Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109416.D
Acq On : 28 Sep 2018 5:44
Operator : JU/SJ
Sample : J5076-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 092418-TIPC-F-U-B

Quant Time: Sep 28 07:09:58 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	116233	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	444772	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	198842	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	320610	20.00	ng	0.00
75) Chrysene-d12	13.84	240	259323	20.00	ng	0.00
86) Perylene-d12	15.24	264	198808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	283494	40.17	ng	0.00
7) Phenol-d6	6.34	99	229817	25.52	ng	-0.02
23) Nitrobenzene-d5	7.27	82	735512	97.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162231	82.76	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1213511	92.04	ng	0.00
78) Terphenyl-d14	12.80	244	990335	93.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	12325	2.131	ng	# 70
19) n-Nitroso-di-n-propylamine	7.27	70	99325	16.833	ng	# 78
25) Isophorone	7.27	82	707281	52.130	ng	# 64
49) Dimethylphthalate	9.46	163	99051	6.849	ng	99
50) 2,6-Dinitrotoluene	9.73	165	25222	8.806	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	25222	6.959	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	297	6.720	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10027	2.816	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
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Misc :
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092418-TIPC-F-U-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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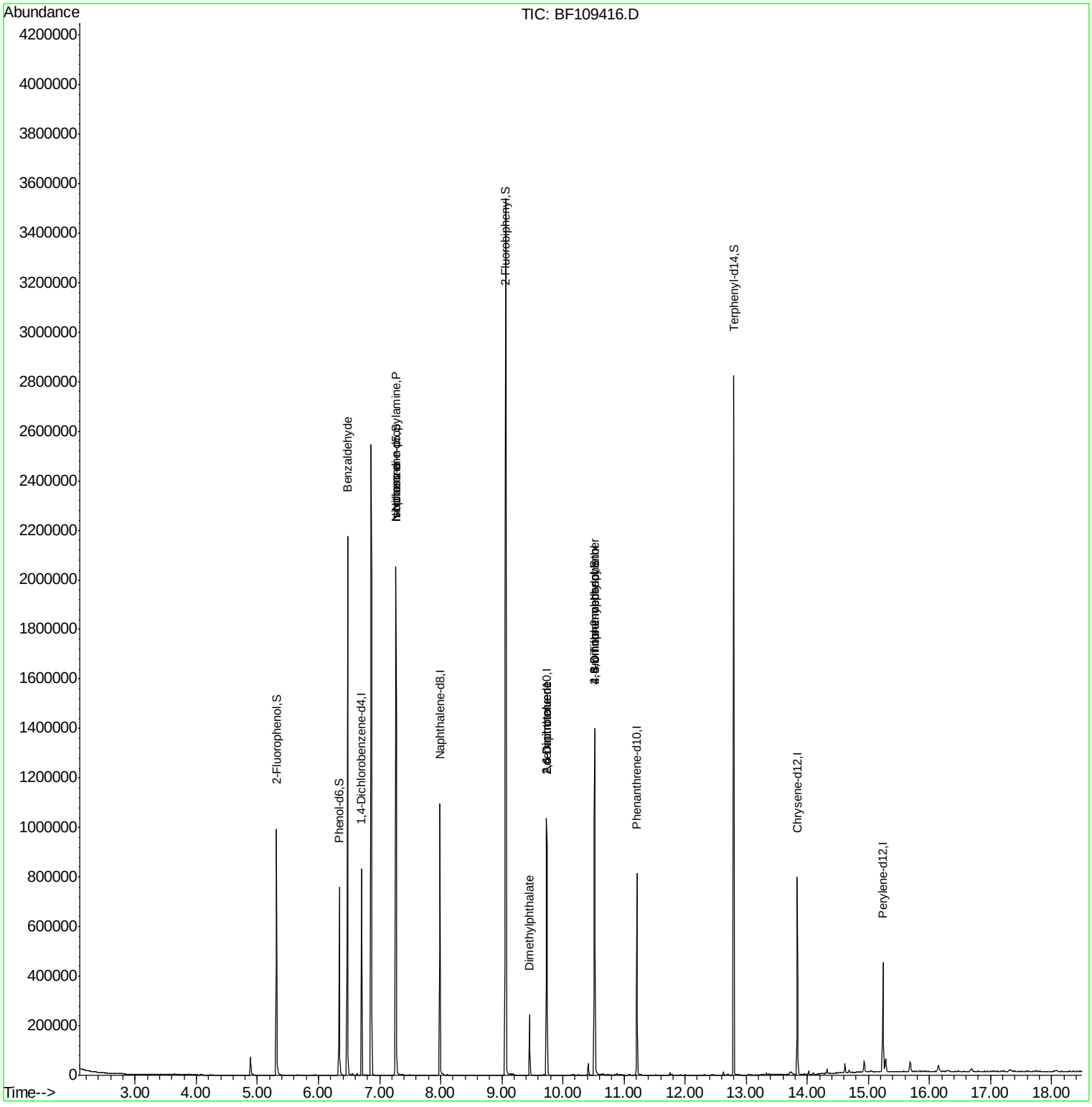
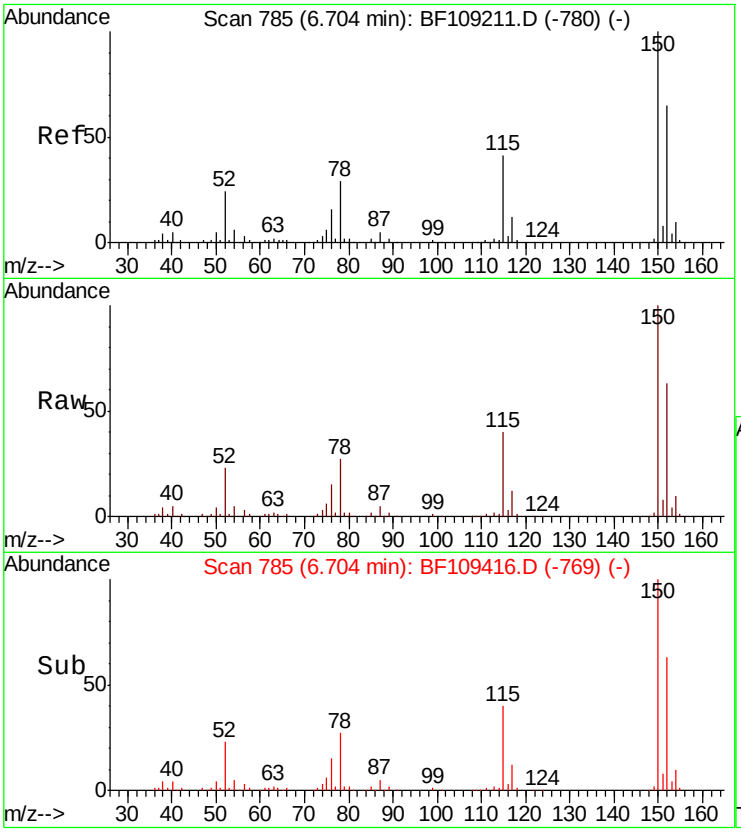


