Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109374.D
Acq On : 27 Sep 2018 8:26
Operator : JU/SJ
Sample : J5051-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 27 11:29:34 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	106821	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	391882	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	168494	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	289143	20.00	ng	0.00
75) Chrysene-d12	13.84	240	282107	20.00	ng	0.00
86) Perylene-d12	15.24	264	224878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	269059	41.49	ng	0.00
7) Phenol-d6	6.34	99	214803	25.96	ng	-0.02
23) Nitrobenzene-d5	7.27	82	675180	101.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	158063	95.16	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1111824	99.52	ng	0.00
78) Terphenyl-d14	12.80	244	1075691	93.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11164	2.100	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	91371	16.850	ng	# 76
25) Isophorone	7.27	82	646288	54.064	ng	# 64
49) Dimethylphthalate	9.46	163	83140	6.784	ng	98
56) 2,4-Dinitrotoluene	9.73	165	21105	6.872	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	294	6.739	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9526	2.967	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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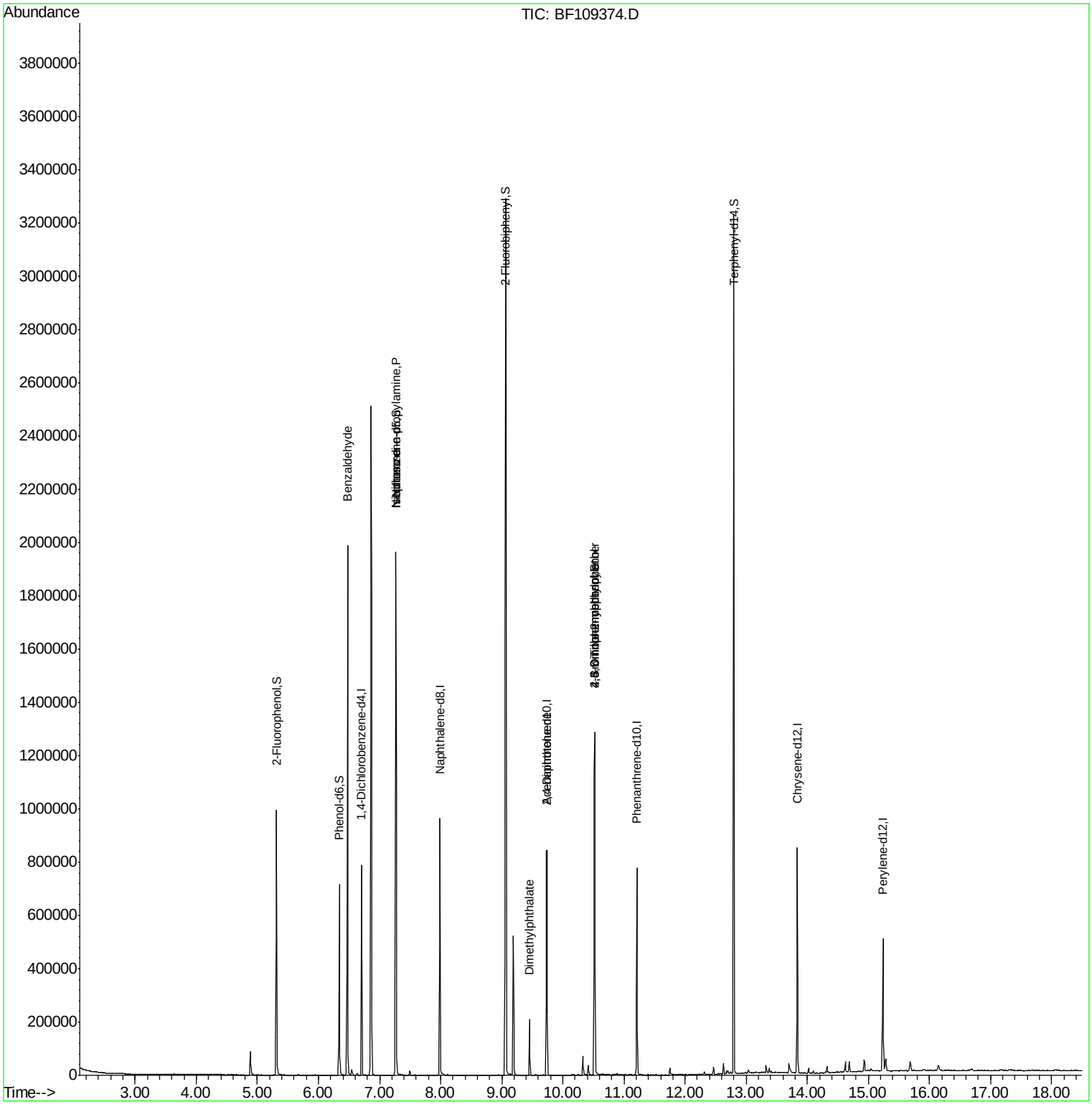
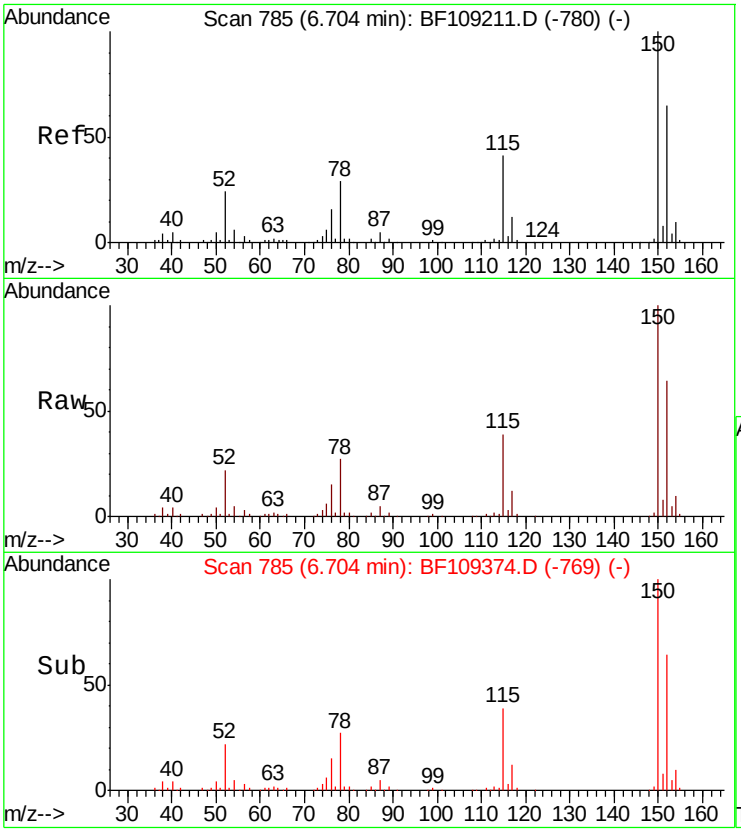


