Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109298.D
Acq On : 25 Sep 2018 20:49
Operator : JU/SJ
Sample : J5070-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 02:27:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	117419	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	431240	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	183021	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	308586	20.00	ng	0.00
75) Chrysene-d12	13.84	240	272000	20.00	ng	0.00
86) Perylene-d12	15.24	264	200886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	719627	100.94	ng	0.02
7) Phenol-d6	6.35	99	829190	91.15	ng	0.00
23) Nitrobenzene-d5	7.27	82	628383	86.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	203010	112.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1091781	89.97	ng	0.00
78) Terphenyl-d14	12.80	244	972860	87.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	85521	14.347	ng	# 80
25) Isophorone	7.27	82	577240	43.880	ng	# 64
31) Naphthalene	8.01	128	41213	2.045	ng	100
49) Dimethylphthalate	9.74	163	54991	4.131	ng	# 1
50) 2,6-Dinitrotoluene	9.74	165	24132	9.153	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	24132	7.234	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.53	198	337	6.755	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	12320	3.595	ng	# 1

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

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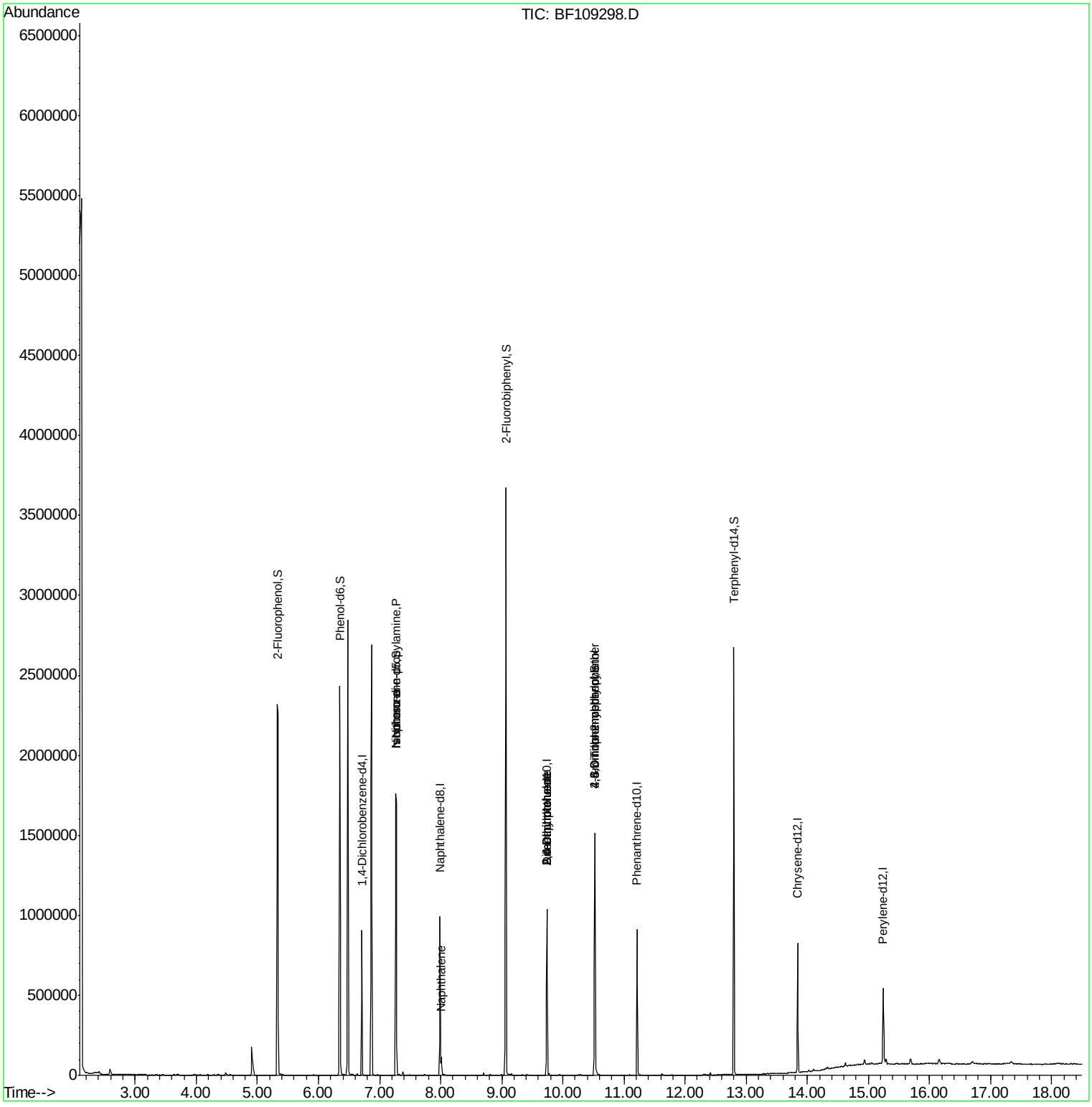
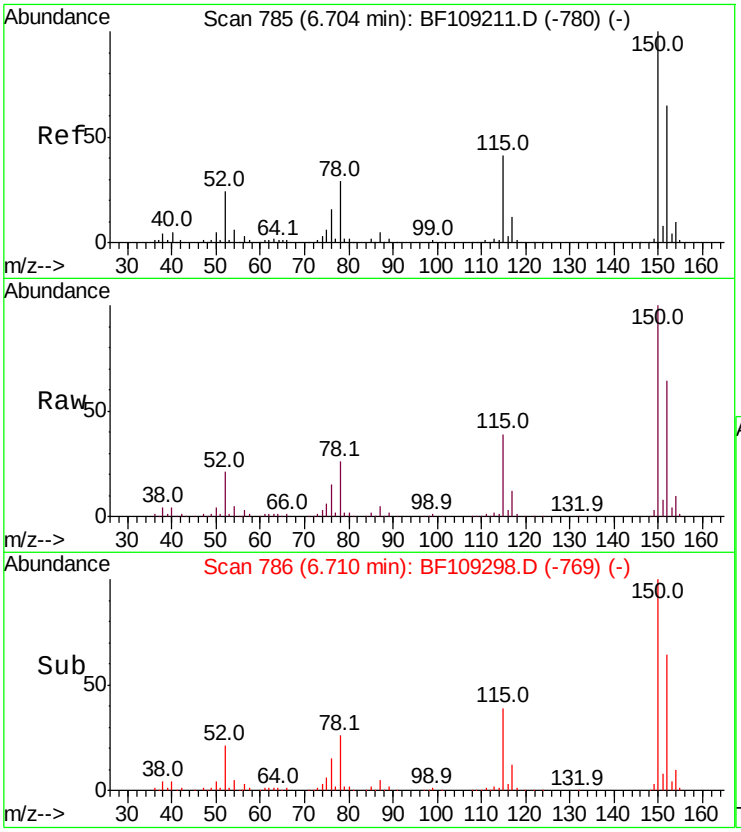


