Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
Data File : BF108267.D
Acq On : 18 Aug 2018 2:47
Operator : JU/SJ
Sample : J4519-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-13

Quant Time: Aug 18 03:58:52 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	156673	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	580466	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	261444	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	406970	20.00	ng	0.00
75) Chrysene-d12	14.21	240	372730	20.00	ng	0.00
86) Perylene-d12	15.78	264	244673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	629377	72.73	ng	0.01
7) Phenol-d6	6.64	99	876817	76.25	ng	0.00
23) Nitrobenzene-d5	7.58	82	605316	58.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	157115	60.25	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1153901	70.86	ng	0.00
78) Terphenyl-d14	13.14	244	910048	62.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	82277	10.580	ng	# 83
25) Isophorone	7.58	82	605306	30.529	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	33350	8.753	ng	# 25
56) 2,4-Dinitrotoluene	10.06	165	33350	6.800	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	283	5.523	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	10519	2.378	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.17	149	738763	58.220	ng	99

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

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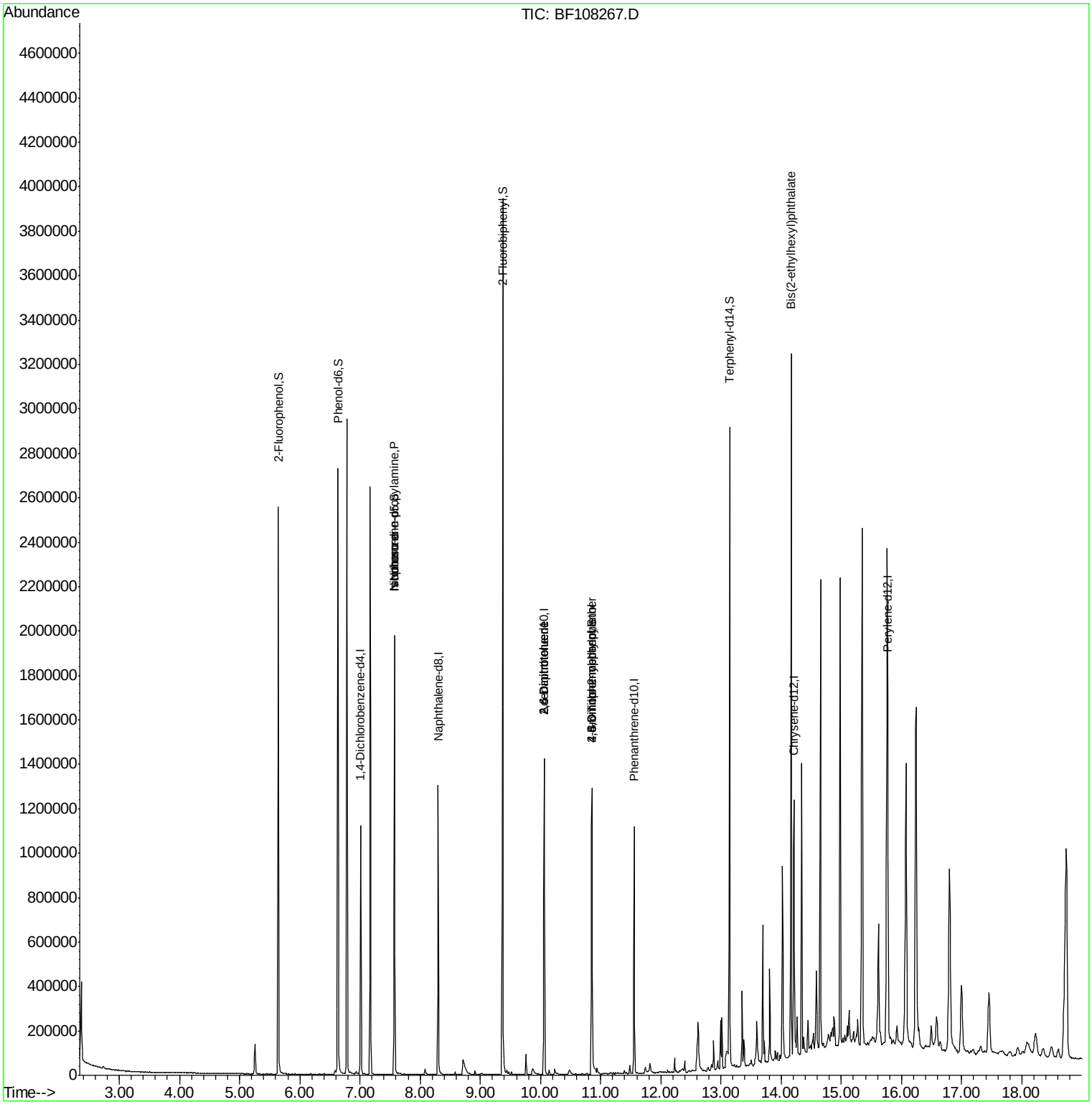
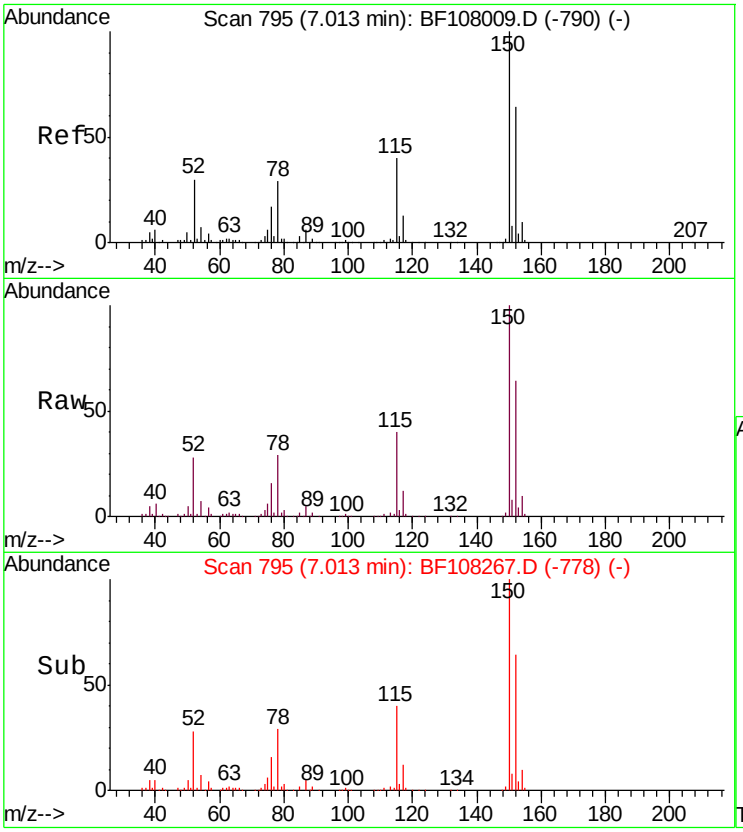


