Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109410.D
Acq On : 28 Sep 2018 3:04
Operator : JU/SJ
Sample : J5076-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 092418-SIDI-F-D-S

Quant Time: Sep 28 05:17:07 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	106858	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403564	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	178343	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	282182	20.00	ng	0.00
75) Chrysene-d12	13.84	240	250583	20.00	ng	0.00
86) Perylene-d12	15.24	264	190918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	268633	41.41	ng	0.00
7) Phenol-d6	6.34	99	215671	26.05	ng	-0.02
23) Nitrobenzene-d5	7.27	82	701516	102.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	147618	83.96	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1168127	98.78	ng	0.00
78) Terphenyl-d14	12.80	244	974937	95.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11296	2.124	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	93511	17.238	ng	# 77
25) Isophorone	7.27	82	674610	54.799	ng	# 64
49) Dimethylphthalate	9.46	163	51183	3.946	ng	100
50) 2,6-Dinitrotoluene	9.73	165	22245	8.659	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	22245	6.843	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	282	6.735	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9363	2.988	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109410.D
Acq On : 28 Sep 2018 3:04
Operator : JU/SJ
Sample : J5076-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Quant Time: Sep 28 05:17:07 2018
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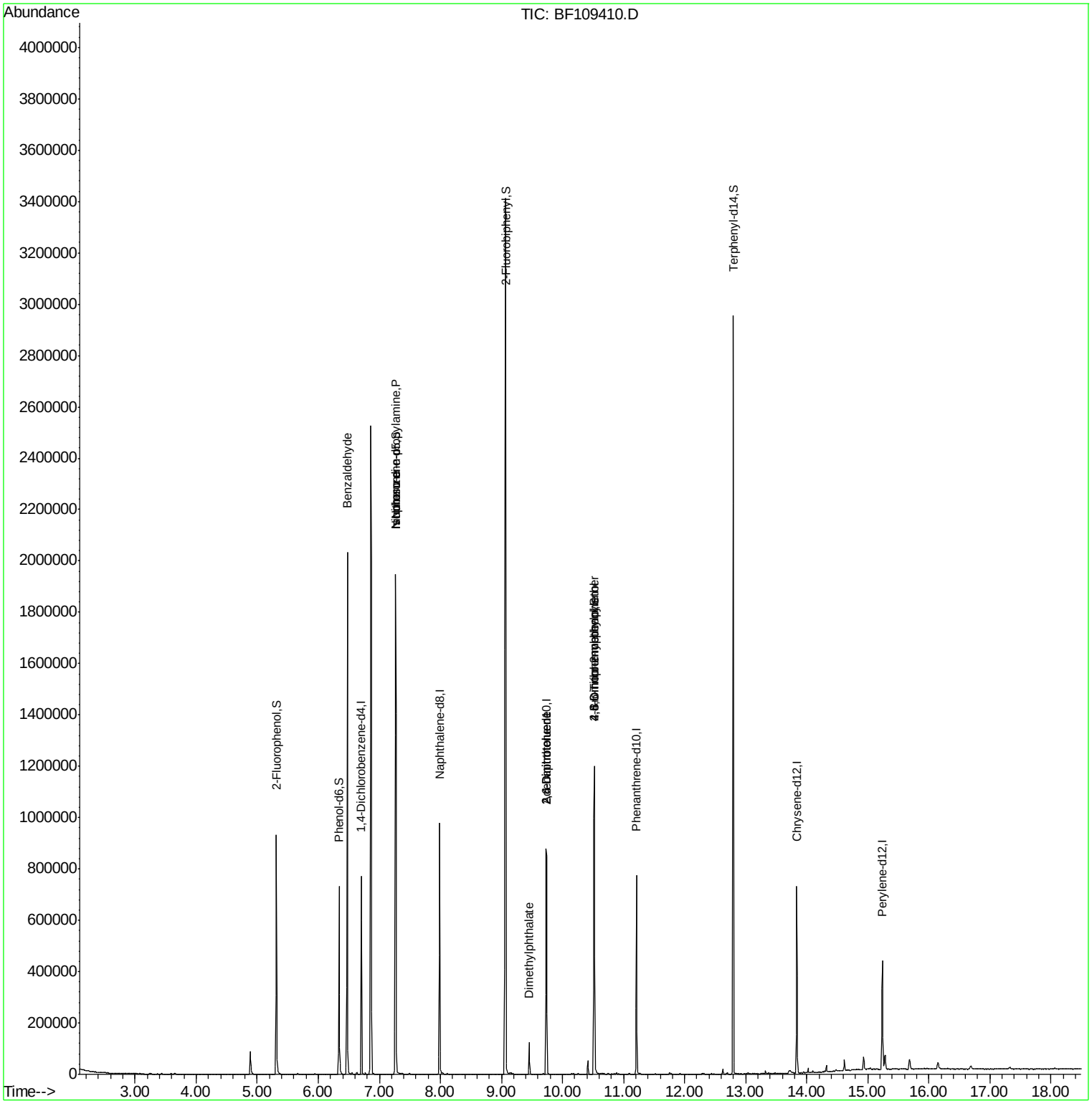
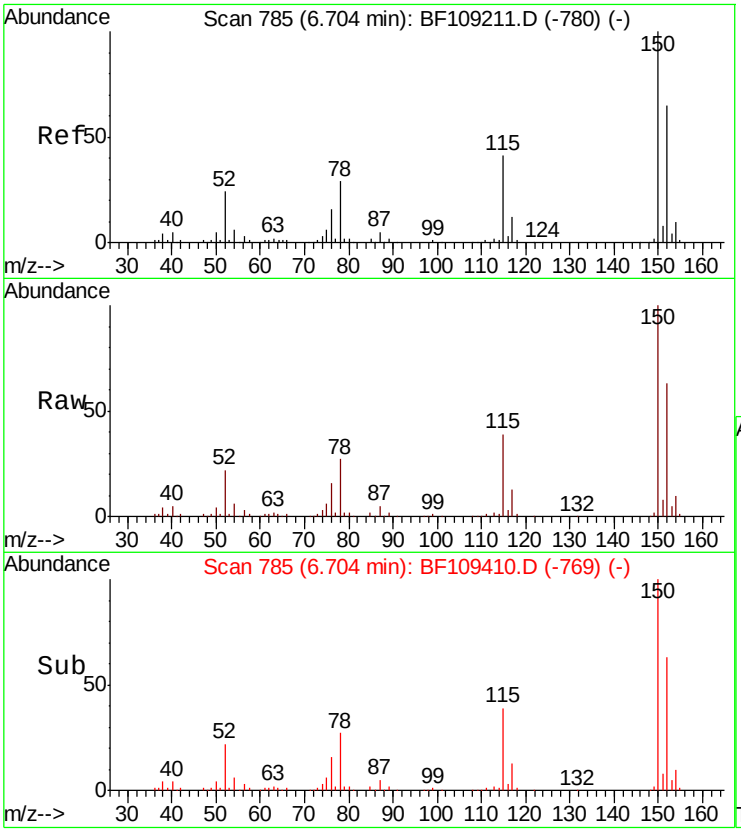
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



