Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108938.D
Acq On : 11 Sep 2018 16:34
Operator : JU/SJ
Sample : PB112758BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 16:58:32 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	6.74	152	165330	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	628131	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	301763	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	559110	20.00	ng	0.00
75) Chrysene-d12	13.87	240	364345	20.00	ng	0.00
86) Perylene-d12	15.28	264	400516	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	996527	99.86	ng	0.02
7) Phenol-d6	6.37	99	1280381	99.71	ng	0.00
23) Nitrobenzene-d5	7.30	82	817077	81.41	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	282763	98.16	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1443503	81.61	ng	0.00
78) Terphenyl-d14	12.83	244	1285178	82.25	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	109498	12.268	ng	# 77
25) Isophorone	7.30	82	810270	40.471	ng	# 64
50) 2,6-Dinitrotoluene	9.77	165	38373	9.541	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	38373	7.461	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	591	7.099	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17957	2.844	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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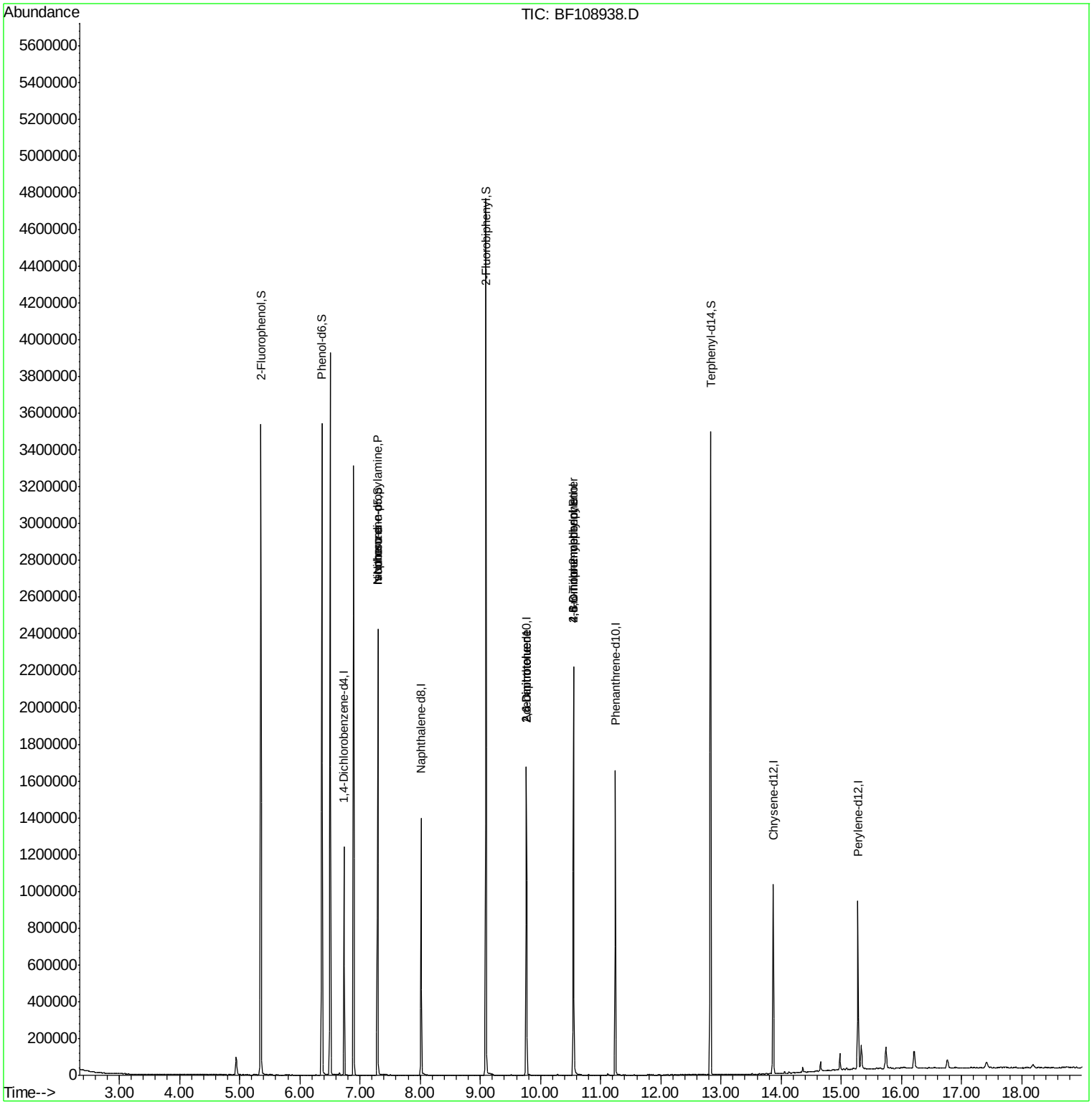
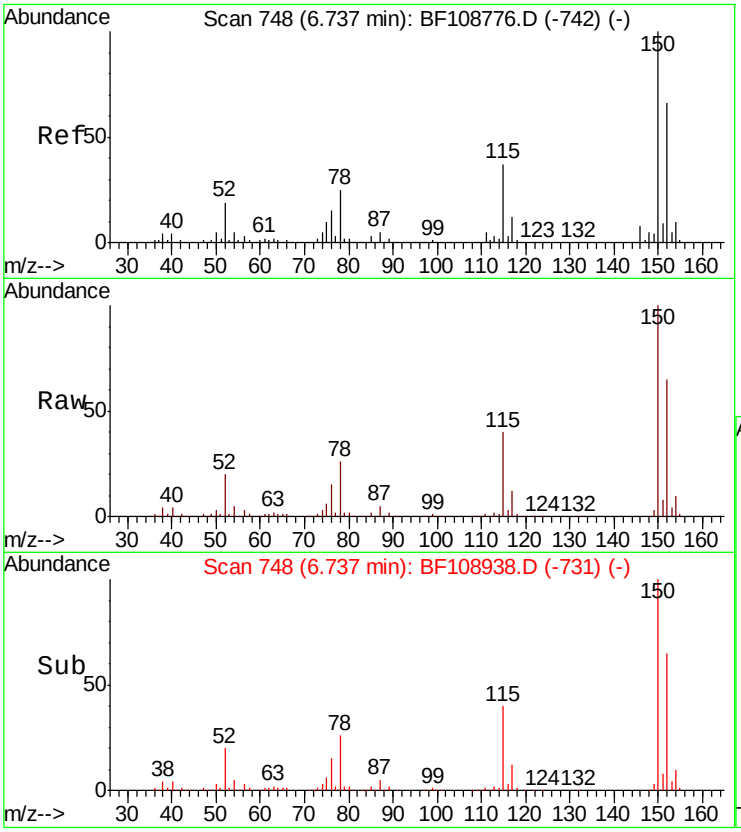


