Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108532.D
Acq On : 28 Aug 2018 1:55
Operator : JU/SJ
Sample : J4659-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 03:10:48 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	104816	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	370753	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	154754	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	263474	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	271383	20.00	ng	-0.01
86) Perylene-d12	15.75	264	186929	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	263703	45.55	ng	0.00
7) Phenol-d6	6.61	99	343901	44.70	ng	-0.02
23) Nitrobenzene-d5	7.56	82	322536	48.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	64641	41.88	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	618463	64.16	ng	-0.01
78) Terphenyl-d14	13.12	244	532327	49.87	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	42593	8.187	ng	# 82
25) Isophorone	7.56	82	322533	25.468	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	18980	8.415	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	18980	6.538	ng	# 23

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

Quantitation Report (Not Reviewed)

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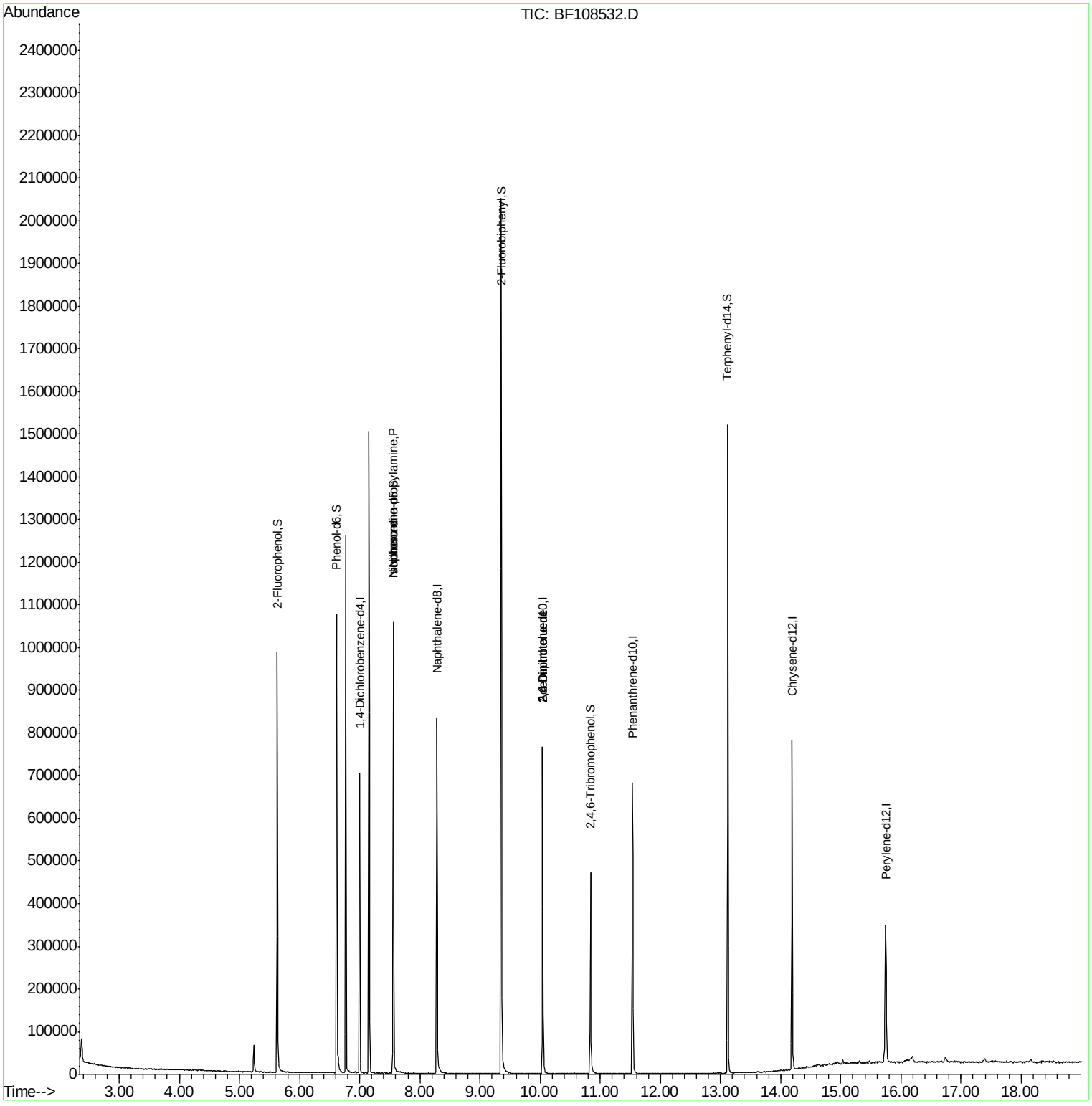
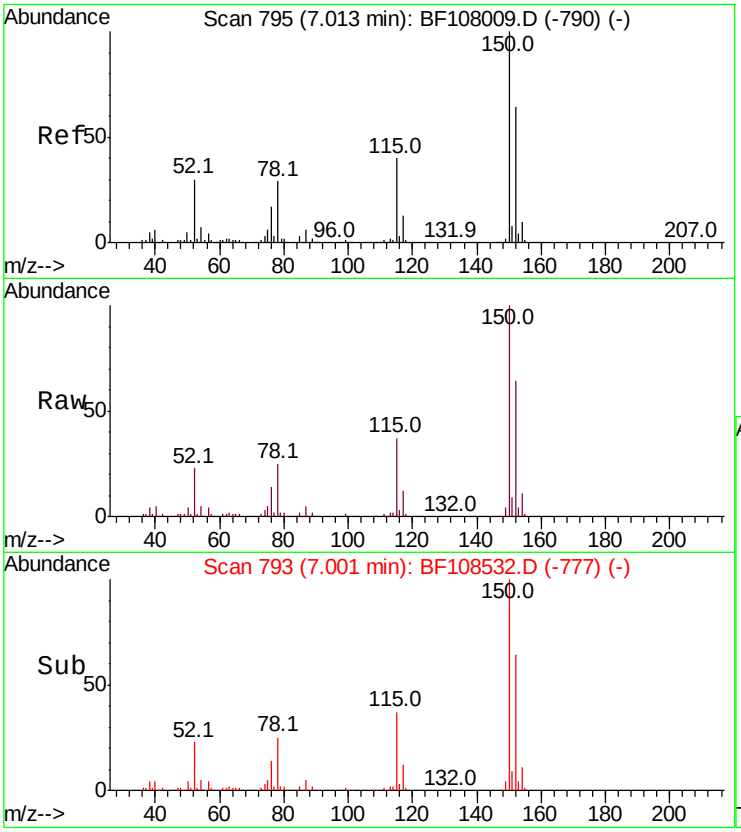


