Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
Data File : BF108112.D
Acq On : 13 Aug 2018 13:24
Operator : JU/SJ
Sample : PB111971BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 13 15:00:29 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	7.02	152	265176	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	998102	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	516850	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1059629	20.00	ng	0.00
75) Chrysene-d12	14.22	240	911926	20.00	ng	0.00
86) Perylene-d12	15.80	264	749615	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1782657	121.71	ng	0.02
7) Phenol-d6	6.64	99	2310422	118.70	ng	0.01
23) Nitrobenzene-d5	7.58	82	1569728	87.76	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	729439	141.49	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2866051	89.03	ng	0.00
78) Terphenyl-d14	13.16	244	3321501	92.61	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	216957	16.484	ng	# 85
25) Isophorone	7.58	82	1569715	46.043	ng	# 64
32) Benzoic acid	8.31	122	313	6.006	ng	# 1
50) 2,6-Dinitrotoluene	10.07	165	66718	8.857	ng	# 25
56) 2,4-Dinitrotoluene	10.07	165	66718	6.881	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	1522	5.698	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	48027	4.171	ng	# 1

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

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Quant Time: Aug 13 15:00:29 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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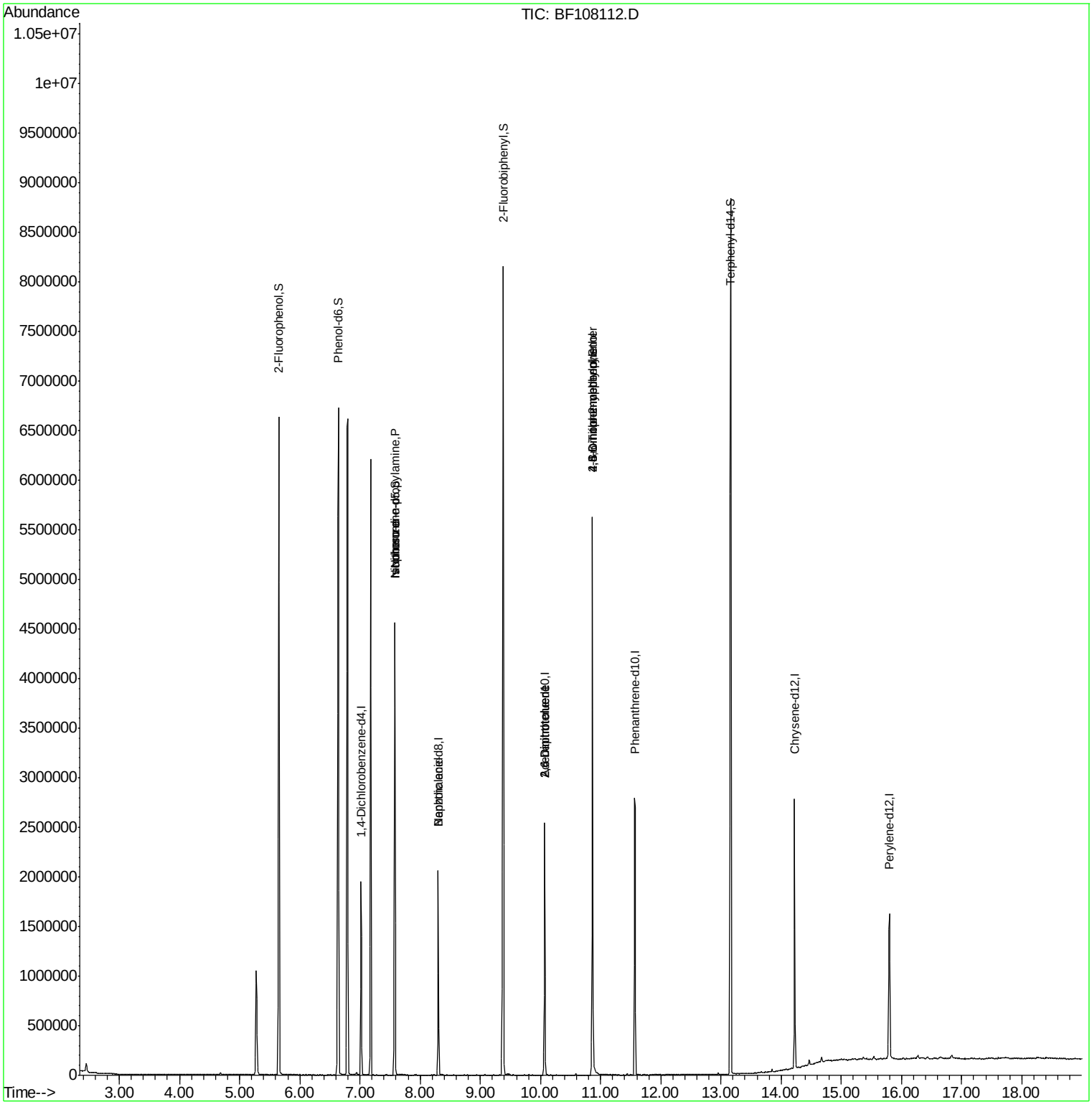
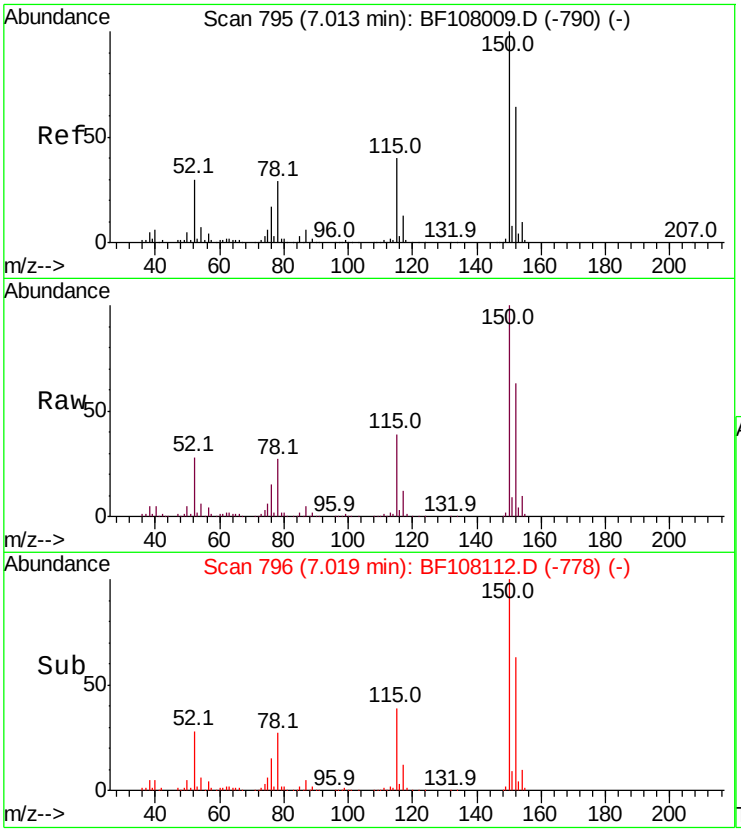