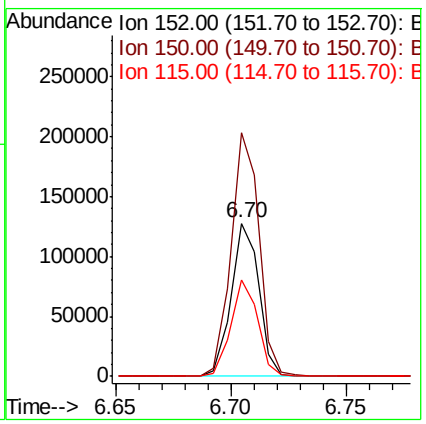


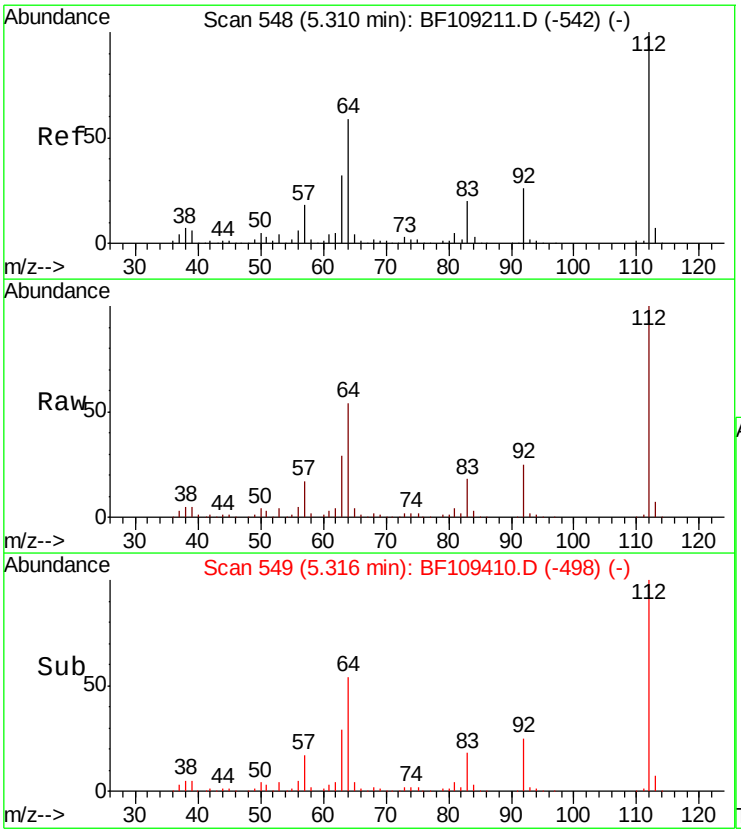
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:152 Resp: 106858

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.9	50.1	75.1

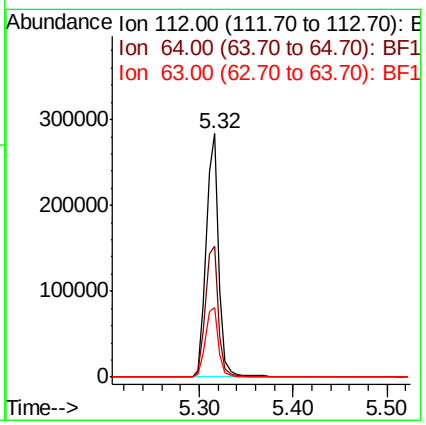


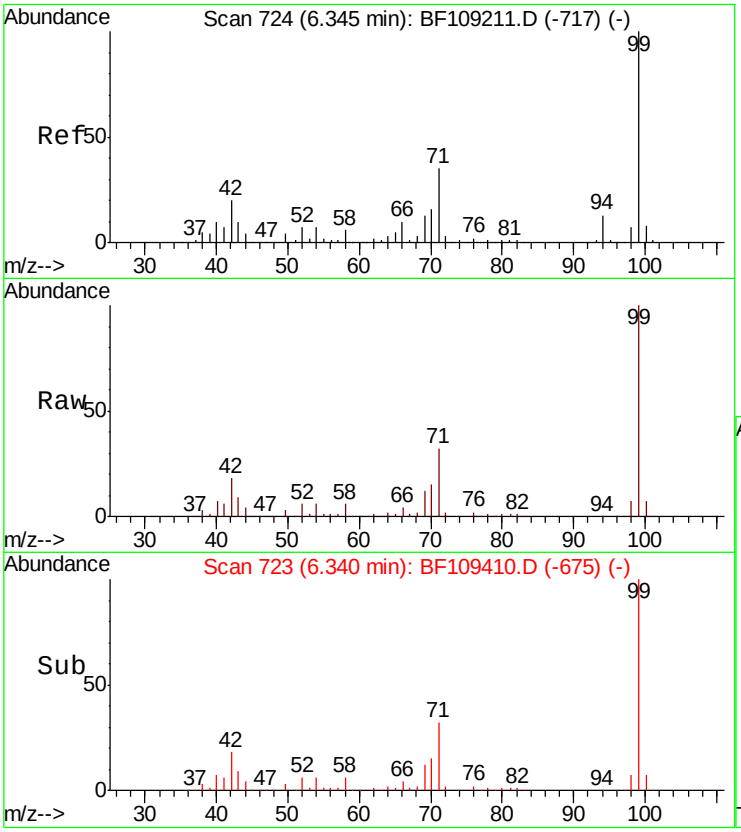


#5
2-Fluorophenol
Concen: 41.406 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:112 Resp: 268633

Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	28.7	23.7	35.5



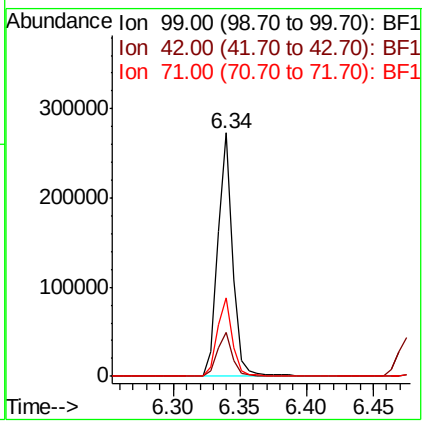


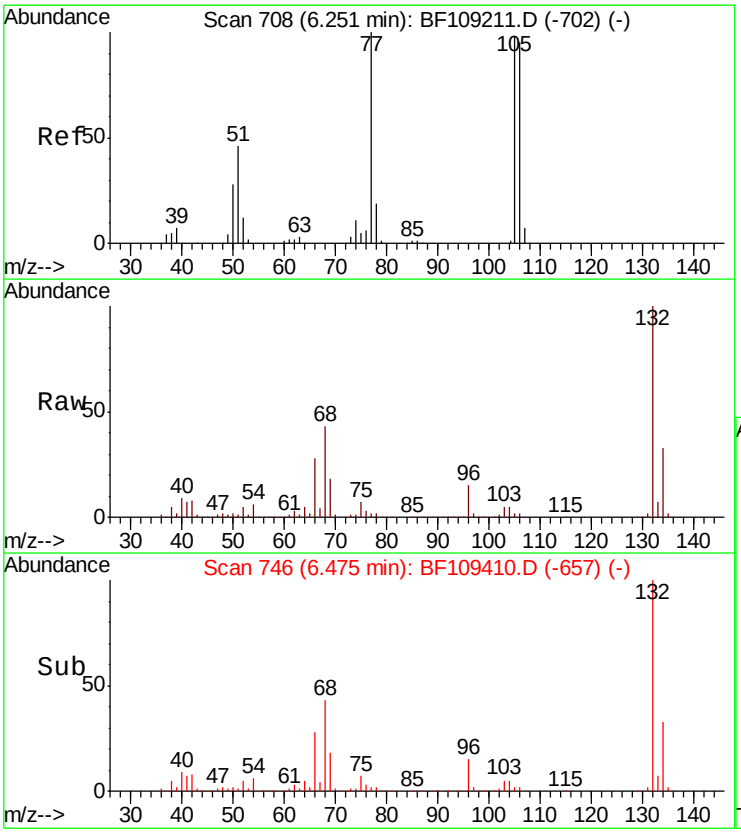
#7
Phenol-d6
Concen: 26.052 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion: 99 Resp: 215671