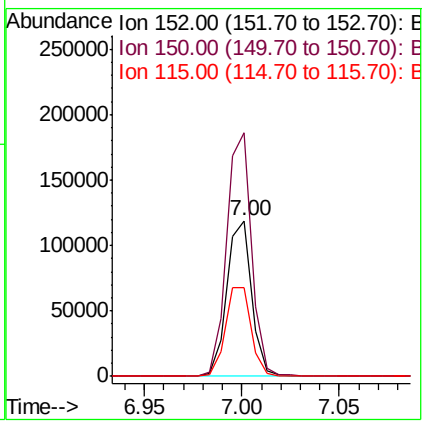


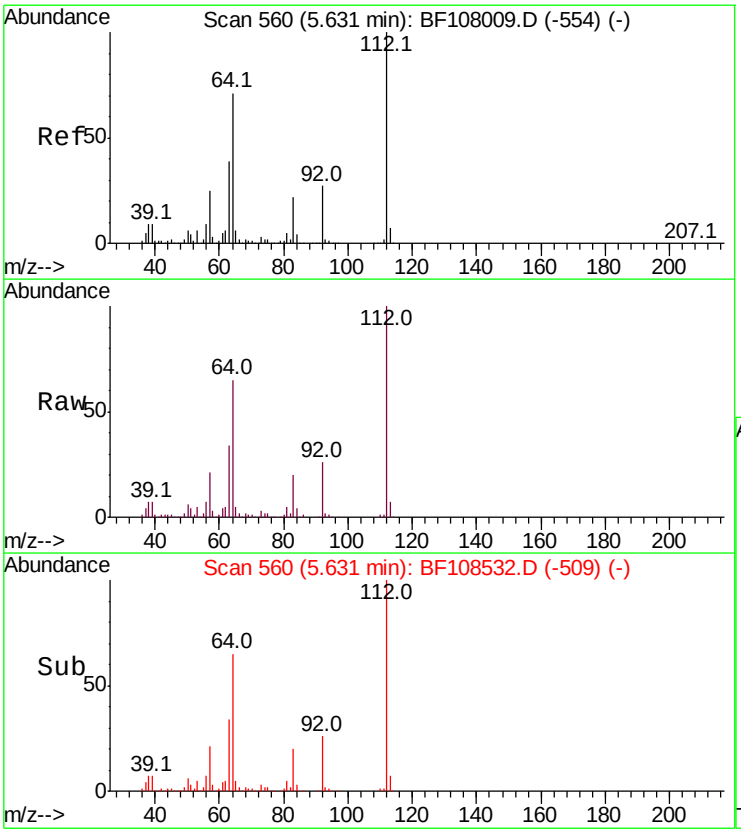
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104816

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	57.3	50.1	75.1

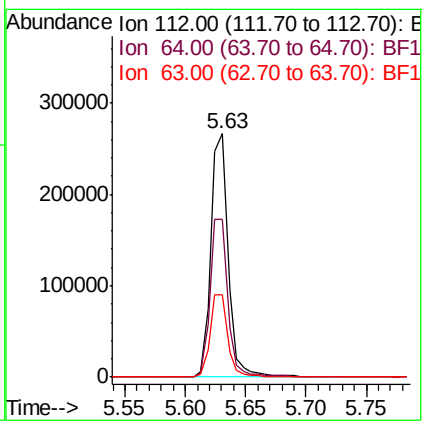


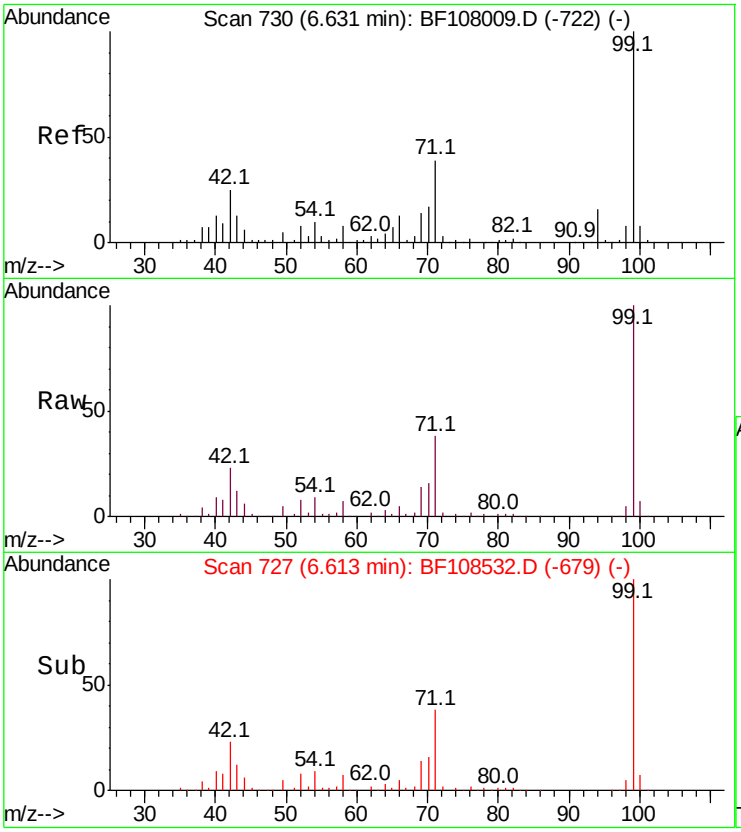


#5
2-Fluorophenol
Concen: 45.549 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:112 Resp: 263703

