Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109326.D
Acq On : 26 Sep 2018 9:34
Operator : JU/SJ
Sample : J5052-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 11:47:05 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	6.70	152	121370	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	441382	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	187254	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	302024	20.00	ng	0.00
75) Chrysene-d12	13.84	240	269778	20.00	ng	0.00
86) Perylene-d12	15.24	264	194675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	329766	44.75	ng	0.00
7) Phenol-d6	6.34	99	260279	27.68	ng	-0.02
23) Nitrobenzene-d5	7.27	82	803408	107.45	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	167715	90.86	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1280338	103.12	ng	0.00
78) Terphenyl-d14	12.80	244	1094239	99.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	14196	2.350	ng	# 71
19) n-Nitroso-di-n-propylamine	7.27	70	109135	17.713	ng	# 79
25) Isophorone	7.27	82	777685	57.759	ng	# 64
49) Dimethylphthalate	9.46	163	96534	7.088	ng	99
56) 2,4-Dinitrotoluene	9.74	165	24114	7.065	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	305	6.738	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10529	3.139	ng	# 1

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

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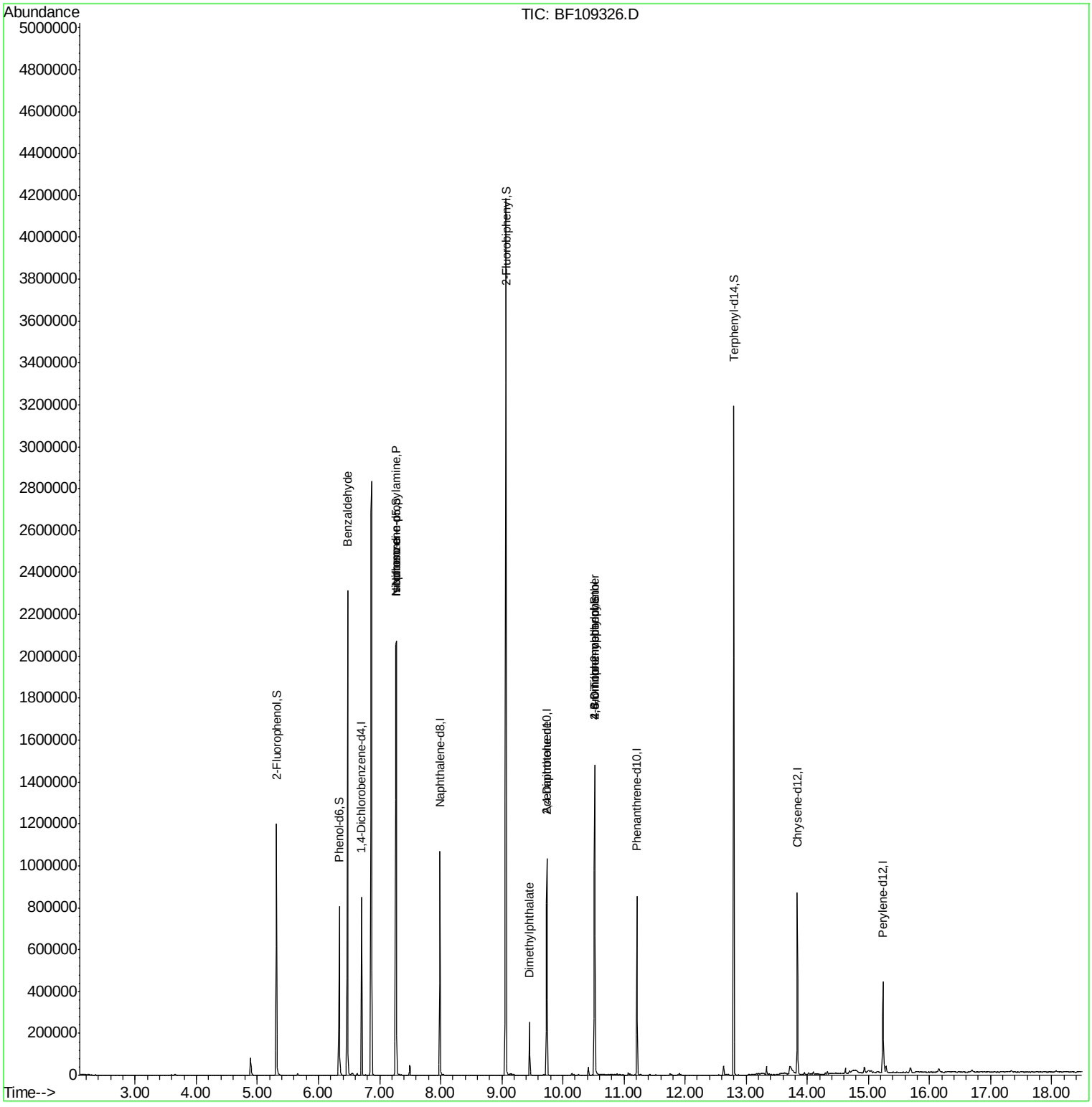
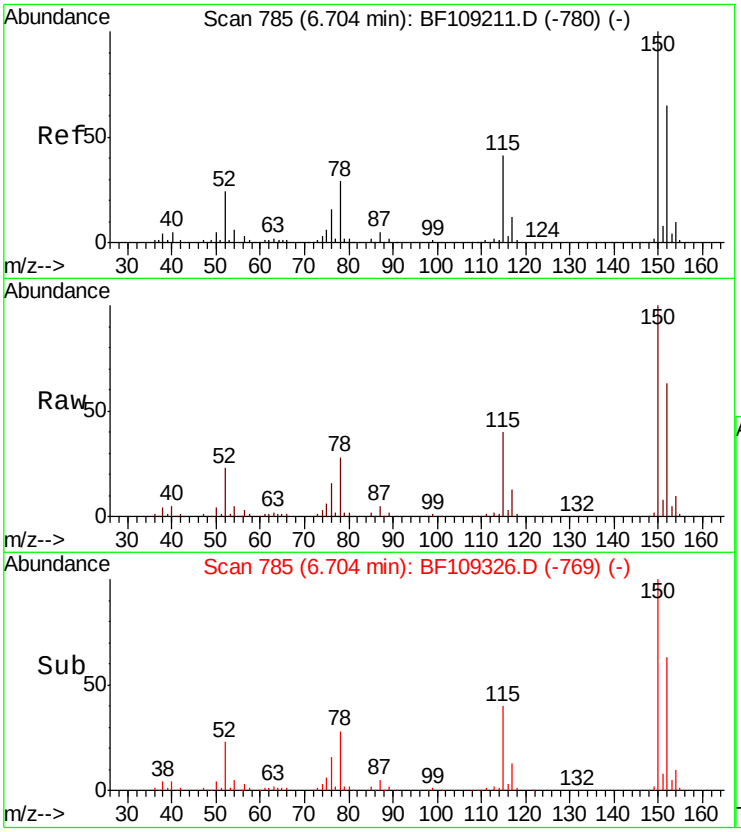


