Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108422.D
Acq On : 23 Aug 2018 12:47
Operator : JU/SJ
Sample : PB112242BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 13:11:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	157281	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	594865	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	310927	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	641465	20.00	ng	0.00
75) Chrysene-d12	14.19	240	413238	20.00	ng	0.00
86) Perylene-d12	15.75	264	302105	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1002020	115.34	ng	0.00
7) Phenol-d6	6.62	99	1345584	116.56	ng	0.00
23) Nitrobenzene-d5	7.57	82	915328	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	424344	136.82	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1772184	91.51	ng	0.00
78) Terphenyl-d14	13.13	244	1915253	117.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	124511	15.949	ng	# 79
25) Isophorone	7.57	82	909149	44.744	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	39477	8.712	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	39477	6.768	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	866	5.678	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	28167	4.041	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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Acq On : 23 Aug 2018 12:47
Operator : JU/SJ
Sample : PB112242BL
Misc :
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Instrument :
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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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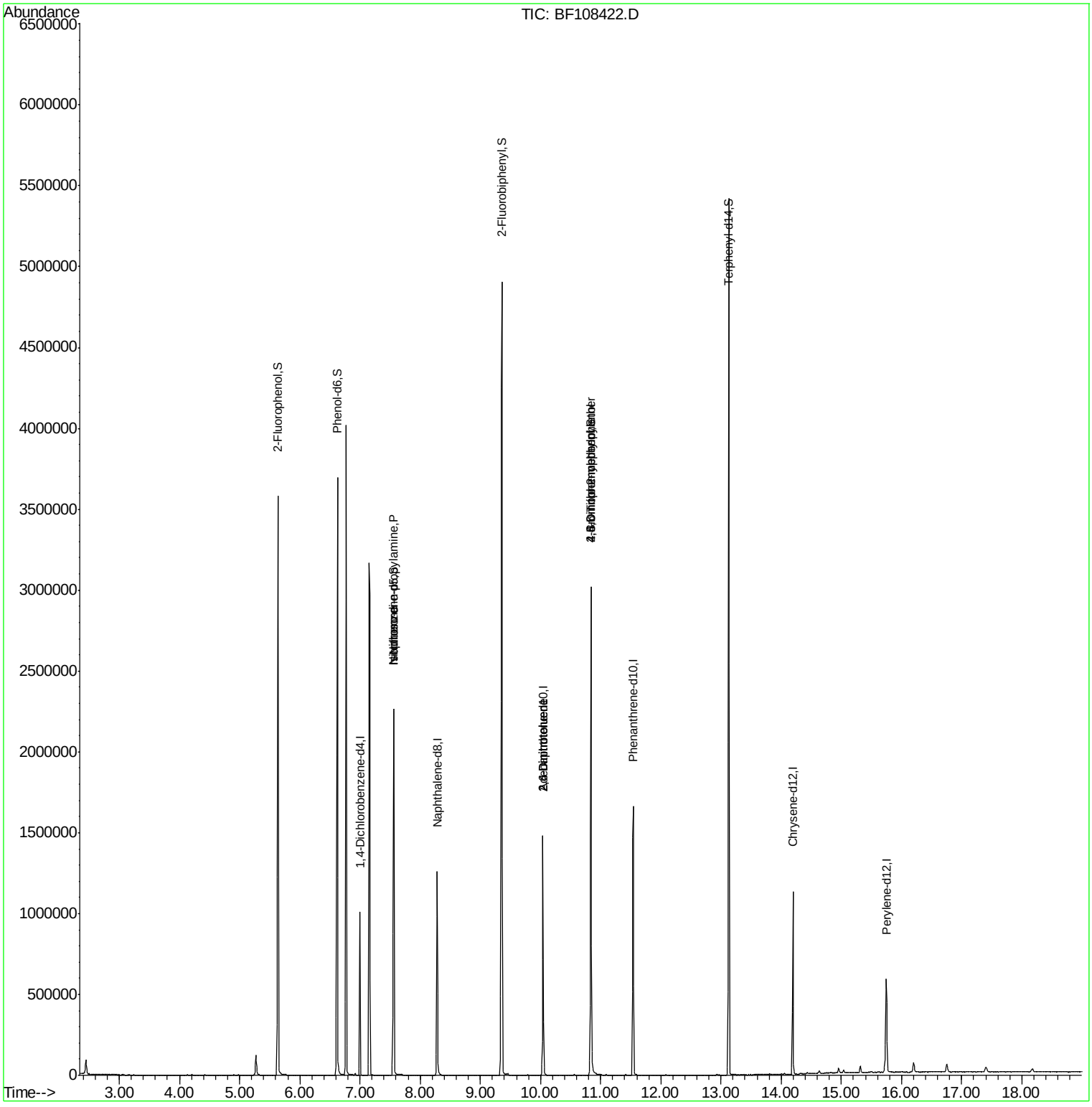
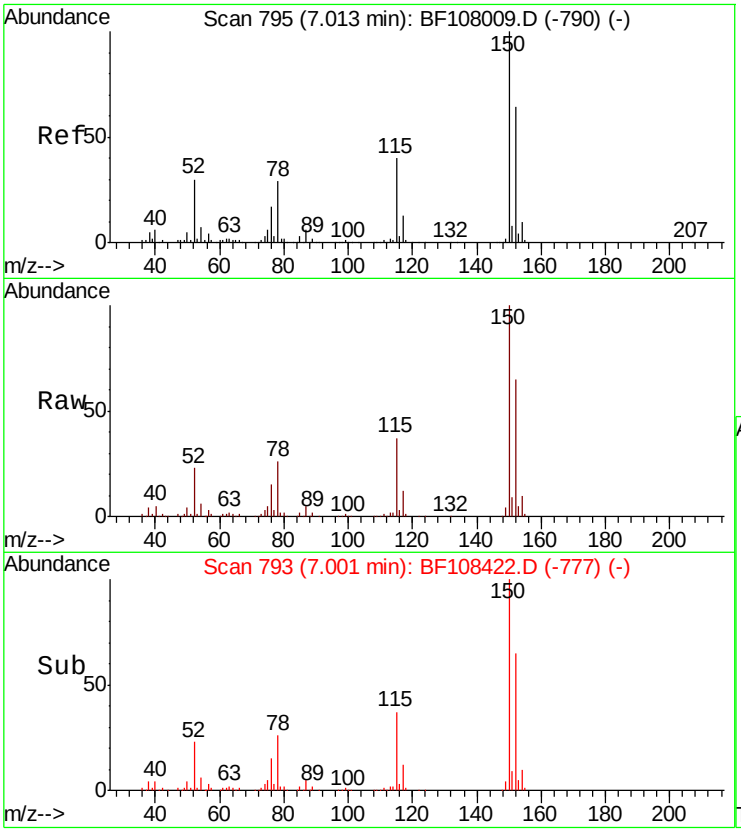
Response via : Initial Calibration



