Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108416.D
Acq On : 23 Aug 2018 8:02
Operator : JU/SJ
Sample : PB112196BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 08:40:23 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	158538	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	585505	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	276228	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	465317	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	312100	20.00	ng	-0.01
86) Perylene-d12	15.74	264	250945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	899118	102.68	ng	0.00
7) Phenol-d6	6.62	99	1198928	103.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	1151170	109.71	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	208153	75.55	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	2039952	118.56	ng	0.00
78) Terphenyl-d14	13.12	244	1481383	120.68	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.16	79	19616	2.002	ng	# 45
19) n-Nitroso-di-n-propylamine	7.57	70	157376	19.999	ng	# 82
25) Isophorone	7.57	82	1151151	57.559	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	35091	8.717	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	35091	6.772	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	344	5.534	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13137	2.598	ng	# 1

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

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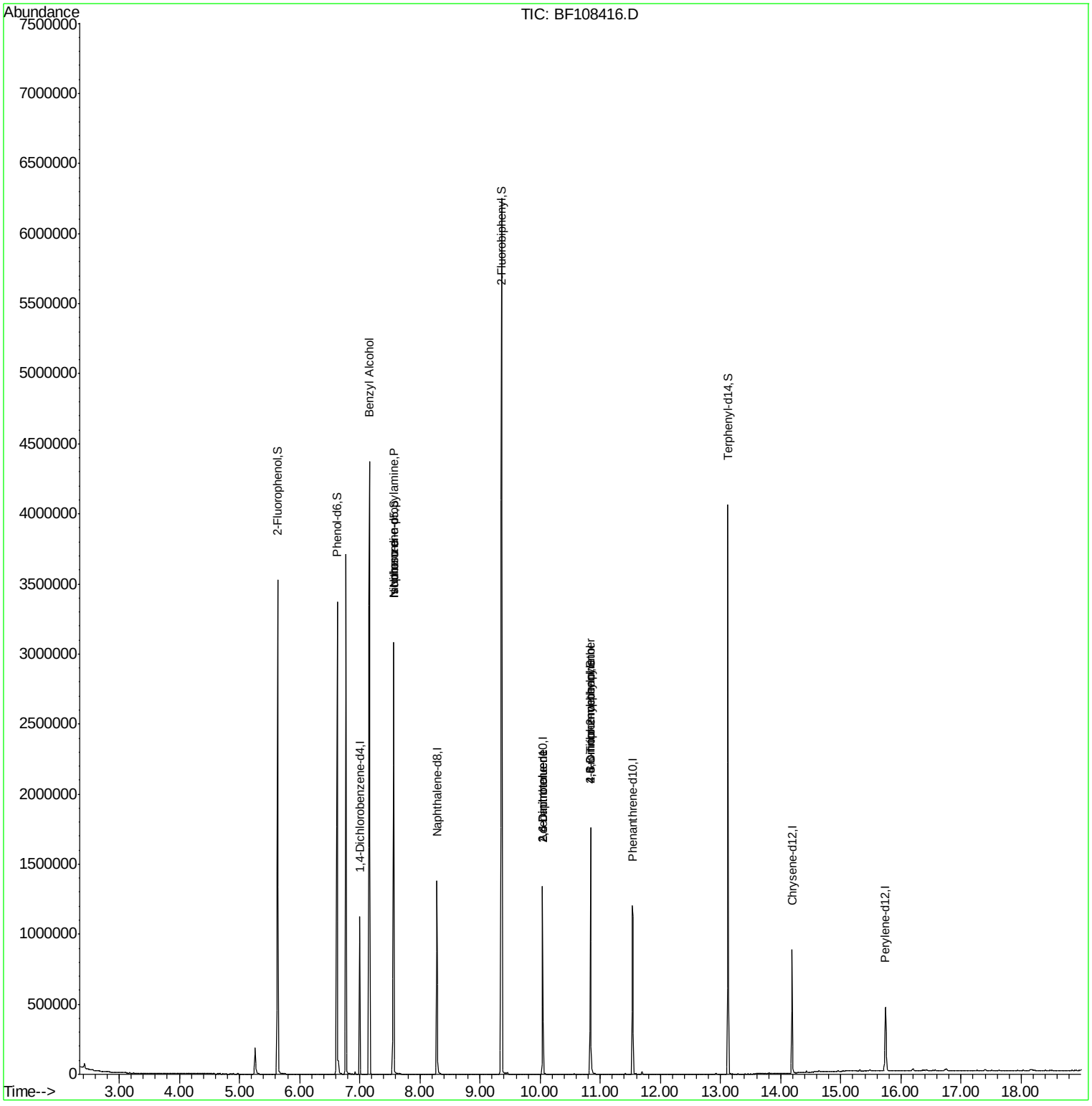
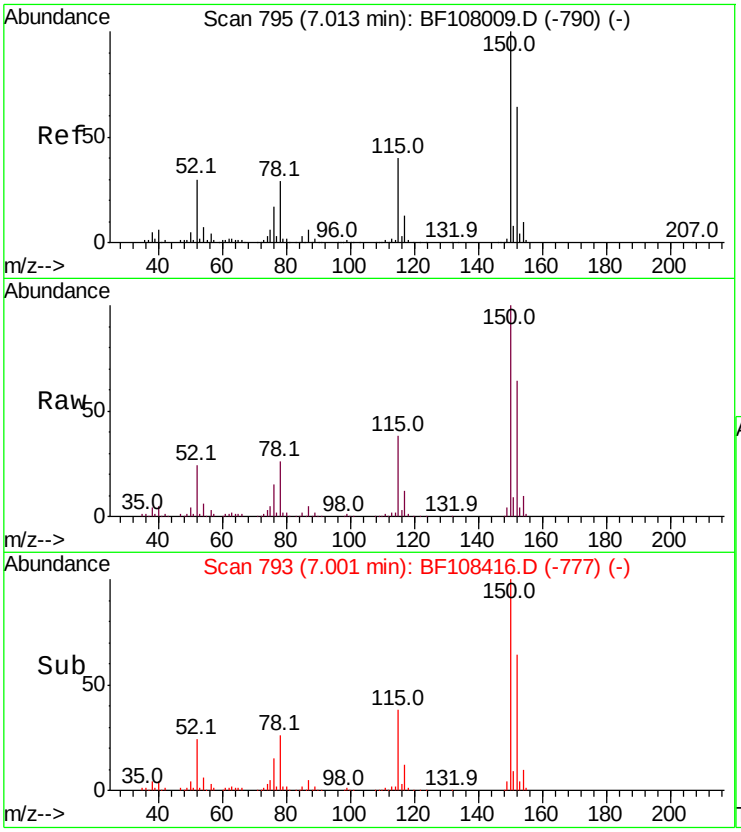