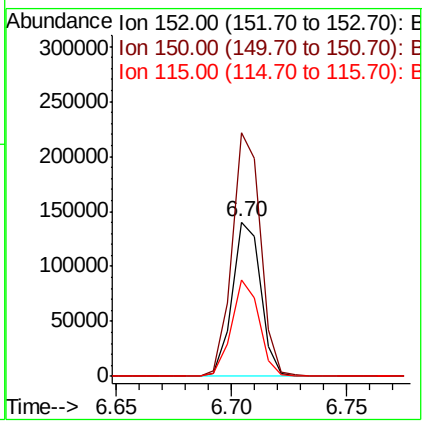


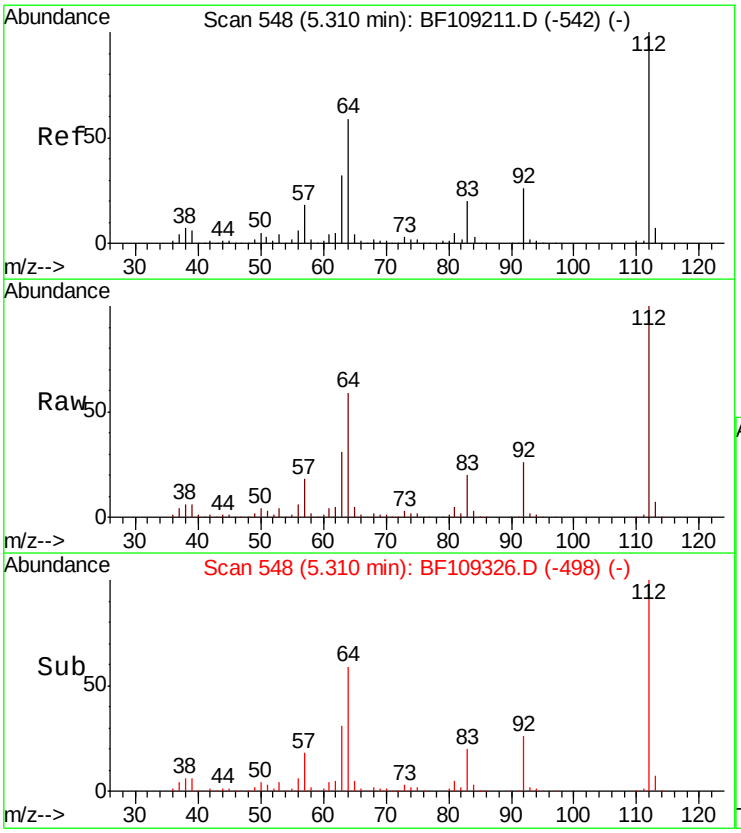
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121370

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.3	50.1	75.1

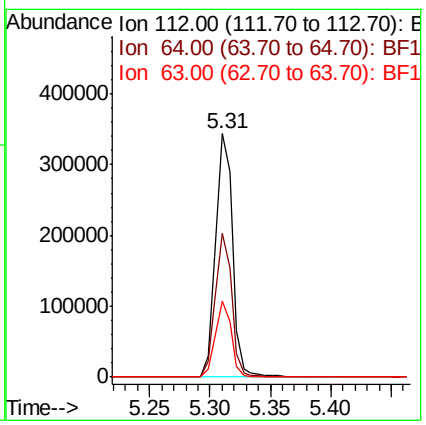


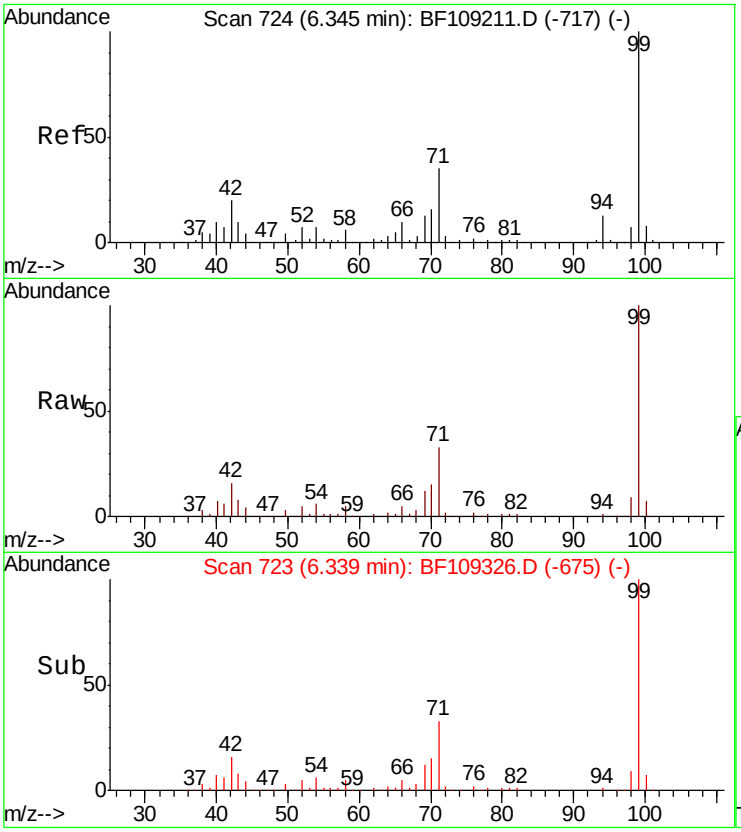


#5
2-Fluorophenol
Concen: 44.752 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:112 Resp: 329766

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	31.1	23.7	35.5



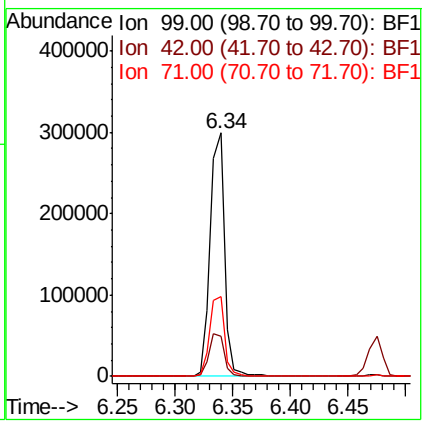


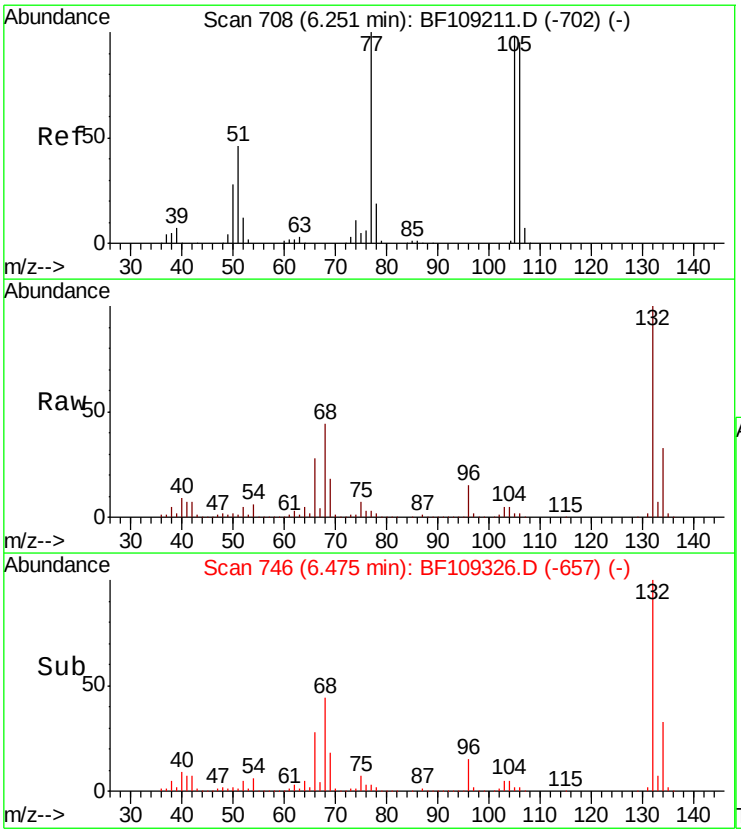
#7
Phenol-d6
Concen: 27.681 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 260279