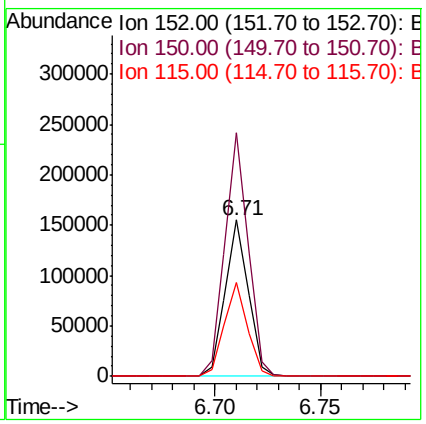


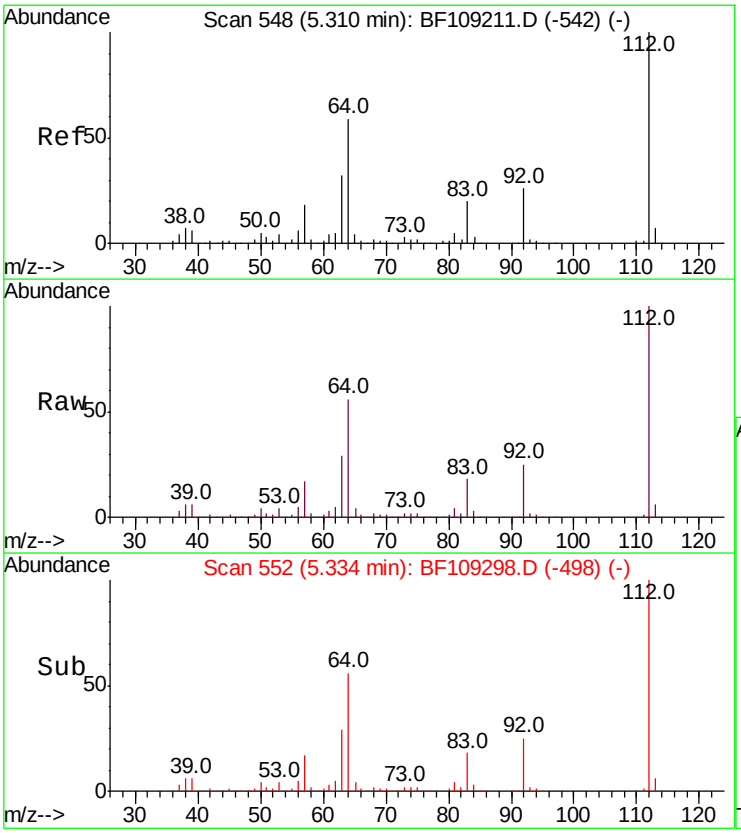
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117419

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	60.0	50.1	75.1

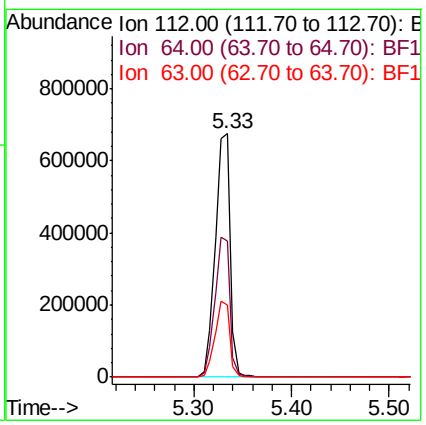


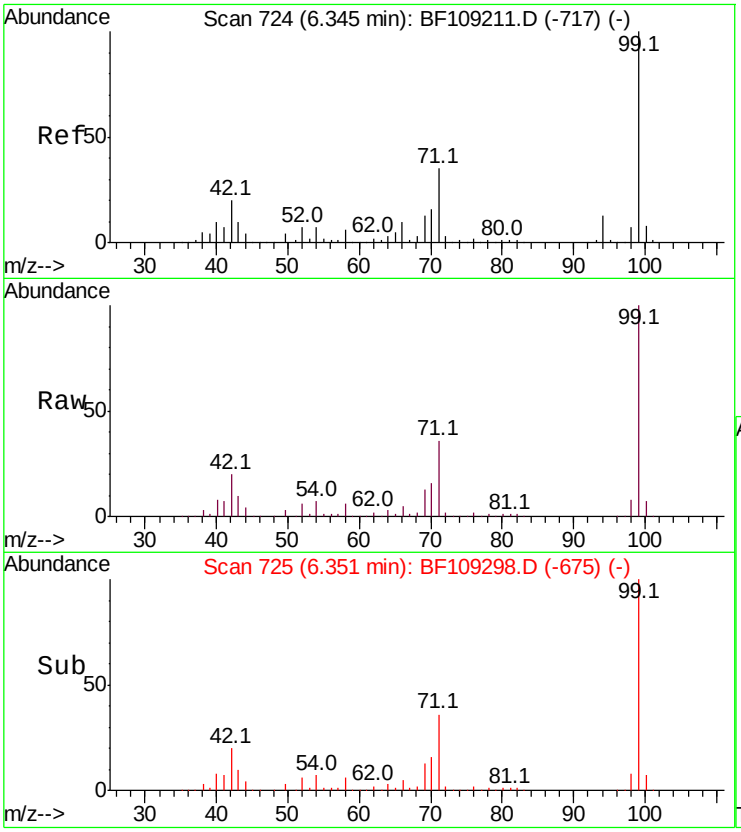


#5
2-Fluorophenol
Concen: 100.945 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:112 Resp: 719627

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.4	23.7	35.5



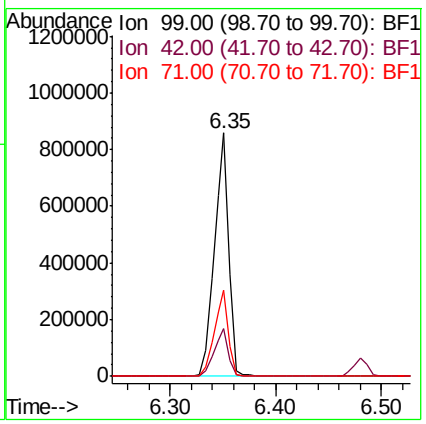


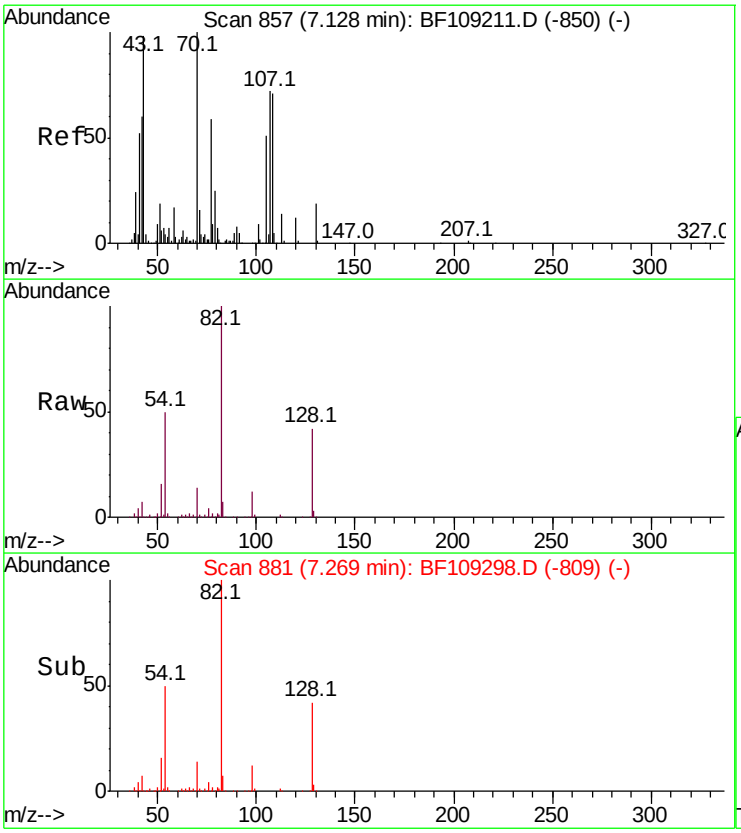
#7
Phenol-d6
Concen: 91.152 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 829190