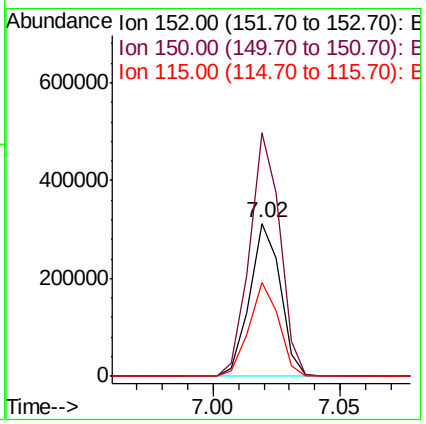


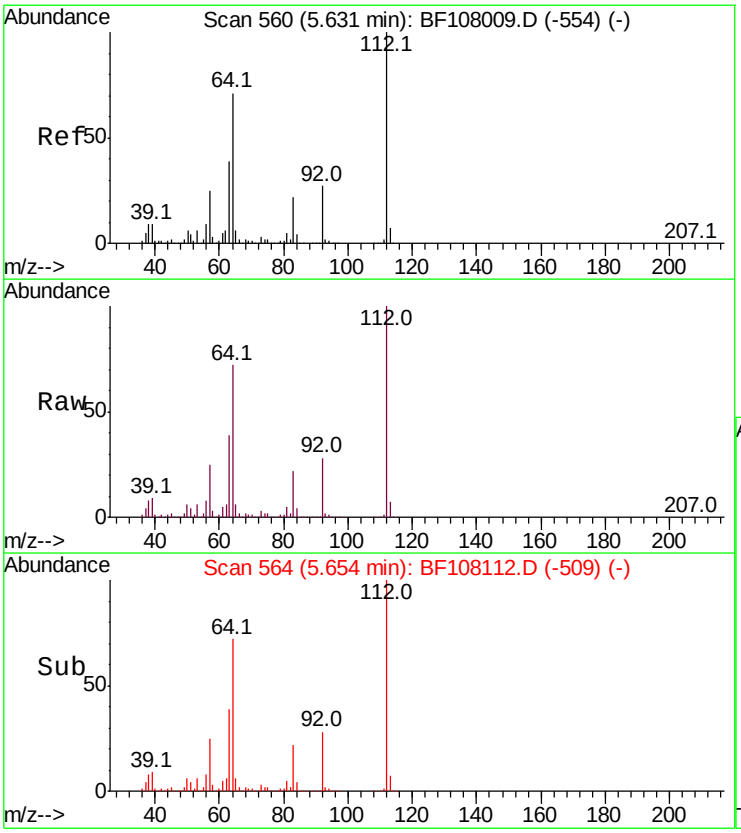
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 265176

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	61.3	50.1	75.1

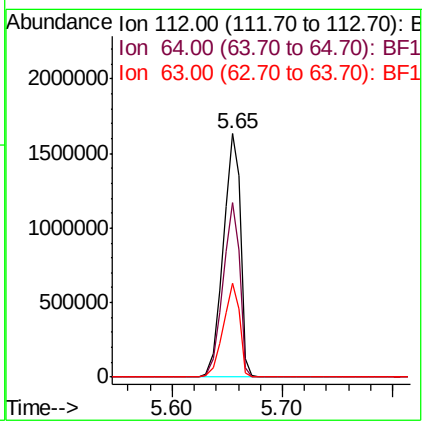


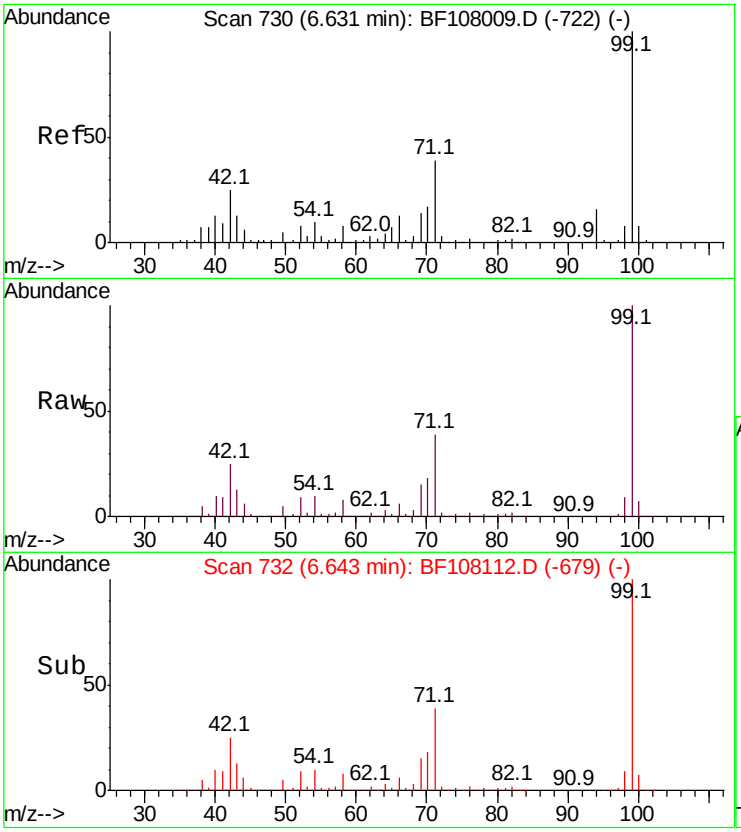


#5
2-Fluorophenol
Concen: 121.709 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:112 Resp: 1782657

Ion	Ratio	Lower	Upper
112	100		
64	71.8	47.9	71.9
63	38.7	23.7	35.5#



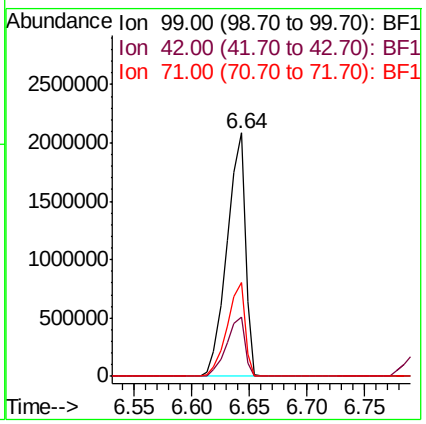


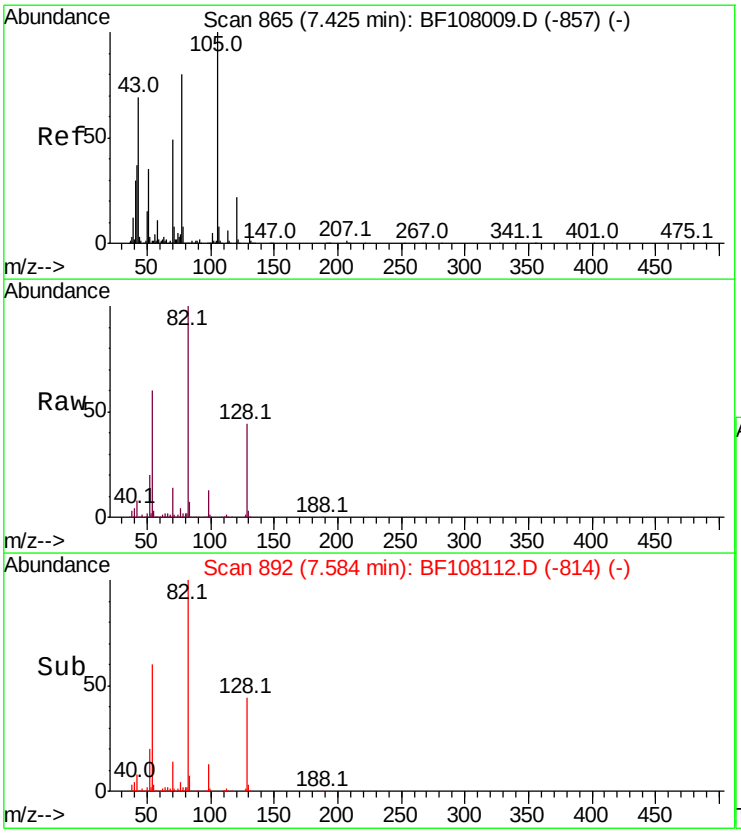
#7
Phenol-d6
Concen: 118.704 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2310422

