Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108812.D
Acq On : 6 Sep 2018 8:58
Operator : JU/SJ
Sample : J4724-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 10:53:42 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	285347	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1053784	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	475751	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	770098	20.00	ng	0.00
75) Chrysene-d12	13.87	240	576022	20.00	ng	0.00
86) Perylene-d12	15.27	264	597801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1693803	98.34	ng	0.01
7) Phenol-d6	6.37	99	2208339	99.65	ng	0.00
23) Nitrobenzene-d5	7.30	82	1359115	80.71	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	458157	100.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2283416	81.88	ng	0.00
78) Terphenyl-d14	12.82	244	1759526	71.23	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	184716	11.991	ng	# 79
25) Isophorone	7.30	82	1354700	40.333	ng	# 64
32) Benzoic acid	8.02	122	115	4.030	ng	# 1
49) Dimethylphthalate	9.49	163	1003464	30.156	ng	99
56) 2,4-Dinitrotoluene	9.77	165	61868	7.630	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	1061	7.169	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	28334	3.258	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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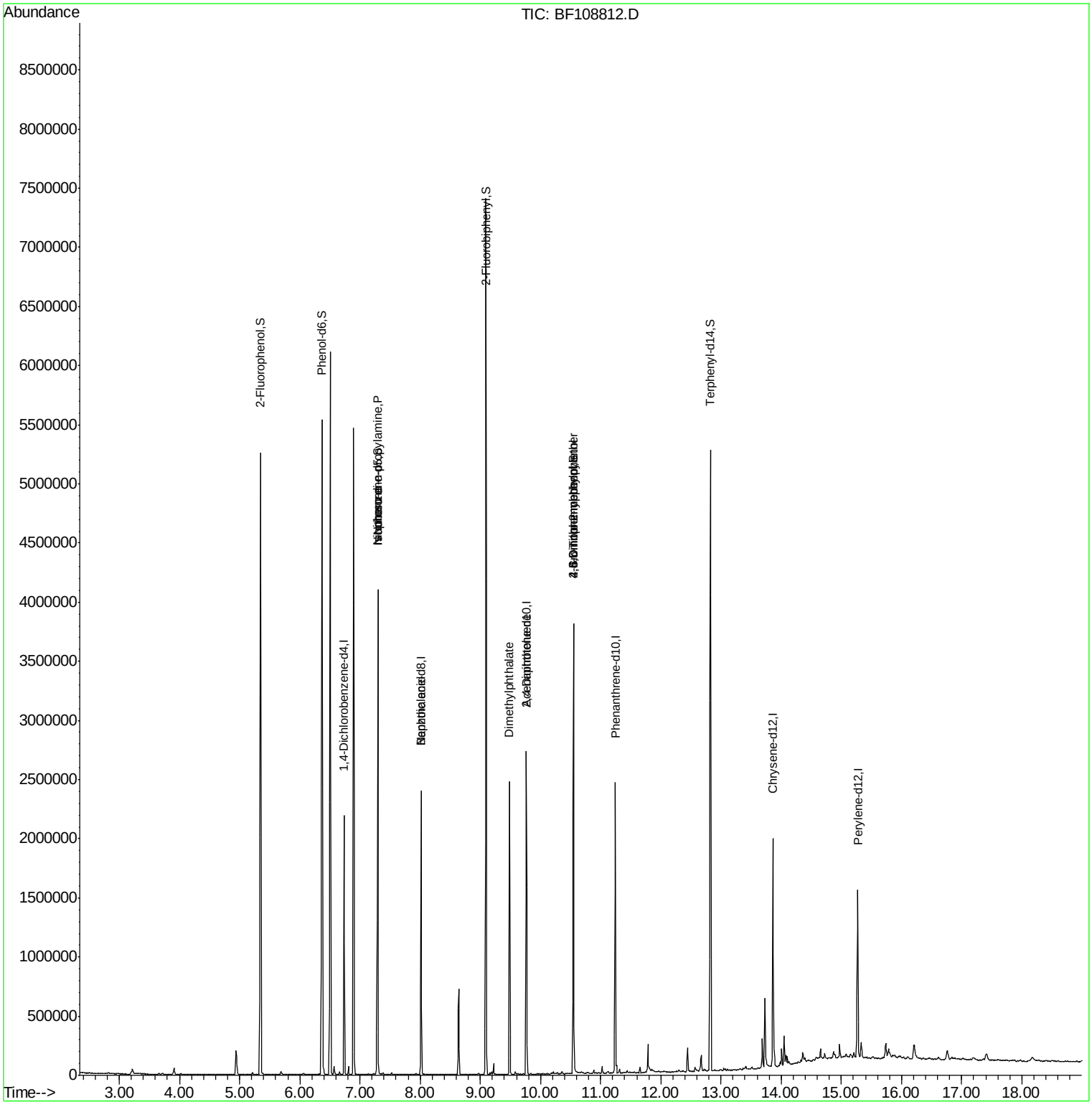
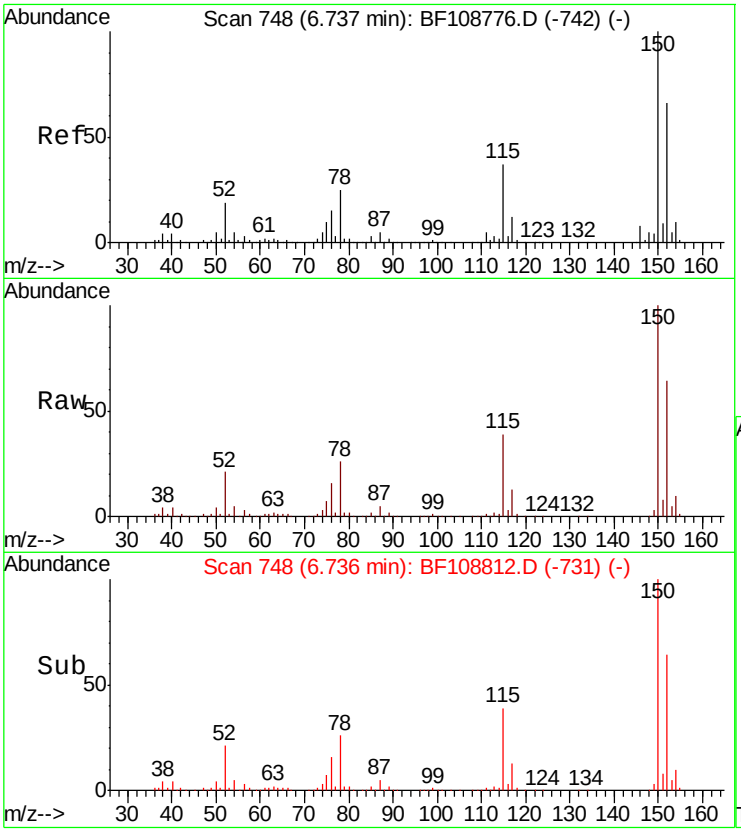
Response via : Initial Calibration