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	32.8	25.4	38.0

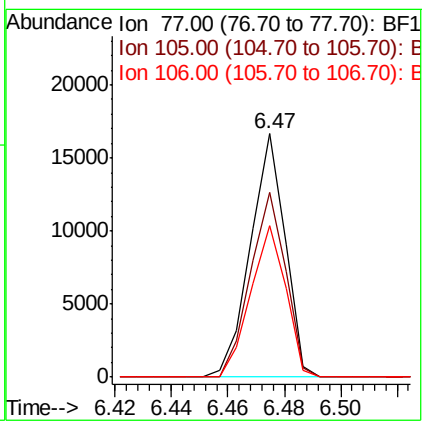


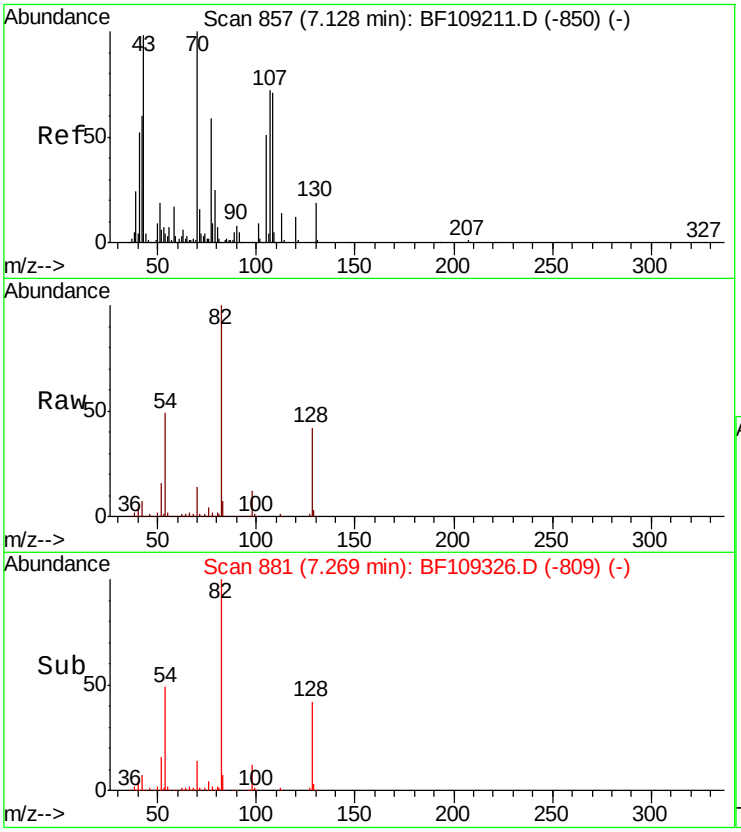


#9
Benzaldehyde
Concen: 2.350 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion: 77 Resp: 14196

Ion	Ratio	Lower	Upper
77	100		
105	75.9	81.1	121.1#
106	62.1	74.5	114.5#



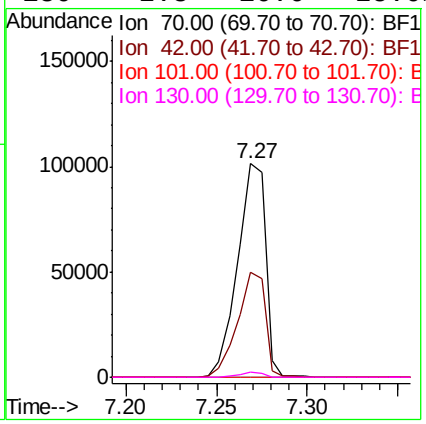


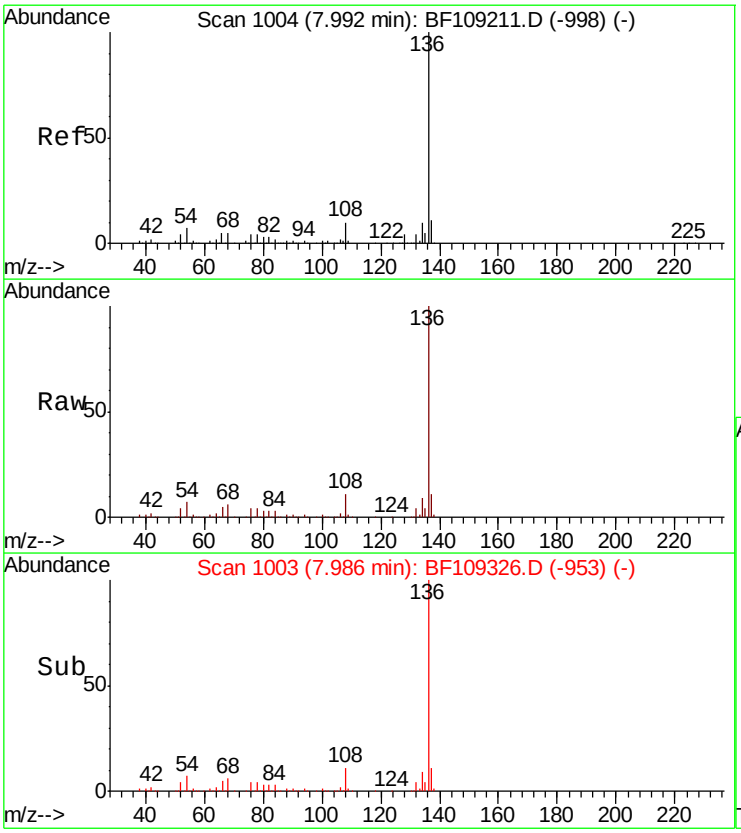
#19
n-Nitroso-di-n-propylamine
Concen: 17.713 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 109135