Ion	Ratio	Lower	Upper
99	100		
42	24.6	14.5	21.7#
71	38.7	25.4	38.0#

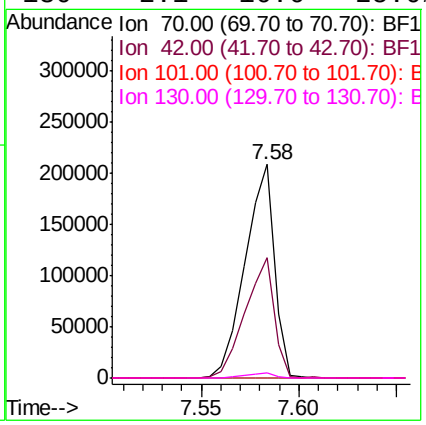


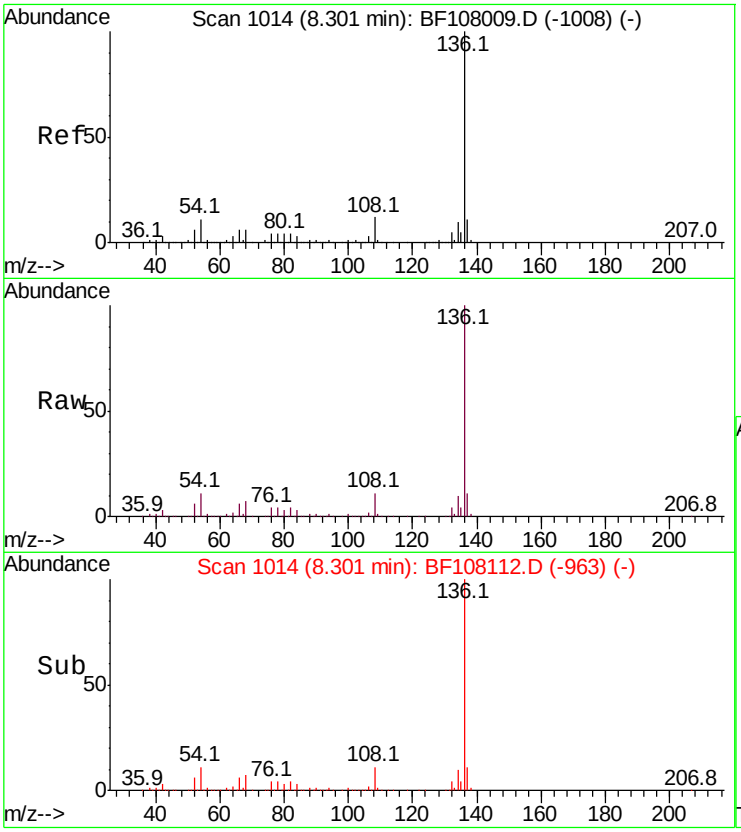


#19
n-Nitroso-di-n-propylamine
Concen: 16.484 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.16 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion: 70 Resp: 216957

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



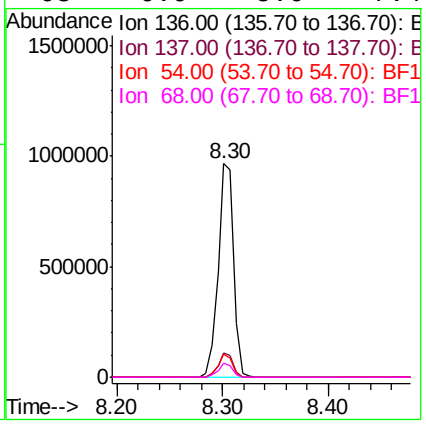


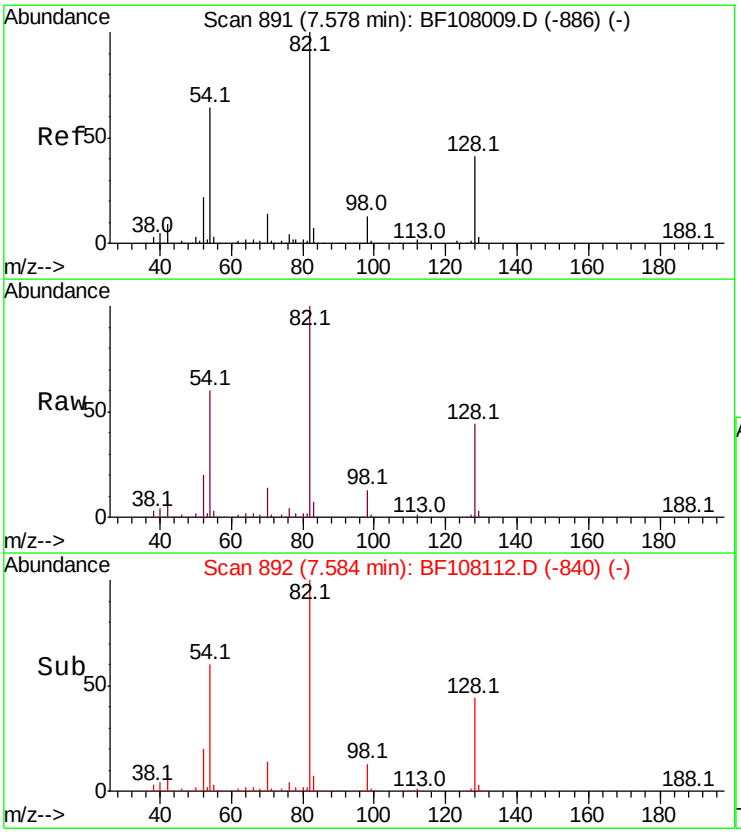
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 998102