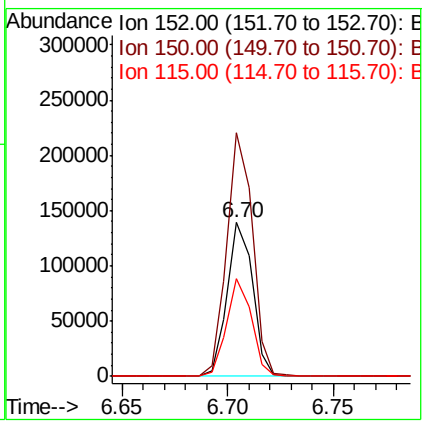


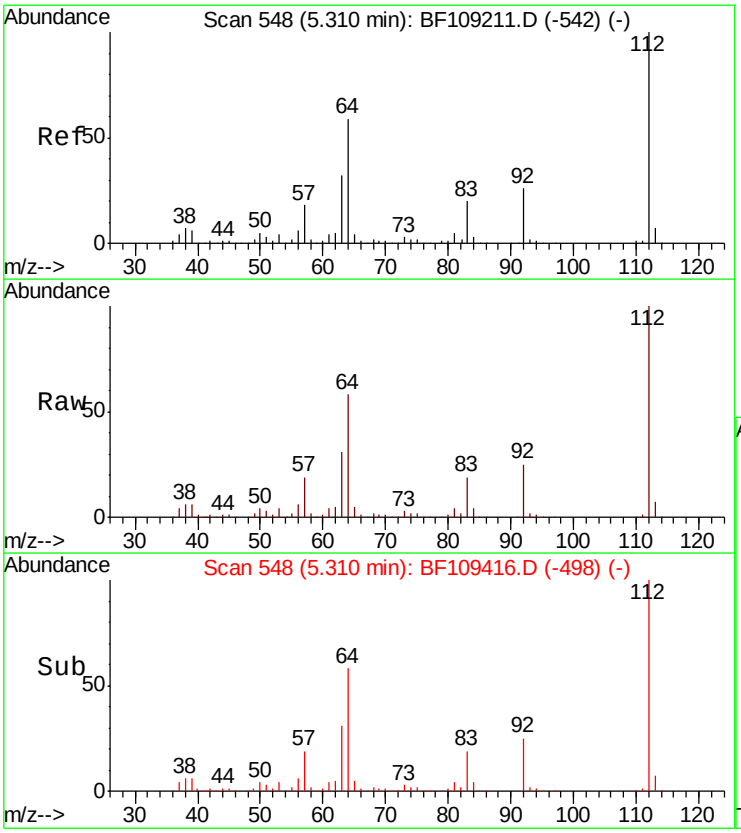
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:152 Resp: 116233

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	63.8	50.1	75.1

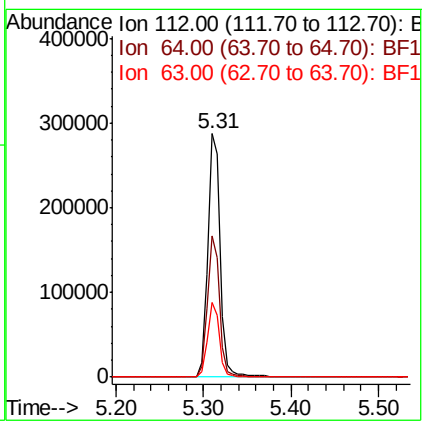


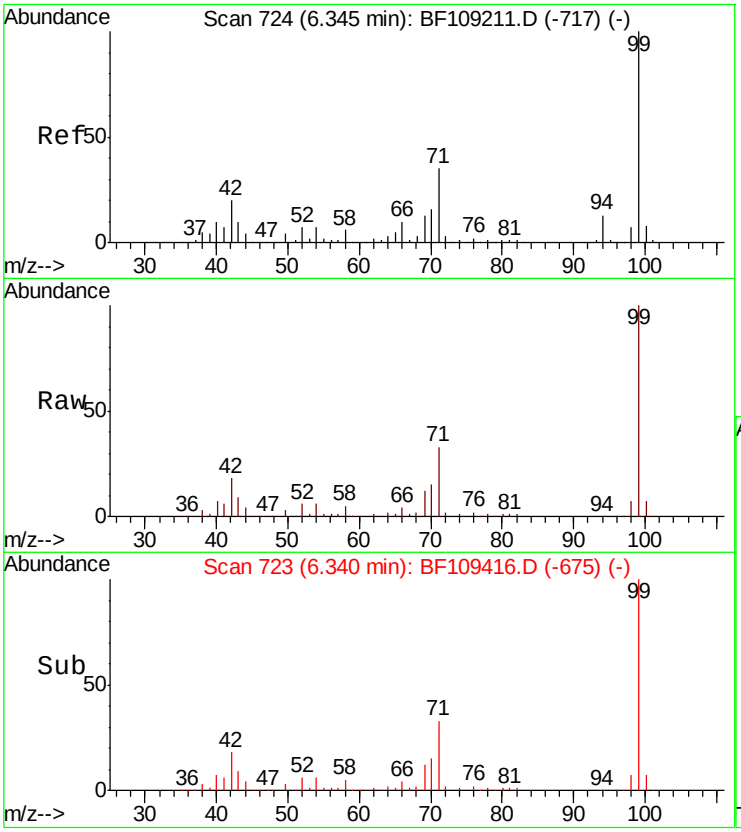


#5
2-Fluorophenol
Concen: 40.172 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:112 Resp: 283494

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	30.7	23.7	35.5



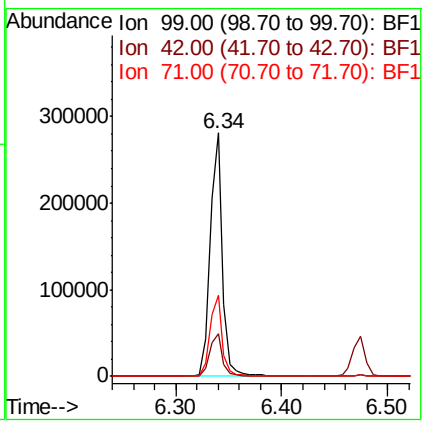


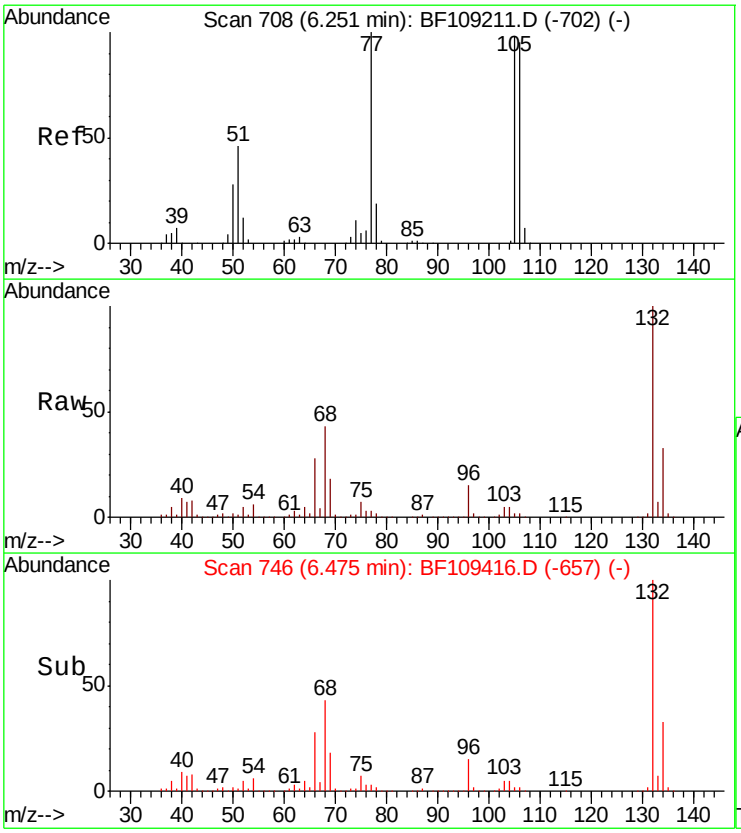
#7
Phenol-d6
Concen: 25.521 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion: 99 Resp: 229817

