Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108486.D
Acq On : 25 Aug 2018 1:39
Operator : JU/SJ
Sample : J4612-04 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200027

Quant Time: Aug 25 02:10:16 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	129392	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	494539	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	230454	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	375214	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	272748	20.00	ng	-0.01
86) Perylene-d12	15.74	264	278865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	491507	68.77	ng	0.00
7) Phenol-d6	6.62	99	662492	69.76	ng	-0.01
23) Nitrobenzene-d5	7.56	82	425596	48.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	127734	55.57	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	802764	55.92	ng	-0.01
78) Terphenyl-d14	13.12	244	579328	54.01	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	56041	8.726	ng	# 82
25) Isophorone	7.56	82	425656	25.198	ng	# 64
49) Dimethylphthalate	9.75	163	71945	4.482	ng	98
50) 2,6-Dinitrotoluene	10.04	165	29908	8.905	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	29908	6.918	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	108	5.427	ng	# 1

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

Quantitation Report (Not Reviewed)

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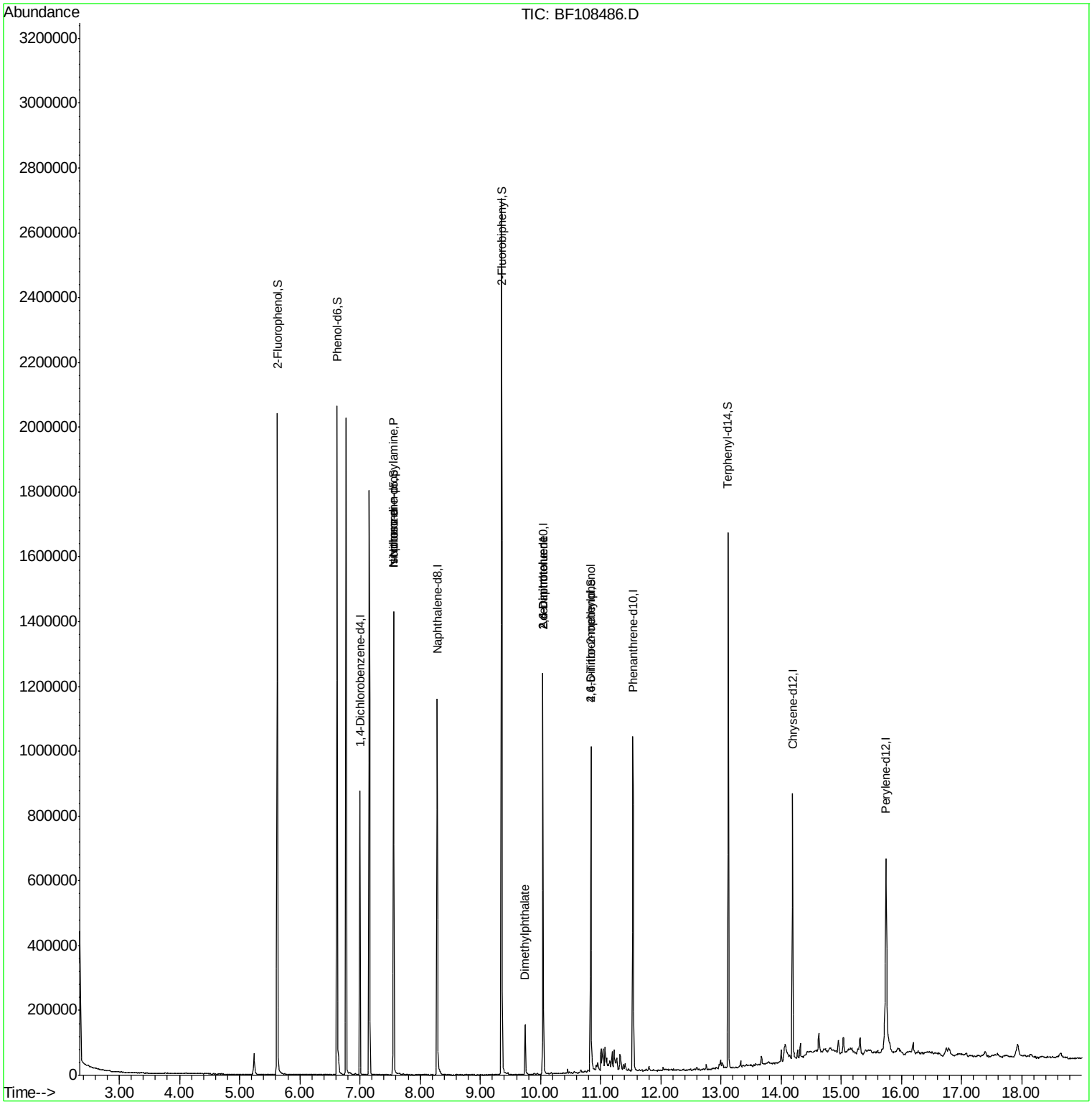
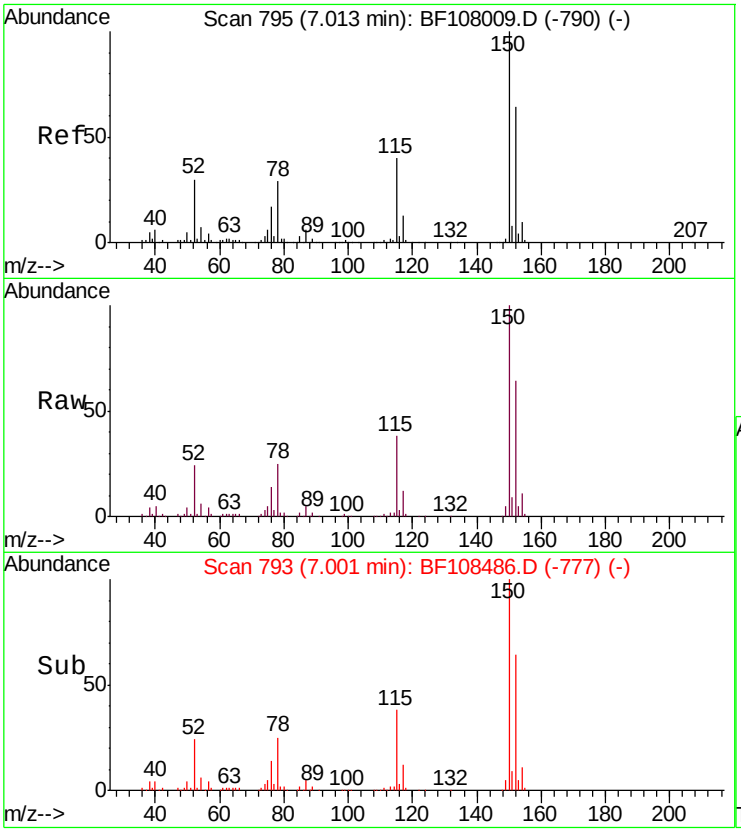


