Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108718.D
Acq On : 1 Sep 2018 5:08
Operator : JU/SJ
Sample : J4729-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 06:36:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	62575	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	229544	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	105955	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	235200	20.00	ng	0.00
75) Chrysene-d12	14.19	240	234693	20.00	ng	0.00
86) Perylene-d12	15.75	264	157835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	39369	10.93	ng	0.03
7) Phenol-d6	6.66	99	75516	14.64	ng	0.01
23) Nitrobenzene-d5	7.57	82	497447	110.00	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	117417	83.95	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	903767	114.69	ng	0.00
78) Terphenyl-d14	13.12	244	1033635	85.57	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.15	79	8936	2.408	ng	# 46
19) n-Nitroso-di-n-propylamine	7.57	70	57681	16.695	ng	# 84
25) Isophorone	7.57	82	499667	66.513	ng	# 64
49) Dimethylphthalate	9.74	163	59728	7.159	ng	100
50) 2,6-Dinitrotoluene	10.04	165	12658	6.883	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	13138	5.395	ng	# 21
76) Benzidine	13.12	184	13388	2.027	ng	# 93

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

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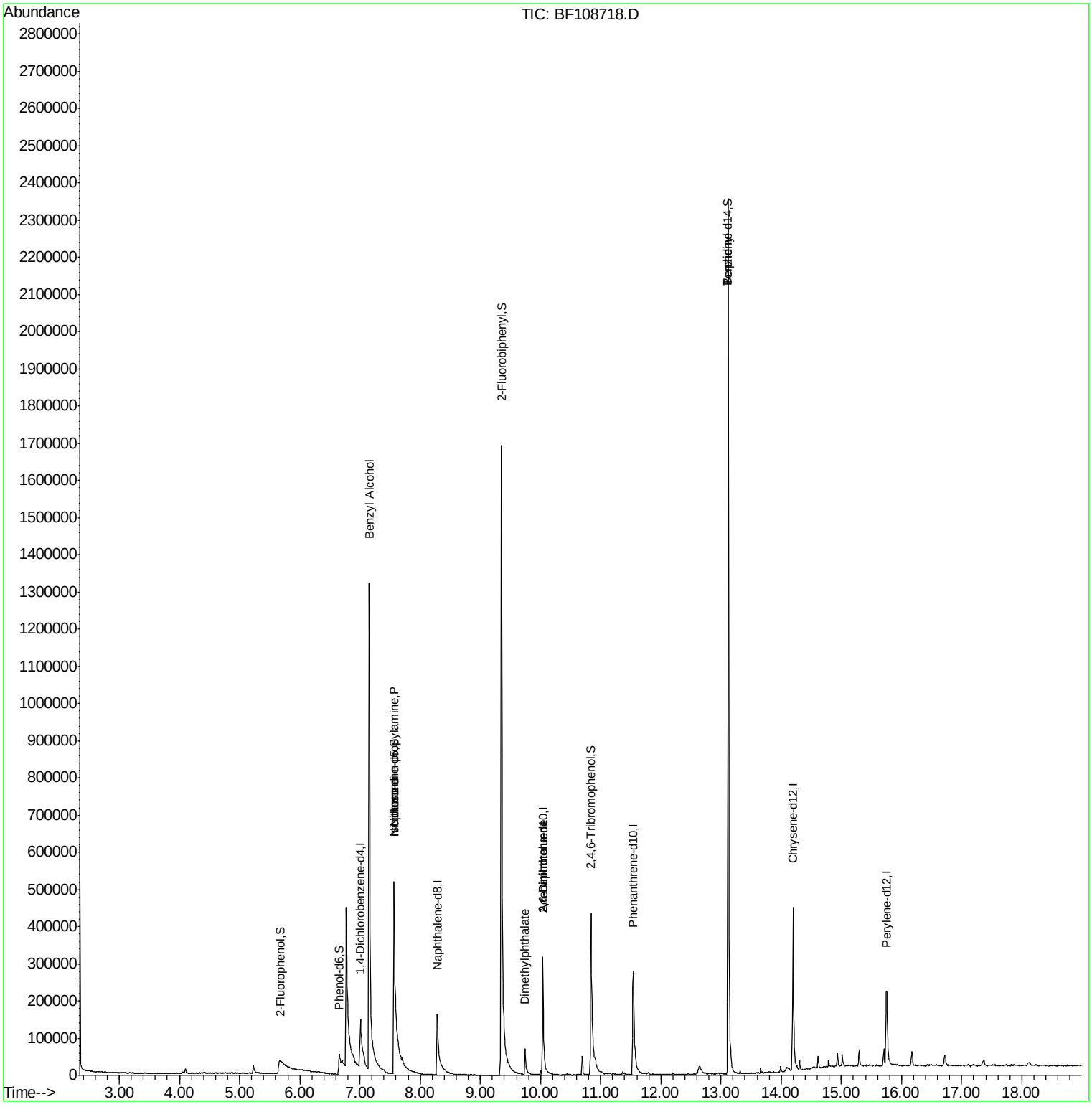
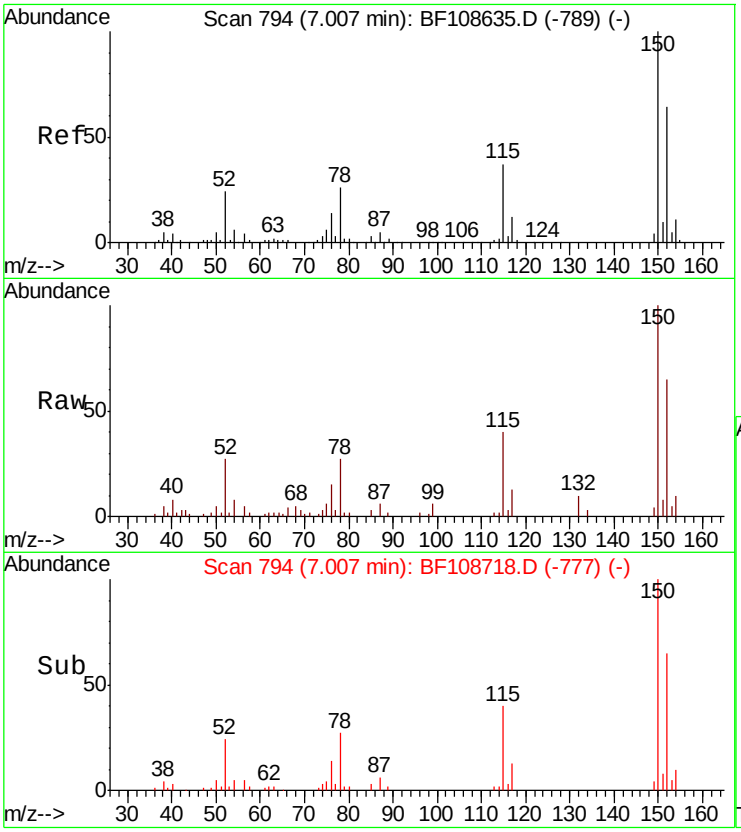
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