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	33.5	25.4	38.0

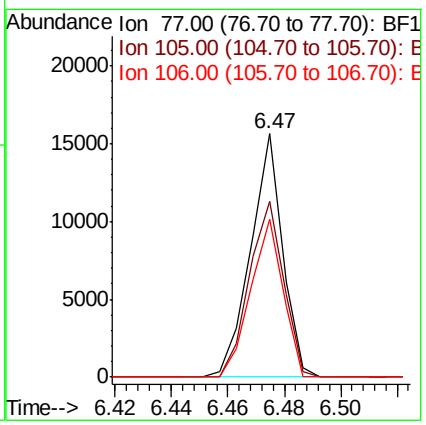


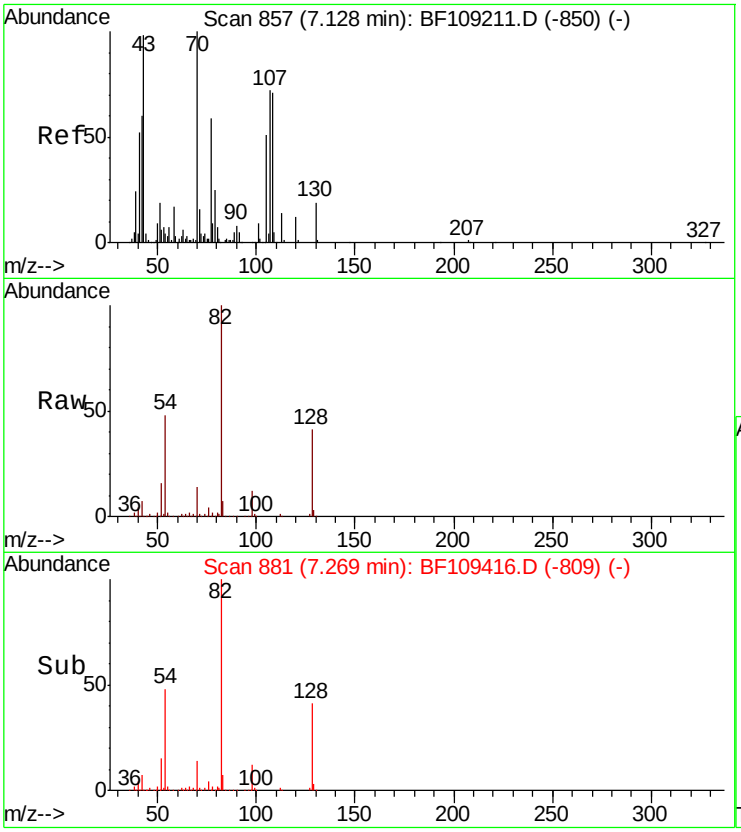


#9
Benzaldehyde
Concen: 2.131 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion: 77 Resp: 12325

Ion	Ratio	Lower	Upper
77	100		
105	72.2	81.1	121.1#
106	64.6	74.5	114.5#



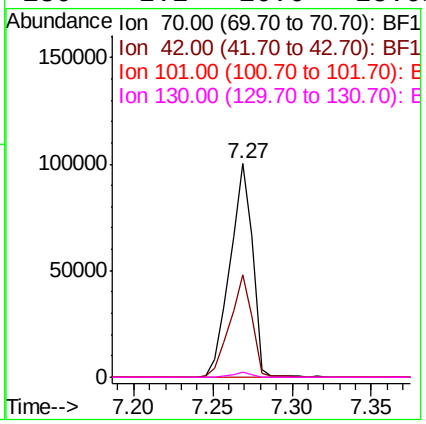


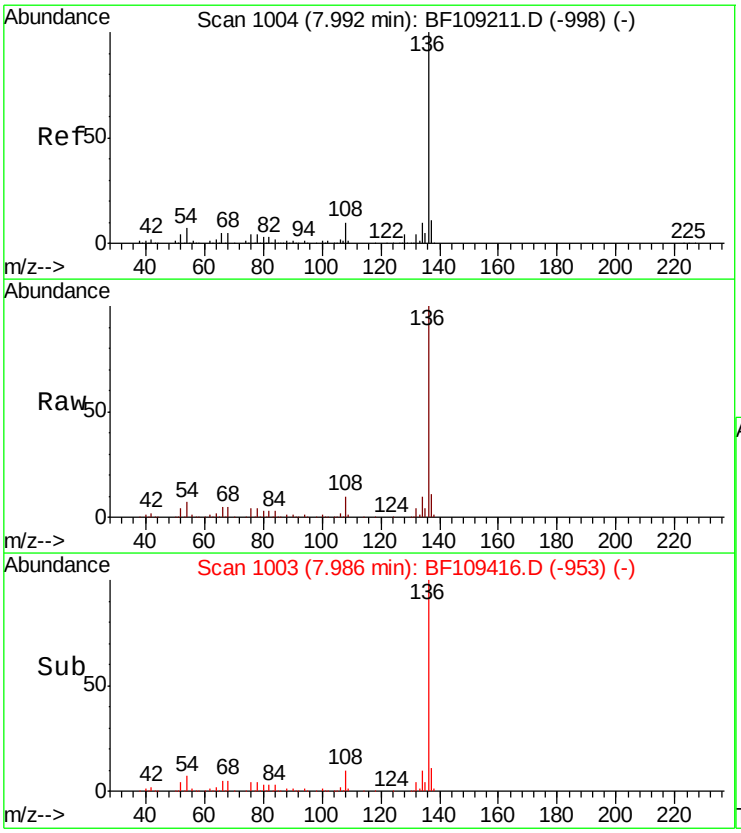
#19
n-Nitroso-di-n-propylamine
Concen: 16.833 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion: 70 Resp: 99325