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.6	23.7	35.5



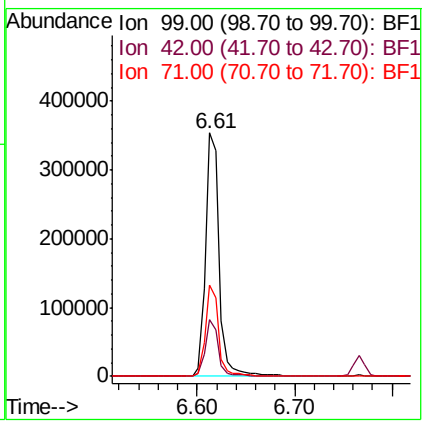


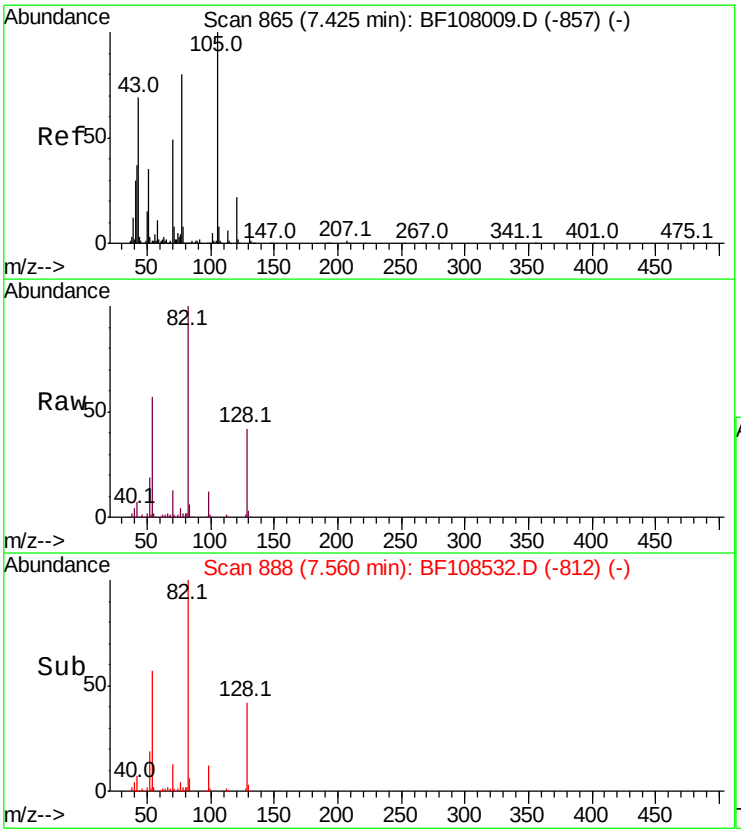
#7
Phenol-d6
Concen: 44.701 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 343901

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	37.6	25.4	38.0

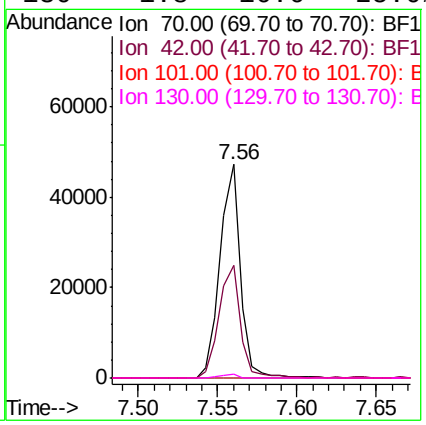


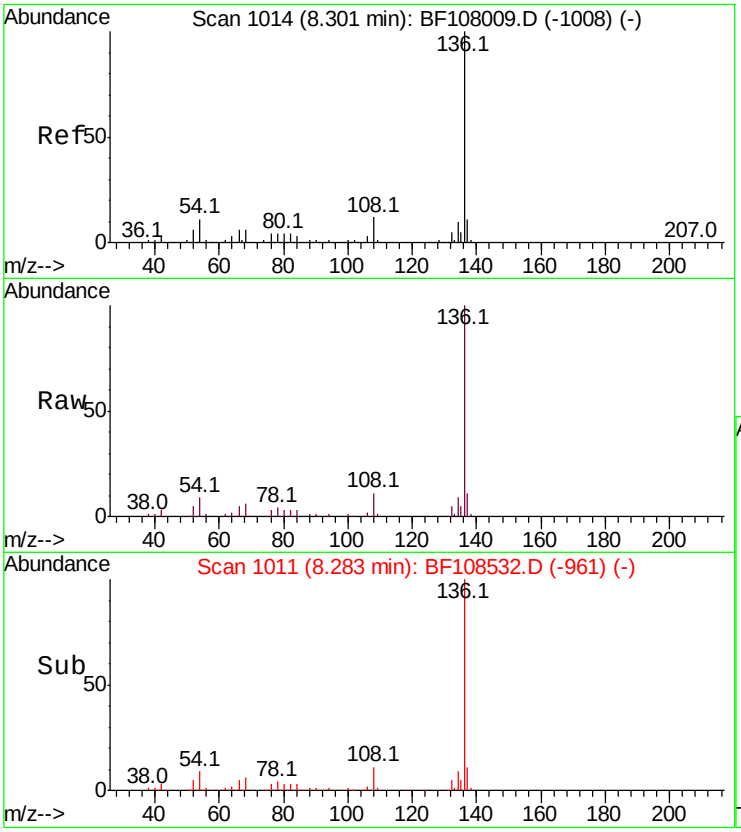


#19
n-Nitroso-di-n-propylamine
Concen: 8.187 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion: 70 Resp: 42593

