Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108492.D
Acq On : 25 Aug 2018 5:23
Operator : JU/SJ
Sample : J4607-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 27 01:35:09 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	134315	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	500290	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	233040	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	401537	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	279276	20.00	ng	-0.01
86) Perylene-d12	15.74	264	274964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1015682	136.91	ng	0.00
7) Phenol-d6	6.63	99	1355892	137.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	900537	100.44	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	301432	129.68	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1538741	106.01	ng	0.00
78) Terphenyl-d14	13.12	244	1253329	114.10	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	25318	2.483	ng	# 63
19) n-Nitroso-di-n-propylamine	7.57	70	121014	18.152	ng	# 82
25) Isophorone	7.57	82	900530	52.697	ng	# 64
49) Dimethylphthalate	9.74	163	149821	9.229	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	29311	6.705	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	617	5.722	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	19177	4.395	ng	# 1

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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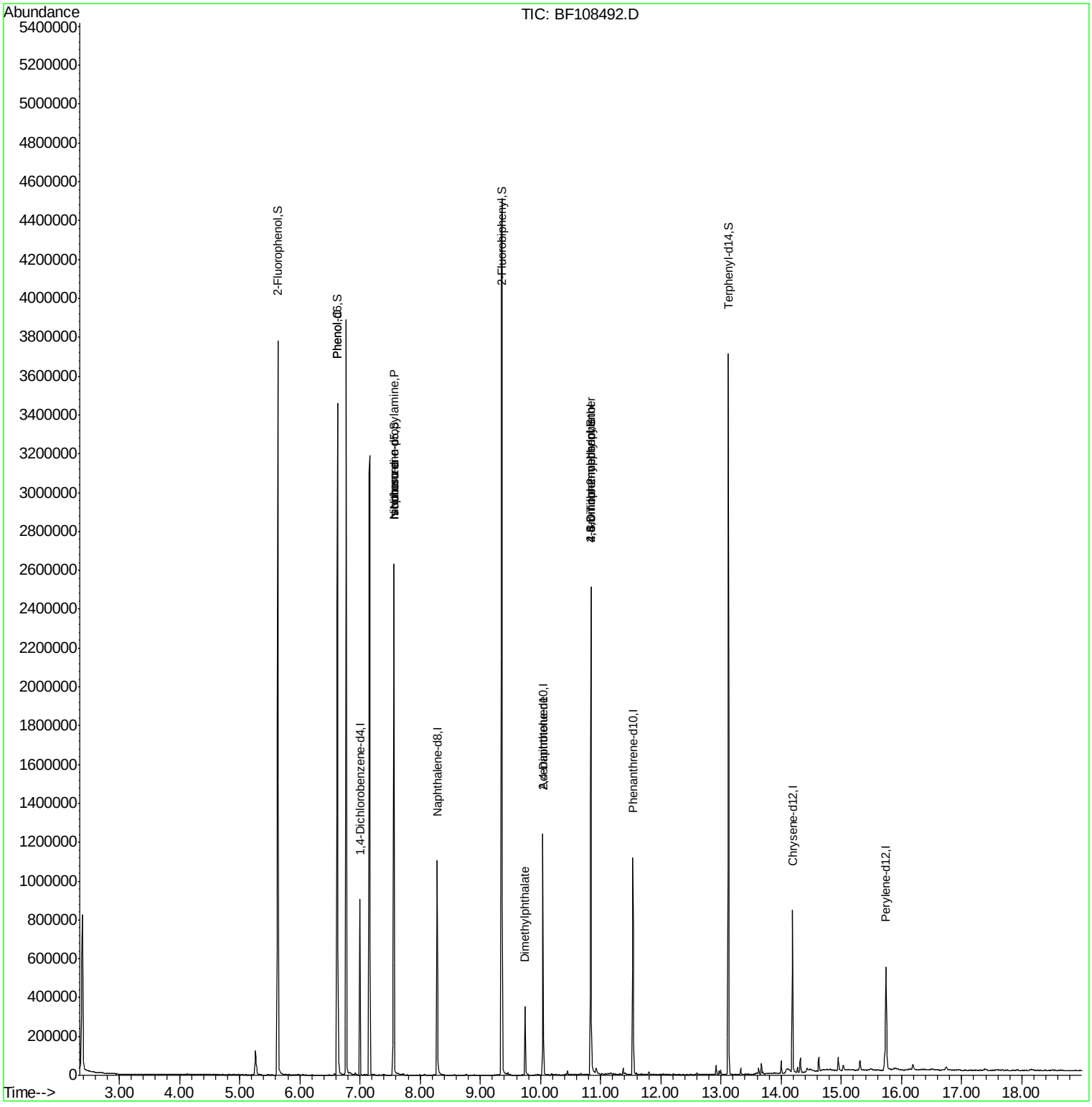
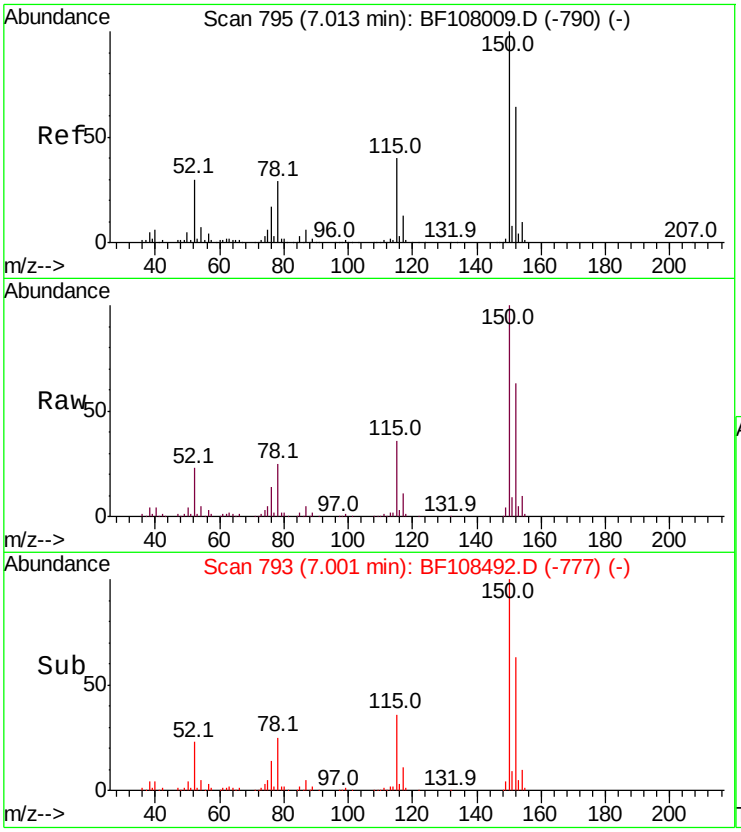