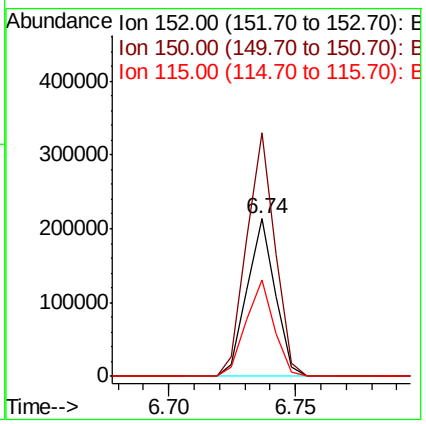


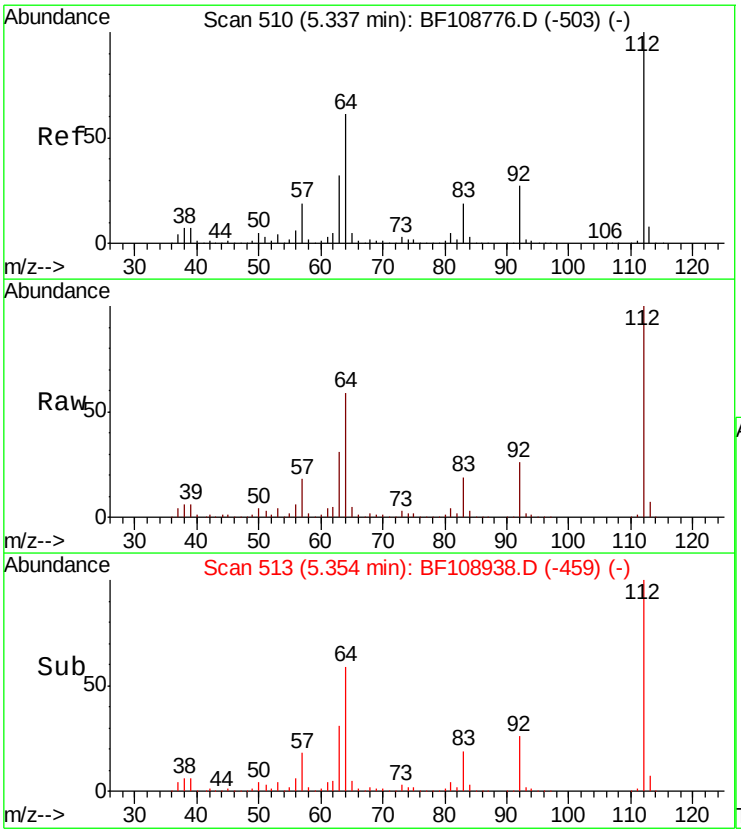
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 165330

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.4	50.1	75.1

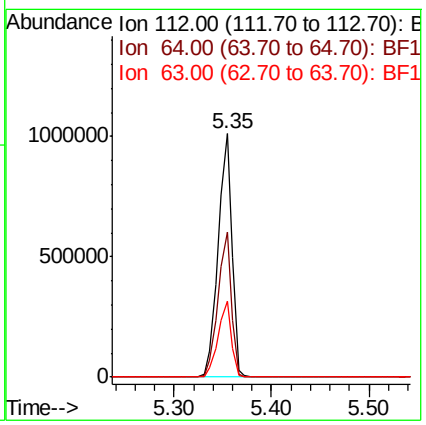


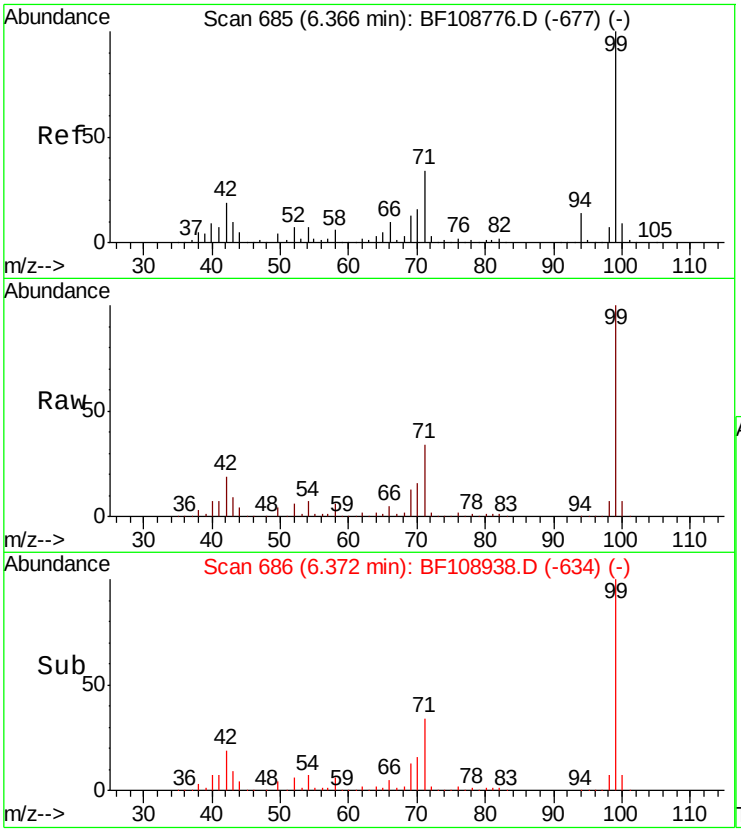


#5
2-Fluorophenol
Concen: 99.856 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:112 Resp: 996527