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.7	6.6	9.8#
68	6.9	5.0	7.4

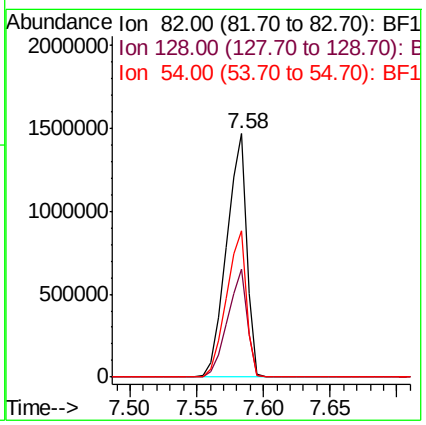


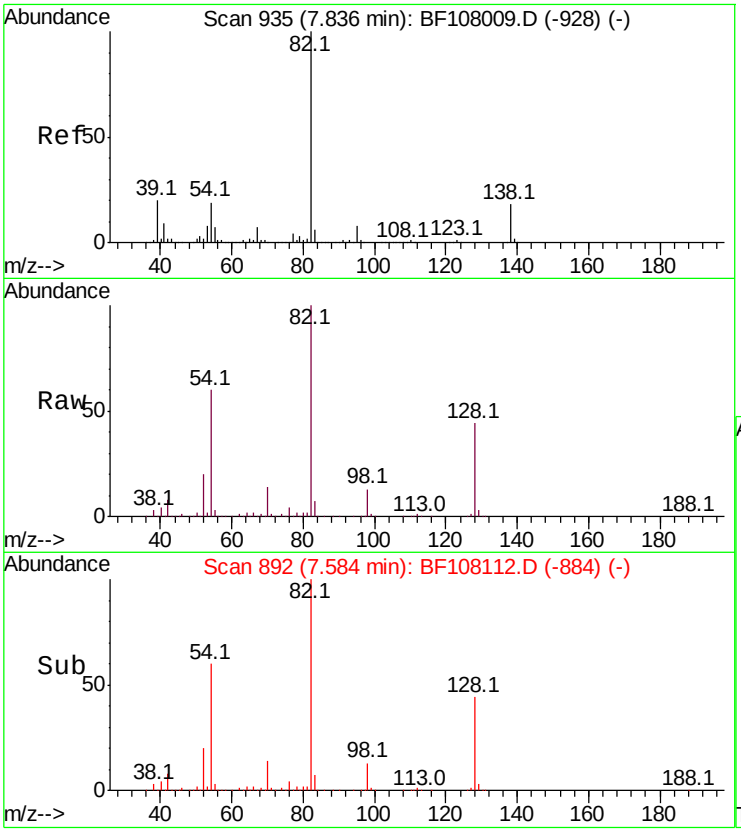


#23
Nitrobenzene-d5
Concen: 87.760 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion: 82 Resp: 1569728

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	60.0	41.4	62.2



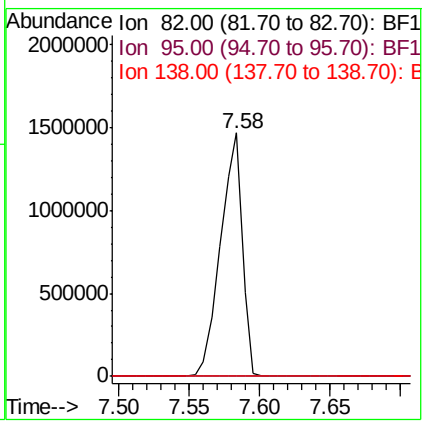


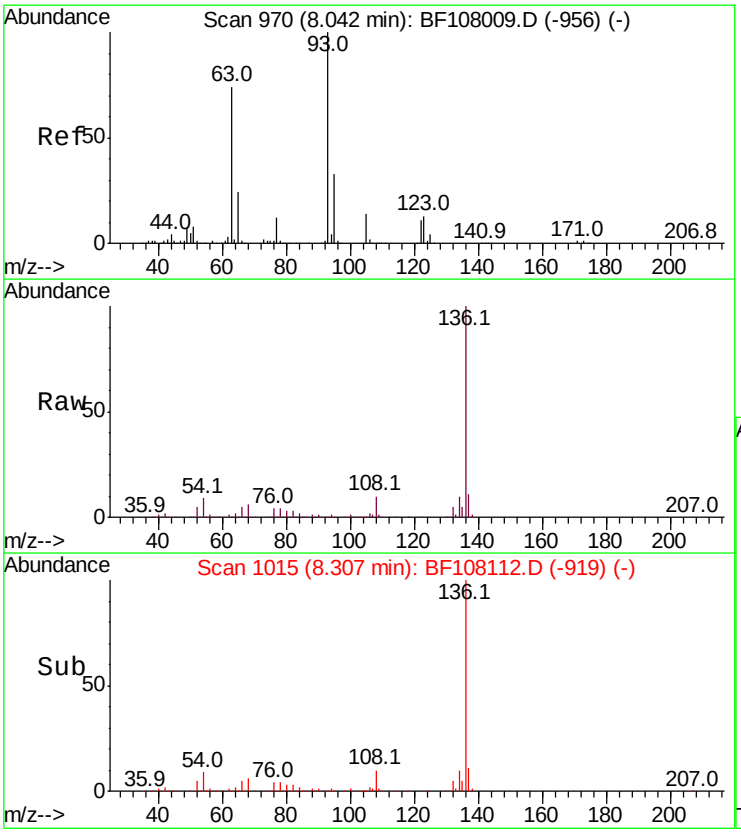
#25
Isophorone
Concen: 46.043 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.25 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1569715

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

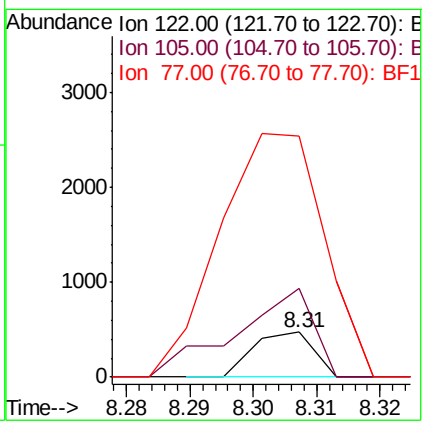


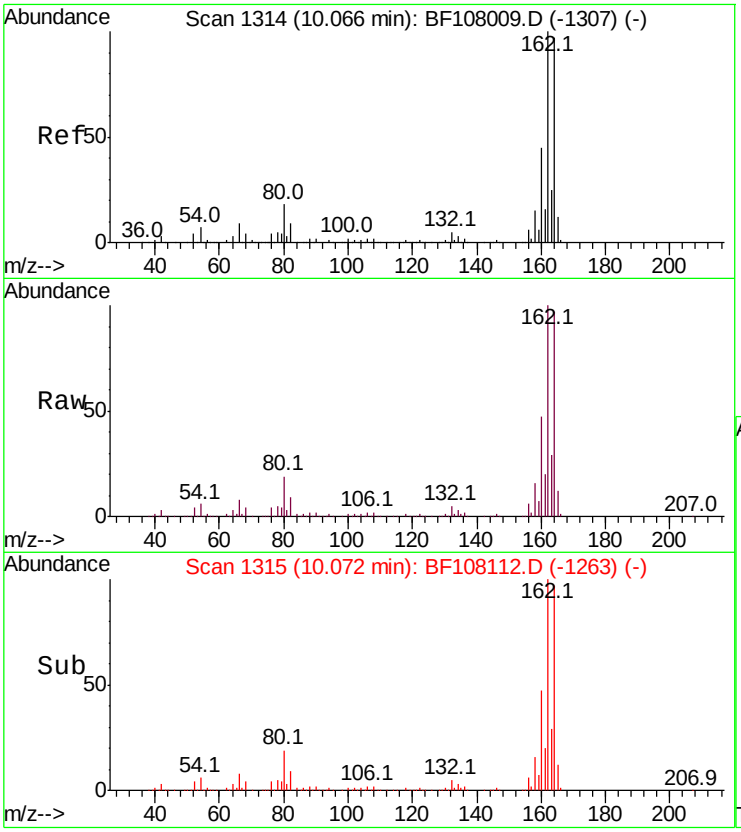


#32
Benzoic acid
Concen: 6.006 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.27 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:122 Resp: 313