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

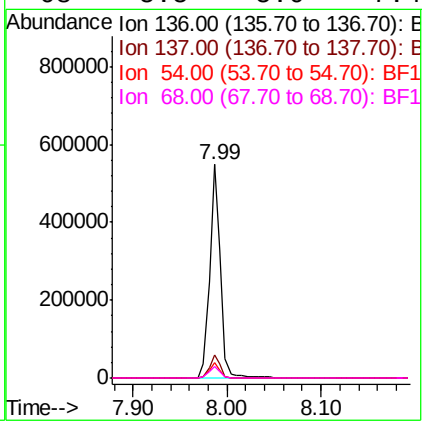


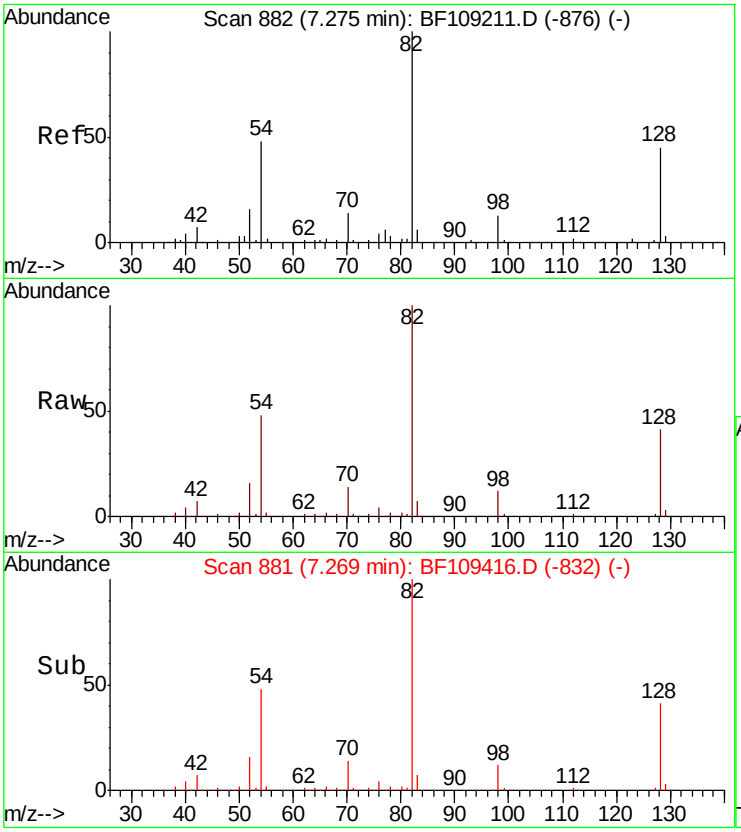


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:136 Resp: 444772

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4



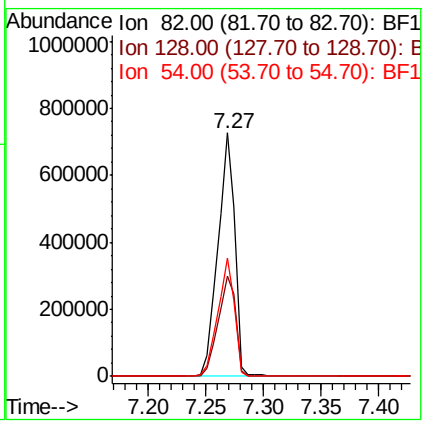


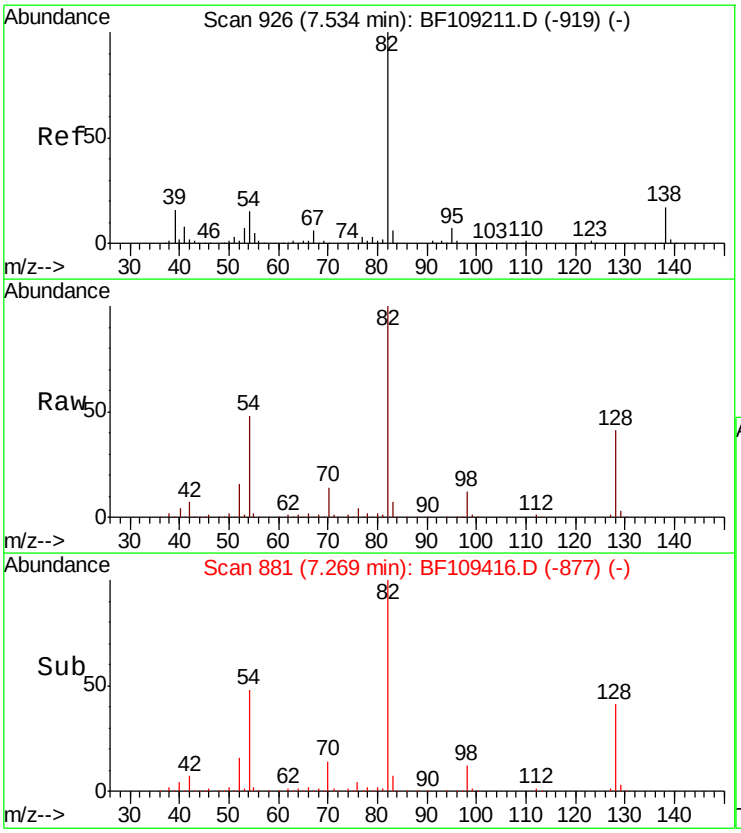
#23
Nitrobenzene-d5
Concen: 97.619 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion: 82 Resp: 735512

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	48.3	41.4	62.2

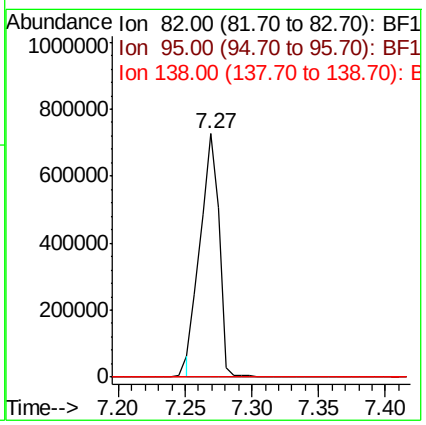


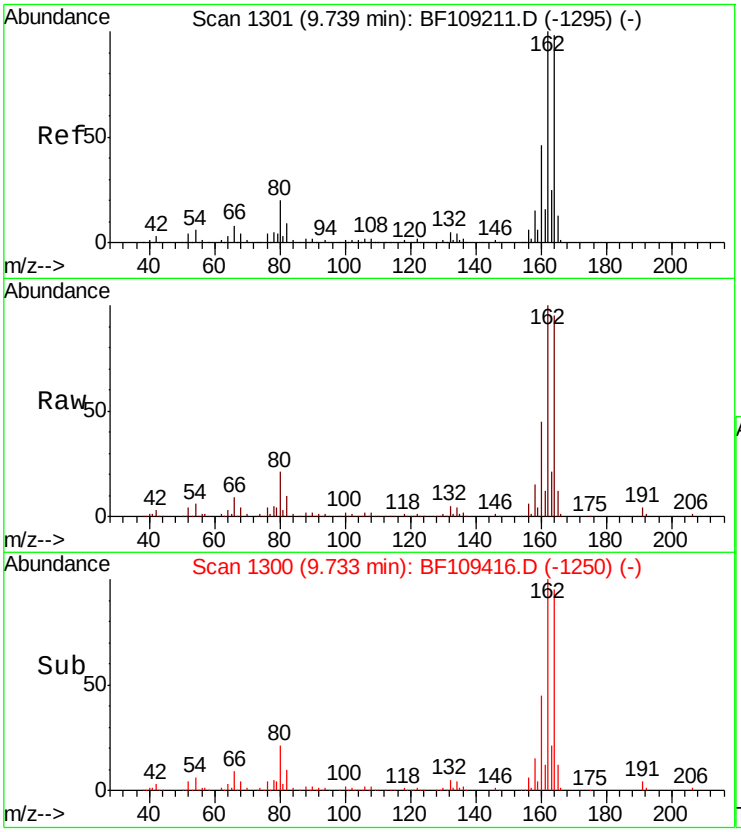


#25
Isophorone
Concen: 52.130 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion: 82 Resp: 707281