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	31.0	23.7	35.5



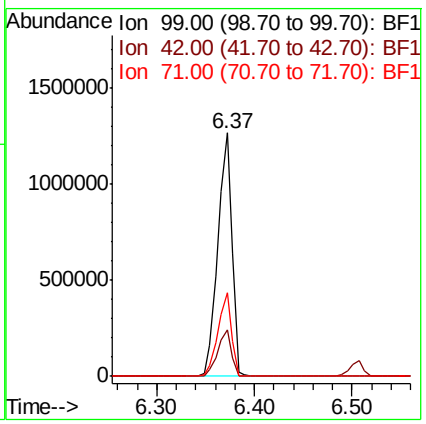


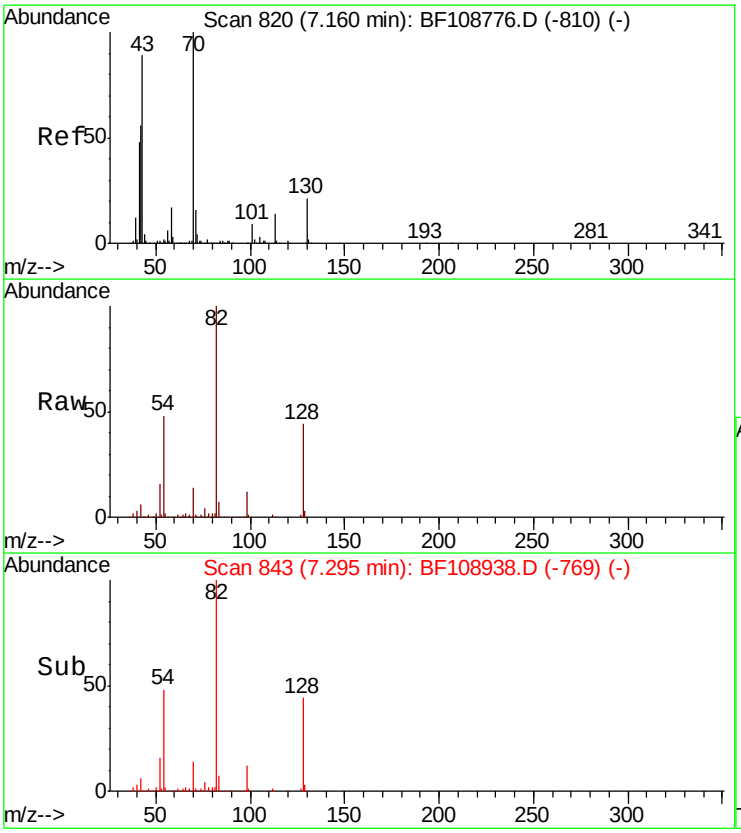
#7
Phenol-d6
Concen: 99.715 ng
RT: 6.37 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1280381

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.3	25.4	38.0

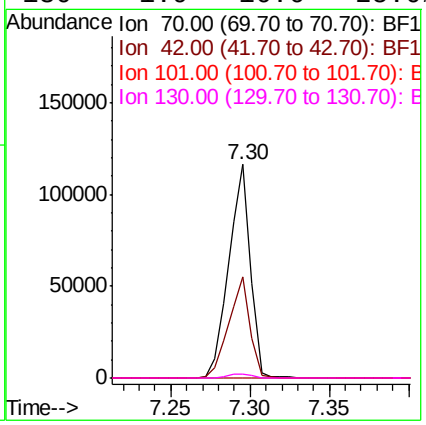


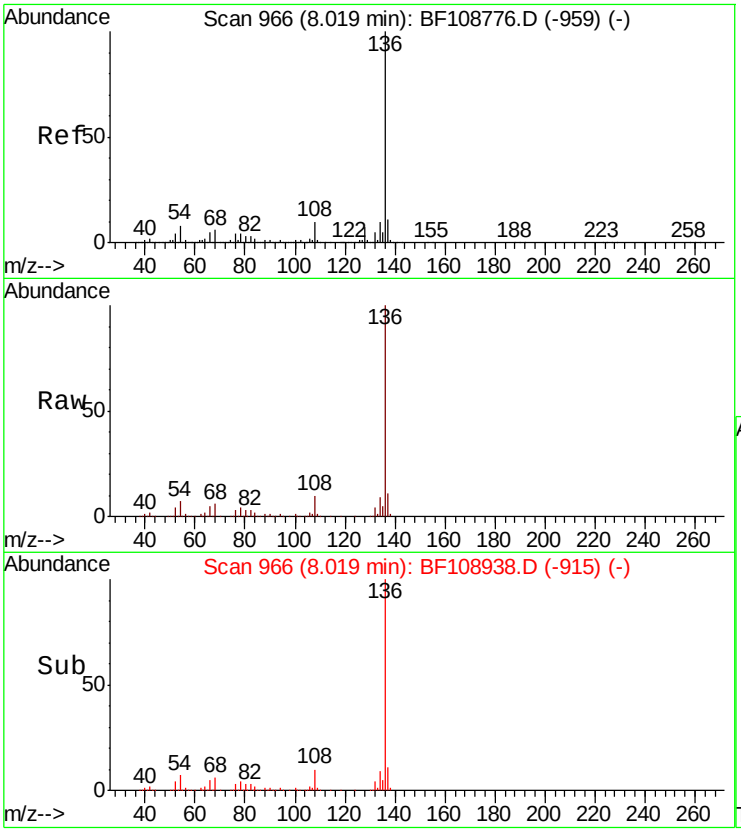


#19
n-Nitroso-di-n-propylamine
Concen: 12.268 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion: 70 Resp: 109498

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



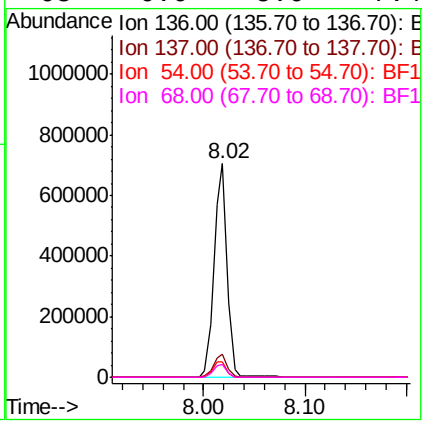


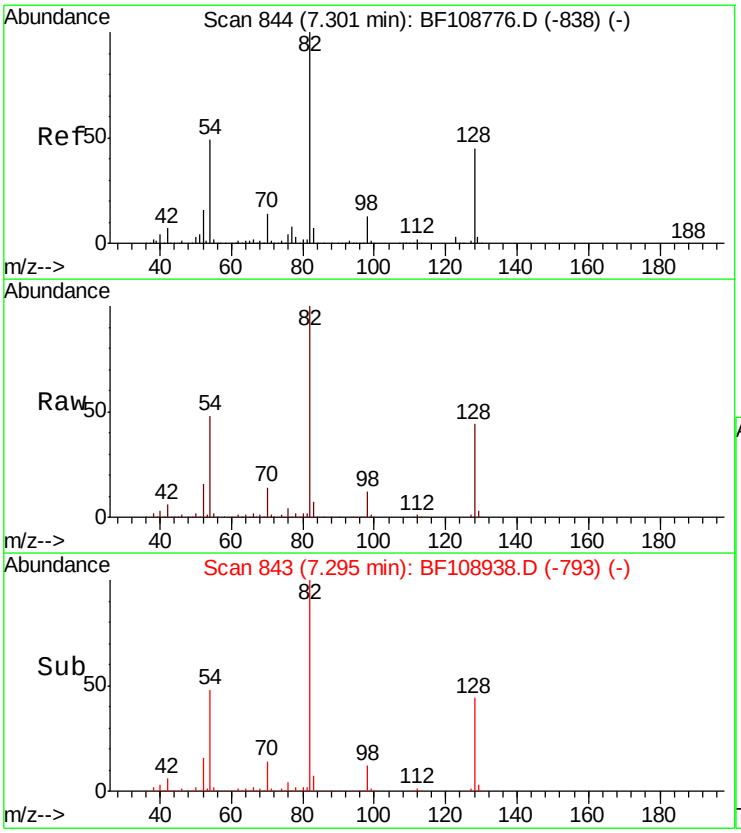
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 628131