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	32.3	25.4	38.0

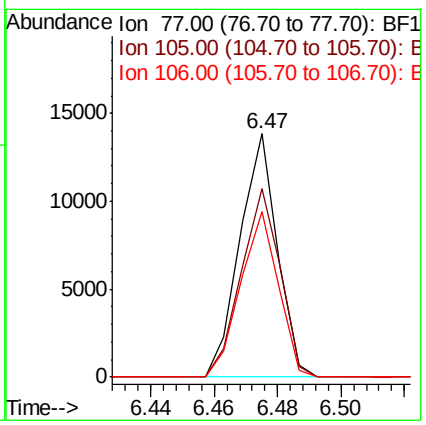


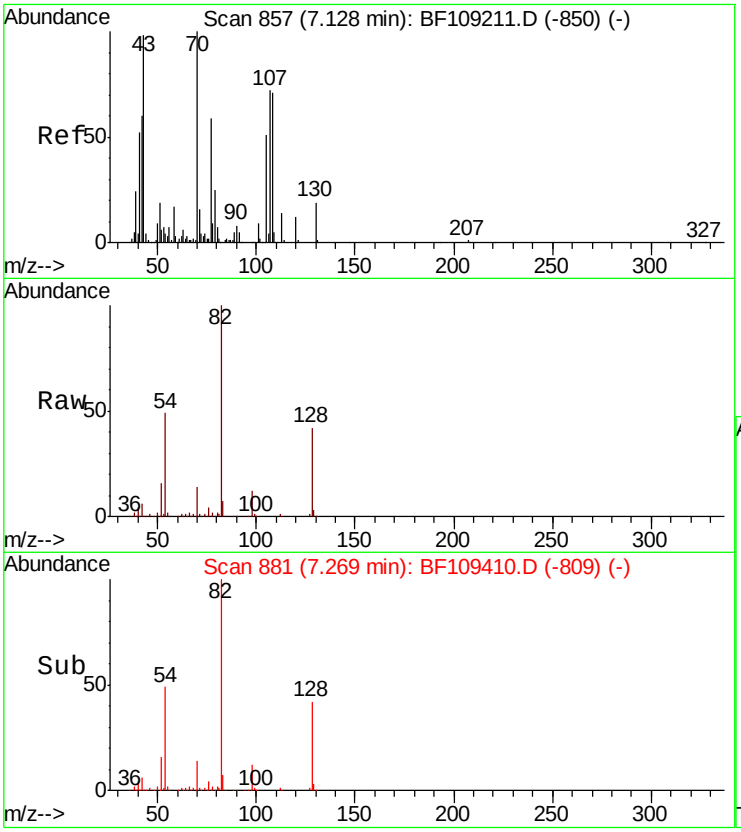


#9
Benzaldehyde
Concen: 2.124 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion: 77 Resp: 11296

Ion	Ratio	Lower	Upper
77	100		
105	77.2	81.1	121.1#
106	67.8	74.5	114.5#



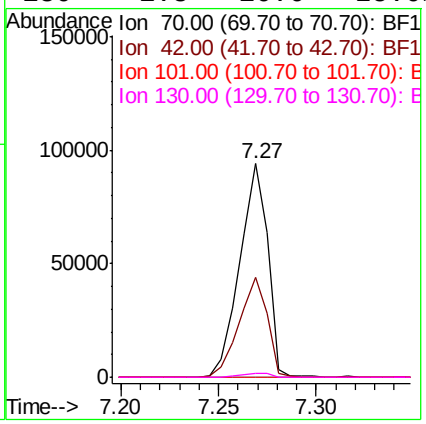


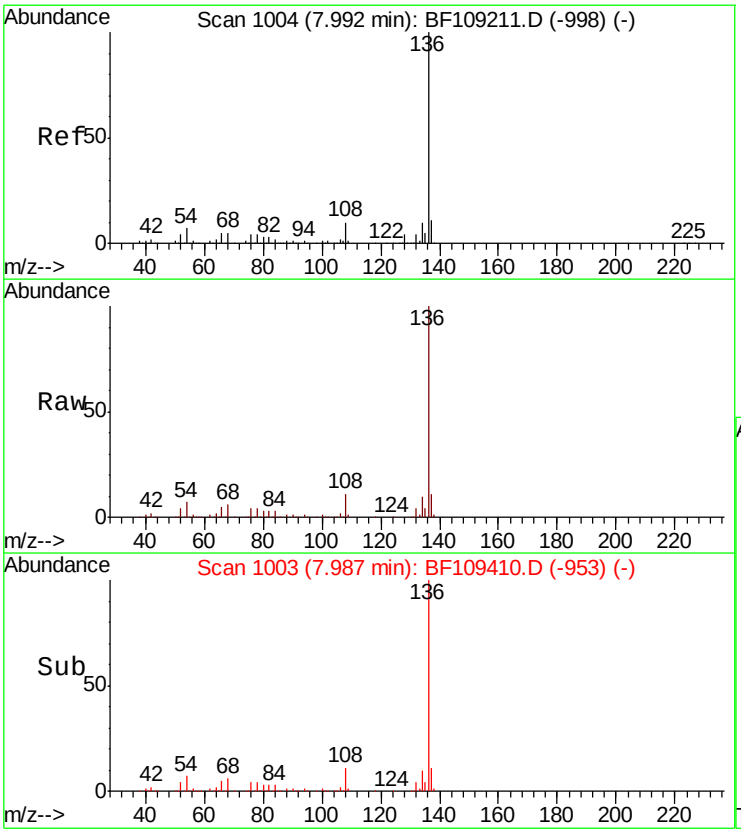
#19
n-Nitroso-di-n-propylamine
Concen: 17.238 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion: 70 Resp: 93511