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

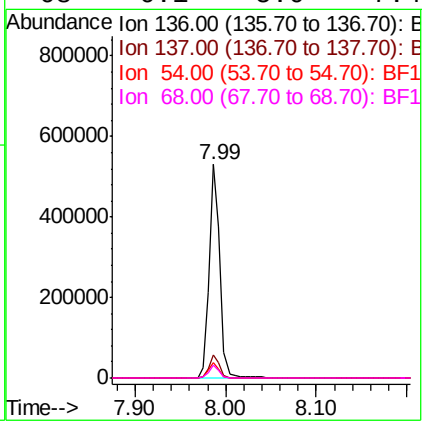


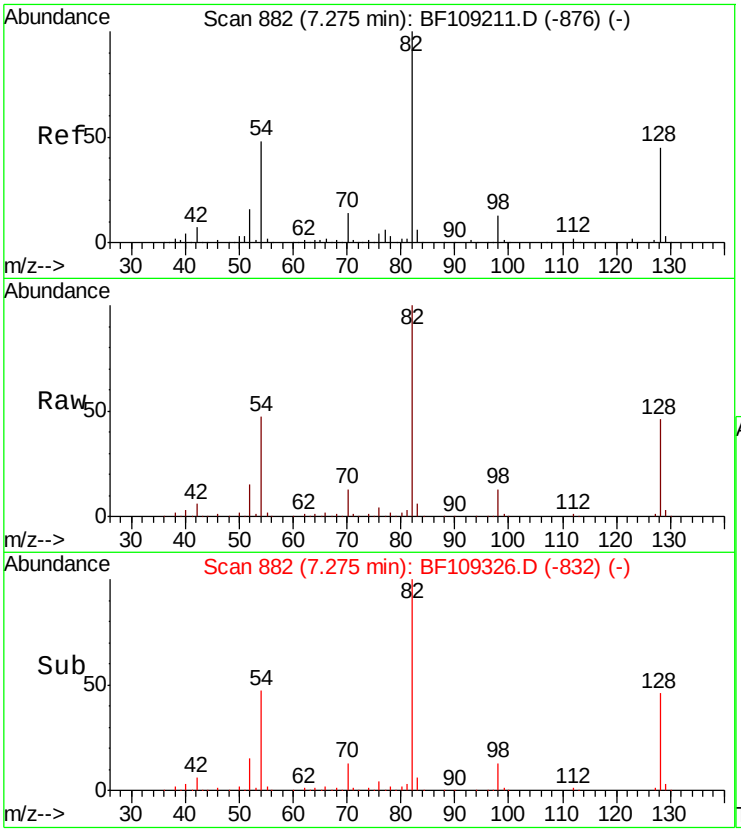


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:136 Resp: 441382

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4



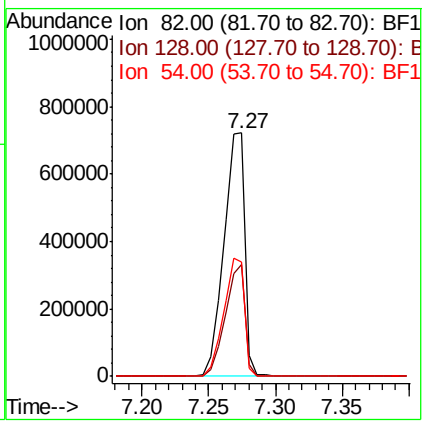


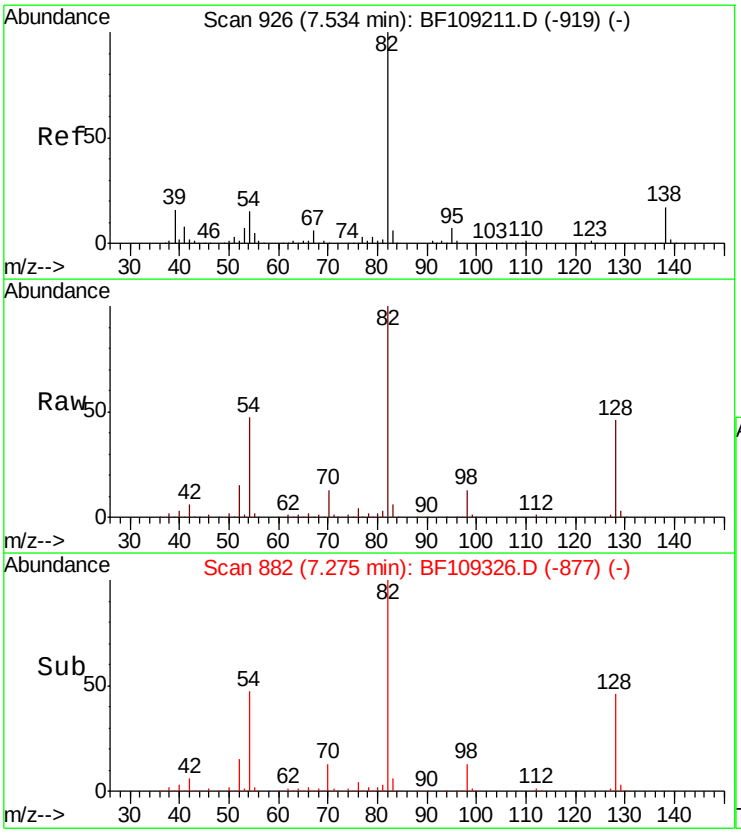
#23
Nitrobenzene-d5
Concen: 107.450 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 803408

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	46.8	41.4	62.2

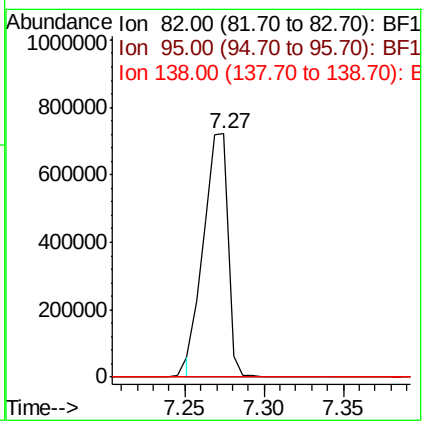


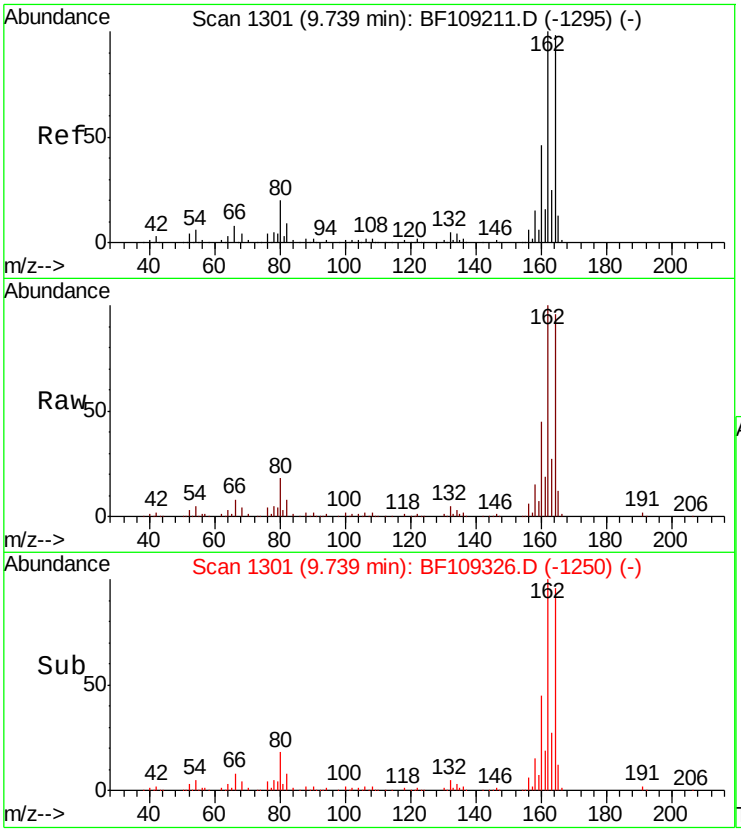


#25
Isophorone
Concen: 57.759 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion: 82 Resp: 777685

