Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\

Quantitation Report (Not Reviewed)

Data File : BF108848.D
Acq On : 7 Sep 2018 2:35
Operator : JU/SJ
Sample : J4741-02RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC2-03-BRE

Quant Time: Sep 07 03:49:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	191939	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	684690	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	275526	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	507450	20.00	ng	0.00
75) Chrysene-d12	13.87	240	558846	20.00	ng	0.00
86) Perylene-d12	15.27	264	466959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	943826	81.46	ng	0.00
7) Phenol-d6	6.37	99	1185901	79.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	920660	84.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	217288	82.61	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1525307	94.44	ng	0.00
78) Terphenyl-d14	12.82	244	1526780	63.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	122900	11.861	ng	# 76
25) Isophorone	7.30	82	917376	42.036	ng	# 64
49) Dimethylphthalate	9.48	163	94610	4.909	ng	# 98
50) 2,6-Dinitrotoluene	9.77	165	35869	9.768	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	35869	7.638	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	367	7.026	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13343	2.328	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\

Quantitation Report (Not Reviewed)

Data File : BF108848.D
Acq On : 7 Sep 2018 2:35
Operator : JU/SJ
Sample : J4741-02RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
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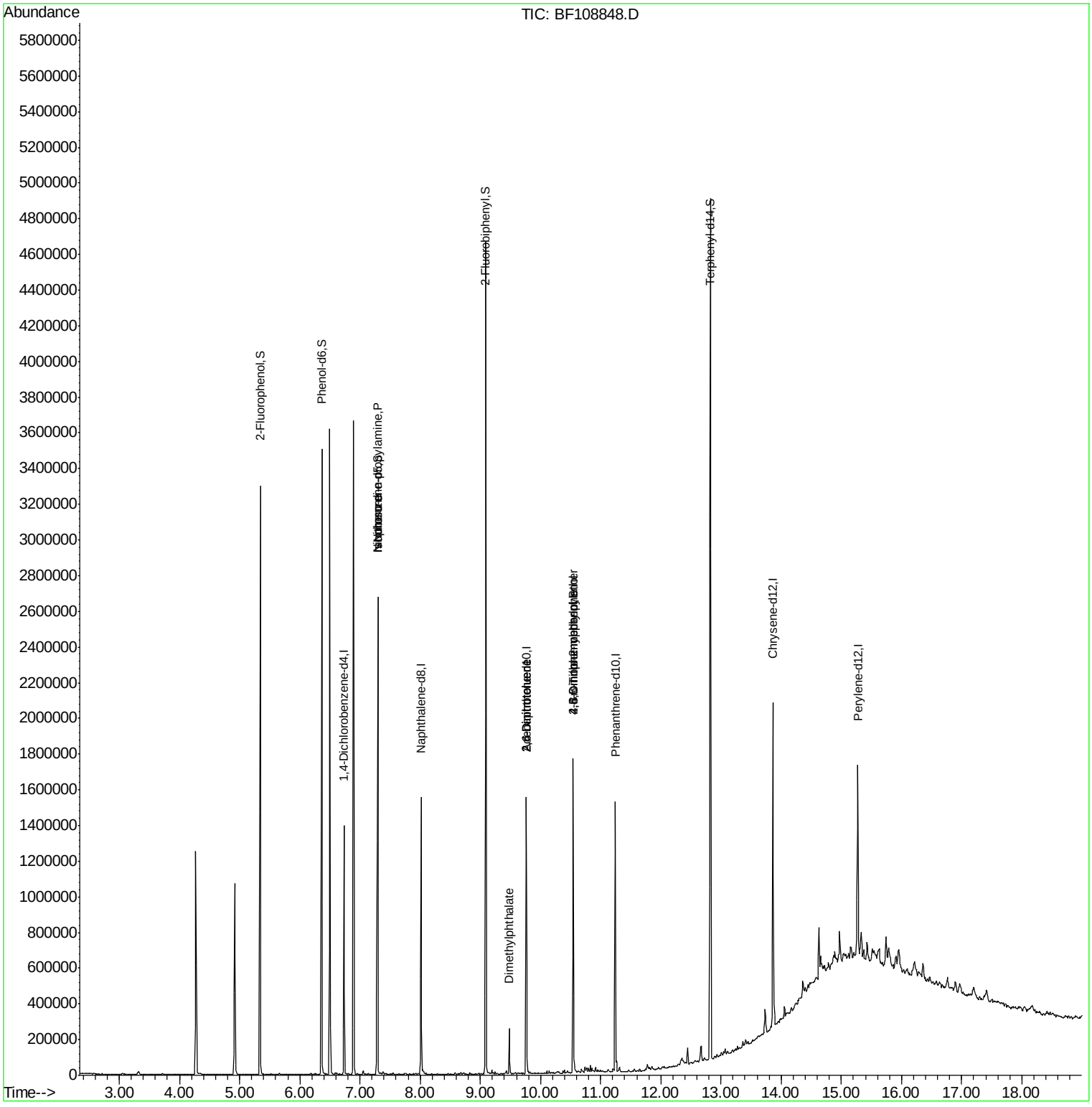
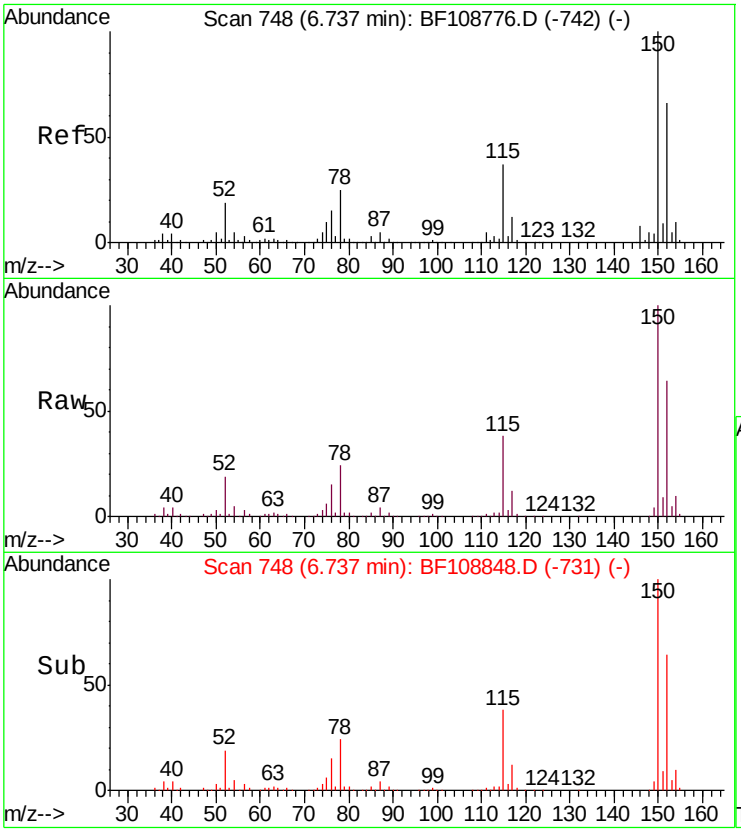
Quant Time: Sep 07 03:49:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