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

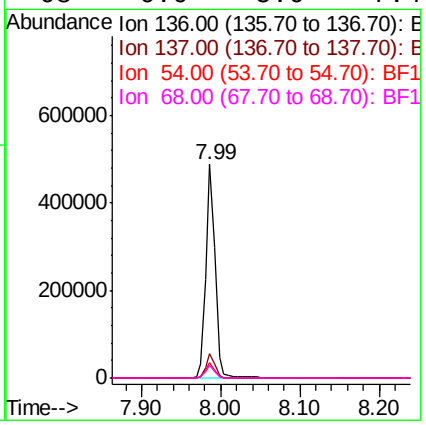


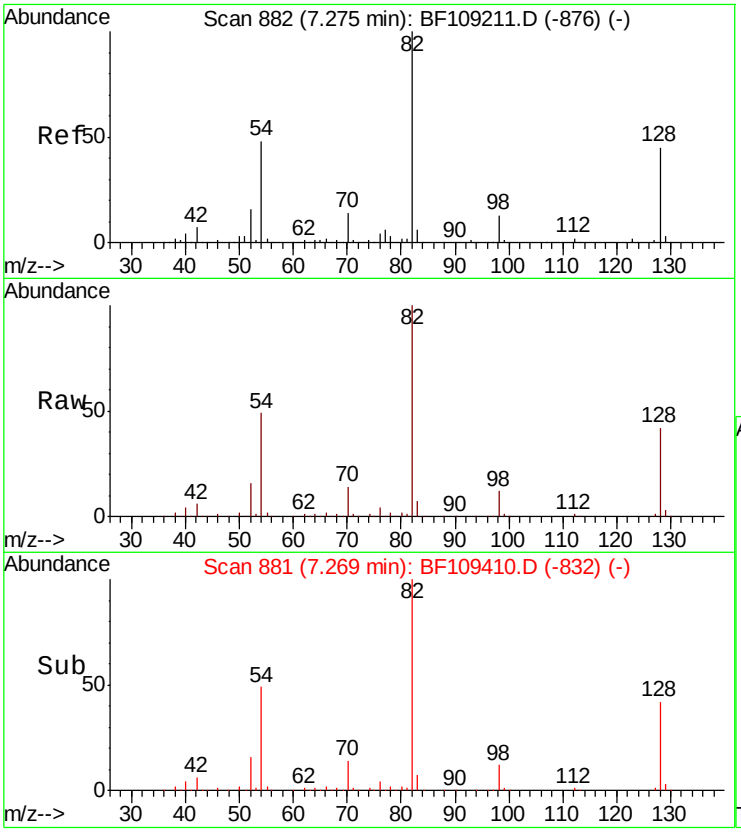


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:136 Resp: 403564

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4



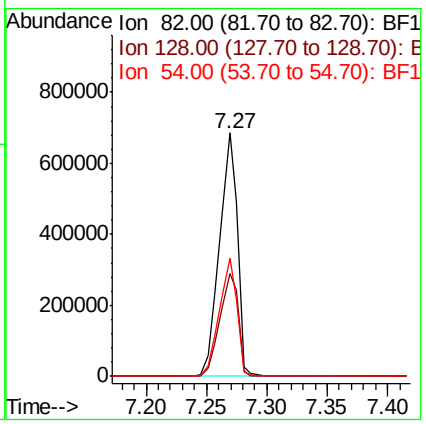


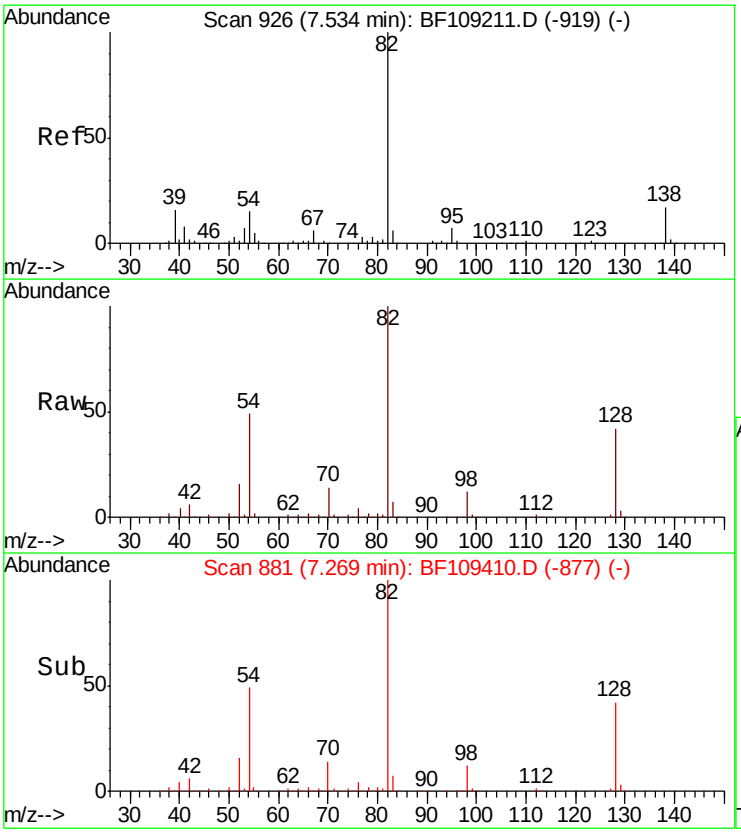
#23
Nitrobenzene-d5
Concen: 102.615 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion: 82 Resp: 701516

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	48.7	41.4	62.2

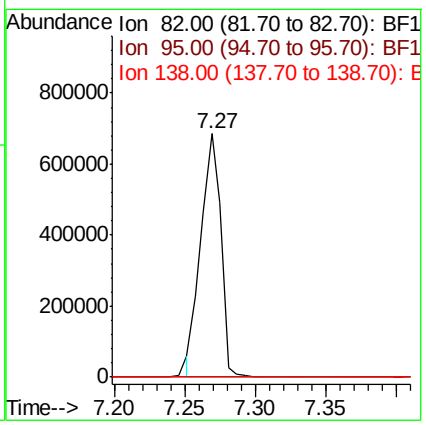


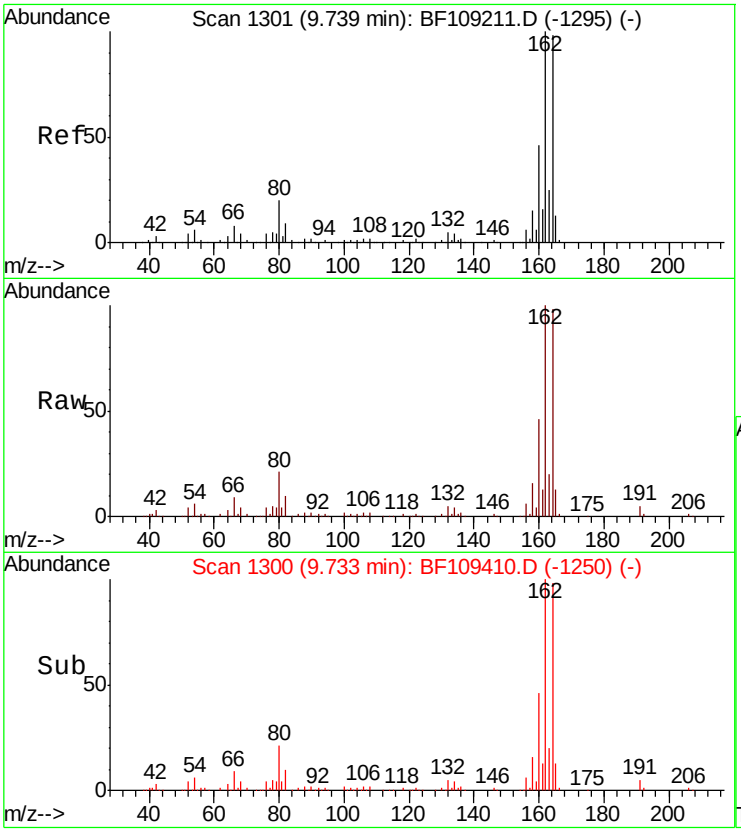


#25
Isophorone
Concen: 54.799 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion: 82 Resp: 674610