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



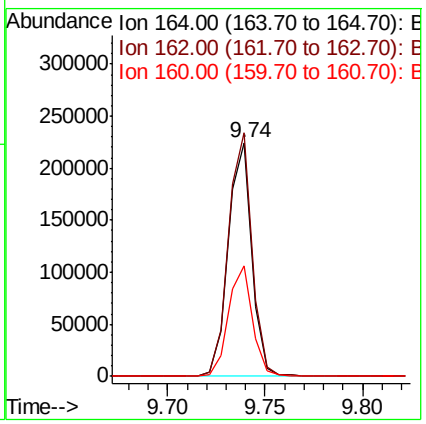


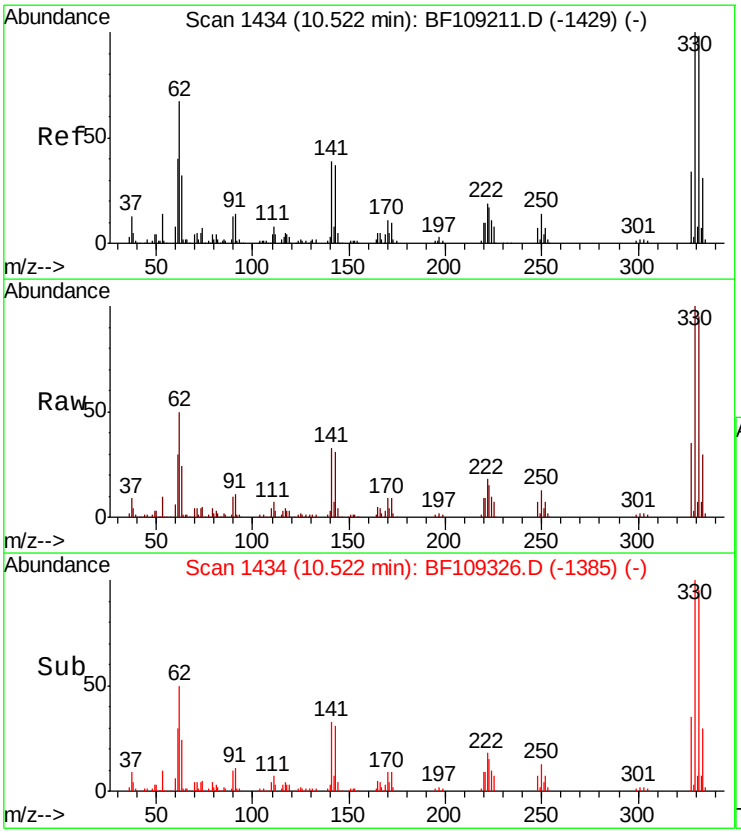
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 187254

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.1	38.3	57.5

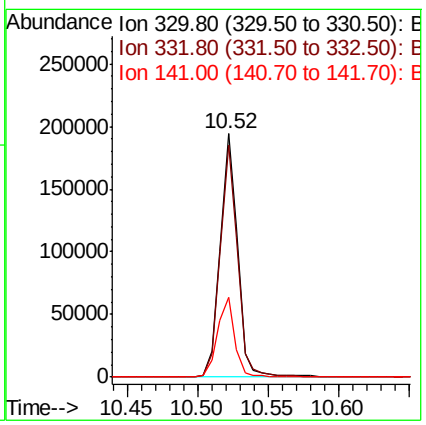


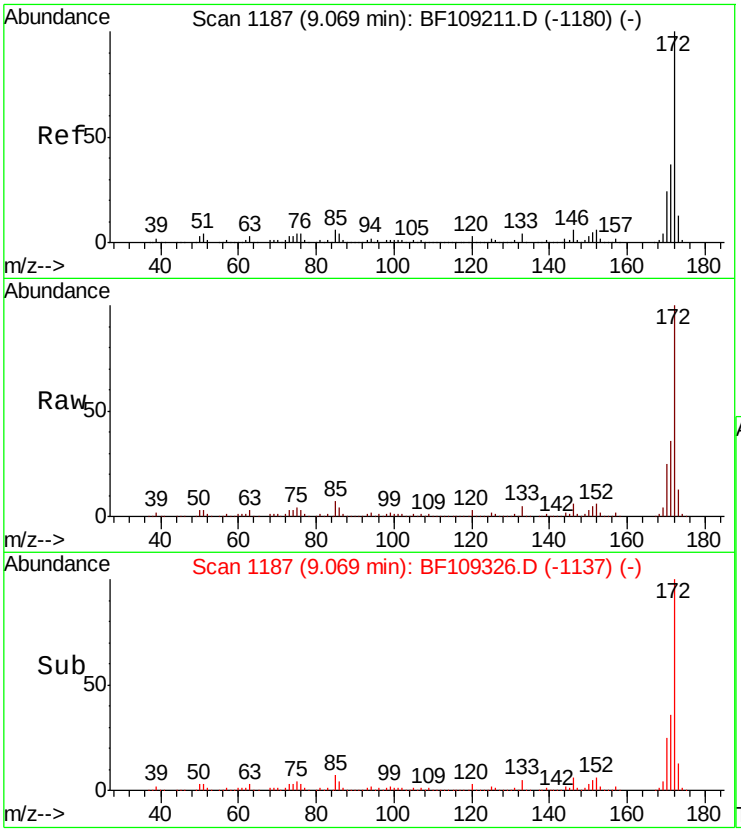


#41
2,4,6-Tribromophenol
Concen: 90.856 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:330 Resp: 167715

