Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
Data File : BF108585.D
Acq On : 29 Aug 2018 5:10
Operator : JU/SJ
Sample : J4656-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082418-DBRI-F-D-M

Quant Time: Aug 29 07:56:01 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	109851	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	401910	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	178557	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	306008	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	287825	20.00	ng	0.00
86) Perylene-d12	15.75	264	230205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	217712	35.88	ng	0.00
7) Phenol-d6	6.63	99	235671	29.23	ng	0.00
23) Nitrobenzene-d5	7.57	82	784977	108.99	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	170264	95.60	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1403595	126.20	ng	-0.01
78) Terphenyl-d14	13.12	244	1113901	98.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	104452	19.157	ng	# 82
25) Isophorone	7.57	82	784973	57.179	ng	# 64
49) Dimethylphthalate	9.75	163	70779	5.691	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	22457	8.630	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	22458	6.705	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	149	5.474	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11089	3.335	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
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BNA_F
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082418-DBRI-F-D-M

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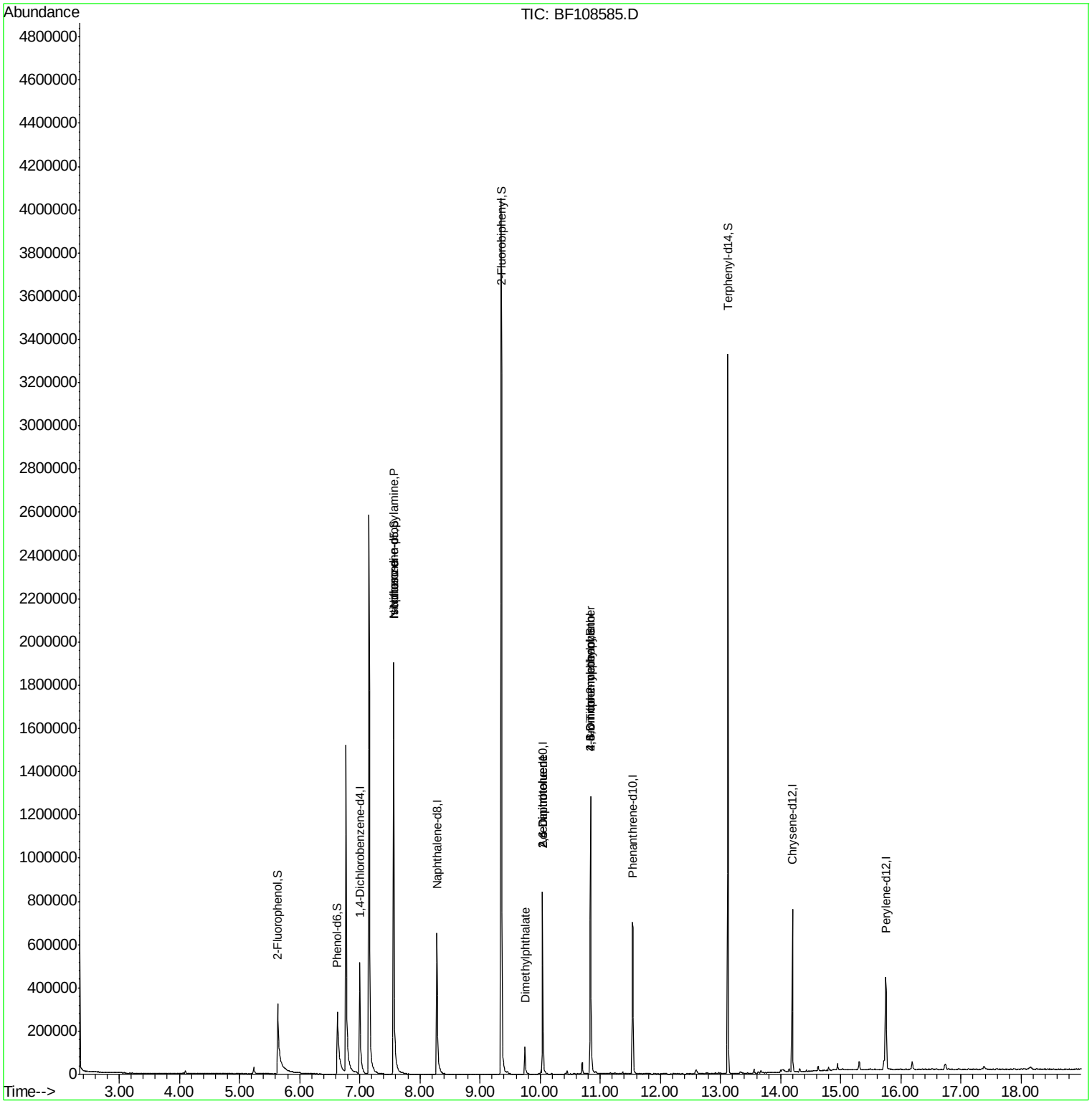
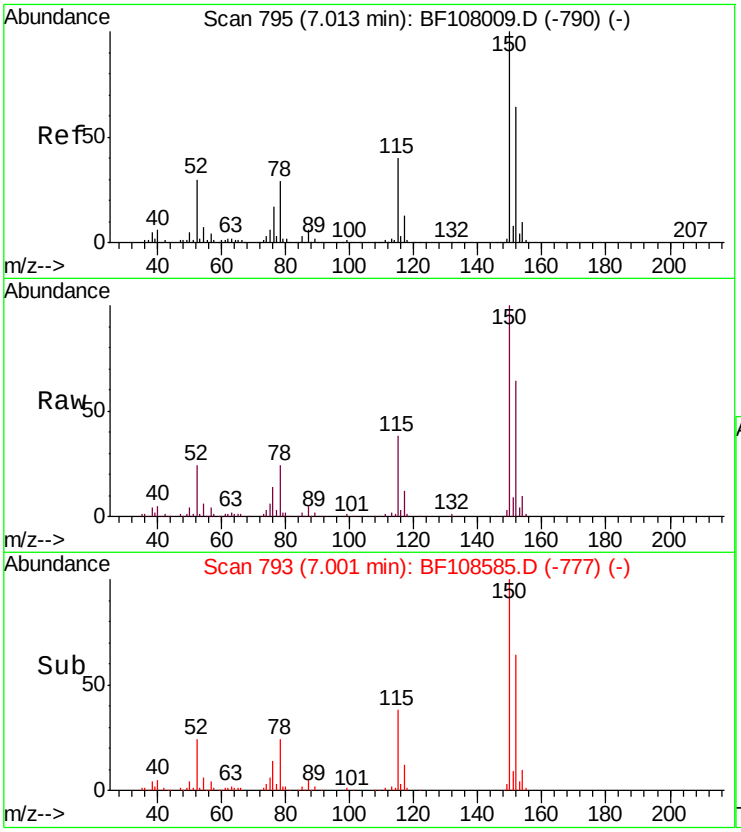