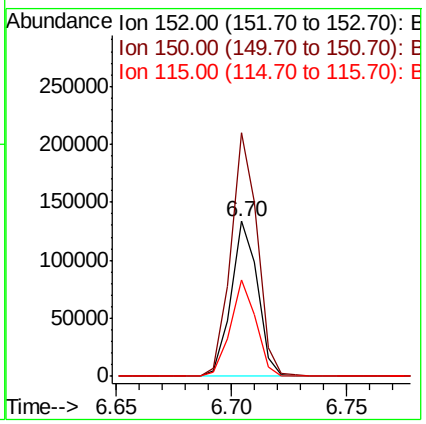


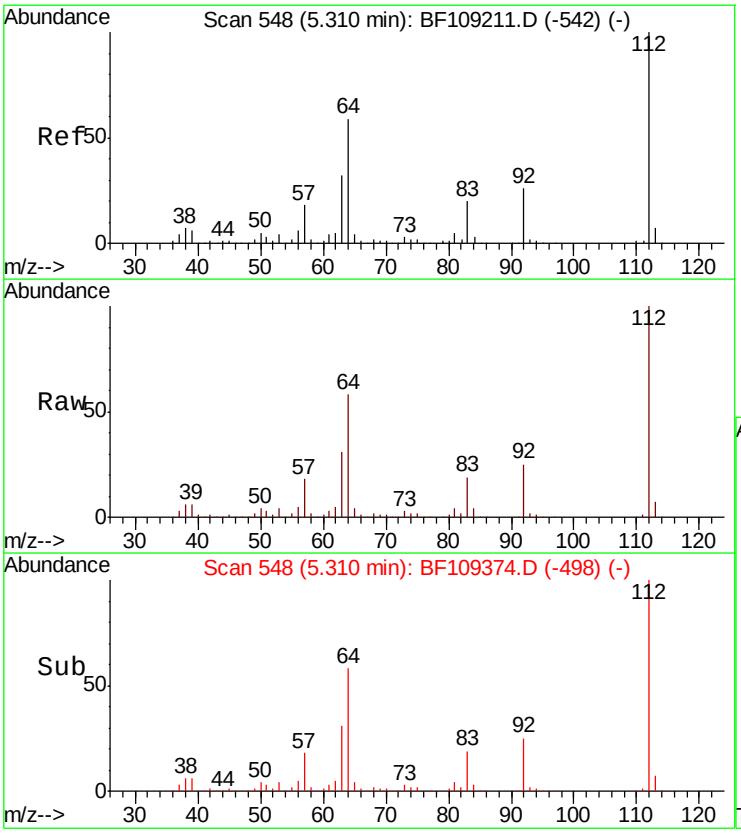
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106821

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.7	50.1	75.1

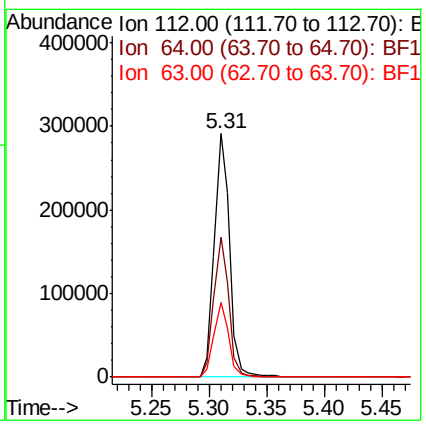


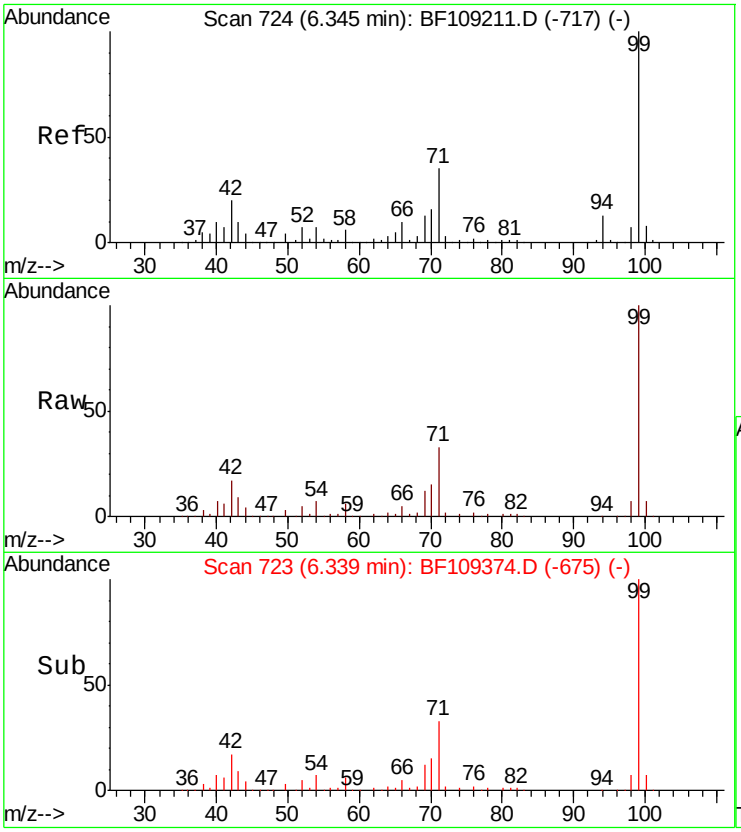


#5
2-Fluorophenol
Concen: 41.486 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:112 Resp: 269059

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.6	23.7	35.5



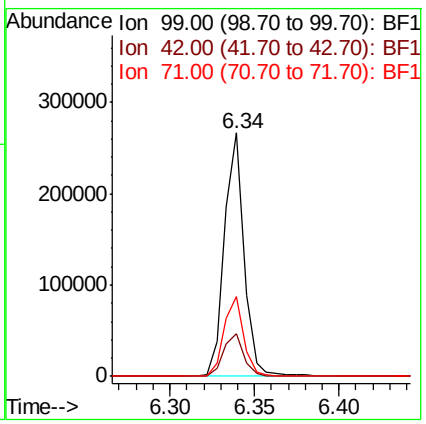


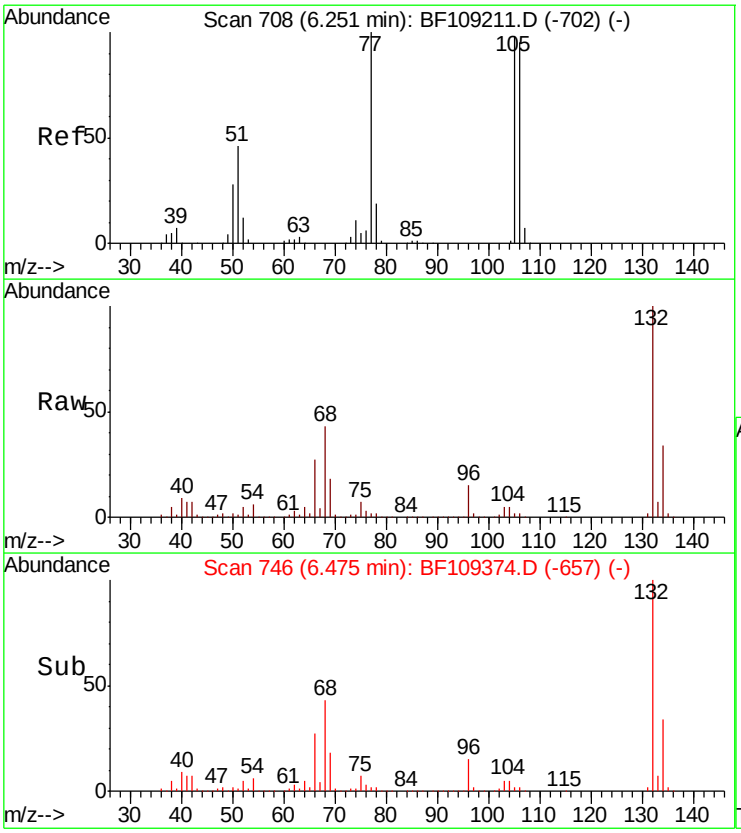
#7
Phenol-d6
Concen: 25.956 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 214803