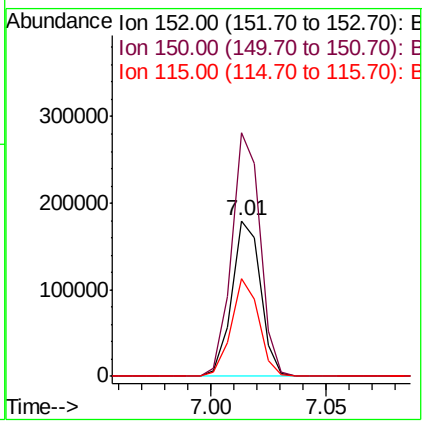


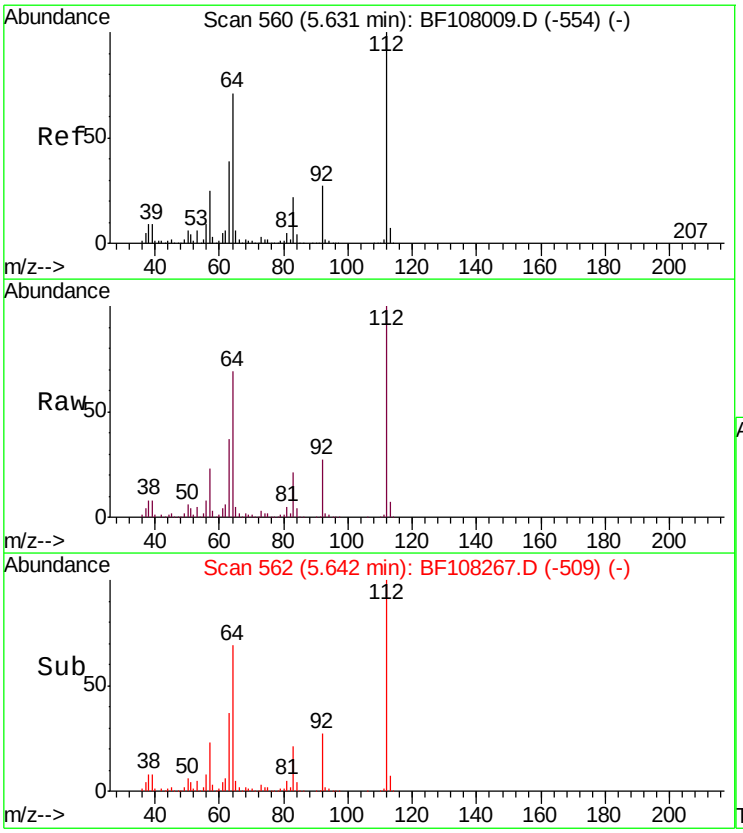
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:152 Resp: 156673

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	63.0	50.1	75.1

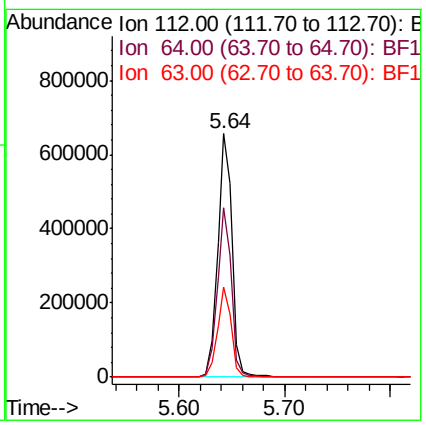


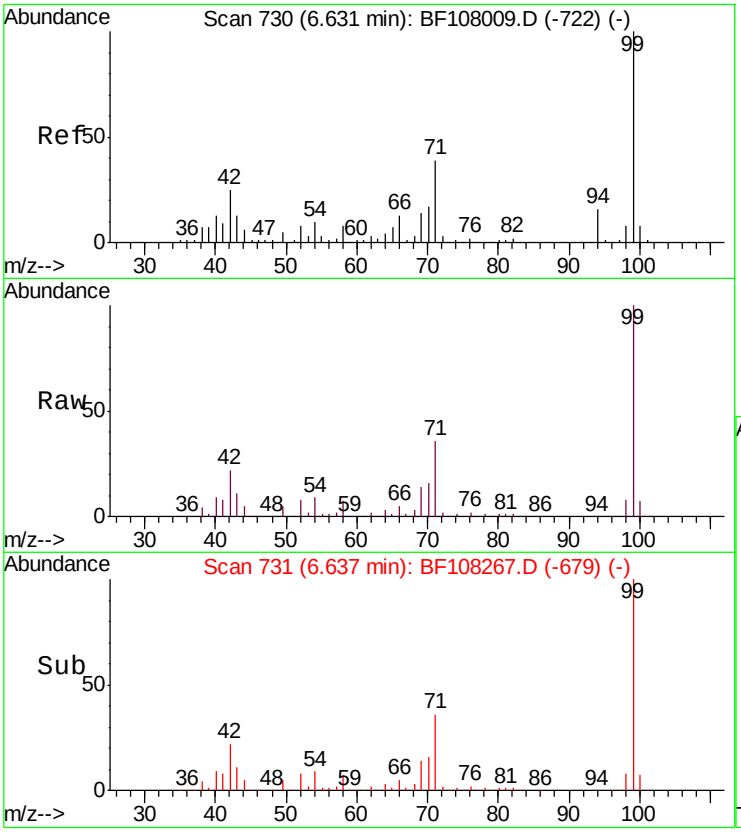


#5
2-Fluorophenol
Concen: 72.728 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:112 Resp: 629377

Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.8	23.7	35.5#



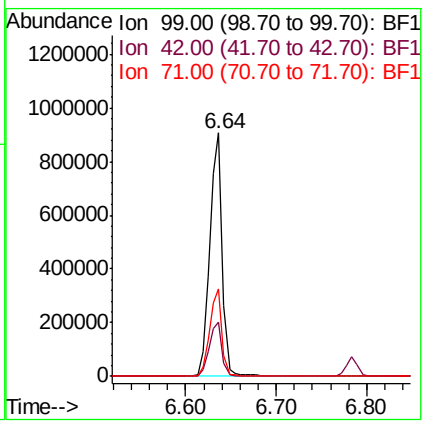


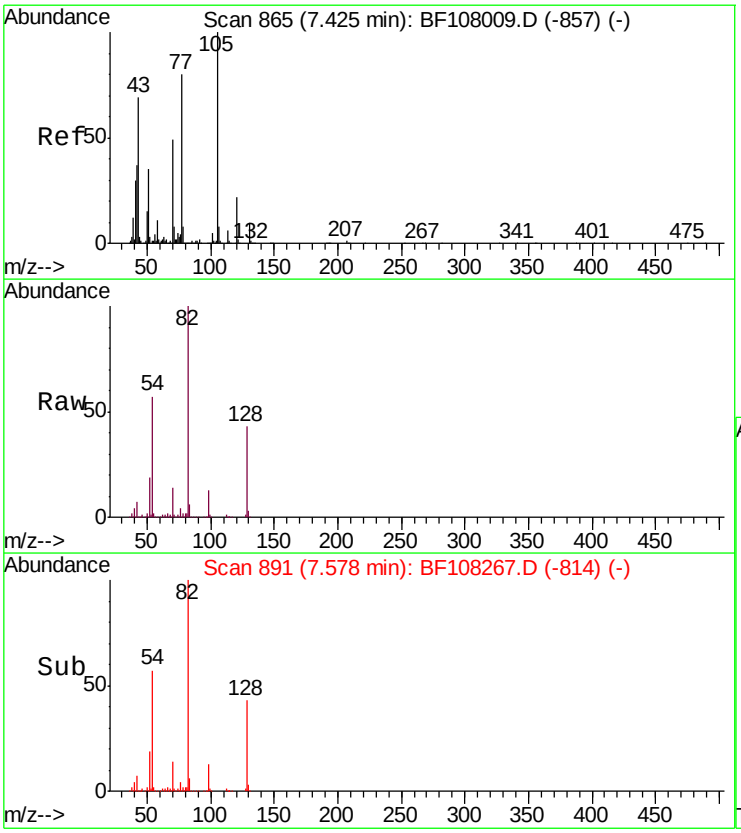
#7
Phenol-d6
Concen: 76.247 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion: 99 Resp: 876817

