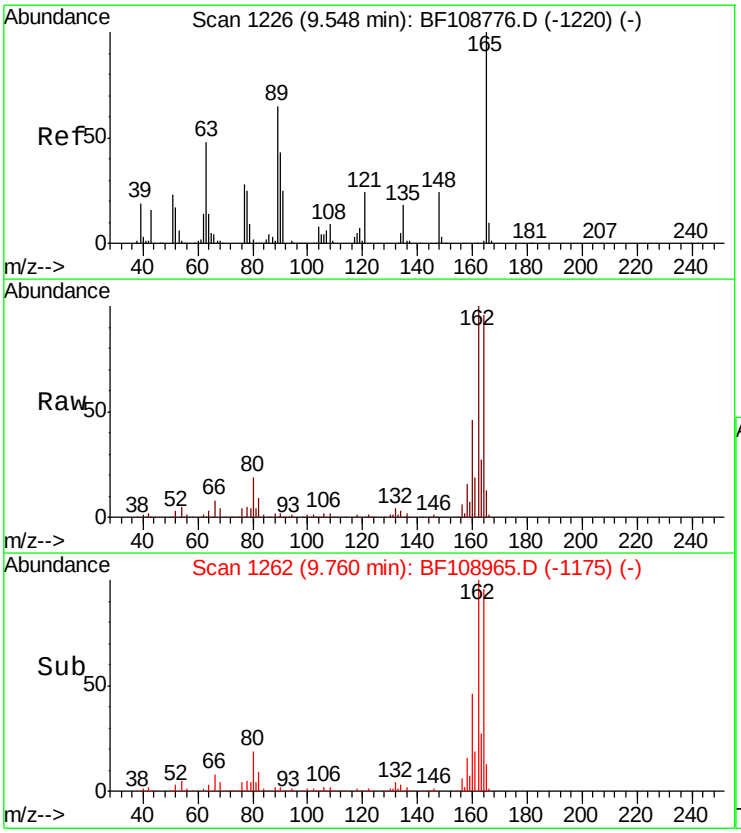
#49
Dimethylphthalate
Concen: 3.946 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.26 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 87540

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	354.6	8.2	12.2#

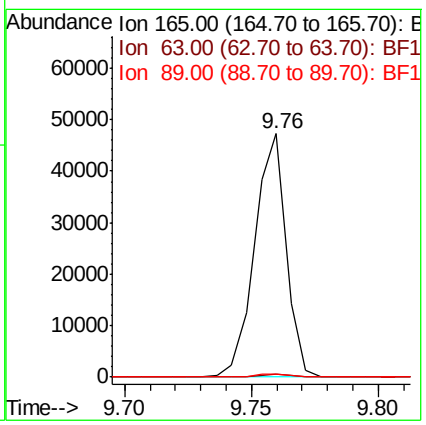


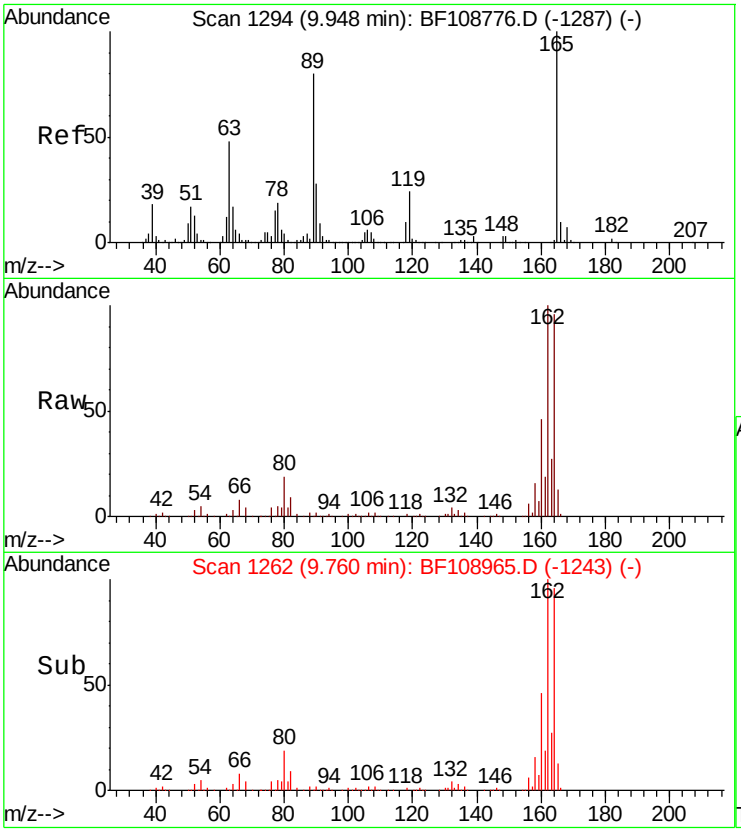


#50
2,6-Dinitrotoluene
Concen: 9.745 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.21 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:165 Resp: 41198