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



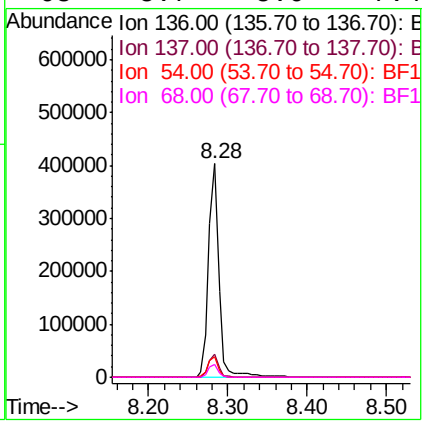


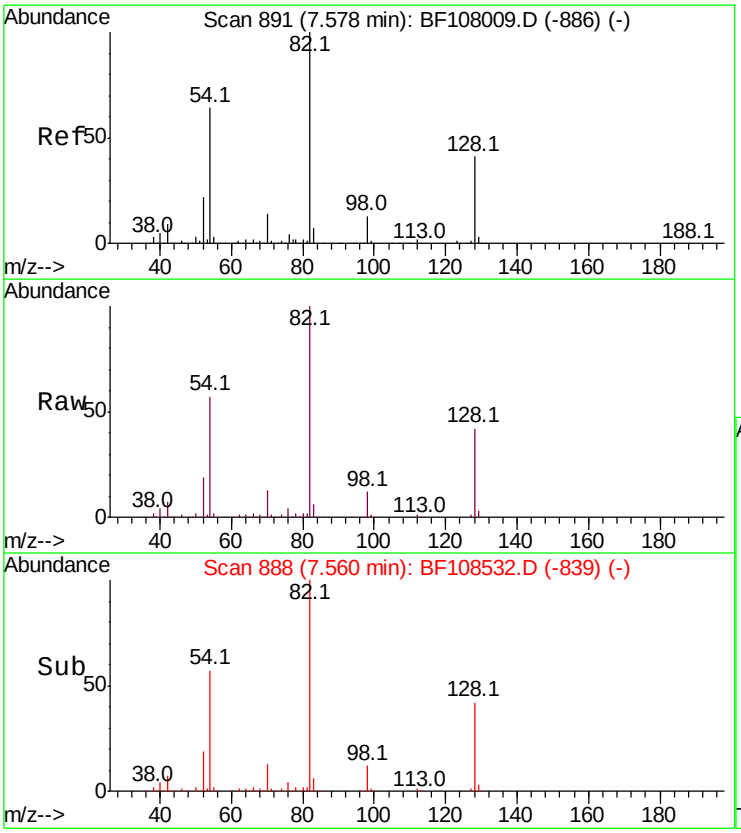
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 370753

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4

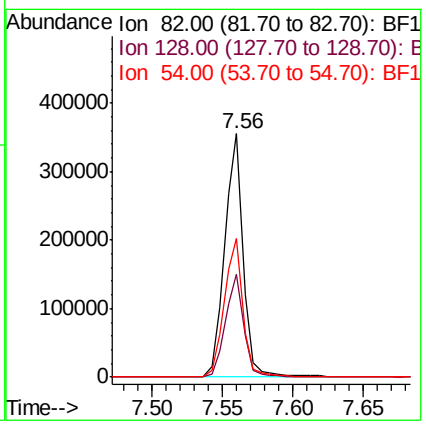


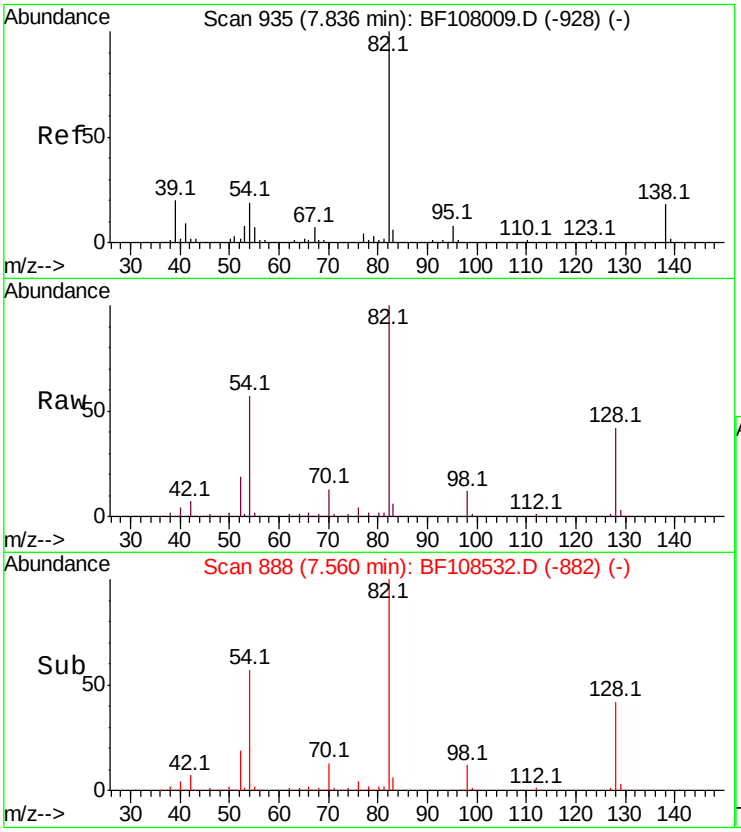


#23
Nitrobenzene-d5
Concen: 48.544 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion: 82 Resp: 322536