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	32.8	25.4	38.0

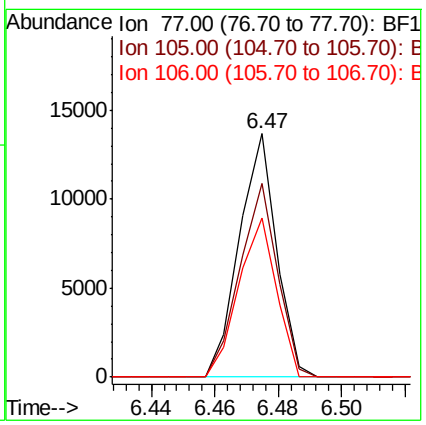


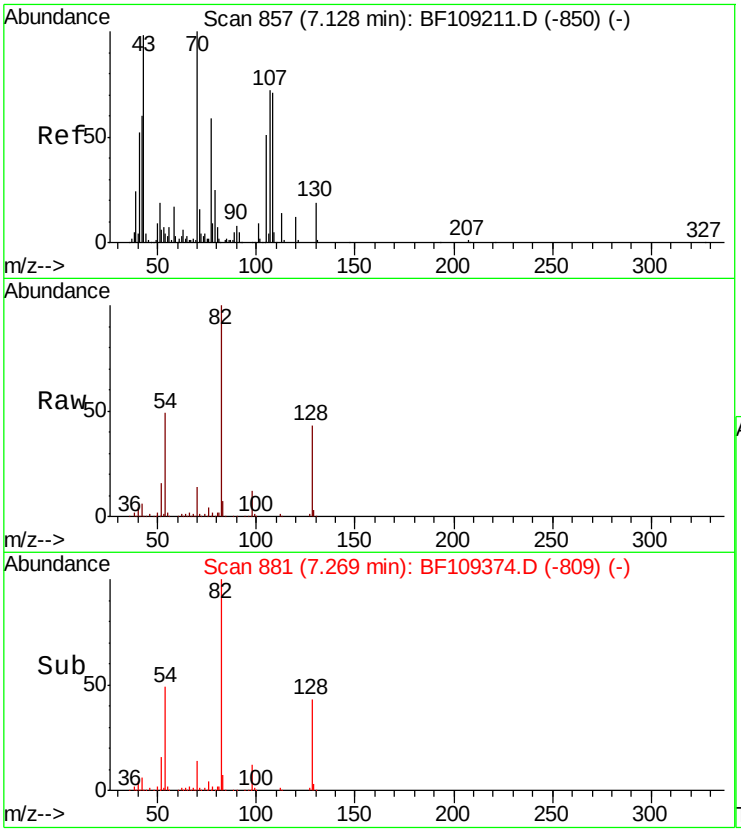


#9
Benzaldehyde
Concen: 2.100 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion: 77 Resp: 11164

Ion	Ratio	Lower	Upper
77	100		
105	79.5	81.1	121.1#
106	65.5	74.5	114.5#



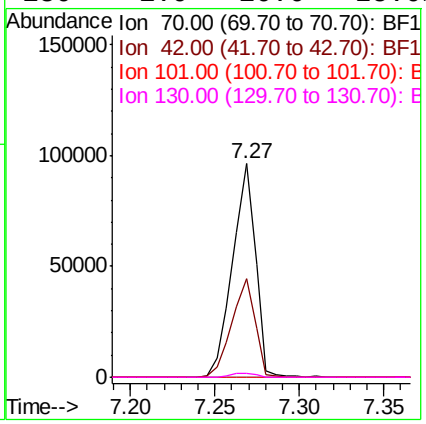


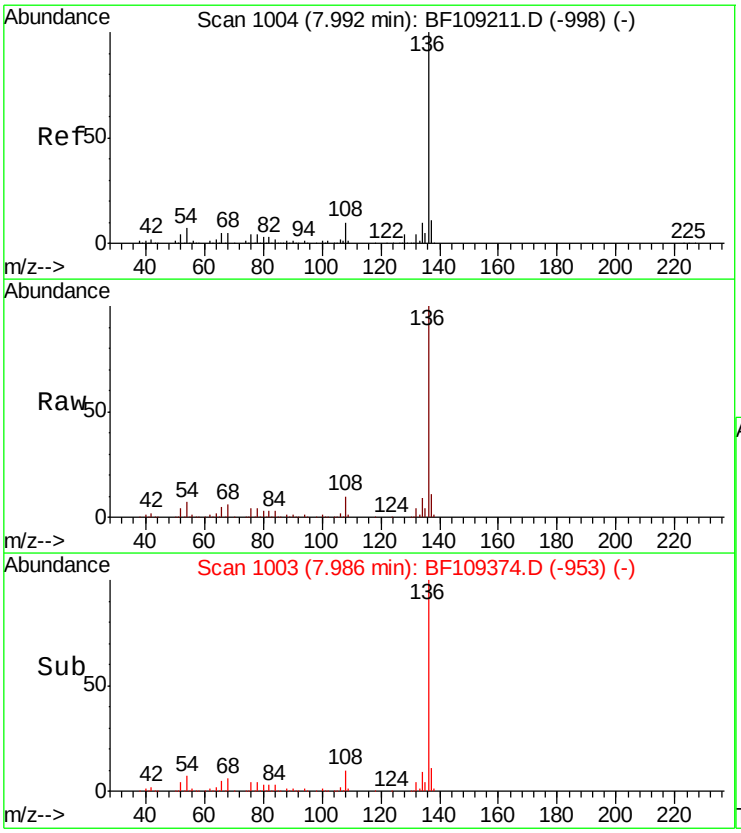
#19
n-Nitroso-di-n-propylamine
Concen: 16.850 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91371