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

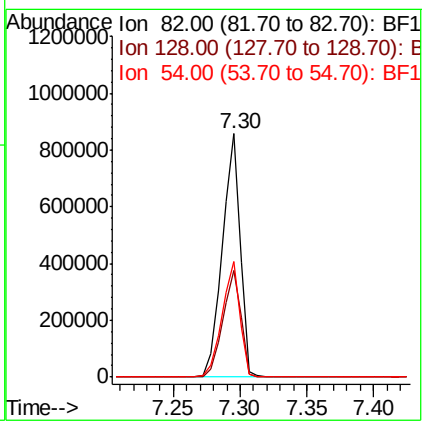


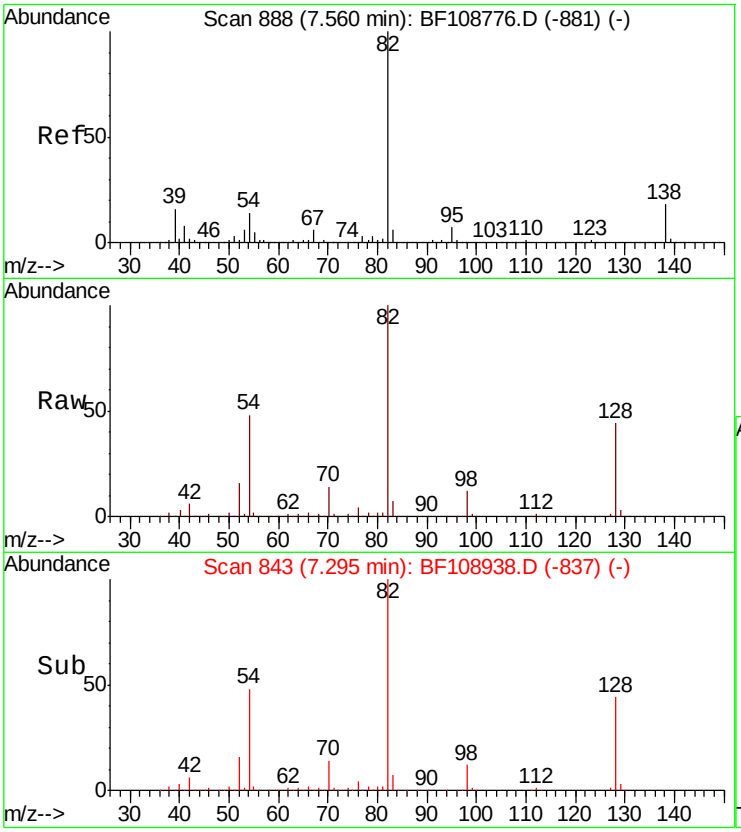


#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion: 82 Resp: 817077

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	47.5	41.4	62.2



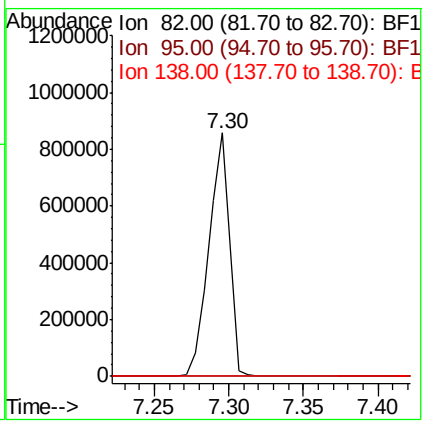


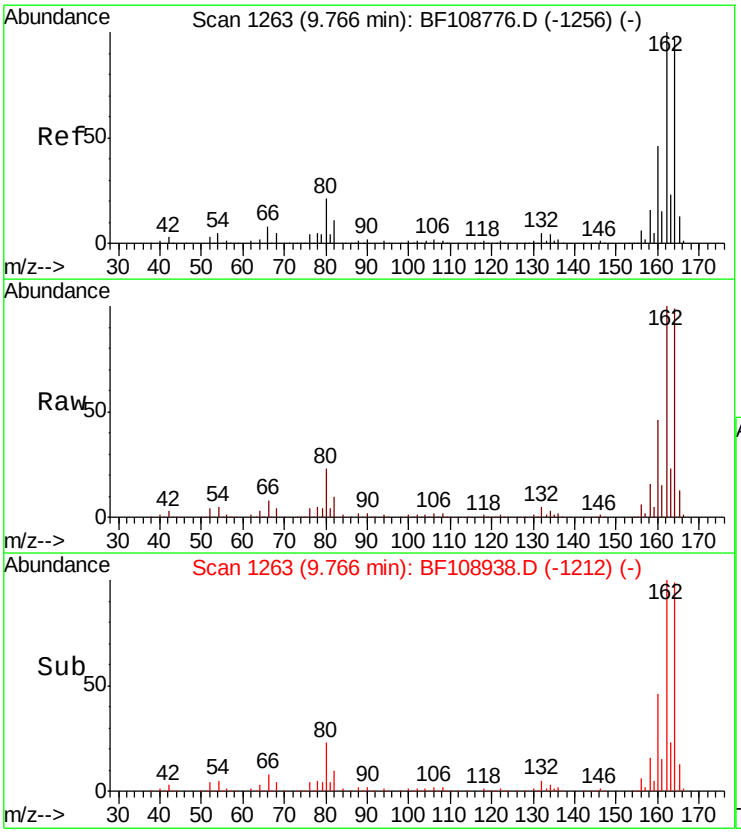
#25
Isophorone
Concen: 40.471 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 810270