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.3	29.9	44.9



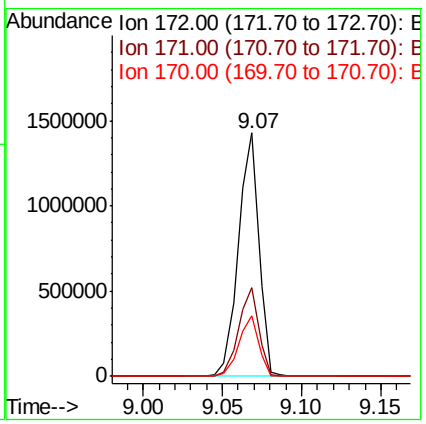


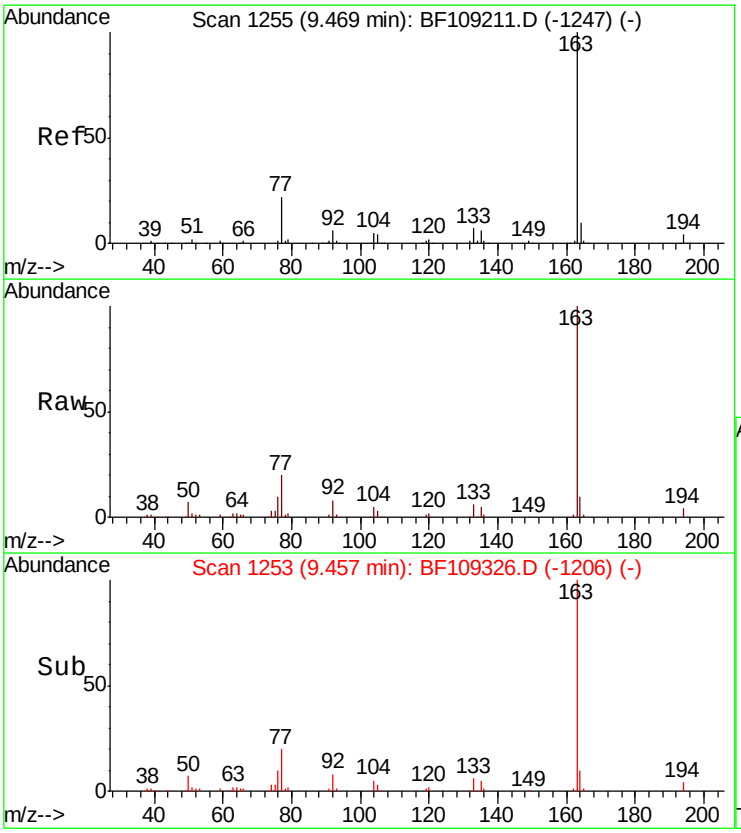
#44
2-Fluorobiphenyl
Concen: 103.122 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1280338

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.1	19.6	29.4

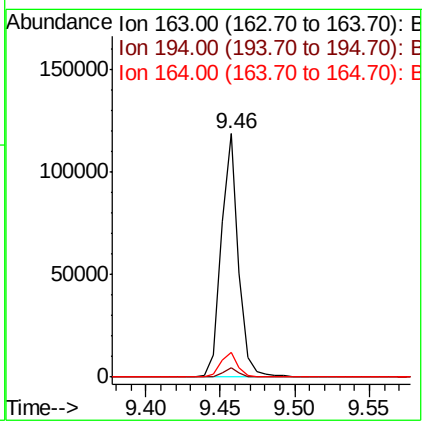


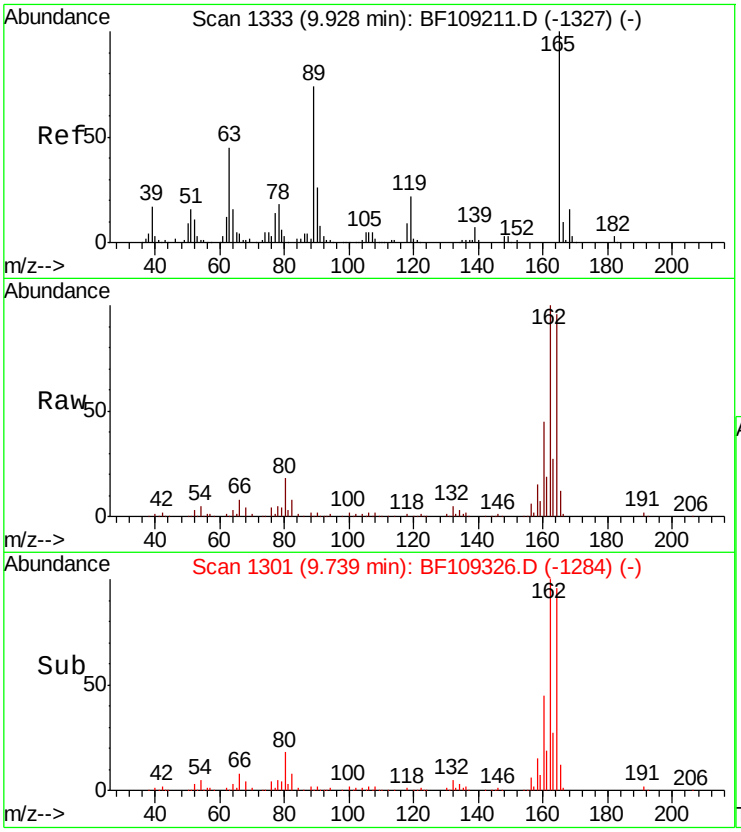


#49
Dimethylphthalate
Concen: 7.088 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:163 Resp: 96534

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2



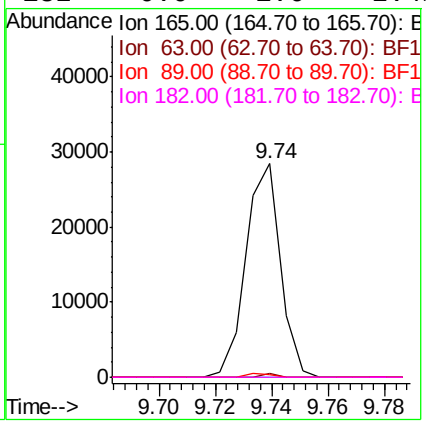


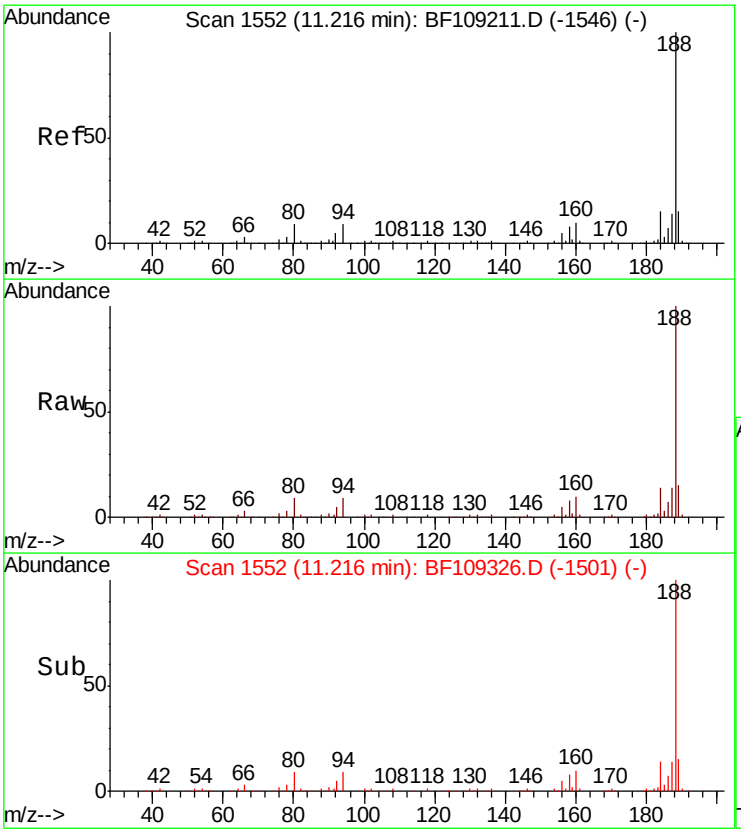
#56
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24114