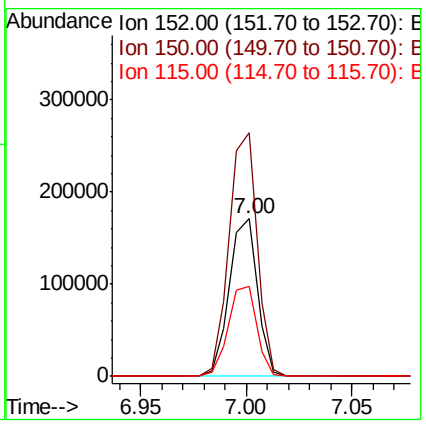


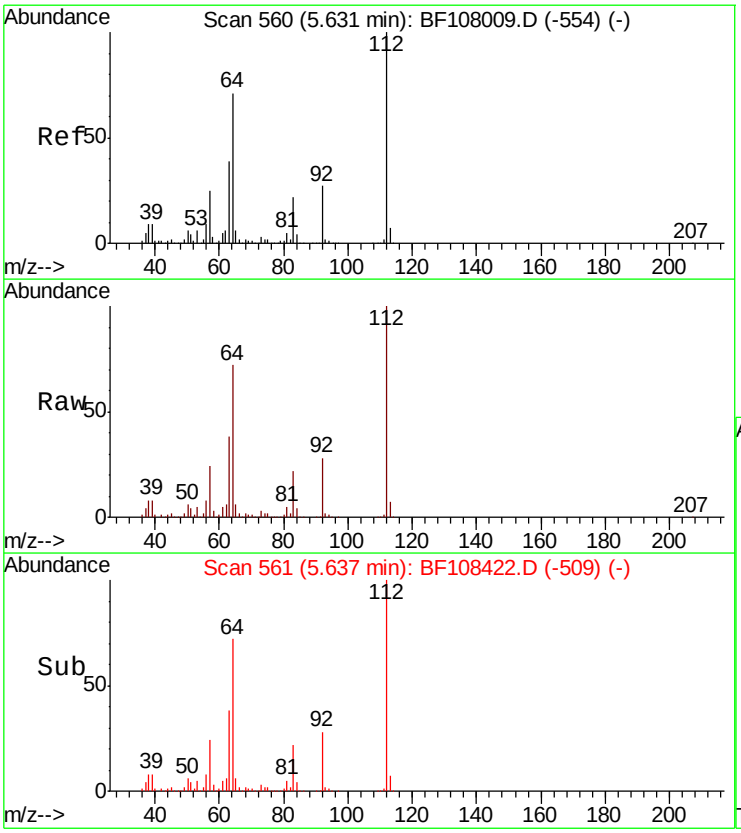
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157281

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.5	50.1	75.1

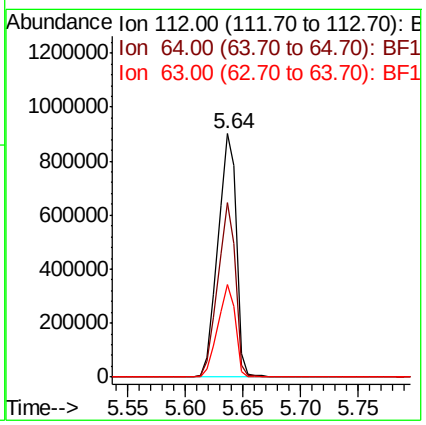


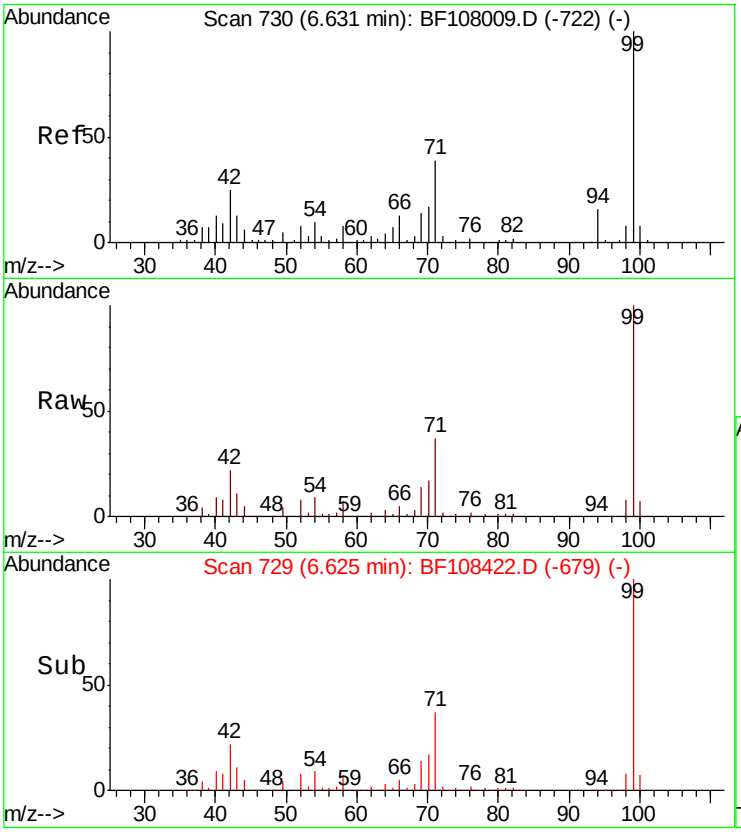


#5
2-Fluorophenol
Concen: 115.342 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:112 Resp: 1002020