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	35.9	25.4	38.0

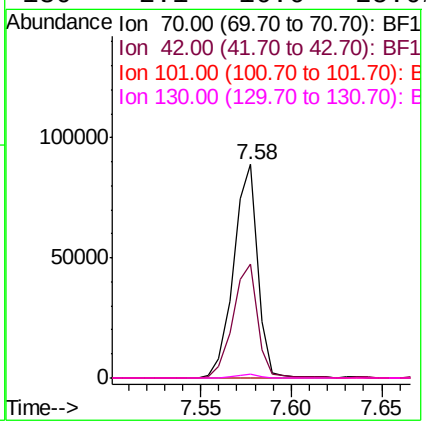


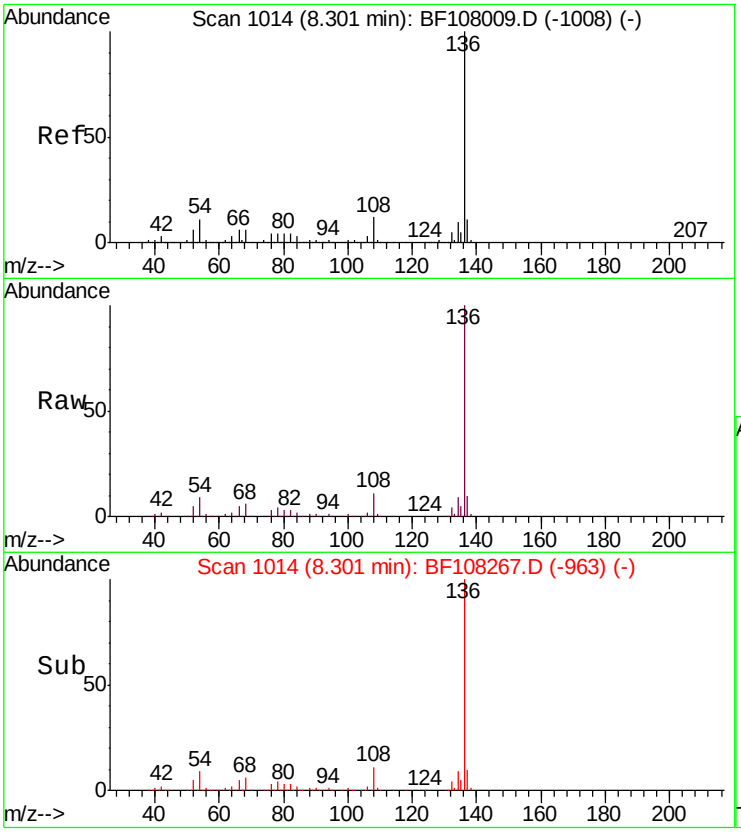


#19
n-Nitroso-di-n-propylamine
Concen: 10.580 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion: 70 Resp: 82277

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



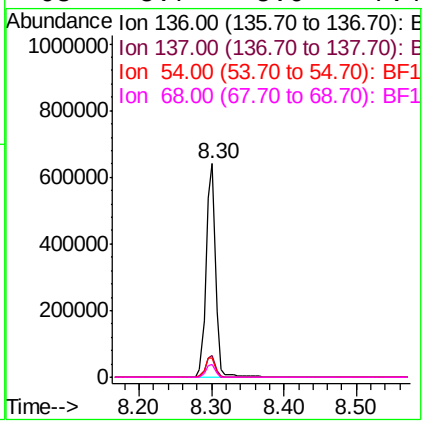


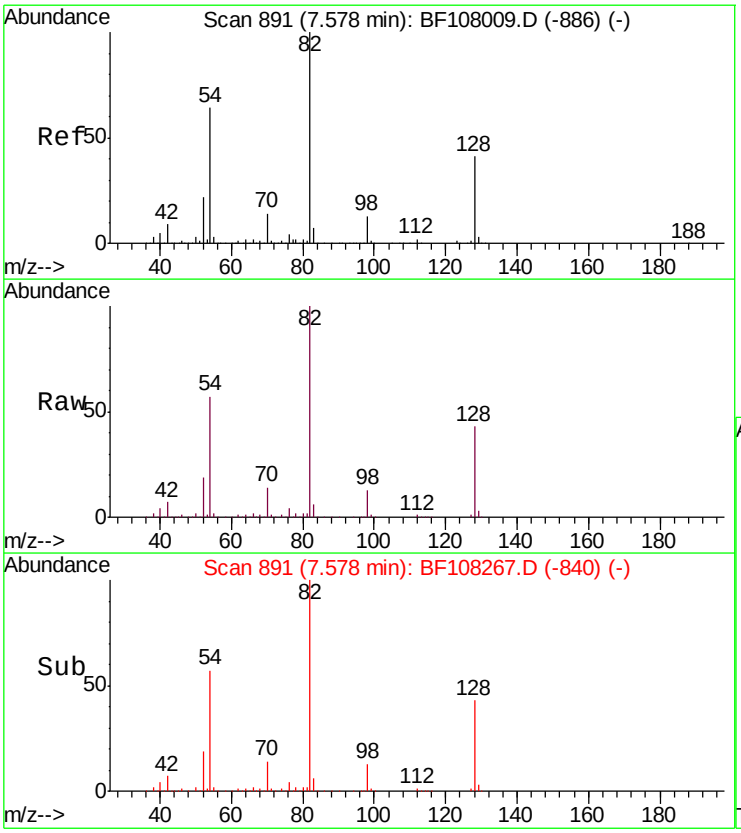
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:136 Resp: 580466