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	56.9	41.4	62.2



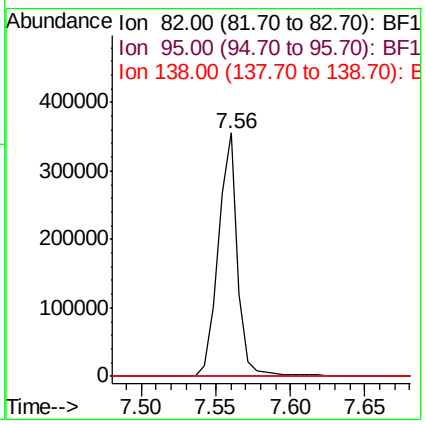


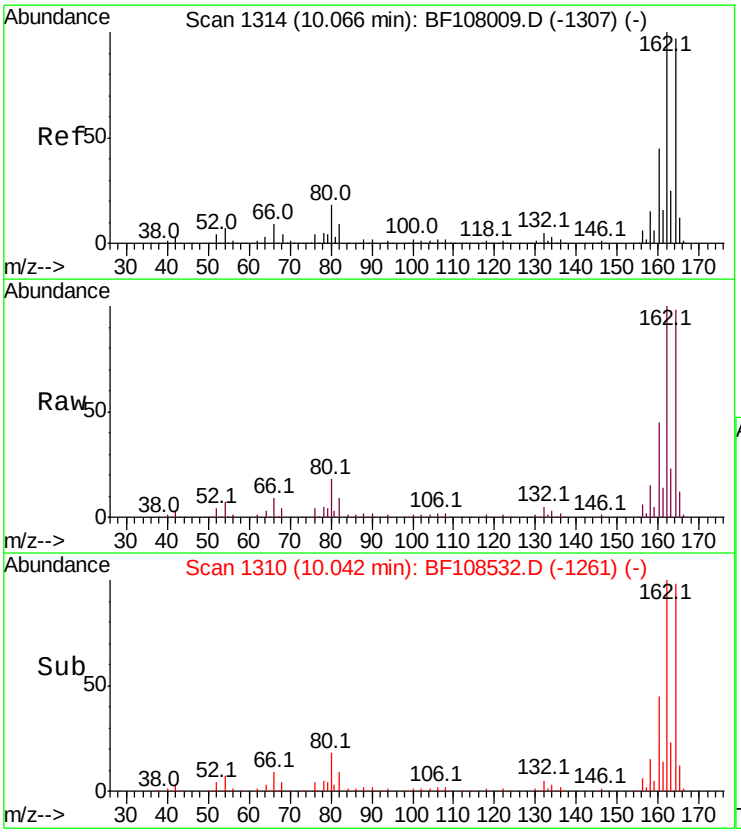
#25
Isophorone
Concen: 25.468 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 322533