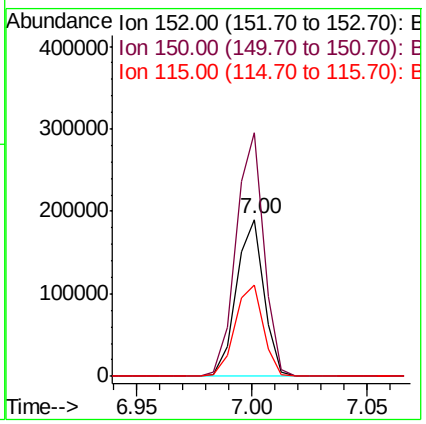


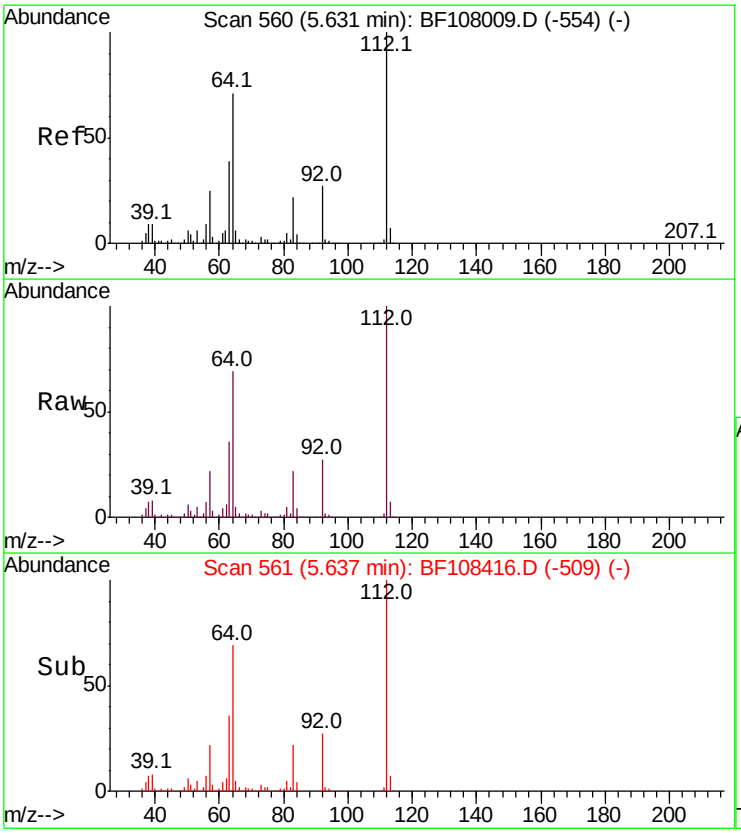
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 158538

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	58.4	50.1	75.1

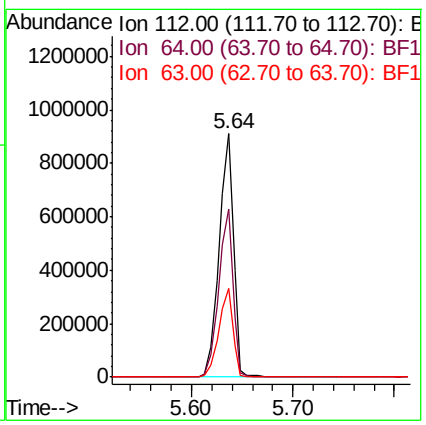


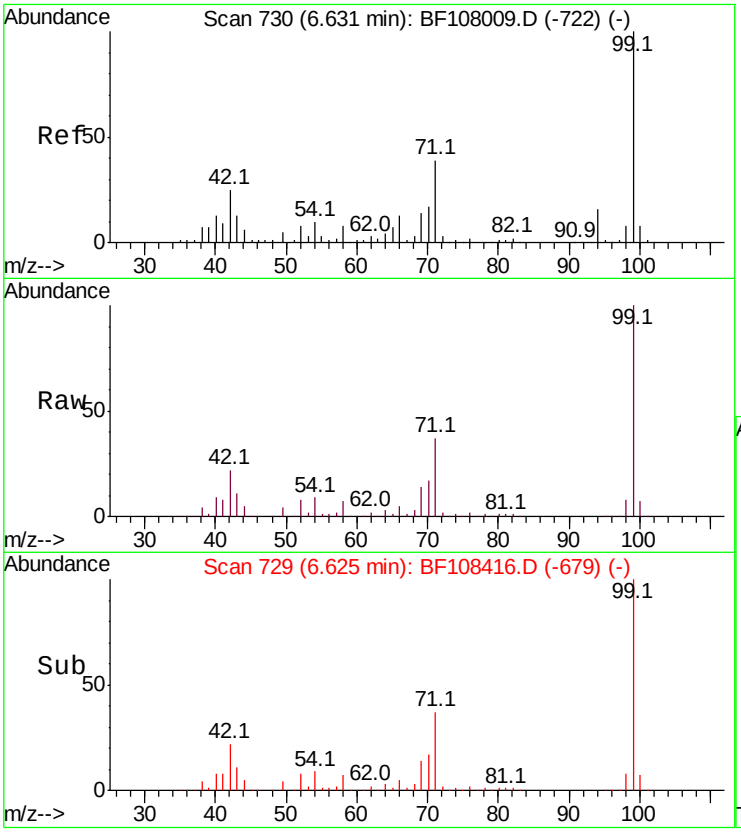


#5
2-Fluorophenol
Concen: 102.676 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:112 Resp: 899118

Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.5	23.7	35.5#



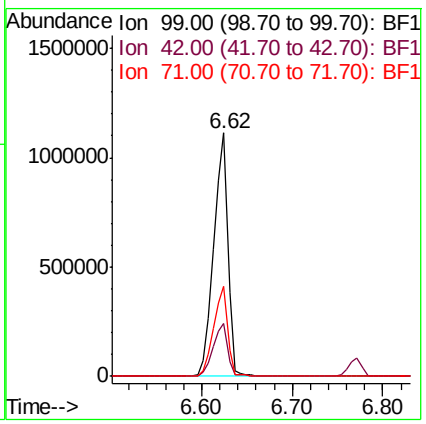


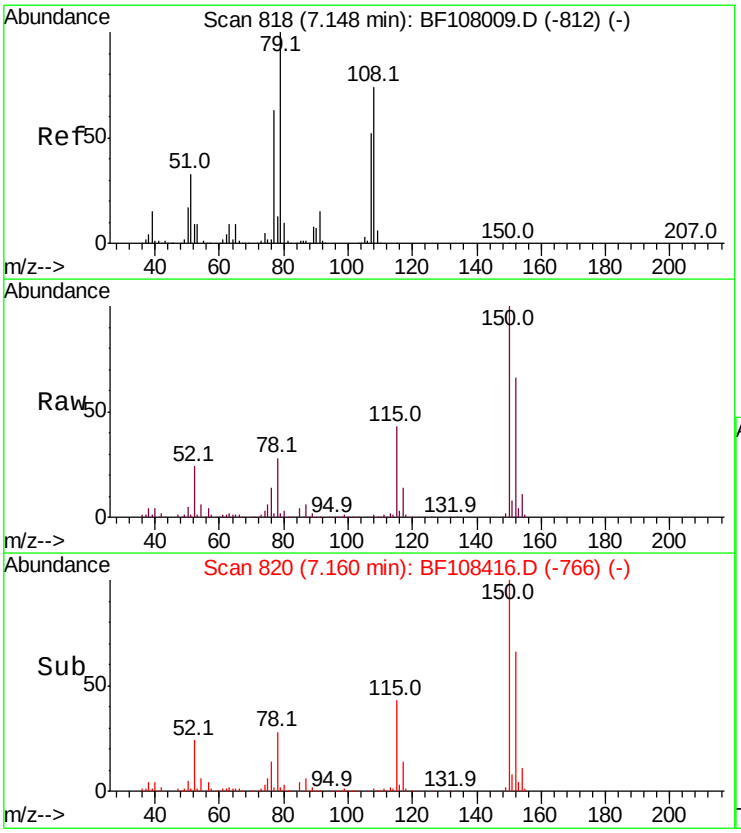
#7
Phenol-d6
Concen: 103.031 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1198928