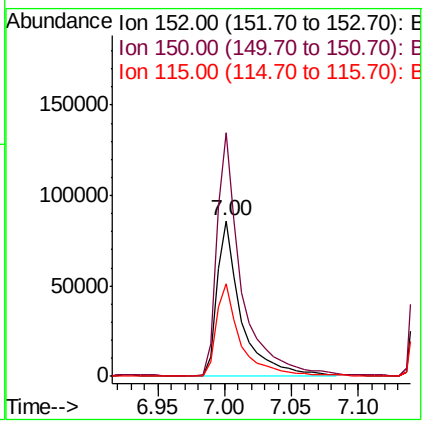


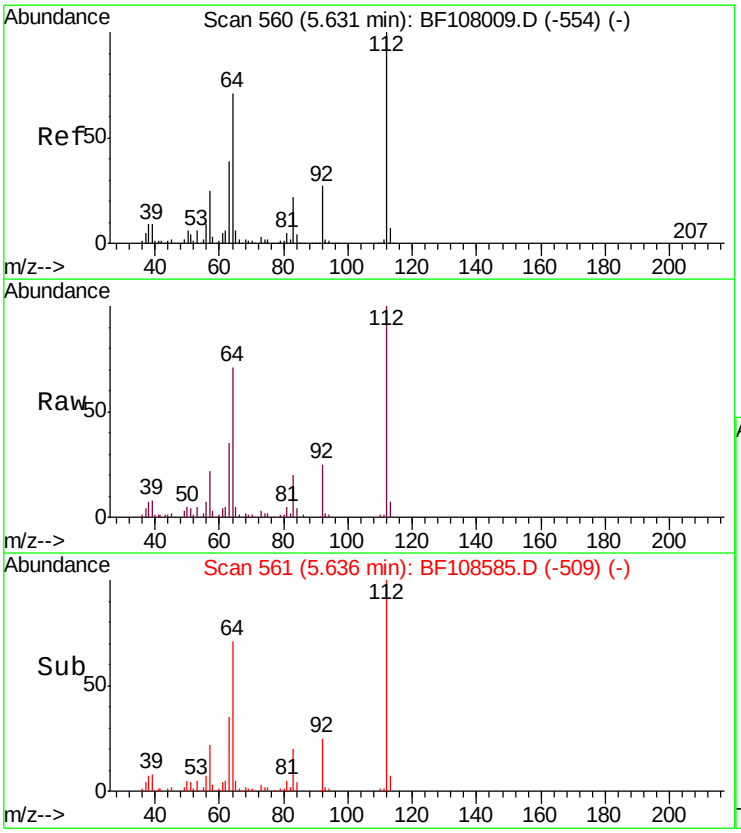
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:152 Resp: 109851

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.3	50.1	75.1

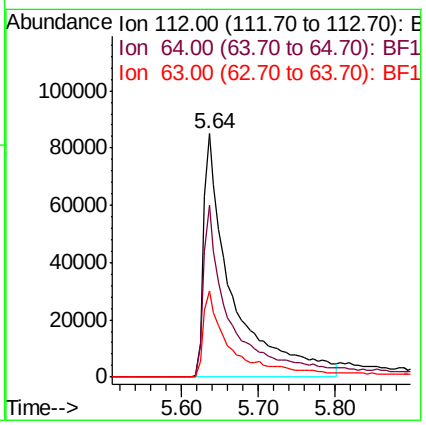


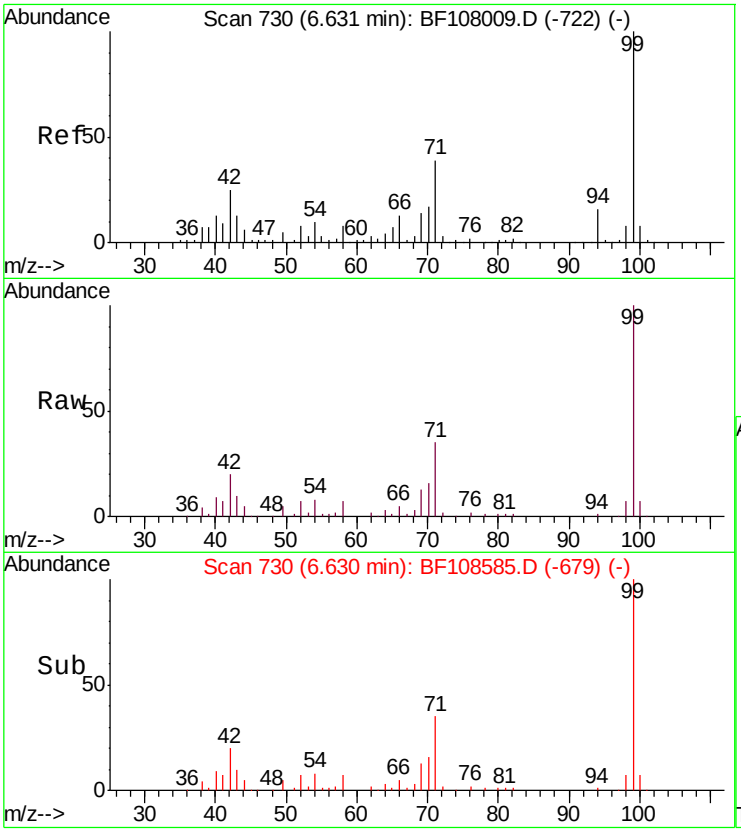


#5
2-Fluorophenol
Concen: 35.881 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:112 Resp: 217712

Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	35.2	23.7	35.5



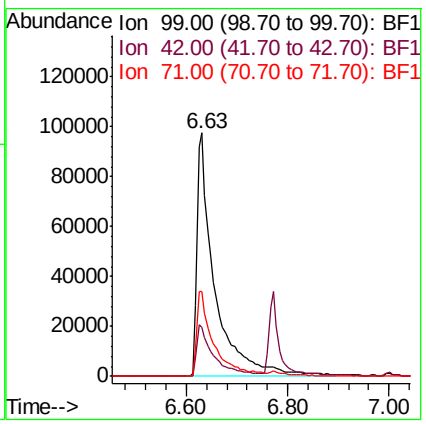


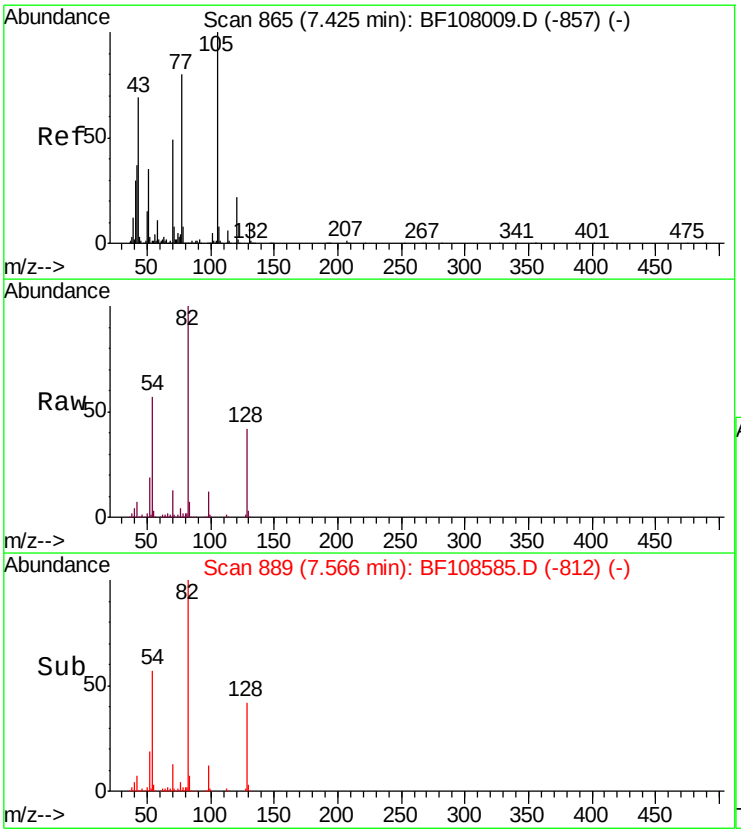
#7
Phenol-d6
Concen: 29.229 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion: 99 Resp: 235671