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

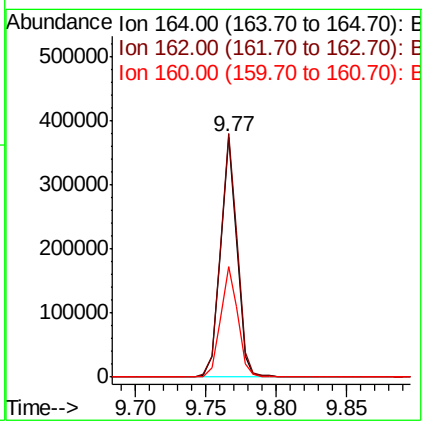


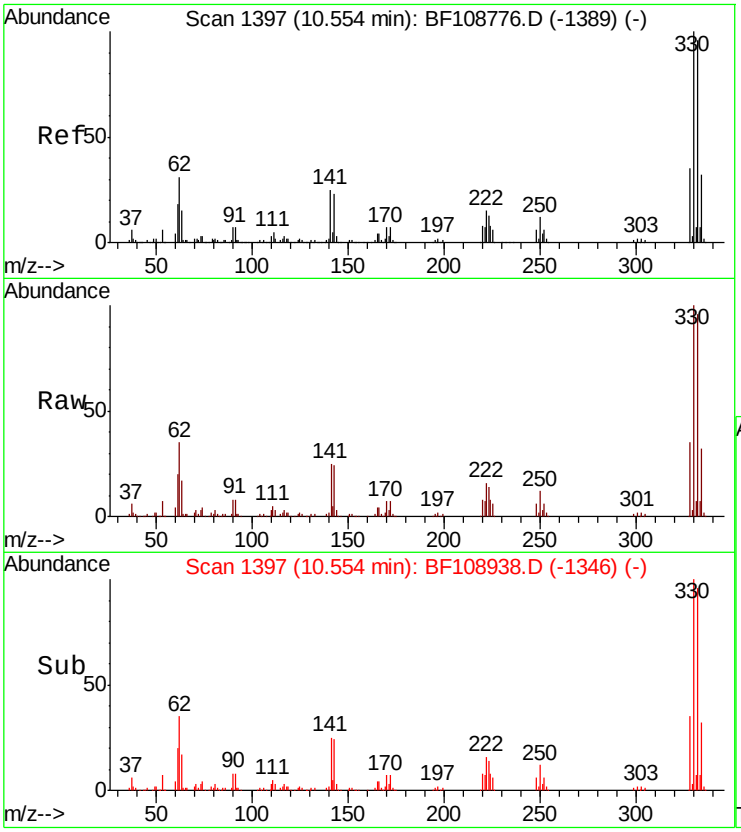


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:164 Resp: 301763

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.2	38.3	57.5



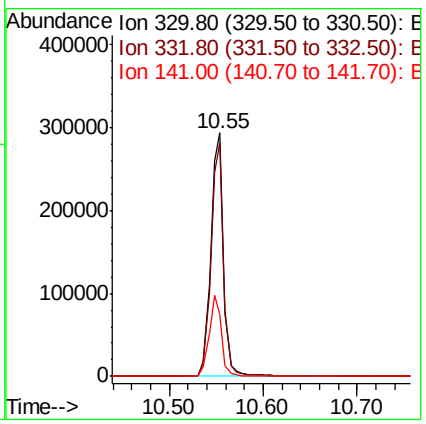


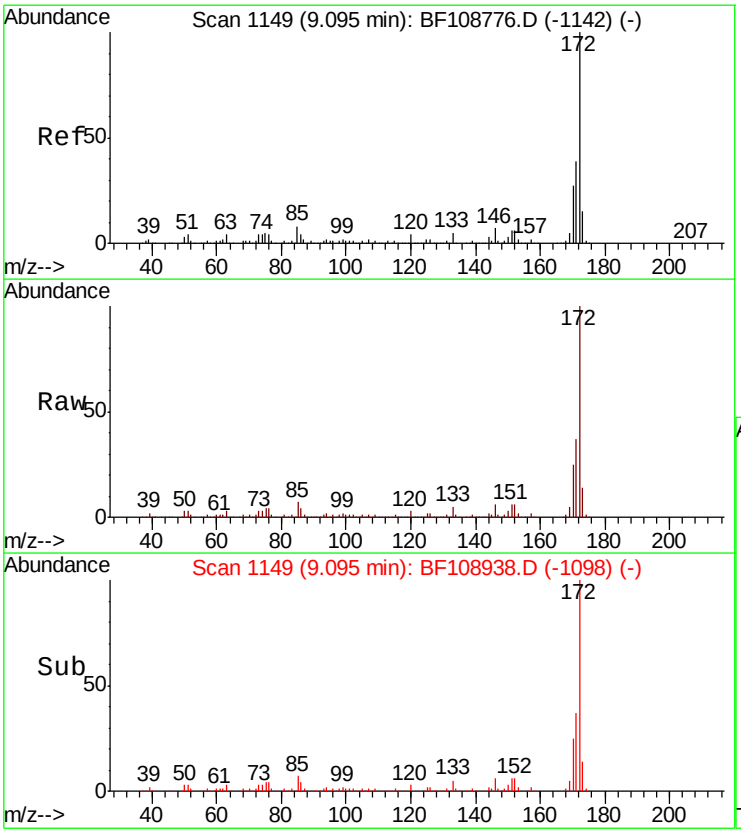
#41
2,4,6-Tribromophenol
Concen: 98.155 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 282763

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.3	29.9	44.9

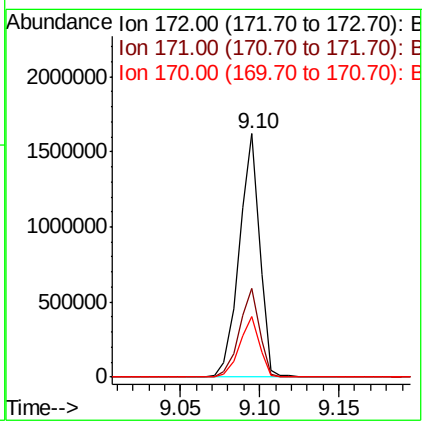


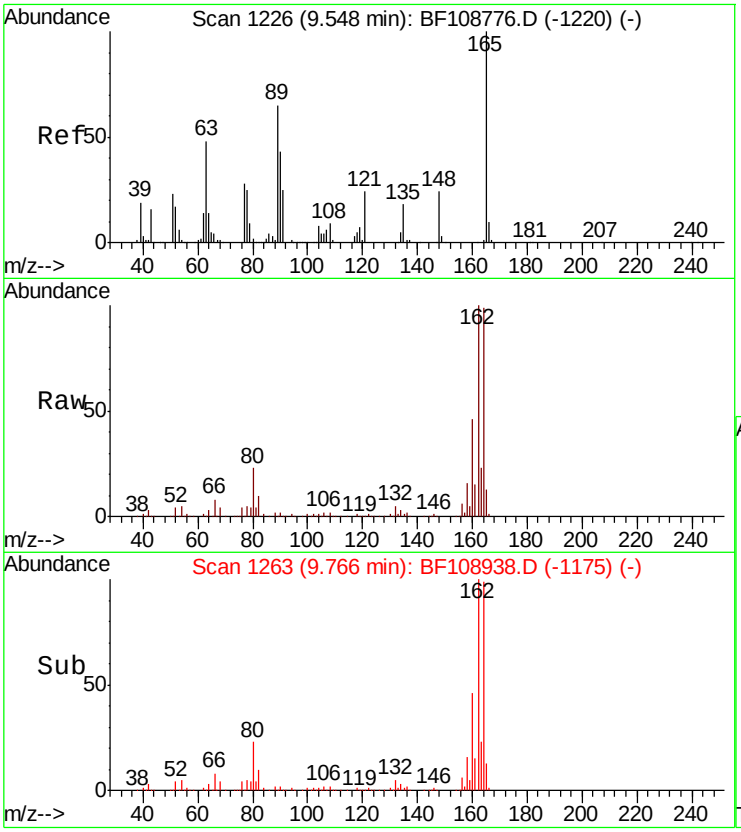


#44
2-Fluorobiphenyl
Concen: 81.607 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:172 Resp: 1443503