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	37.2	25.4	38.0

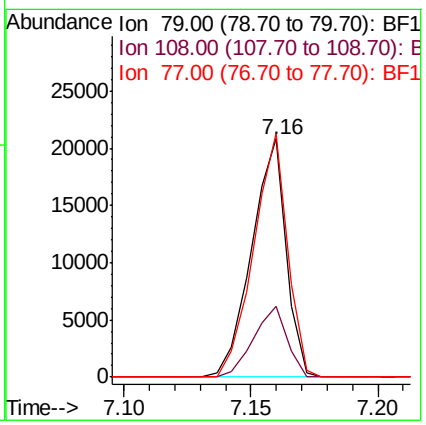


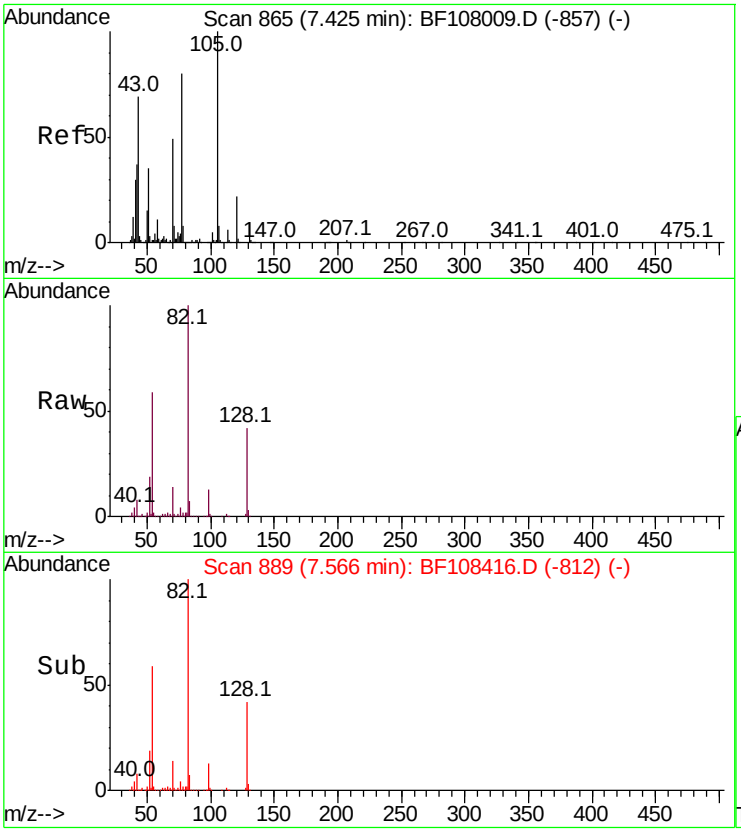


#15
Benzyl Alcohol
Concen: 2.002 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.02 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion: 79 Resp: 19616

Ion	Ratio	Lower	Upper
79	100		
108	29.8	65.1	97.7#
77	102.3	50.6	75.8#



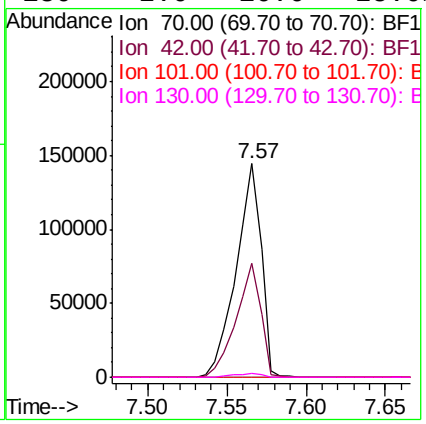


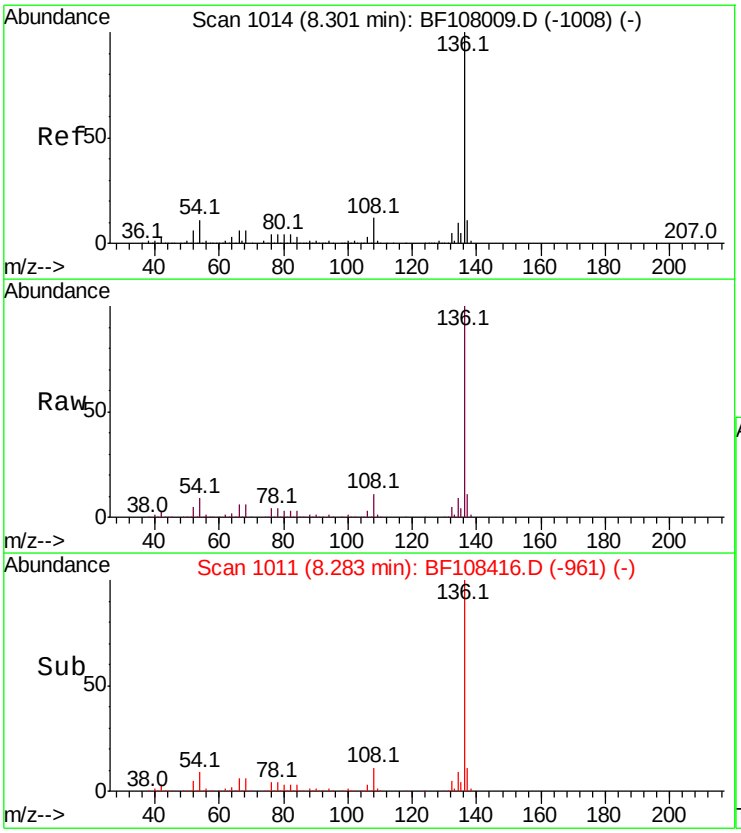
#19
n-Nitroso-di-n-propylamine
Concen: 19.999 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 157376