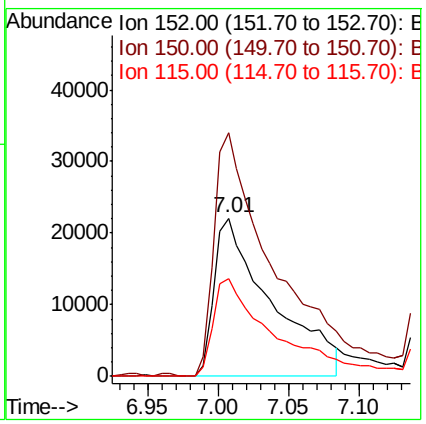


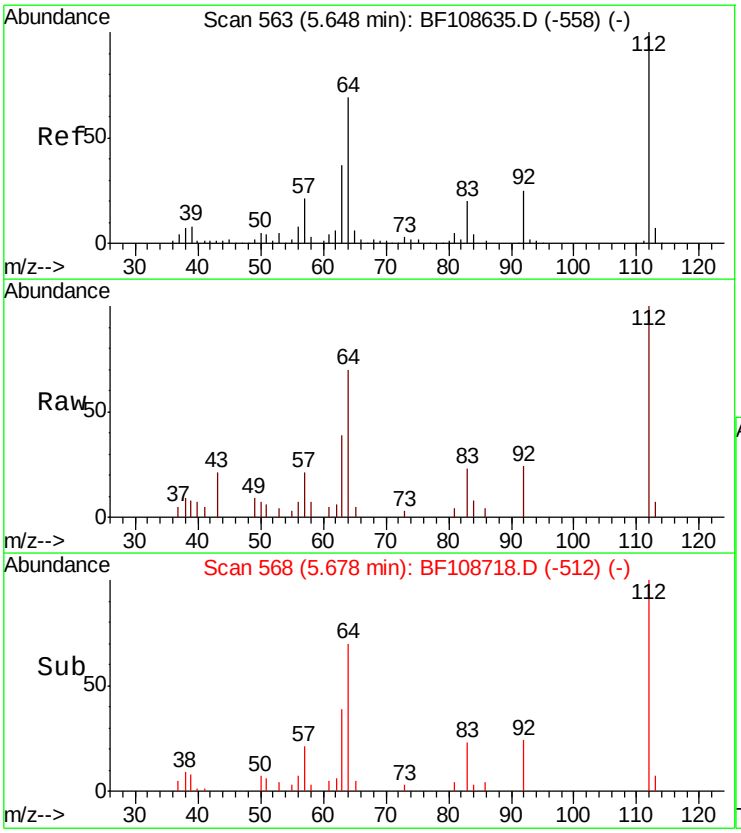
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 62575

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	61.3	50.1	75.1

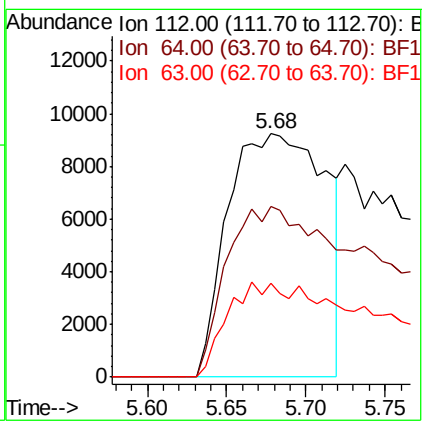


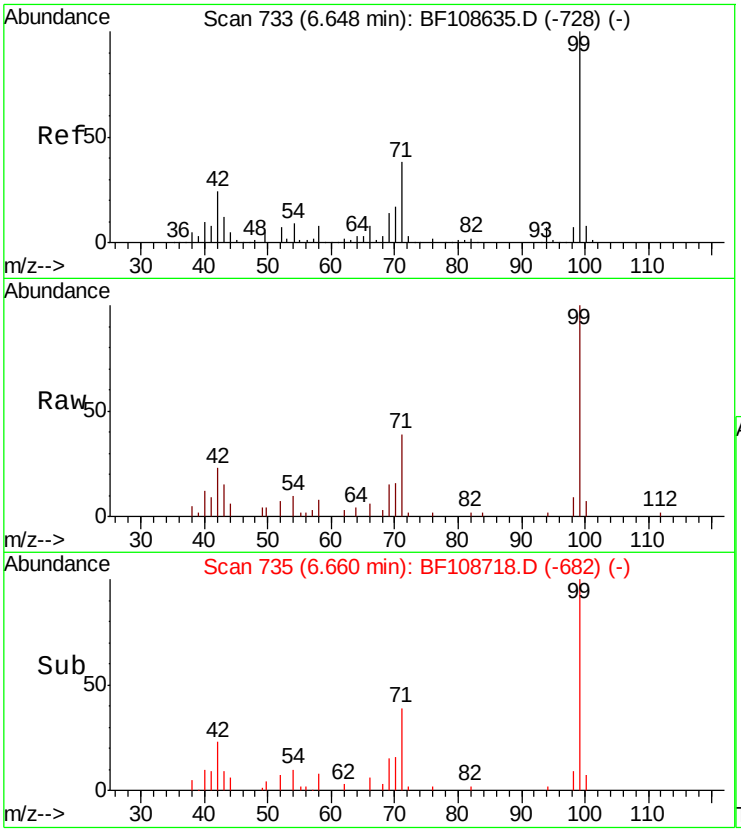


#5
2-Fluorophenol
Concen: 10.930 ng
RT: 5.68 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:112 Resp: 39369