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



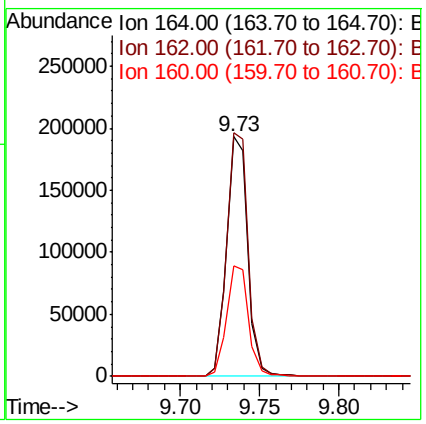


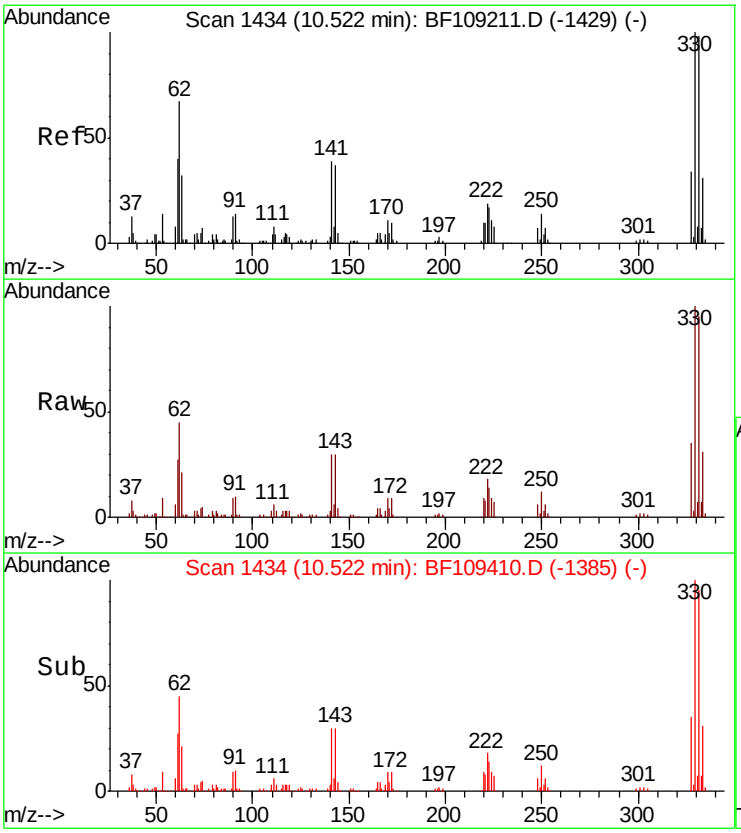
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:164 Resp: 178343

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.4	38.3	57.5

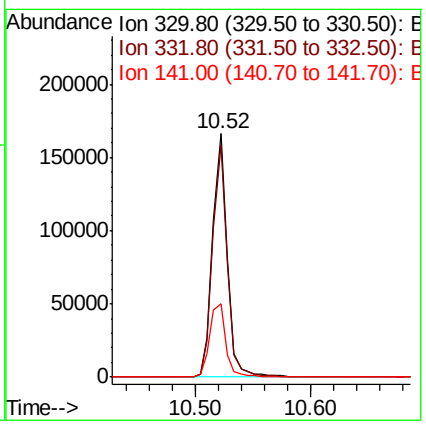


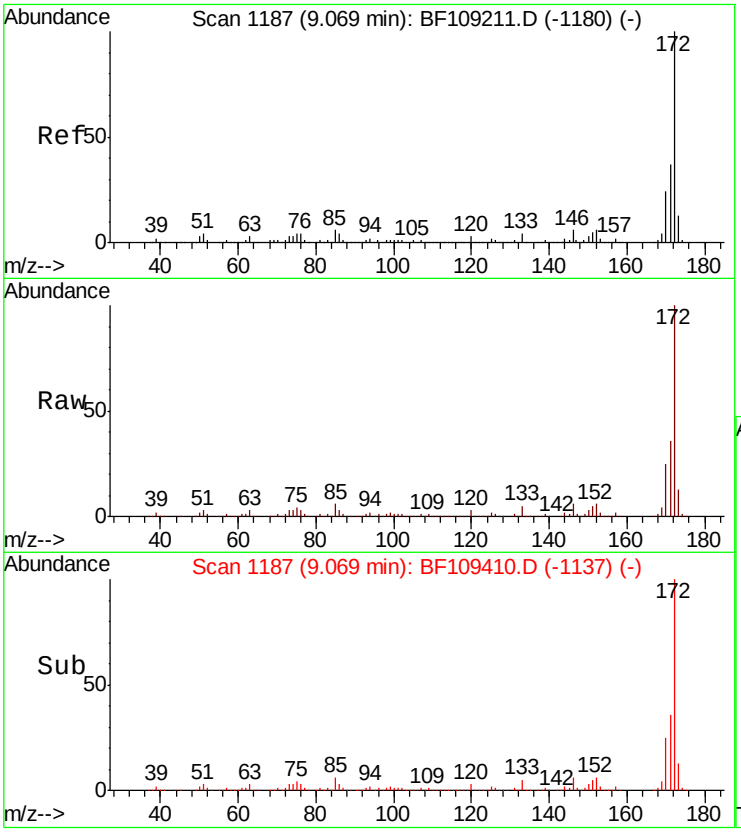


#41
2,4,6-Tribromophenol
Concen: 83.965 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:330 Resp: 147618

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.6	29.9	44.9



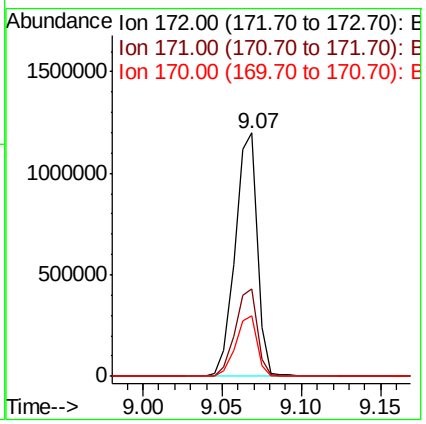


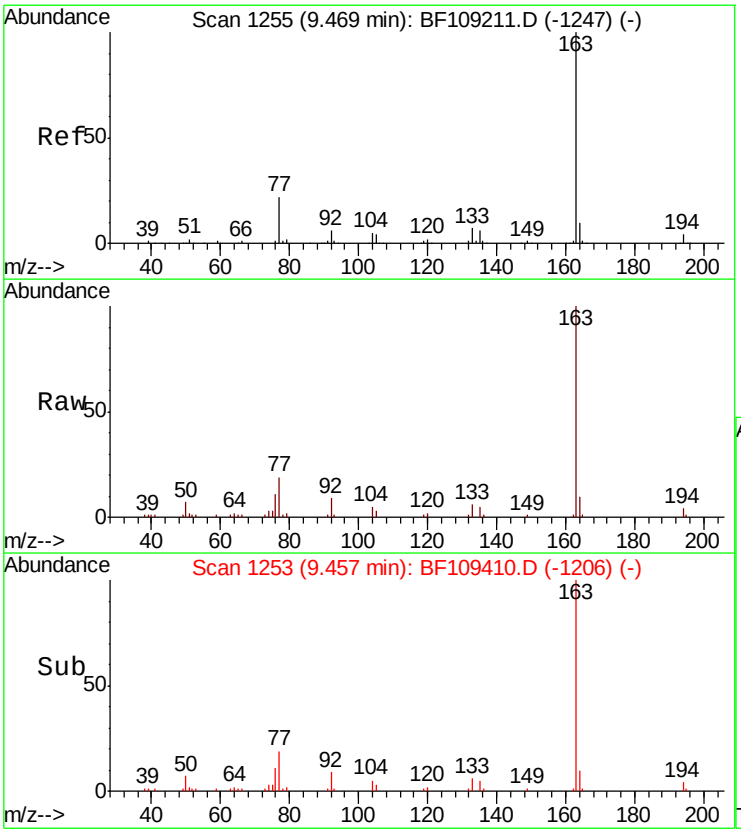
#44
2-Fluorobiphenyl
Concen: 98.785 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:172 Resp: 1168127