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.1	6.6	9.8
68	5.7	5.0	7.4

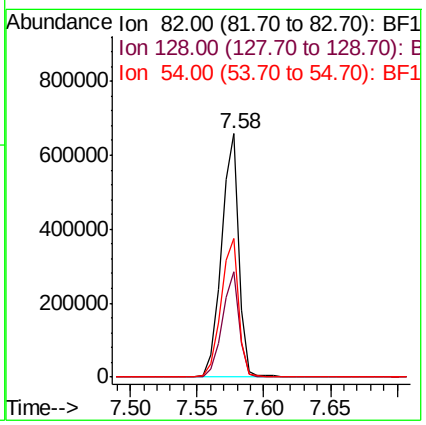


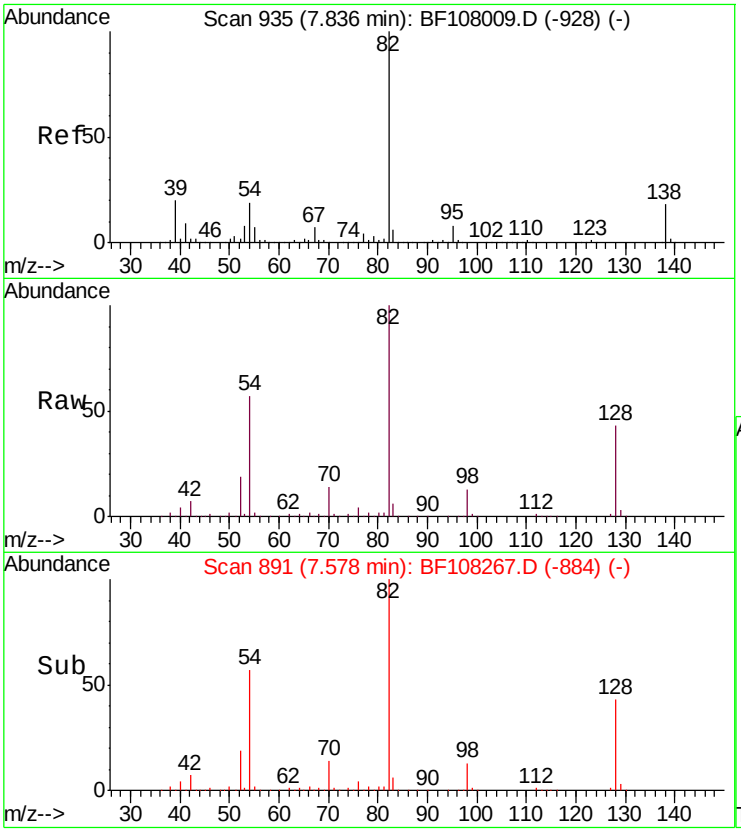


#23
Nitrobenzene-d5
Concen: 58.190 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion: 82 Resp: 605316

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	57.2	41.4	62.2



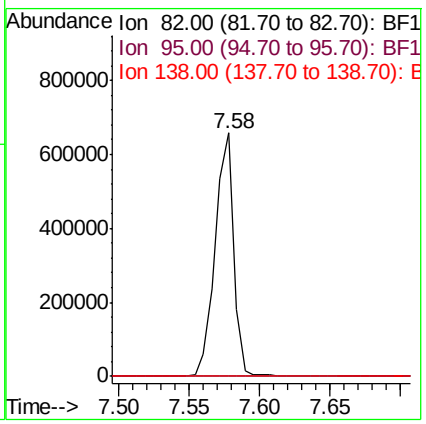


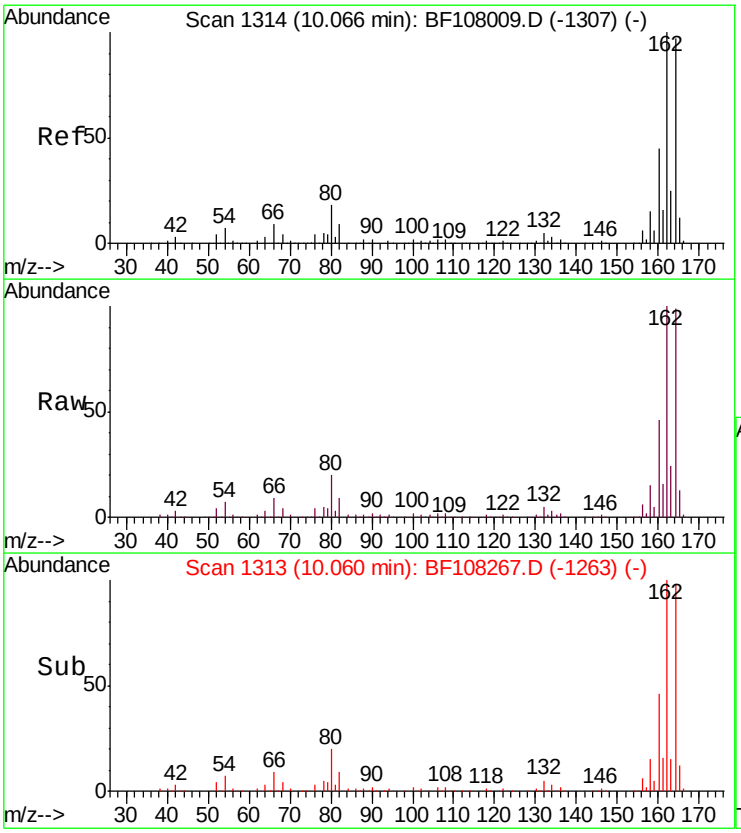
#25
Isophorone
Concen: 30.529 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion: 82 Resp: 605306