Ion	Ratio	Lower	Upper
112	100		
64	70.3	47.9	71.9
63	38.5	23.7	35.5#



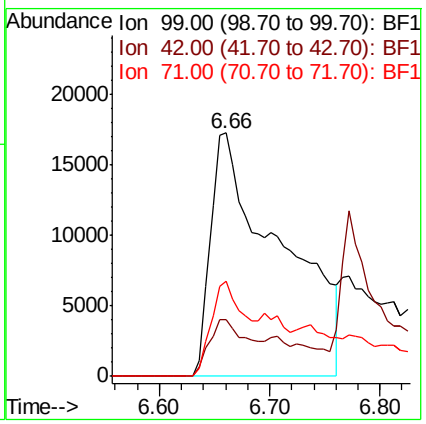


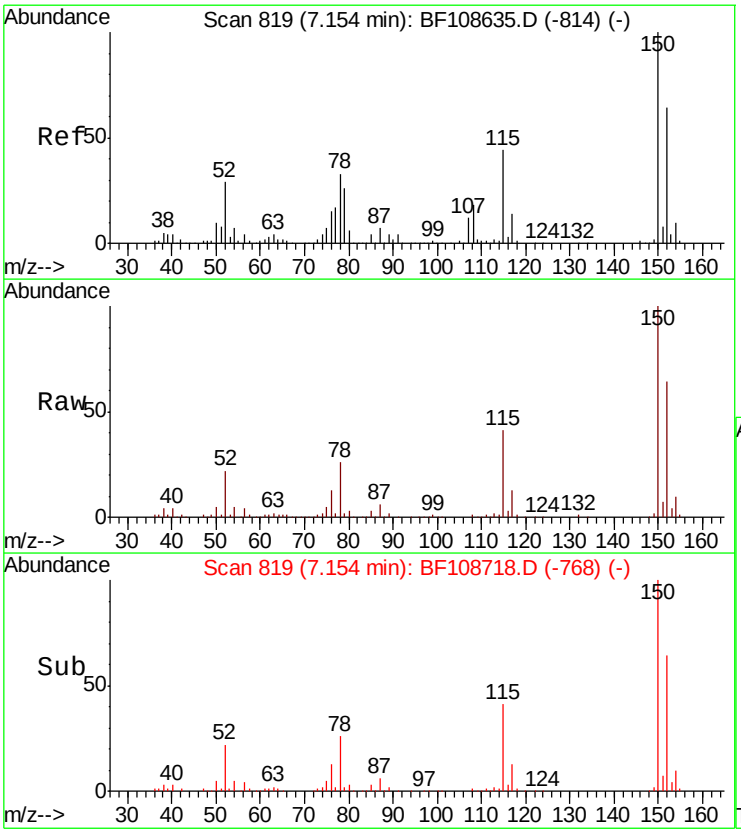
#7
Phenol-d6
Concen: 14.638 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 75516

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	38.9	25.4	38.0#

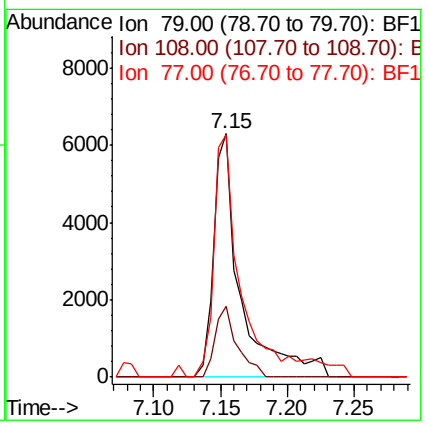


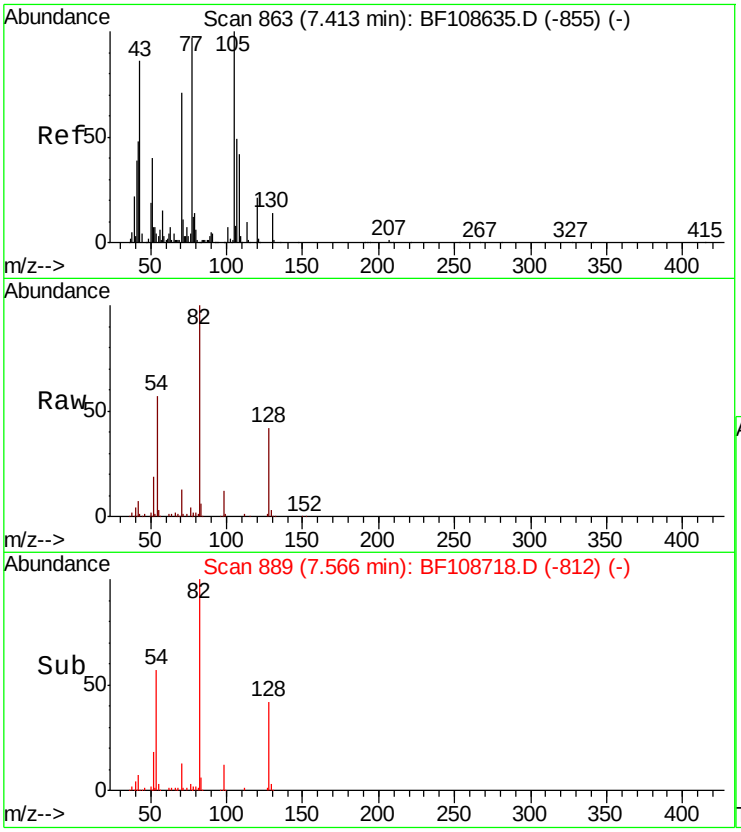


#15
Benzyl Alcohol
Concen: 2.408 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion: 79 Resp: 8936

Ion	Ratio	Lower	Upper
79	100		
108	29.1	65.1	97.7#
77	99.6	50.6	75.8#



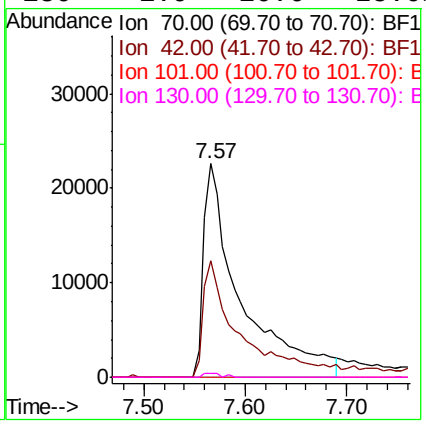


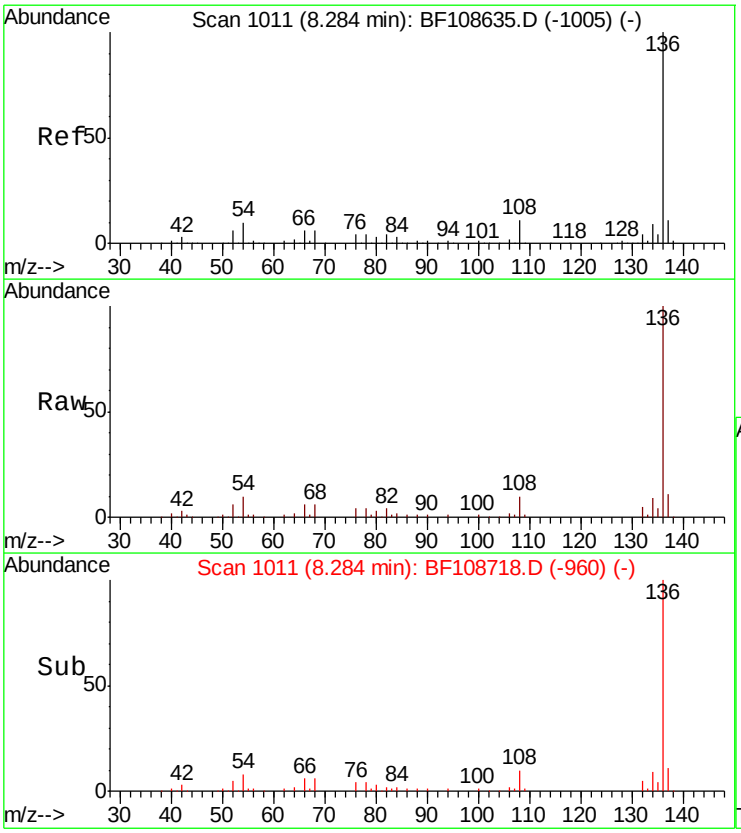
#19
n-Nitroso-di-n-propylamine
Concen: 16.695 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57681