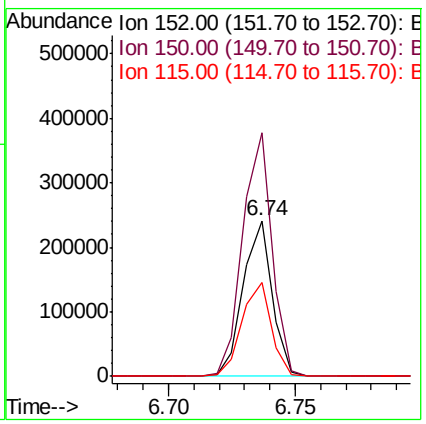


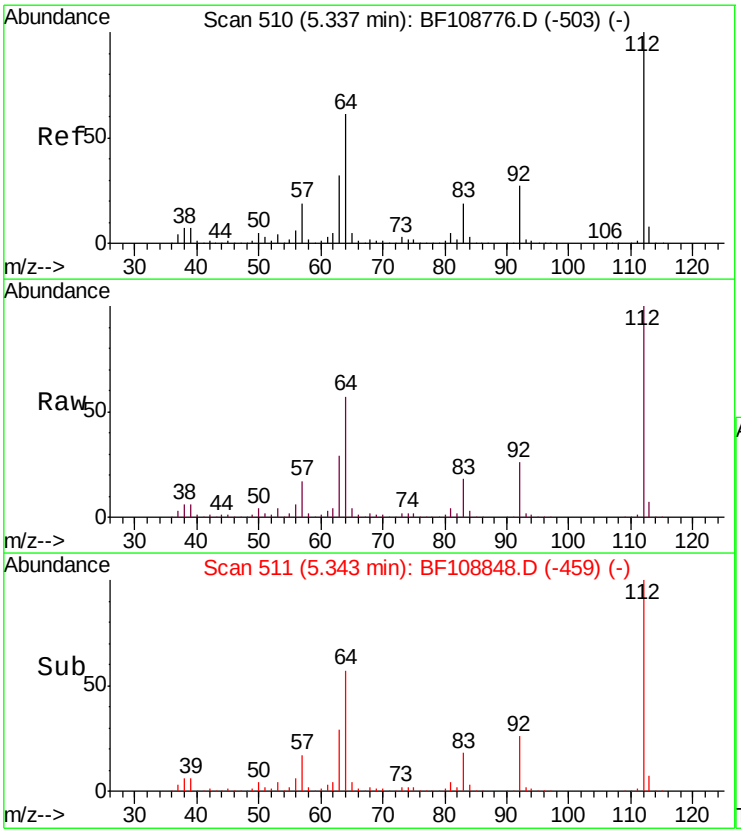
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:152 Resp: 191939

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.9	50.1	75.1

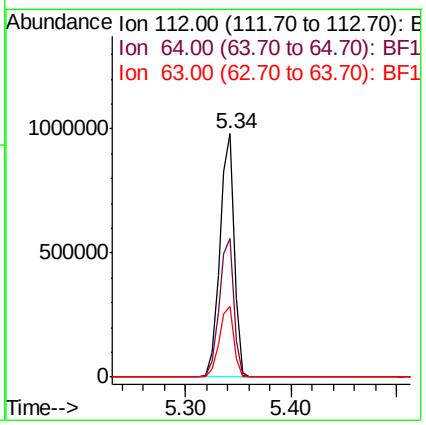


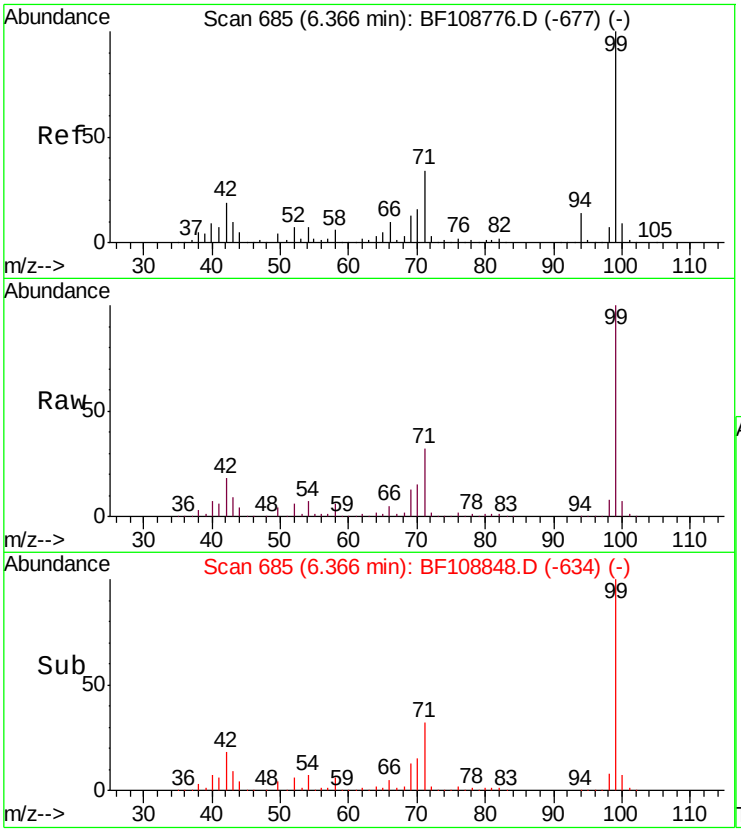


#5
2-Fluorophenol
Concen: 81.464 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:112 Resp: 943826