Ion	Ratio	Lower	Upper
122	100		
105	197.9	101.1	141.1#
77	535.4	70.7	110.7#



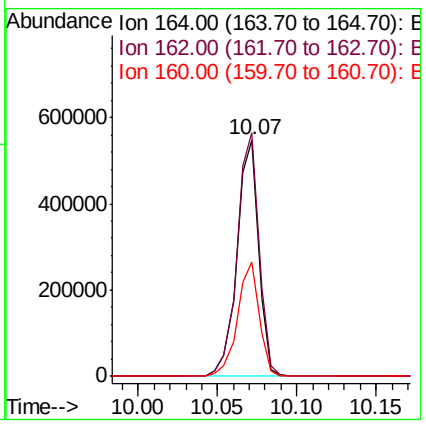


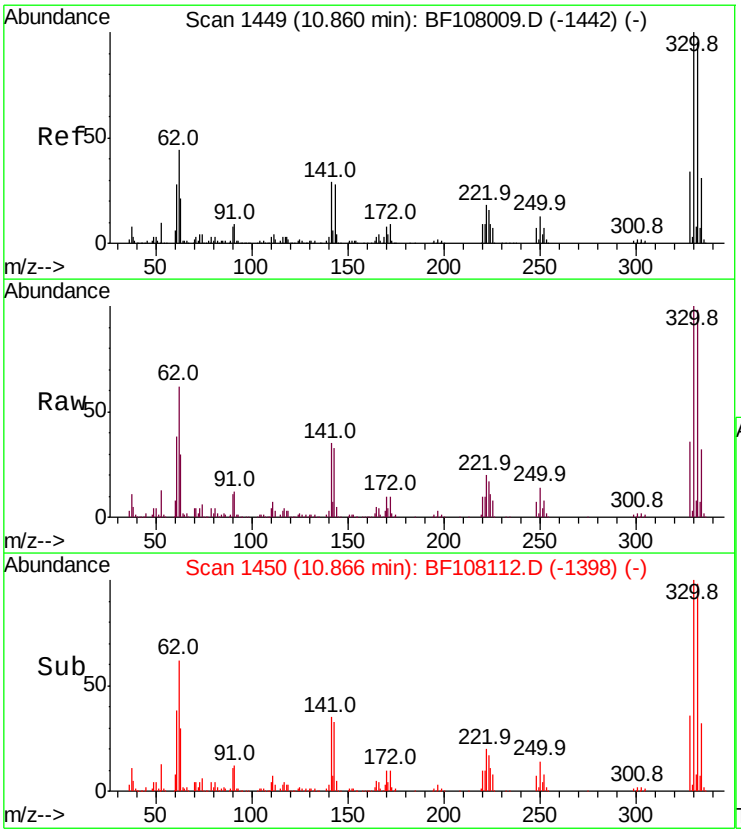
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 516850

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	48.5	38.3	57.5

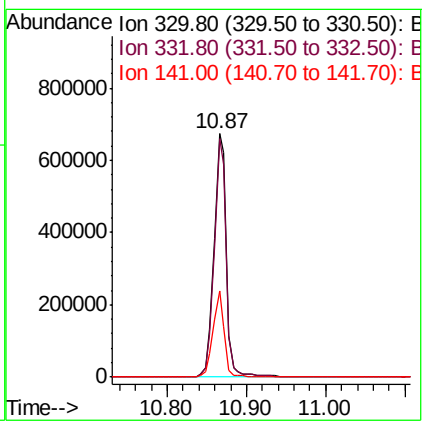


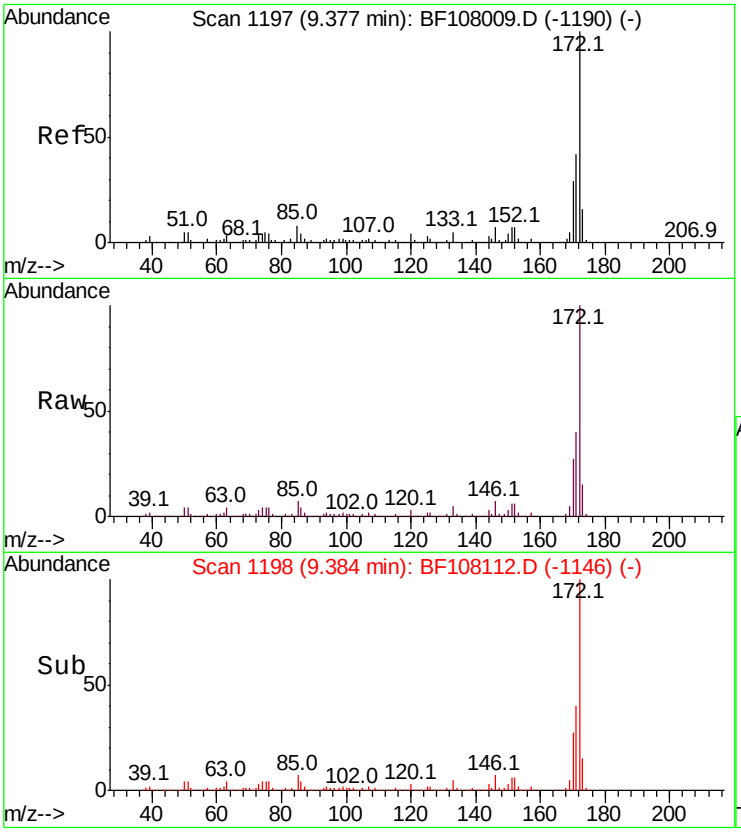


#41
2,4,6-Tribromophenol
Concen: 141.489 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:330 Resp: 729439