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

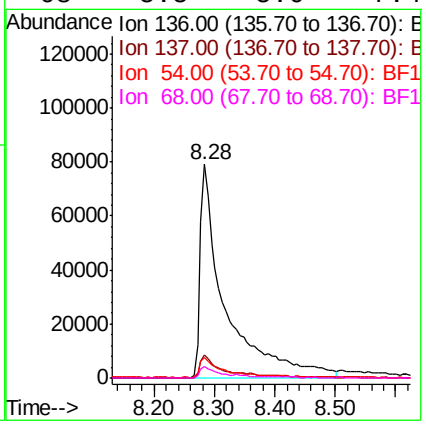


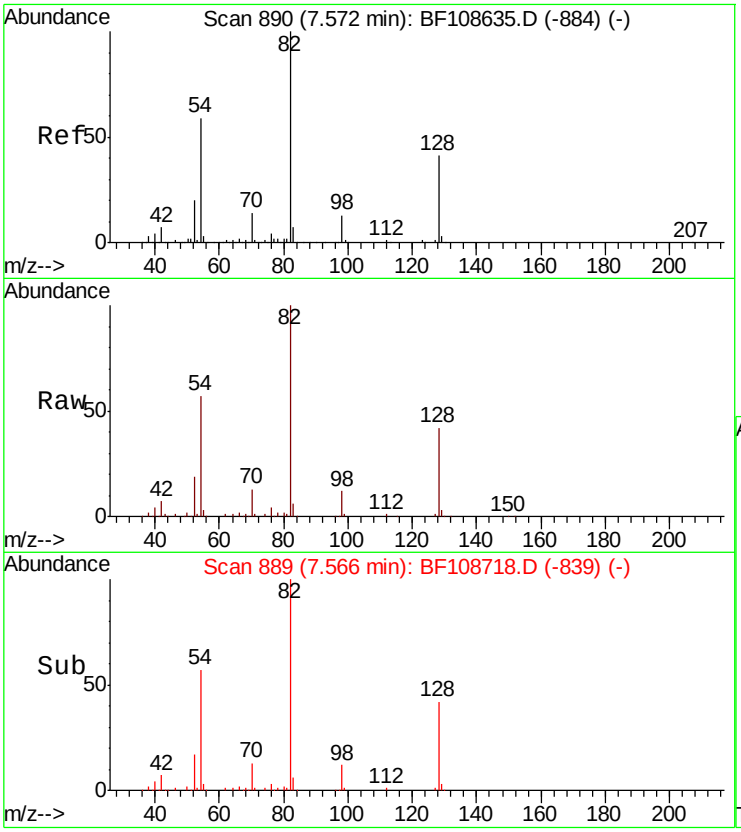


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:136 Resp: 229544

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	5.5	5.0	7.4



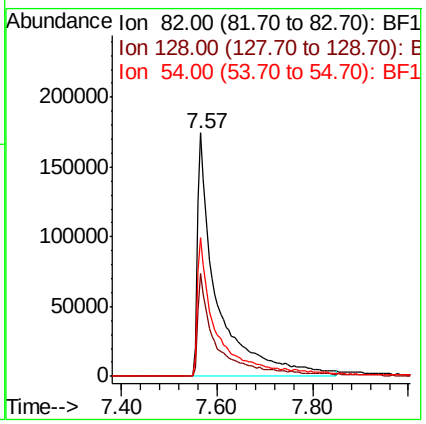


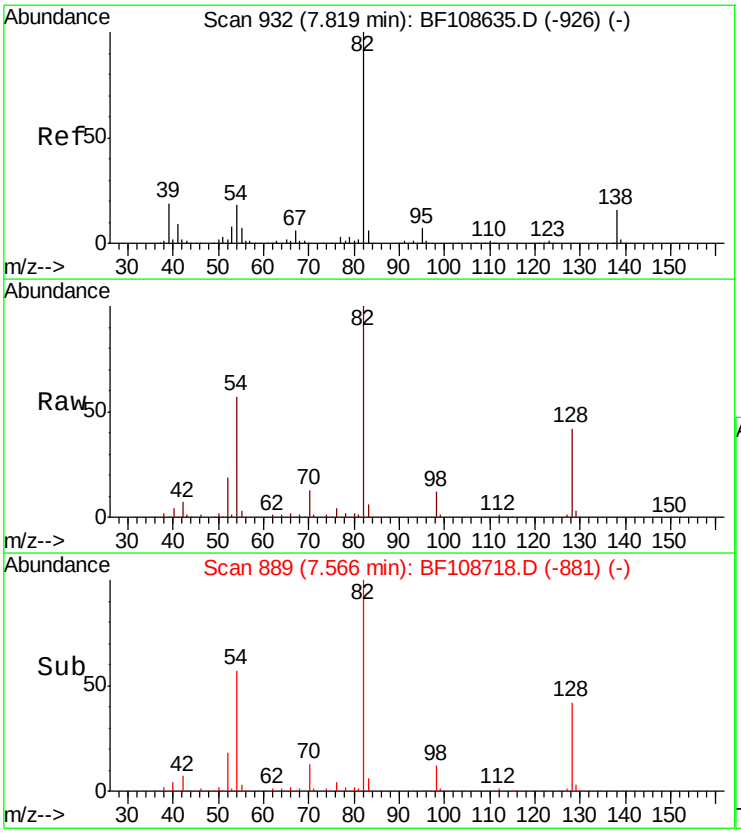
#23
Nitrobenzene-d5
Concen: 110.000 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 497447

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	57.2	41.4	62.2

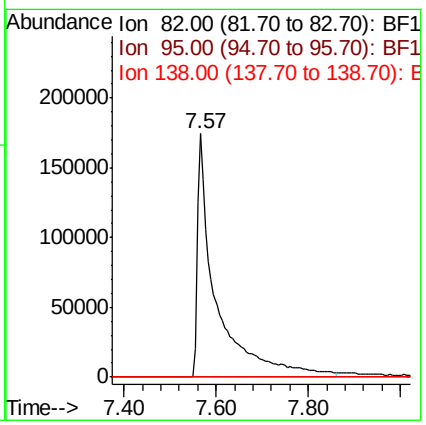


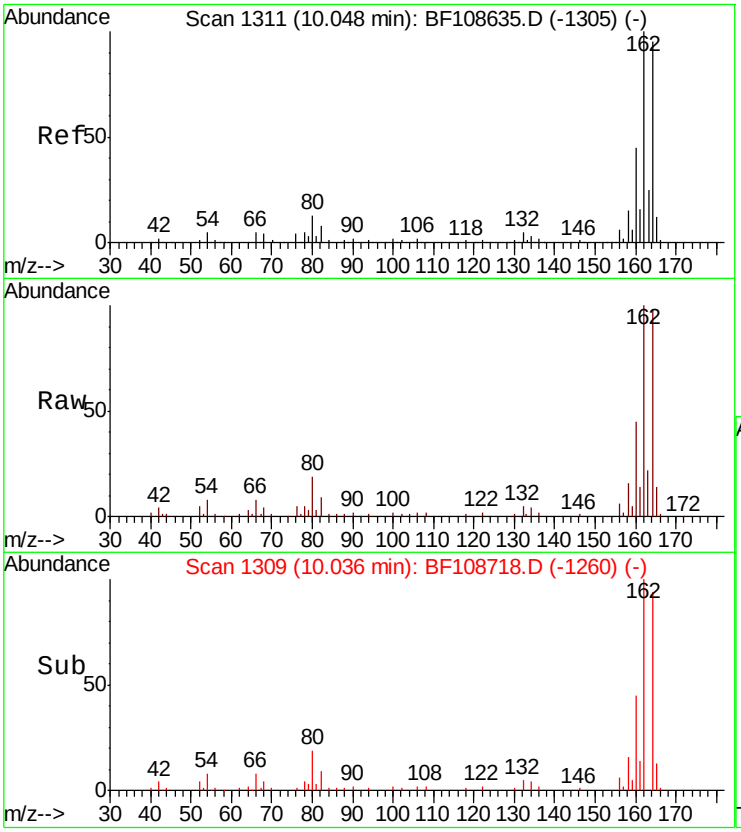


#25
Isophorone
Concen: 66.513 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion: 82 Resp: 499667