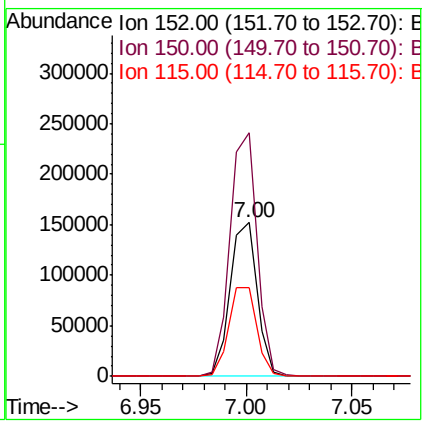


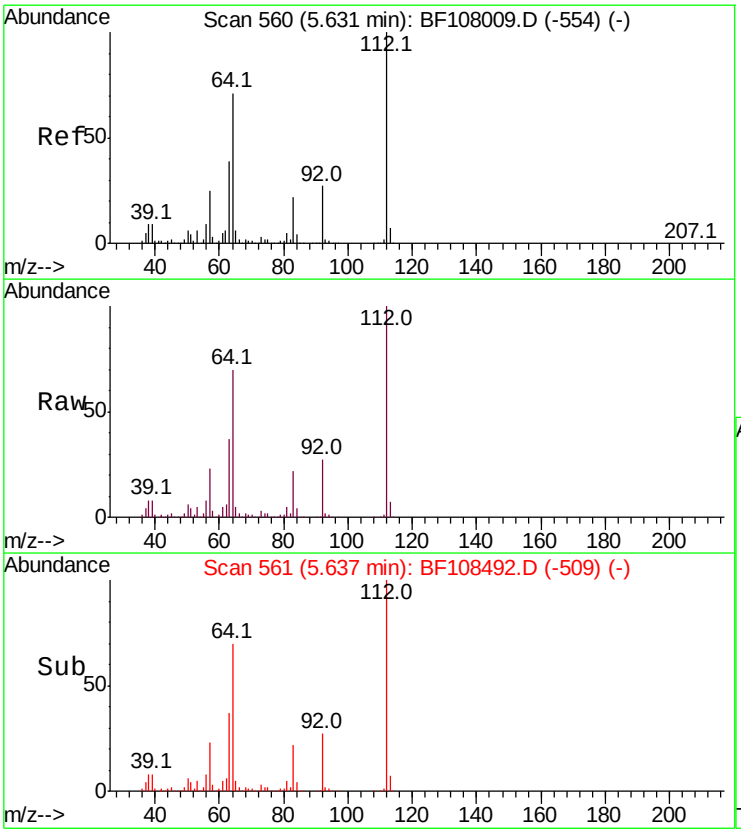
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 134315

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.8	50.1	75.1

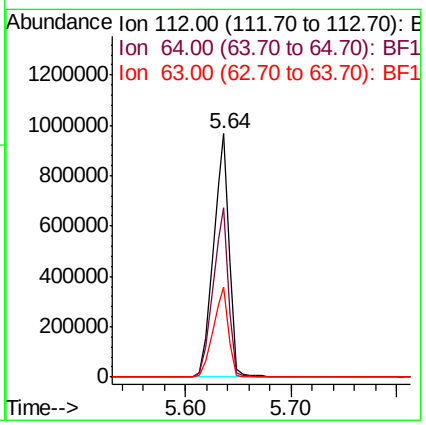


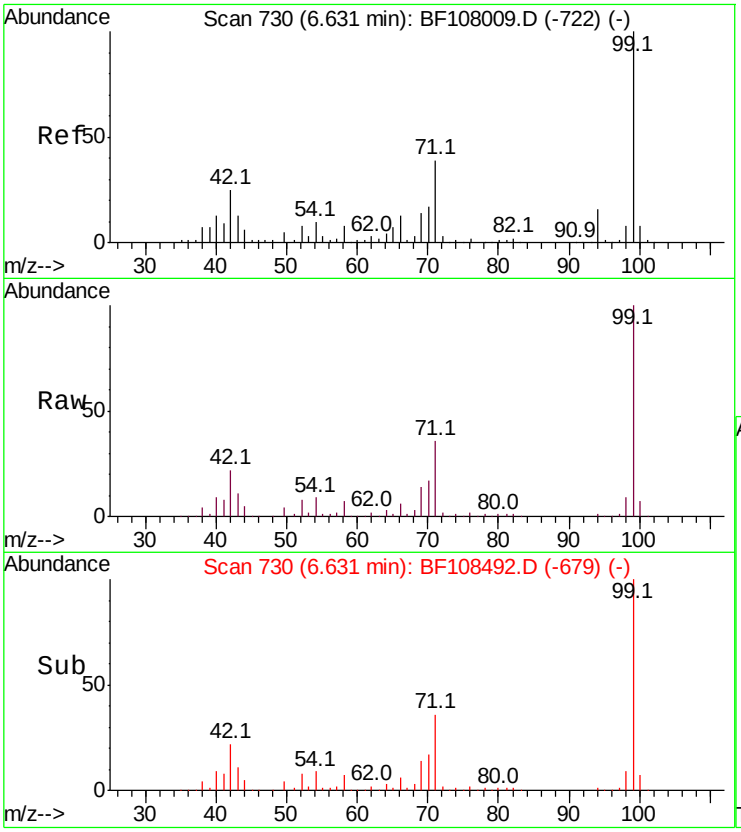


#5
2-Fluorophenol
Concen: 136.906 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:112 Resp: 1015682

Ion	Ratio	Lower	Upper
112	100		
64	69.7	47.9	71.9
63	37.1	23.7	35.5#



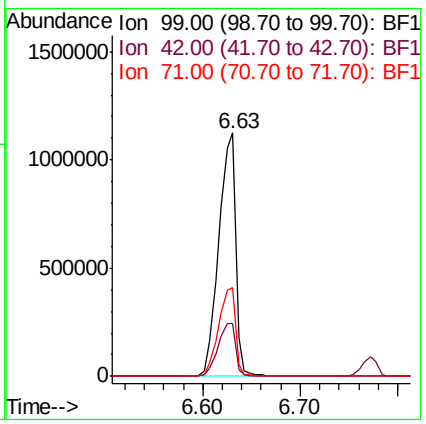


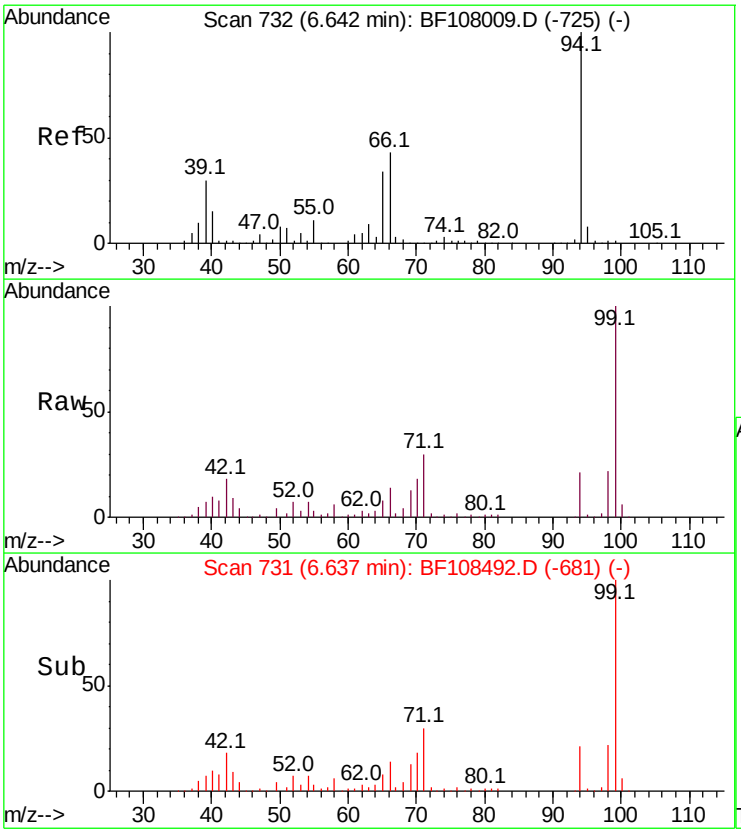
#7
Phenol-d6
Concen: 137.533 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1355892