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

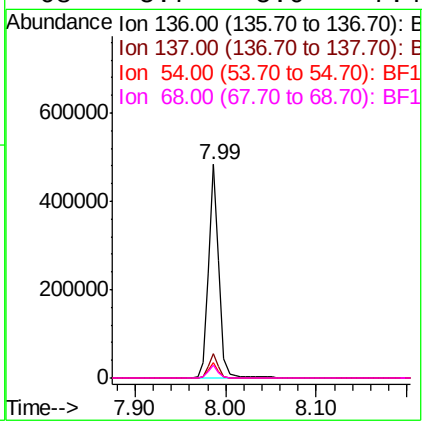


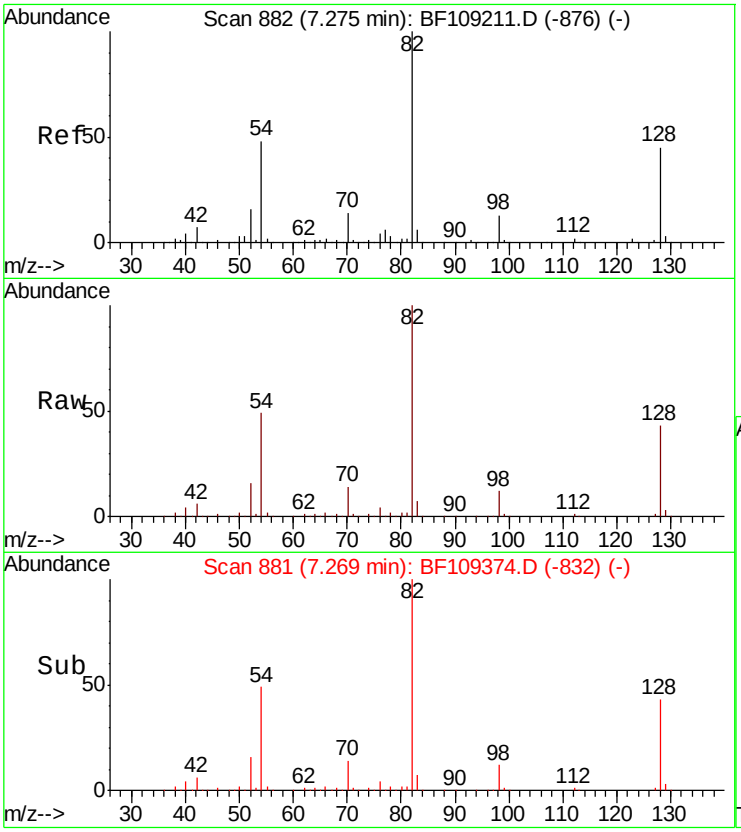


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:136 Resp: 391882

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4



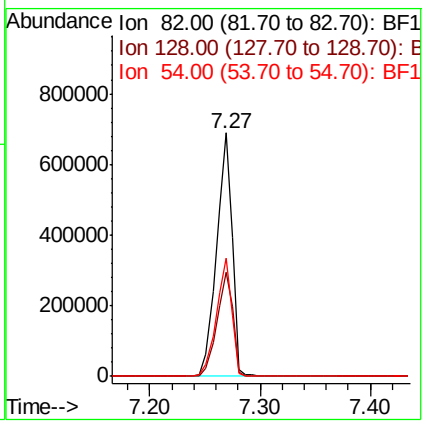


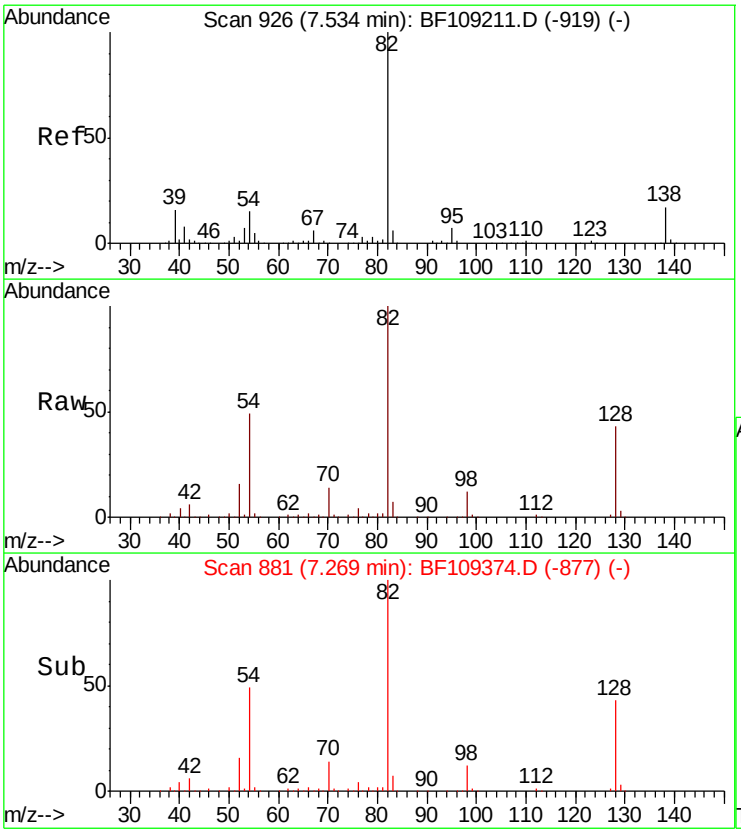
#23
Nitrobenzene-d5
Concen: 101.706 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 675180

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	48.7	41.4	62.2

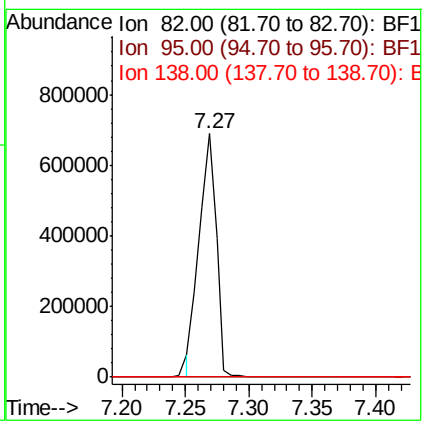


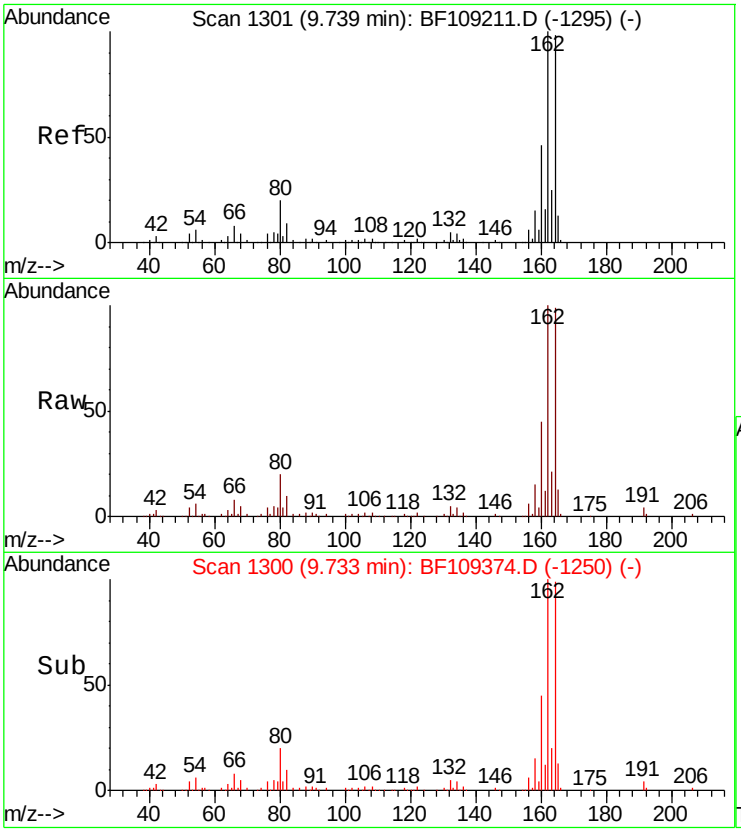


#25
Isophorone
Concen: 54.064 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion: 82 Resp: 646288