Ion	Ratio	Lower	Upper
112	100		
64	71.6	47.9	71.9
63	37.8	23.7	35.5#



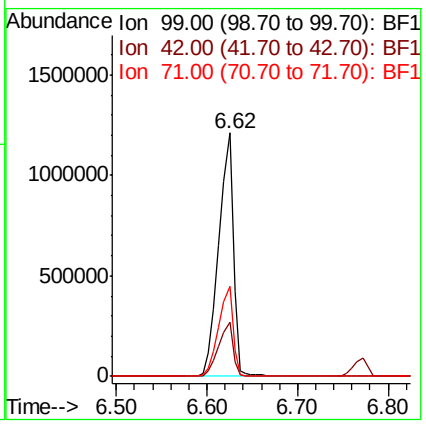


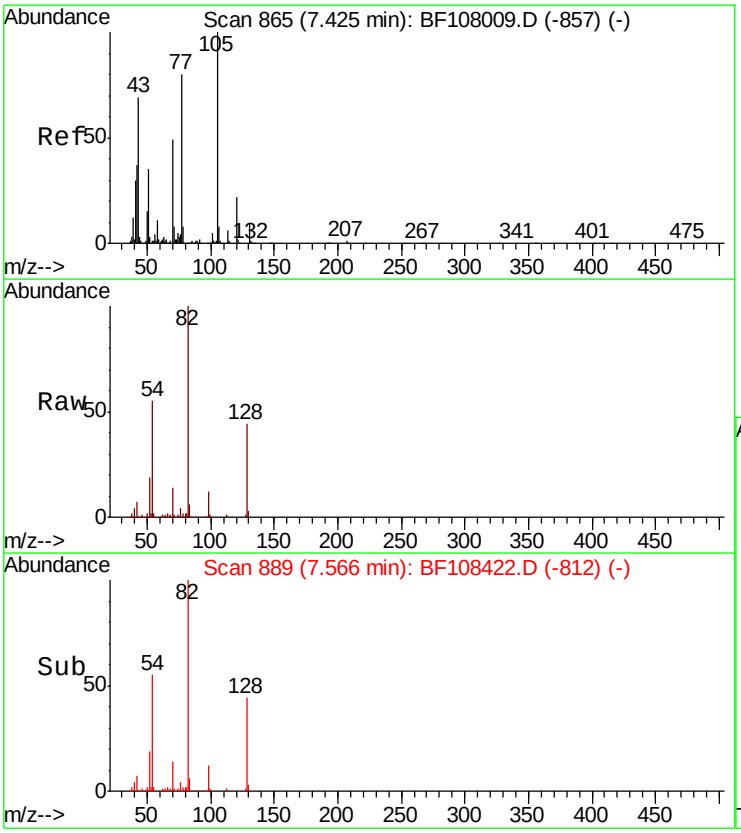
#7
Phenol-d6
Concen: 116.558 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1345584

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	36.9	25.4	38.0

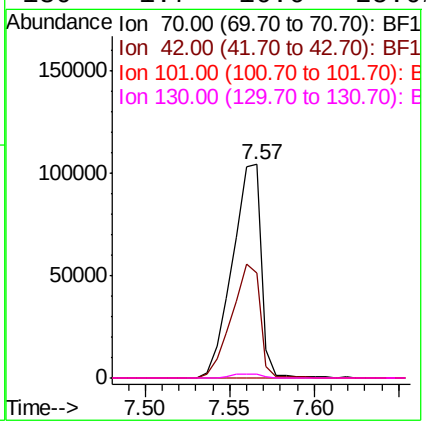


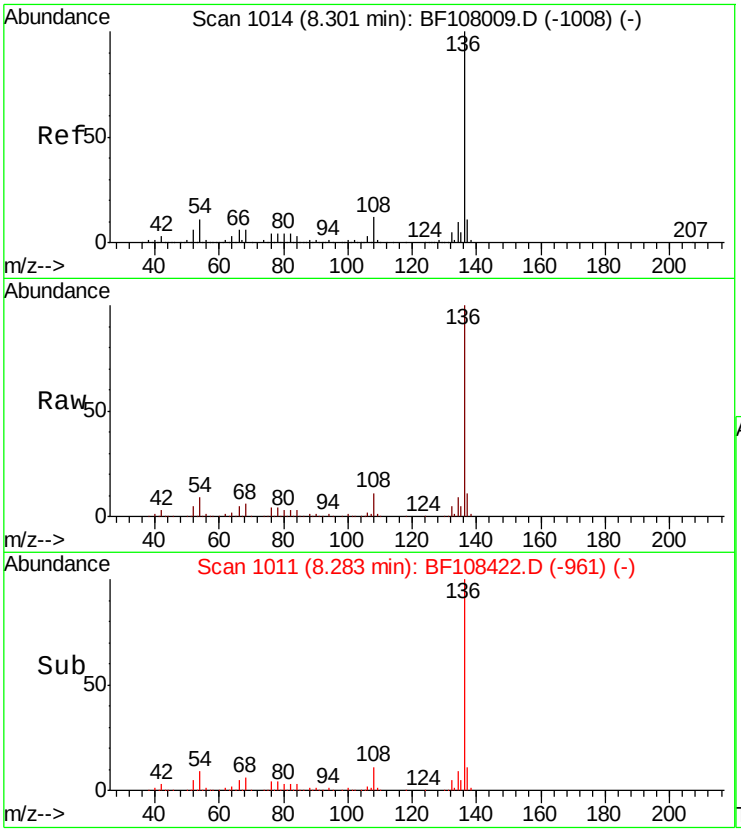


#19
n-Nitroso-di-n-propylamine
Concen: 15.949 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 70 Resp: 124511

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



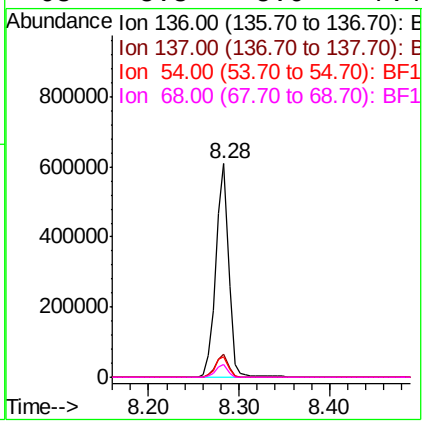


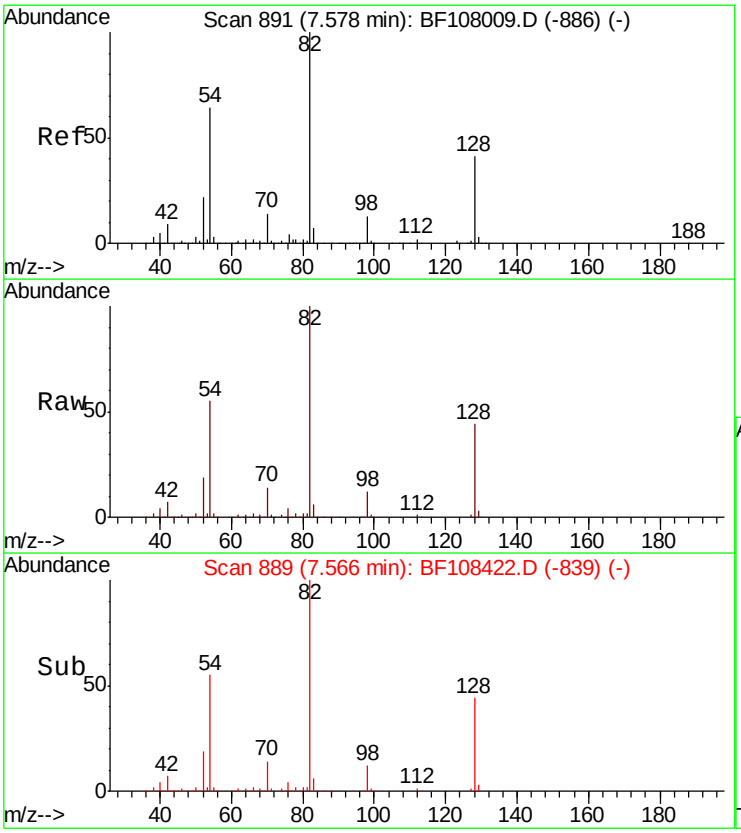
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 594865