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	36.3	25.4	38.0

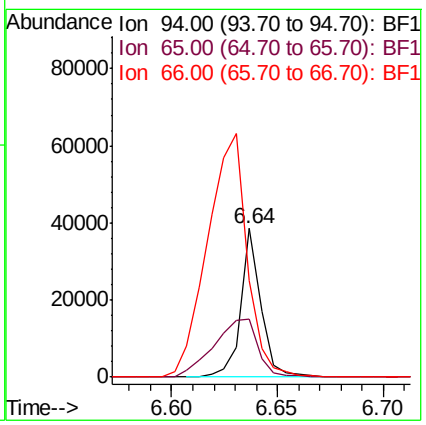


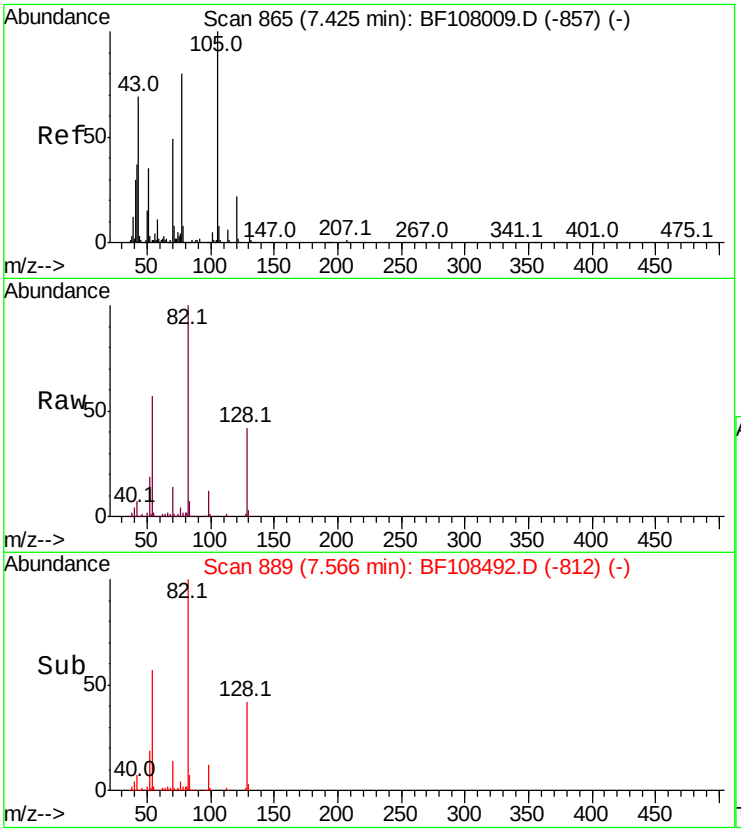


#10
Phenol
Concen: 2.483 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion: 94 Resp: 25318

Ion	Ratio	Lower	Upper
94	100		
65	38.7	7.9	47.9
66	65.2	16.2	56.2#



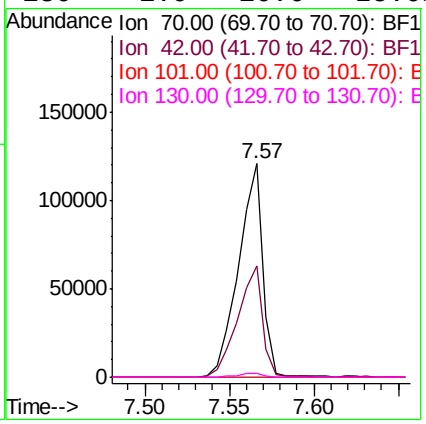


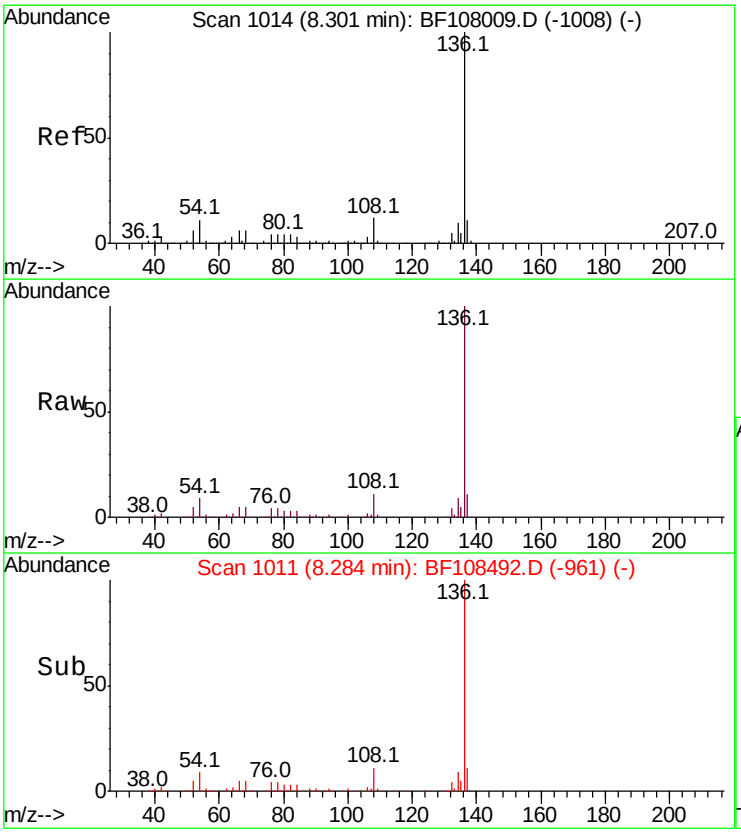
#19
n-Nitroso-di-n-propylamine
Concen: 18.152 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 121014