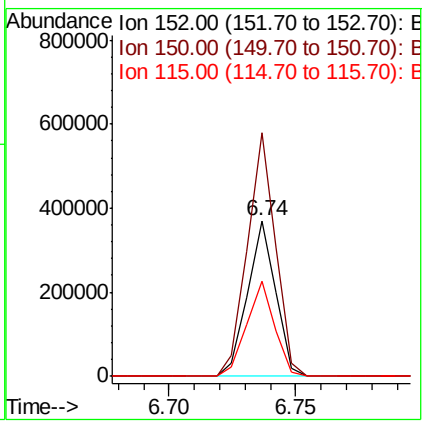


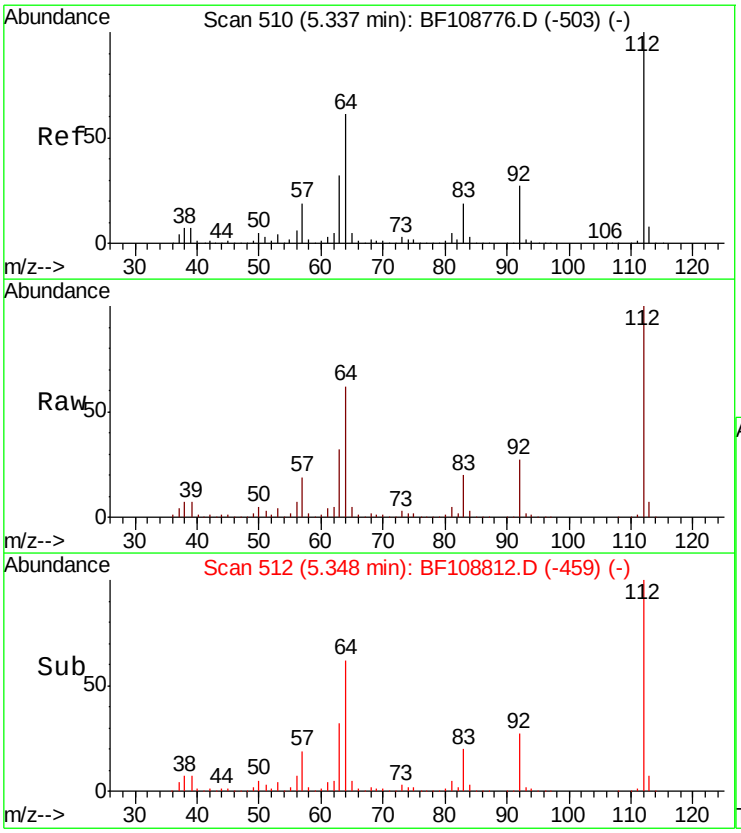
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 285347