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.0	25.4	38.0

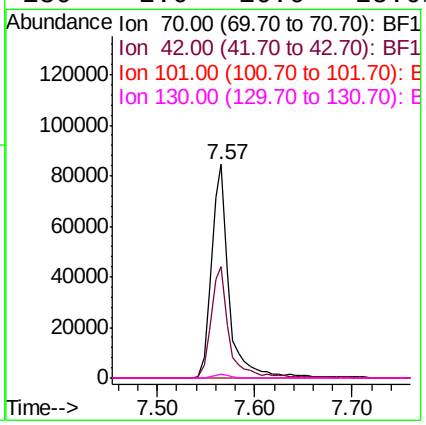


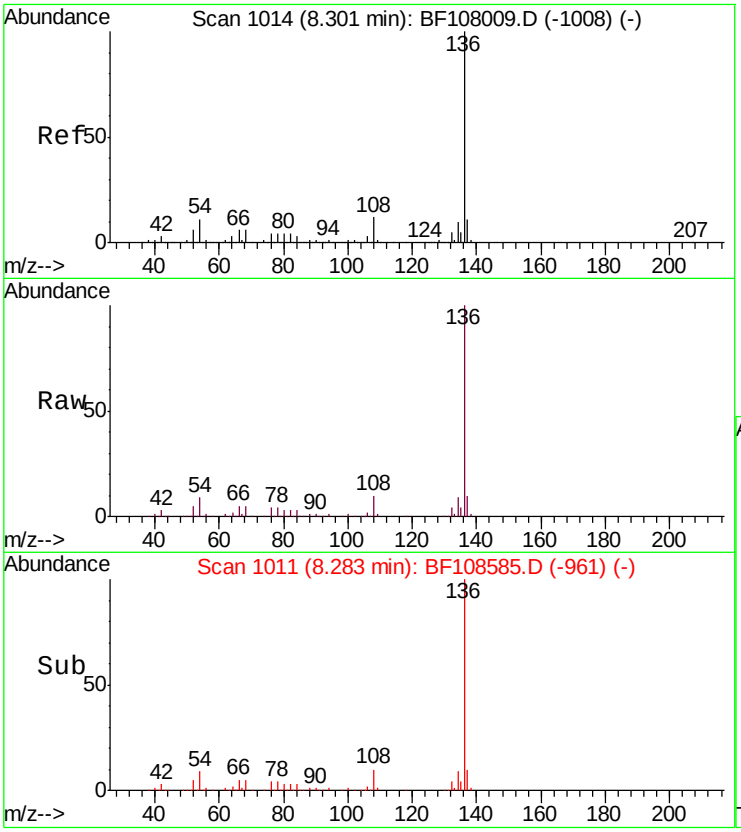


#19
n-Nitroso-di-n-propylamine
Concen: 19.157 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion: 70 Resp: 104452

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



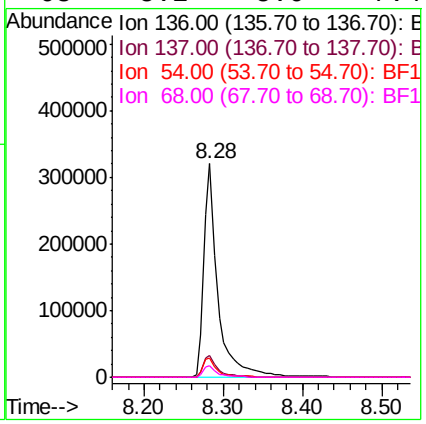


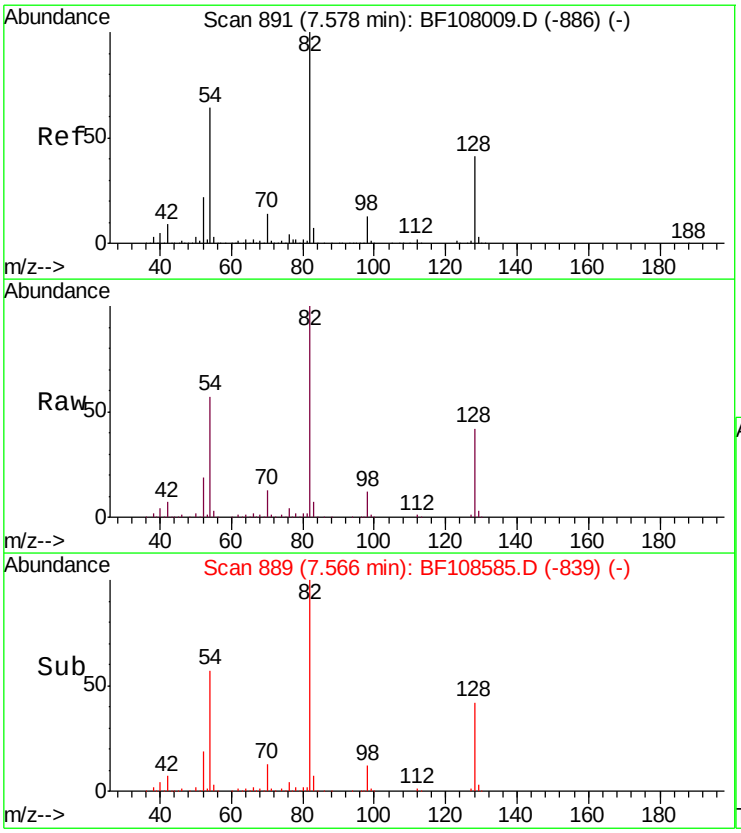
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:136 Resp: 401910