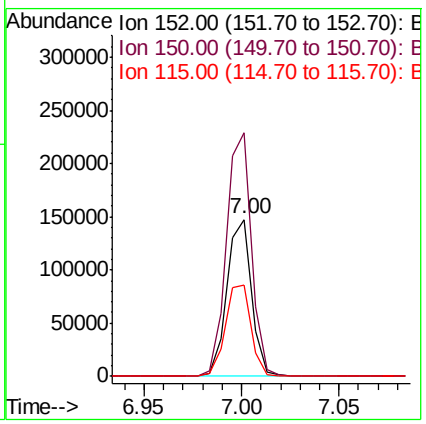


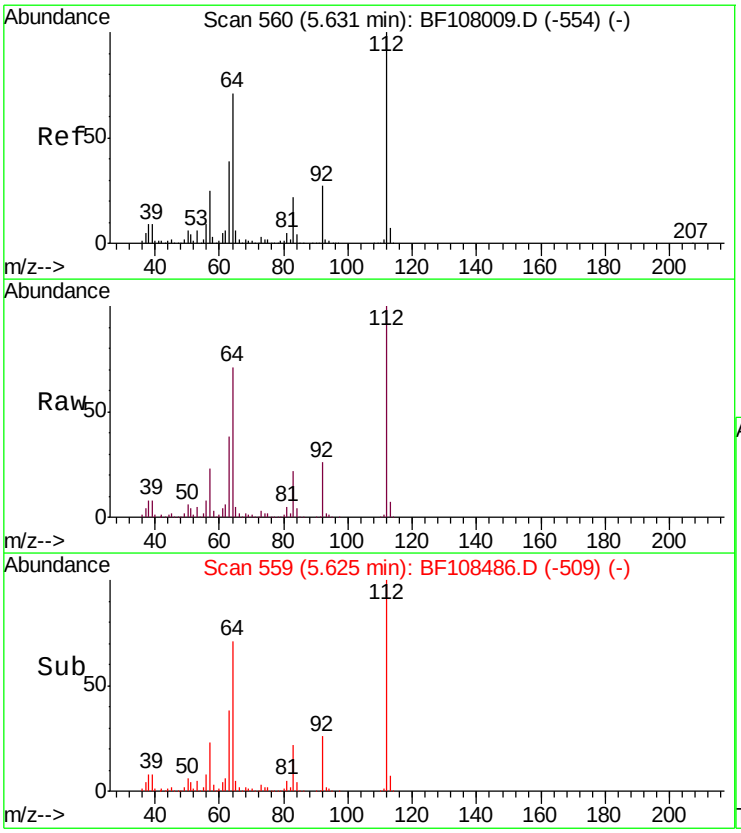
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:152 Resp: 129392

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	58.2	50.1	75.1

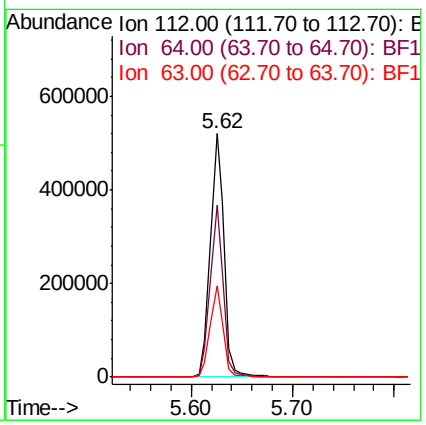


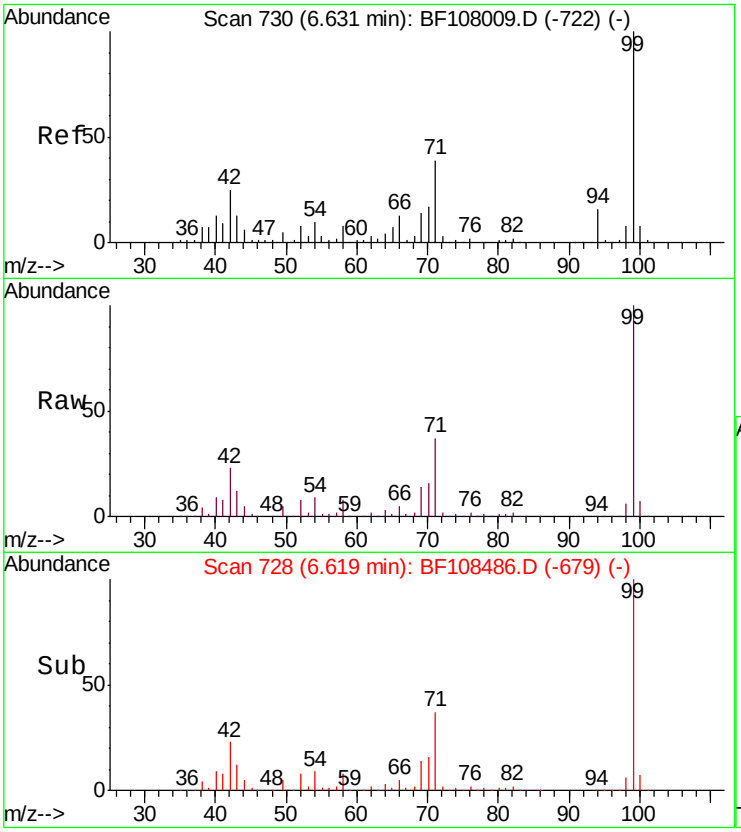


#5
2-Fluorophenol
Concen: 68.772 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:112 Resp: 491507

Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.7	23.7	35.5#



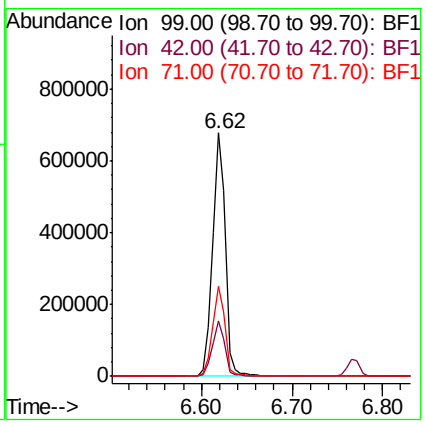


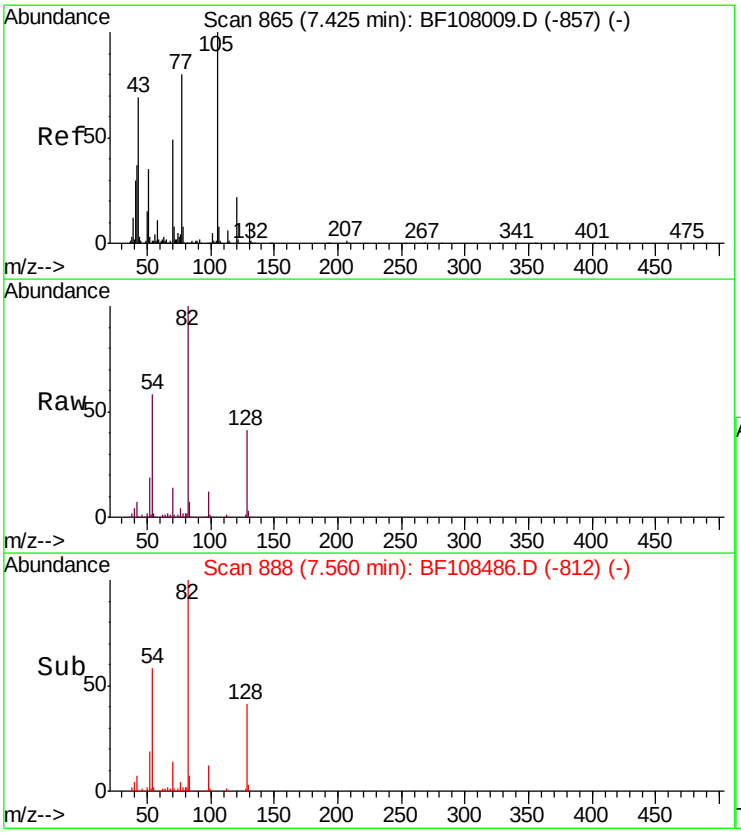
#7
Phenol-d6
Concen: 69.756 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion: 99 Resp: 662492

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	37.2	25.4	38.0

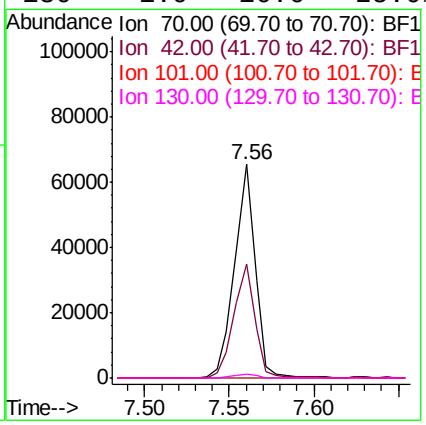


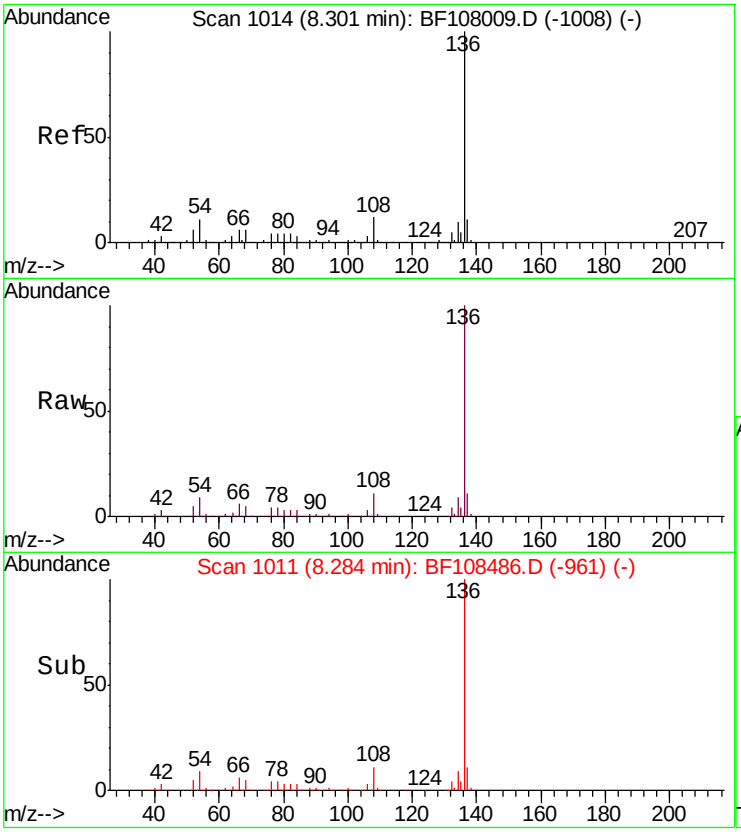


#19
n-Nitroso-di-n-propylamine
Concen: 8.726 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion: 70 Resp: 56041

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



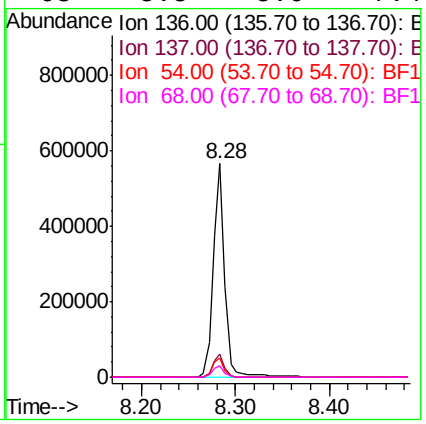


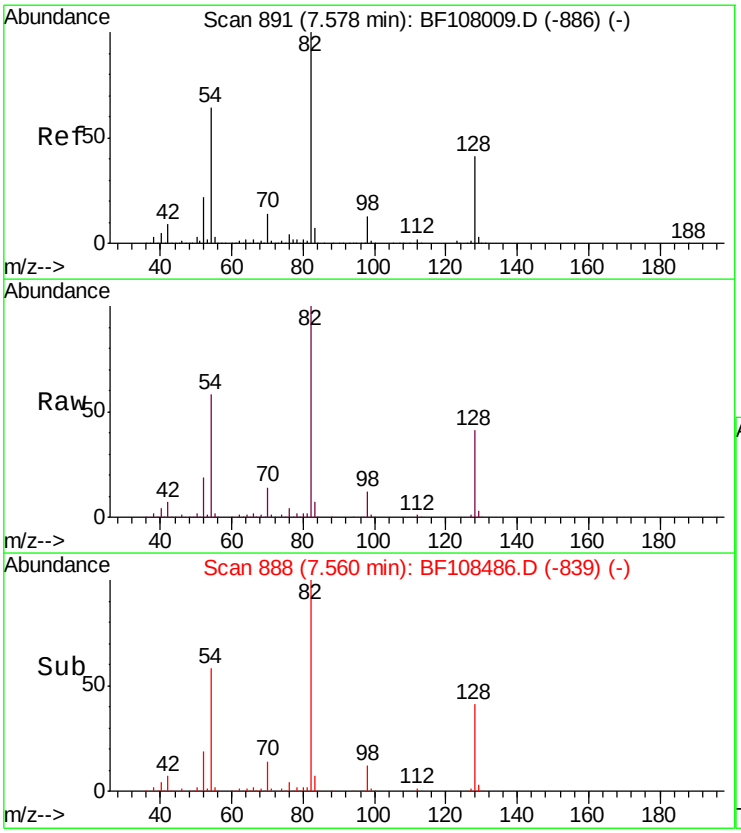
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:136 Resp: 494539