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.2	23.7	35.5



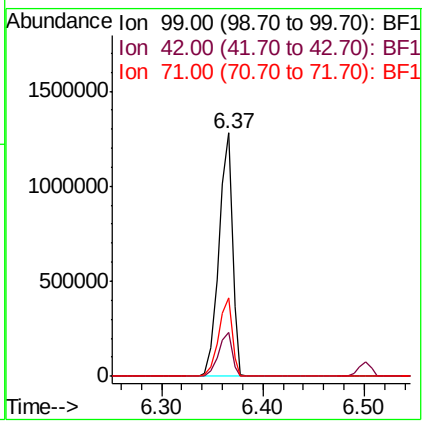


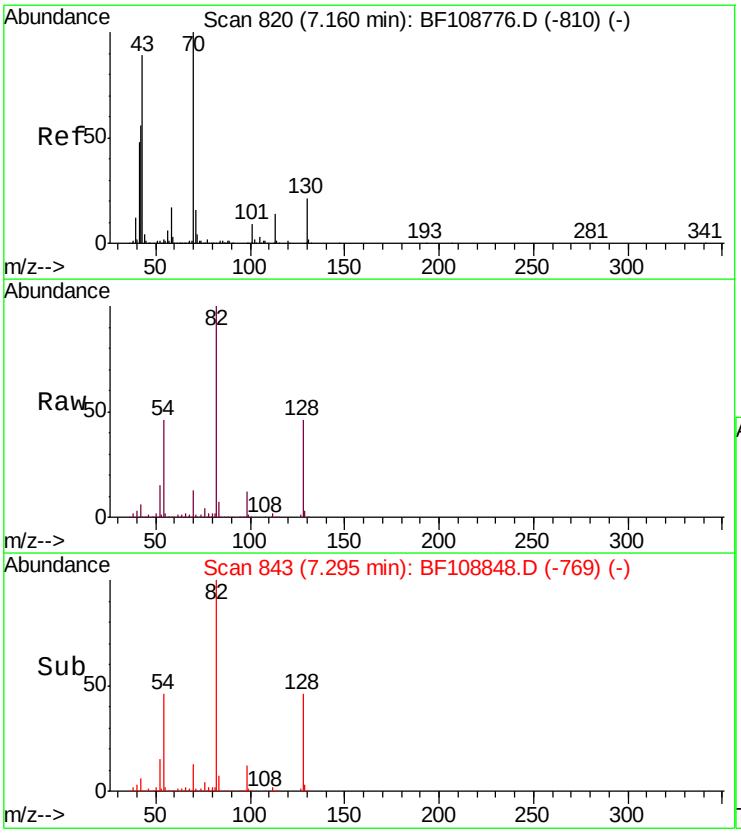
#7
Phenol-d6
Concen: 79.553 ng
RT: 6.37 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion: 99 Resp: 1185901

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.5	25.4	38.0

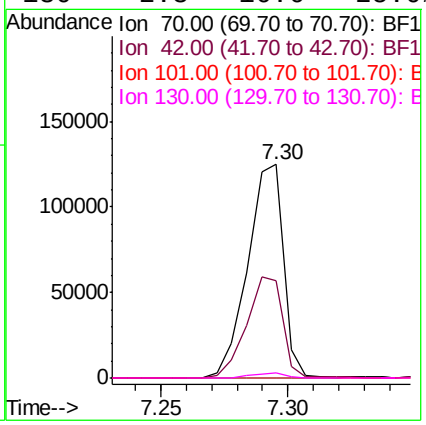


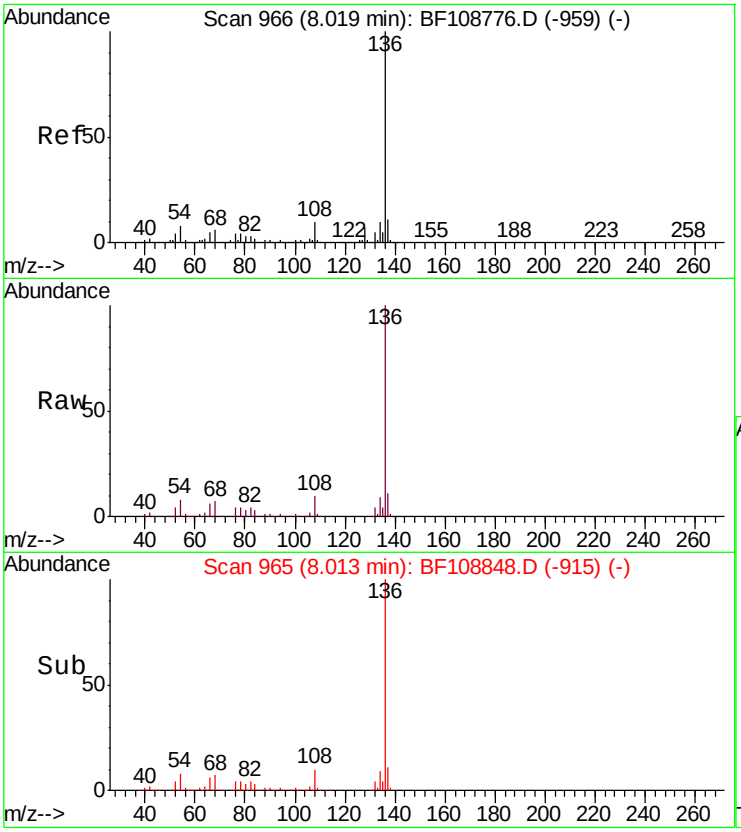


#19
n-Nitroso-di-n-propylamine
Concen: 11.861 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion: 70 Resp: 122900

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



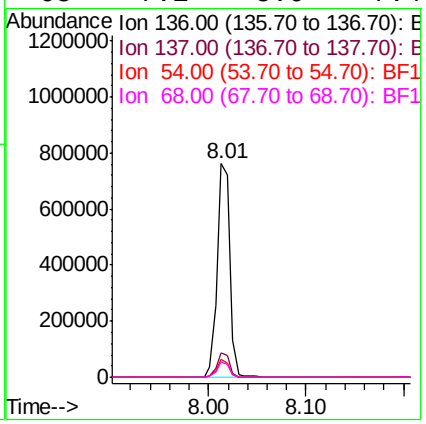


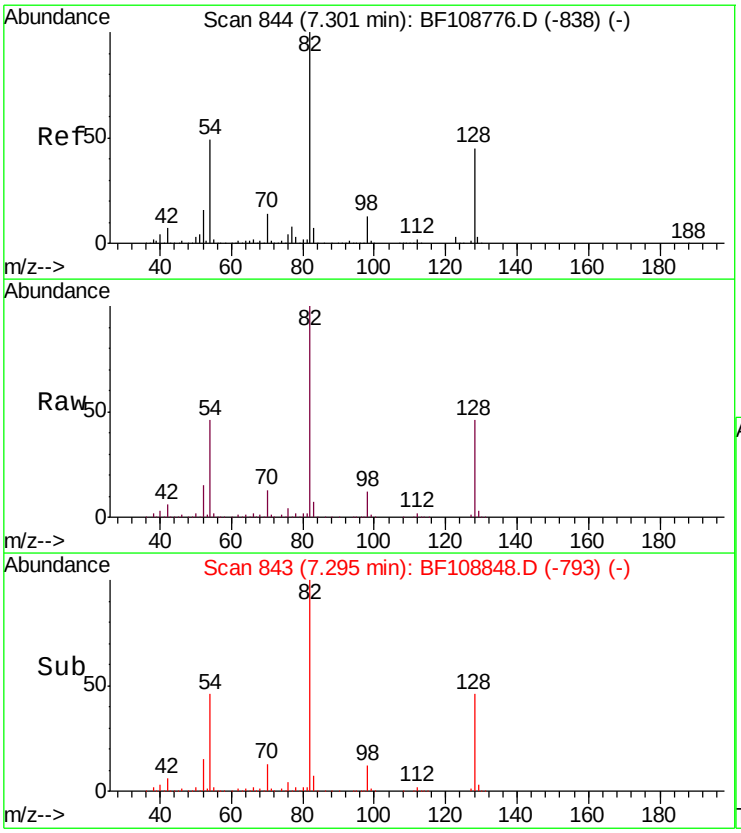
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:136 Resp: 684690