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	61.6	50.1	75.1

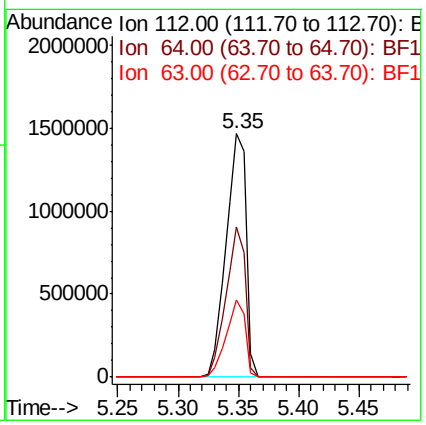


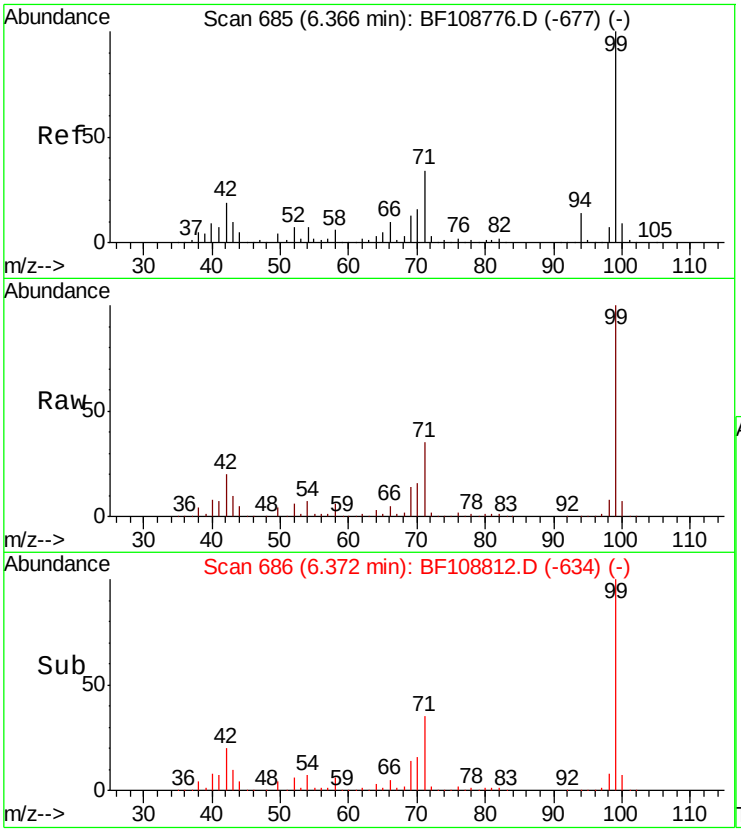


#5
2-Fluorophenol
Concen: 98.339 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:112 Resp: 1693803