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

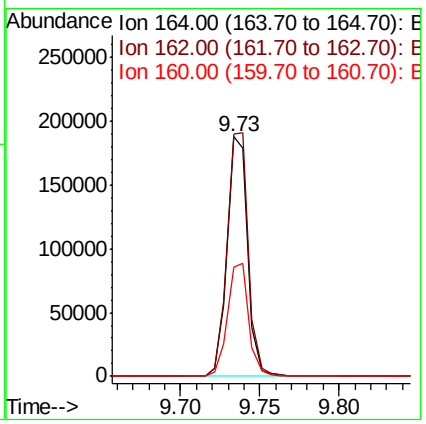




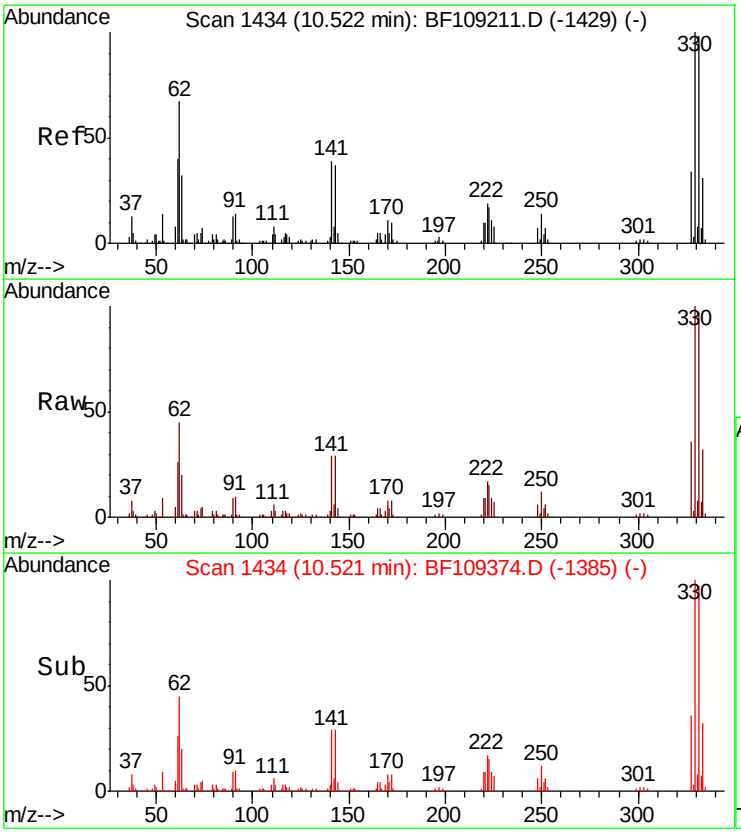
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:164 Resp: 168494

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.6	38.3	57.5



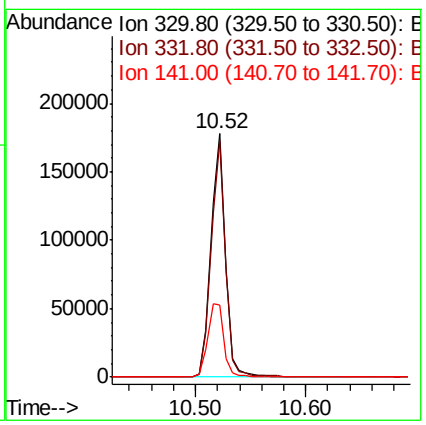
Instrument :
BNA_F
ClientSampleId :

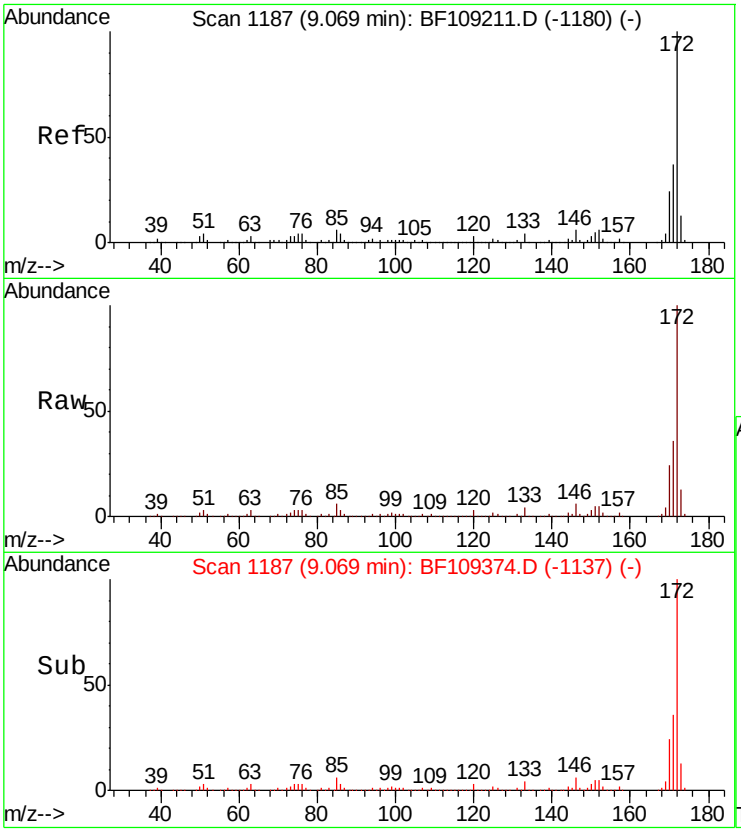


#41
2,4,6-Tribromophenol
Concen: 95.161 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:330 Resp: 158063