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

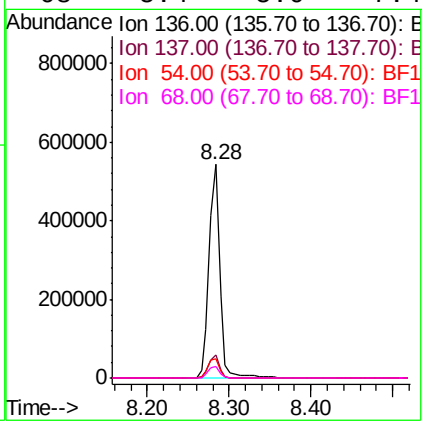


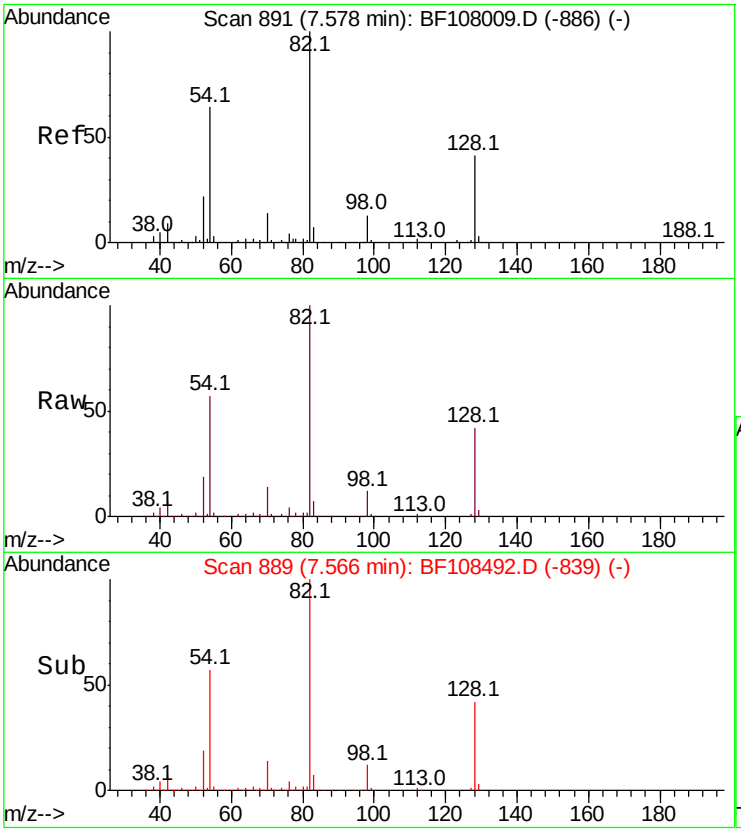


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:136 Resp: 500290

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	5.4	5.0	7.4



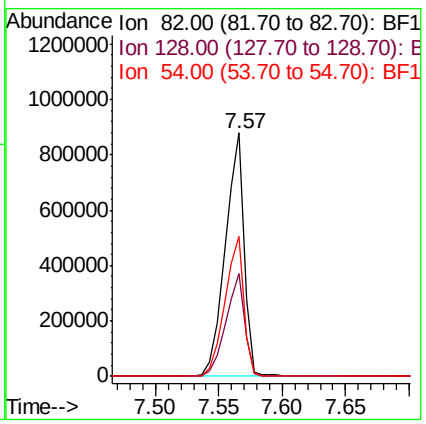


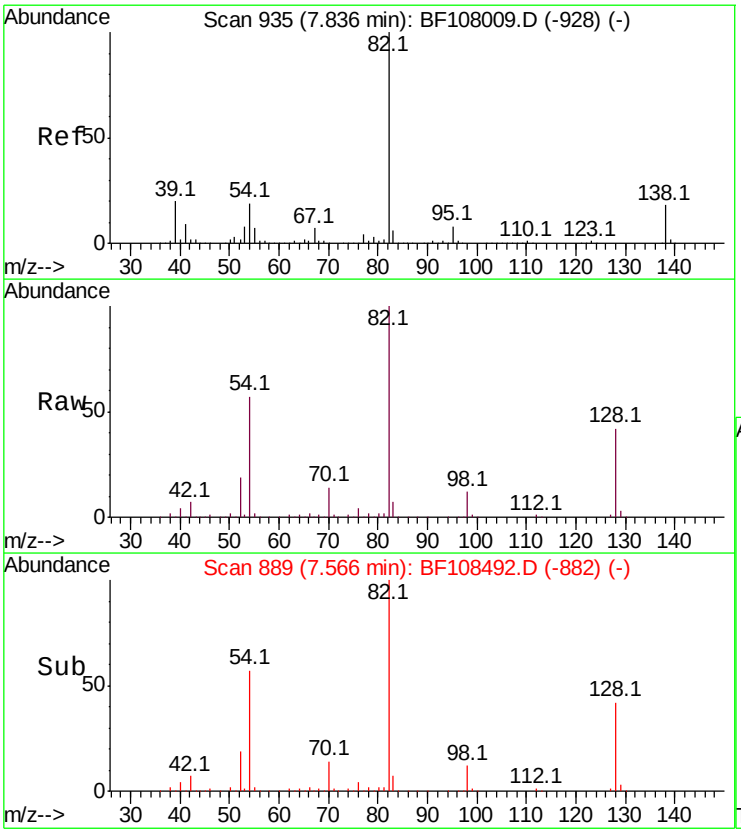
#23
Nitrobenzene-d5
Concen: 100.444 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 900537

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	57.5	41.4	62.2

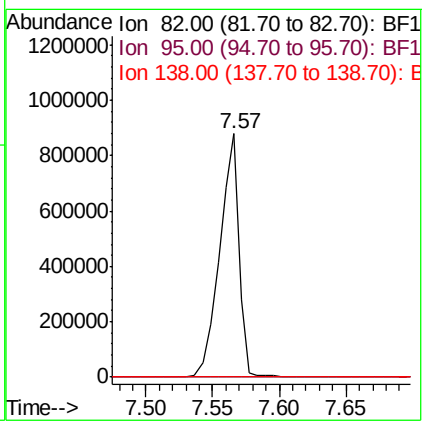


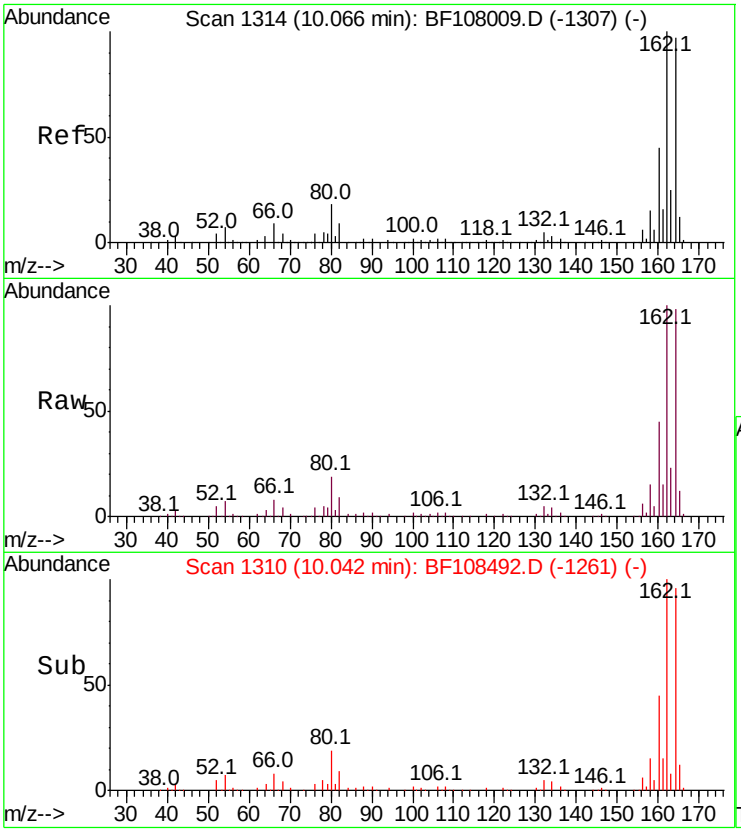


#25
Isophorone
Concen: 52.697 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion: 82 Resp: 900530