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.7	19.6	29.4

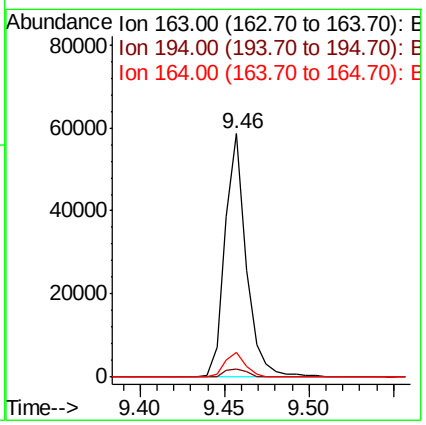


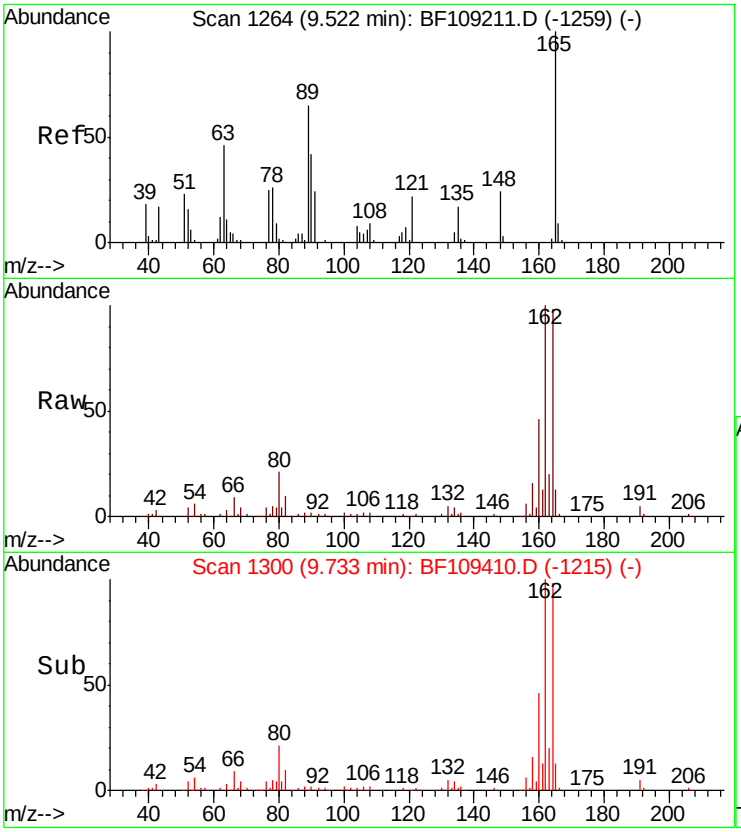


#49
Dimethylphthalate
Concen: 3.946 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:163 Resp: 51183

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2



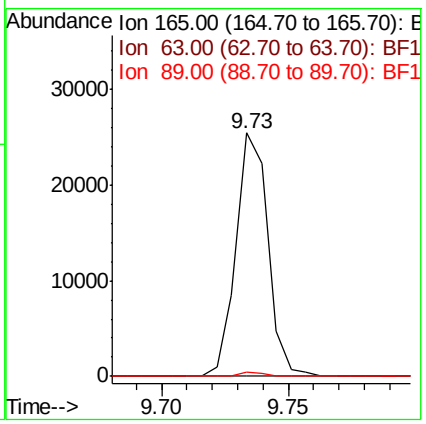


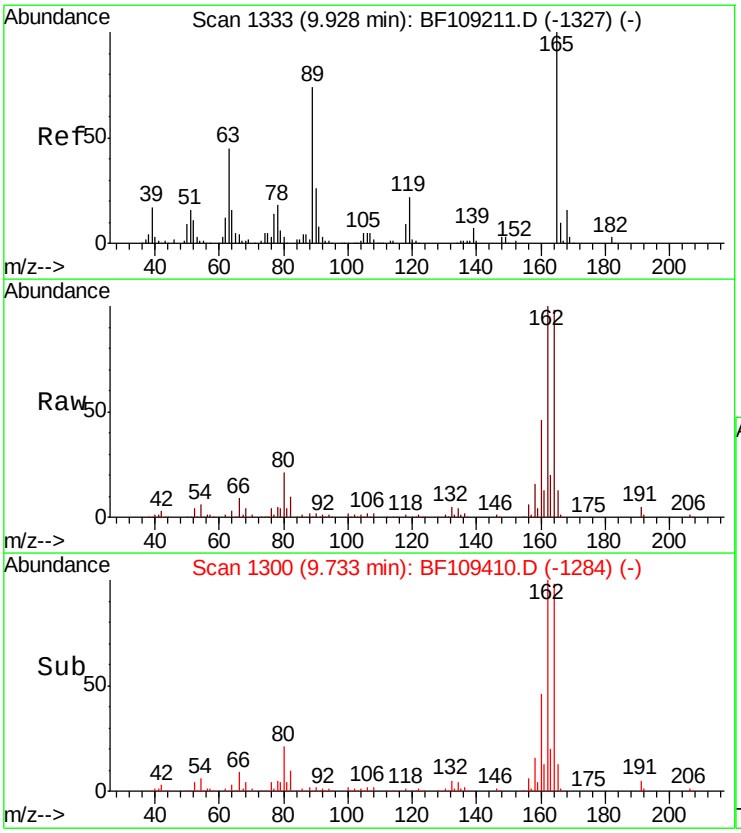
#50
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:165 Resp: 22245