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

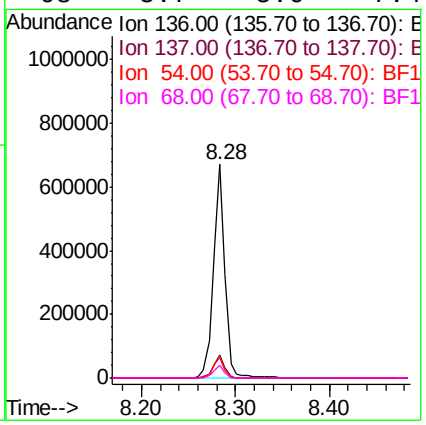


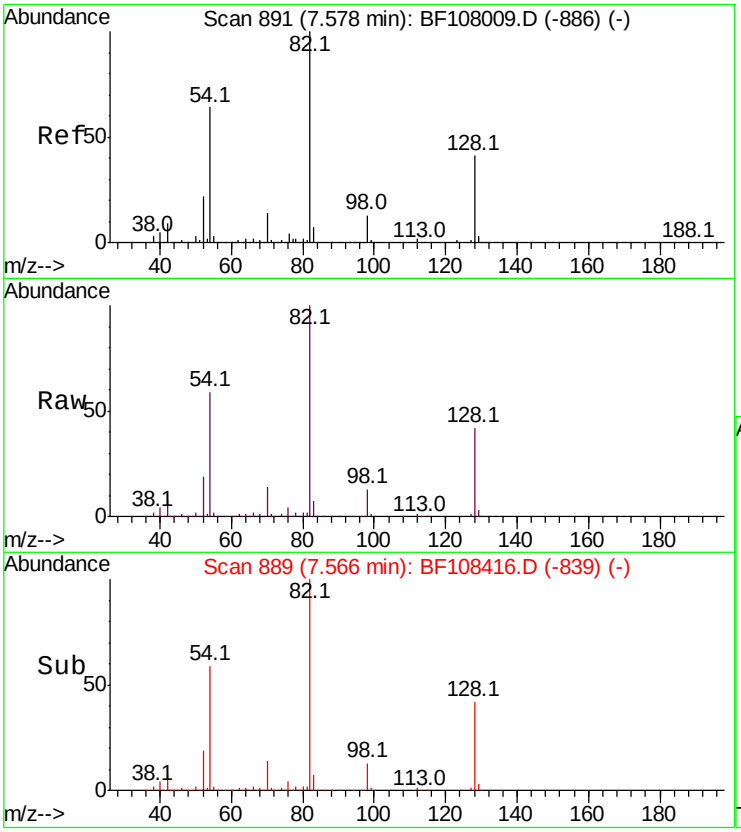


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:136 Resp: 585505

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4



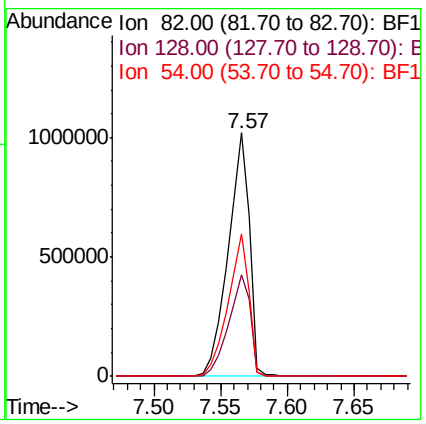


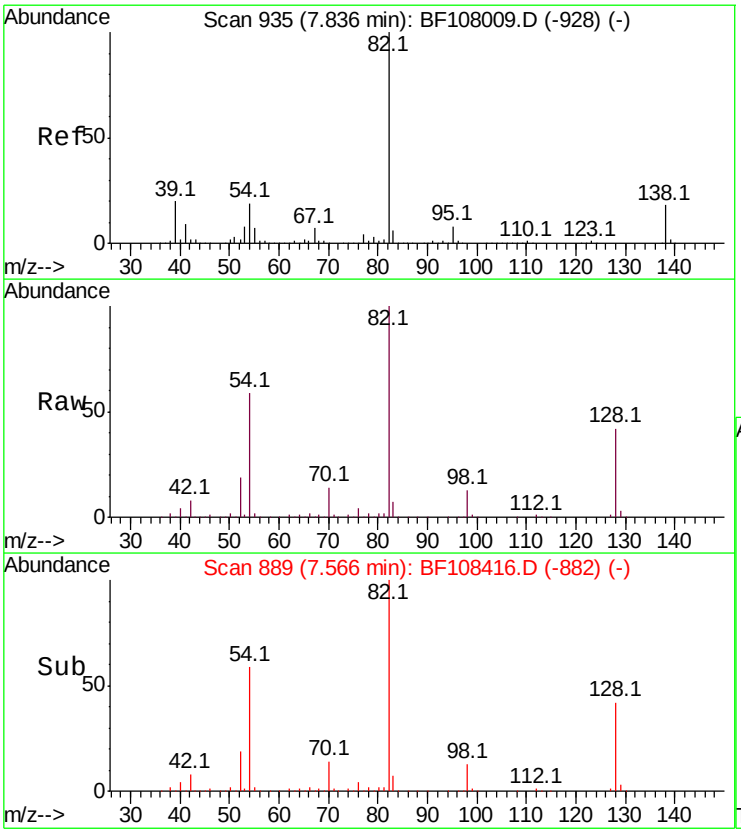
#23
Nitrobenzene-d5
Concen: 109.712 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1151170

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.8	41.4	62.2

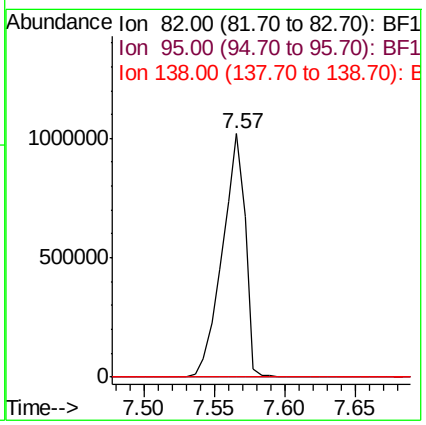


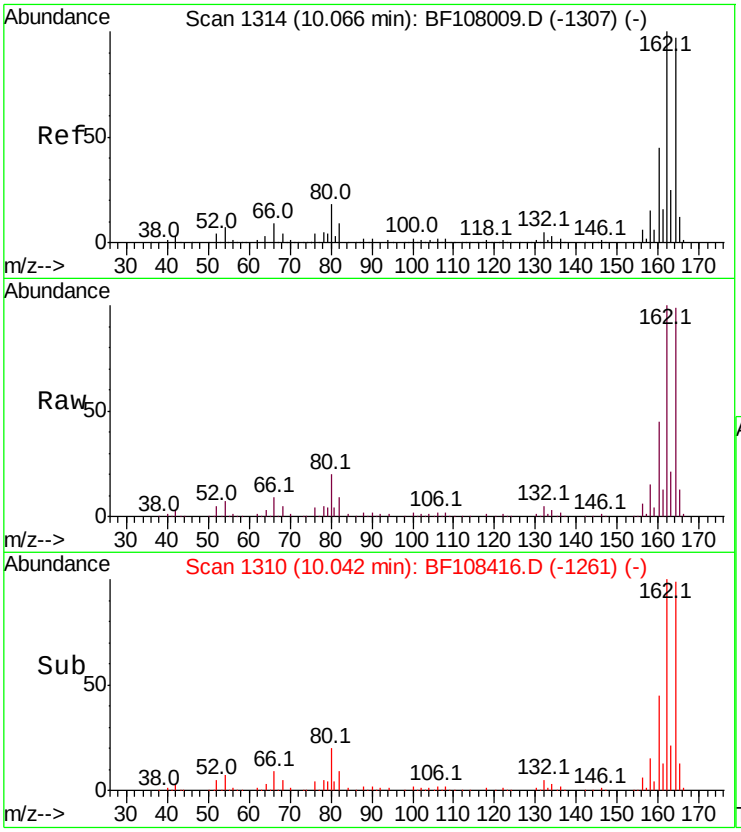


#25
Isophorone
Concen: 57.559 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion: 82 Resp: 1151151