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.5	29.9	44.9



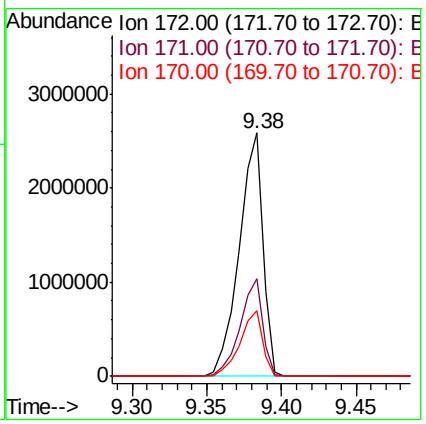


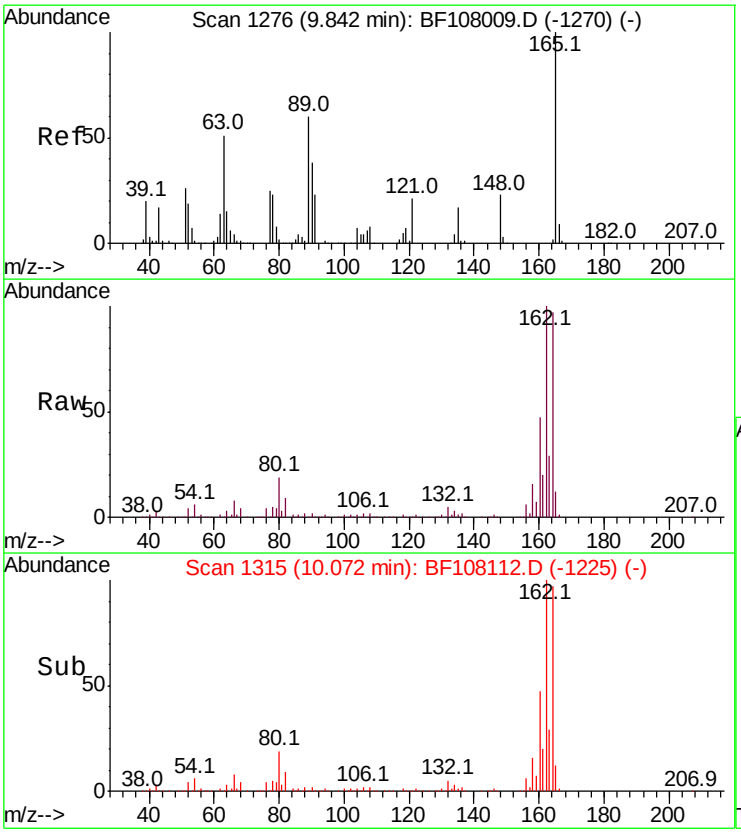
#44
2-Fluorobiphenyl
Concen: 89.027 ng
RT: 9.38 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2866051

Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	27.1	19.6	29.4

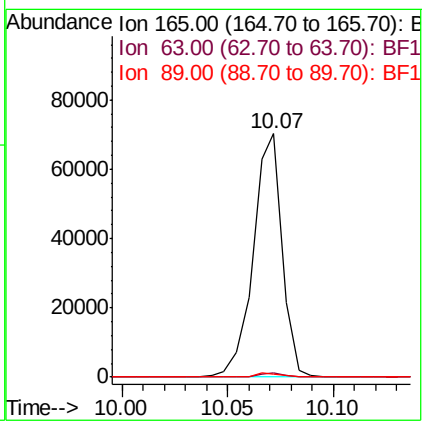


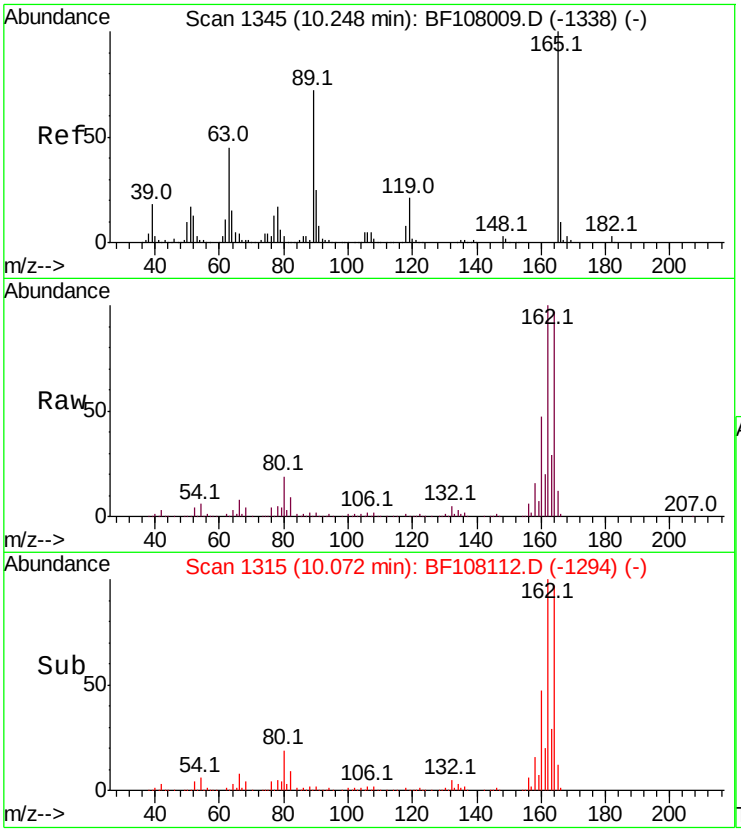


#50
2,6-Dinitrotoluene
Concen: 8.857 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.23 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:165 Resp: 66718

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.1	44.0	66.0#



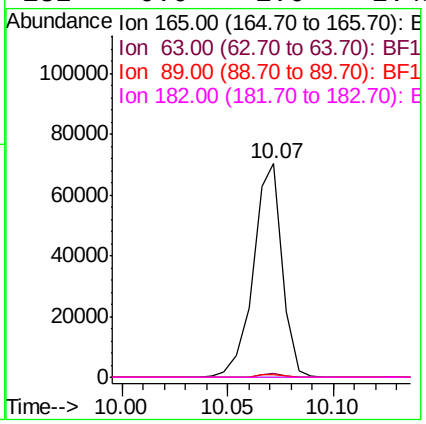


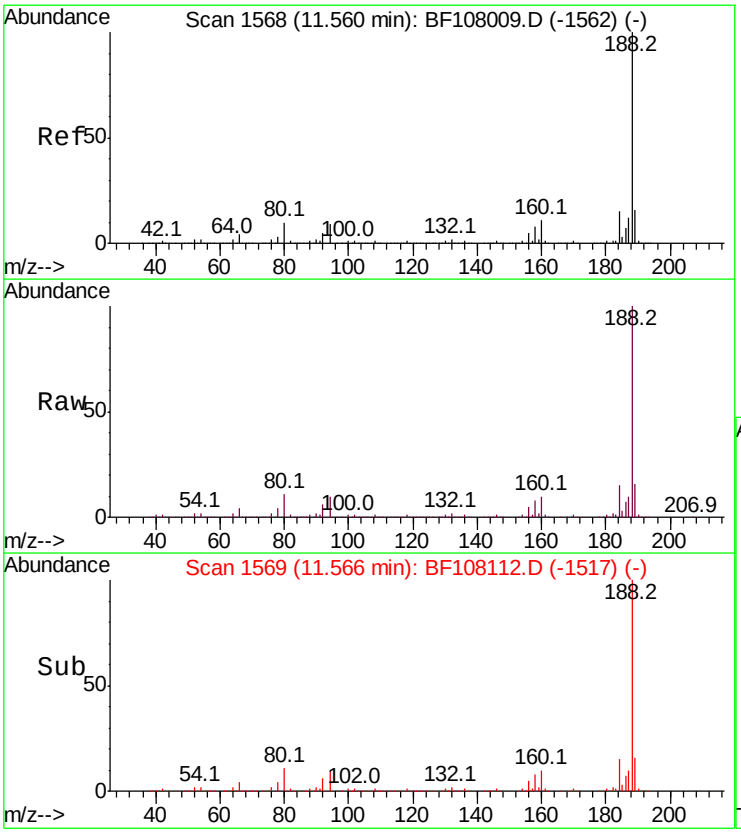
#56
2,4-Dinitrotoluene
Concen: 6.881 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 66718