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



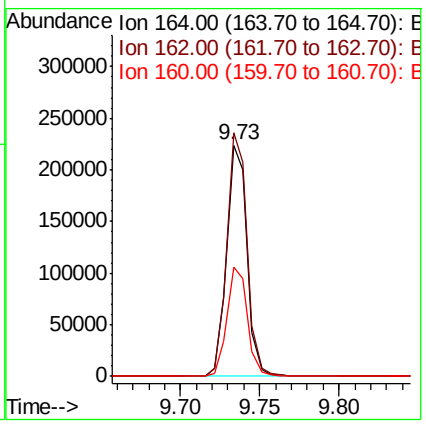


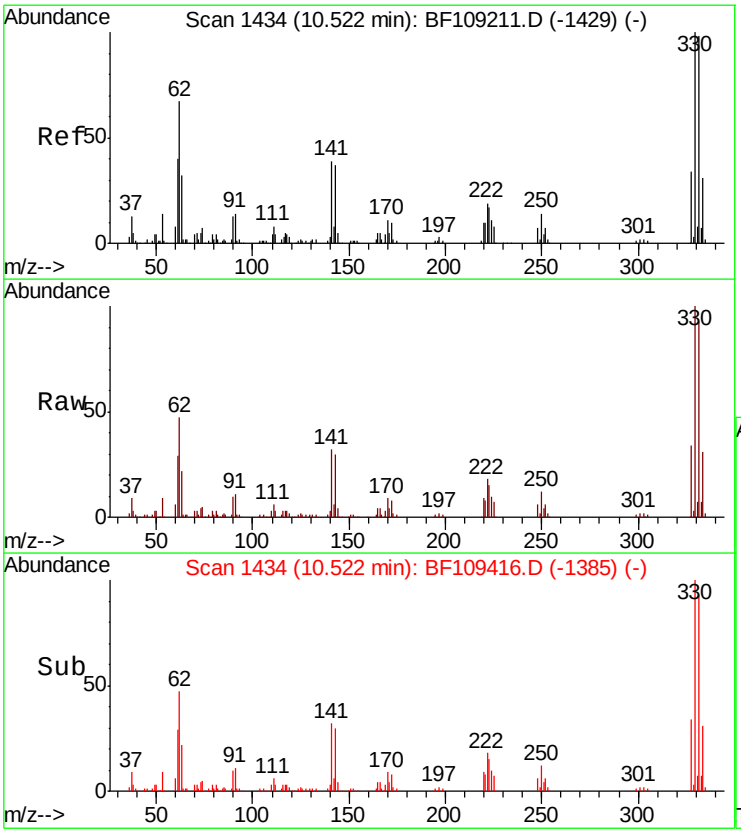
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:164 Resp: 198842

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.0	38.3	57.5

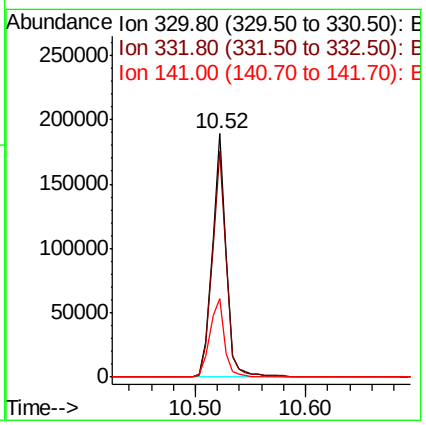


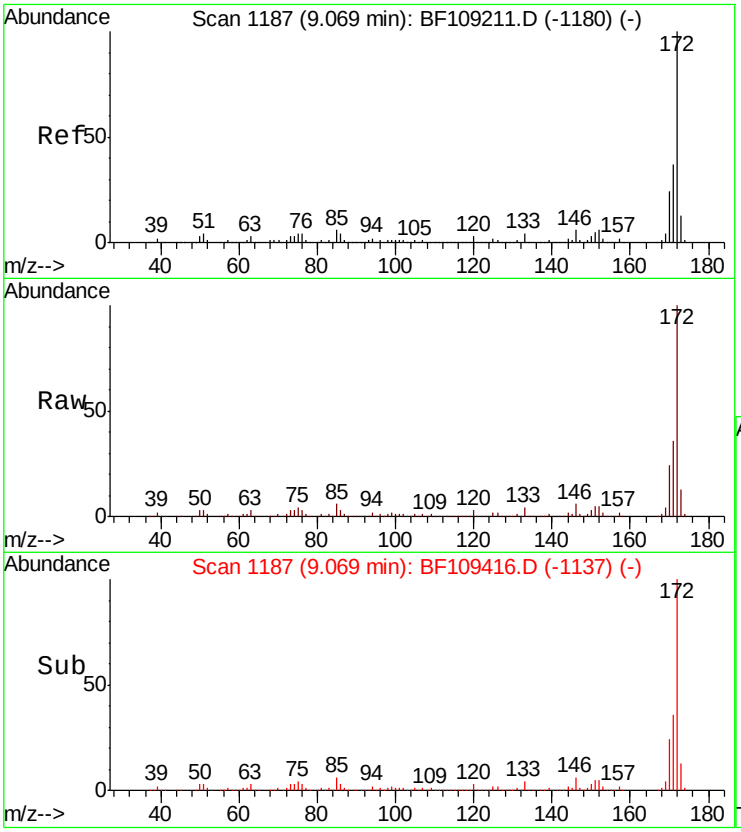


#41
2,4,6-Tribromophenol
Concen: 82.764 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:330 Resp: 162231

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.6	29.9	44.9



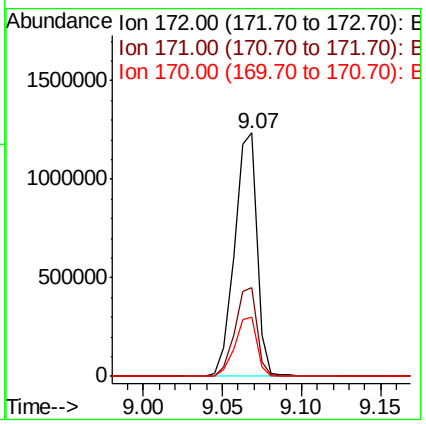


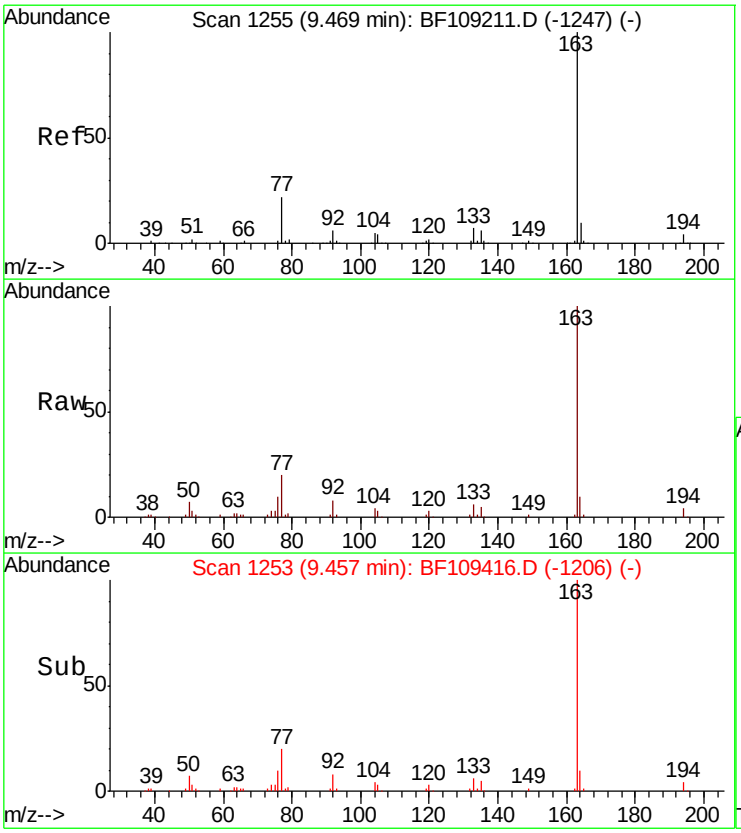
#44
2-Fluorobiphenyl
Concen: 92.043 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:172 Resp: 1213511