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	5.5	5.0	7.4

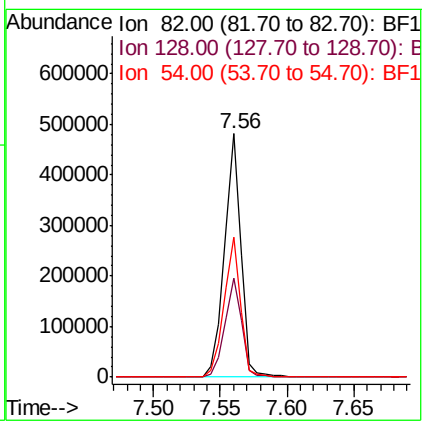


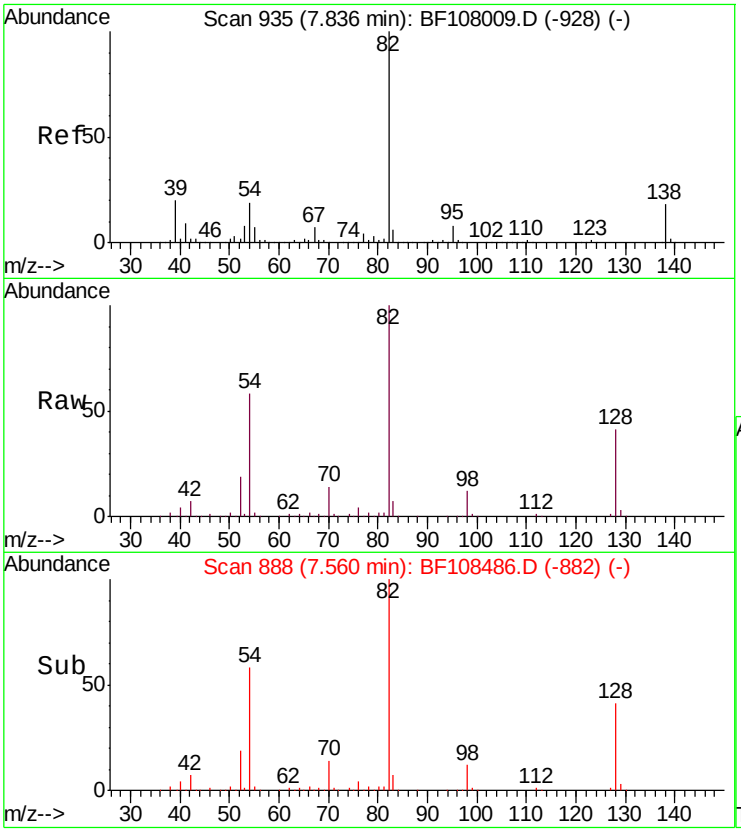


#23
Nitrobenzene-d5
Concen: 48.022 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion: 82 Resp: 425596

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	57.6	41.4	62.2



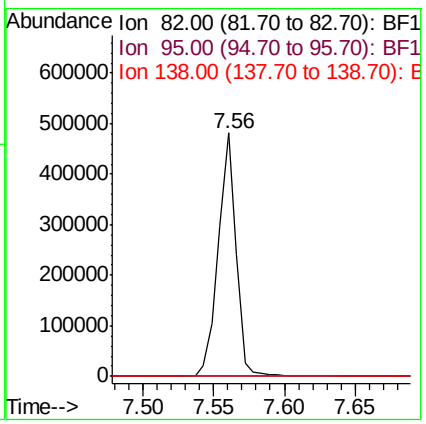


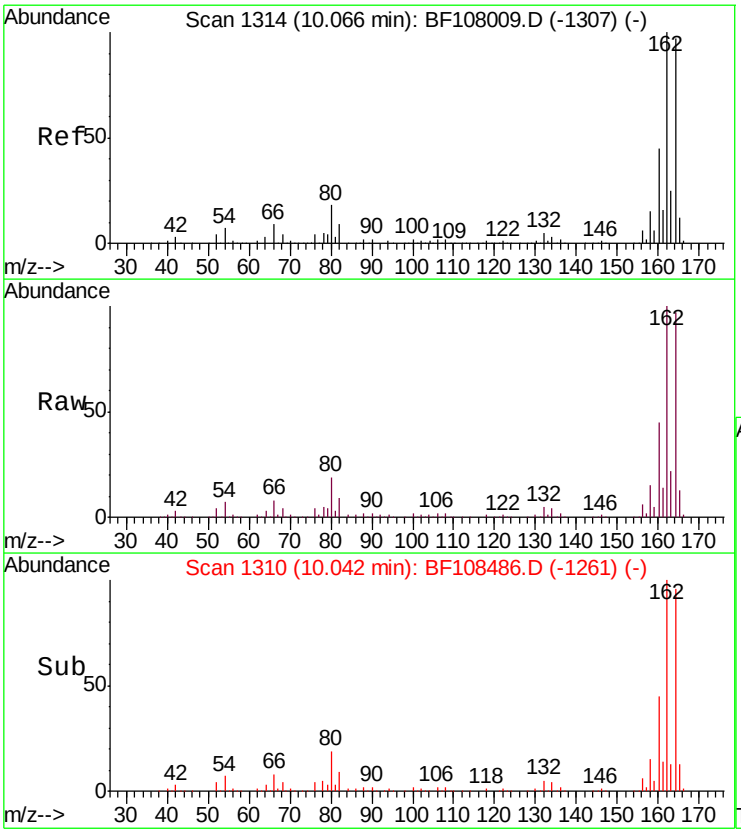
#25
Isophorone
Concen: 25.198 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion: 82 Resp: 425656