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	7.1	5.0	7.4

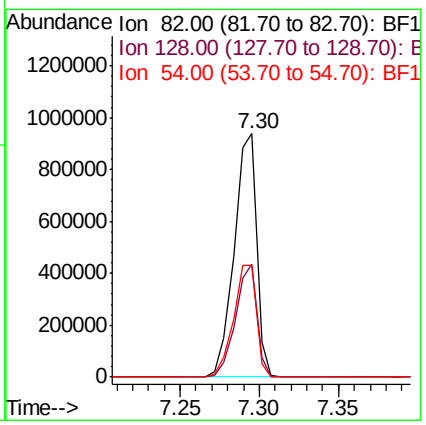


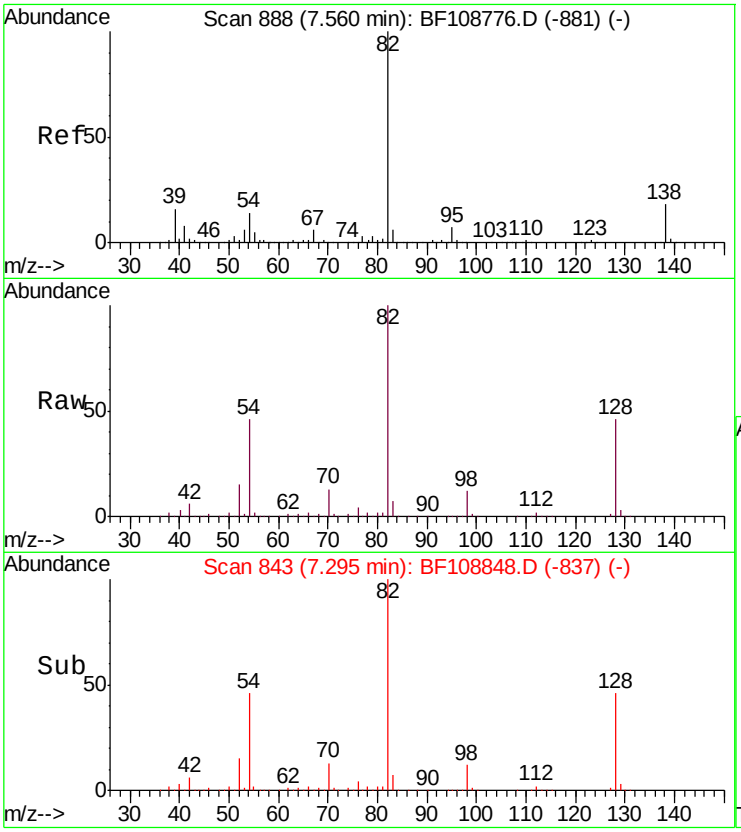


#23
Nitrobenzene-d5
Concen: 84.149 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion: 82 Resp: 920660

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	46.1	41.4	62.2



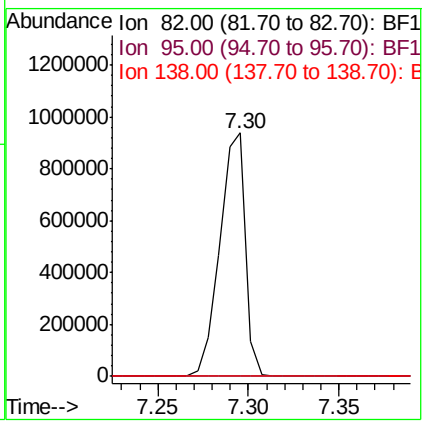


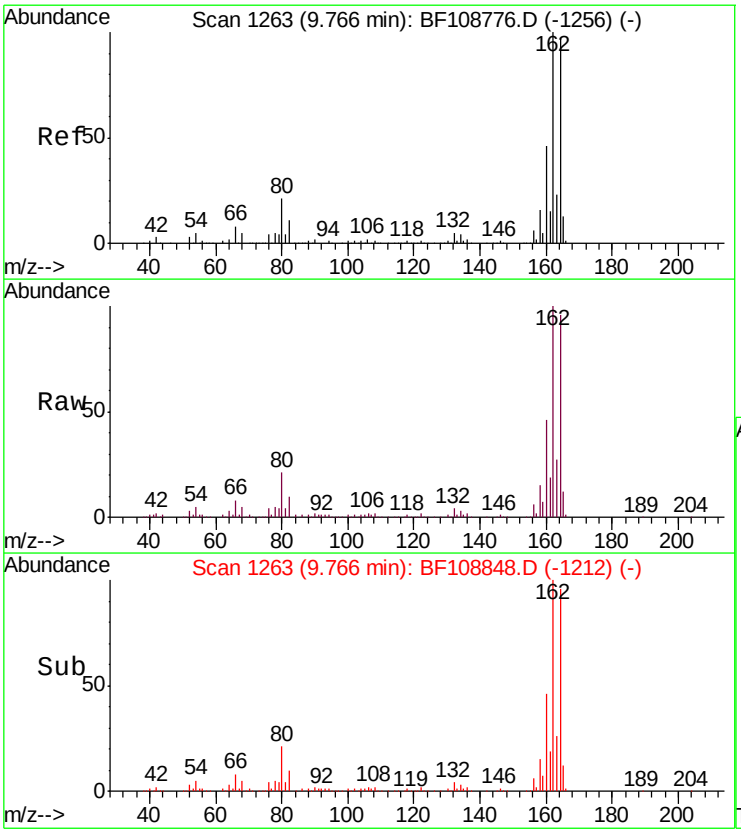
#25
Isophorone
Concen: 42.036 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion: 82 Resp: 917376