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



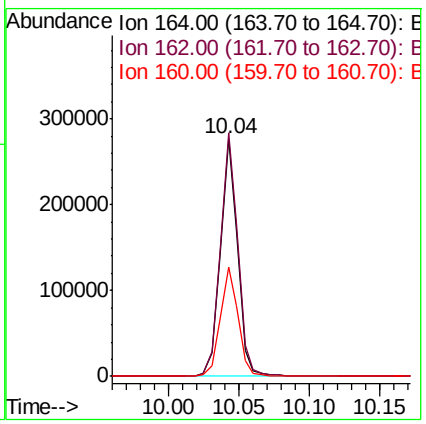


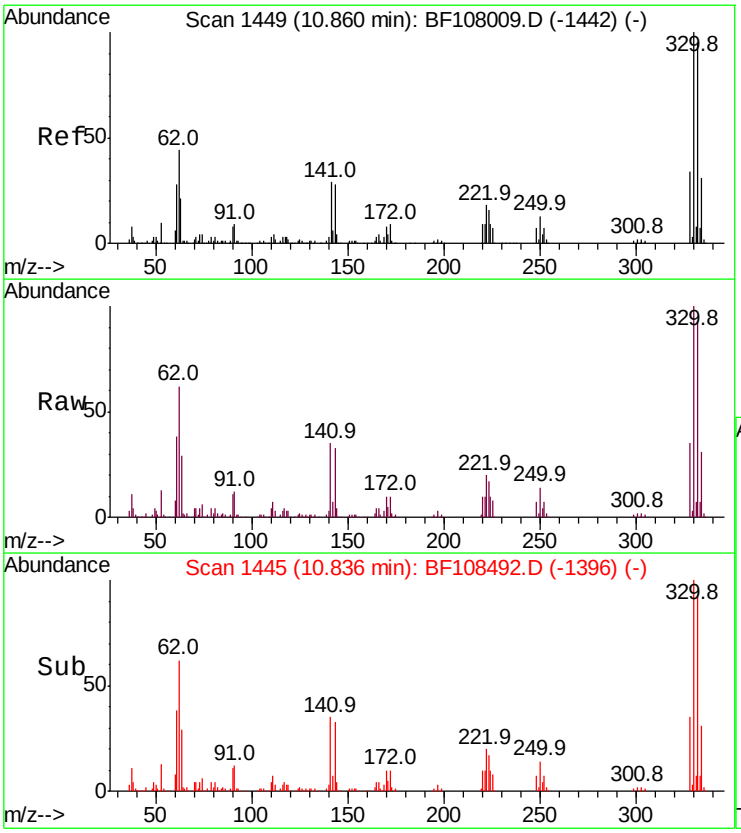
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 233040

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5

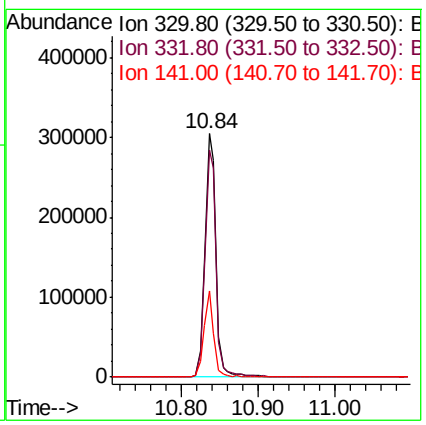


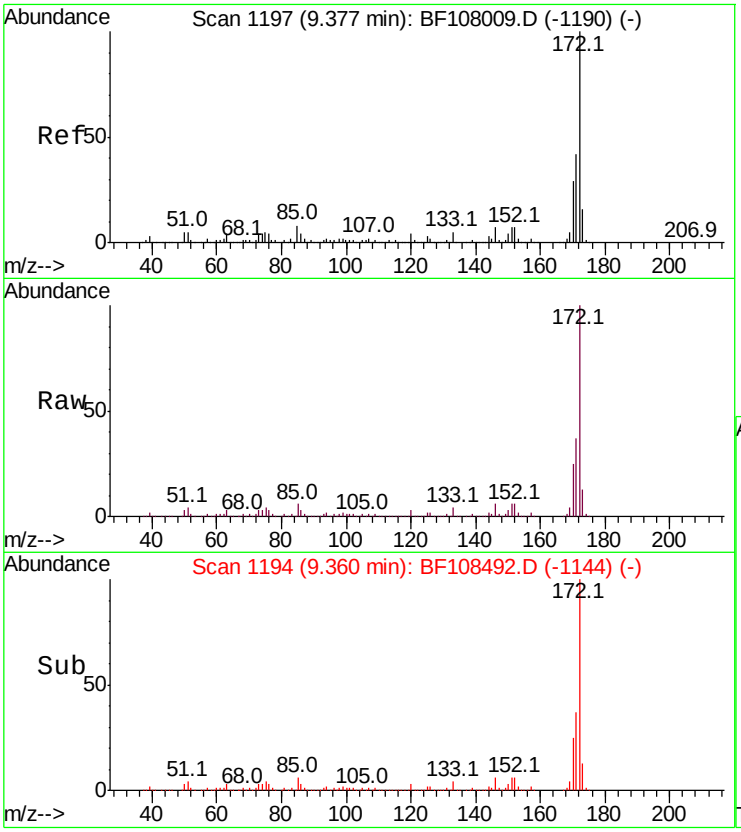


#41
2,4,6-Tribromophenol
Concen: 129.675 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:330 Resp: 301432