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	35.5	25.4	38.0

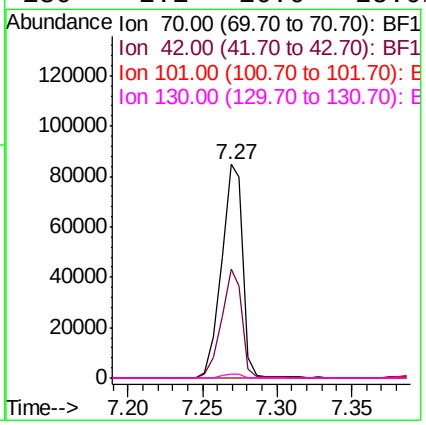


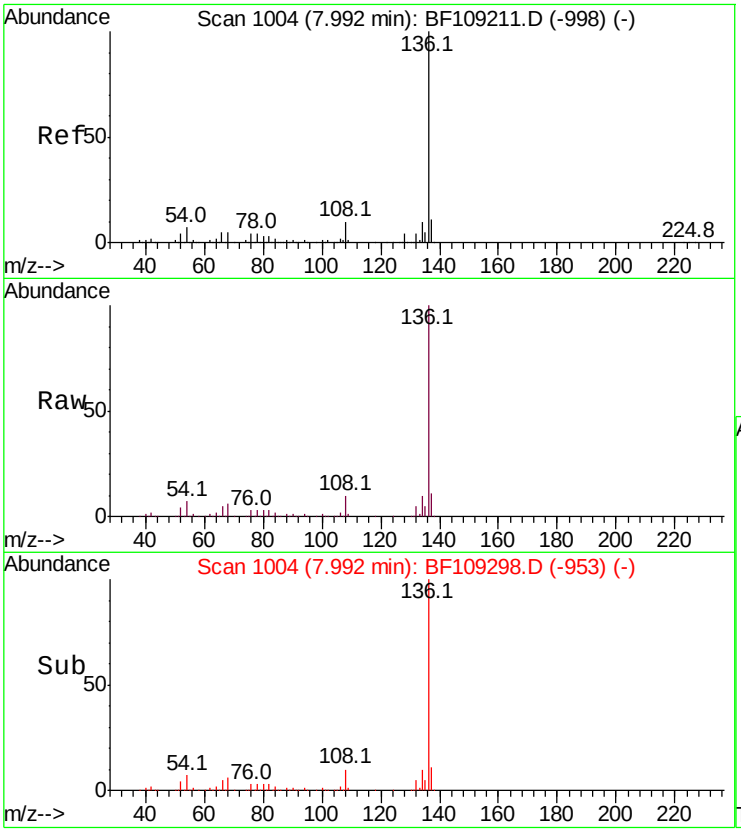


#19
n-Nitroso-di-n-propylamine
Concen: 14.347 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion: 70 Resp: 85521

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



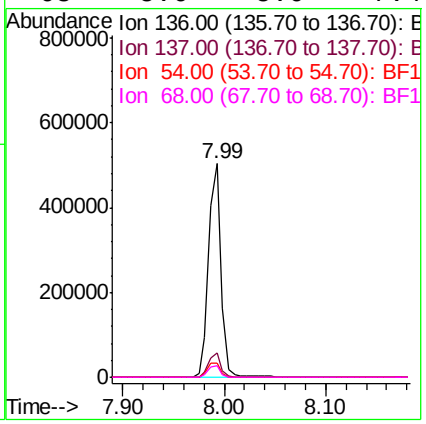


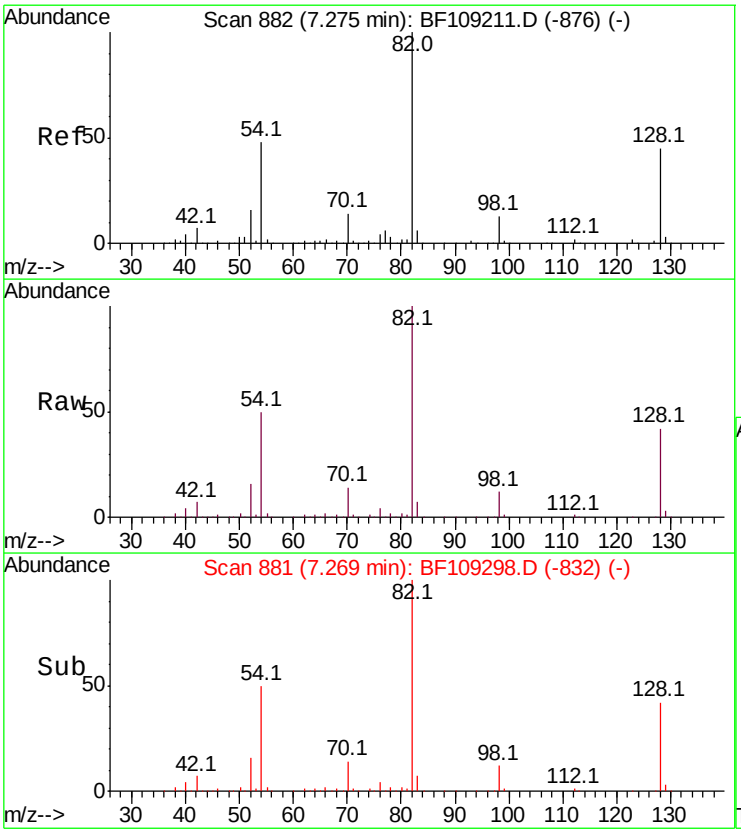
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 431240