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#

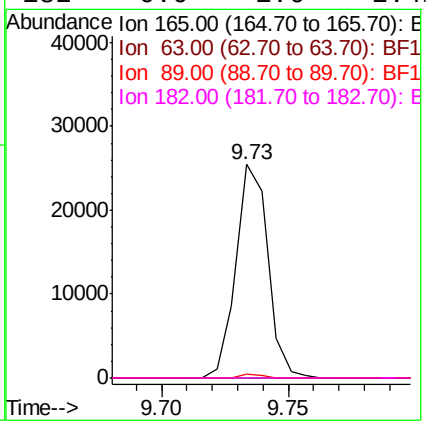


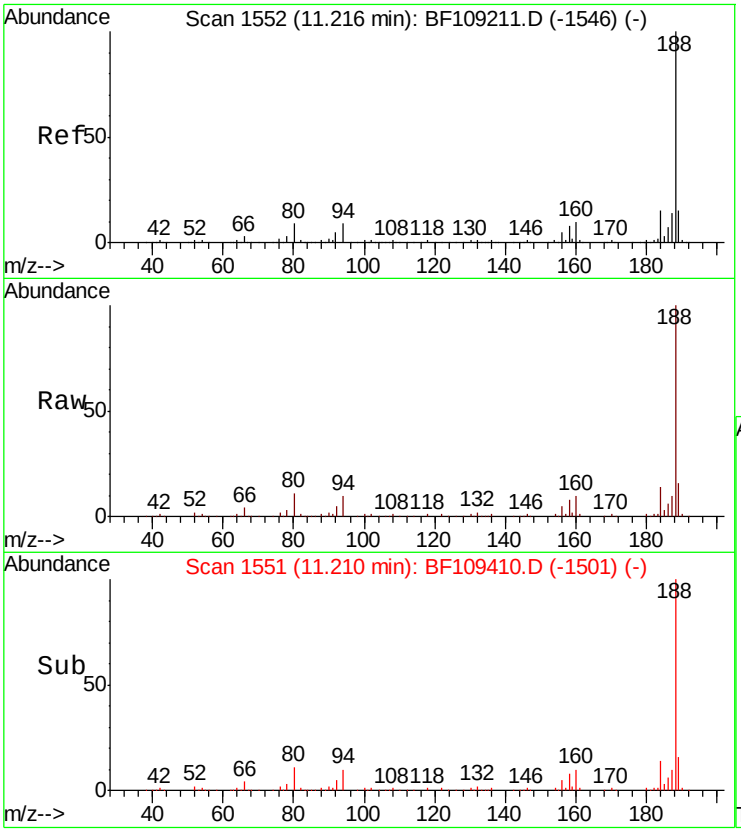


#56
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:165 Resp: 22245

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



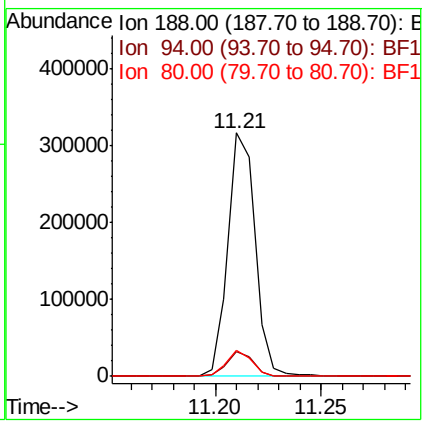


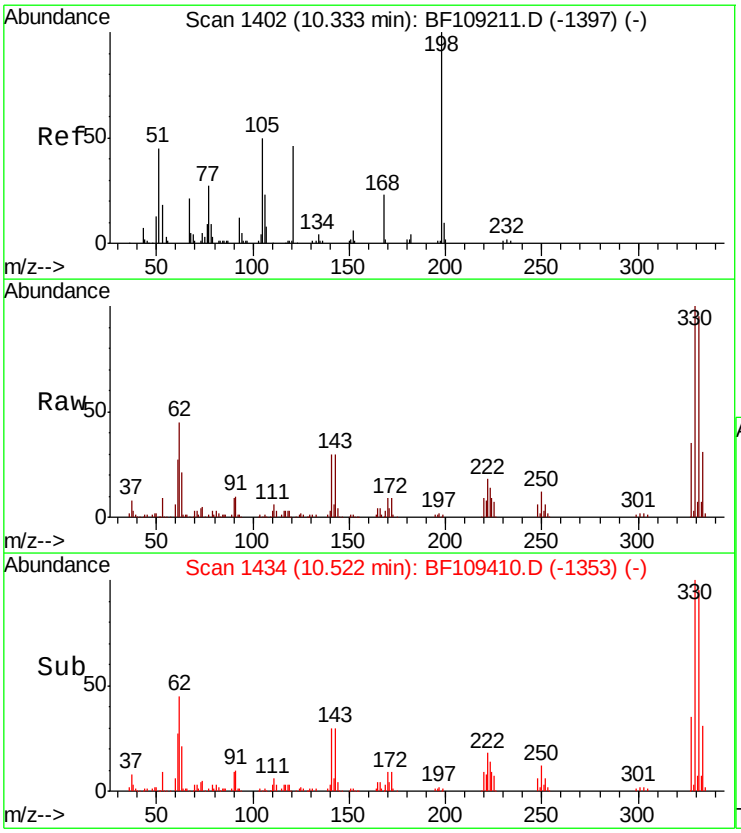
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:188 Resp: 282182

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

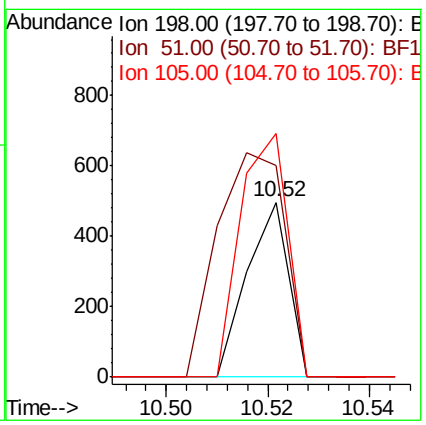


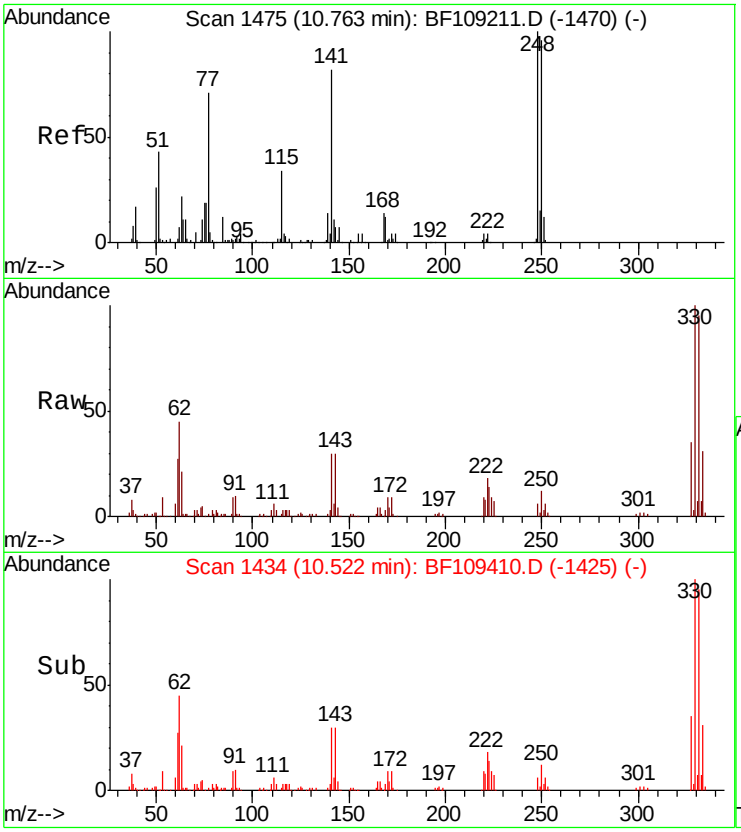


#64
4,6-Dinitro-2-methylphenol
Concen: 6.735 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:198 Resp: 282