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



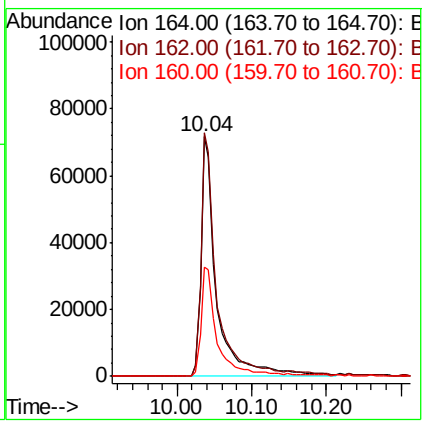


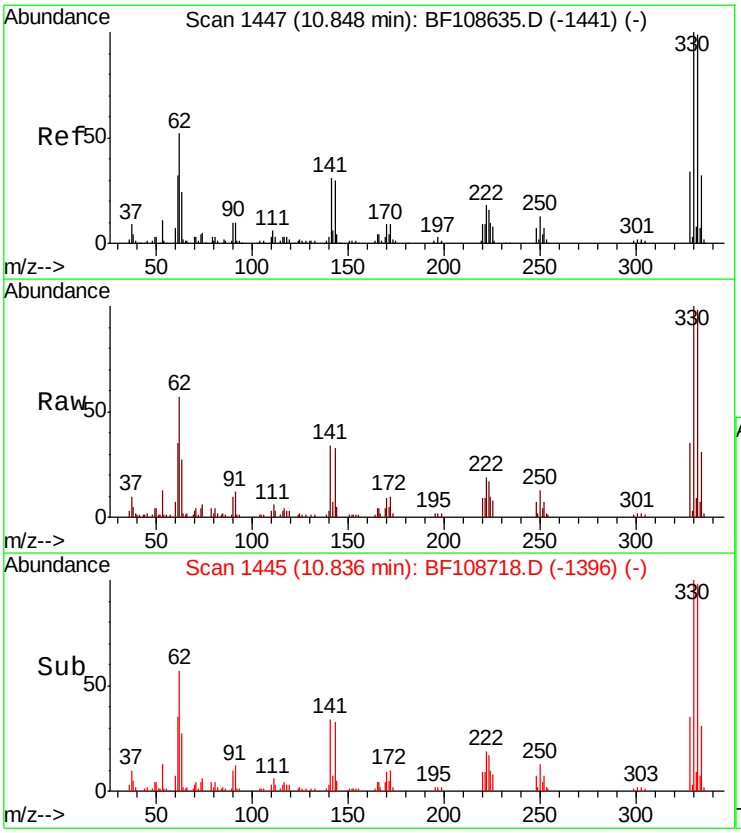
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 105955

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.8	38.3	57.5

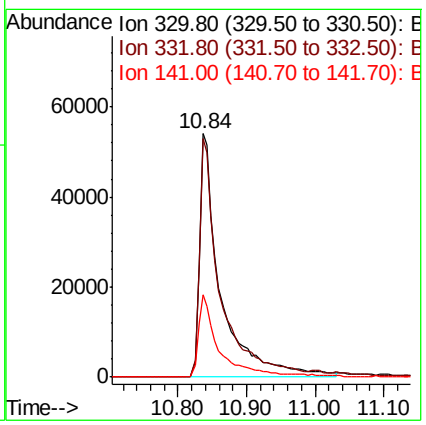


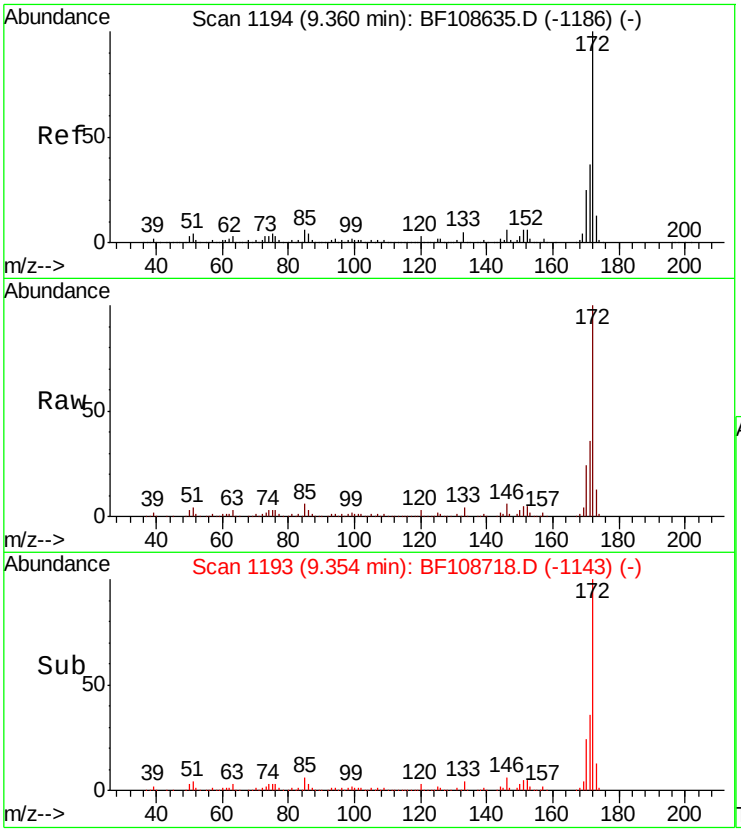


#41
2,4,6-Tribromophenol
Concen: 83.945 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:330 Resp: 117417