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#



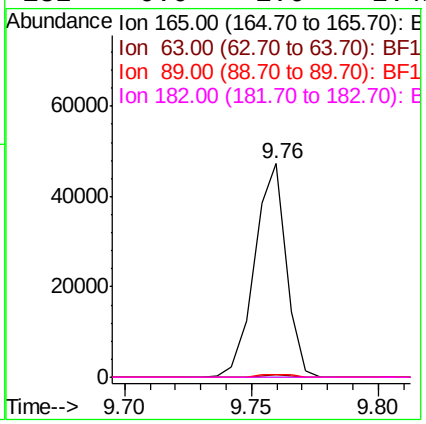


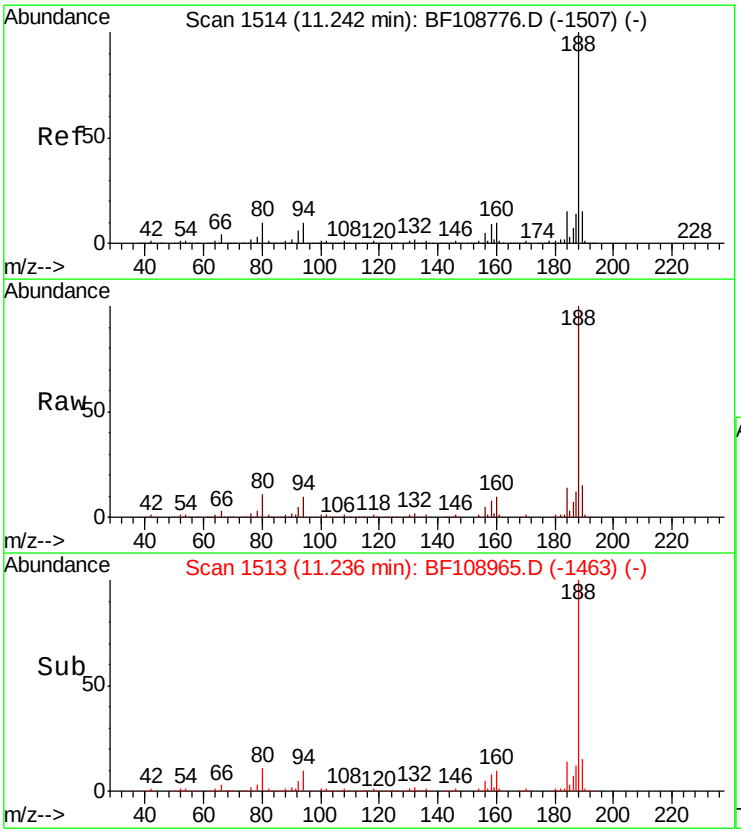
#56
2,4-Dinitrotoluene
Concen: 7.620 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.19 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41198