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.3	6.6	9.8
68	5.2	5.0	7.4

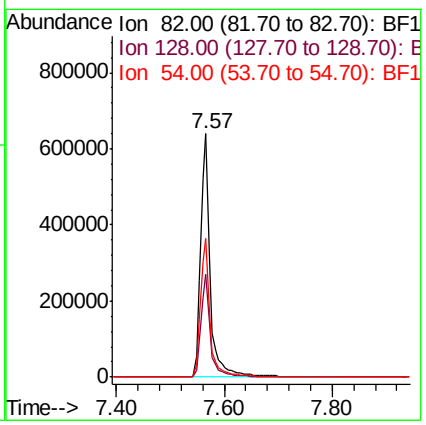


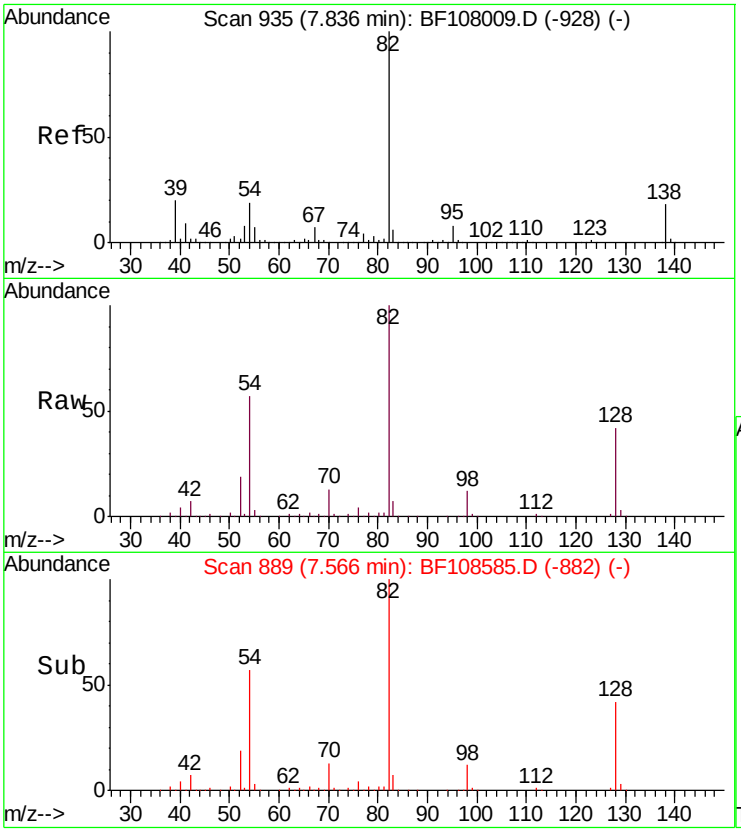


#23
Nitrobenzene-d5
Concen: 108.987 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion: 82 Resp: 784977

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	56.9	41.4	62.2



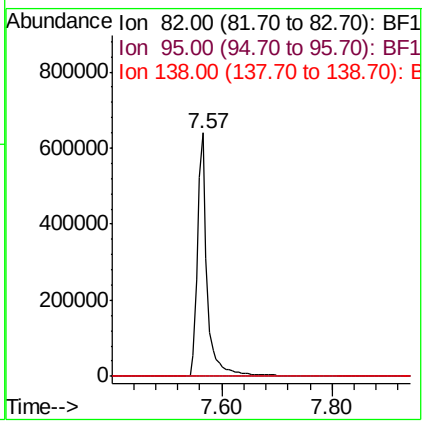


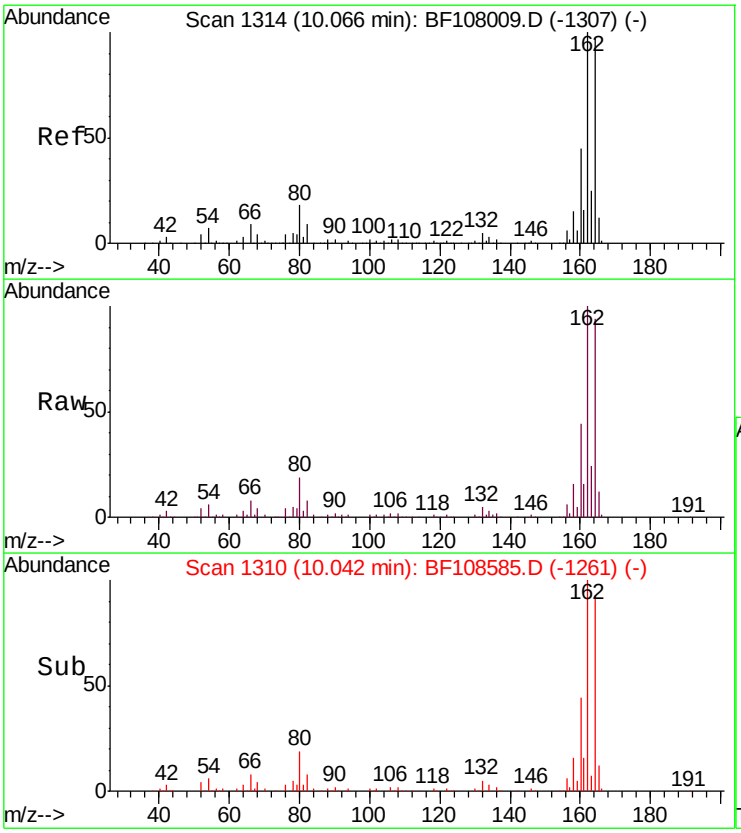
#25
Isophorone
Concen: 57.179 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion: 82 Resp: 784973