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4

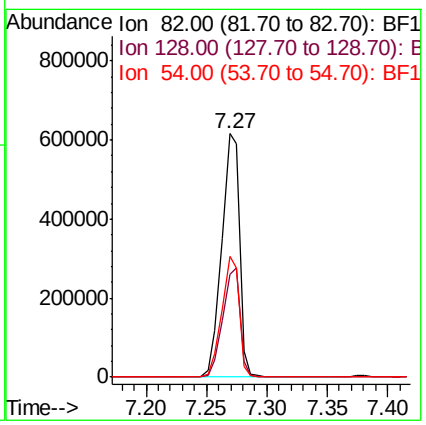


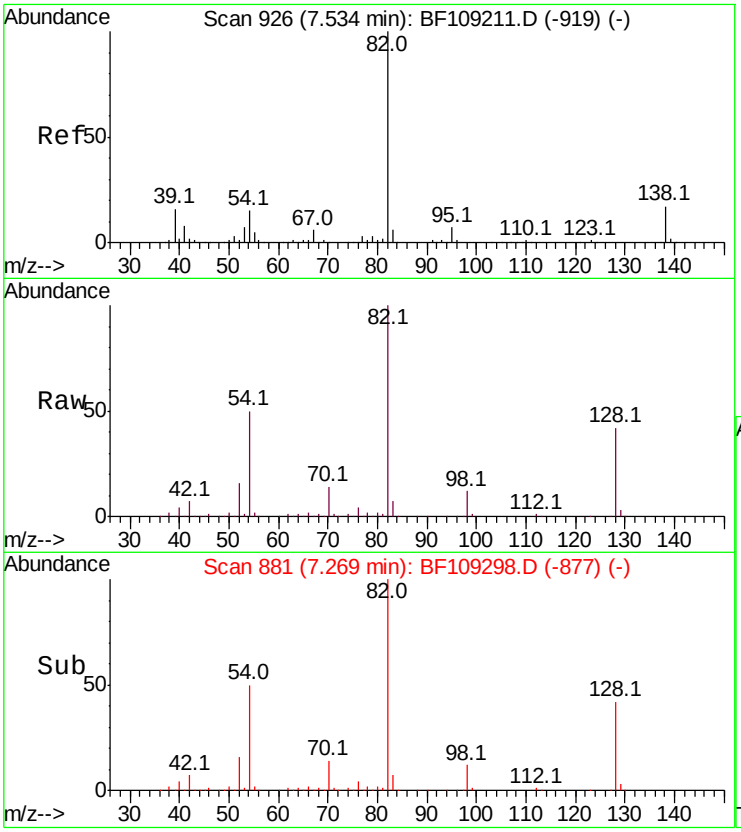


#23
Nitrobenzene-d5
Concen: 86.018 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion: 82 Resp: 628383

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	49.8	41.4	62.2



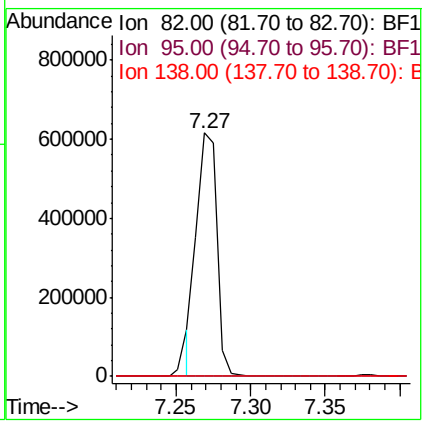


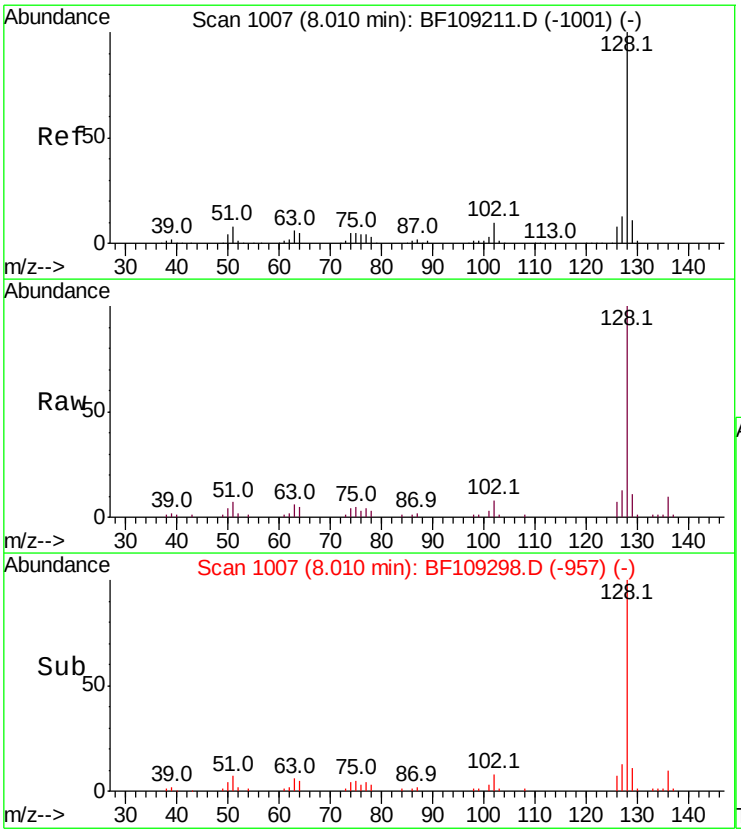
#25
Isophorone
Concen: 43.880 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 577240

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

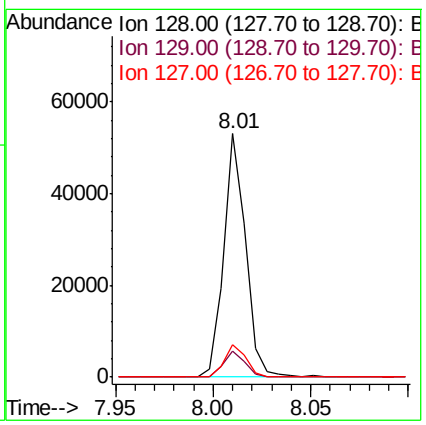


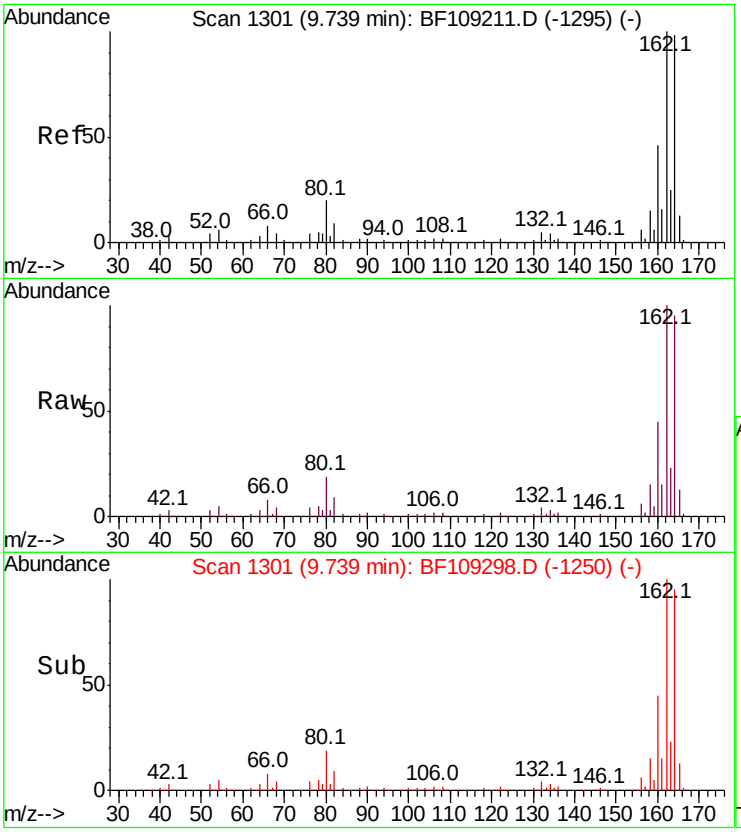


#31
Naphthalene
Concen: 2.045 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:128 Resp: 41213