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

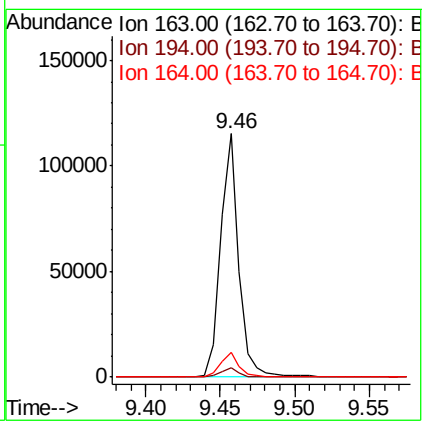


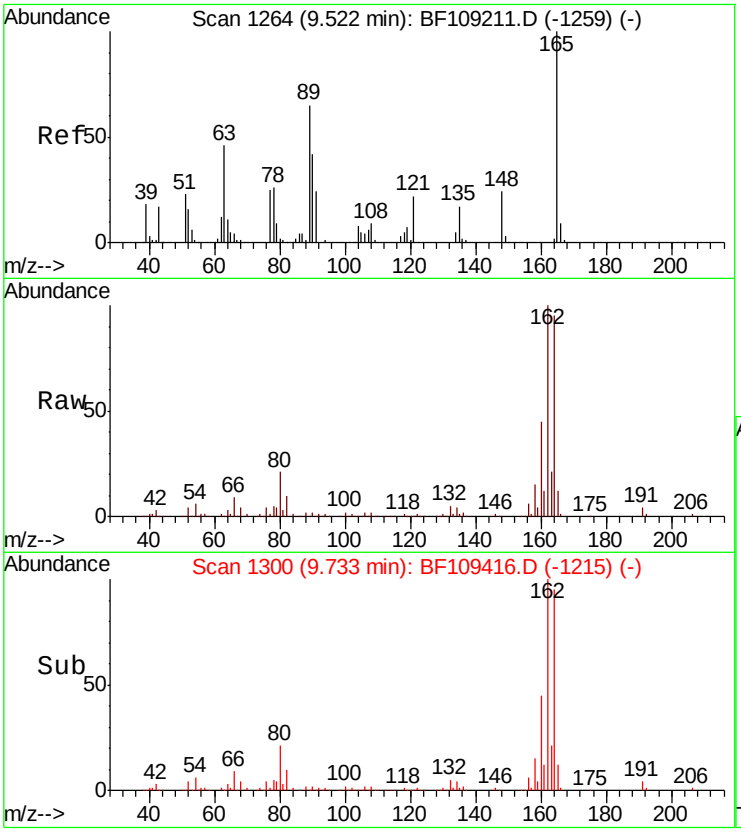


#49
Dimethylphthalate
Concen: 6.849 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:163 Resp: 99051

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2



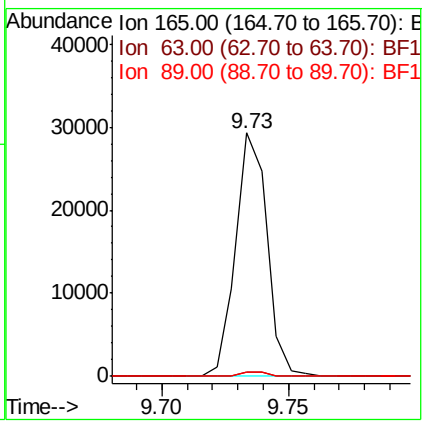


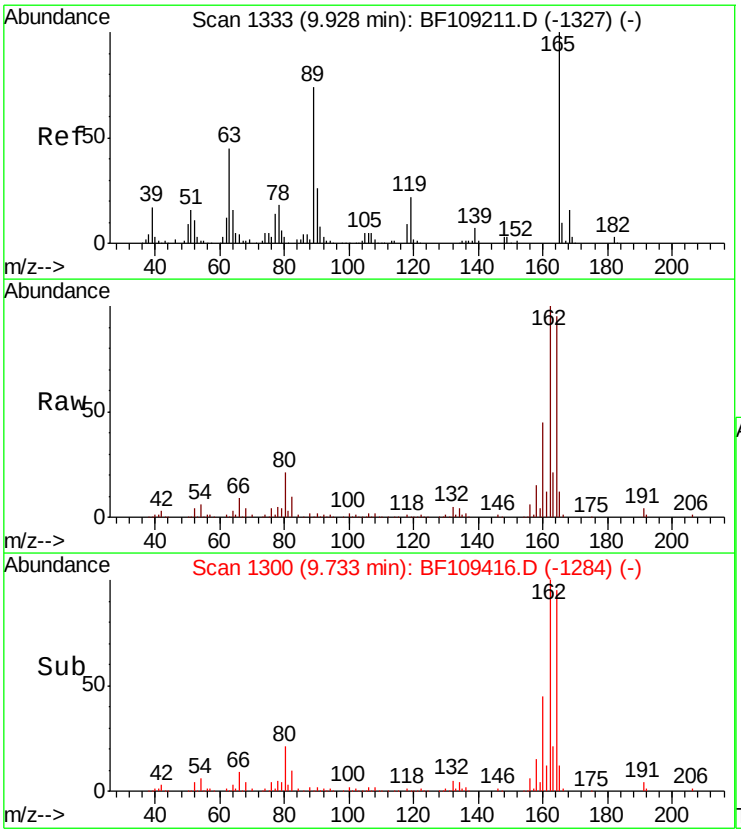
#50
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:165 Resp: 25222

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.7	44.0	66.0#

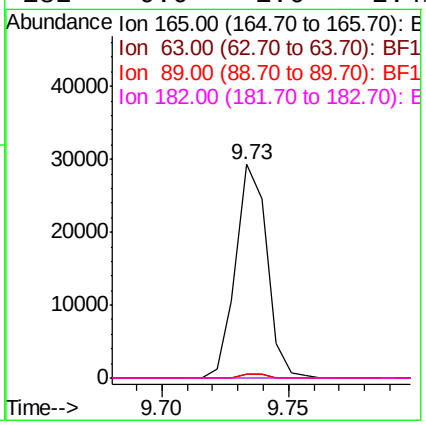


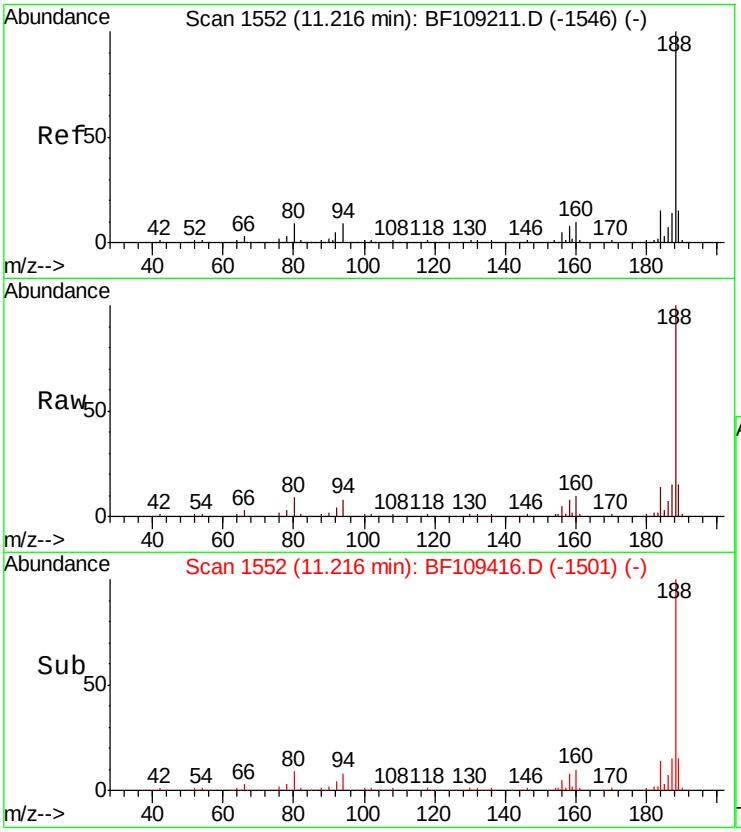


#56
2,4-Dinitrotoluene
Concen: 6.959 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:165 Resp: 25222