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



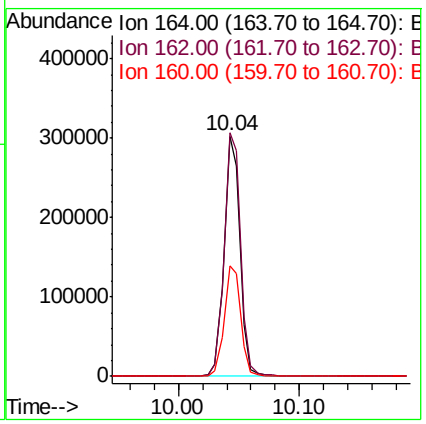


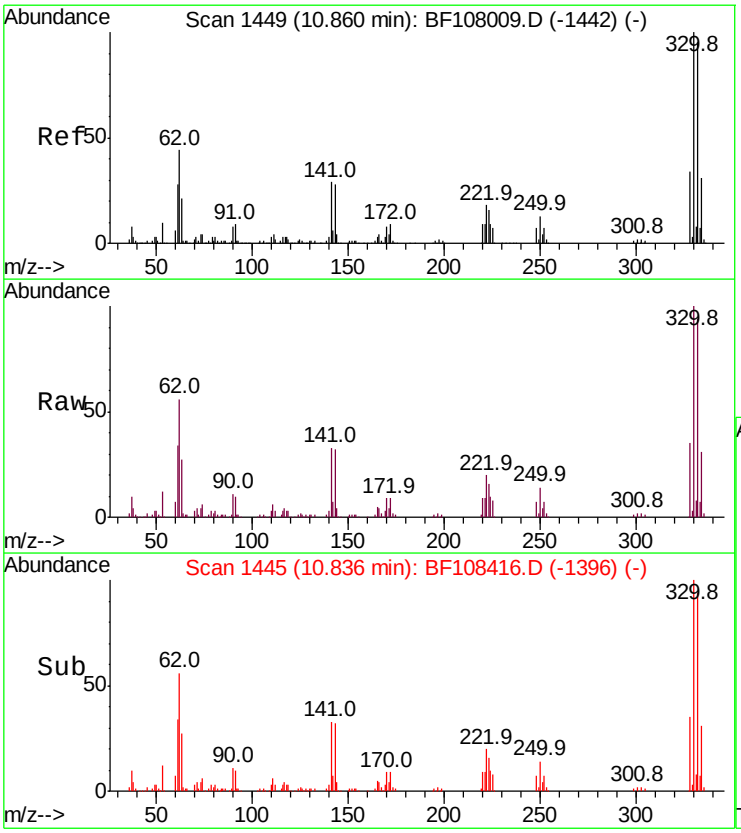
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 276228

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.0	38.3	57.5

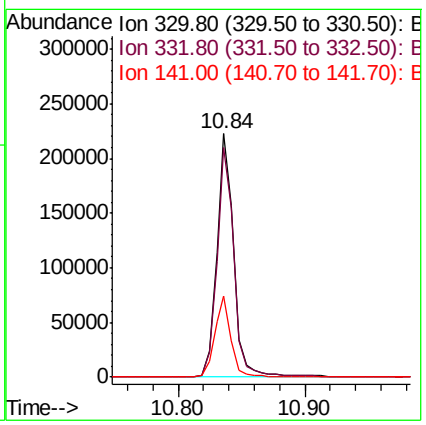


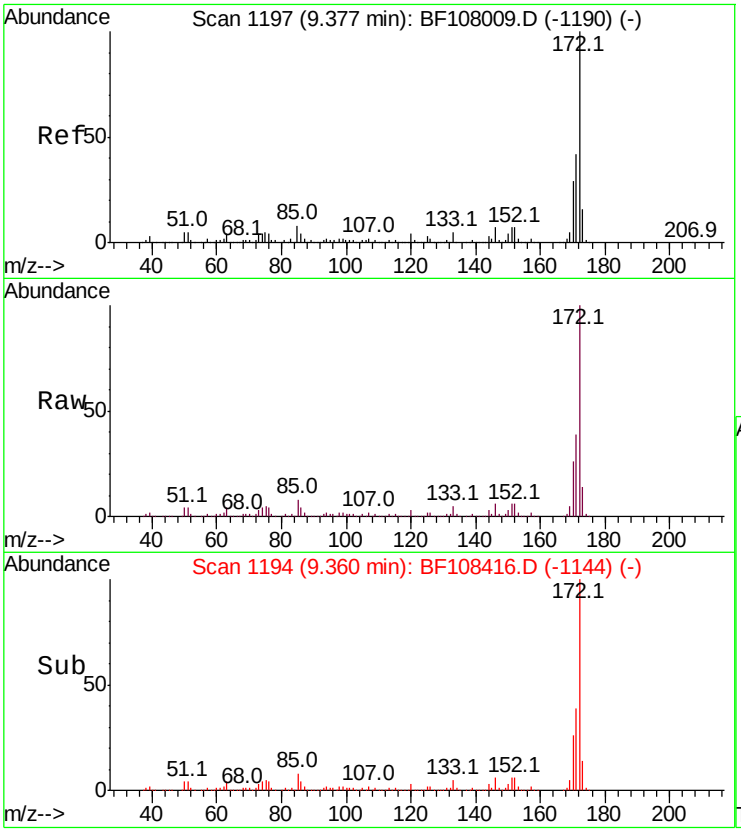


#41
2,4,6-Tribromophenol
Concen: 75.546 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:330 Resp: 208153