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

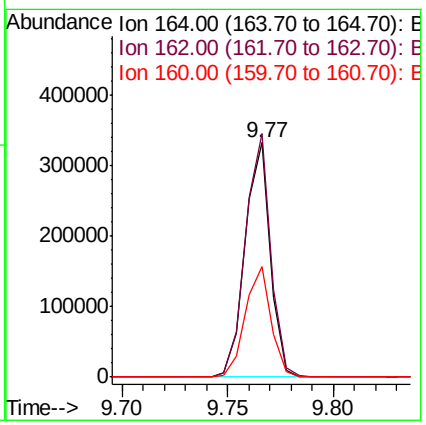


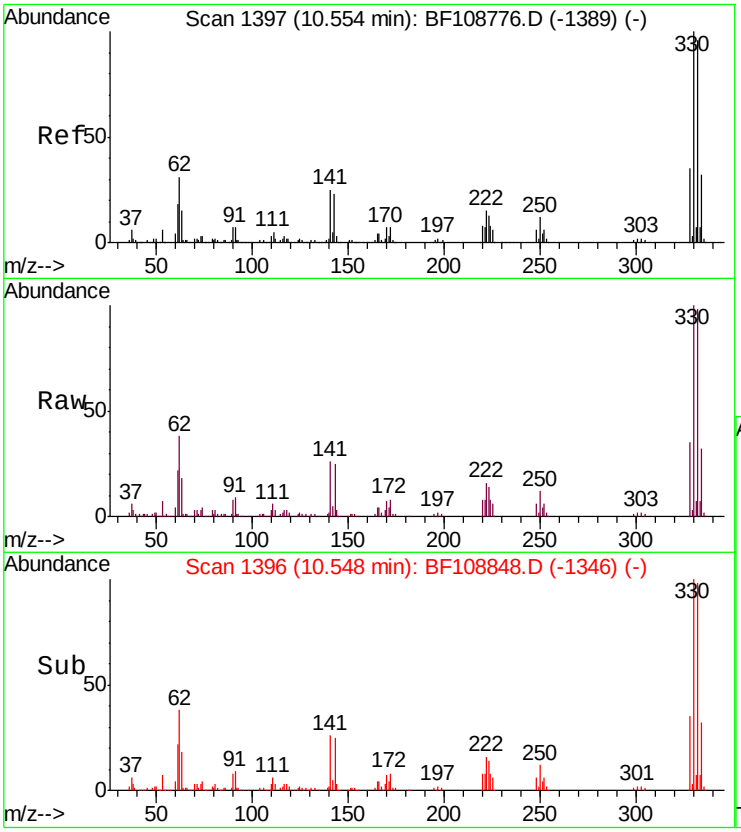


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:164 Resp: 275526

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.3	38.3	57.5



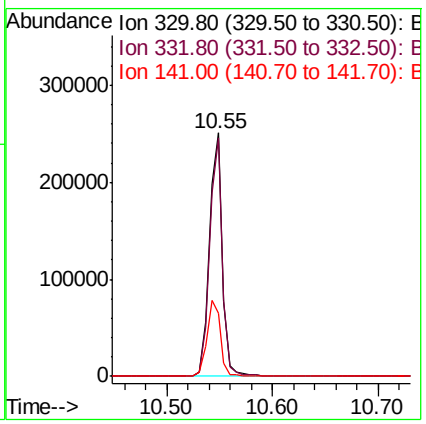


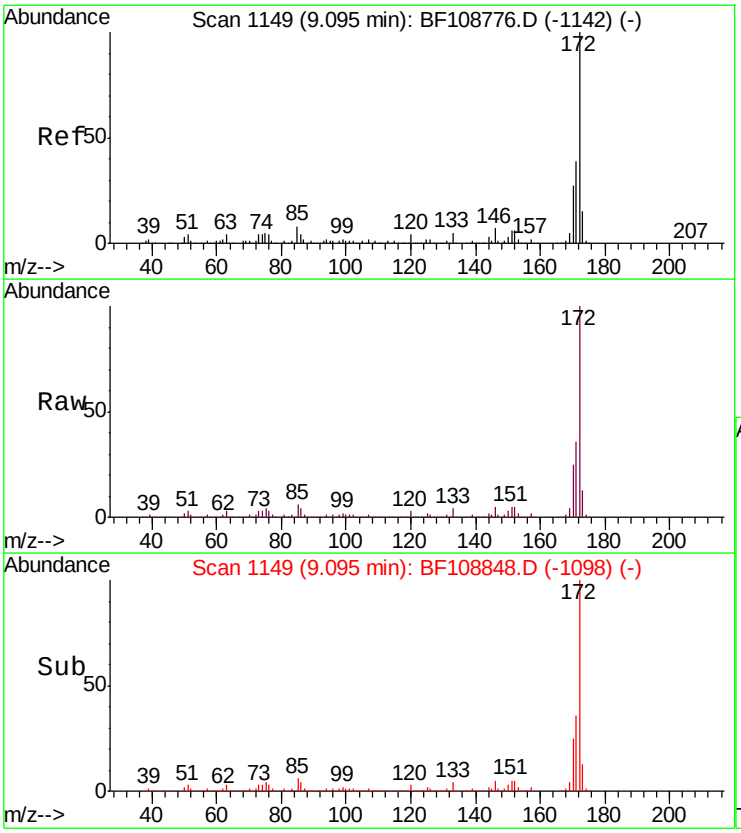
#41
2,4,6-Tribromophenol
Concen: 82.609 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:330 Resp: 217288

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.2	29.9	44.9

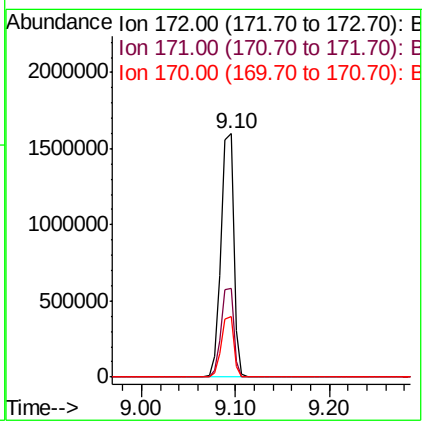


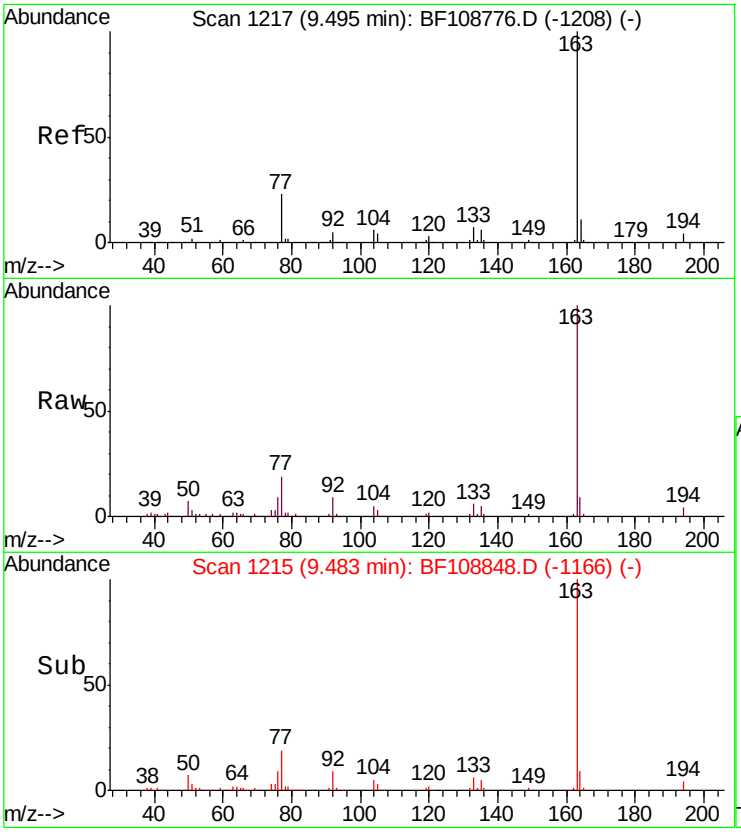


#44
2-Fluorobiphenyl
Concen: 94.443 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:172 Resp: 1525307