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.7	29.9	44.9



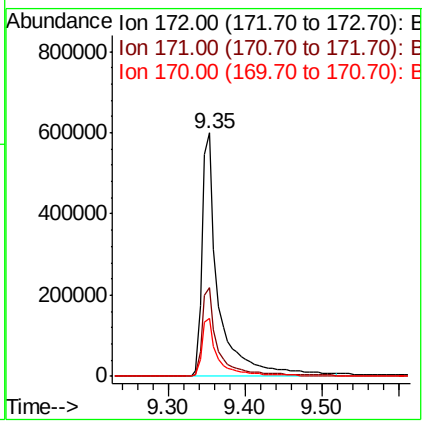


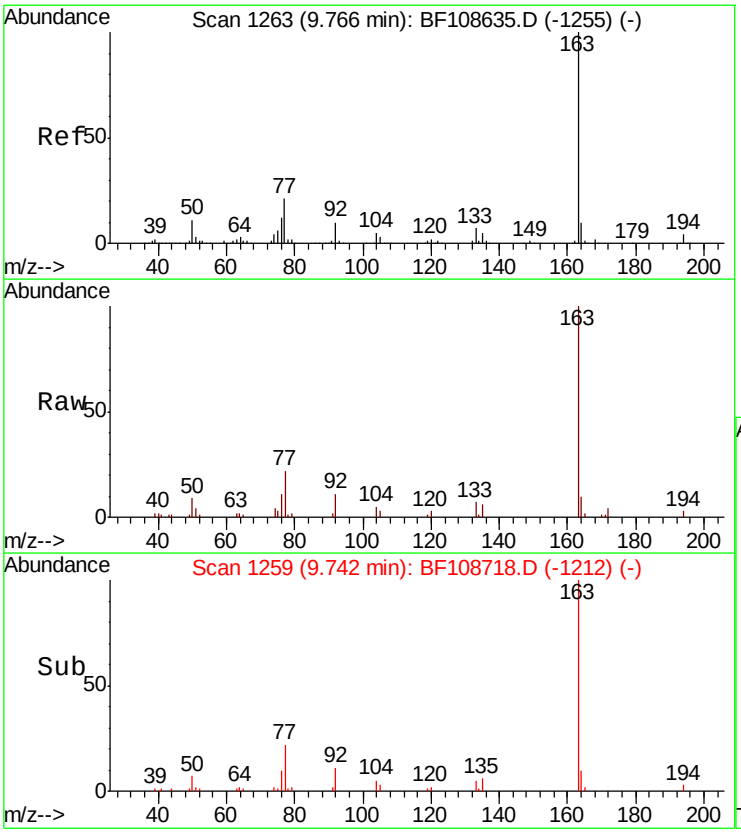
#44
2-Fluorobiphenyl
Concen: 114.689 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 903767

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

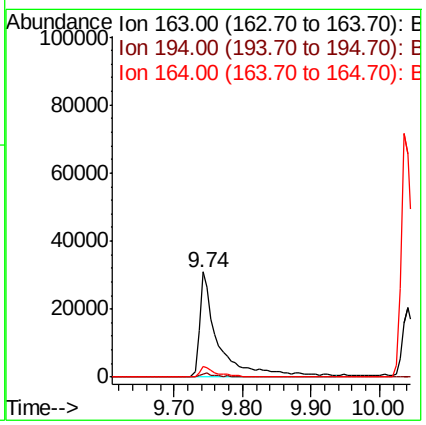


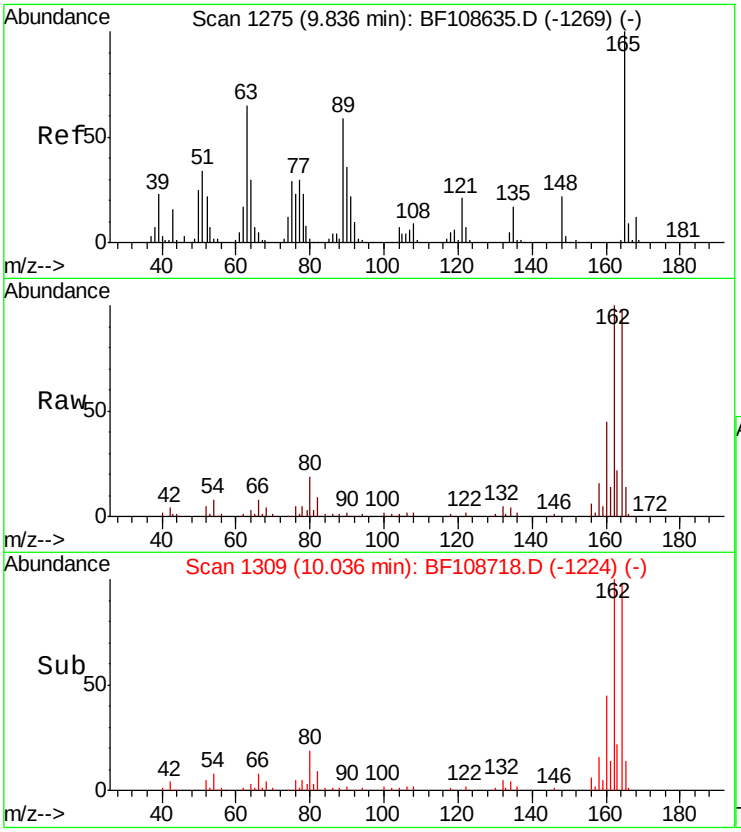


#49
Dimethylphthalate
Concen: 7.159 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:163 Resp: 59728

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2



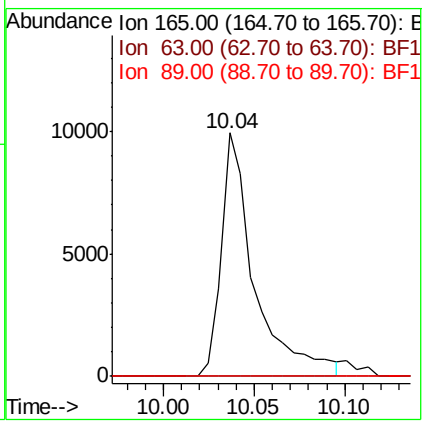


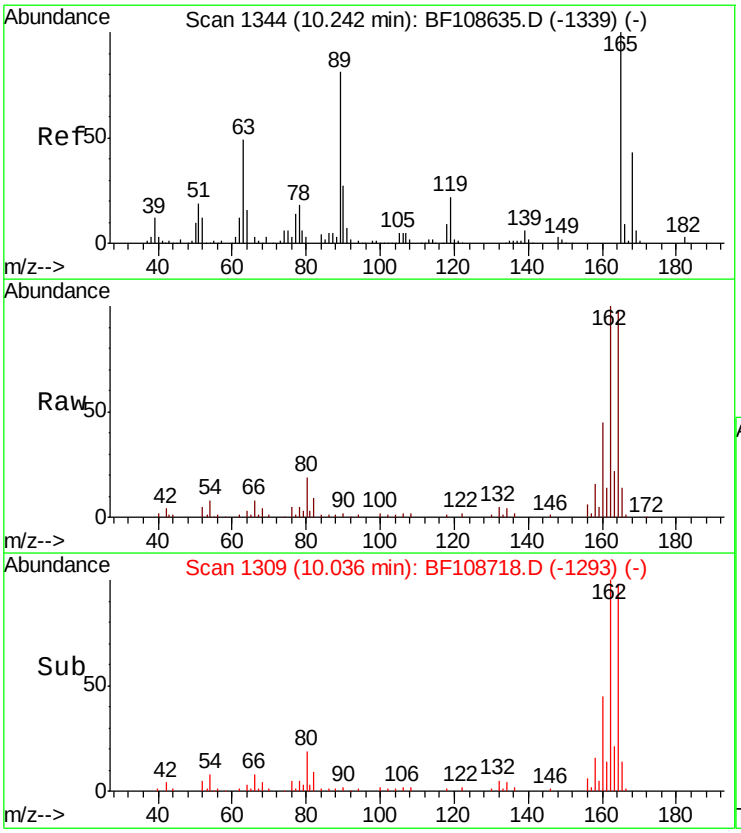
#50
2,6-Dinitrotoluene
Concen: 6.883 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12658