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.7	29.9	44.9



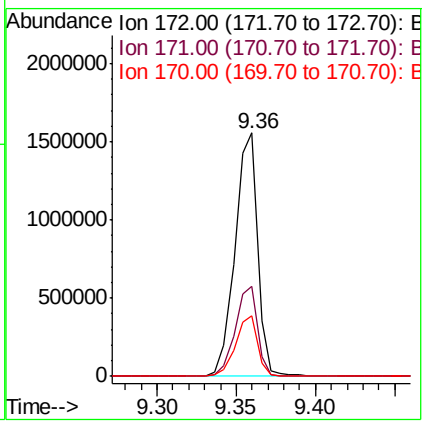


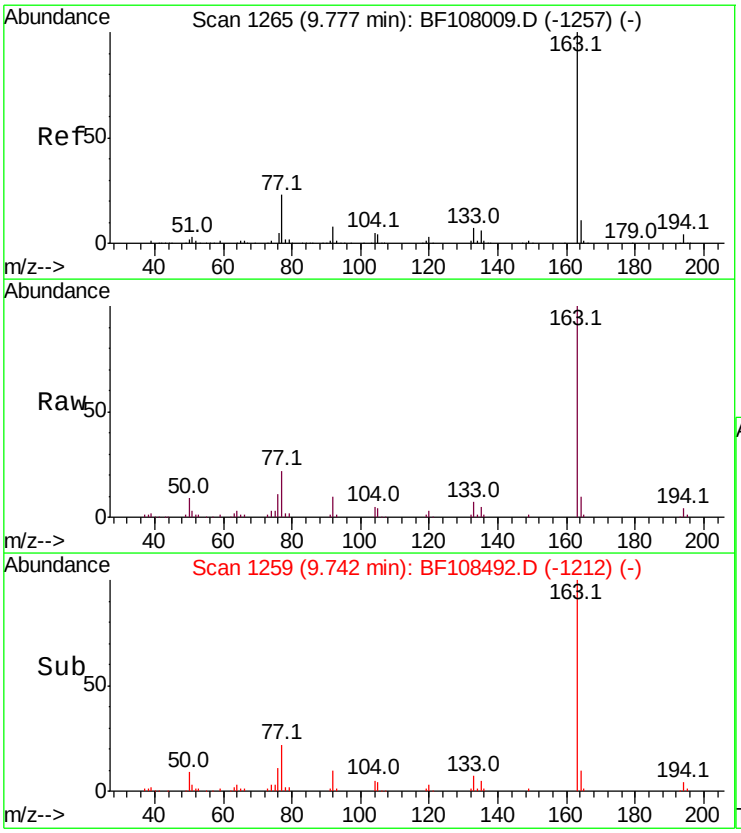
#44
2-Fluorobiphenyl
Concen: 106.008 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1538741

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.0	19.6	29.4

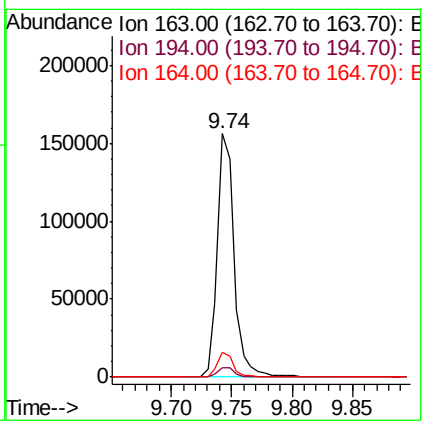


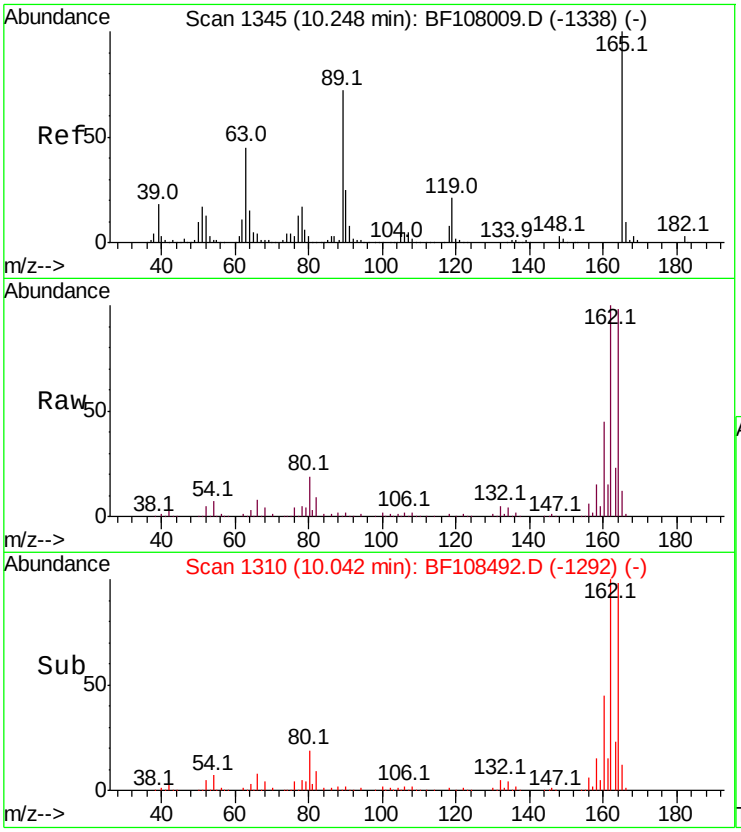


#49
Dimethylphthalate
Concen: 9.229 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:163 Resp: 149821

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2



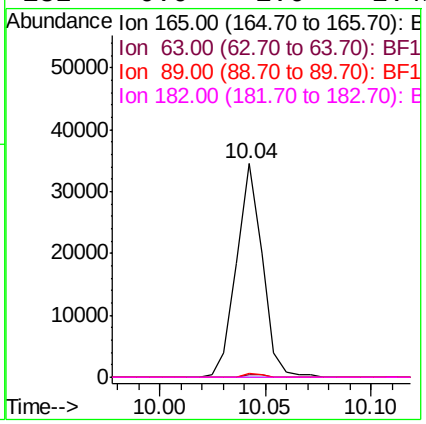


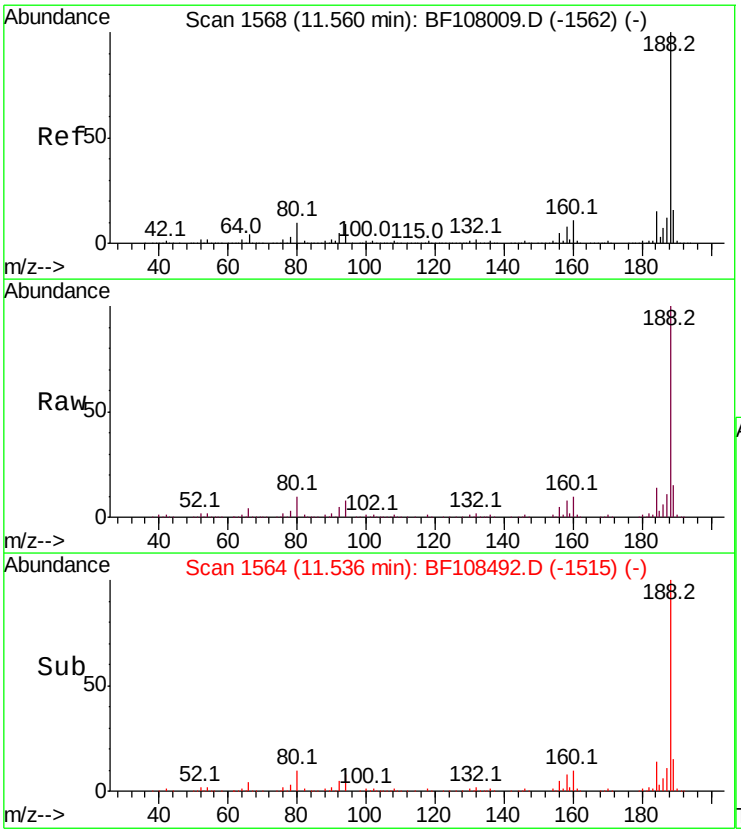
#56
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 29311