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.8	19.6	29.4



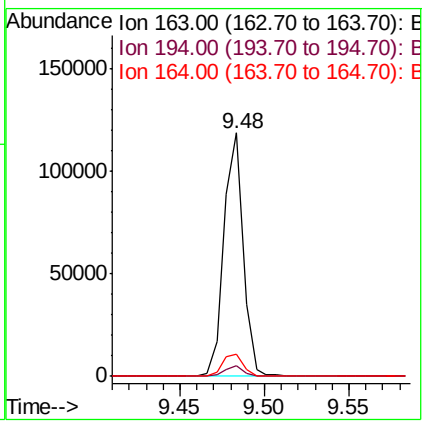


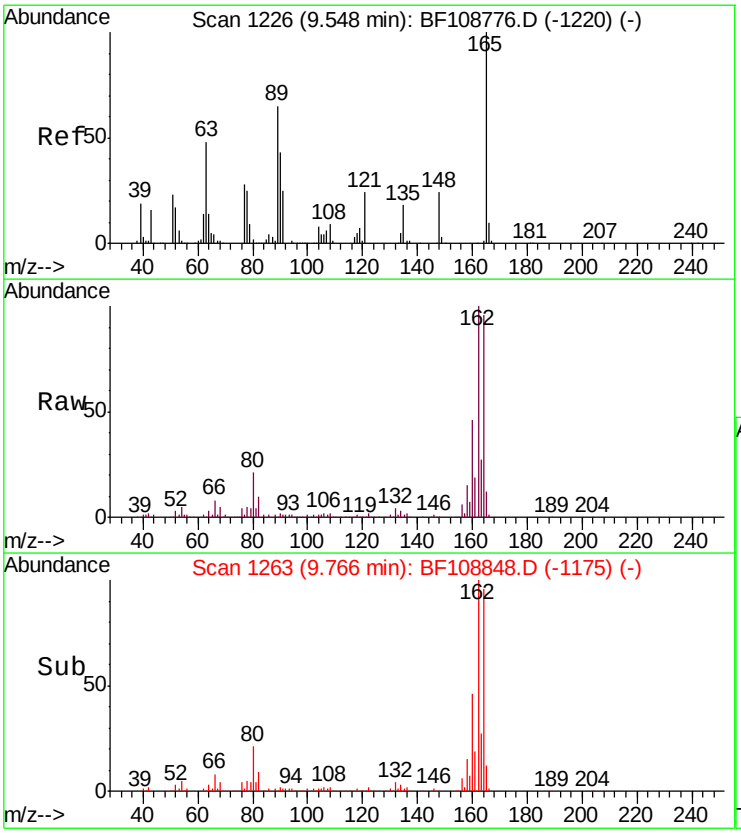
#49
Dimethylphthalate
Concen: 4.909 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:163 Resp: 94610

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.4	8.2	12.2

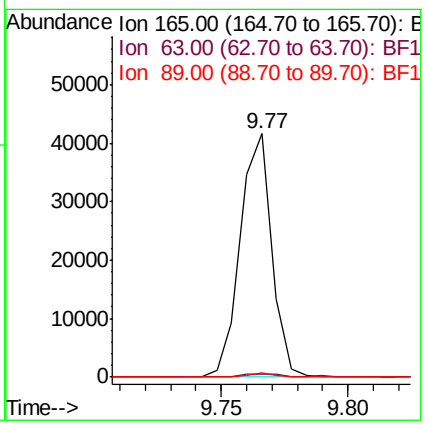


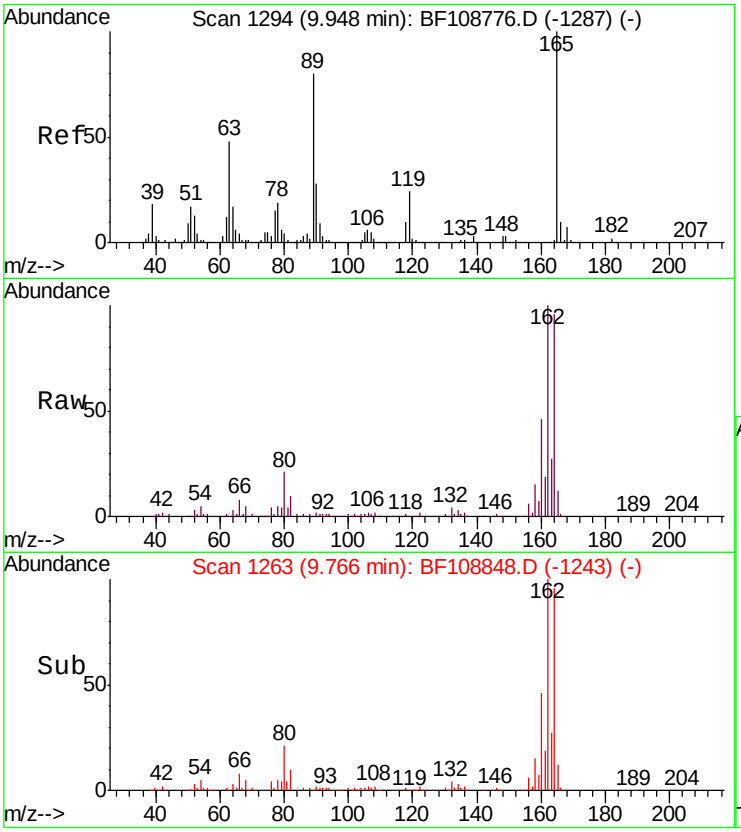


#50
2,6-Dinitrotoluene
Concen: 9.768 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:165 Resp: 35869

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



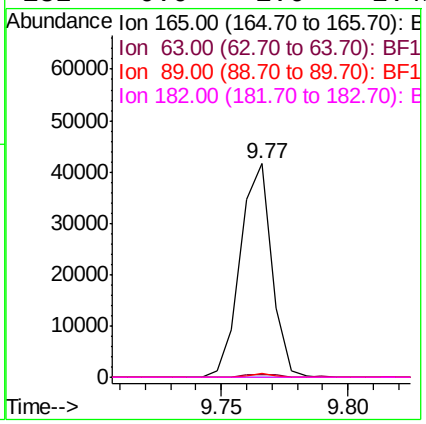


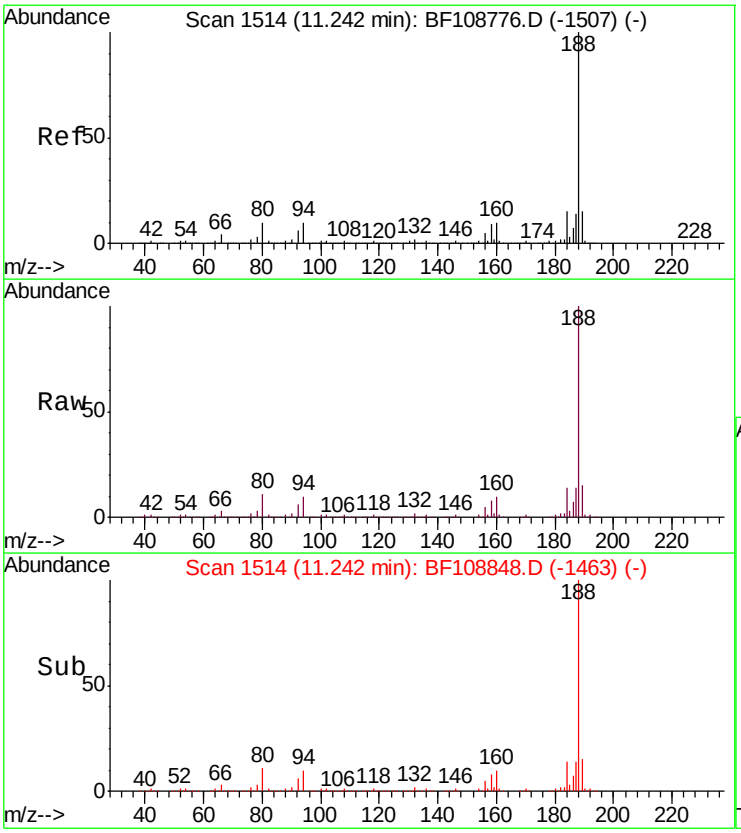
#56
2,4-Dinitrotoluene
Concen: 7.638 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:165 Resp: 35869