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

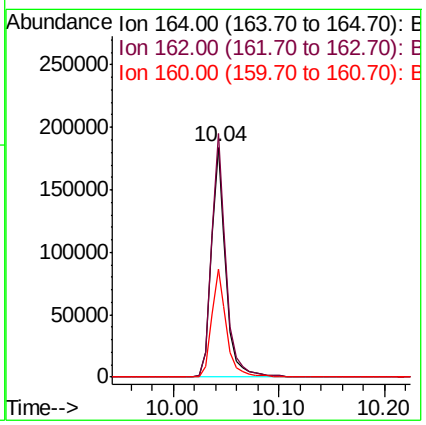


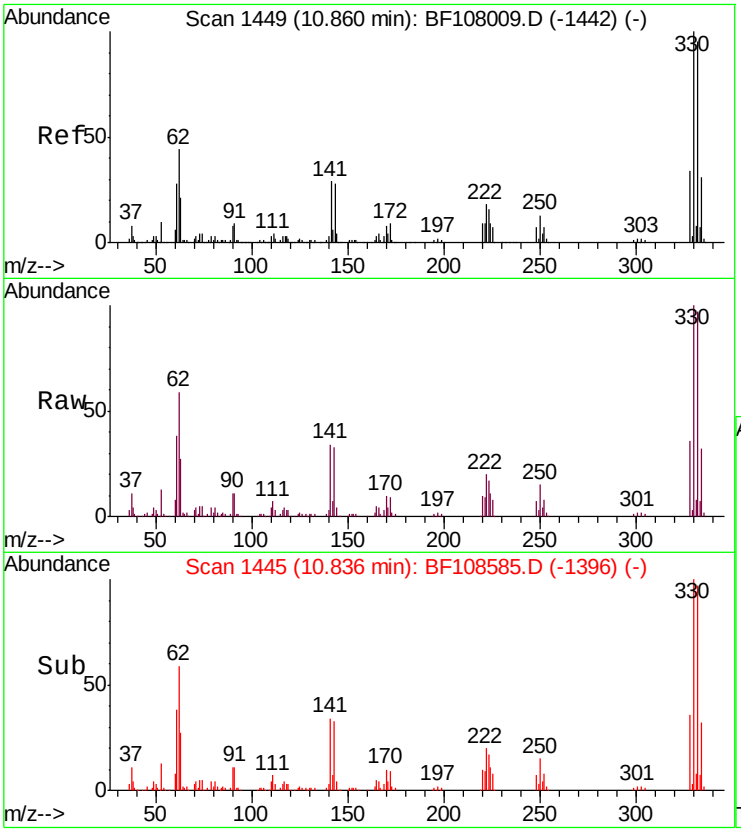


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:164 Resp: 178557

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.1	38.3	57.5



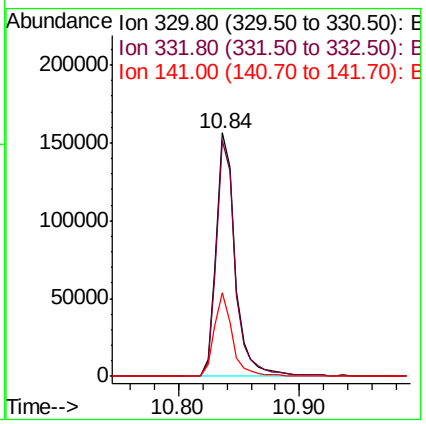


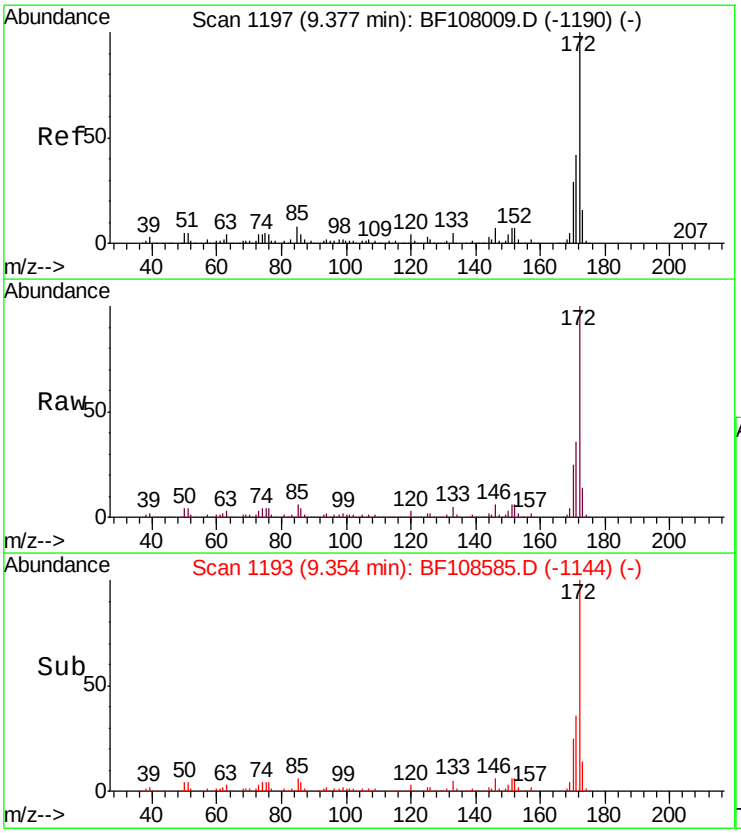
#41
2,4,6-Tribromophenol
Concen: 95.597 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:330 Resp: 170264

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.5	29.9	44.9

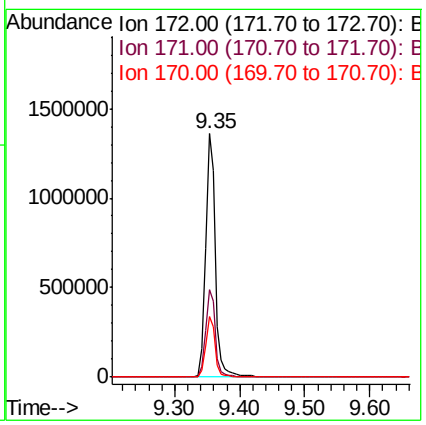


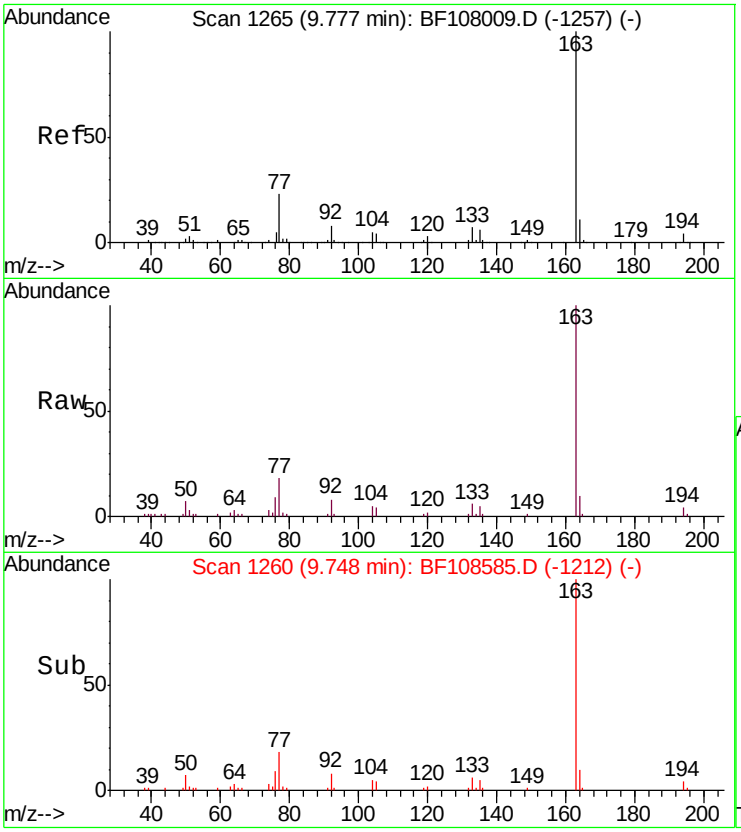


#44
2-Fluorobiphenyl
Concen: 126.202 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:172 Resp: 1403595