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

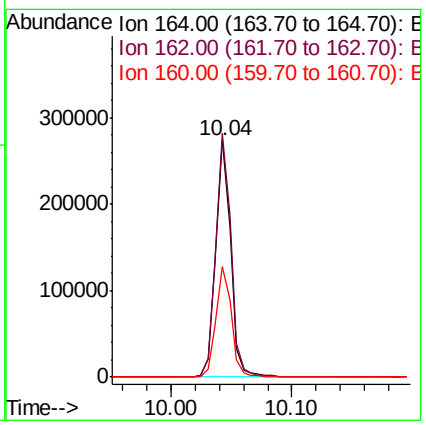


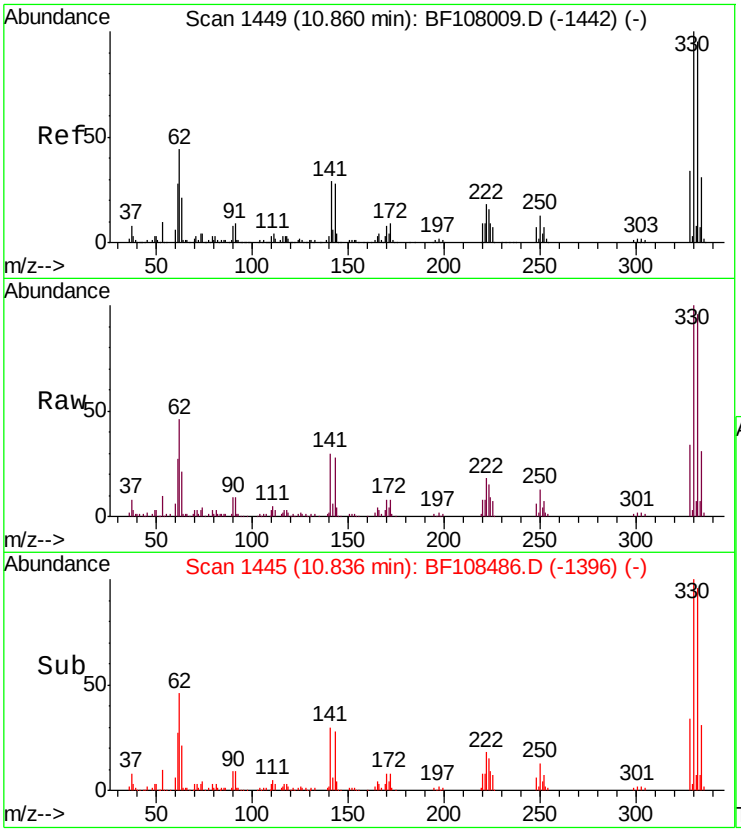


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:164 Resp: 230454

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.7	38.3	57.5



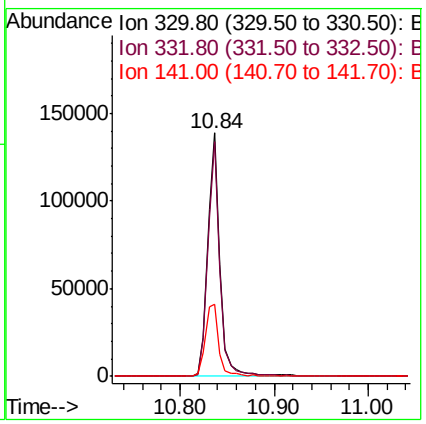


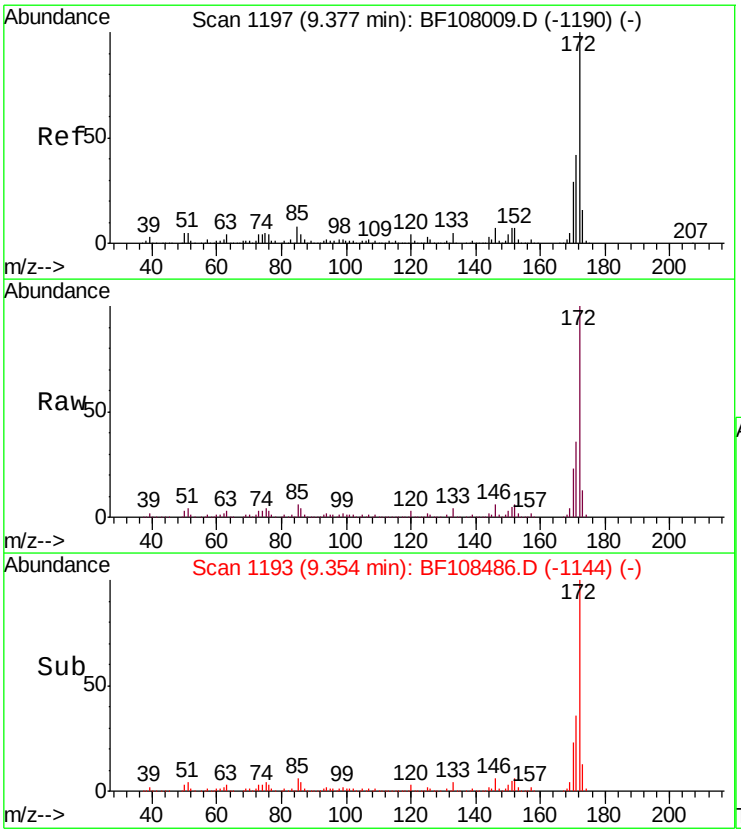
#41
2,4,6-Tribromophenol
Concen: 55.567 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:330 Resp: 127734

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.1	29.9	44.9

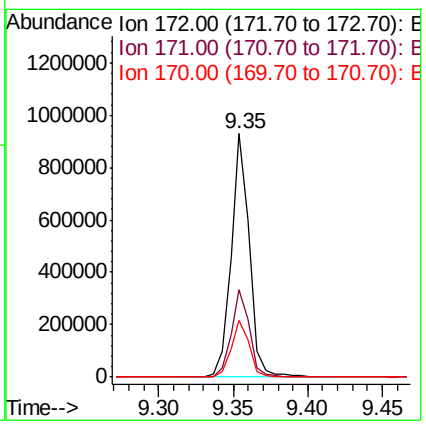


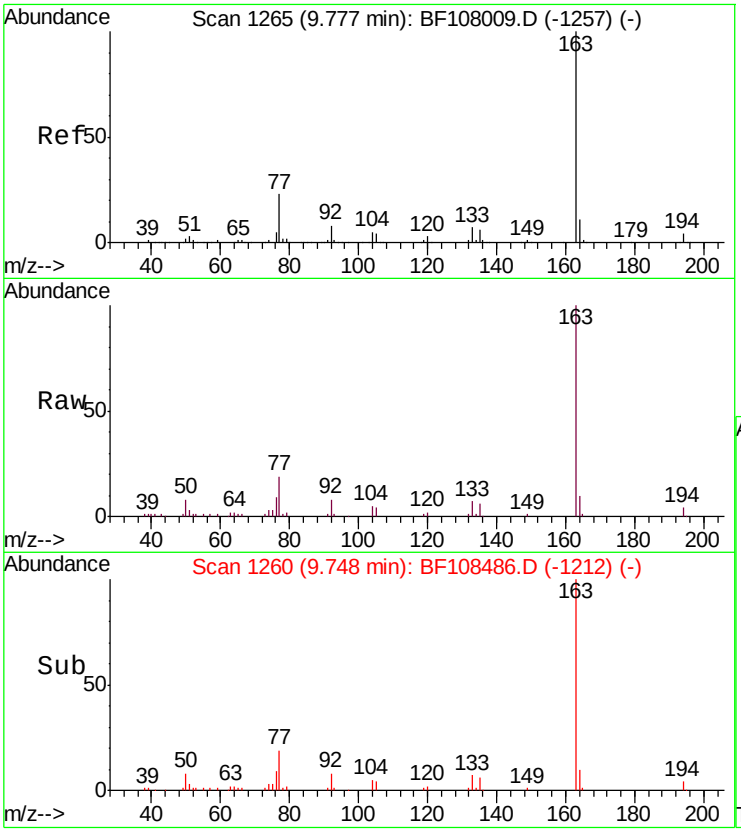


#44
2-Fluorobiphenyl
Concen: 55.925 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:172 Resp: 802764