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

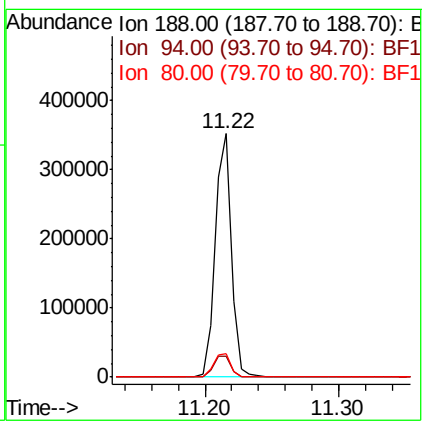


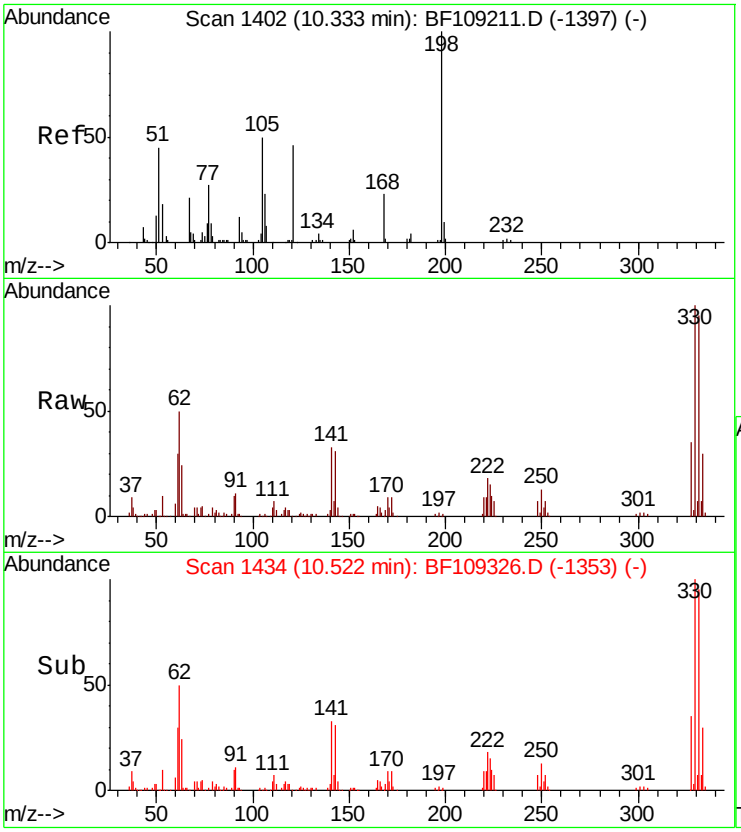


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:188 Resp: 302024

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8



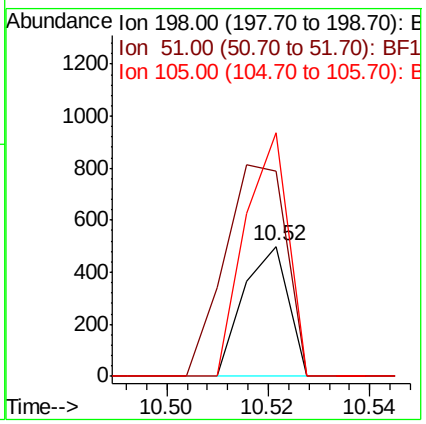


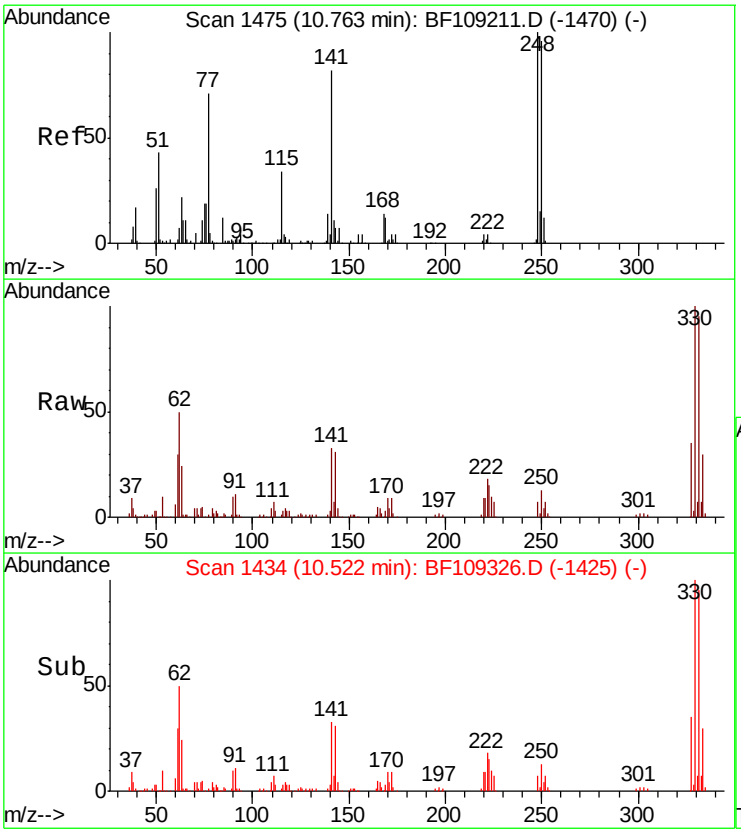
#64
4,6-Dinitro-2-methylphenol
Concen: 6.738 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 305