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.9	16.3



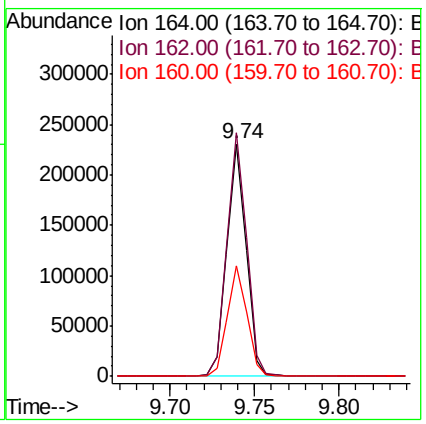


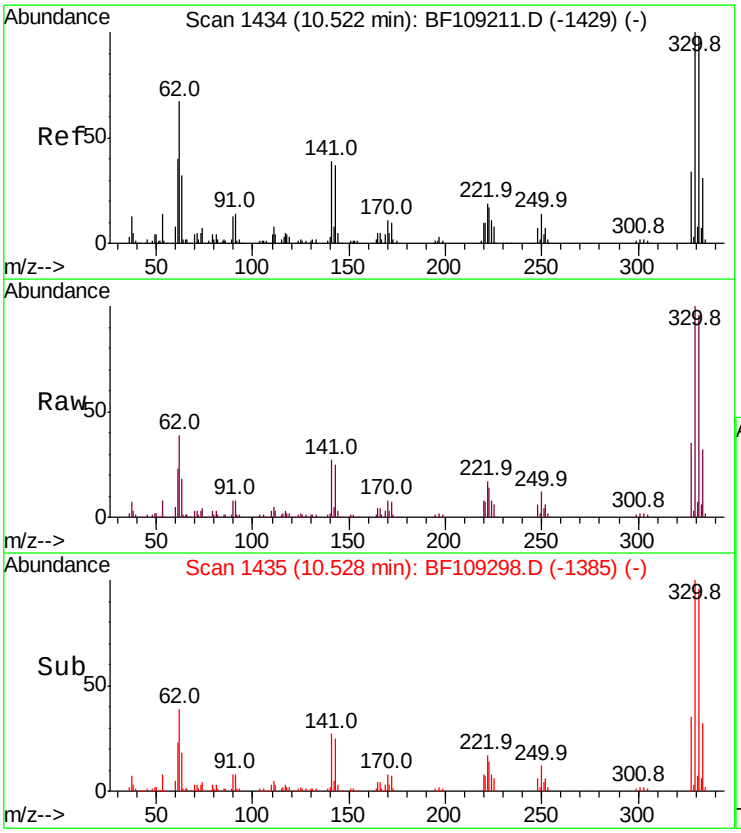
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 183021

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.3	38.3	57.5

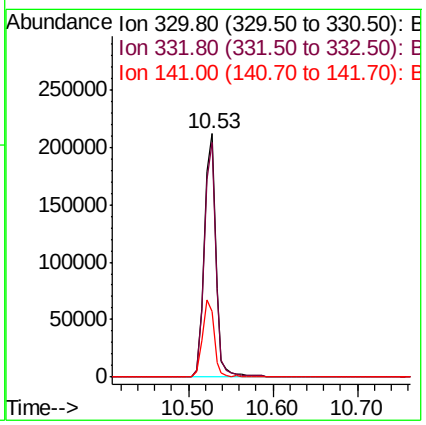


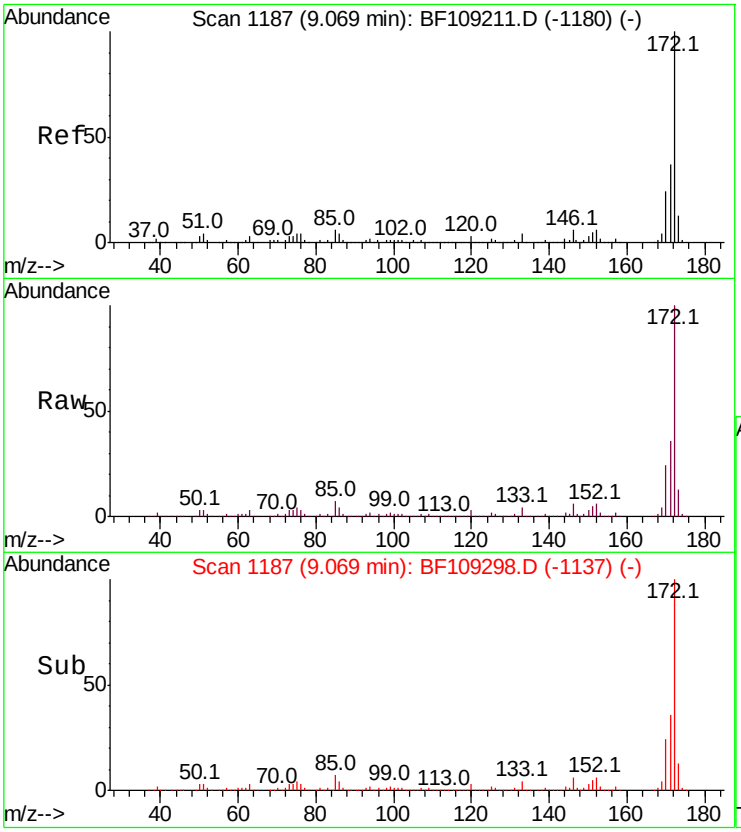


#41
2,4,6-Tribromophenol
Concen: 112.520 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:330 Resp: 203010

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.0	29.9	44.9



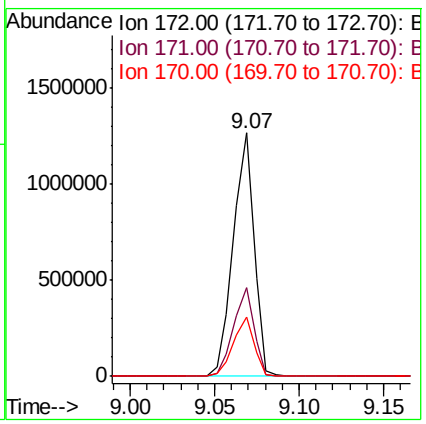


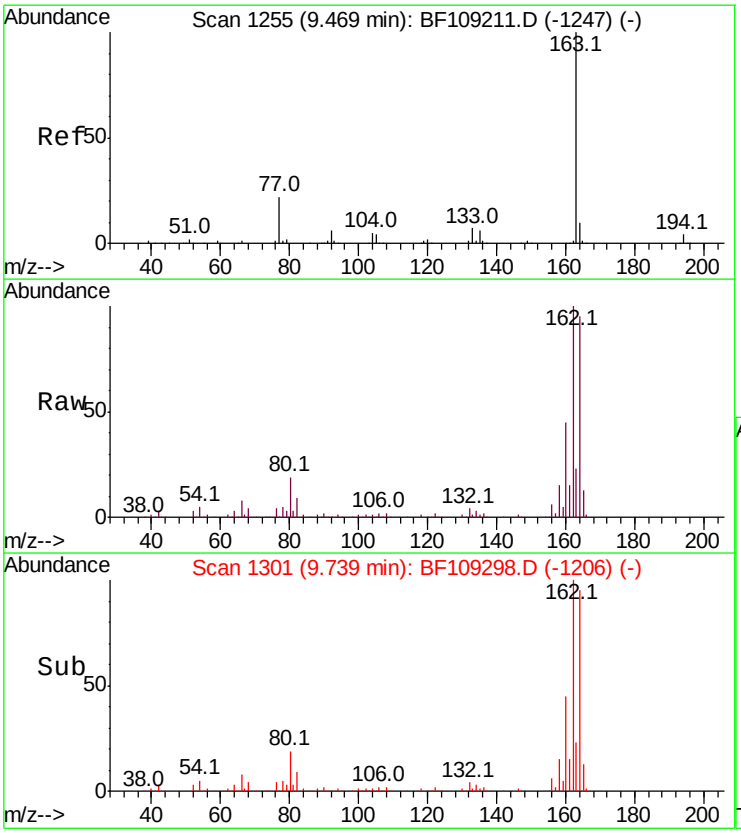
#44
2-Fluorobiphenyl
Concen: 89.969 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1091781