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

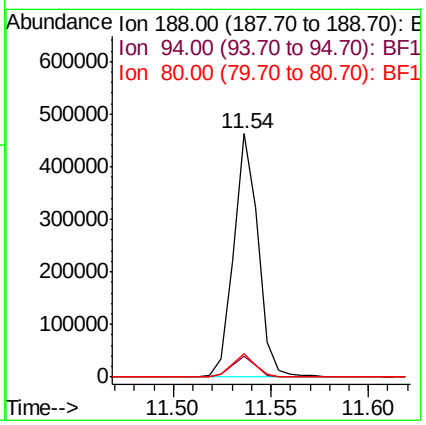


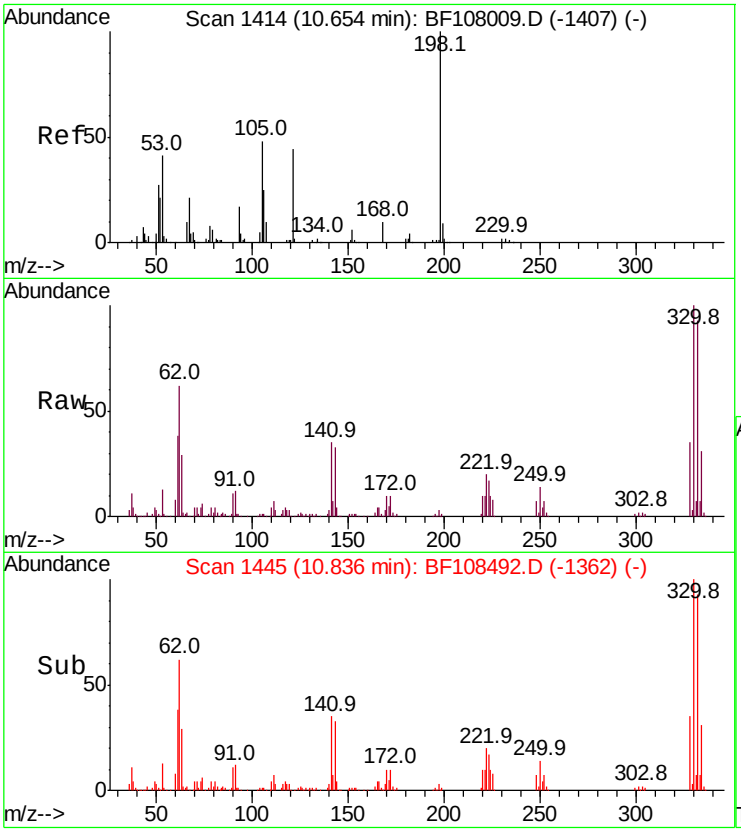


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:188 Resp: 401537

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.6	9.2	13.8



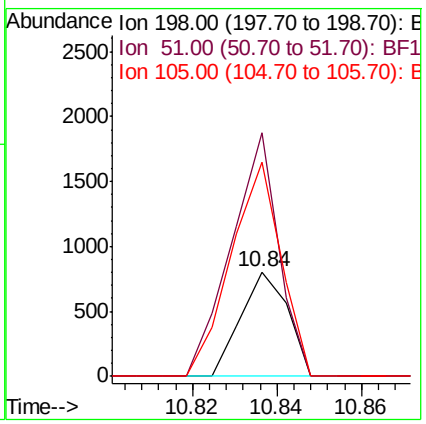


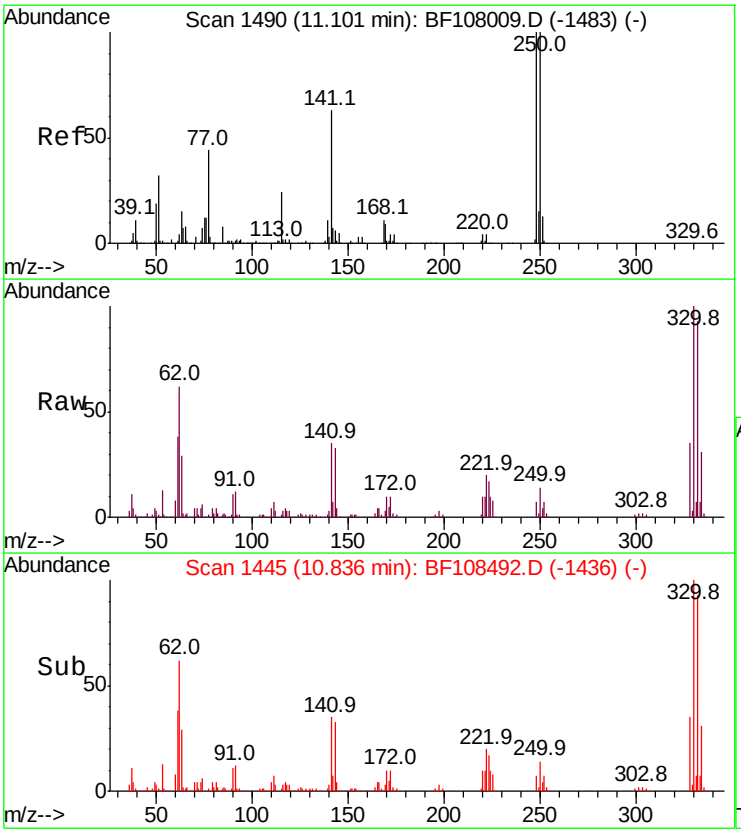
#64
4,6-Dinitro-2-methylphenol
Concen: 5.722 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 617