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



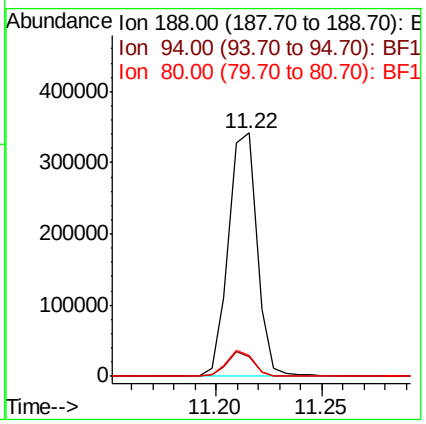


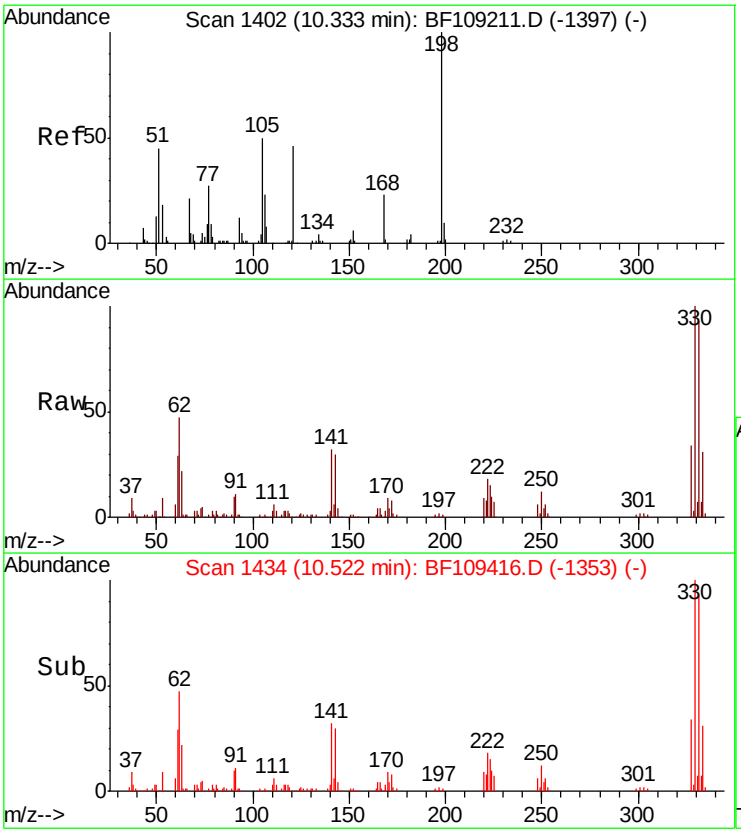
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:188 Resp: 320610

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.6	9.2	13.8#

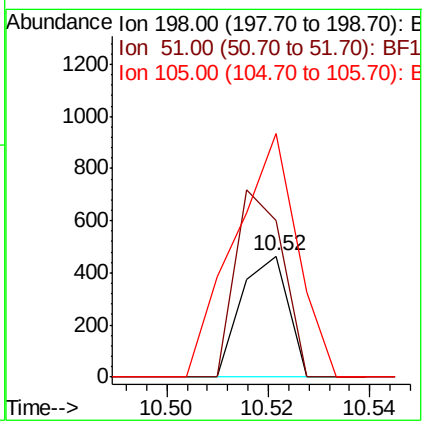


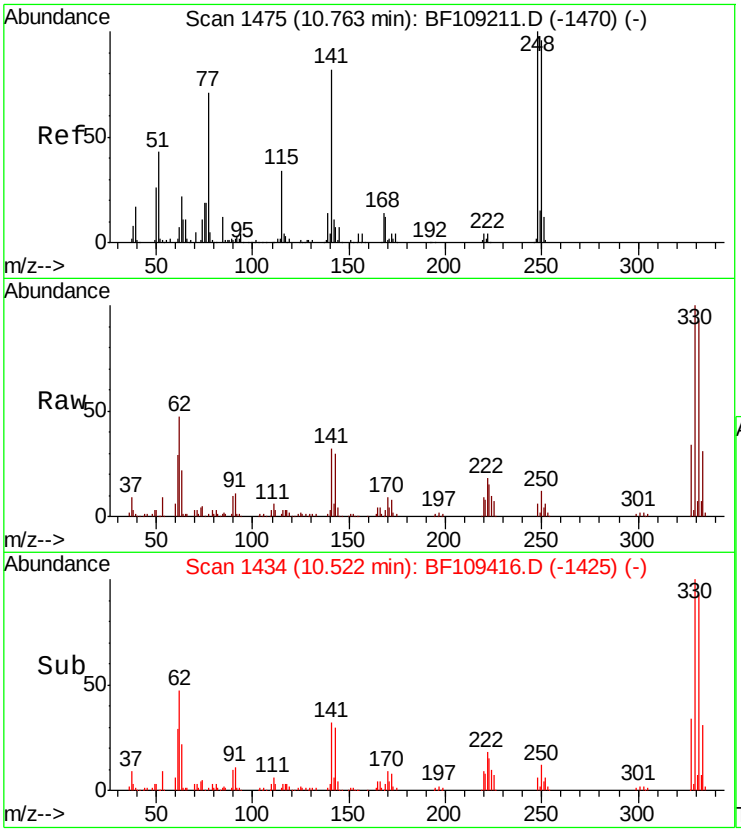


#64
4,6-Dinitro-2-methylphenol
Concen: 6.720 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:198 Resp: 297