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

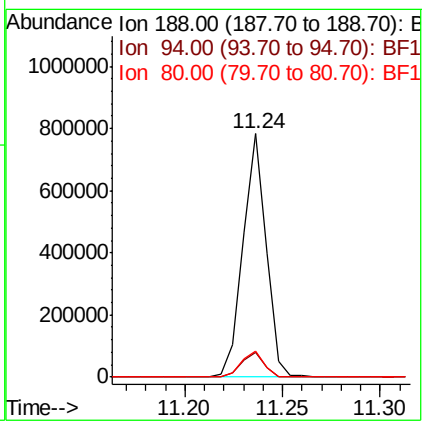


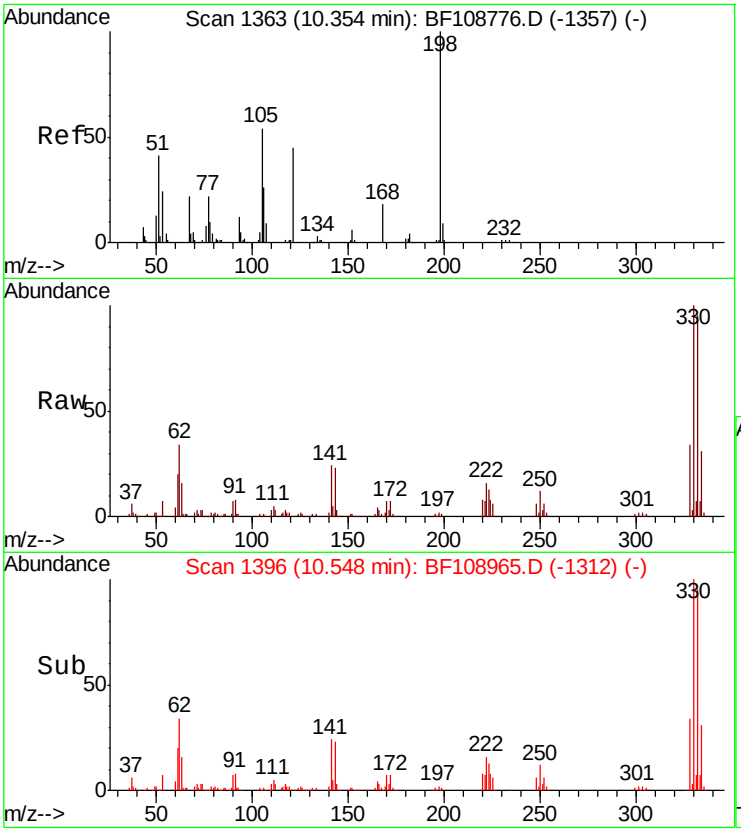


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:188 Resp: 644692

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8



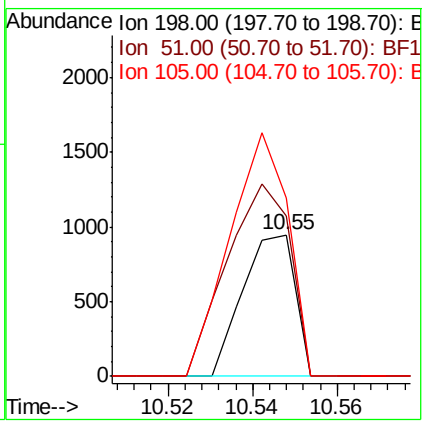


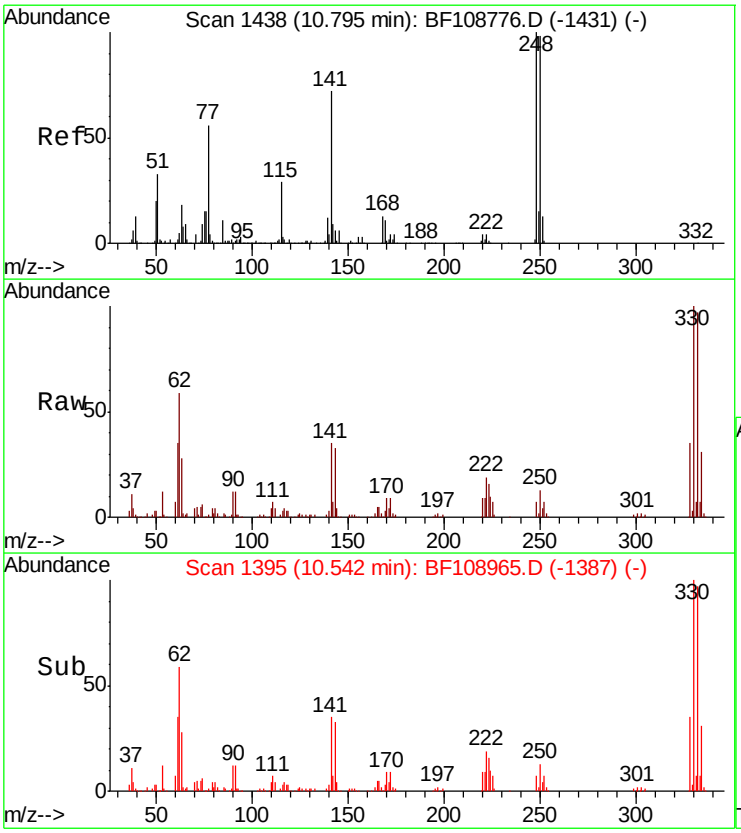
#64
4,6-Dinitro-2-methylphenol
Concen: 7.145 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 819