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.8	23.7	35.5



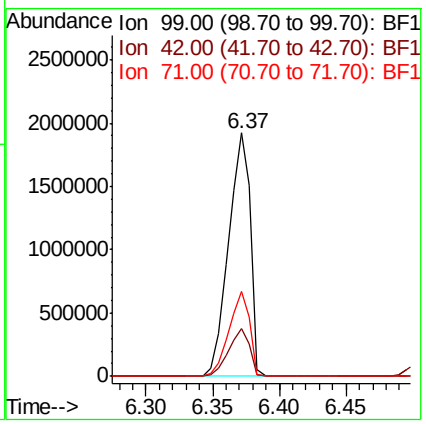


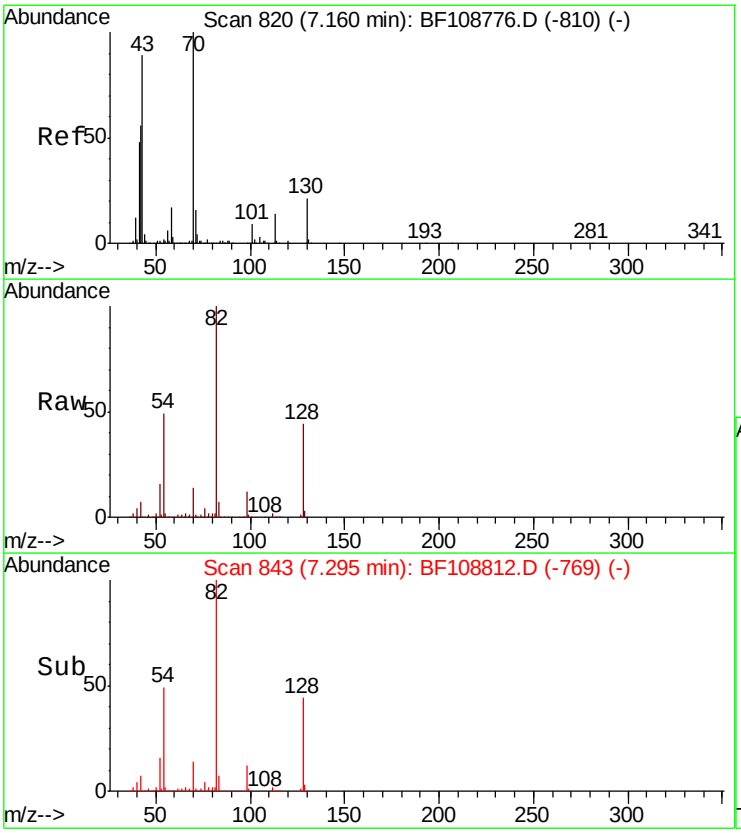
#7
Phenol-d6
Concen: 99.647 ng
RT: 6.37 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2208339

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	35.1	25.4	38.0

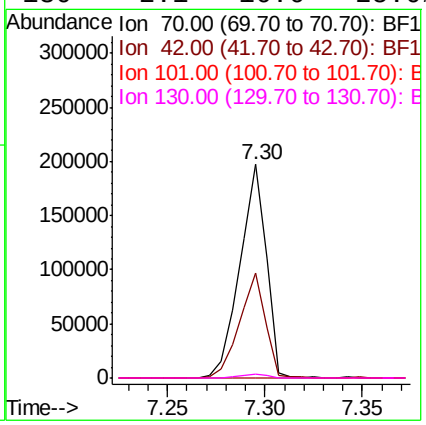


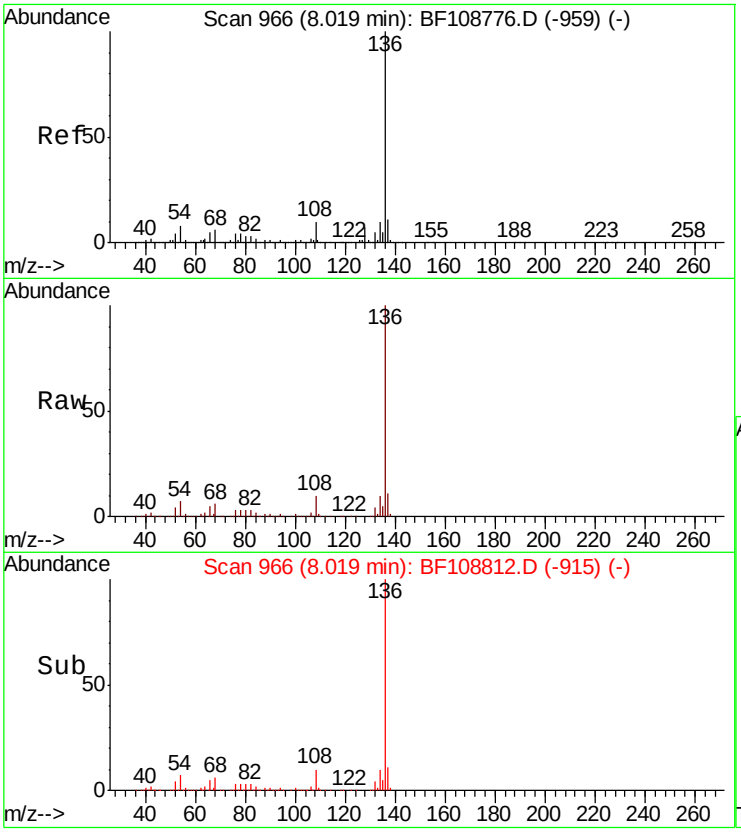


#19
n-Nitroso-di-n-propylamine
Concen: 11.991 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion: 70 Resp: 184716