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	5.8	5.0	7.4

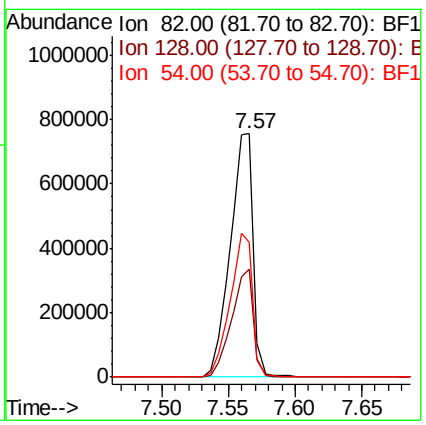


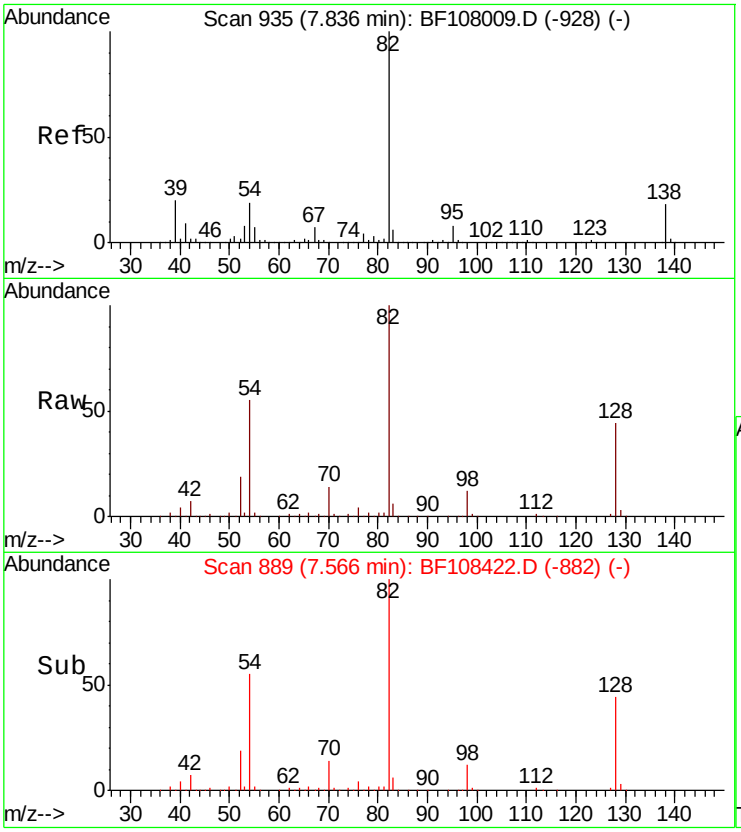


#23
Nitrobenzene-d5
Concen: 85.863 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 82 Resp: 915328

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.3	41.4	62.2



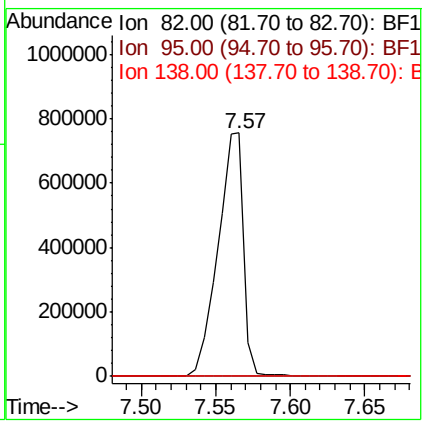


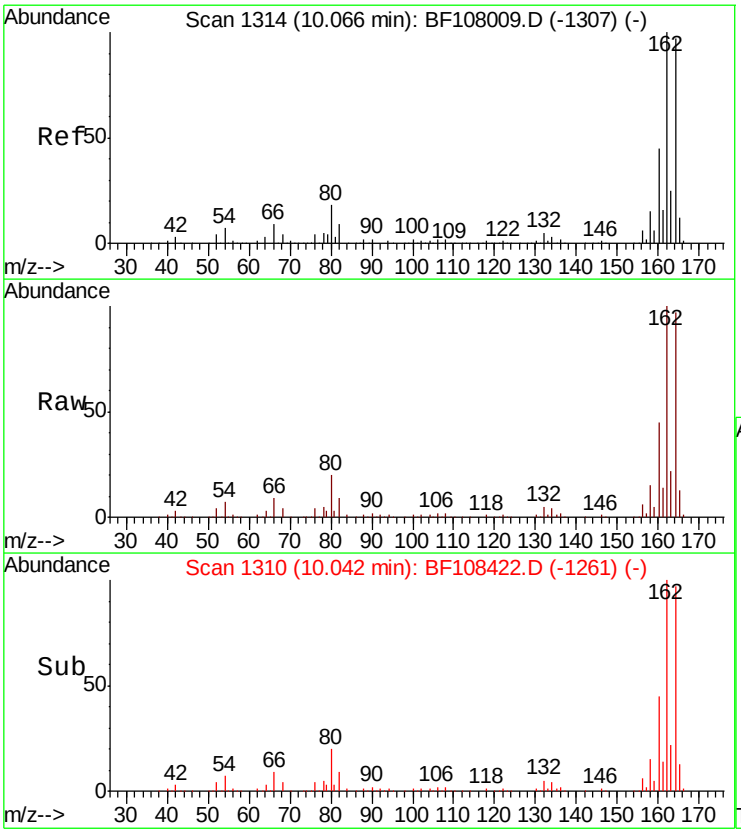
#25
Isophorone
Concen: 44.744 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 909149