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

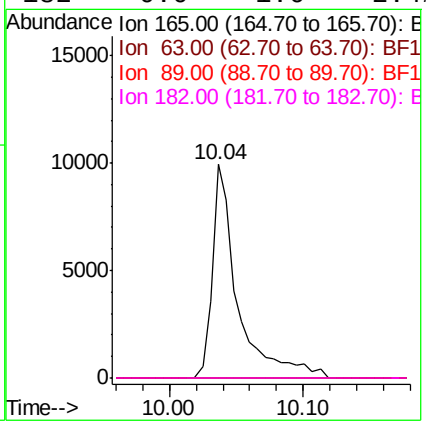


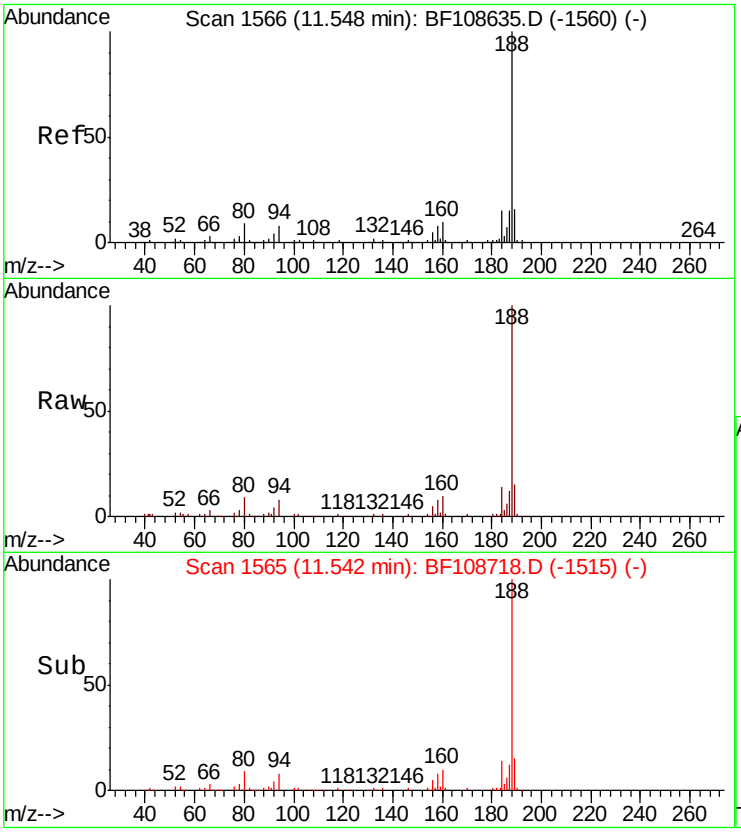


#56
2,4-Dinitrotoluene
Concen: 5.395 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:165 Resp: 13138

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



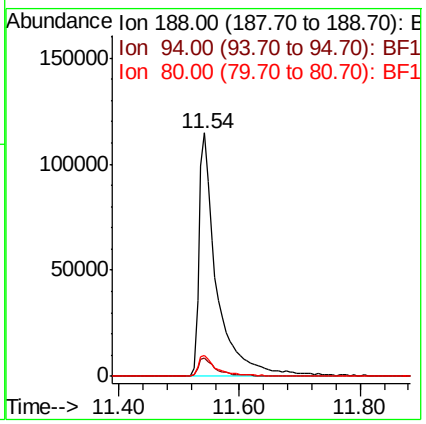


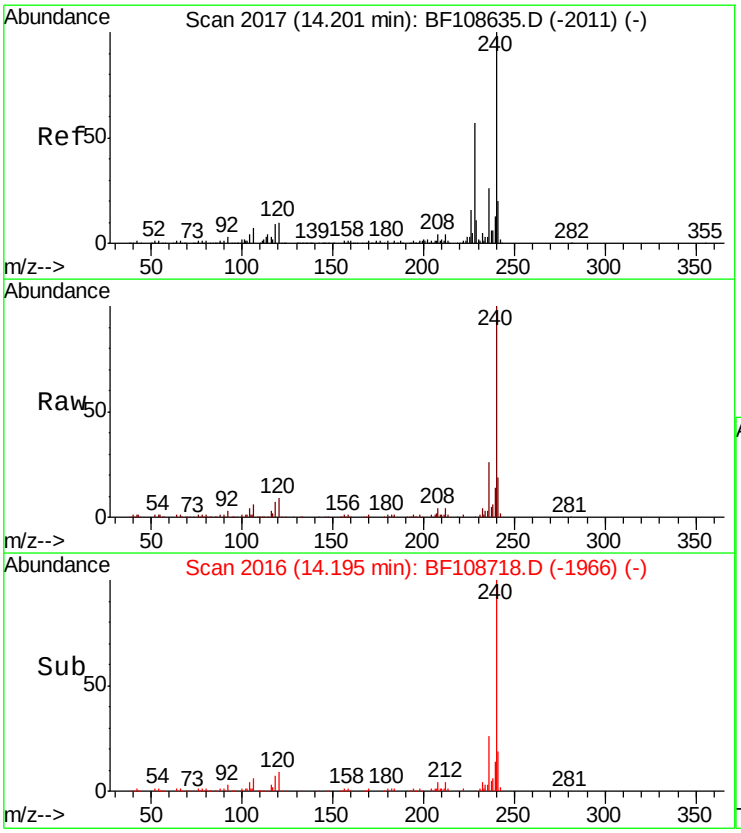
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 235200