Ion	Ratio	Lower	Upper
198	100		
51	157.6	37.7	77.7#
105	187.2	36.3	76.3#

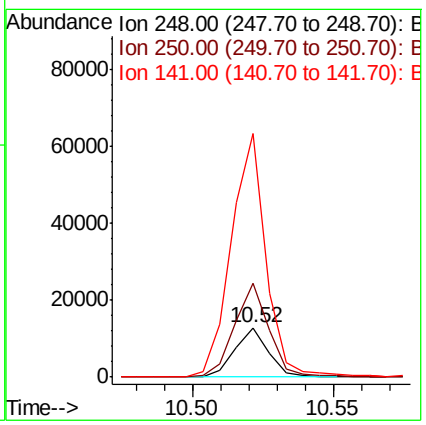


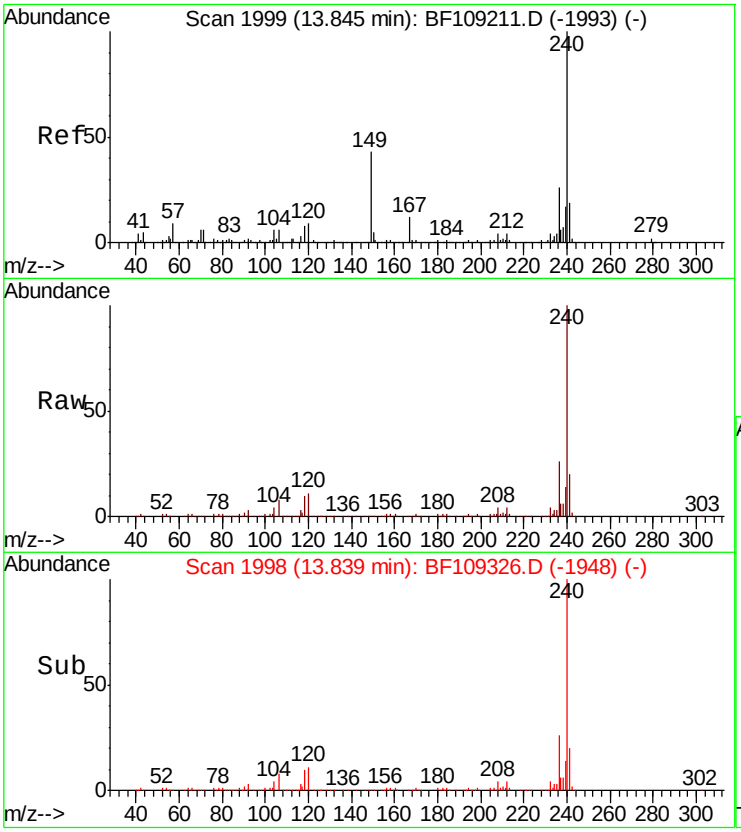


#66
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:248 Resp: 10529

Ion	Ratio	Lower	Upper
248	100		
250	190.4	76.9	115.3#
141	496.5	74.4	111.6#



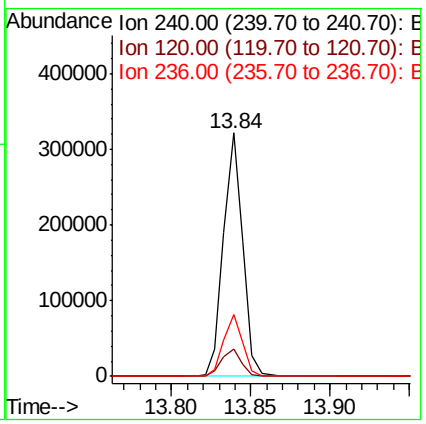


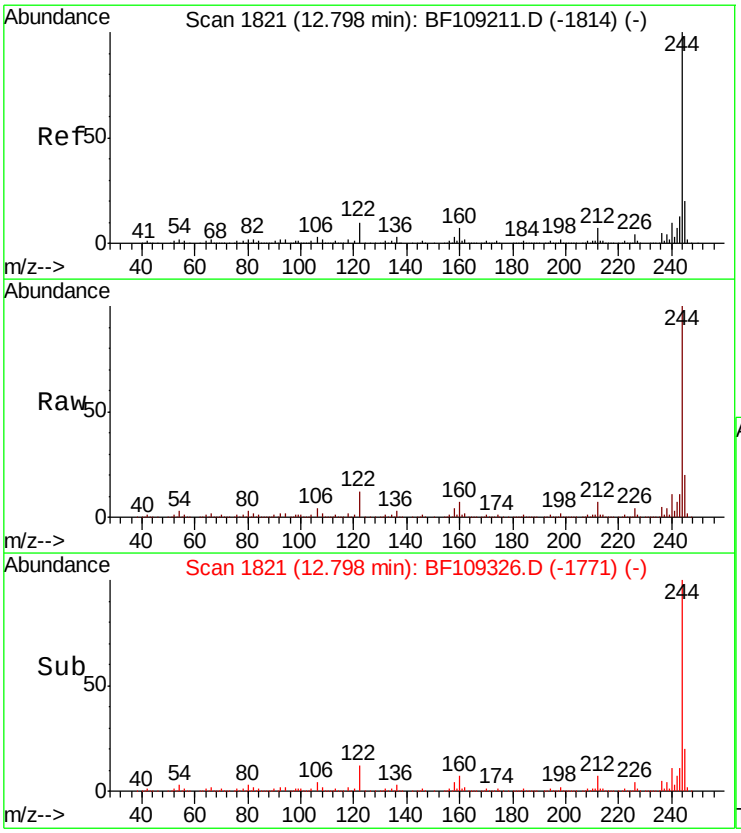
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 269778

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.5	20.7	31.1

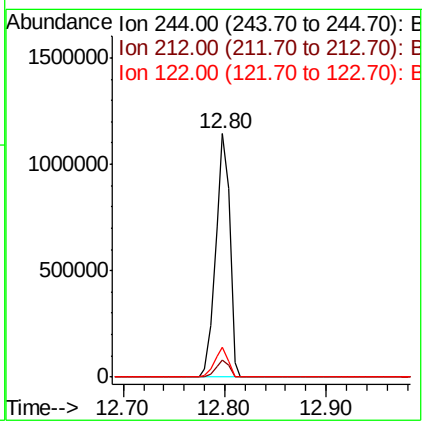


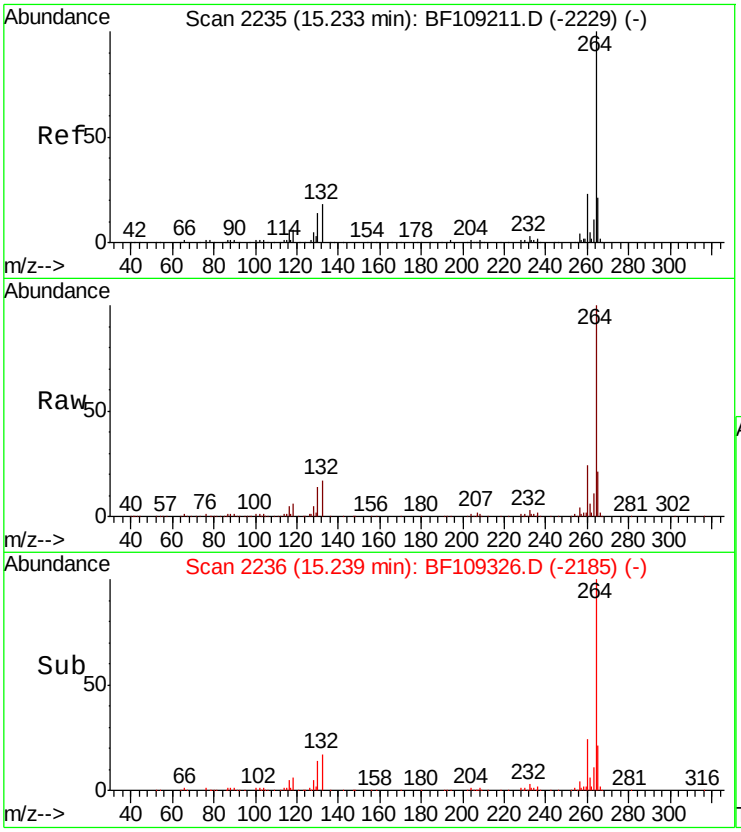


#78
Terphenyl-d14
Concen: 99.543 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Tgt Ion:244 Resp: 1094239

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109326.D
Acq: 26 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194675

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3