Ion	Ratio	Lower	Upper
198	100		
51	120.7	37.7	77.7#
105	139.2	36.3	76.3#



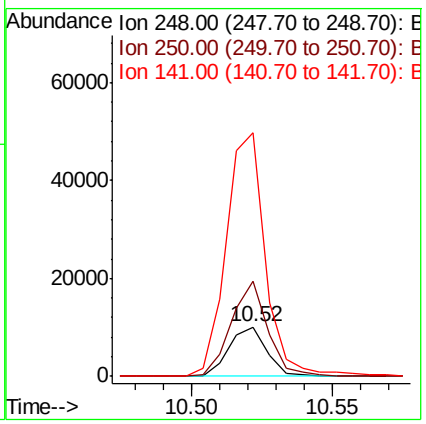


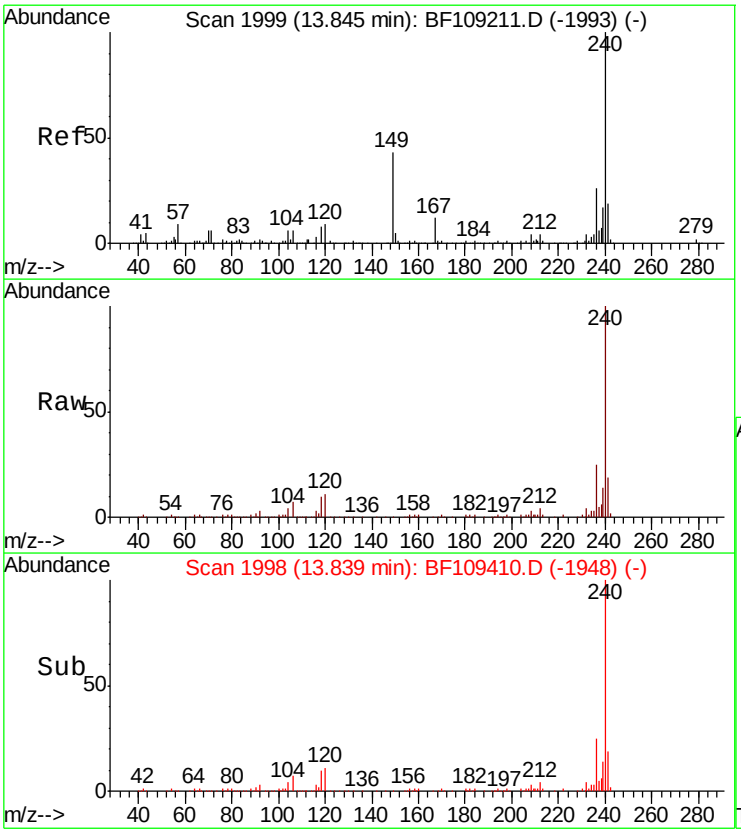
#66
4-Bromophenyl-phenylether
Concen: 2.988 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:248 Resp: 9363

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.9	115.3#
141	491.3	74.4	111.6#

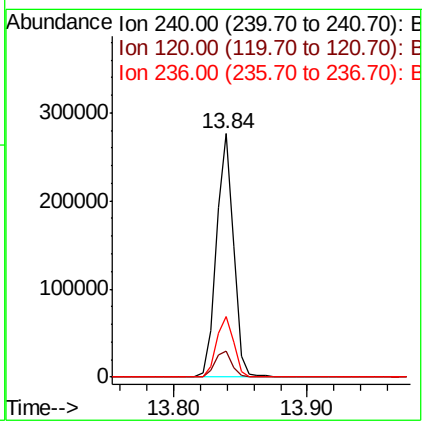


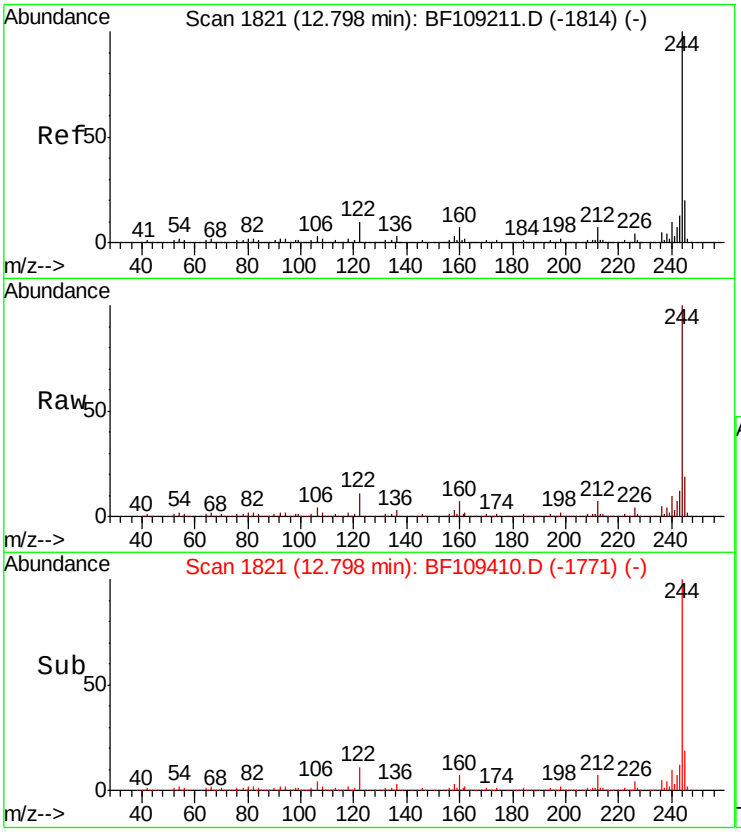


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:240 Resp: 250583

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	24.8	20.7	31.1



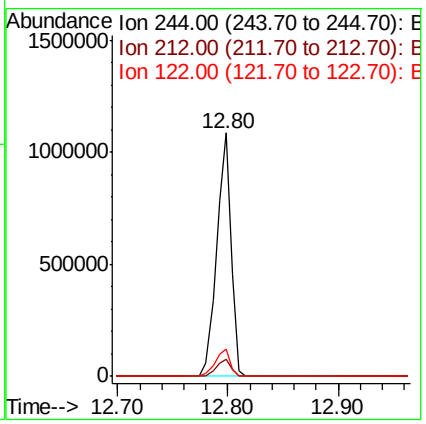


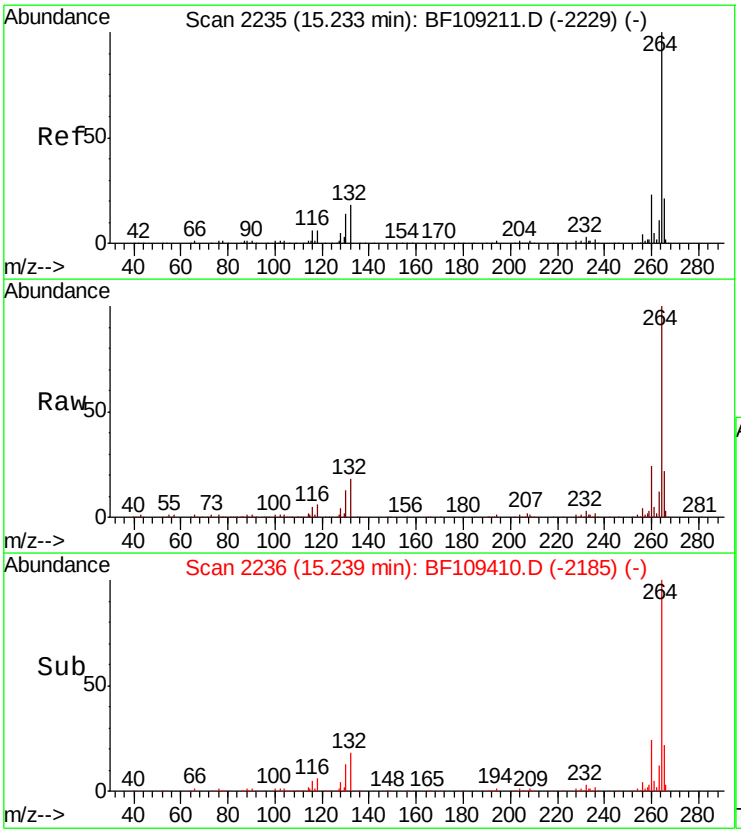
#78
Terphenyl-d14
Concen: 95.484 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:244 Resp: 974937

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	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: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:264 Resp: 190918

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	17.5	26.3