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

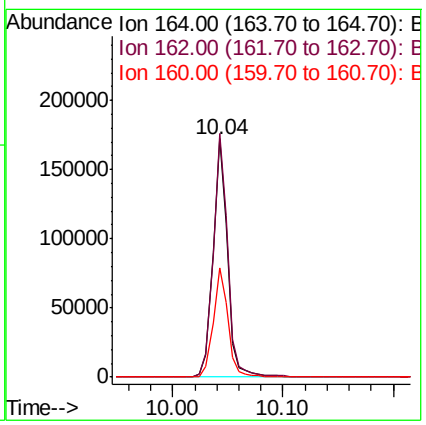


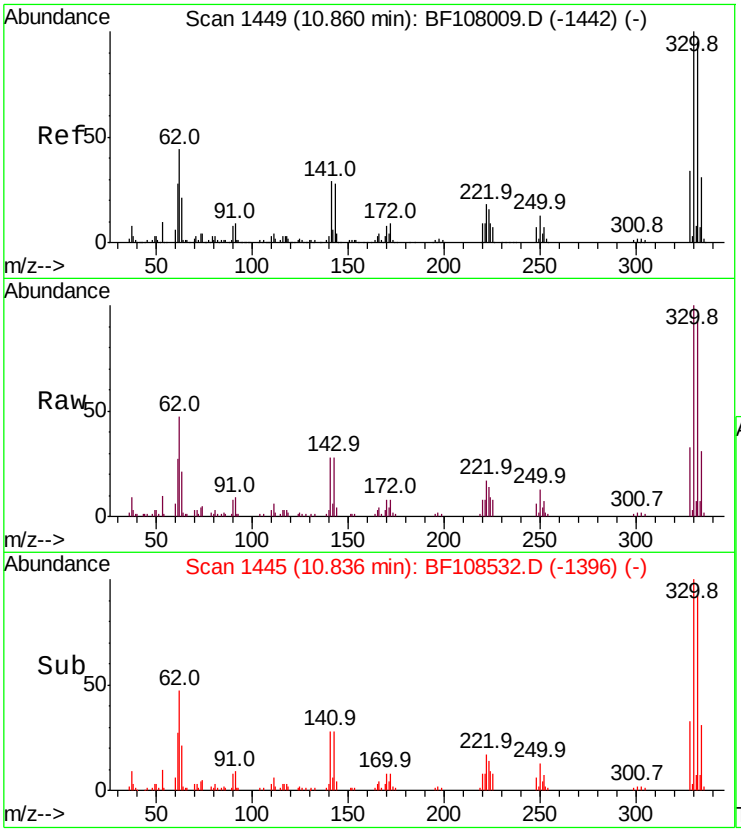


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:164 Resp: 154754

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.9	38.3	57.5



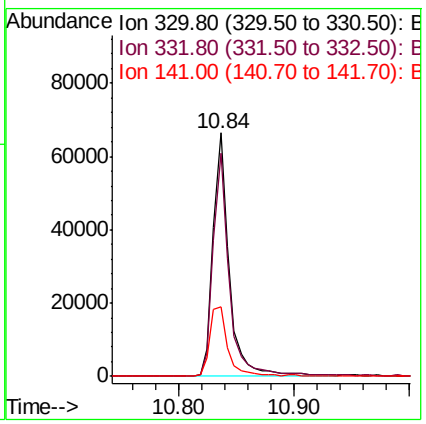


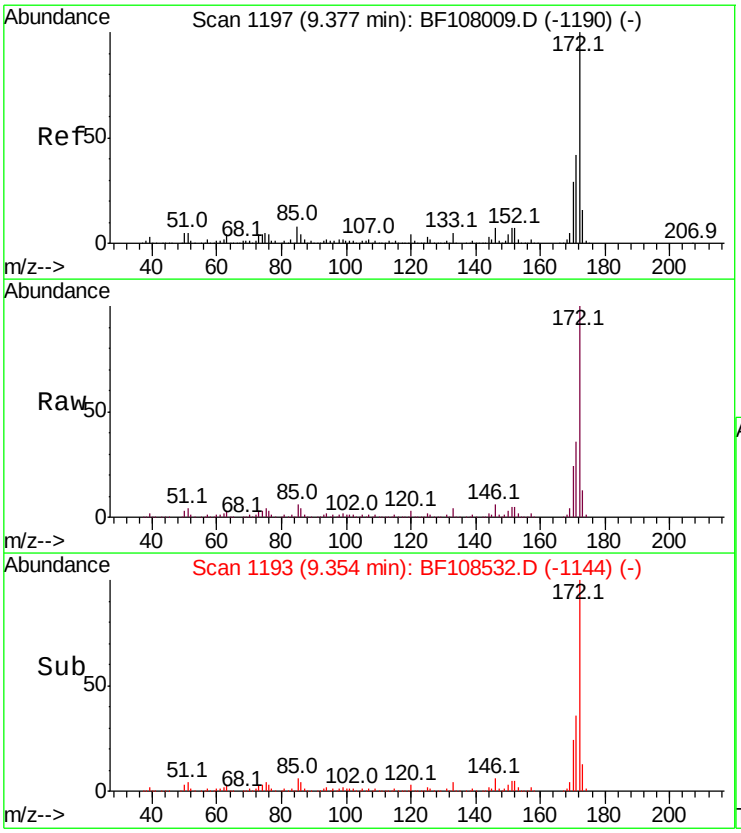
#41
2,4,6-Tribromophenol
Concen: 41.876 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 64641

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.0	115.6
141	31.8	29.9	44.9

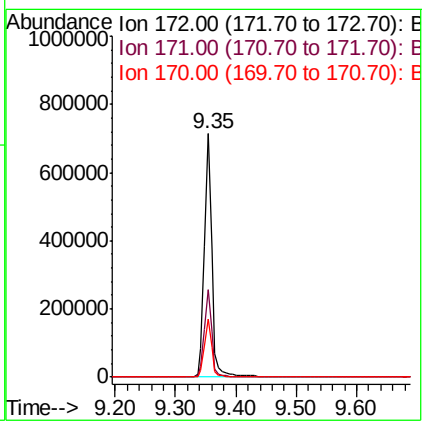


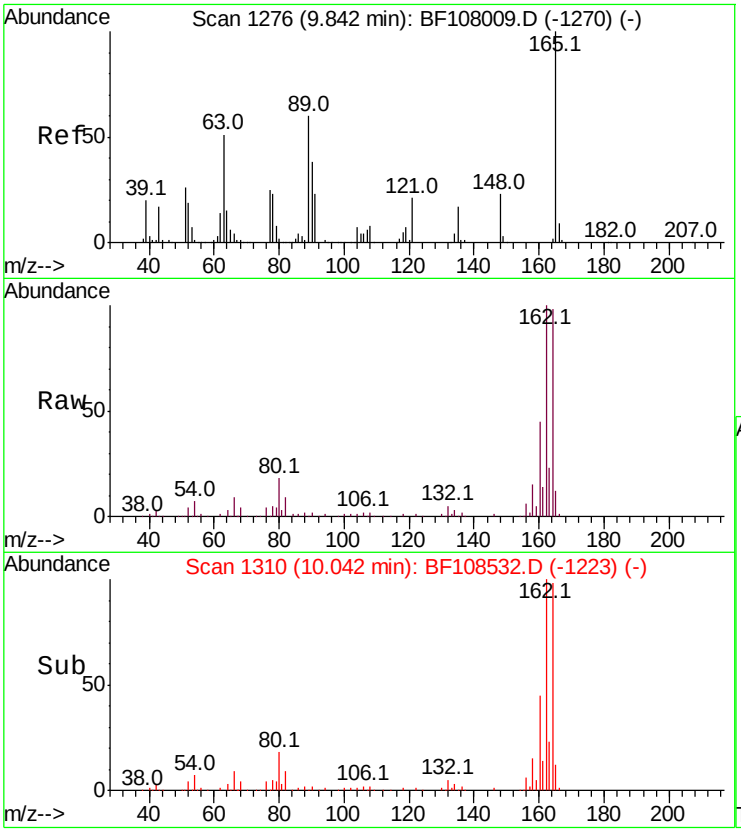


#44
2-Fluorobiphenyl
Concen: 64.161 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:172 Resp: 618463

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4



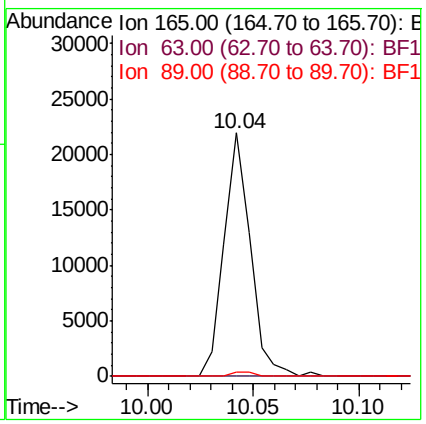


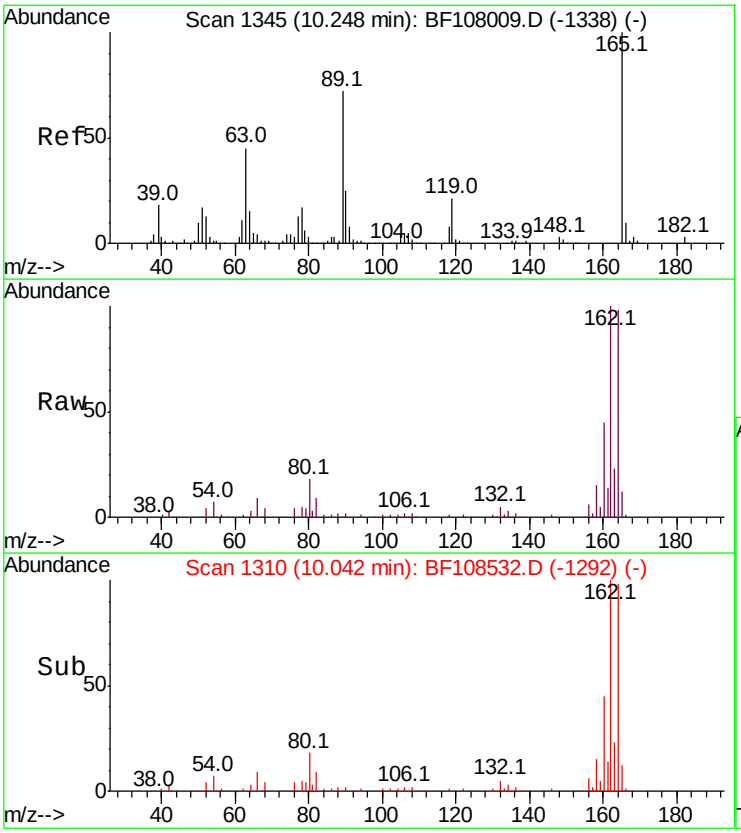
#50
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18980