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4



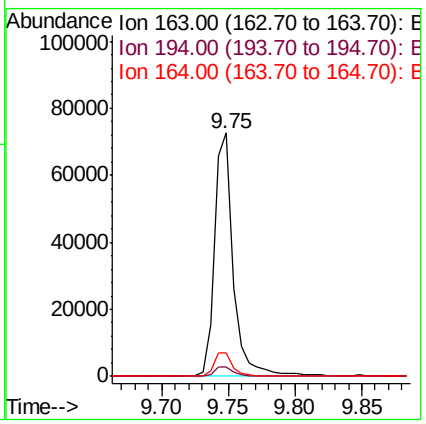


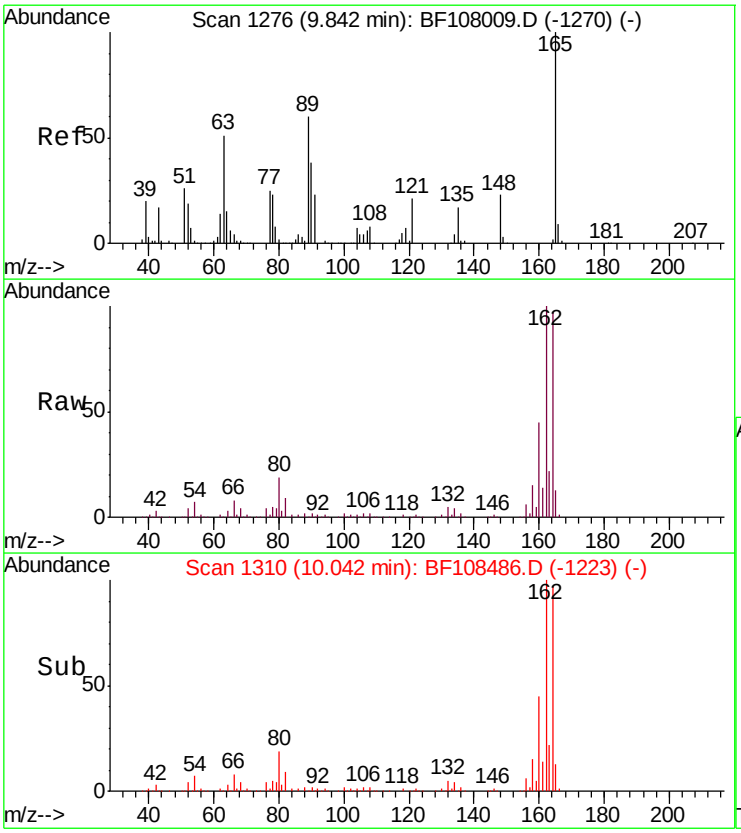
#49
Dimethylphthalate
Concen: 4.482 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:163 Resp: 71945

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.5	8.2	12.2

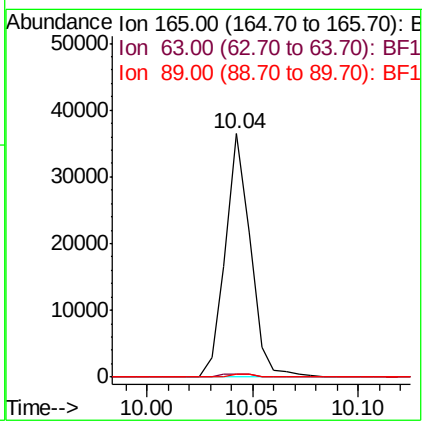


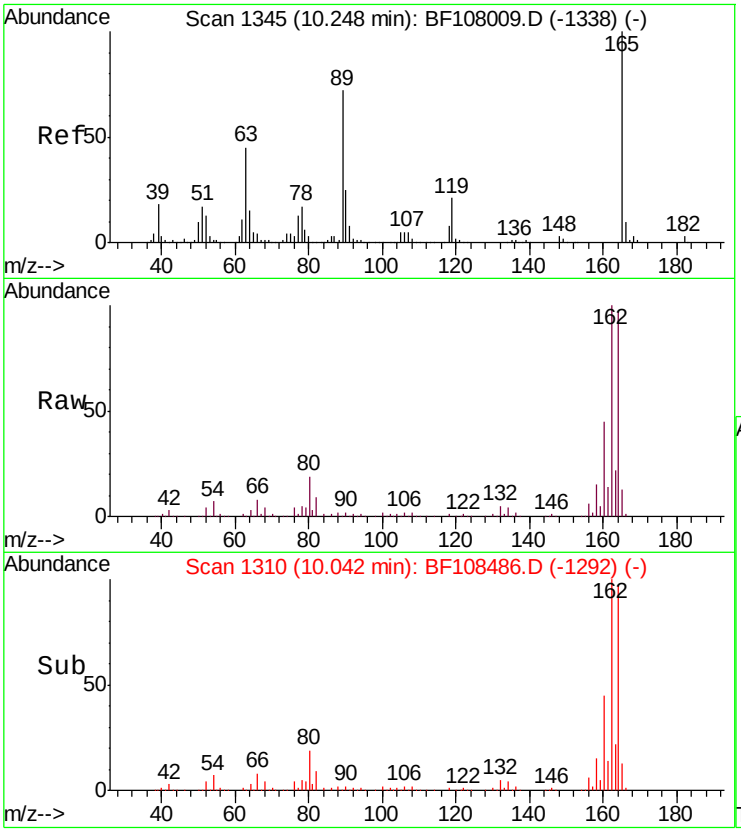


#50
2,6-Dinitrotoluene
Concen: 8.905 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:165 Resp: 29908