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.0	29.9	44.9



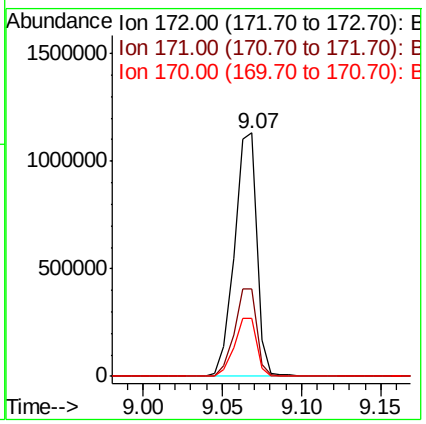


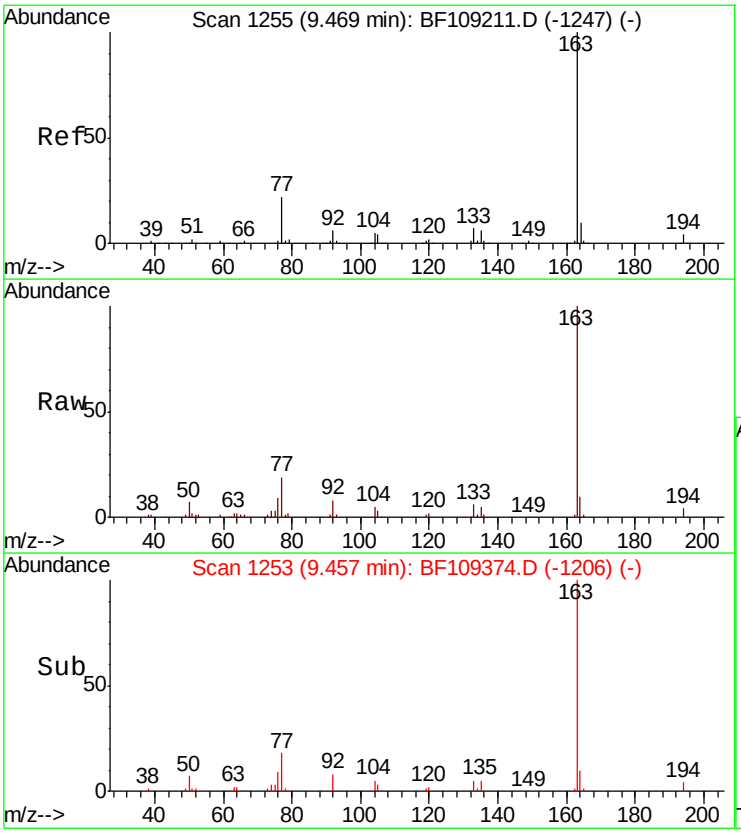
#44
2-Fluorobiphenyl
Concen: 99.520 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1111824

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

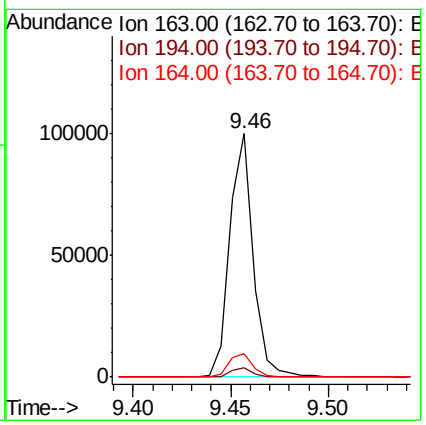


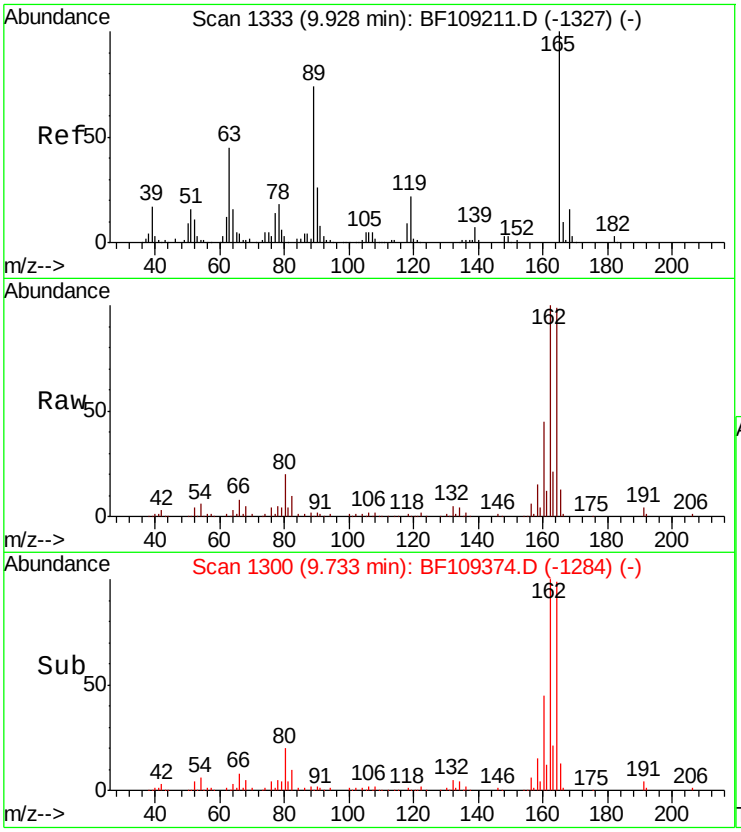


#49
Dimethylphthalate
Concen: 6.784 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:163 Resp: 83140

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	8.2	12.2



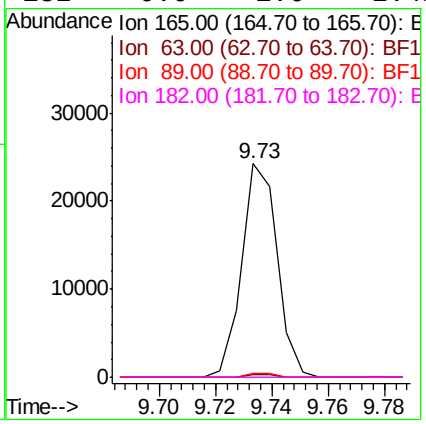


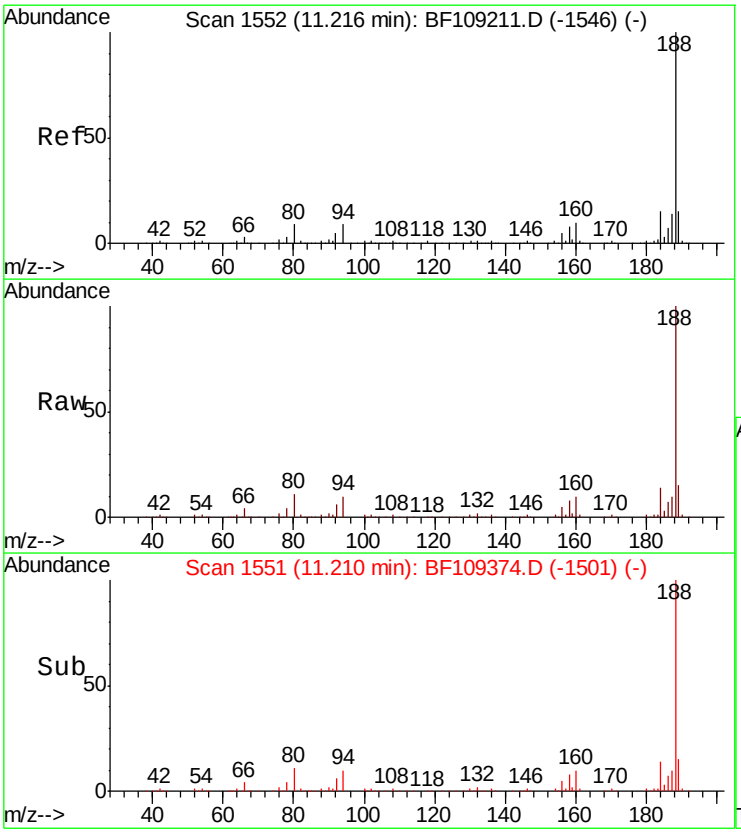
#56
2,4-Dinitrotoluene
Concen: 6.872 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21105