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#

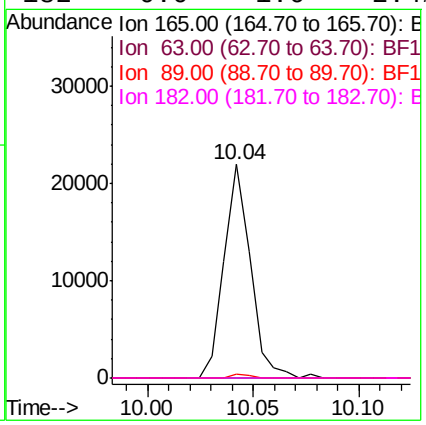


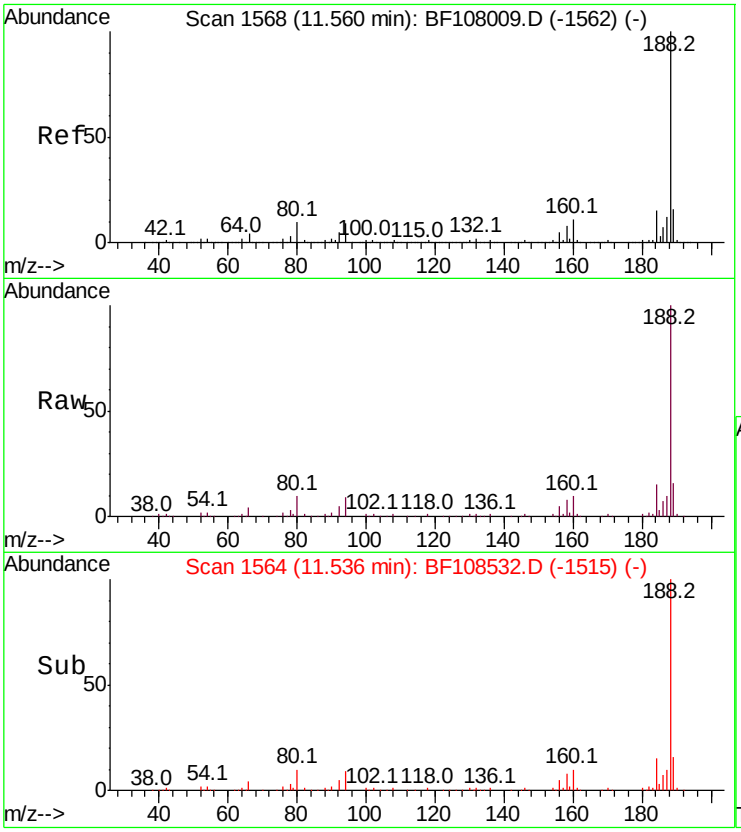


#56
2,4-Dinitrotoluene
Concen: 6.538 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:165 Resp: 18980

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



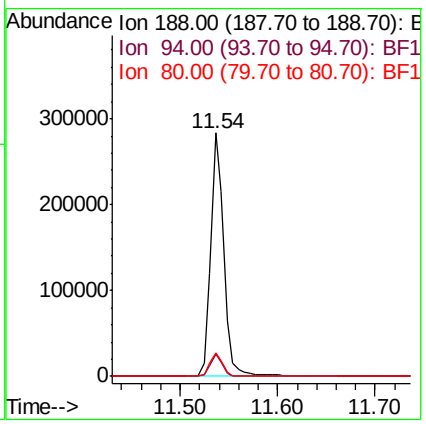


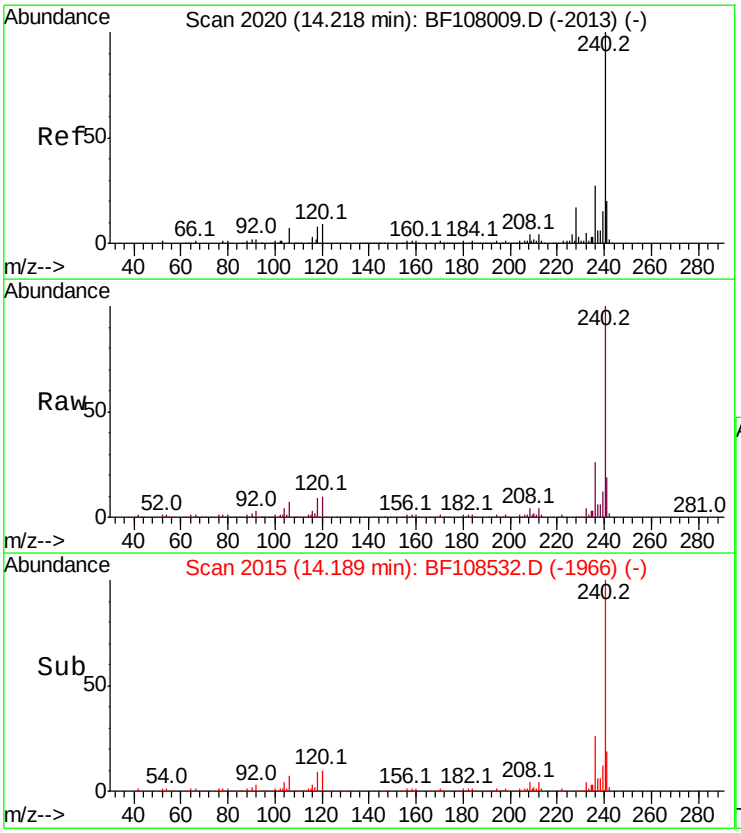
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263474