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



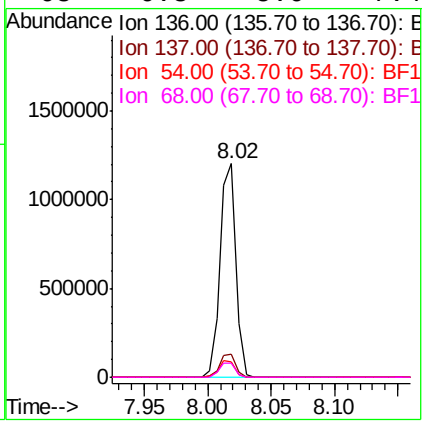


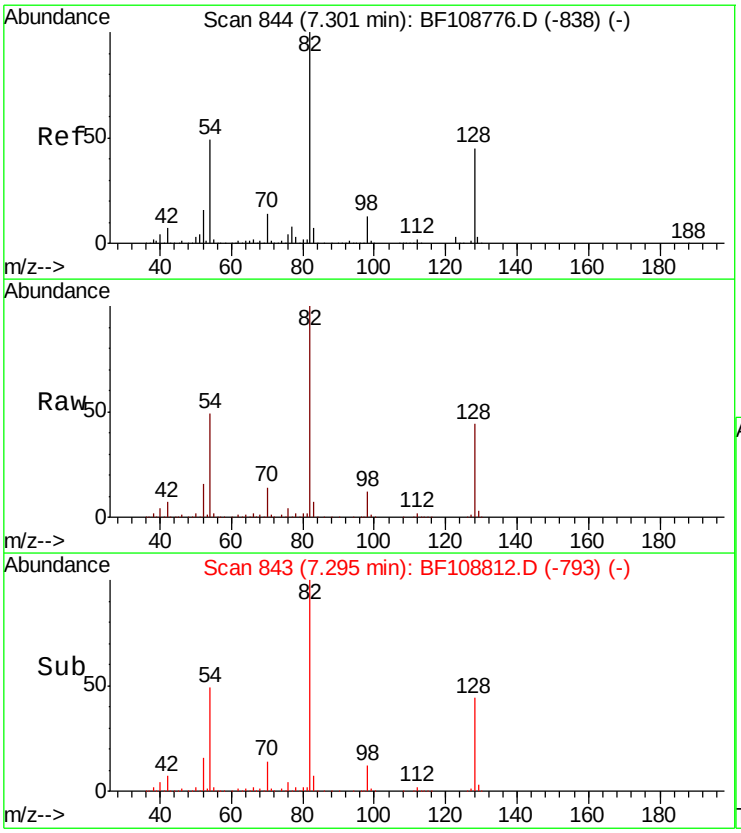
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1053784