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

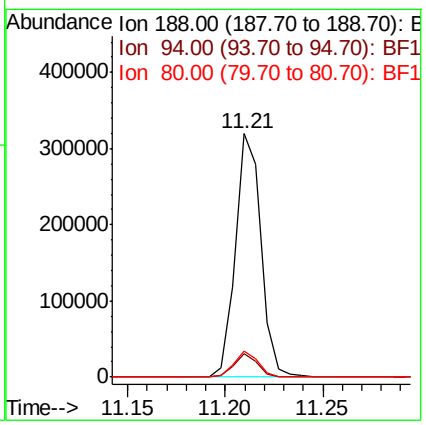


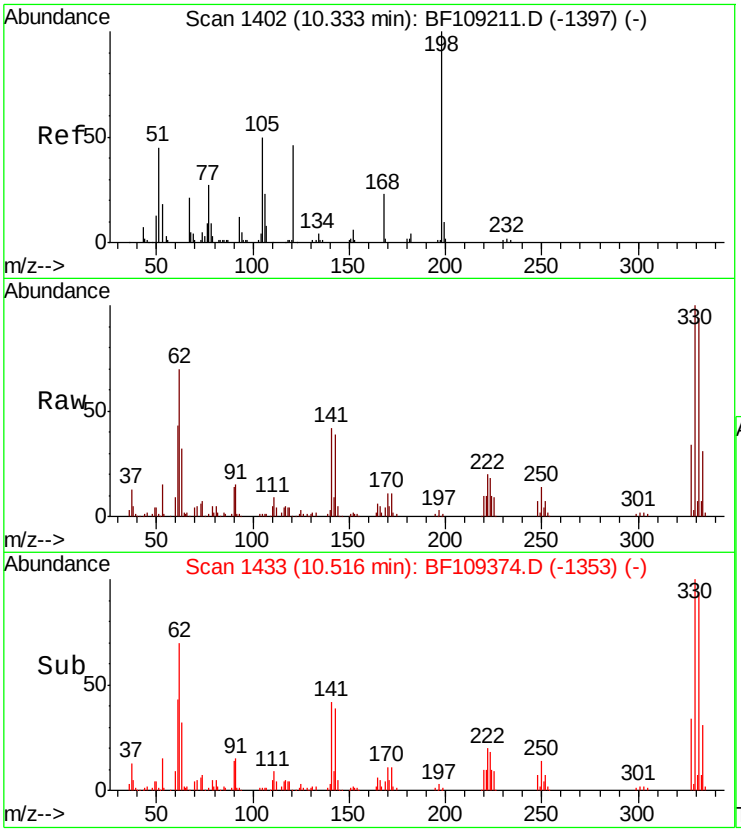


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:188 Resp: 289143

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8



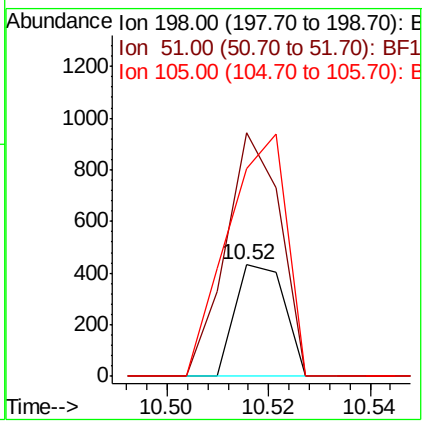


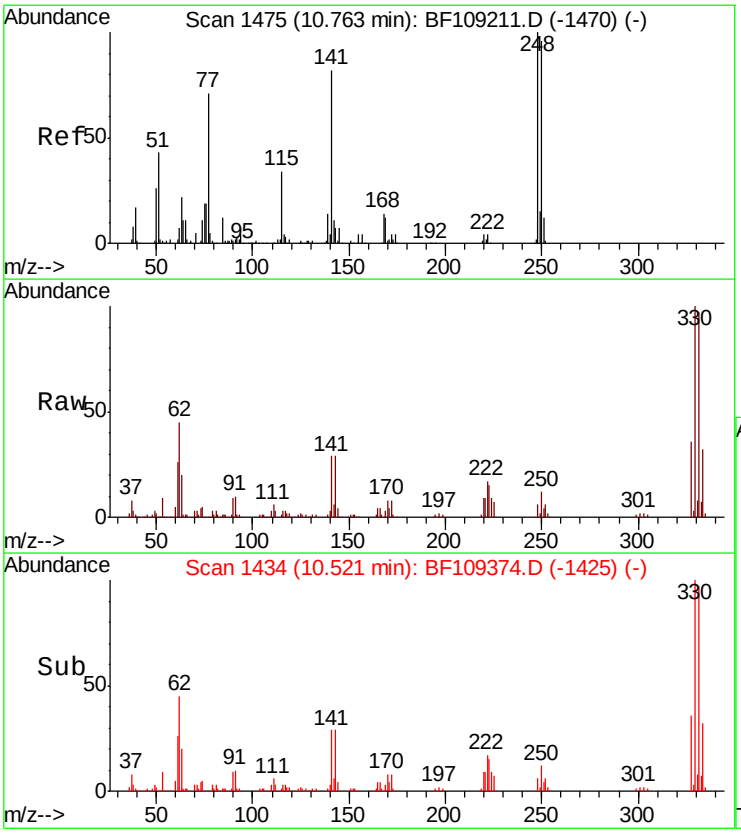
#64
4,6-Dinitro-2-methylphenol
Concen: 6.739 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 294