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

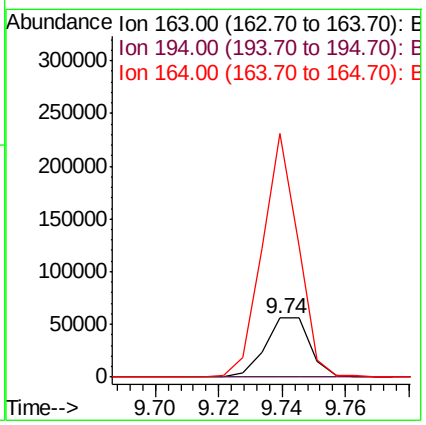


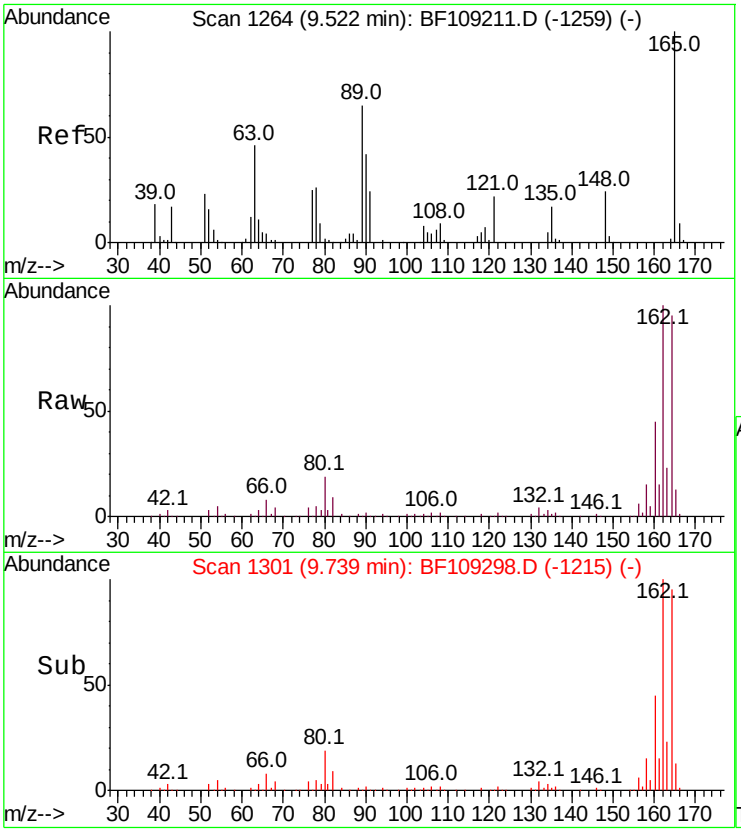


#49
Dimethylphthalate
Concen: 4.131 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.26 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:163 Resp: 54991

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	411.8	8.2	12.2#



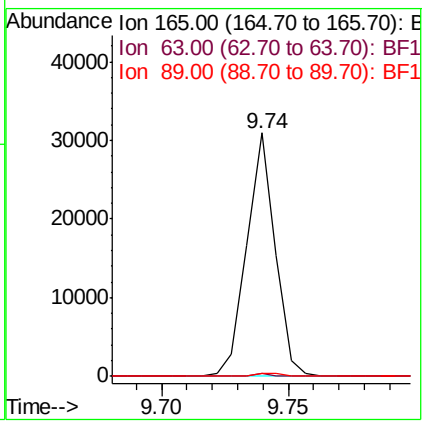


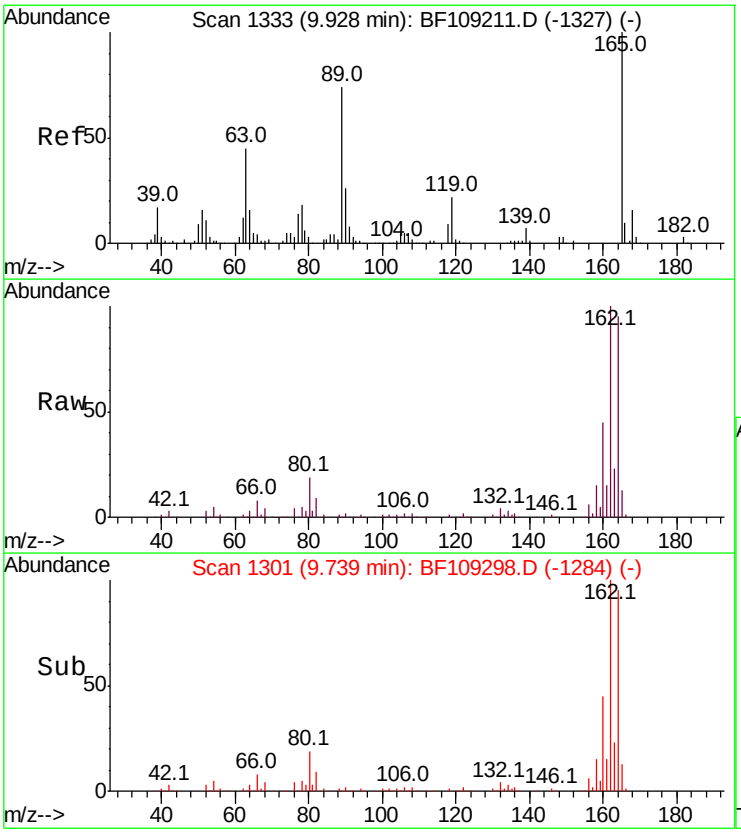
#50
2,6-Dinitrotoluene
Concen: 9.153 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24132

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#

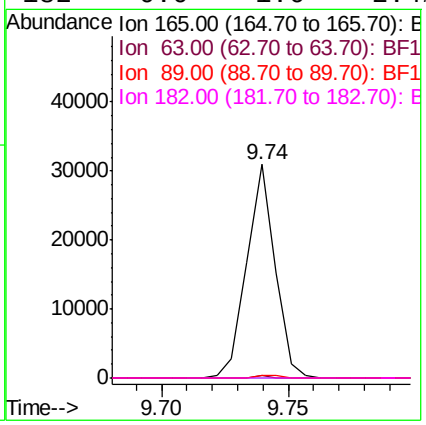


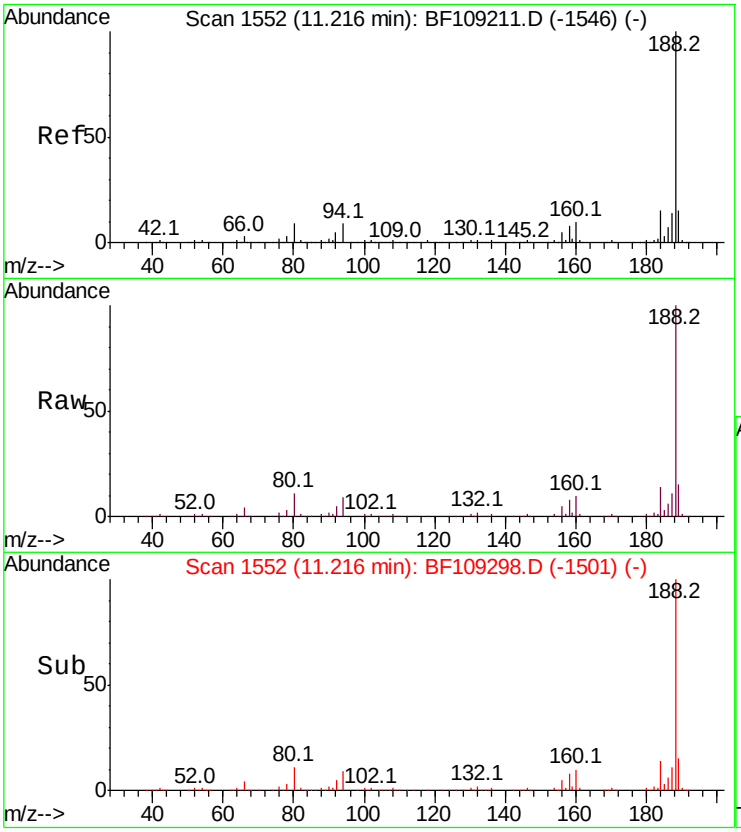


#56
2,4-Dinitrotoluene
Concen: 7.234 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:165 Resp: 24132