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.0	19.6	29.4



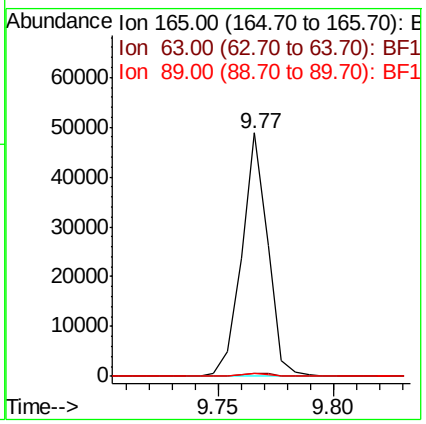


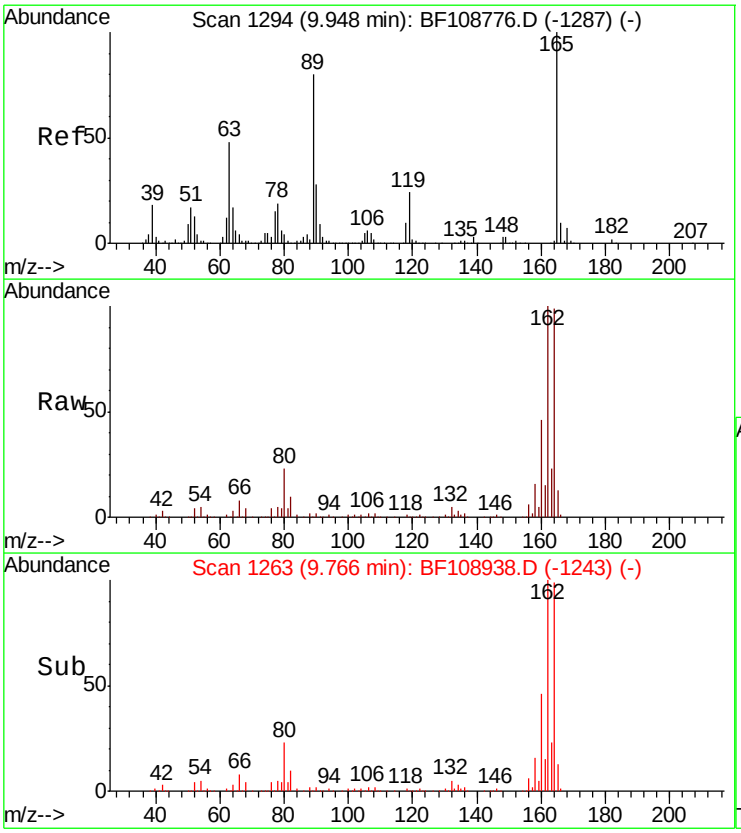
#50
2,6-Dinitrotoluene
Concen: 9.541 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38373

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#

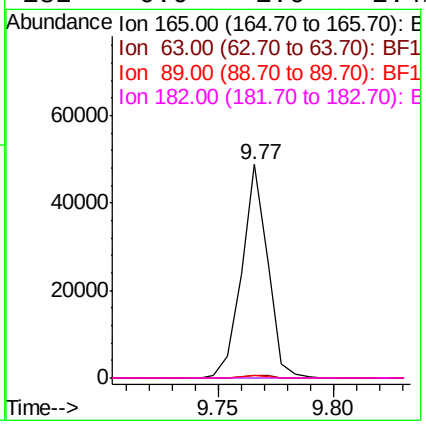


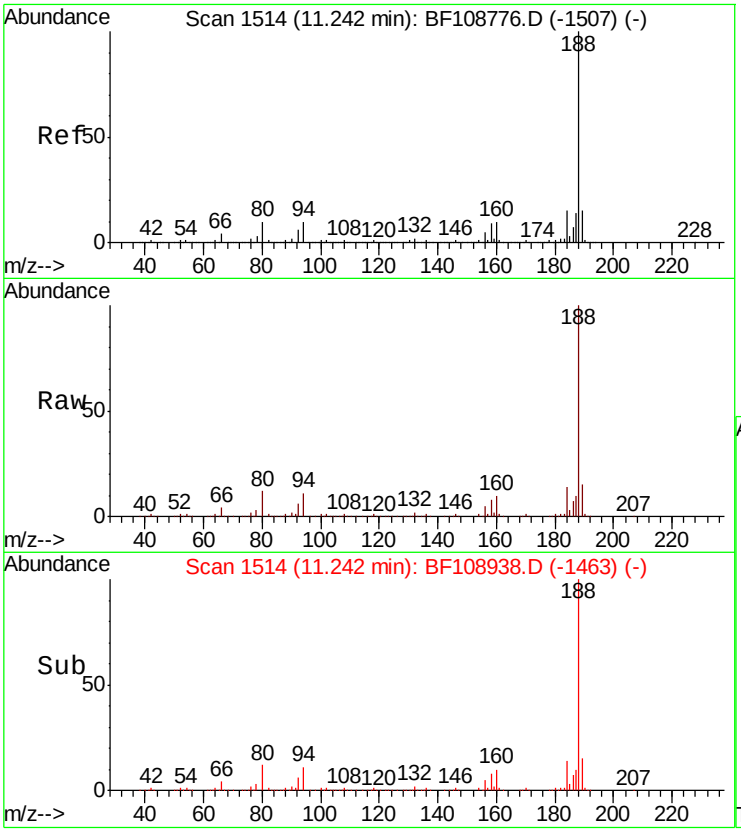


#56
2,4-Dinitrotoluene
Concen: 7.461 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:165 Resp: 38373