Ion	Ratio	Lower	Upper
198	100		
51	128.8	37.7	77.7#
105	200.9	36.3	76.3#



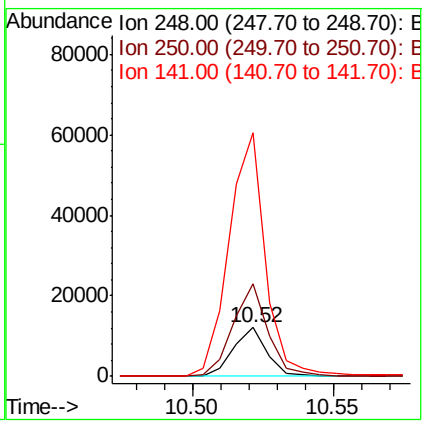


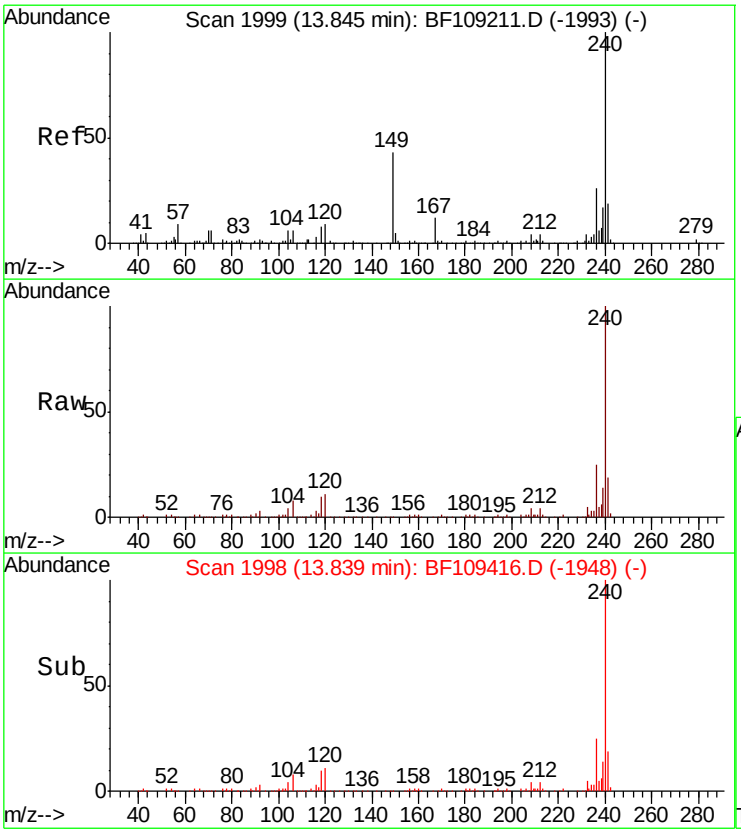
#66
4-Bromophenyl-phenylether
Concen: 2.816 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:248 Resp: 10027

Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.9	115.3#
141	500.2	74.4	111.6#

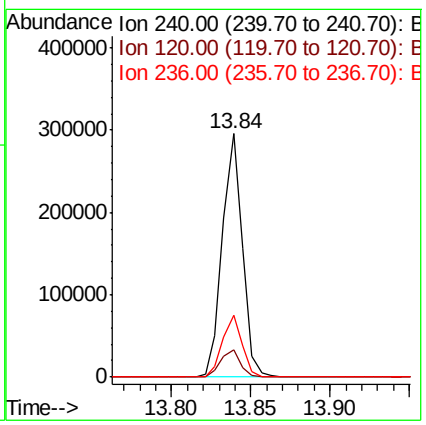


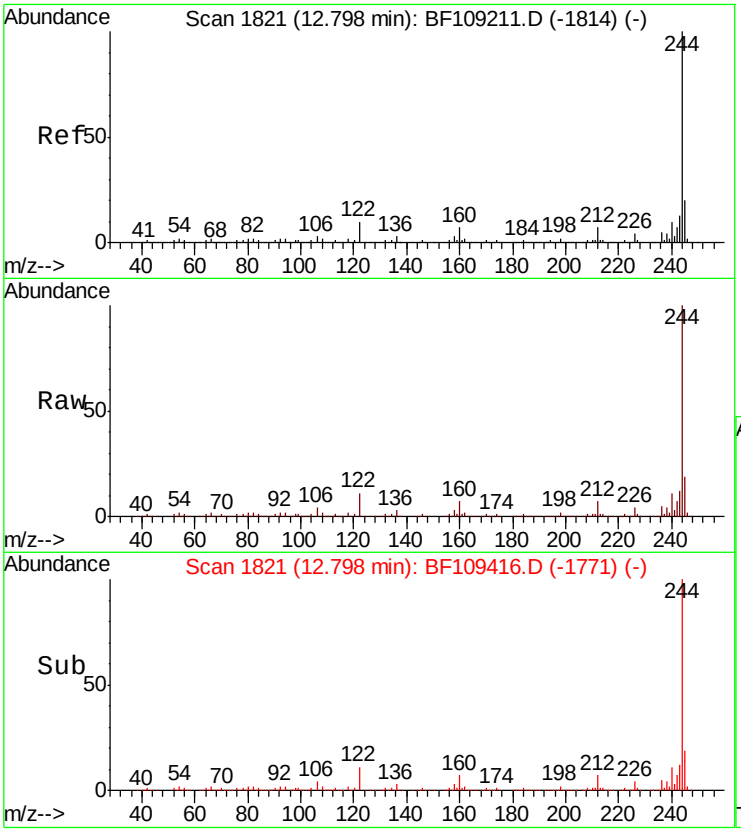


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:240 Resp: 259323

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.4	20.7	31.1



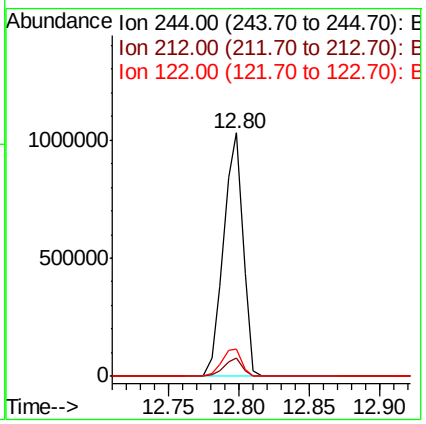


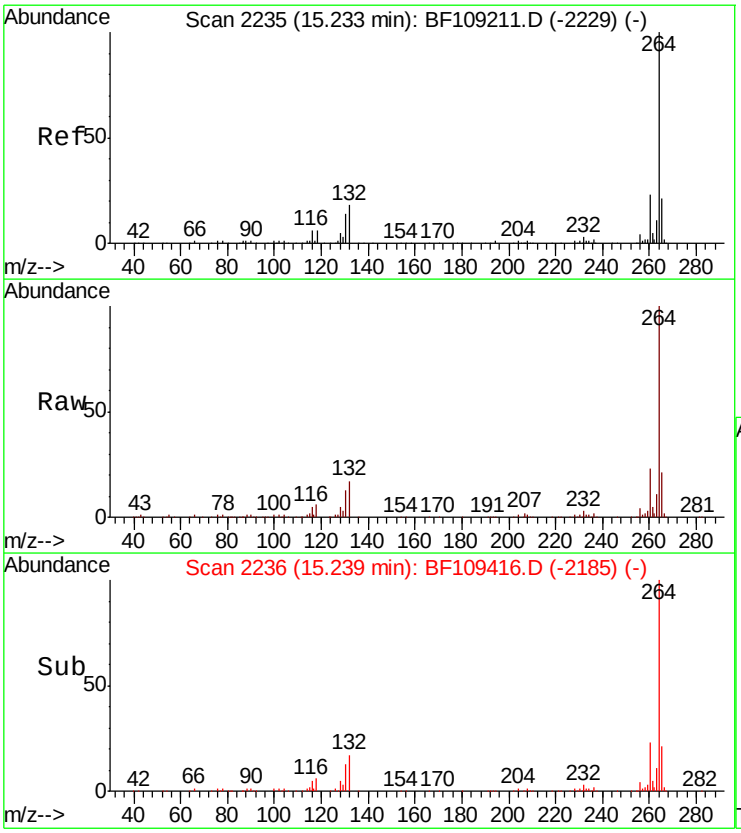
#78
Terphenyl-d14
Concen: 93.723 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109416.D
Acq: 28 Sep 2018 5:44

Instrument :
BNA_F
ClientSampleId :
092418-TIPC-F-U-B

Tgt Ion:244 Resp: 990335

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.2	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: BF109416.D
Acq: 28 Sep 2018 5:44

Tgt Ion:264 Resp: 198808

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3