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4

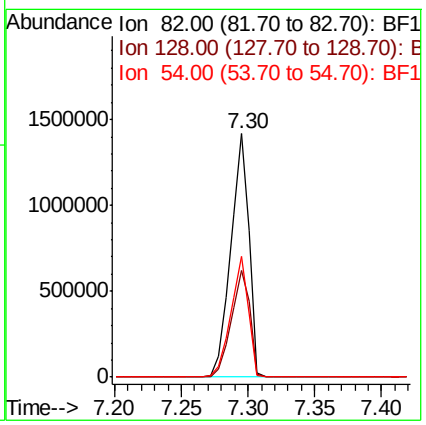


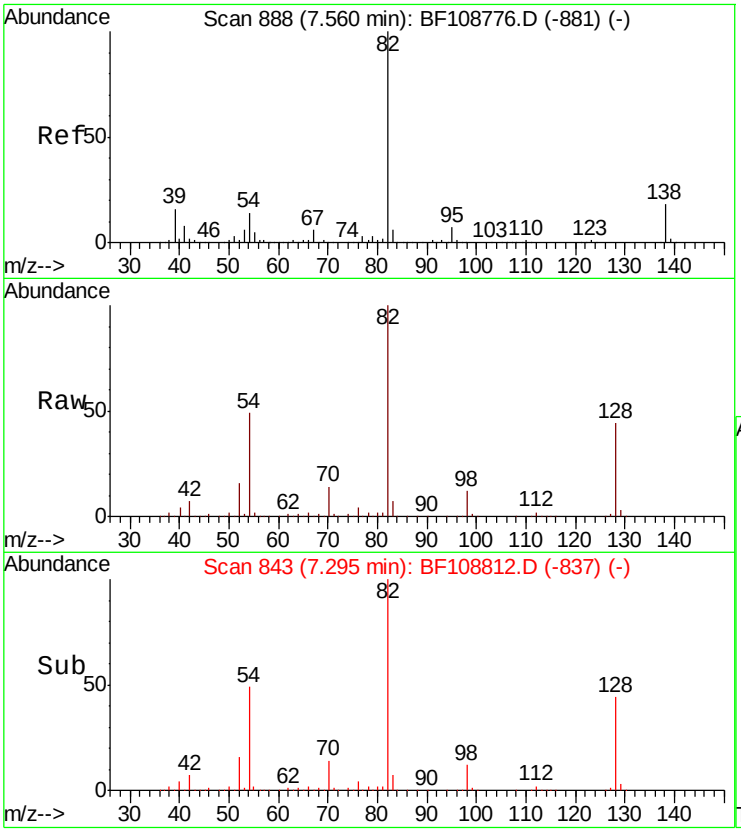


#23
Nitrobenzene-d5
Concen: 80.714 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion: 82 Resp: 1359115

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	49.4	41.4	62.2



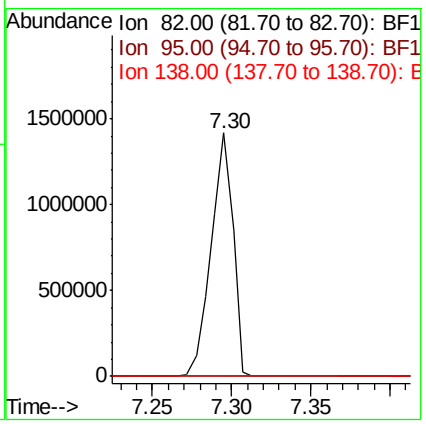


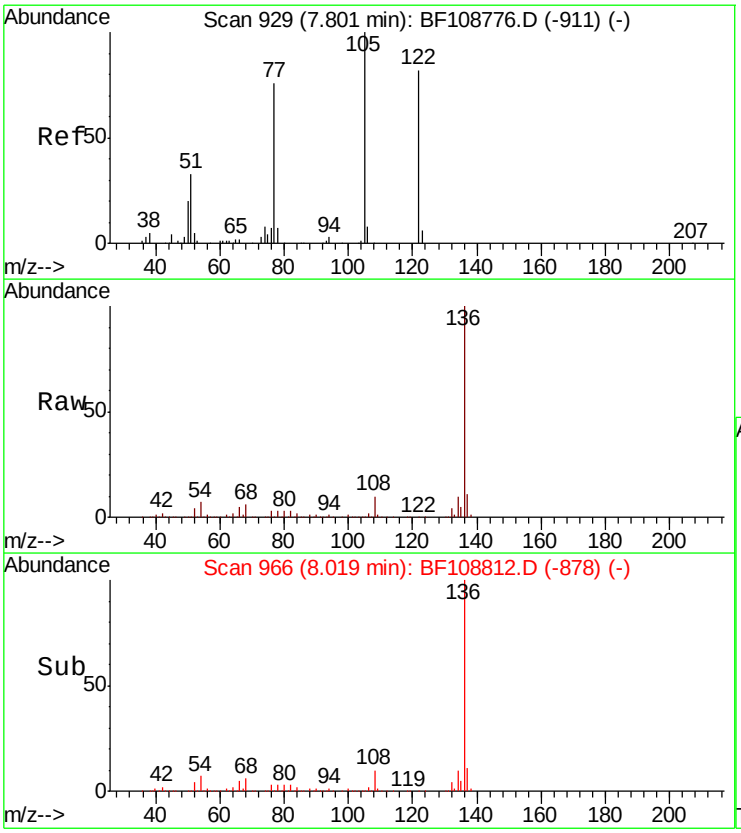
#25
Isophorone
Concen: 40.333 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1354700