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.2	29.9	44.9



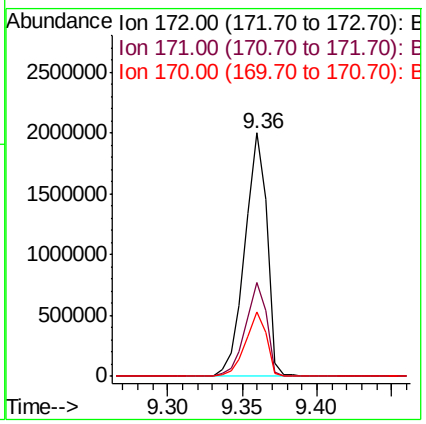


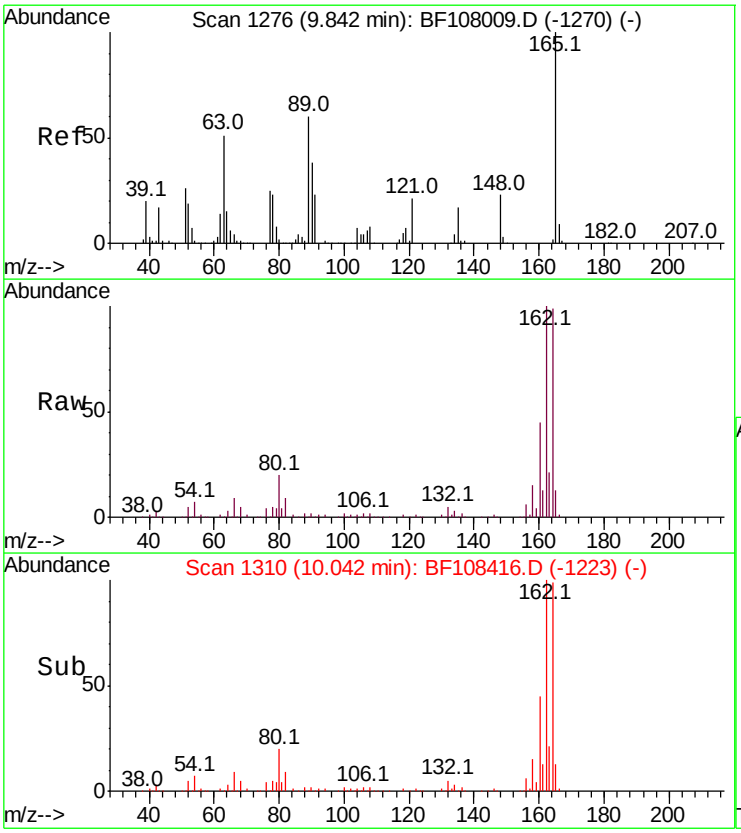
#44
2-Fluorobiphenyl
Concen: 118.564 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2039952

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.2	19.6	29.4

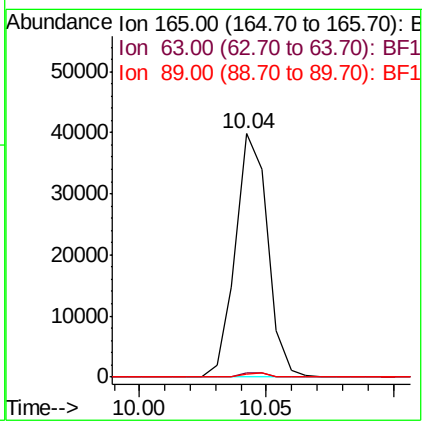


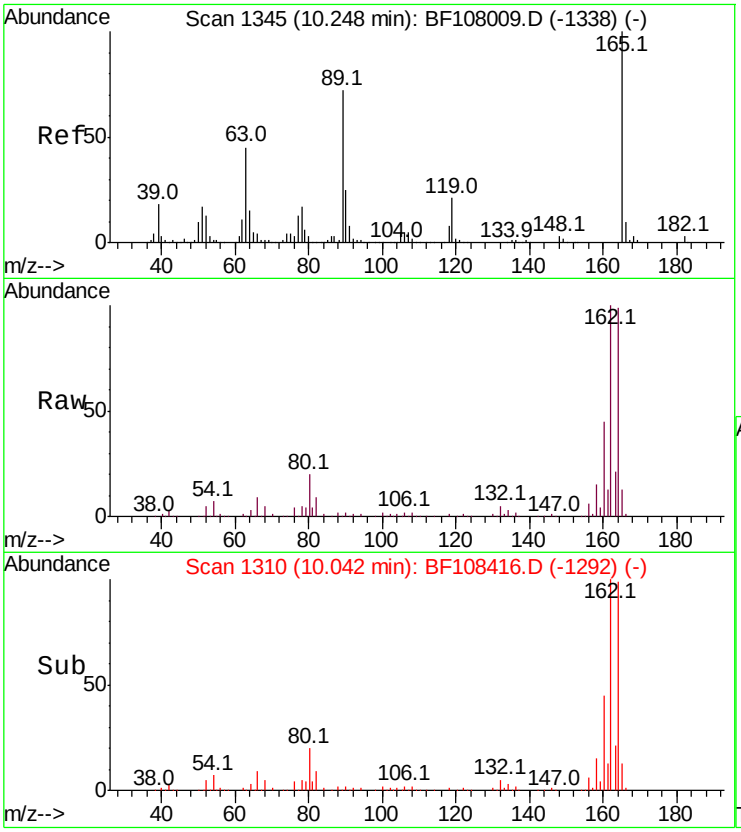


#50
2,6-Dinitrotoluene
Concen: 8.717 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:165 Resp: 35091

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



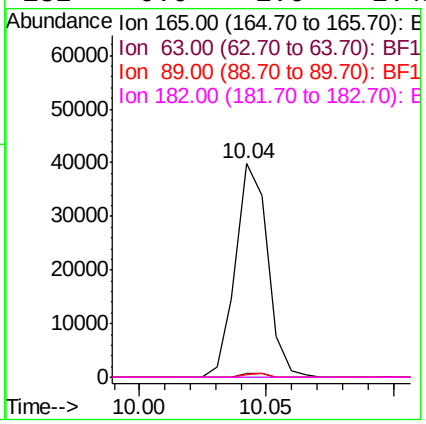


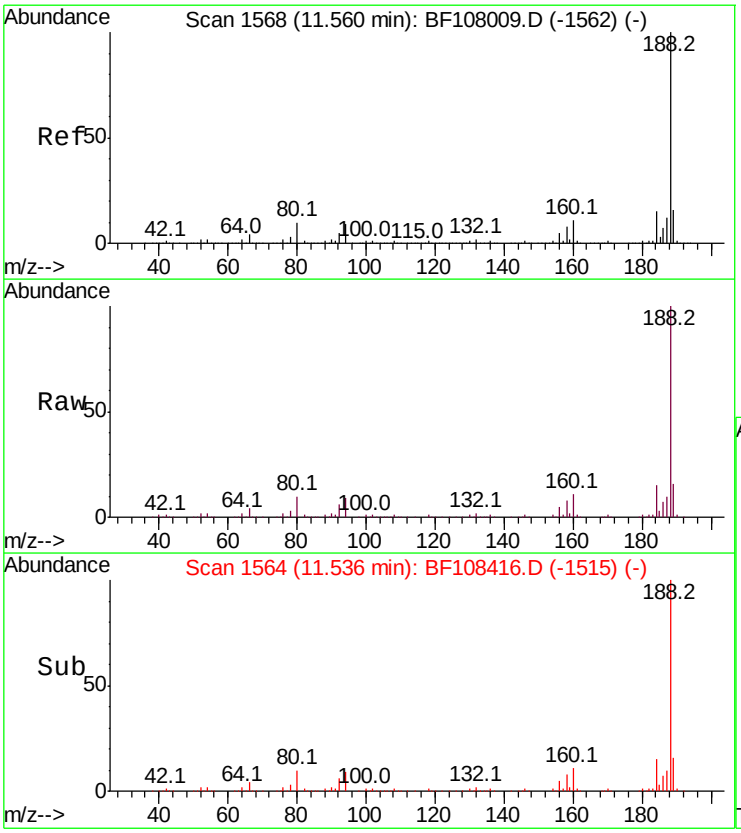
#56
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35091