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.7	9.2	13.8#

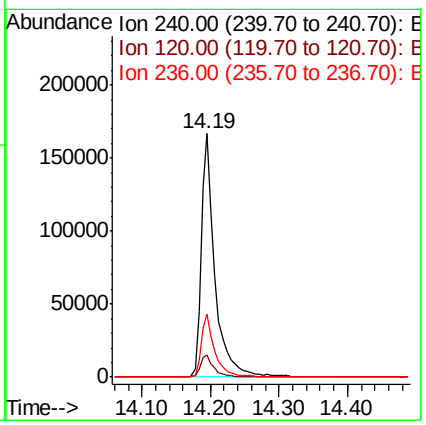


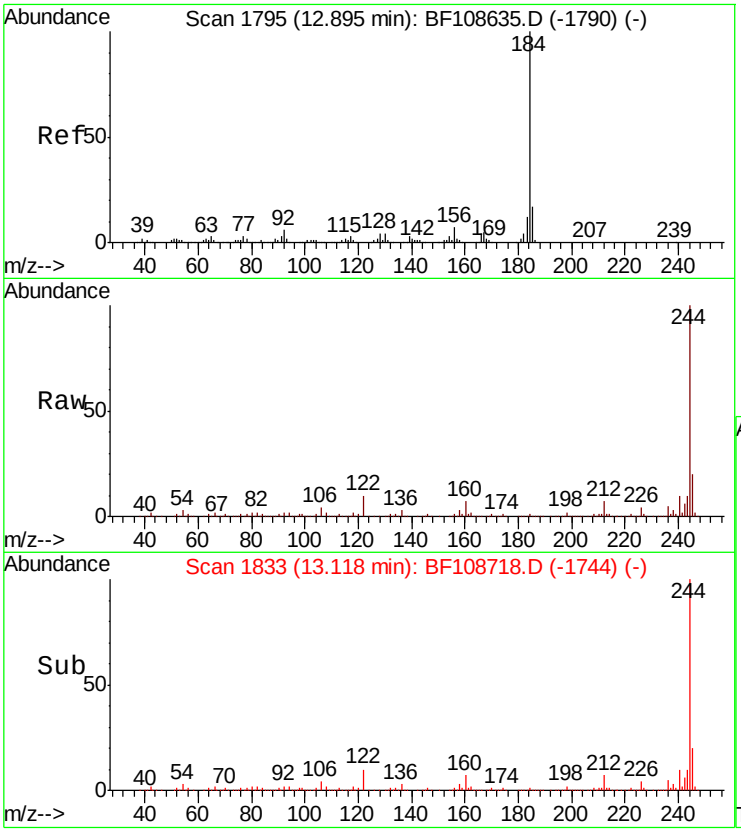


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:240 Resp: 234693

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.7	20.7	31.1



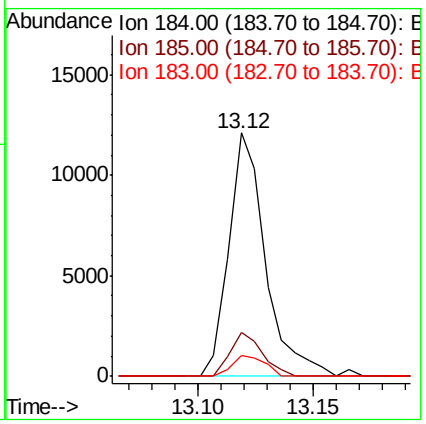


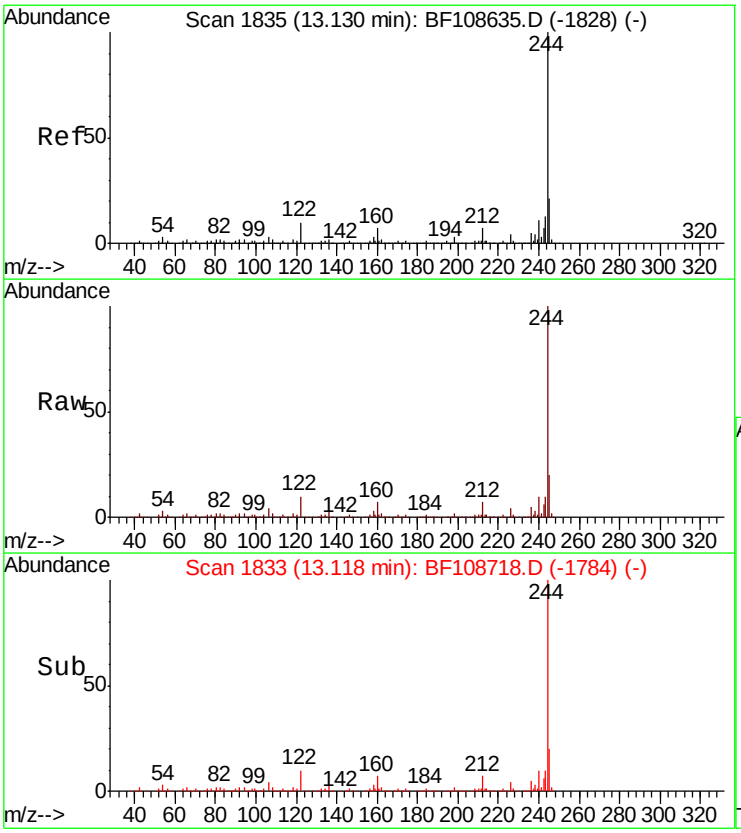
#76
Benzidine
Concen: 2.027 ng
RT: 13.12 min Scan# 1833
Delta R.T. 0.22 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 13388

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.6	18.8
183	8.3	9.3	13.9#

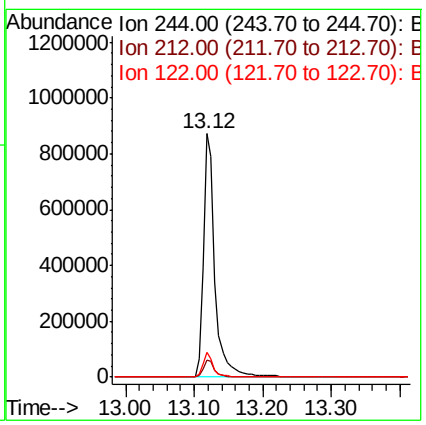


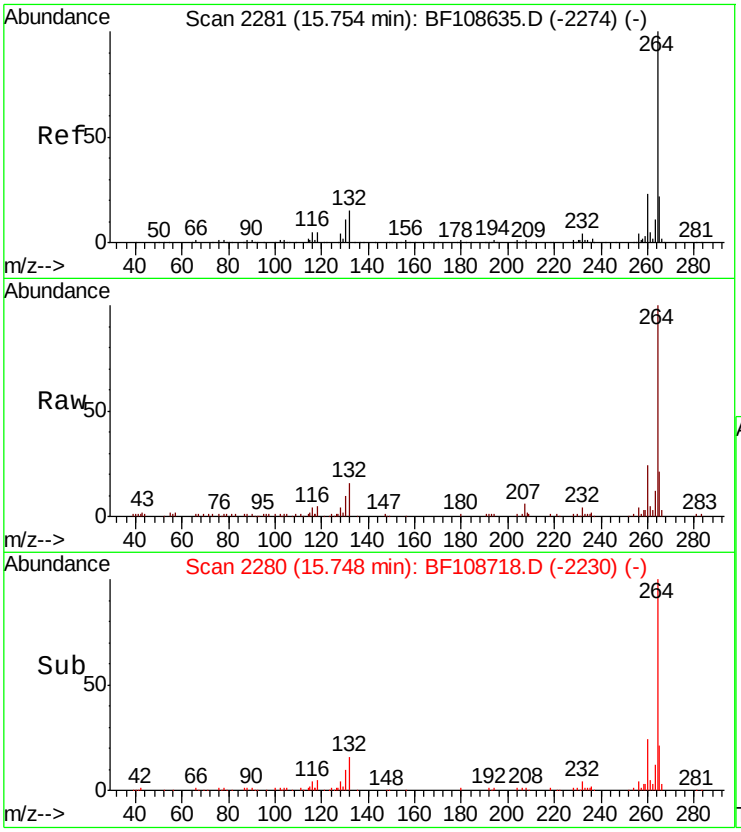


#78
Terphenyl-d14
Concen: 85.571 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108718.D
Acq: 1 Sep 2018 5:08

Tgt Ion:244 Resp: 1033635

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.3	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: BF108718.D
Acq: 1 Sep 2018 5:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 157835

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3