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

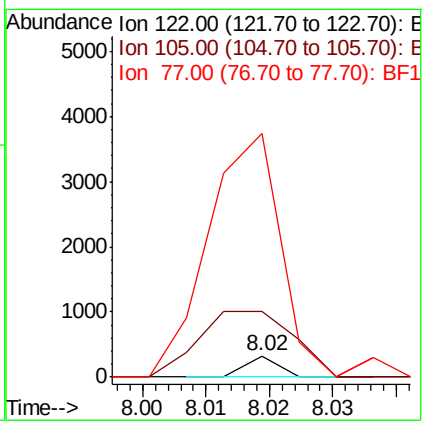


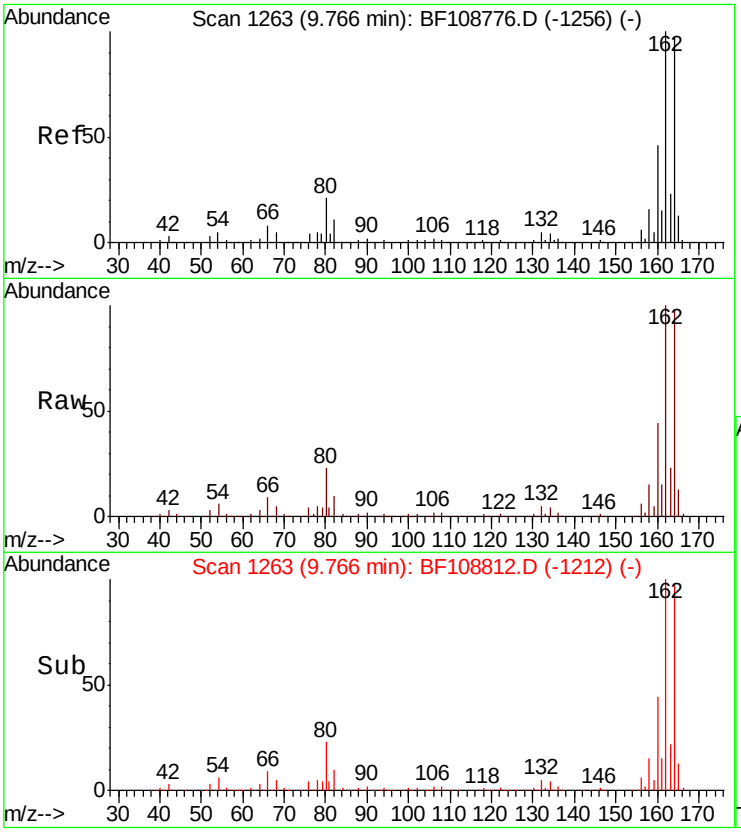


#32
Benzoic acid
Concen: 4.030 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	307.6	101.1	141.1#
77	1142.8	70.7	110.7#



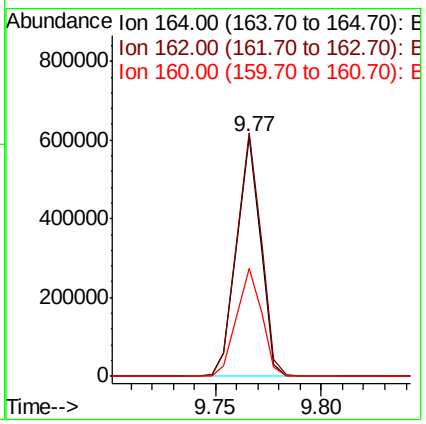


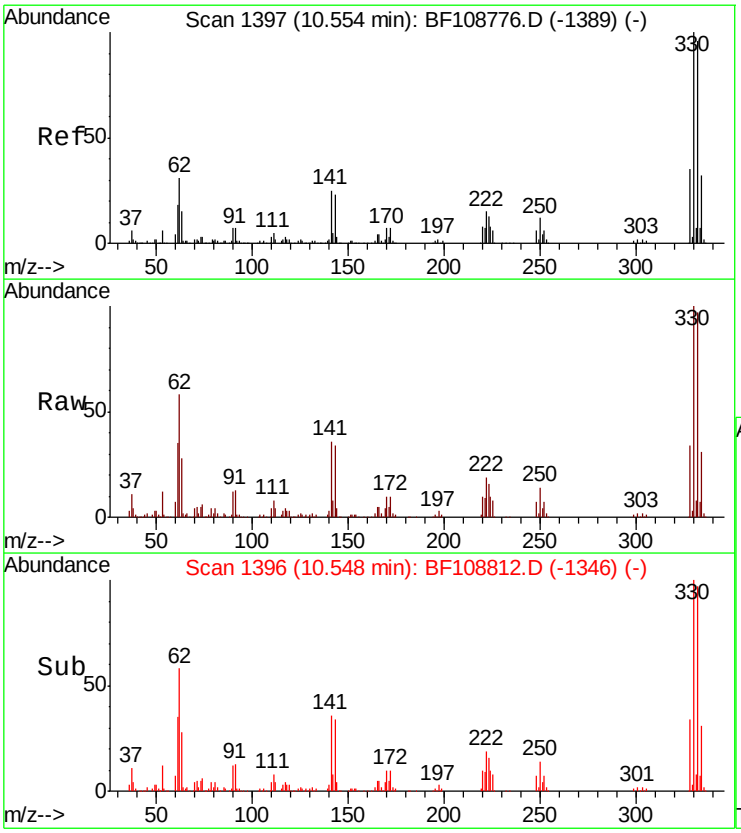
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 475751