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

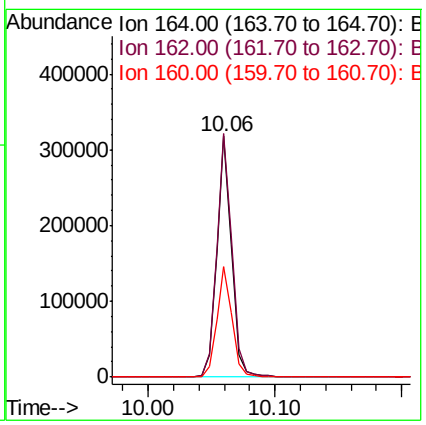


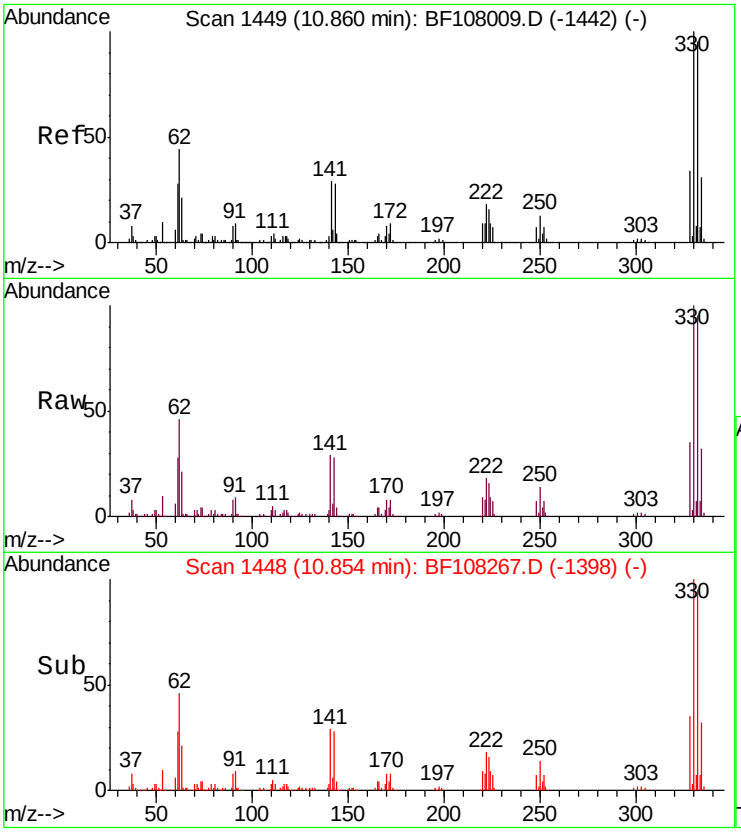


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:164 Resp: 261444

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.2	38.3	57.5



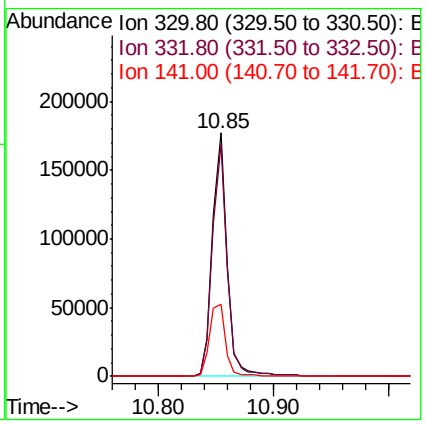


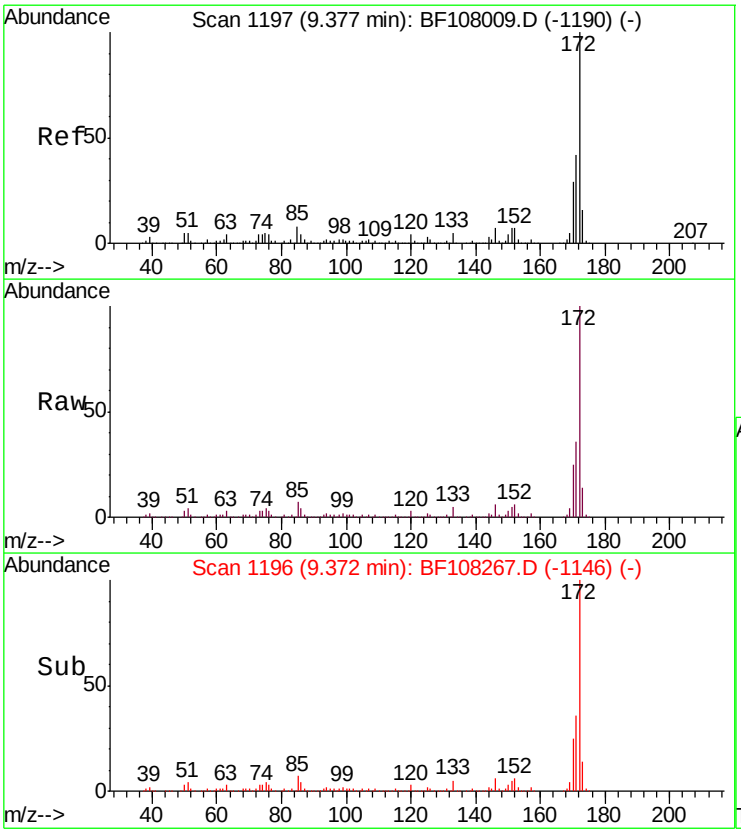
#41
2,4,6-Tribromophenol
Concen: 60.247 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:330 Resp: 157115

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.9	29.9	44.9

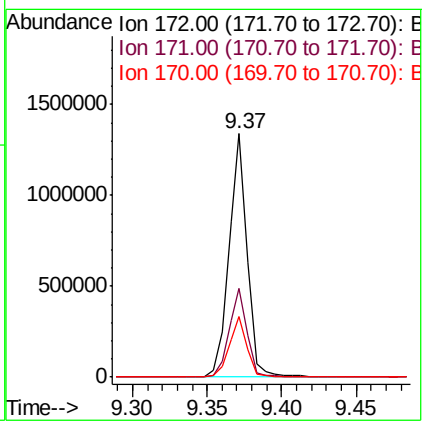


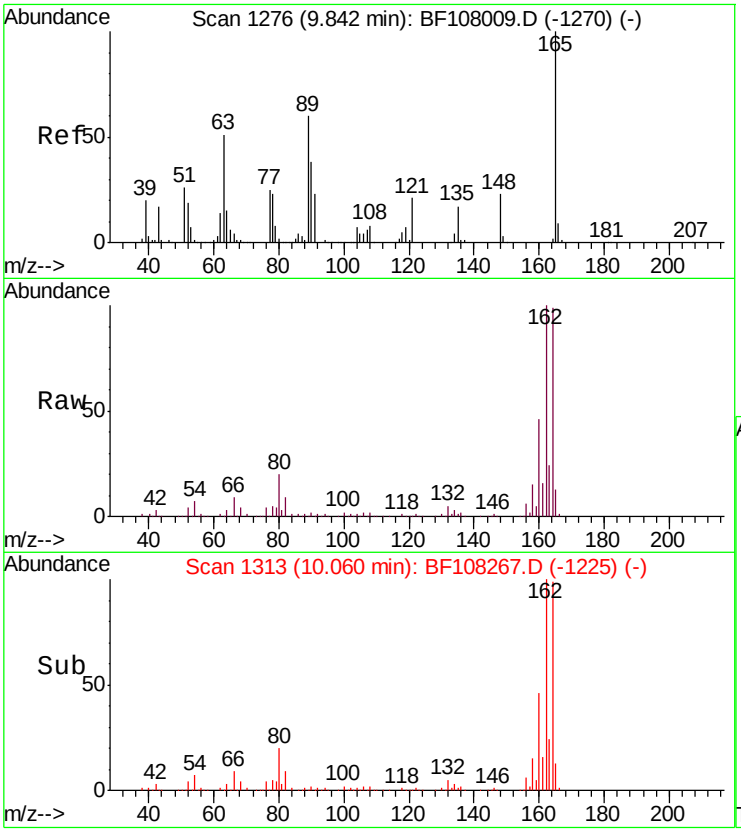


#44
2-Fluorobiphenyl
Concen: 70.858 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:172 Resp: 1153901