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



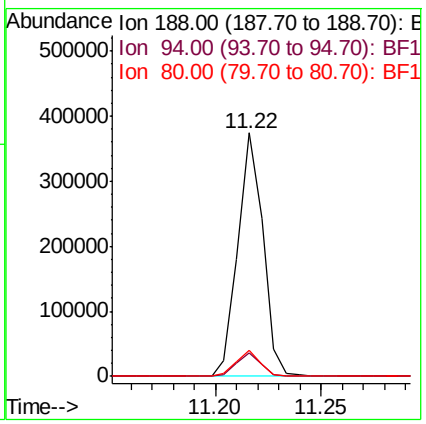


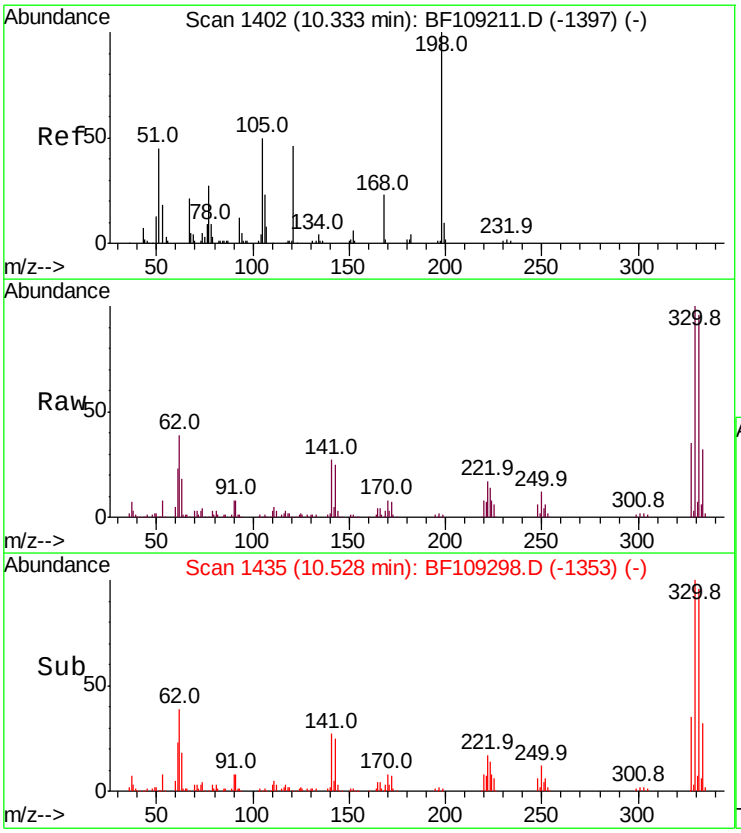
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 308586

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.6	9.2	13.8

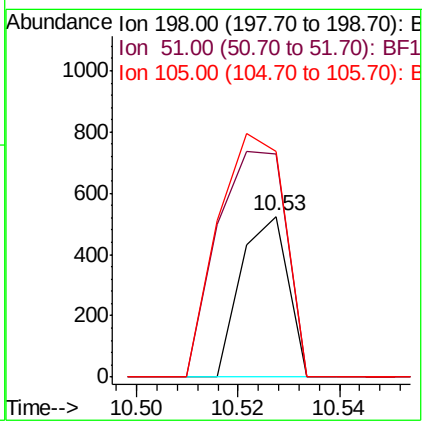


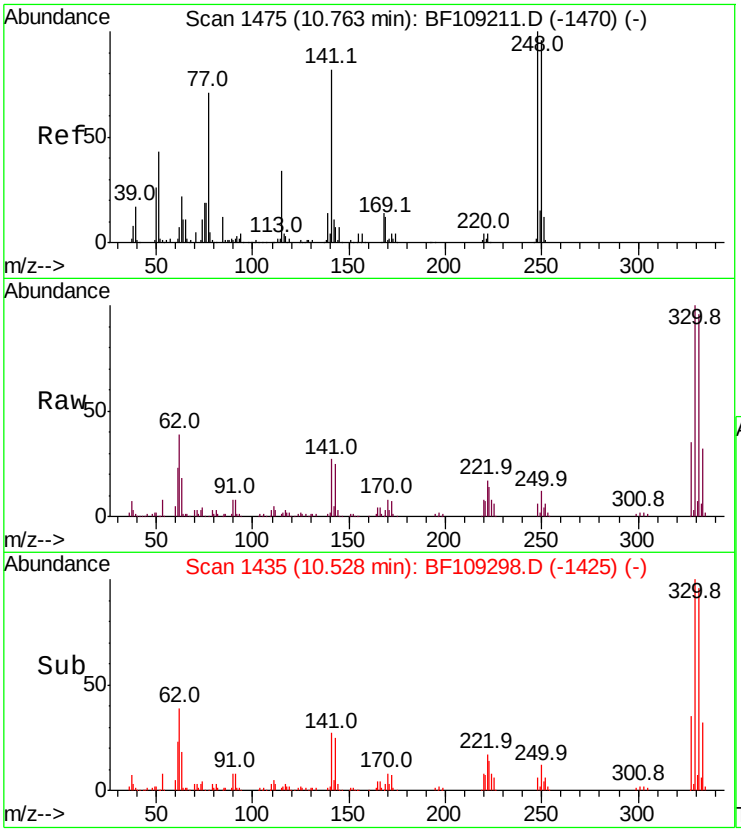


#64
4,6-Dinitro-2-methylphenol
Concen: 6.755 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.18 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:198 Resp: 337