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

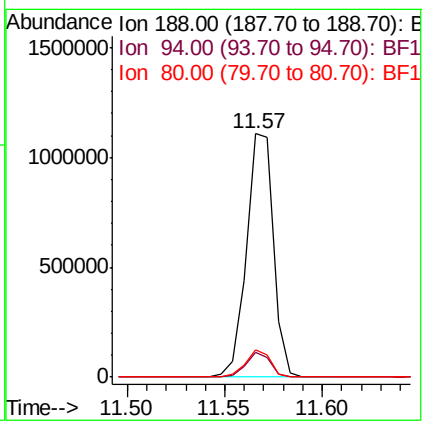


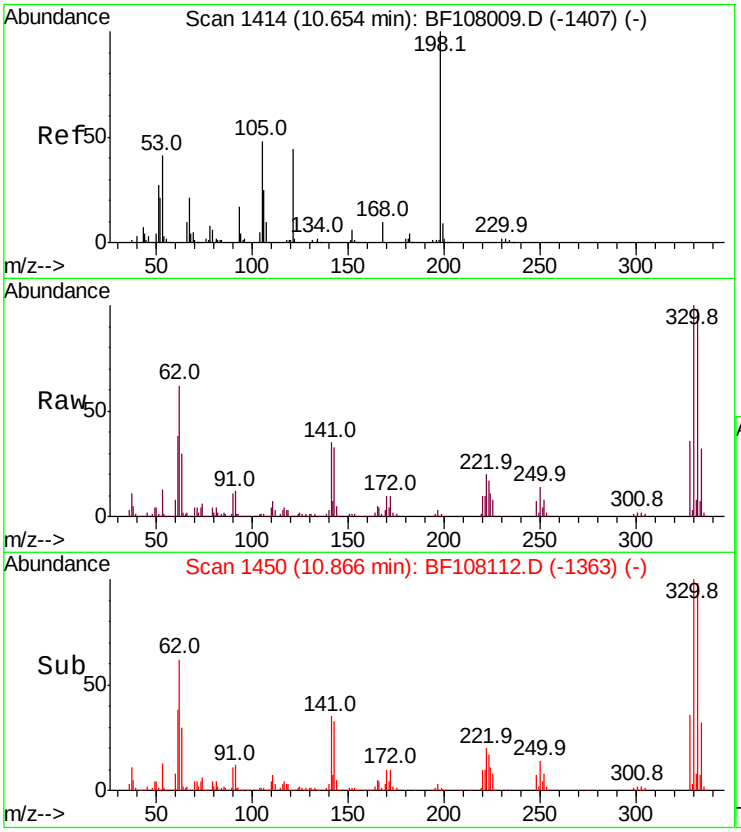


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:188 Resp: 1059629

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8



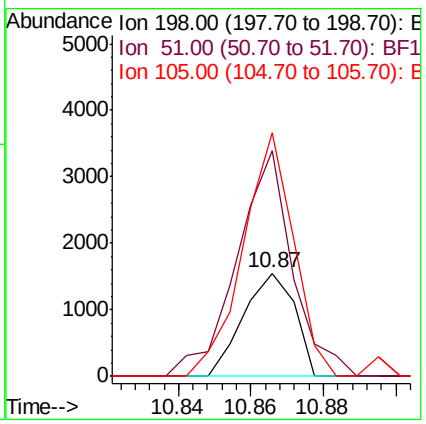


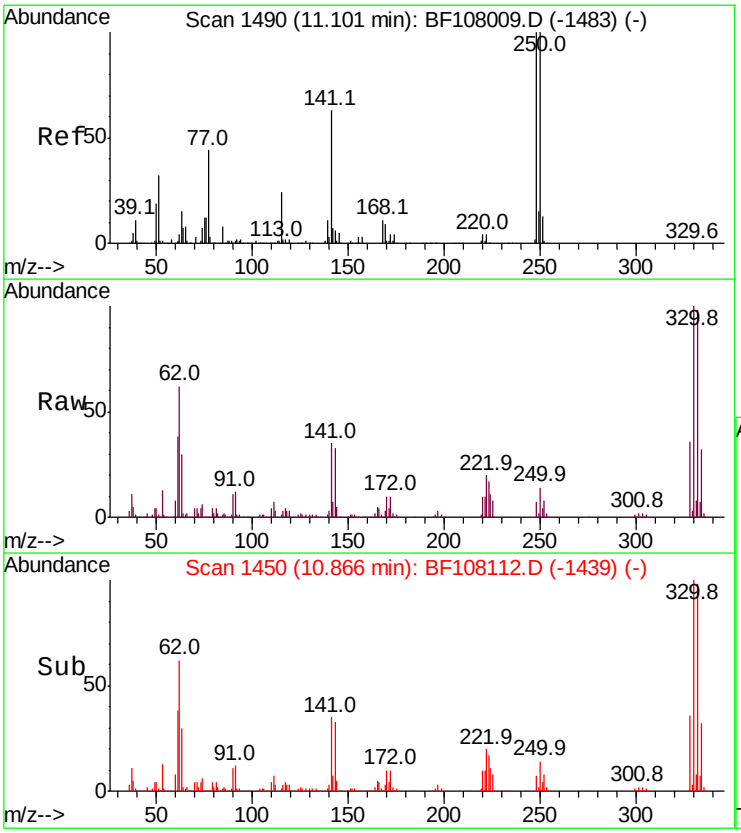
#64
4,6-Dinitro-2-methylphenol
Concen: 5.698 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.21 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1522