Ion	Ratio	Lower	Upper
198	100		
51	113.1	37.7	77.7#
105	126.1	36.3	76.3#

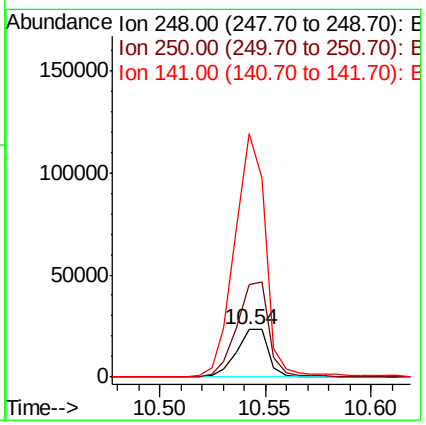


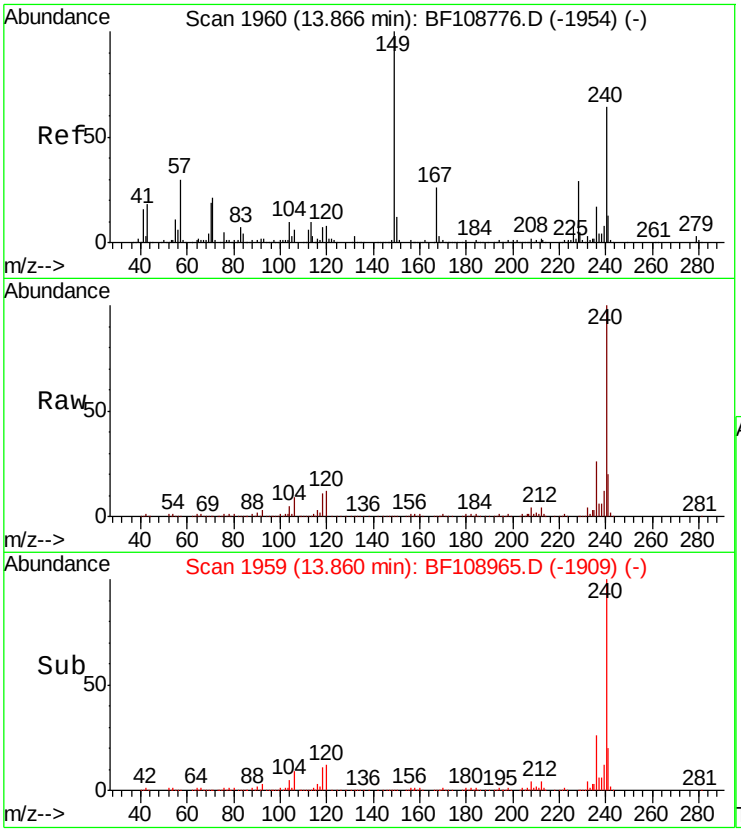


#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:248 Resp: 24526

Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	511.2	74.4	111.6#



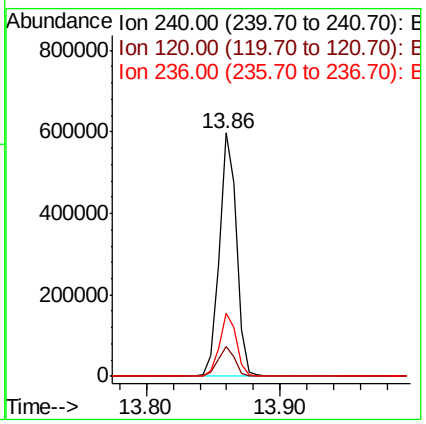


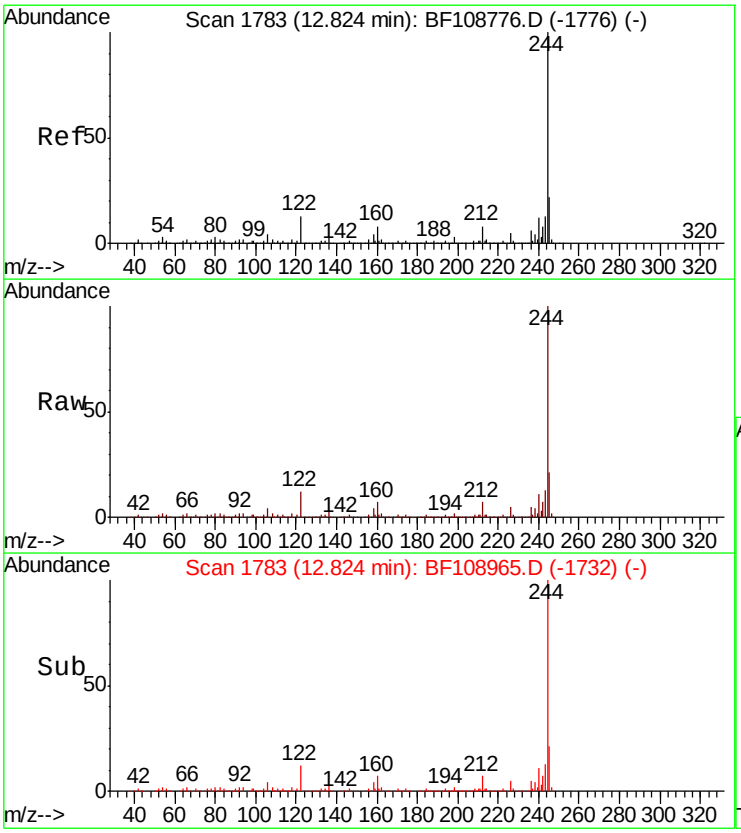