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



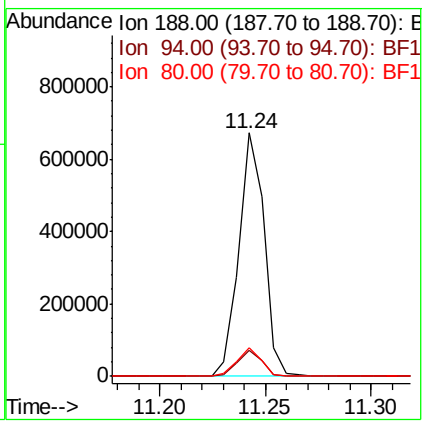


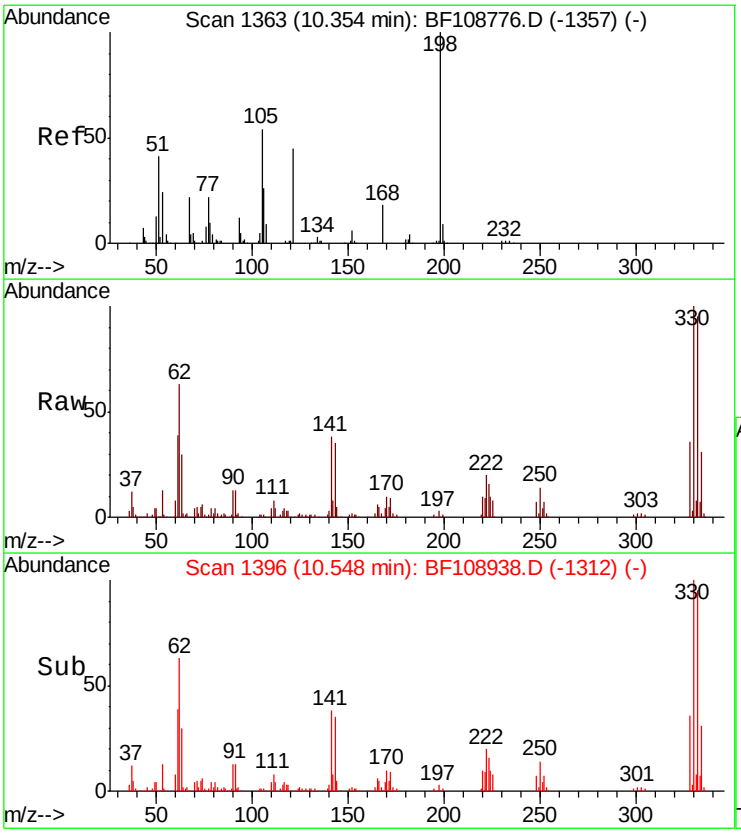
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 559110

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8

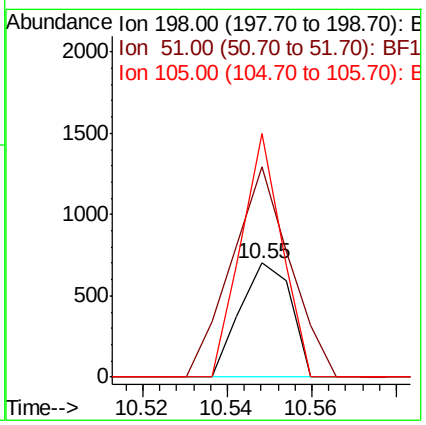


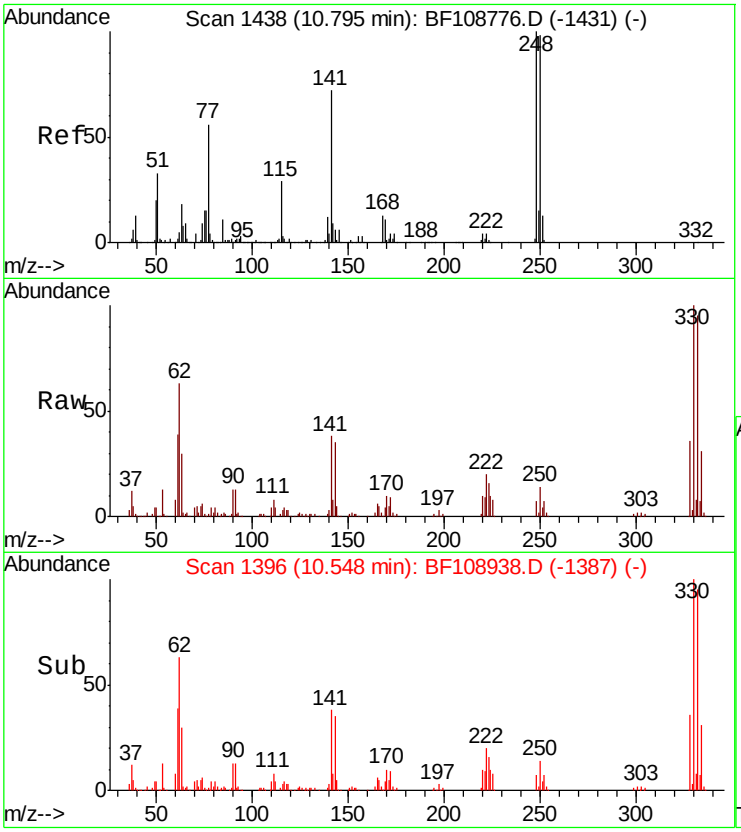


#64
4,6-Dinitro-2-methylphenol
Concen: 7.099 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:198 Resp: 591

Ion	Ratio	Lower	Upper
198	100		
51	184.4	37.7	77.7#
105	213.1	36.3	76.3#



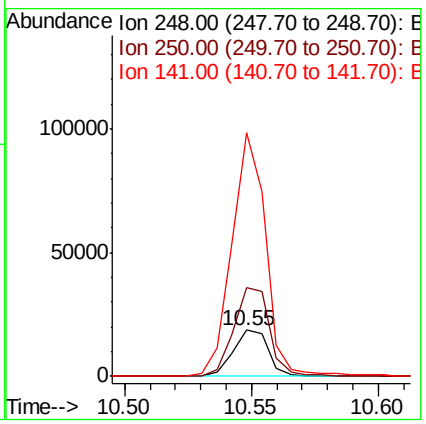


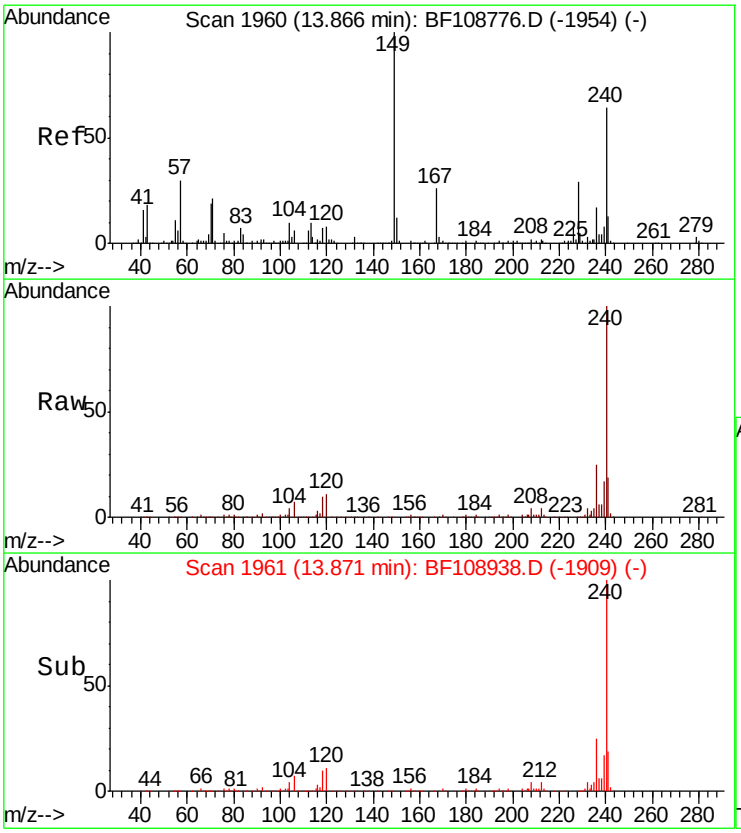
#66
4-Bromophenyl-phenylether
Concen: 2.844 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17957