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

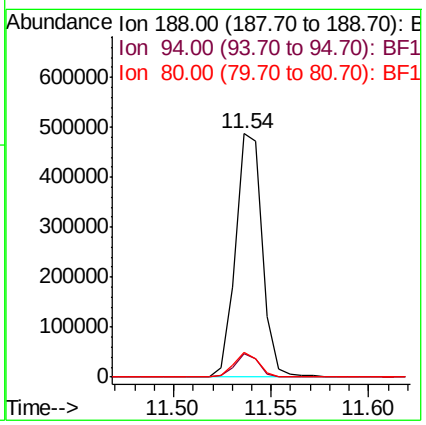


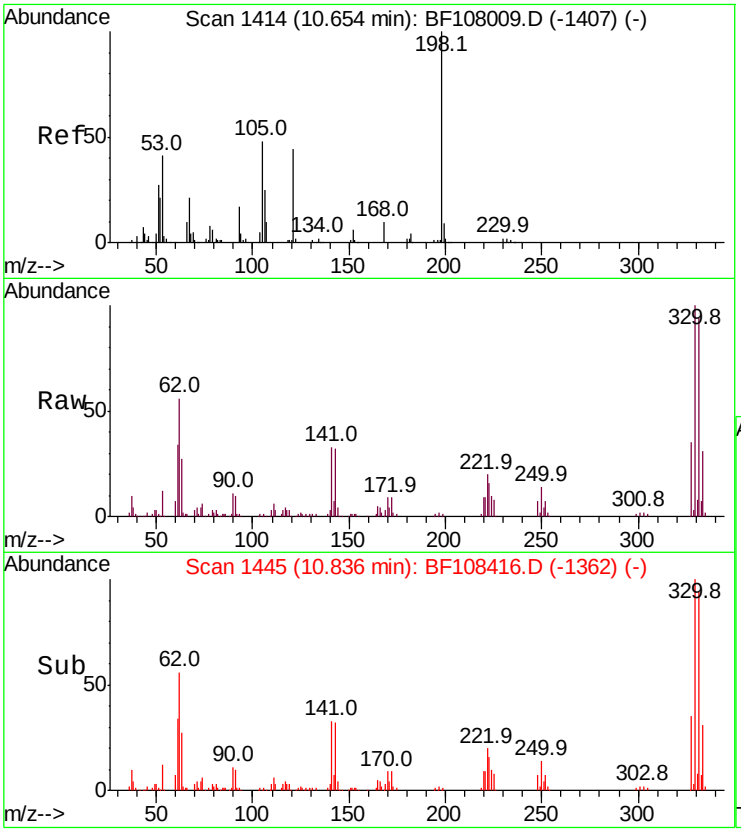


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:188 Resp: 465317

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	9.2	13.8



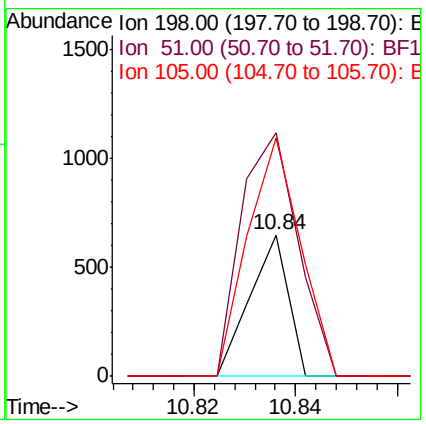


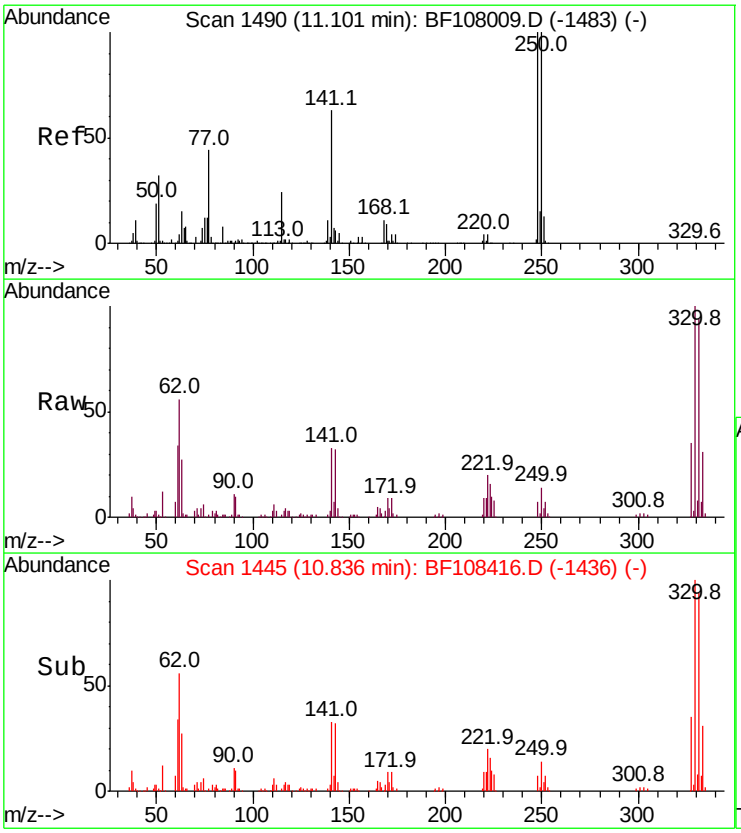
#64
4,6-Dinitro-2-methylphenol
Concen: 5.534 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 344