Ion	Ratio	Lower	Upper
198	100		
51	218.8	37.7	77.7#
105	187.0	36.3	76.3#

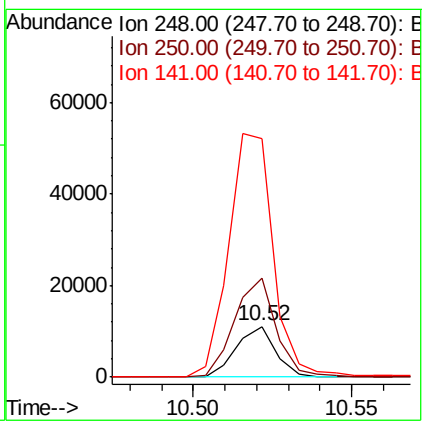


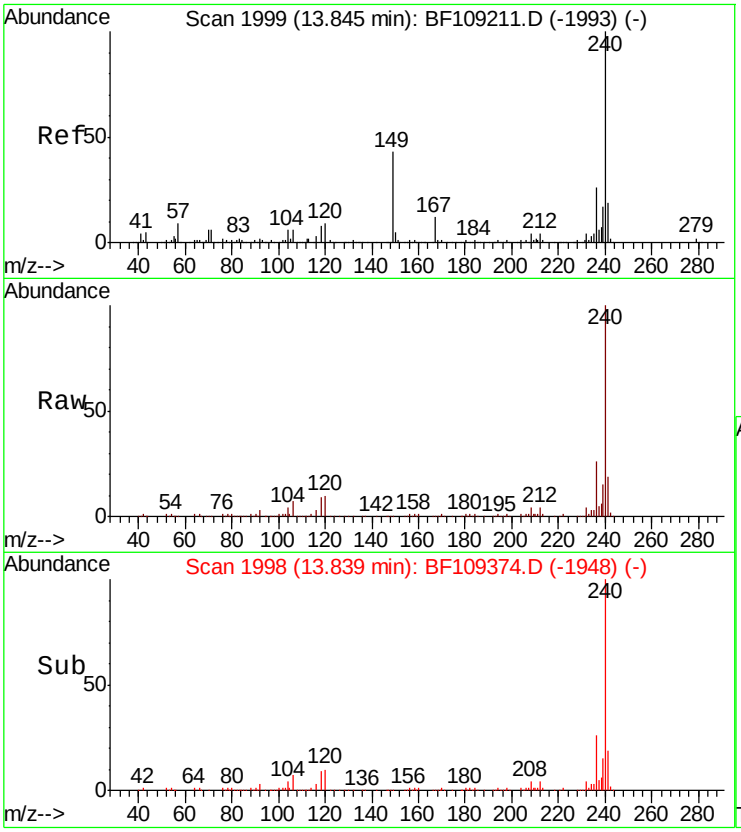


#66
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:248 Resp: 9526

Ion	Ratio	Lower	Upper
248	100		
250	196.6	76.9	115.3#
141	474.1	74.4	111.6#



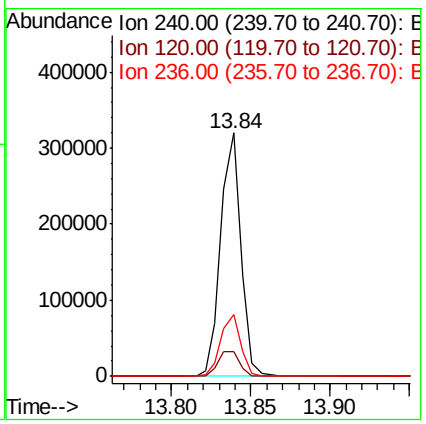


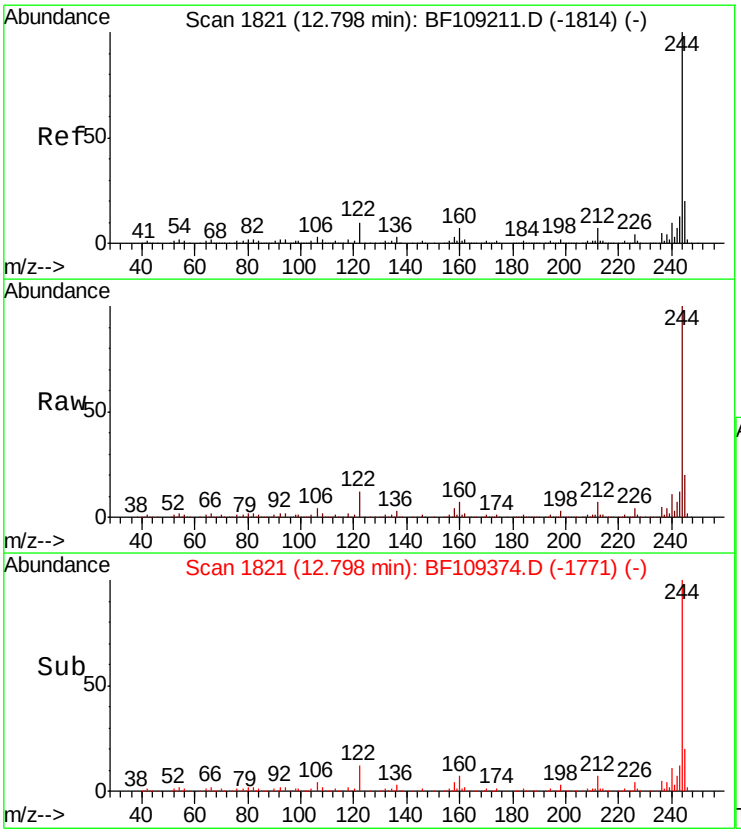
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 282107

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.5	20.7	31.1

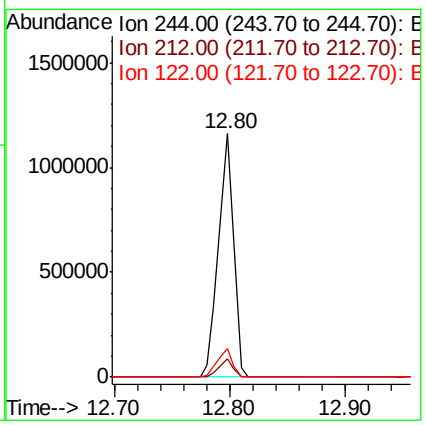


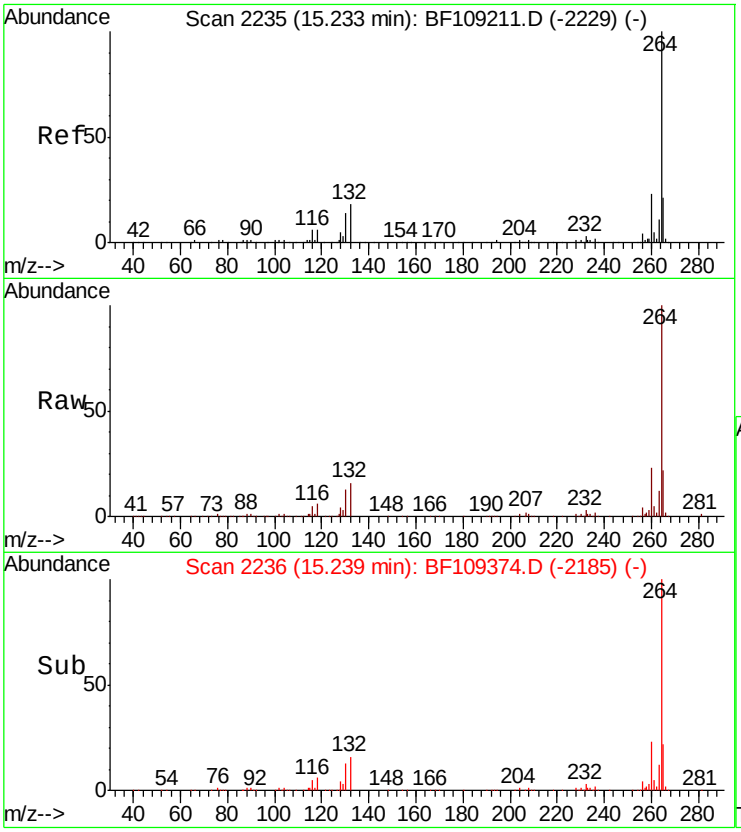


#78
Terphenyl-d14
Concen: 93.579 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:244 Resp: 1075691

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.8	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: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 224878

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3