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

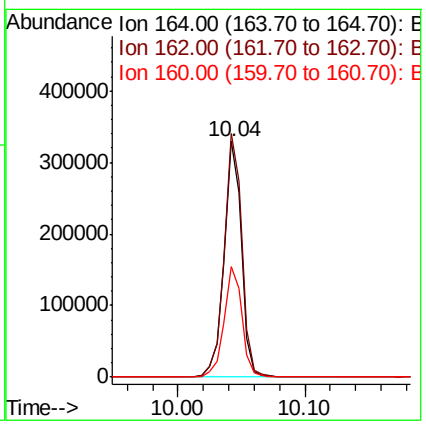


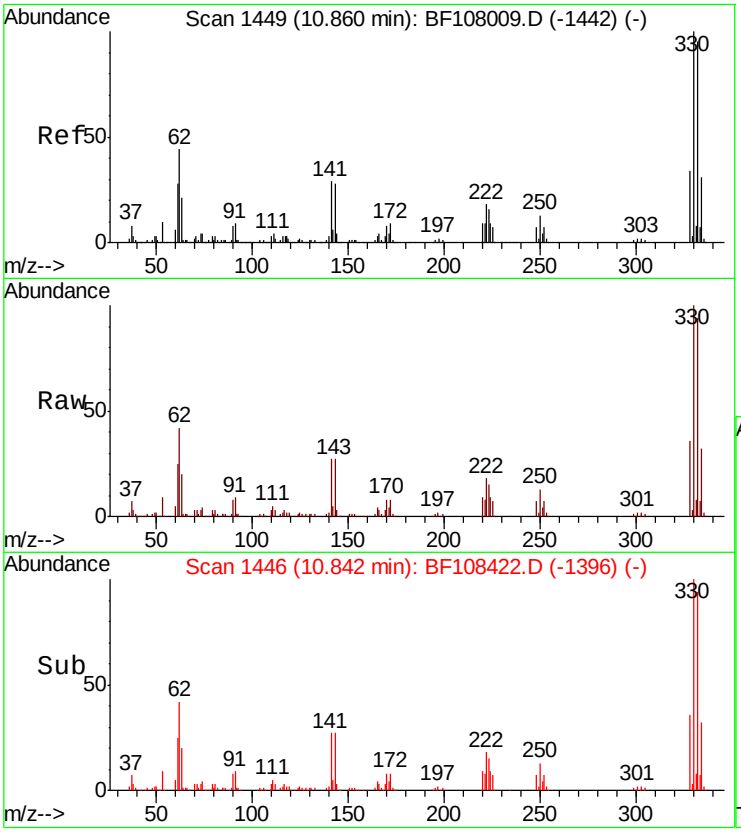


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:164 Resp: 310927

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.9	38.3	57.5



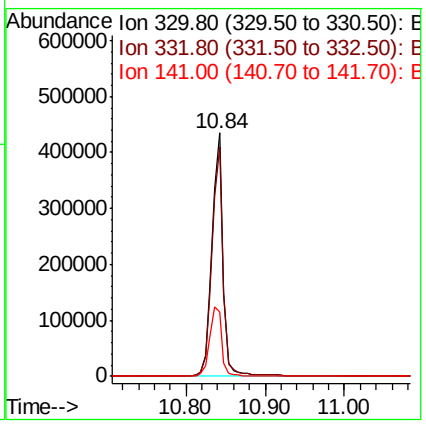


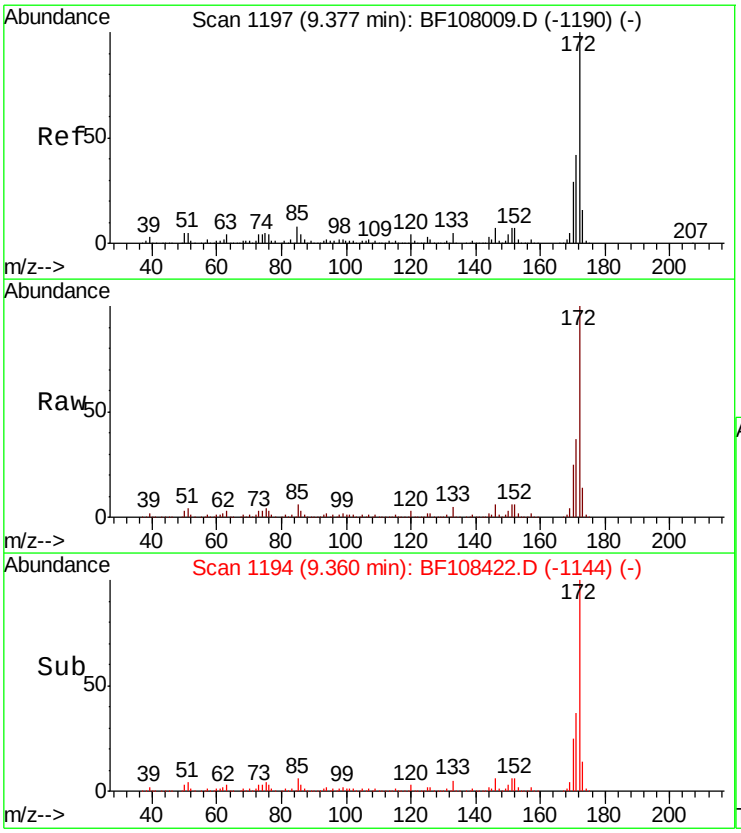
#41
2,4,6-Tribromophenol
Concen: 136.823 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 424344

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.5	29.9	44.9

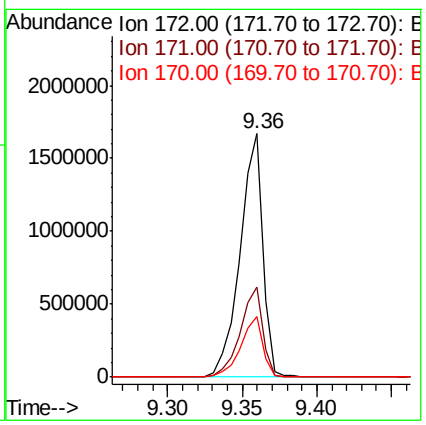


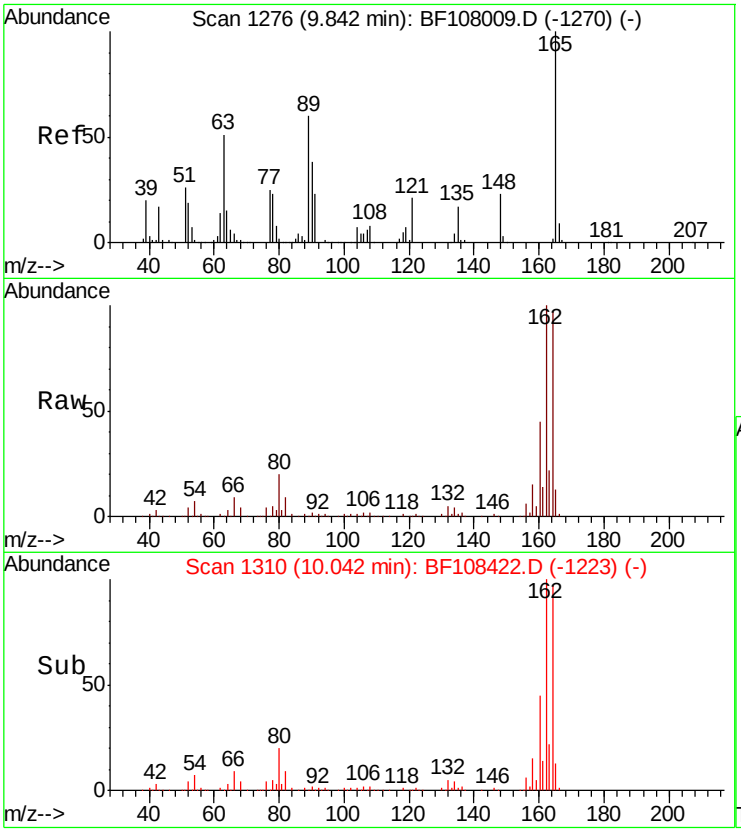


#44
2-Fluorobiphenyl
Concen: 91.507 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:172 Resp: 1772184