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4



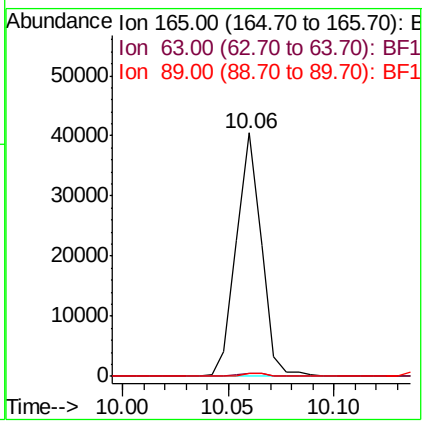


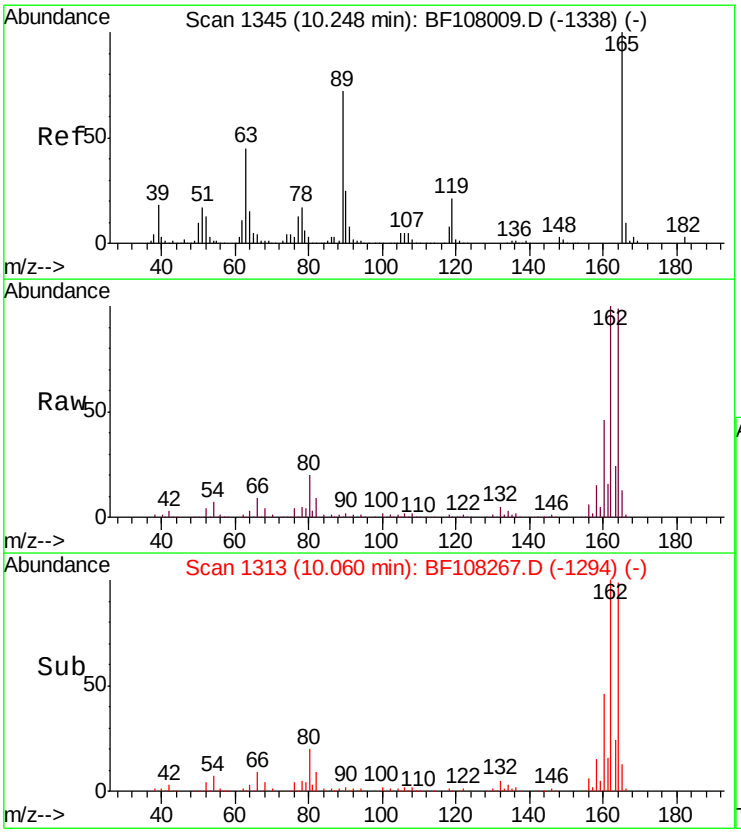
#50
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:165 Resp: 33350

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#

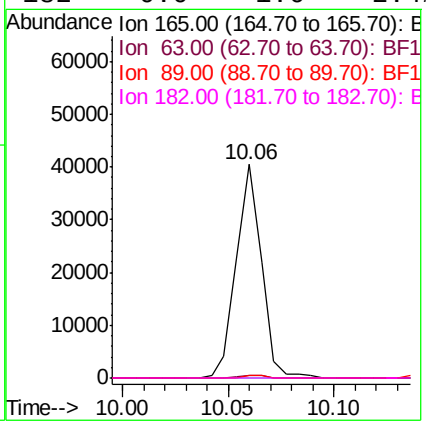


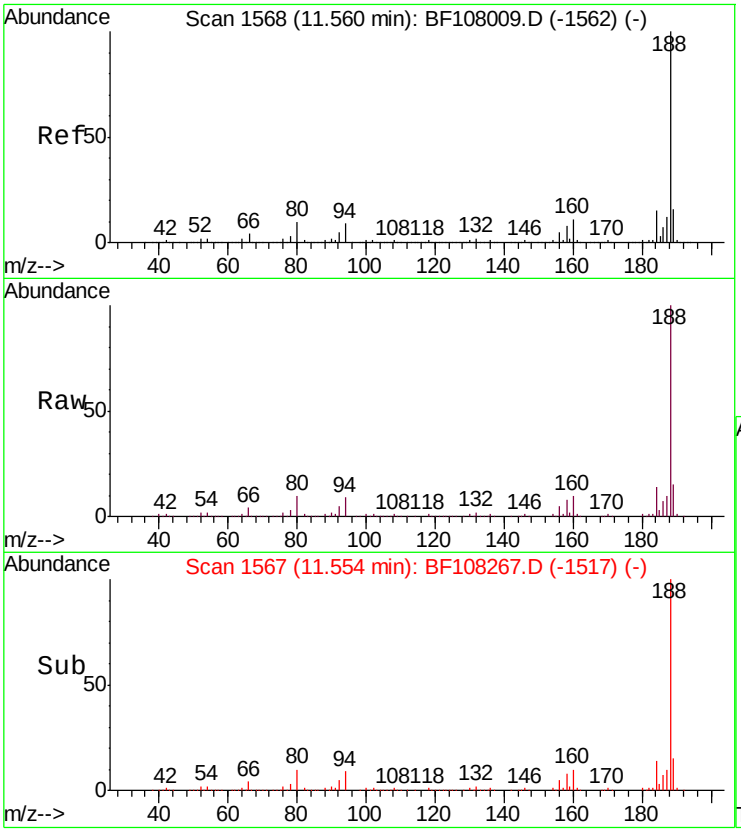


#56
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:165 Resp: 33350

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



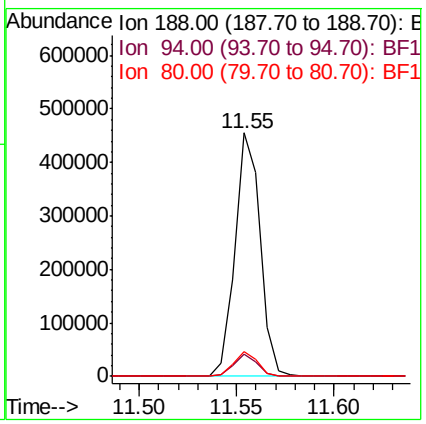


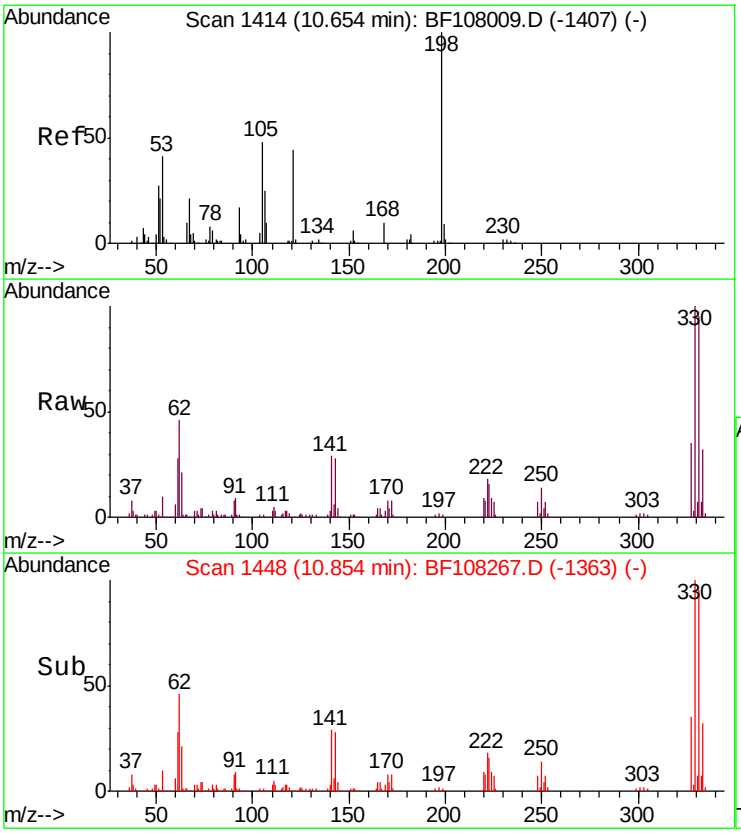
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:188 Resp: 406970