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 542191

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.1	20.7	31.1

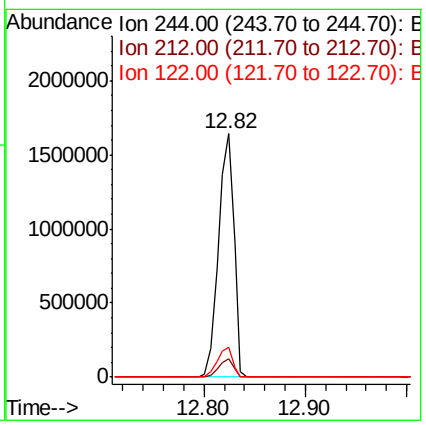


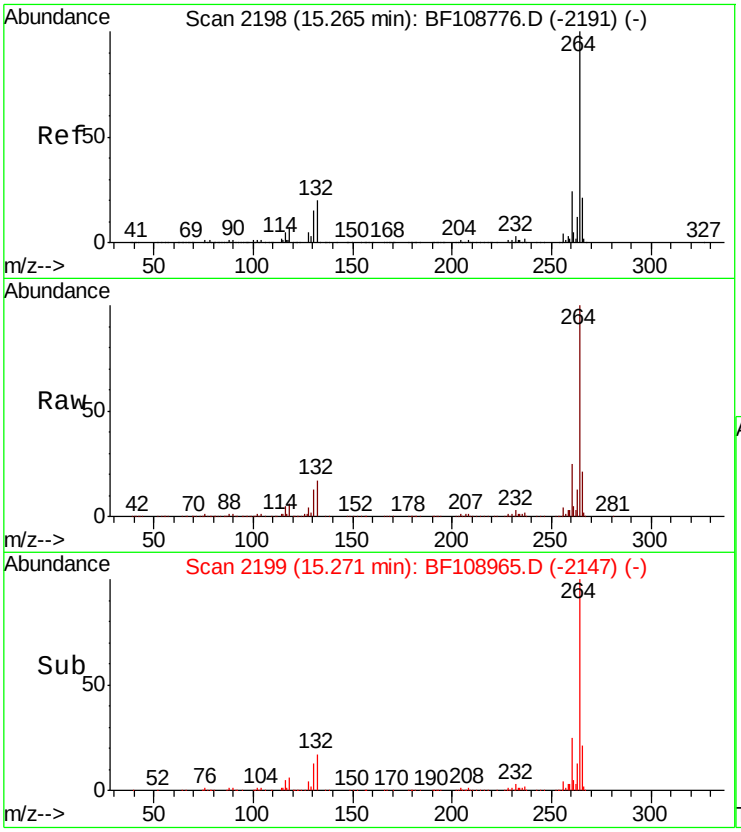


#78
Terphenyl-d14
Concen: 74.579 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:244 Resp: 1734046

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 422977

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3