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4



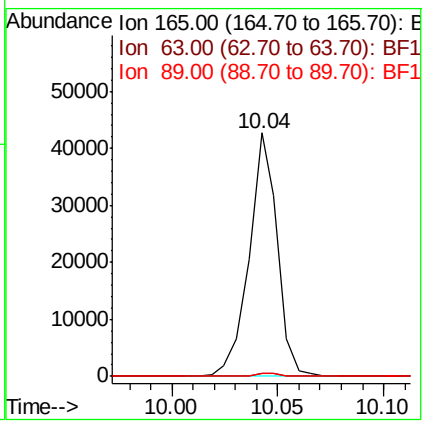


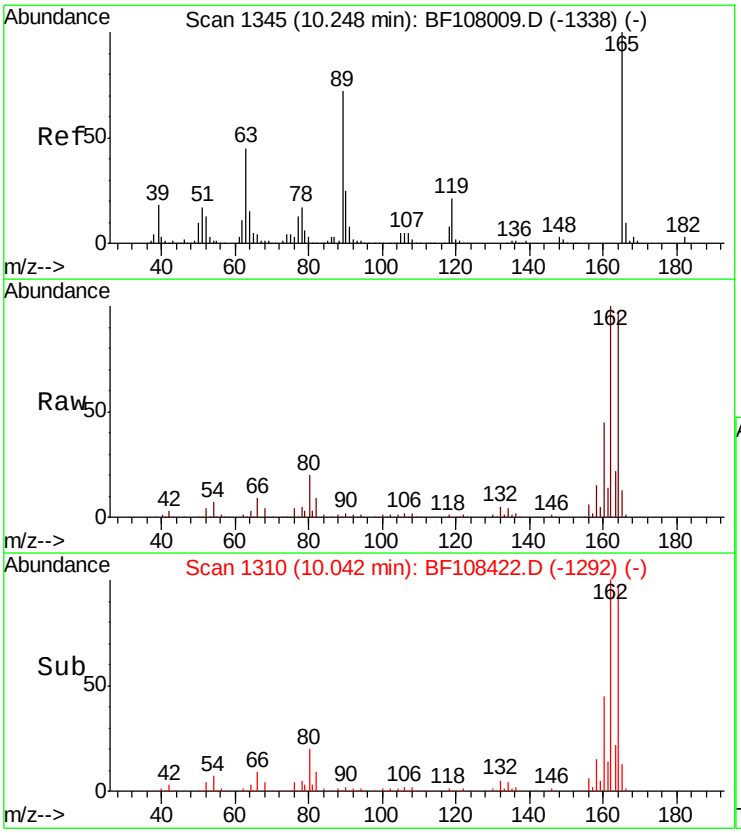
#50
2,6-Dinitrotoluene
Concen: 8.712 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39477