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8

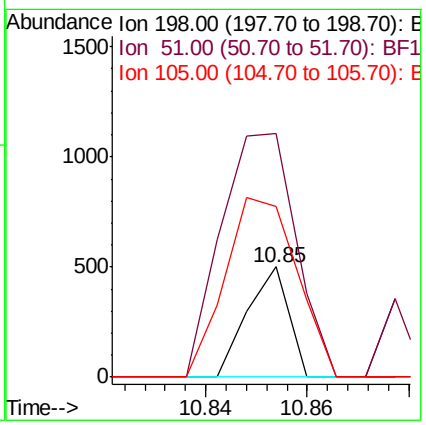


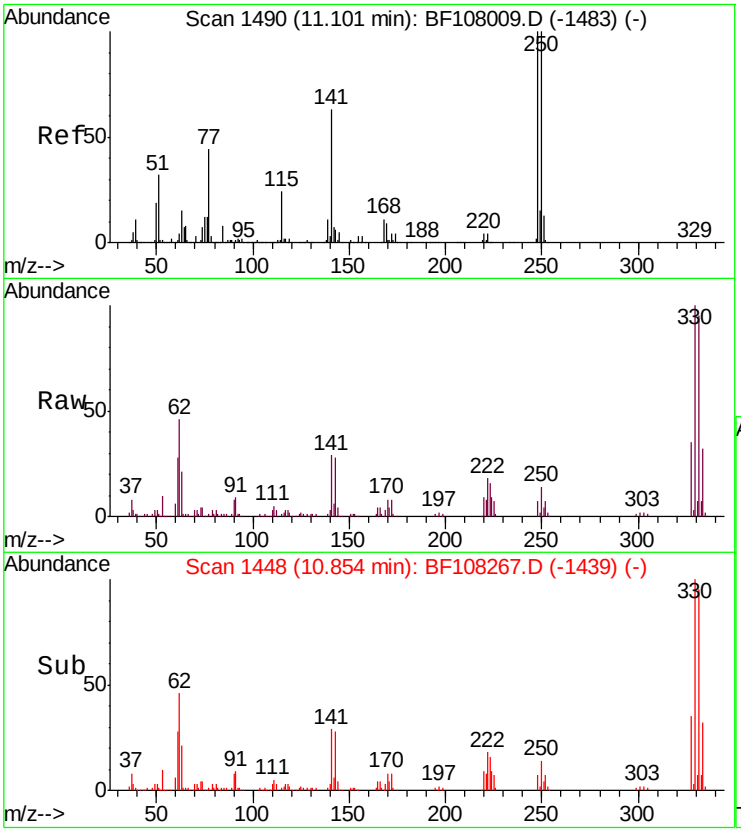


#64
4,6-Dinitro-2-methylphenol
Concen: 5.523 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:198 Resp: 283

Ion	Ratio	Lower	Upper
198	100		
51	221.2	37.7	77.7#
105	155.0	36.3	76.3#



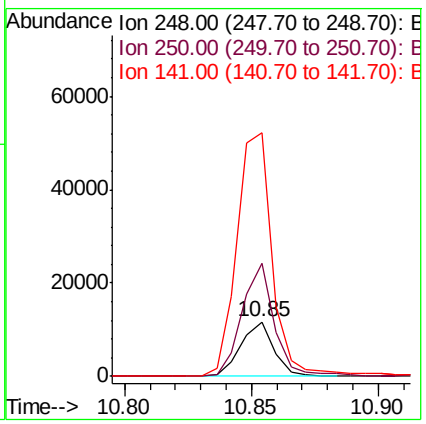


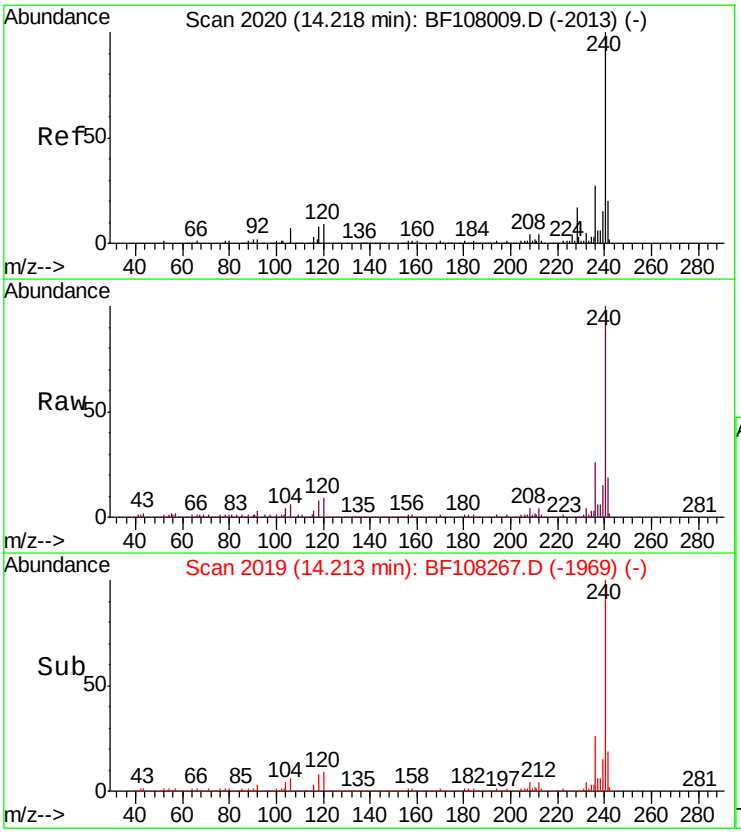
#66
4-Bromophenyl-phenylether
Concen: 2.378 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:248 Resp: 10519

Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.9	115.3#
141	445.3	74.4	111.6#