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

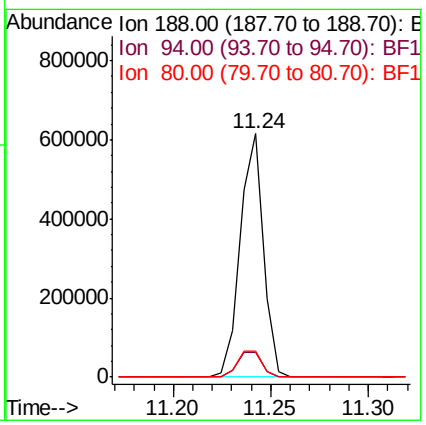


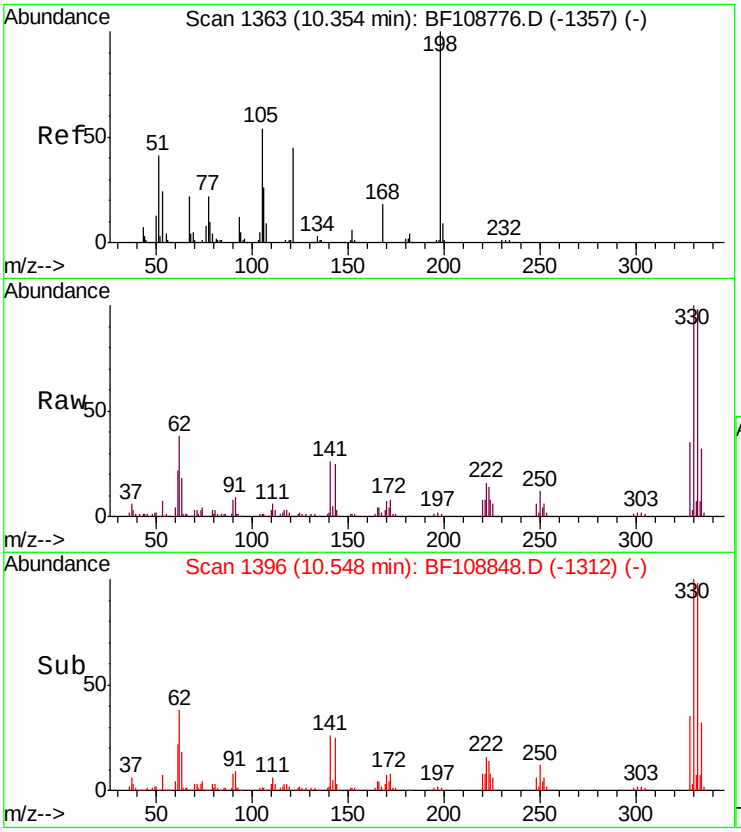


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:188 Resp: 507450

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8



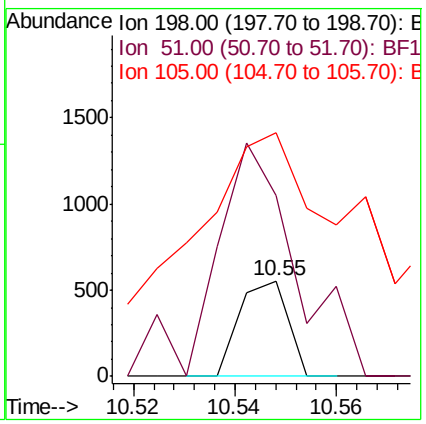


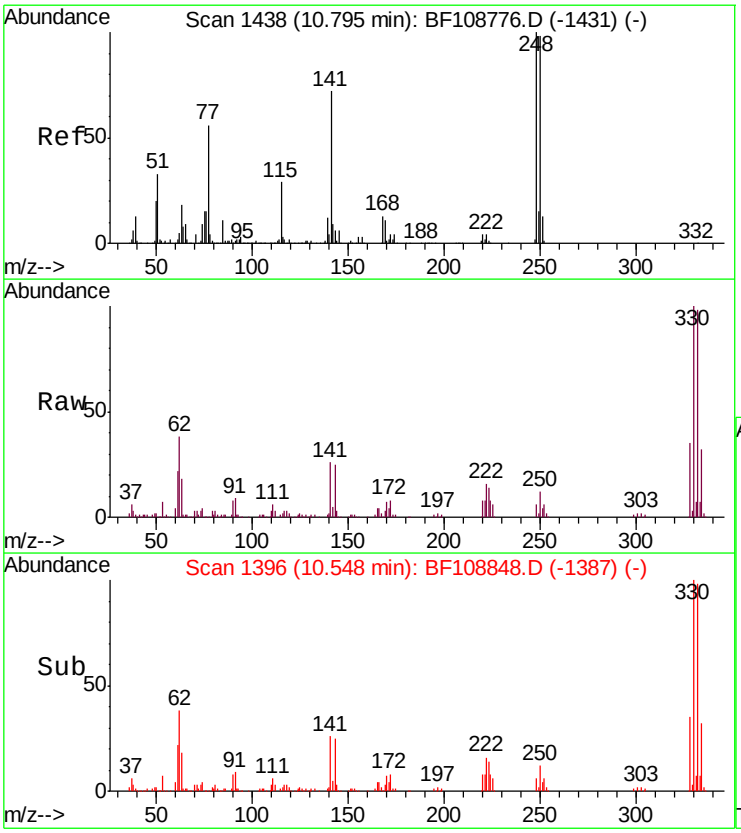
#64
4,6-Dinitro-2-methylphenol
Concen: 7.026 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:198 Resp: 367