Ion	Ratio	Lower	Upper
198	100		
51	218.2	37.7	77.7#
105	235.4	36.3	76.3#

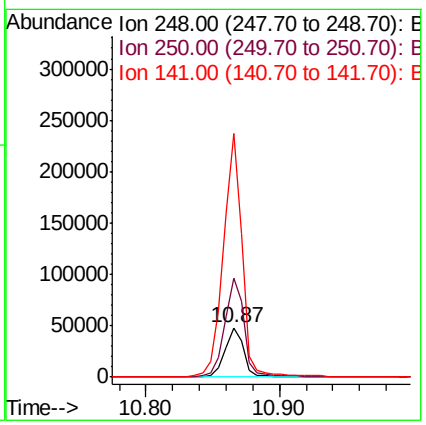


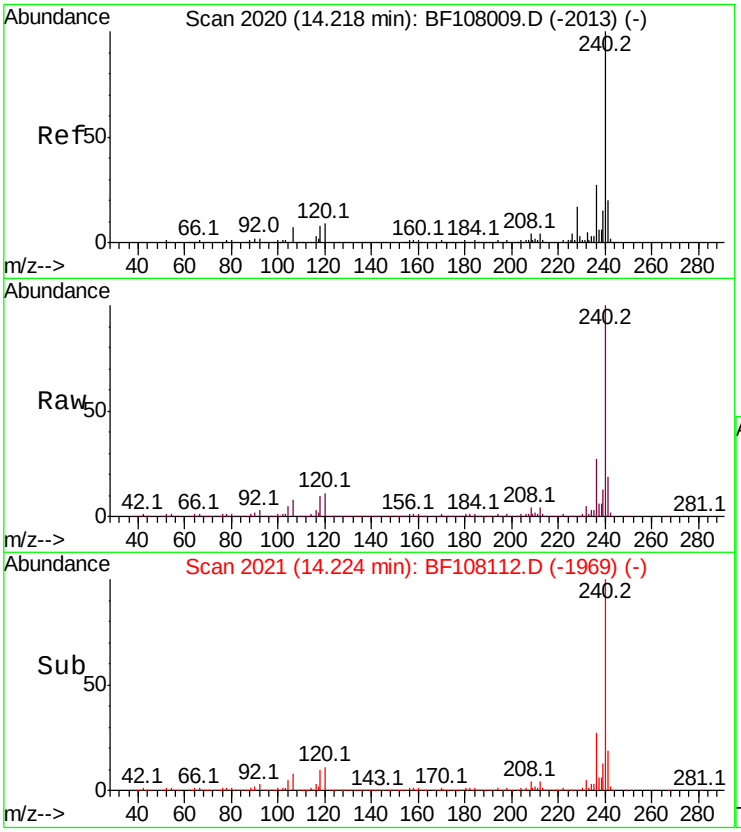


#66
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 10.87 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:248 Resp: 48027

Ion	Ratio	Lower	Upper
248	100		
250	198.4	76.9	115.3#
141	489.9	74.4	111.6#



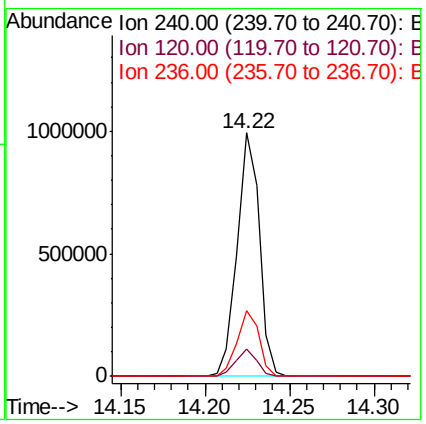


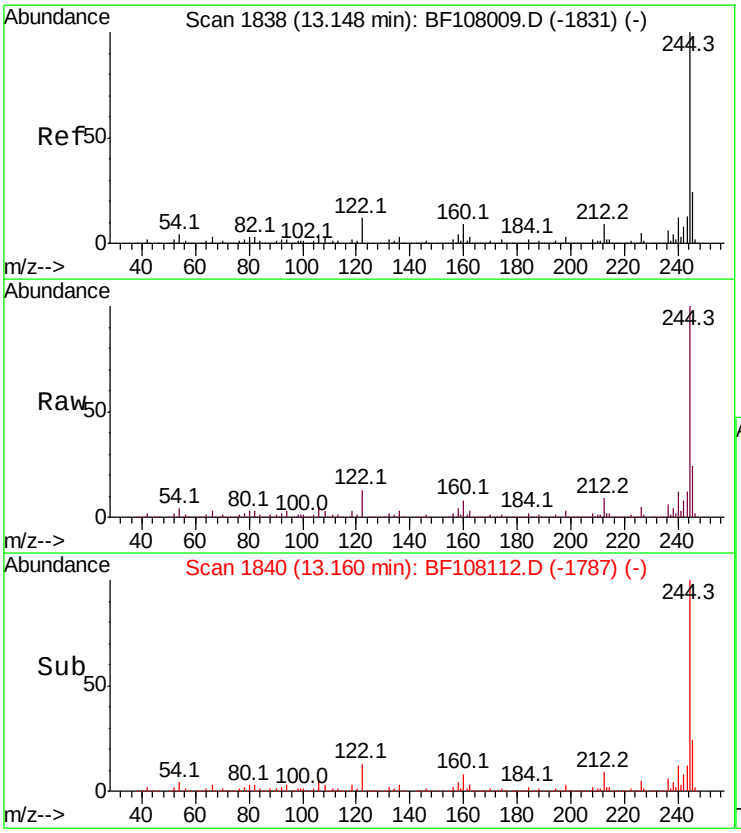
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 911926

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.8	20.7	31.1

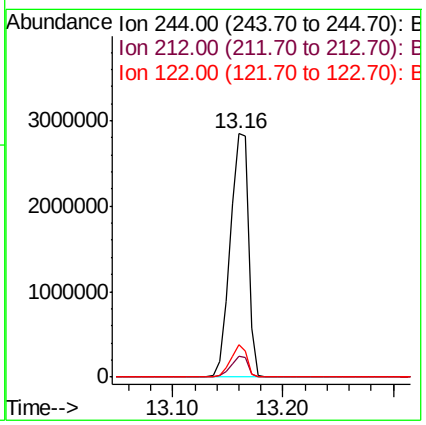


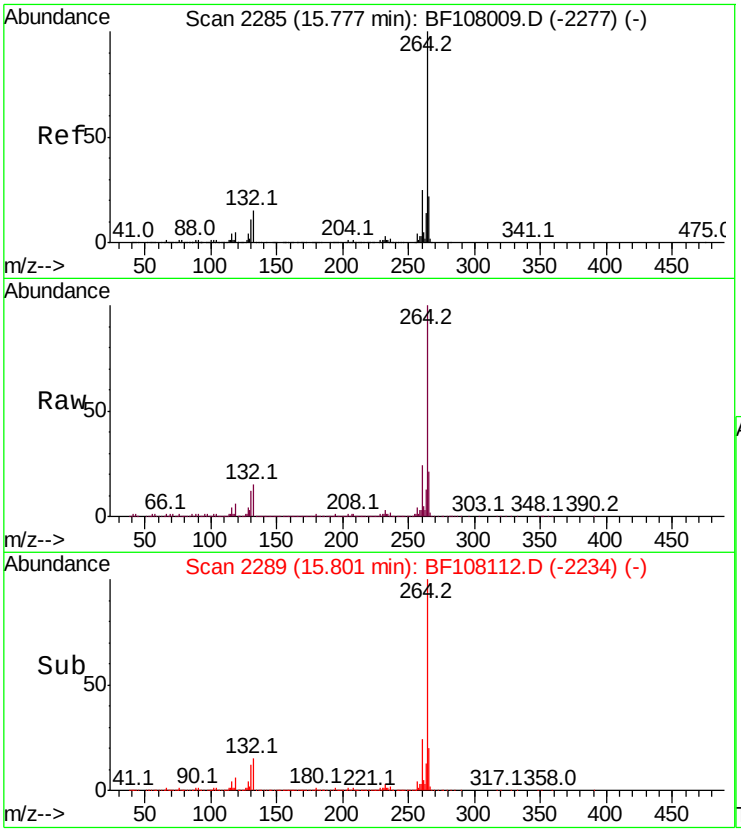


#78
Terphenyl-d14
Concen: 92.608 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:244 Resp: 3321501

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.4	8.0#
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.80 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 749615

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.5	26.3