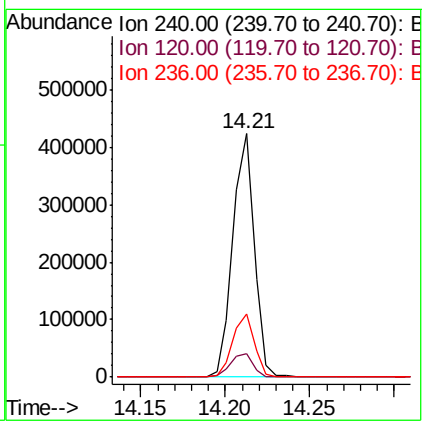


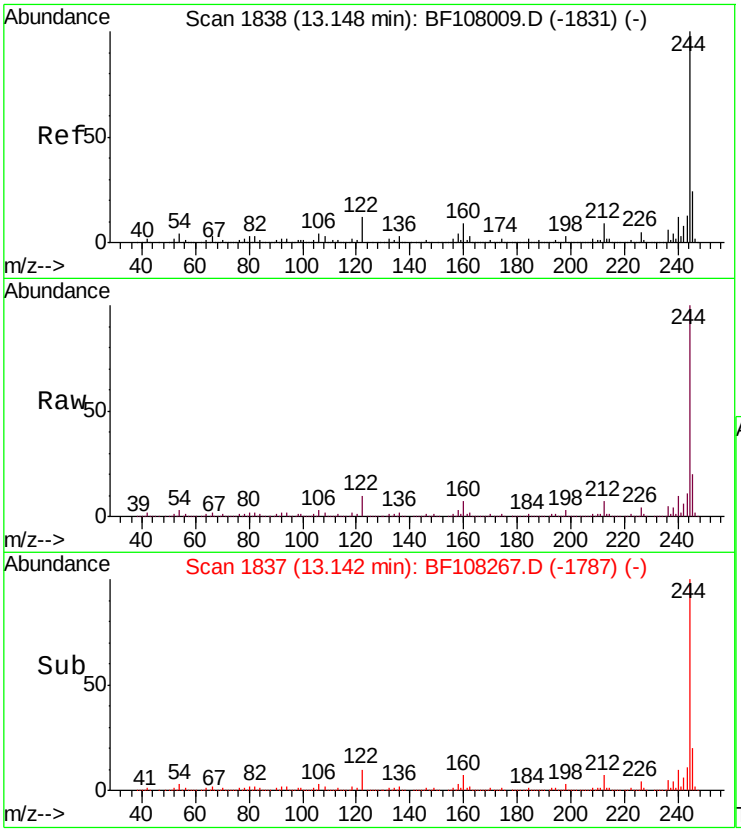


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:240 Resp: 372730

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.0	20.7	31.1



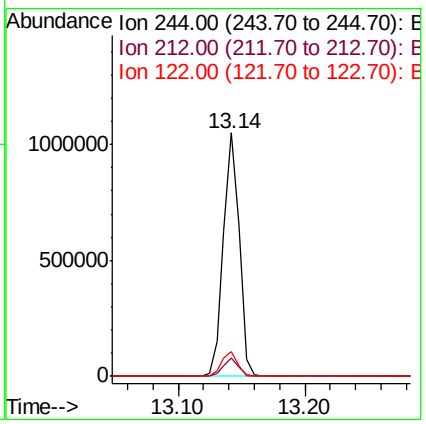


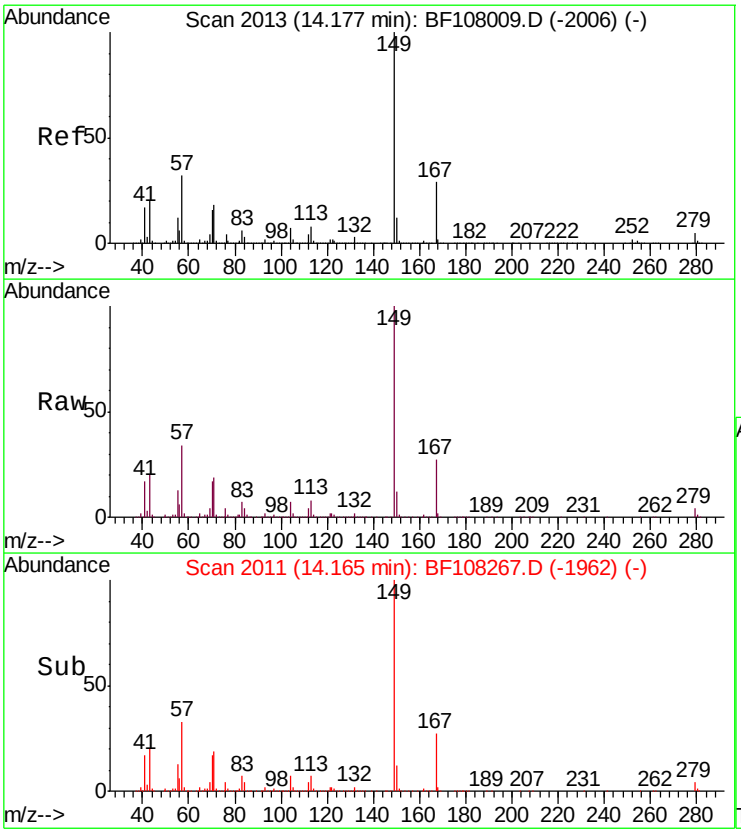
#78
Terphenyl-d14
Concen: 62.079 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:244 Resp: 910048

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.3	11.0	16.4#

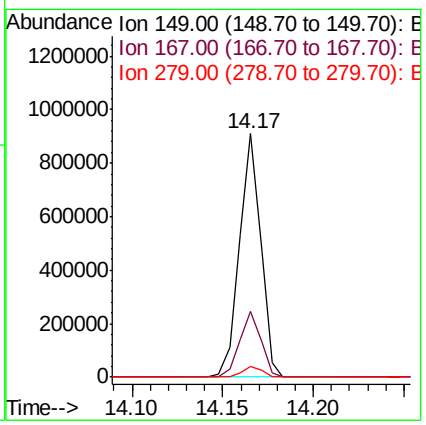


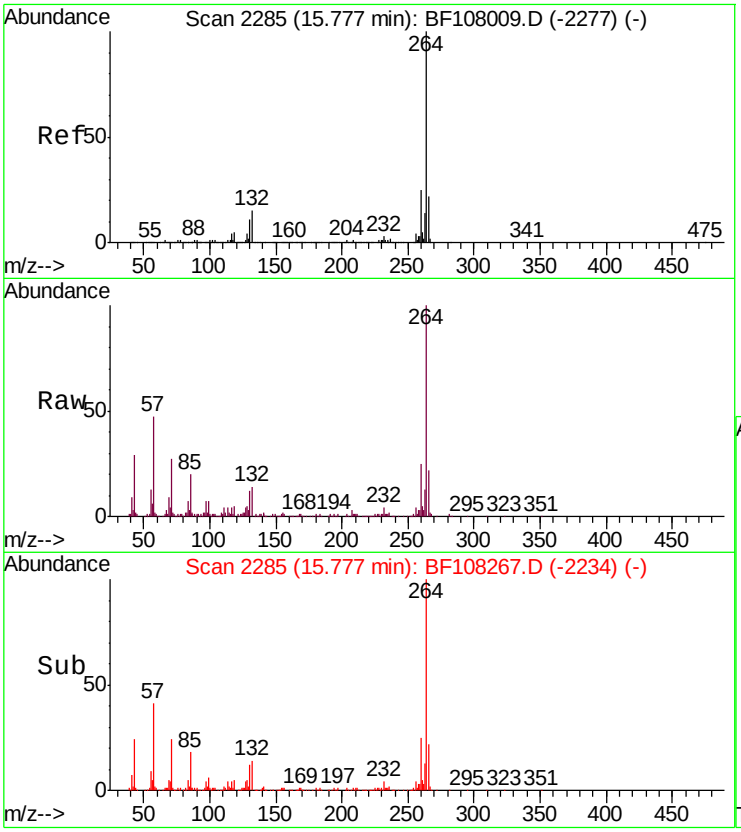


#83
Bis(2-ethylhexyl)phthalate
Concen: 58.220 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Tgt Ion:149 Resp: 738763

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.2	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108267.D
Acq: 18 Aug 2018 2:47

Instrument :
BNA_F
ClientSampleId :
DRUM-13

Tgt Ion:264 Resp: 244673

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.0	17.5	26.3