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.6	9.2	13.8

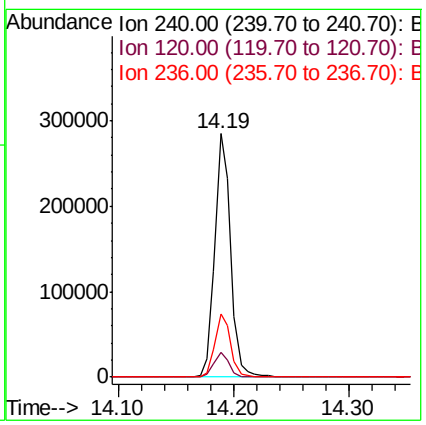


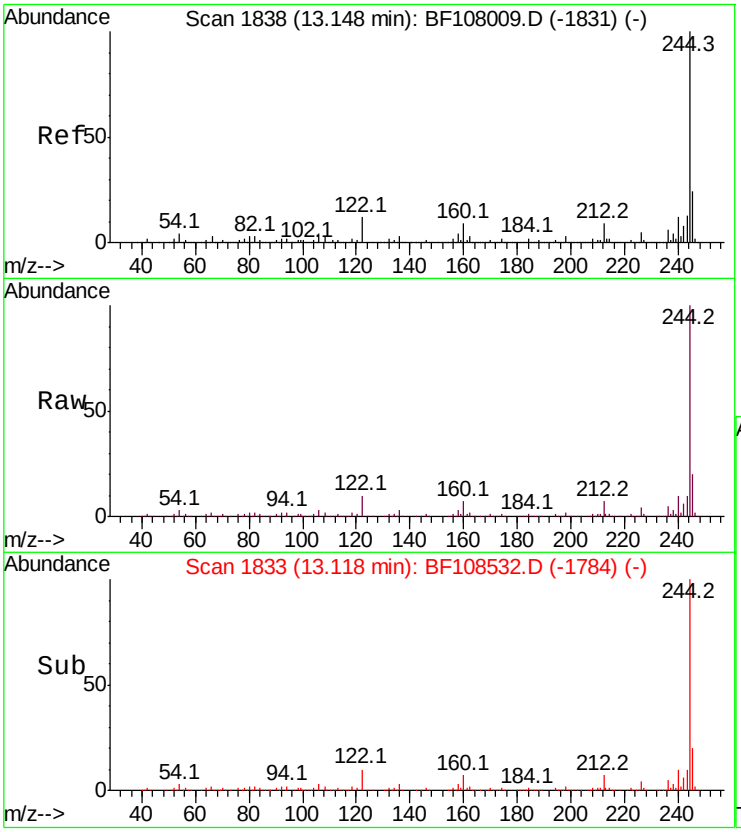


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:240 Resp: 271383

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.1	20.7	31.1



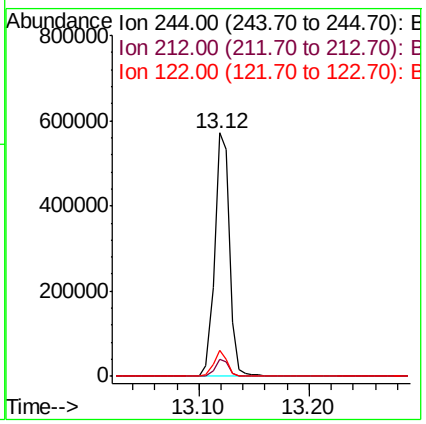


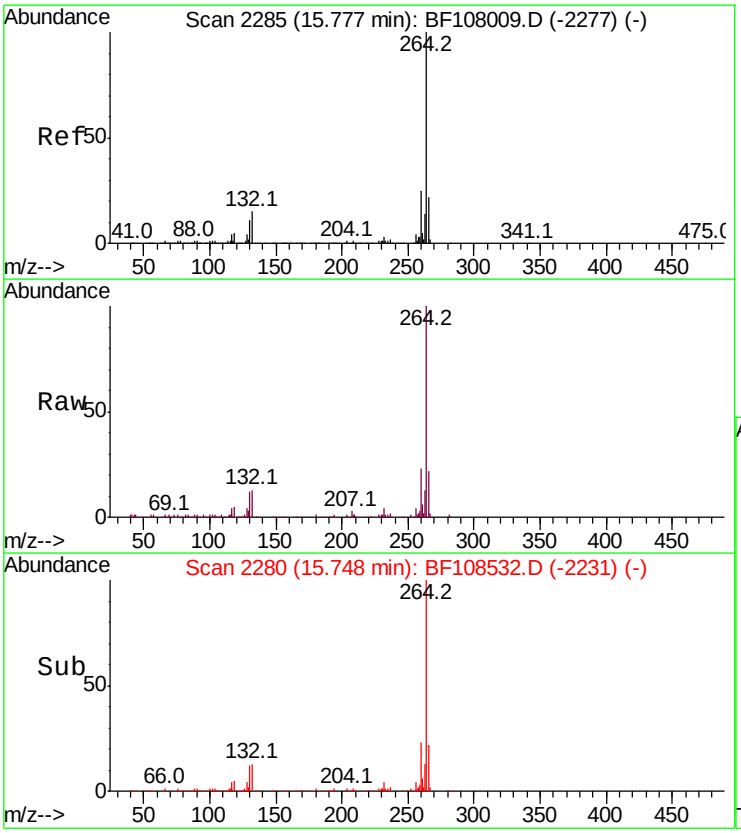
#78
Terphenyl-d14
Concen: 49.873 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 532327

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.5	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: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:264 Resp: 186929

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	17.5	26.3