Ion	Ratio	Lower	Upper
198	100		
51	189.2	37.7	77.7#
105	254.6	36.3	76.3#

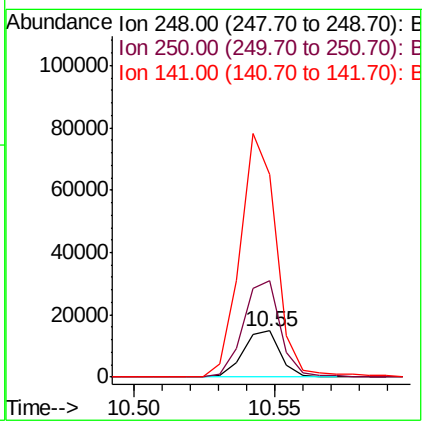


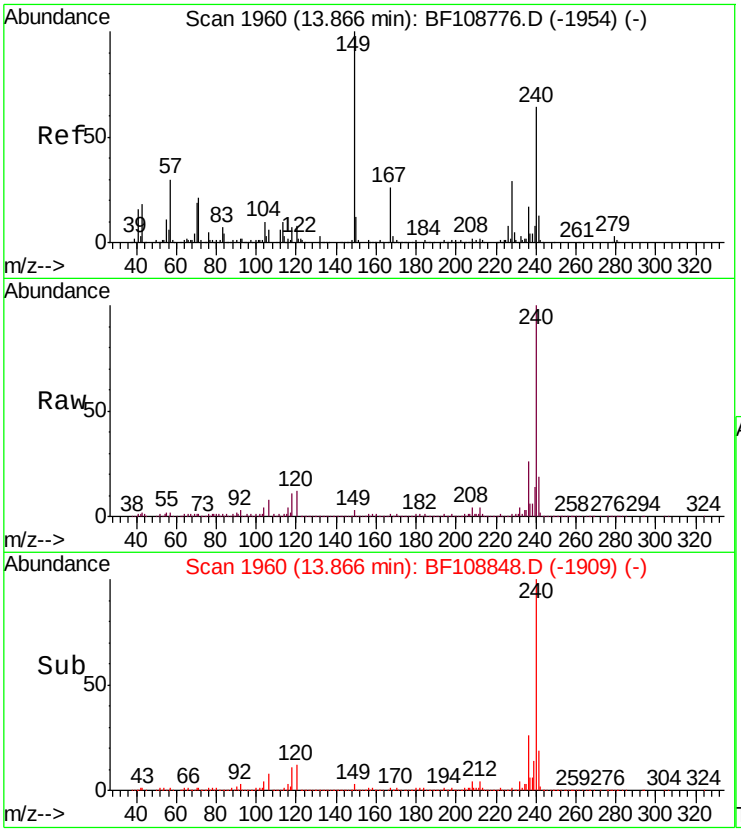


#66
4-Bromophenyl-phenylether
Concen: 2.328 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:248 Resp: 13343

Ion	Ratio	Lower	Upper
248	100		
250	208.3	76.9	115.3#
141	439.1	74.4	111.6#



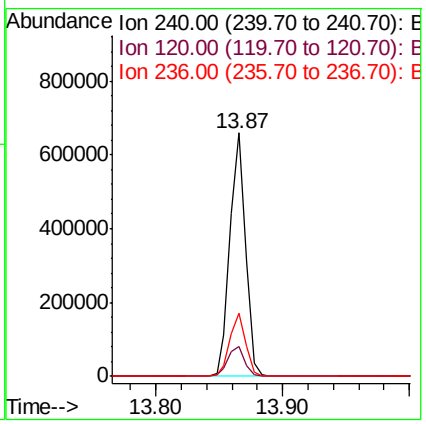


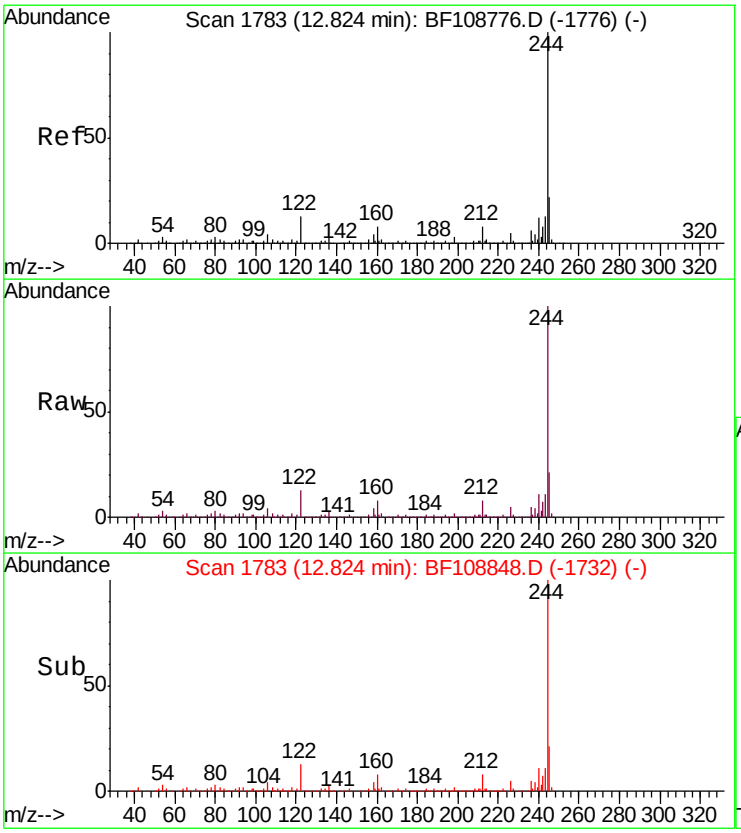
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:240 Resp: 558846

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.2	20.7	31.1

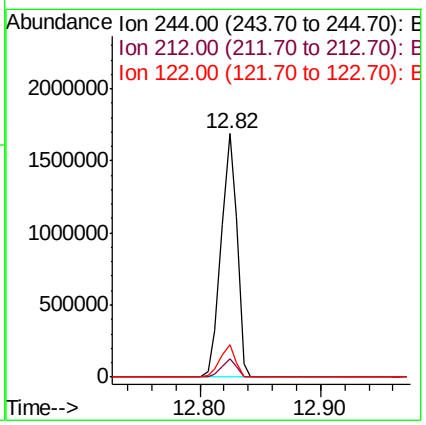


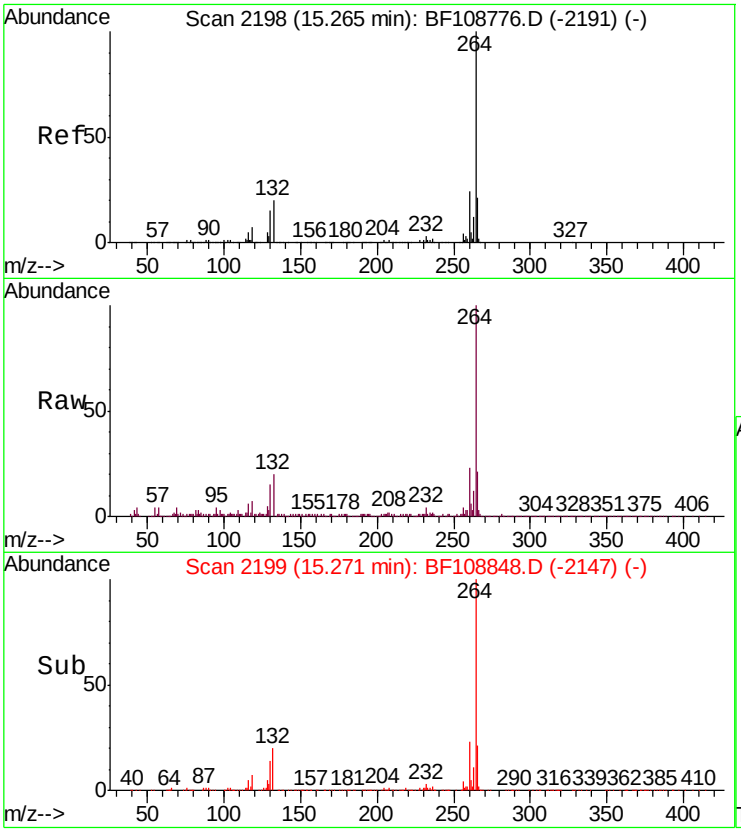


#78
Terphenyl-d14
Concen: 63.708 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Tgt Ion:244 Resp: 1526780

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion:264 Resp: 466959

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3