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



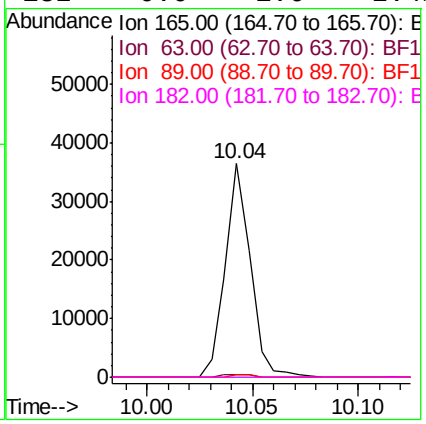


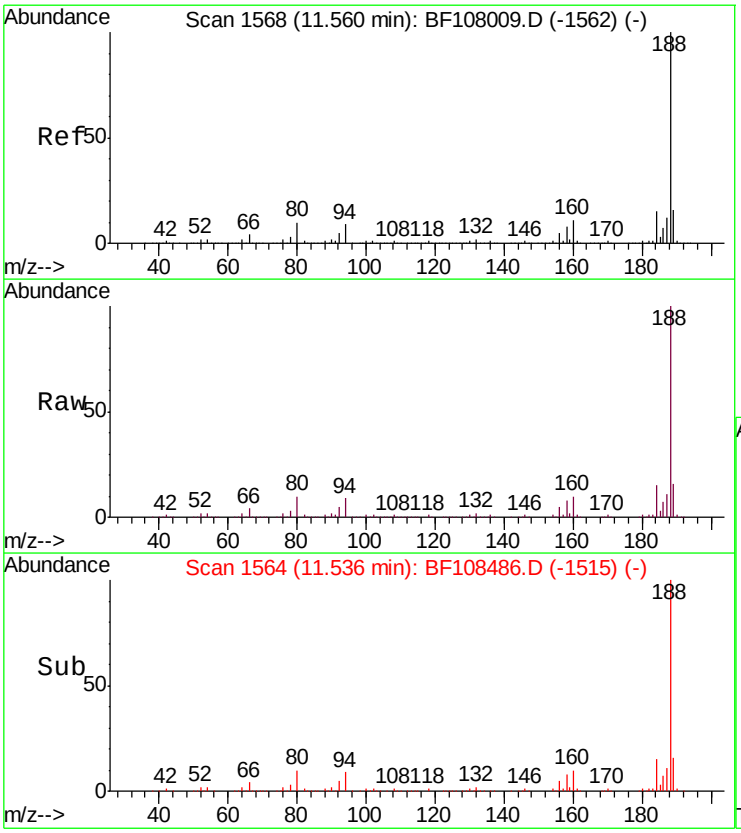
#56
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:165 Resp: 29908

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

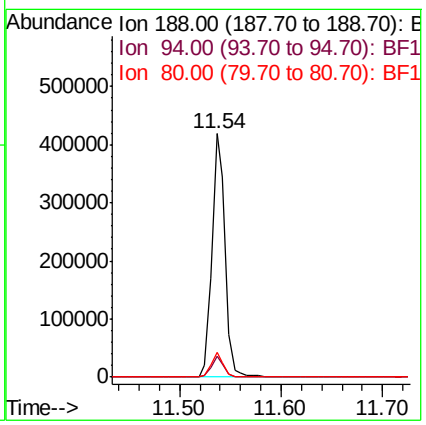


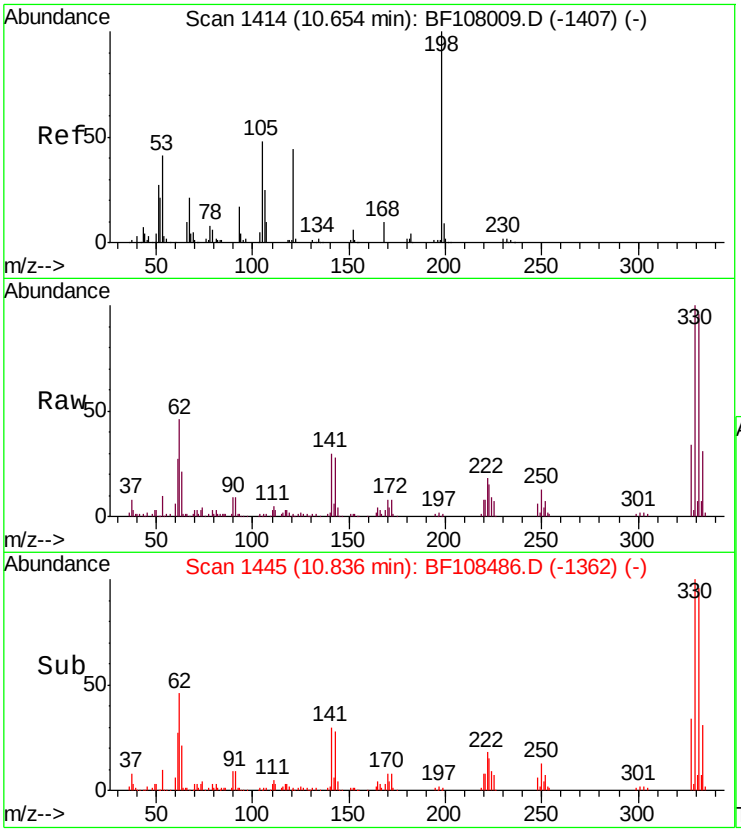


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:188 Resp: 375214

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.2	9.2	13.8



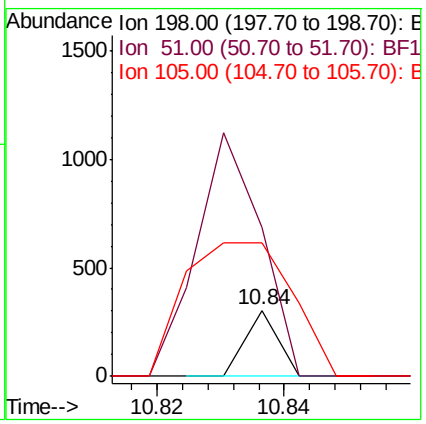


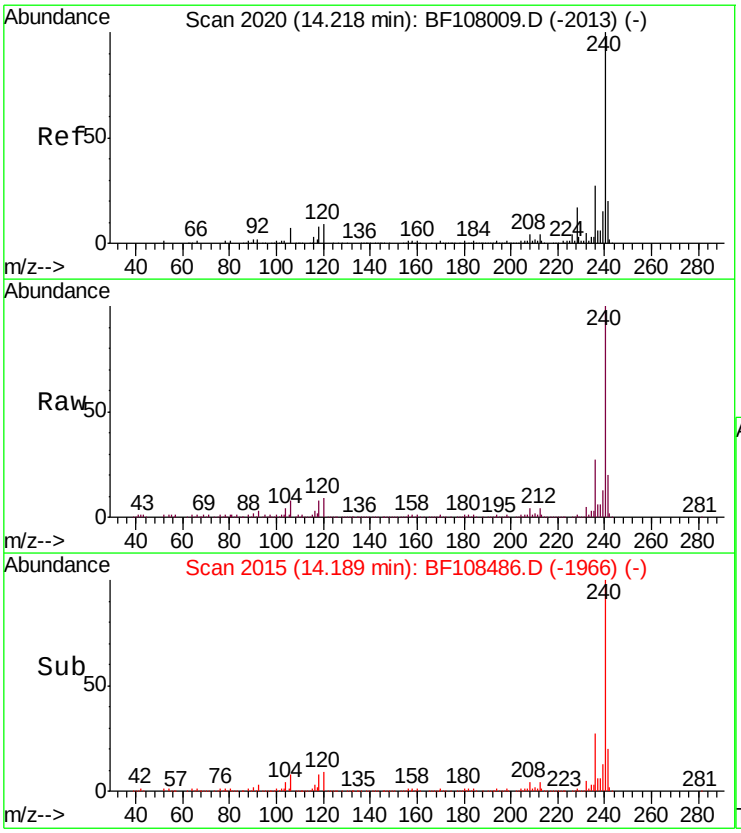
#64
4,6-Dinitro-2-methylphenol
Concen: 5.427 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	225.2	37.7	77.7#
105	201.6	36.3	76.3#