Ion	Ratio	Lower	Upper
198	100		
51	233.4	37.7	77.7#
105	205.7	36.3	76.3#

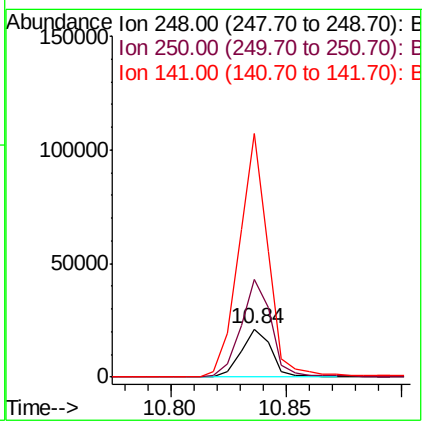


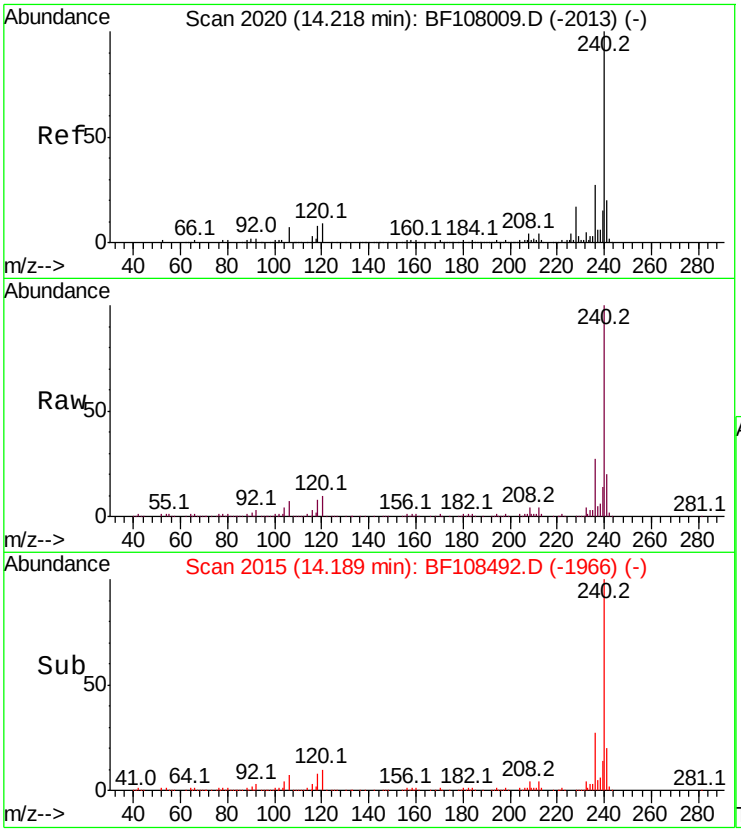


#66
4-Bromophenyl-phenylether
Concen: 4.395 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:248 Resp: 19177

Ion	Ratio	Lower	Upper
248	100		
250	202.9	76.9	115.3#
141	505.6	74.4	111.6#



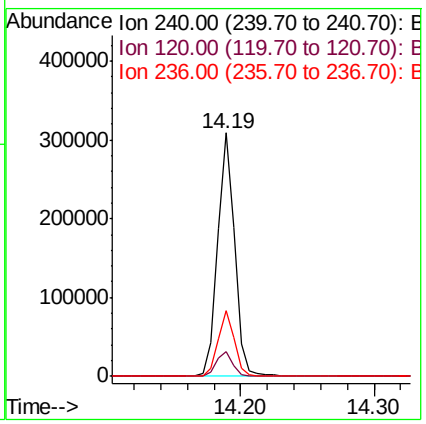


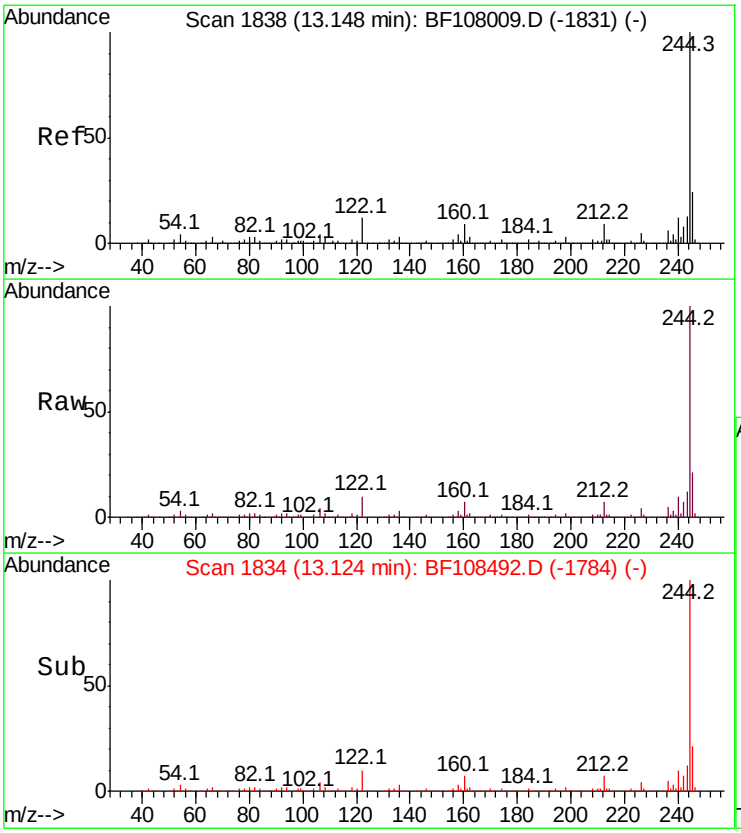
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 279276

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	27.1	20.7	31.1

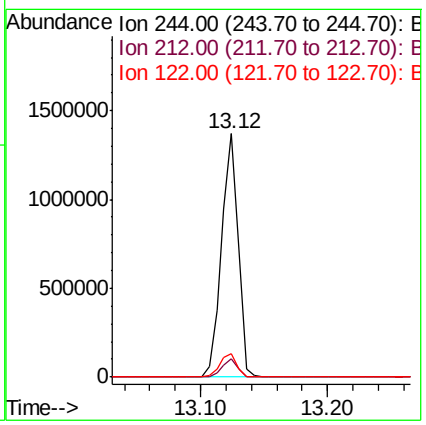


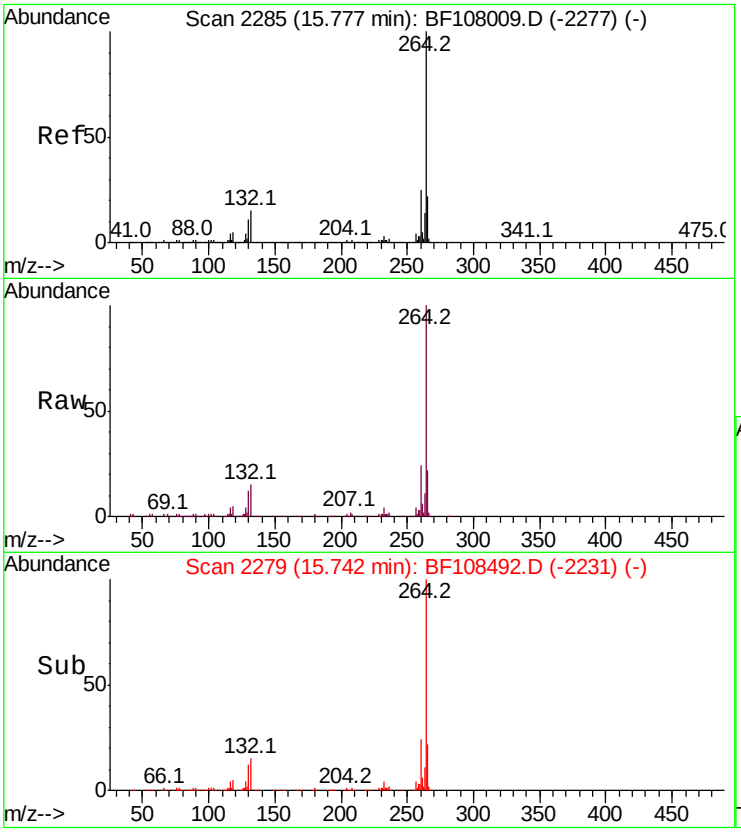


#78
Terphenyl-d14
Concen: 114.105 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:244 Resp: 1253329

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.8	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: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 274964

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3