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.6	19.6	29.4



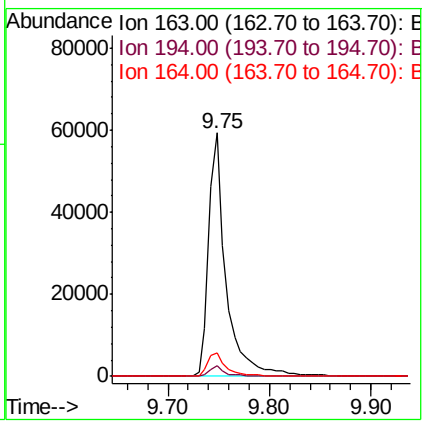


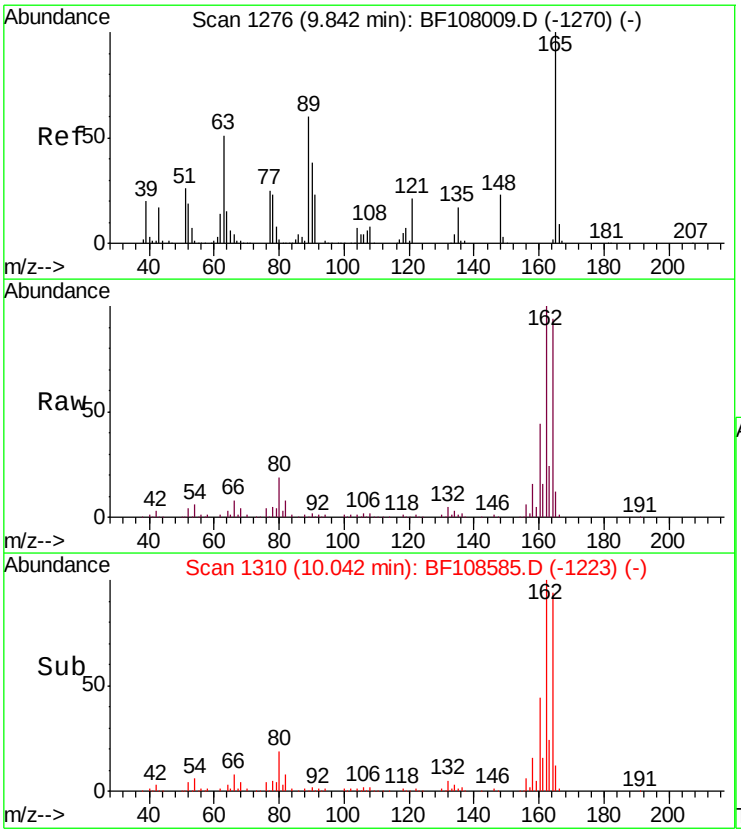
#49
Dimethylphthalate
Concen: 5.691 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:163 Resp: 70779

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.6	8.2	12.2

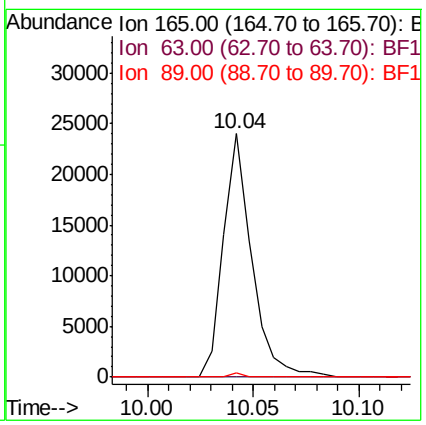


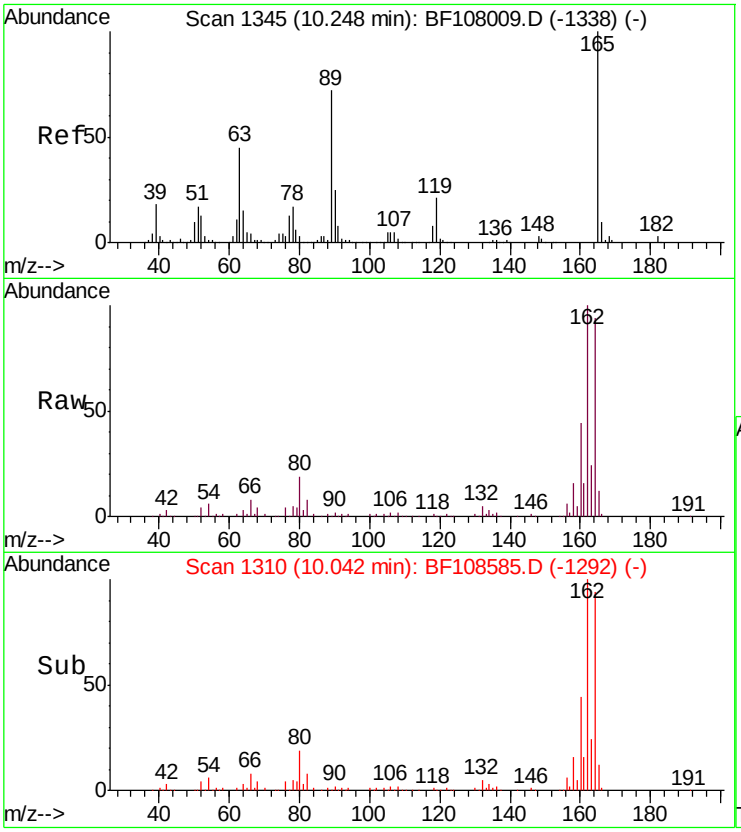


#50
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:165 Resp: 22457

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



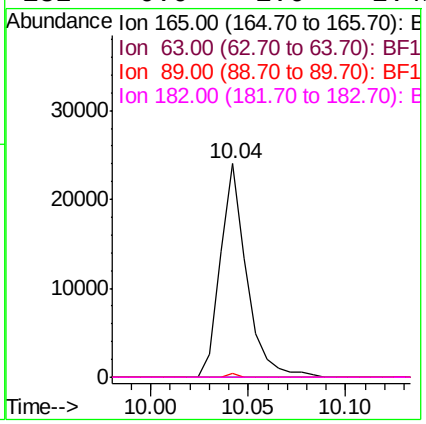


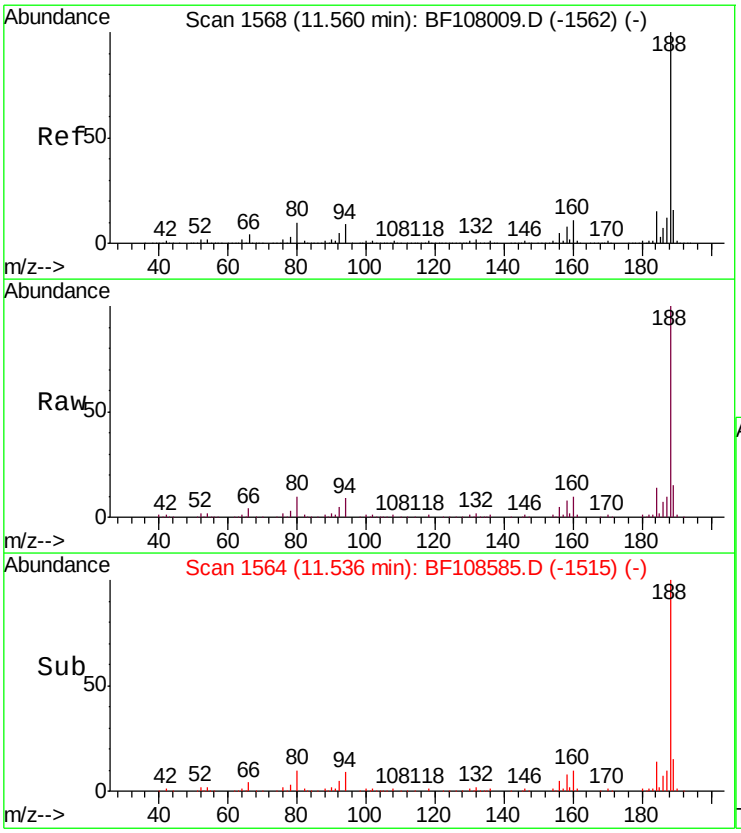
#56
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:165 Resp: 22458