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

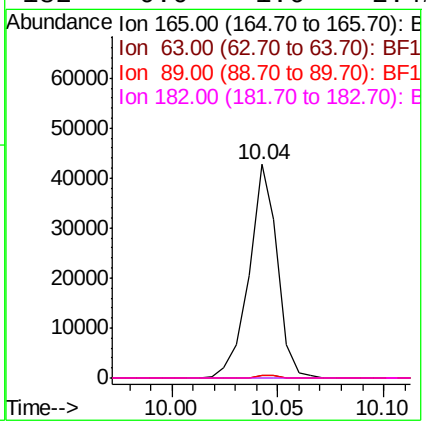


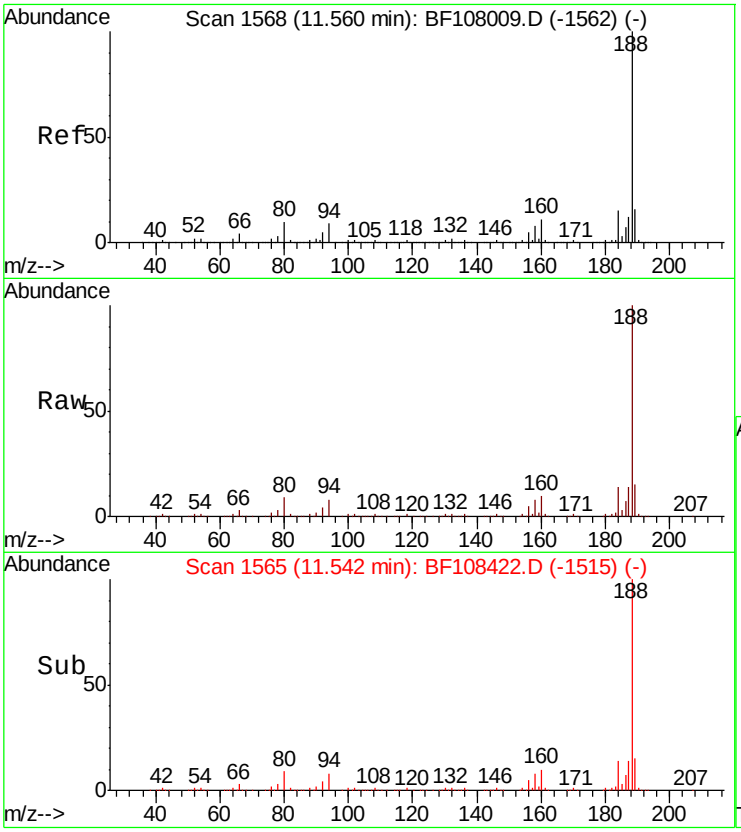


#56
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:165 Resp: 39477

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



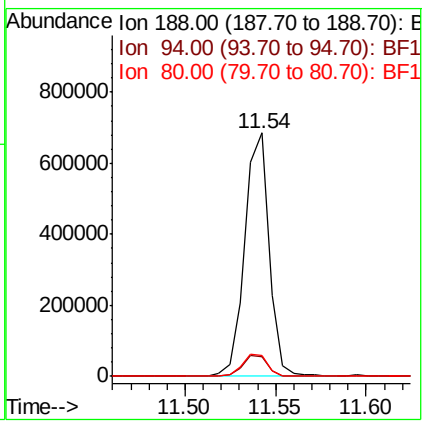


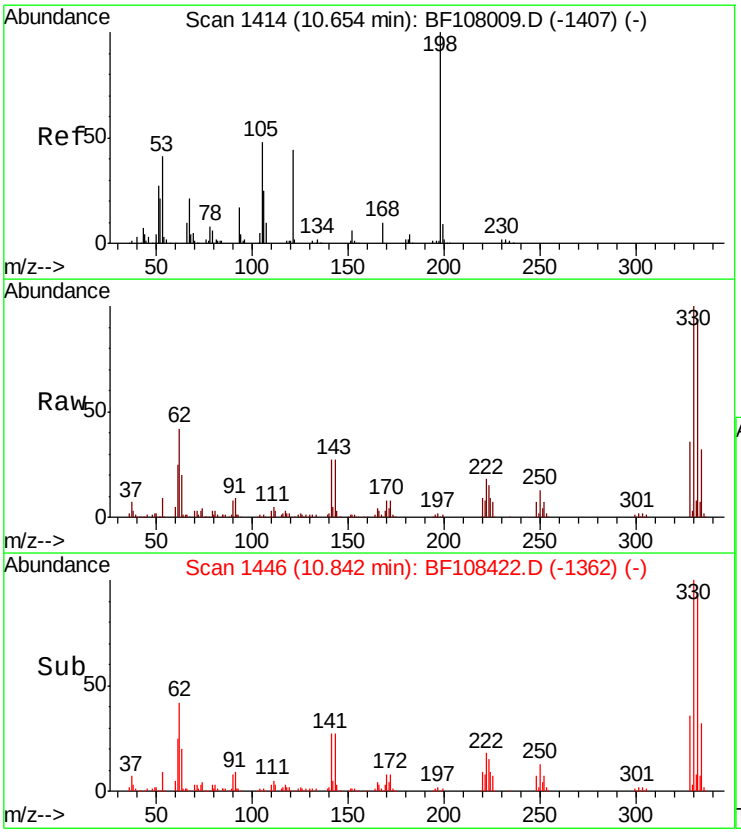
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 641465

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.8	9.2	13.8#

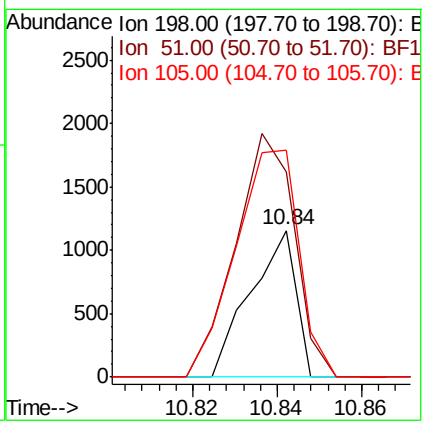


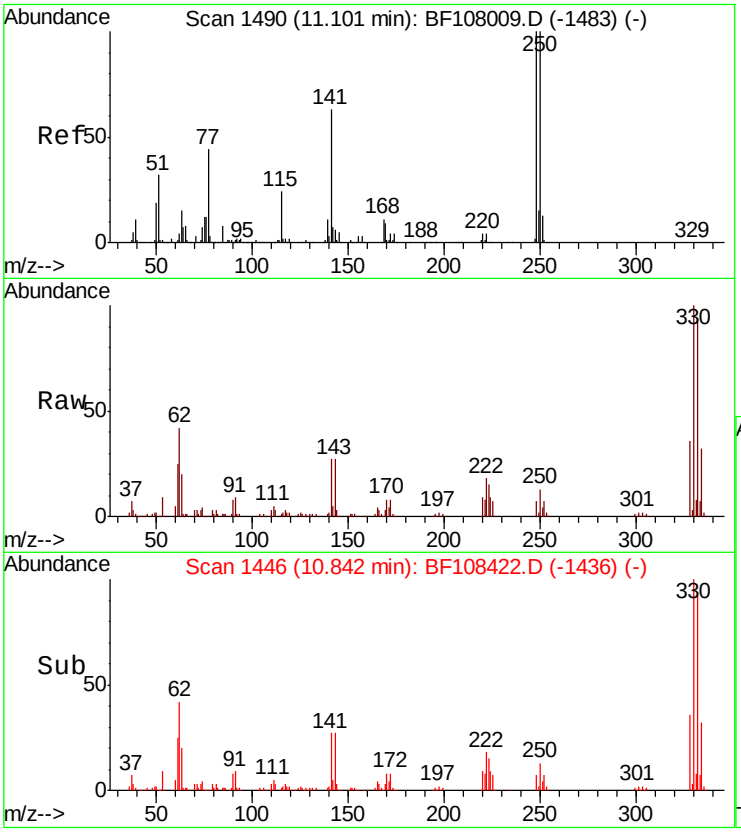


#64
4,6-Dinitro-2-methylphenol
Concen: 5.678 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:198 Resp: 866