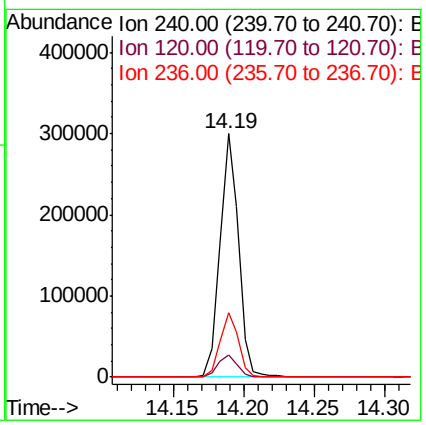


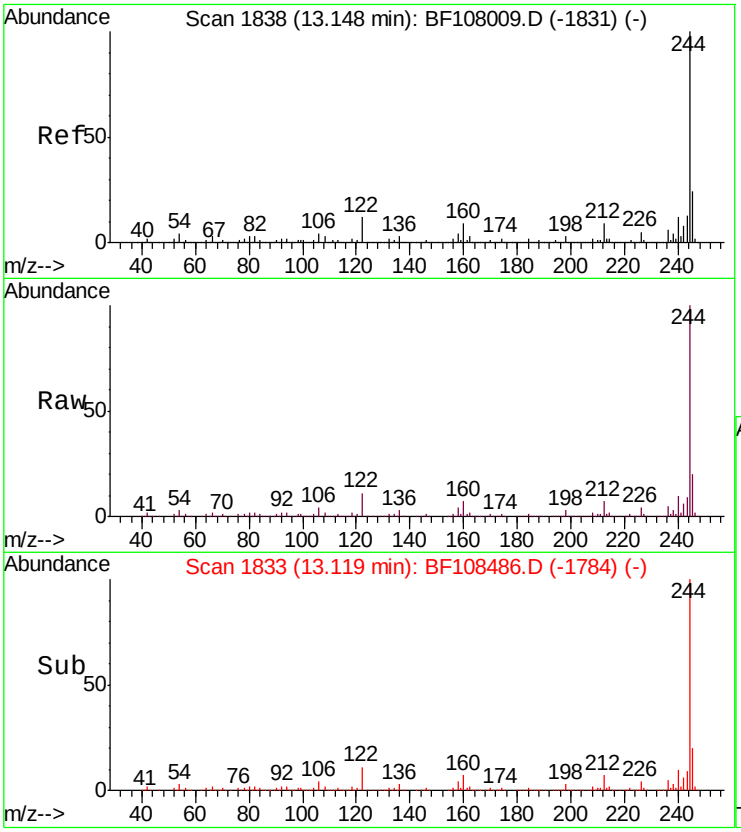


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:240 Resp: 272748

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.5	20.7	31.1



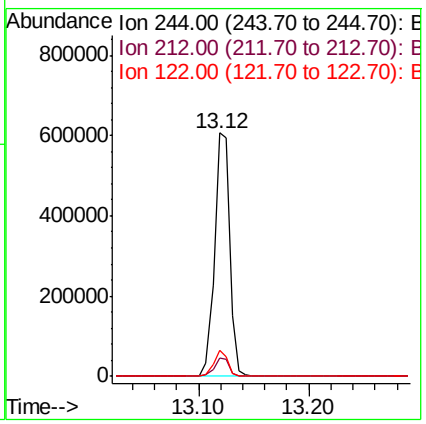


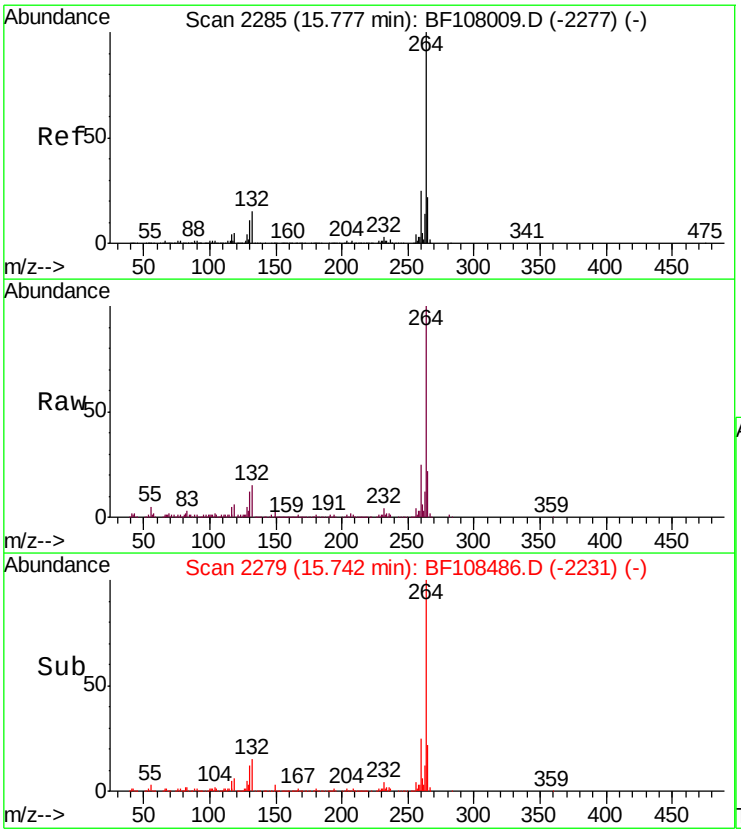
#78
Terphenyl-d14
Concen: 54.005 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108486.D
Acq: 25 Aug 2018 1:39

Instrument :
BNA_F
ClientSampleId :
RBR200027

Tgt Ion:244 Resp: 579328

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.6	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: BF108486.D
Acq: 25 Aug 2018 1:39

Tgt Ion:264 Resp: 278865

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.1	17.5	26.3