Ion	Ratio	Lower	Upper
248	100		
250	193.4	76.9	115.3#
141	529.7	74.4	111.6#

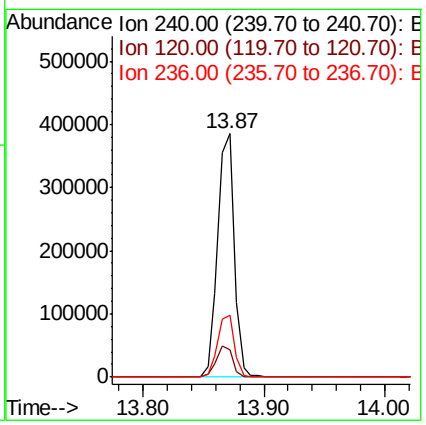


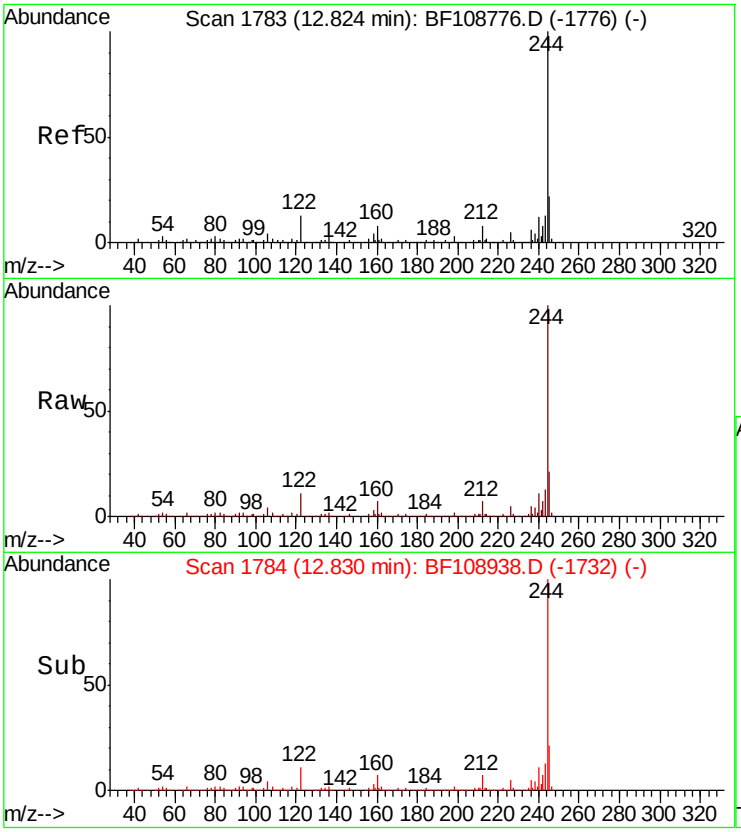


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:240 Resp: 364345

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.3	20.7	31.1



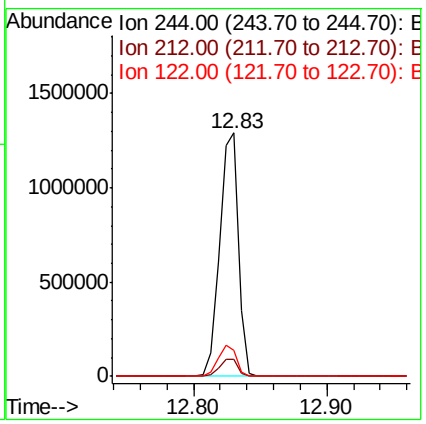


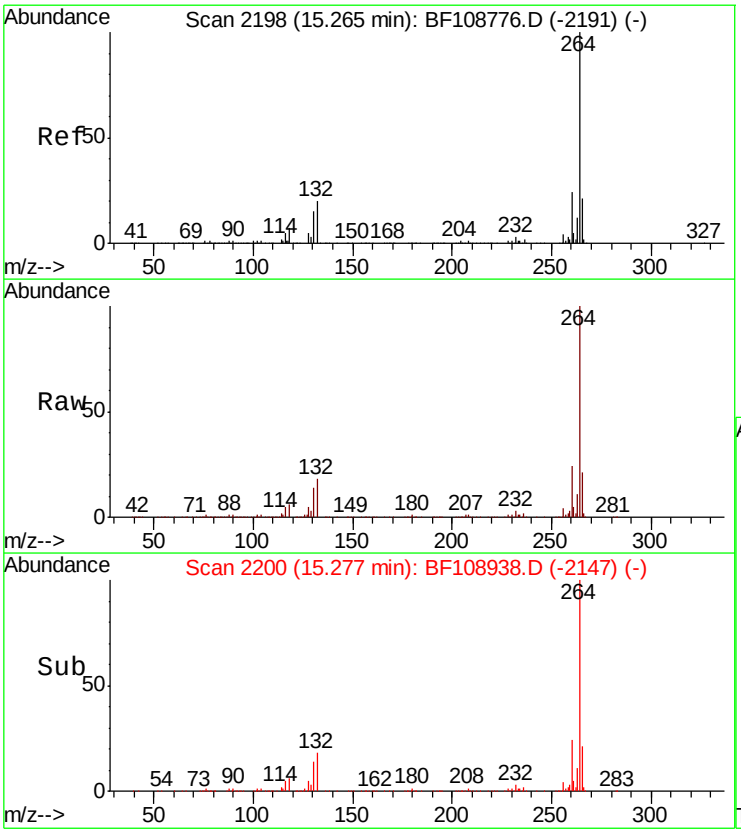
#78
Terphenyl-d14
Concen: 82.255 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1285178

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108938.D
Acq: 11 Sep 2018 16:34

Tgt Ion:264 Resp: 400516

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3