Ion	Ratio	Lower	Upper
198	100		
51	140.1	37.7	77.7#
105	154.7	36.3	76.3#



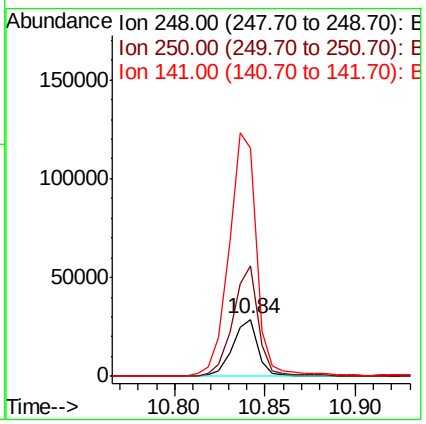


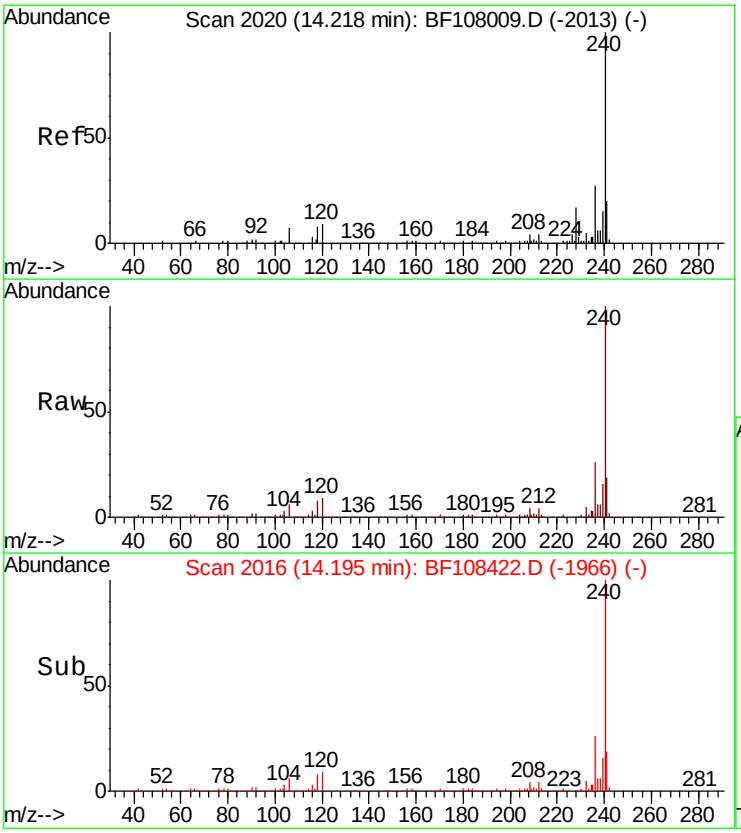
#66
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 28167

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.9	115.3#
141	403.2	74.4	111.6#

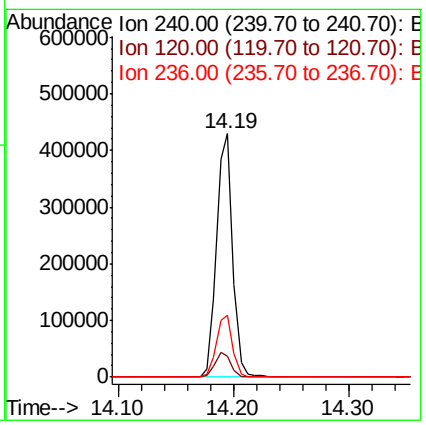


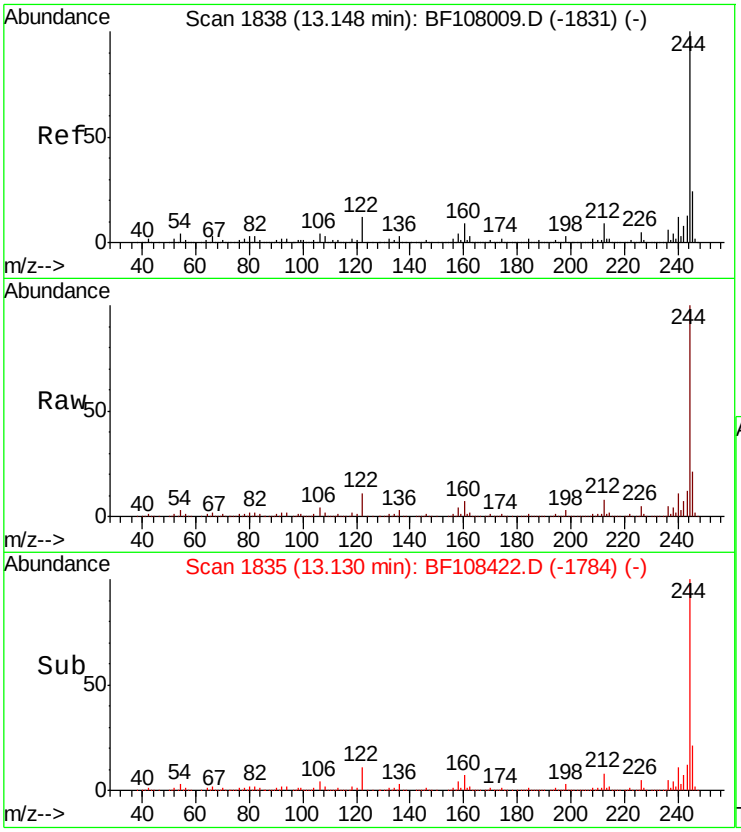


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:240 Resp: 413238

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.6	20.7	31.1



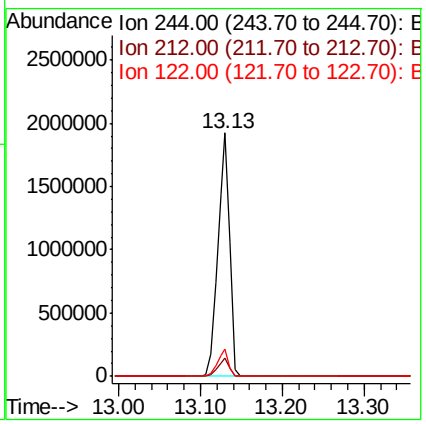


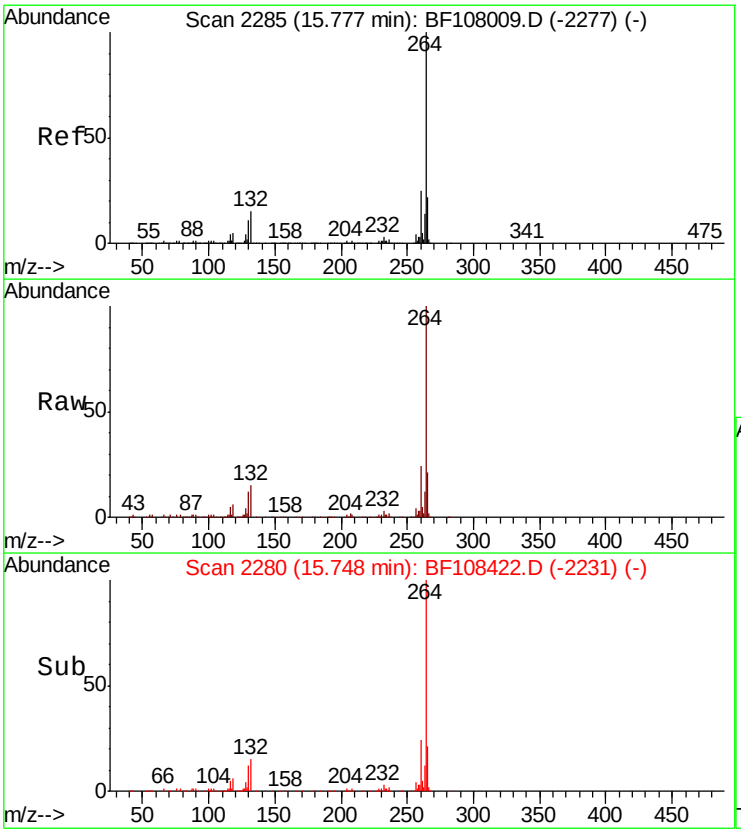
#78
Terphenyl-d14
Concen: 117.842 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1915253

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:264 Resp: 302105

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.7	17.5	26.3