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

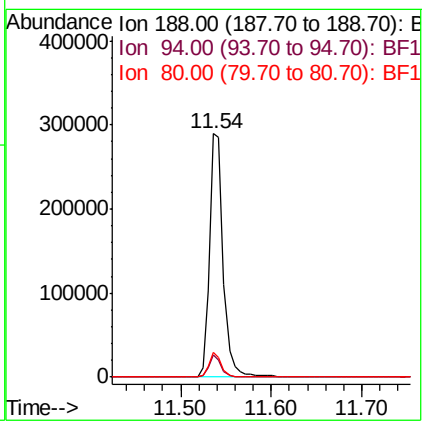


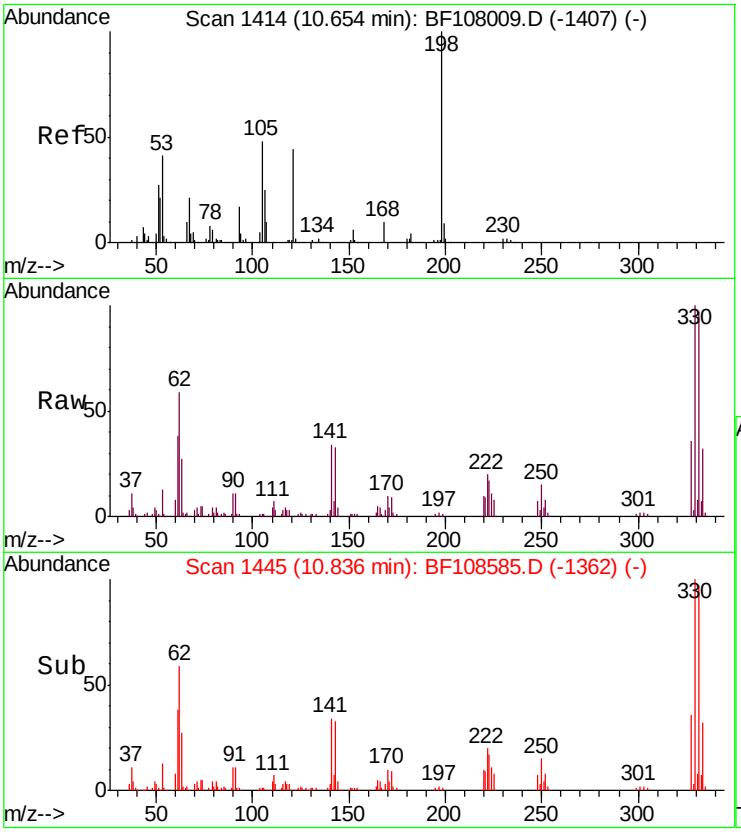


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:188 Resp: 306008

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.1	9.2	13.8



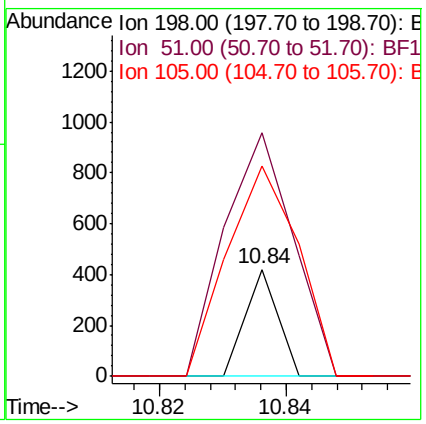


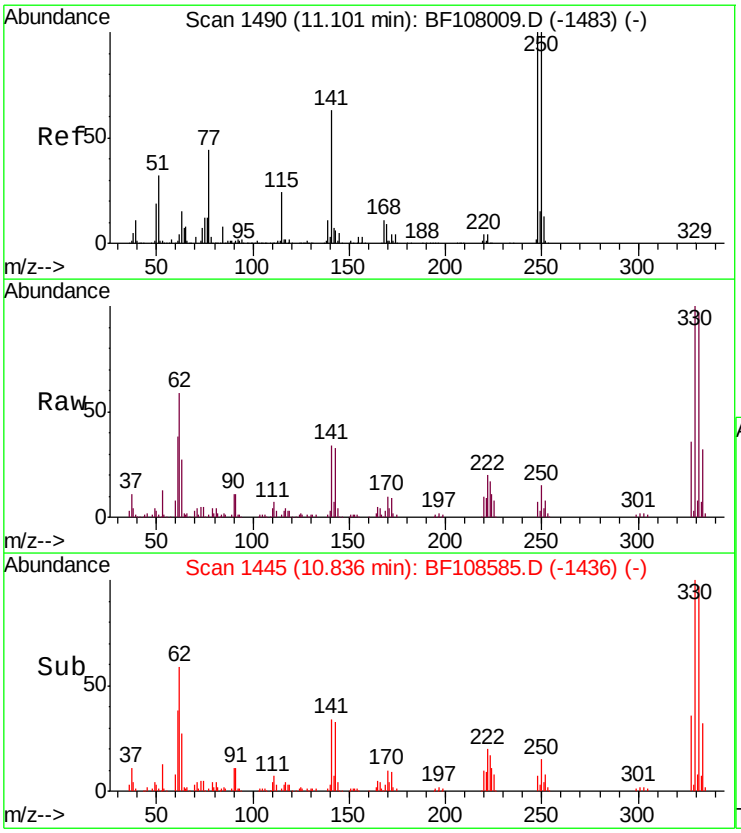
#64
4,6-Dinitro-2-methylphenol
Concen: 5.474 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:198 Resp: 149