Ion	Ratio	Lower	Upper
198	100		
51	138.5	37.7	77.7#
105	140.6	36.3	76.3#



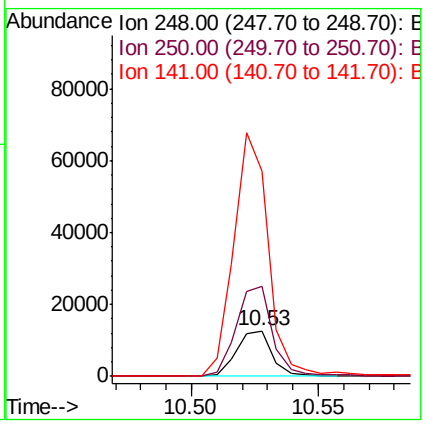


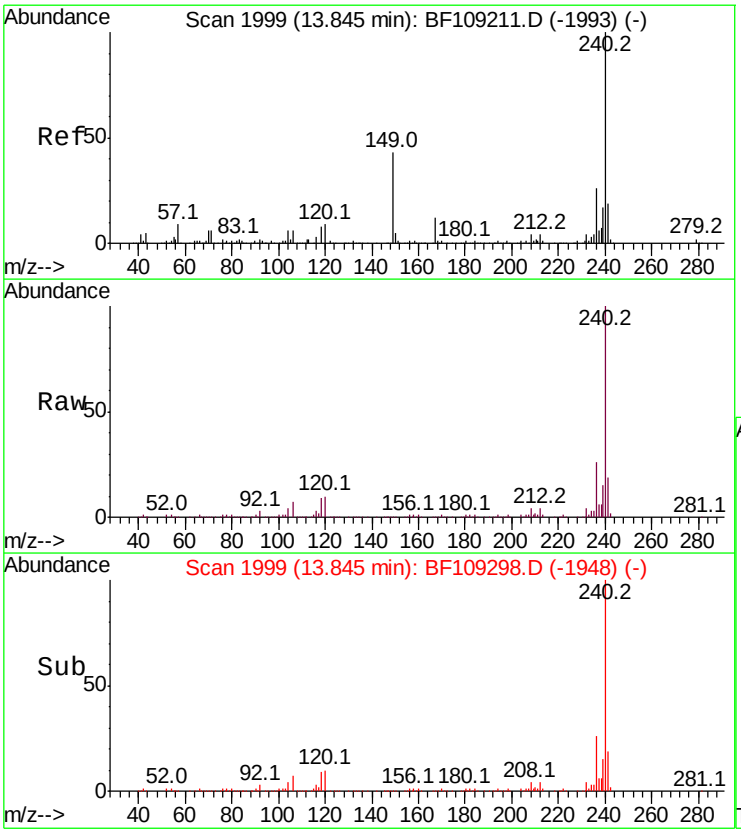
#66
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12320

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	449.1	74.4	111.6#

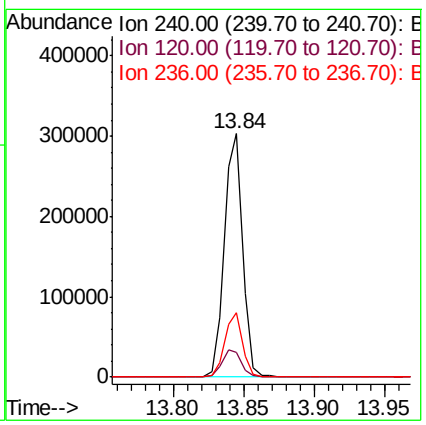


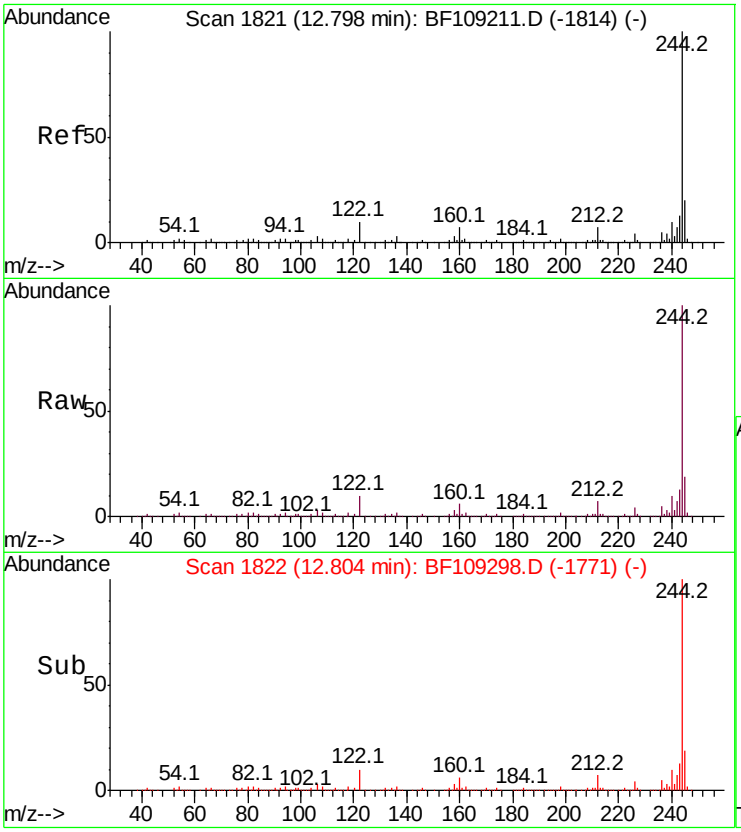


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:240 Resp: 272000

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	20.7	31.1



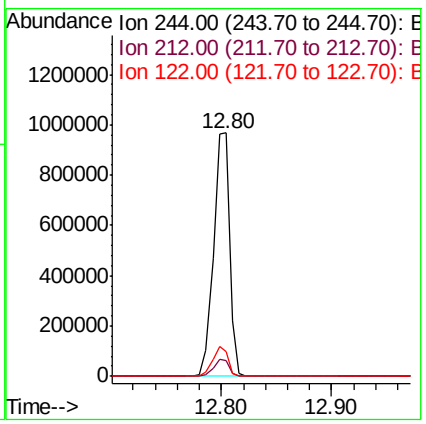


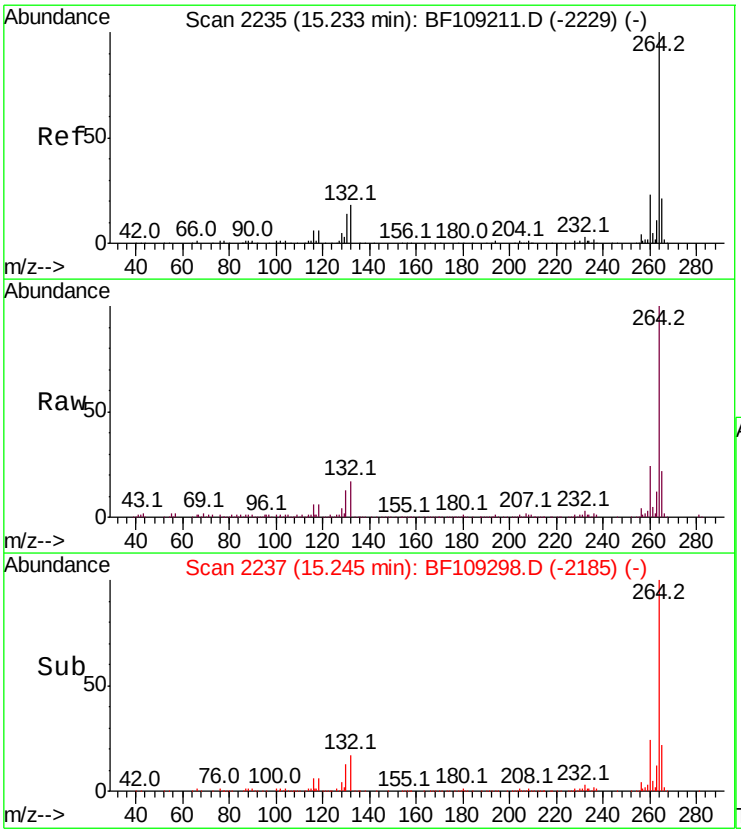
#78
Terphenyl-d14
Concen: 87.778 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 972860

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109298.D
Acq: 25 Sep 2018 20:49

Tgt Ion:264 Resp: 200886

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3