Ion	Ratio	Lower	Upper
198	100		
51	172.2	37.7	77.7#
105	169.0	36.3	76.3#

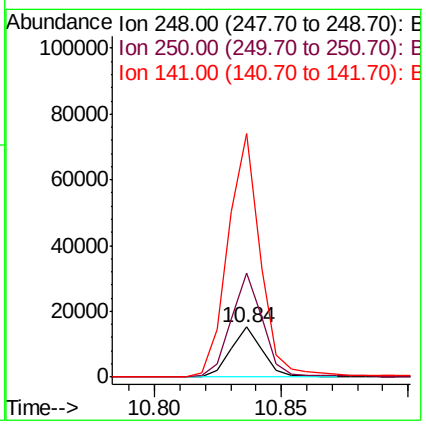


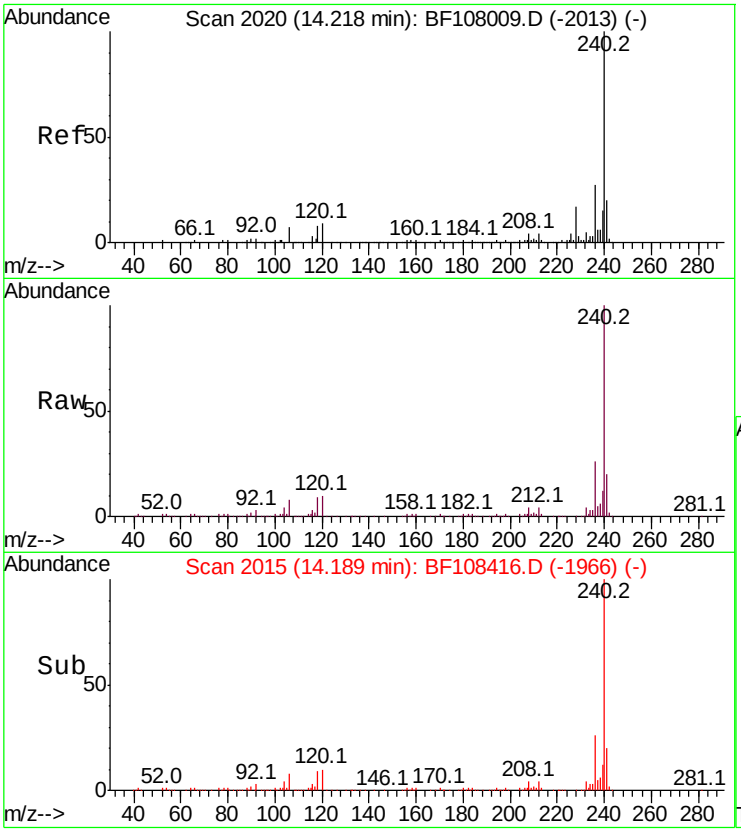


#66
4-Bromophenyl-phenylether
Concen: 2.598 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:248 Resp: 13137

Ion	Ratio	Lower	Upper
248	100		
250	207.0	76.9	115.3#
141	484.4	74.4	111.6#



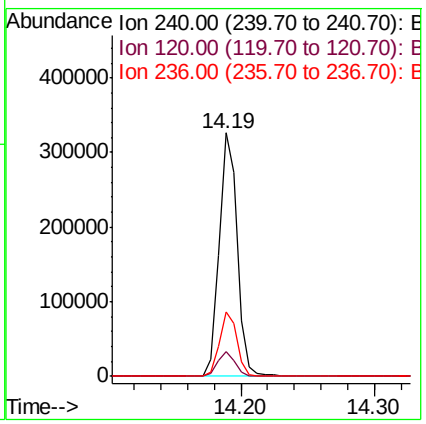


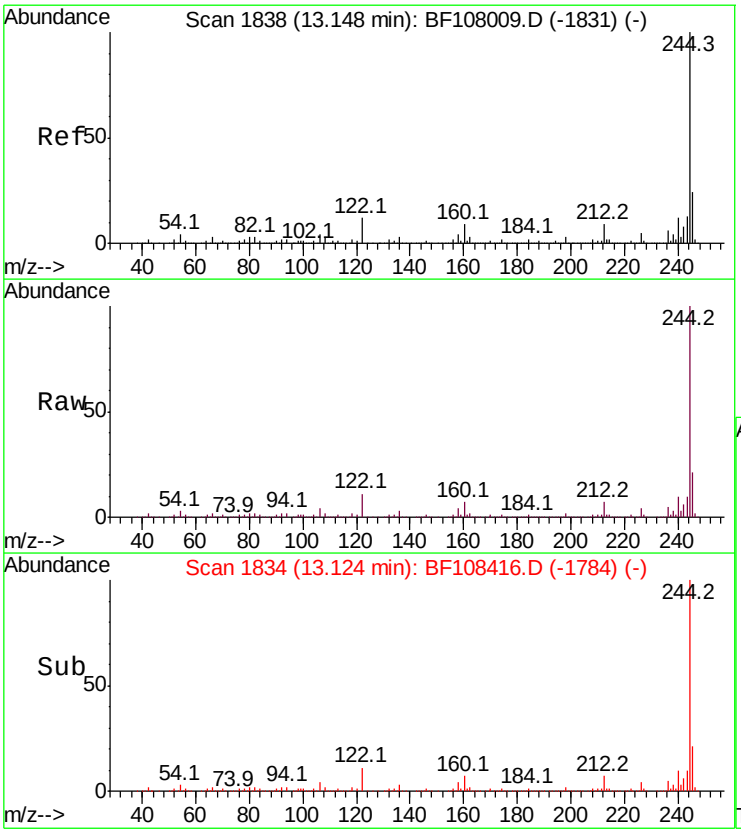
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 312100

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.4	20.7	31.1

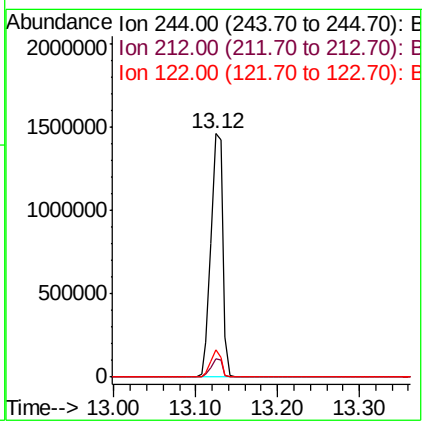


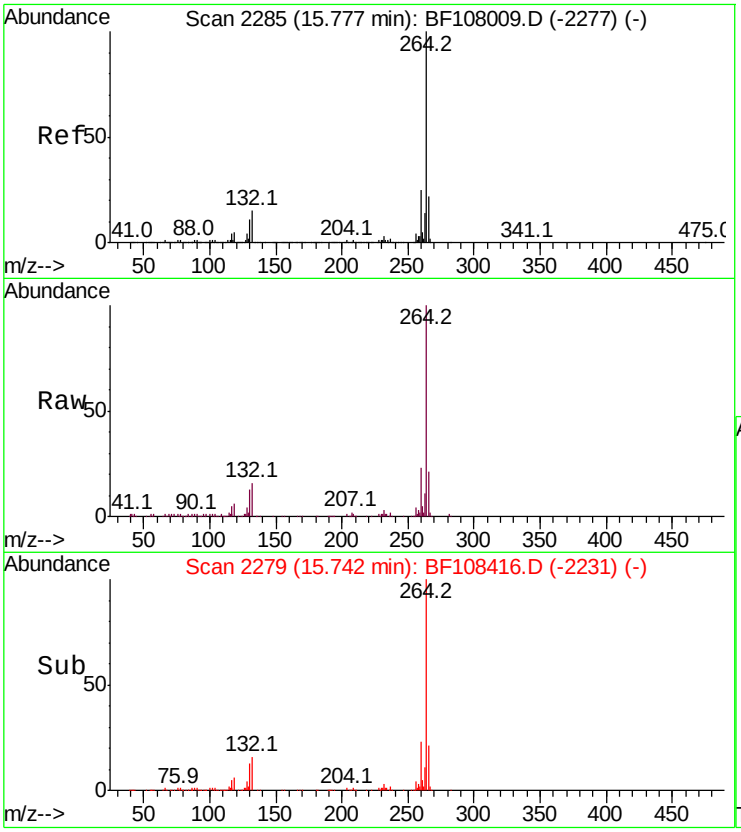


#78
Terphenyl-d14
Concen: 120.683 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:244 Resp: 1481383

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 250945

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3