Ion	Ratio	Lower	Upper
198	100		
51	227.3	37.7	77.7#
105	196.2	36.3	76.3#

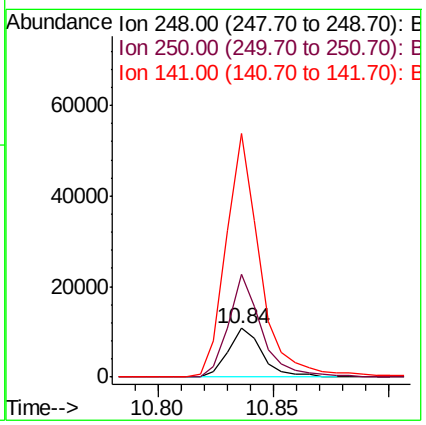


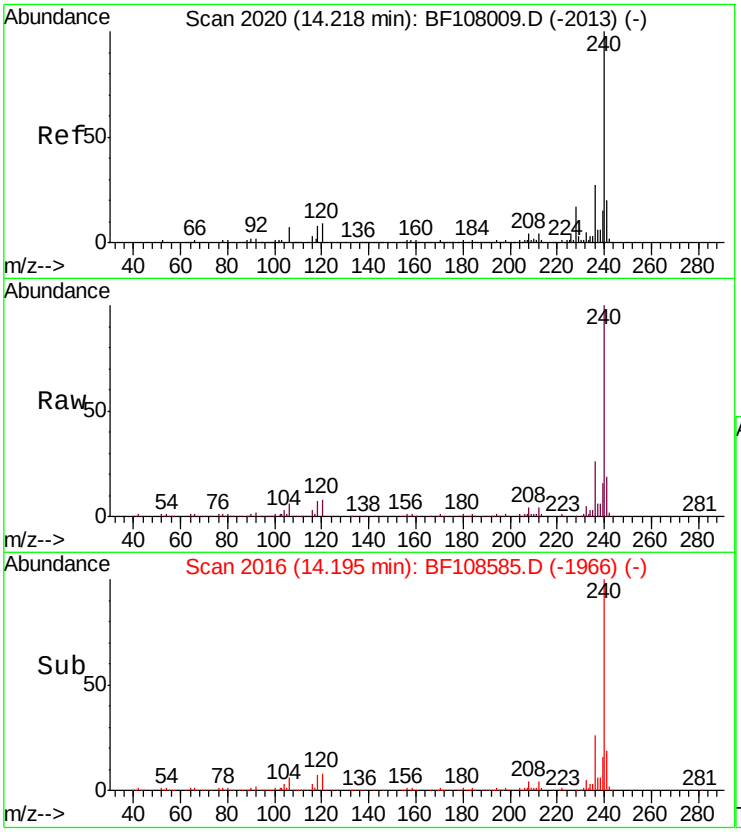


#66
4-Bromophenyl-phenylether
Concen: 3.335 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:248 Resp: 11089

Ion	Ratio	Lower	Upper
248	100		
250	212.0	76.9	115.3#
141	501.3	74.4	111.6#



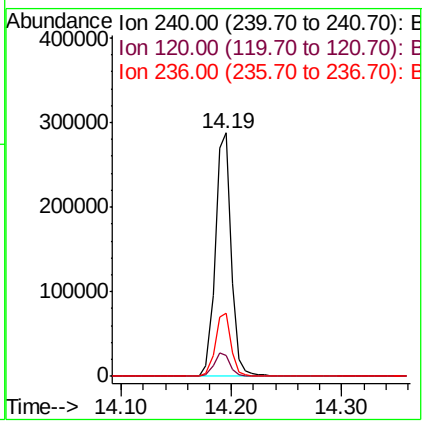


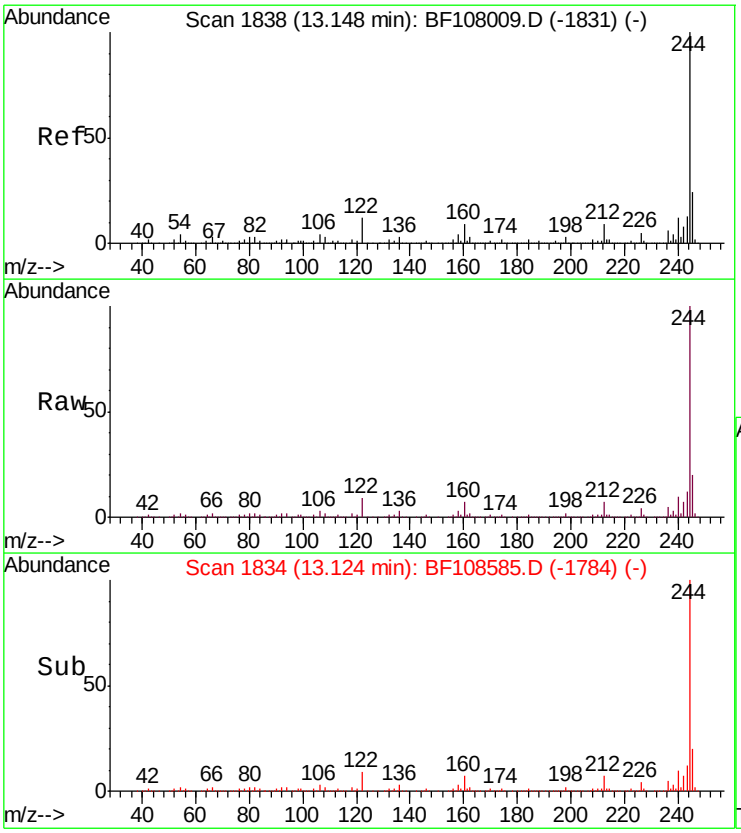
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:240 Resp: 287825

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.9	20.7	31.1

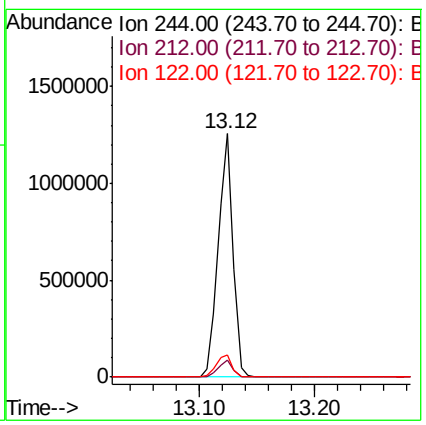


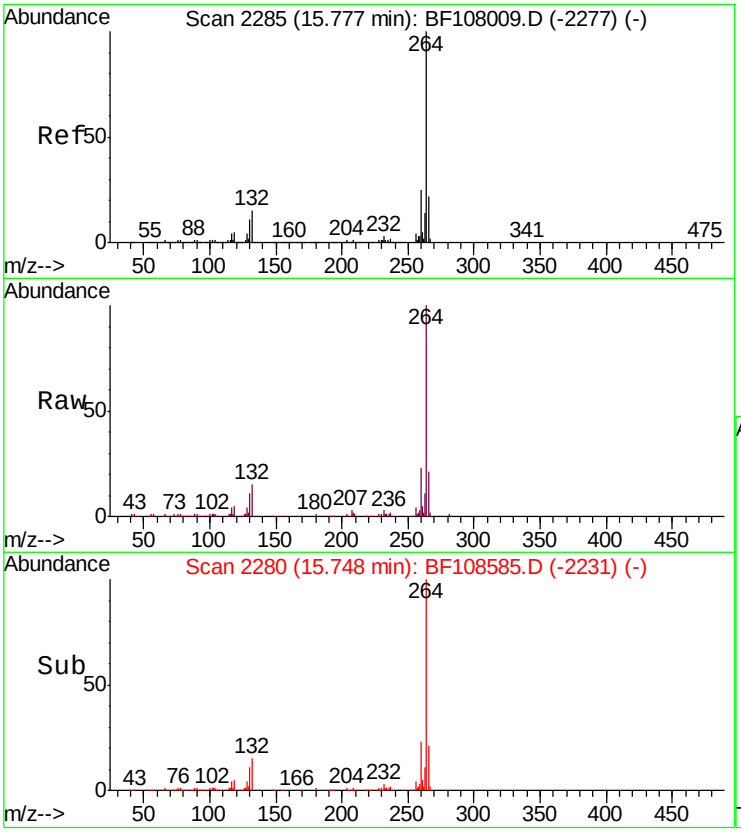


#78
Terphenyl-d14
Concen: 98.399 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108585.D
Acq: 29 Aug 2018 5:10

Tgt Ion:244 Resp: 1113901

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.4	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: BF108585.D
Acq: 29 Aug 2018 5:10

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-M

Tgt Ion:264 Resp: 230205

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3