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.2	38.3	57.5

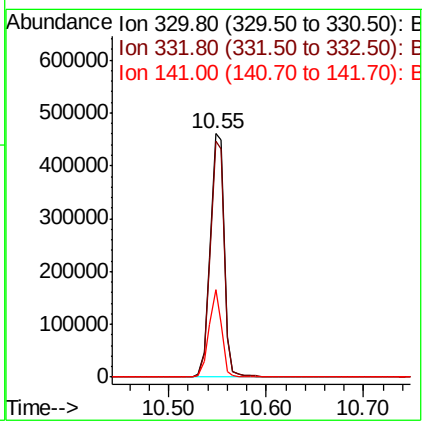


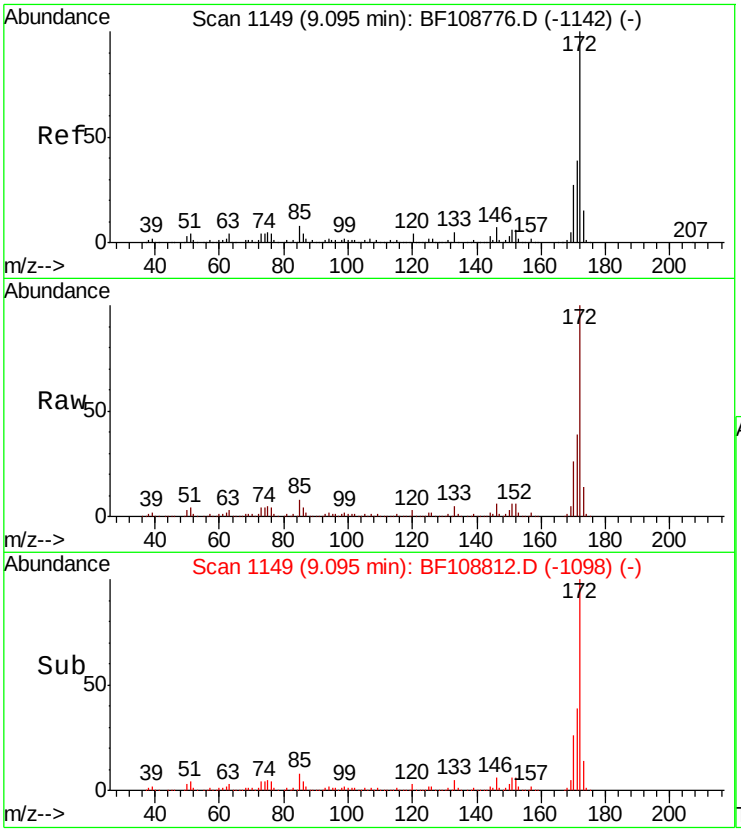


#41
2,4,6-Tribromophenol
Concen: 100.877 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:330 Resp: 458157

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.4	29.9	44.9



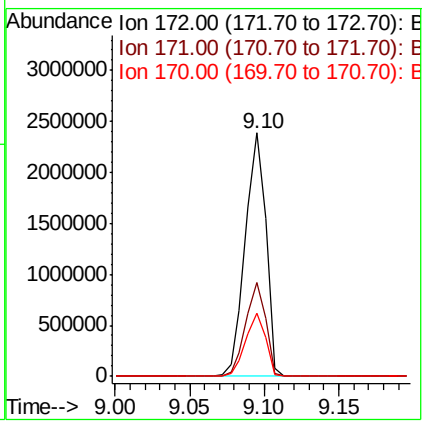


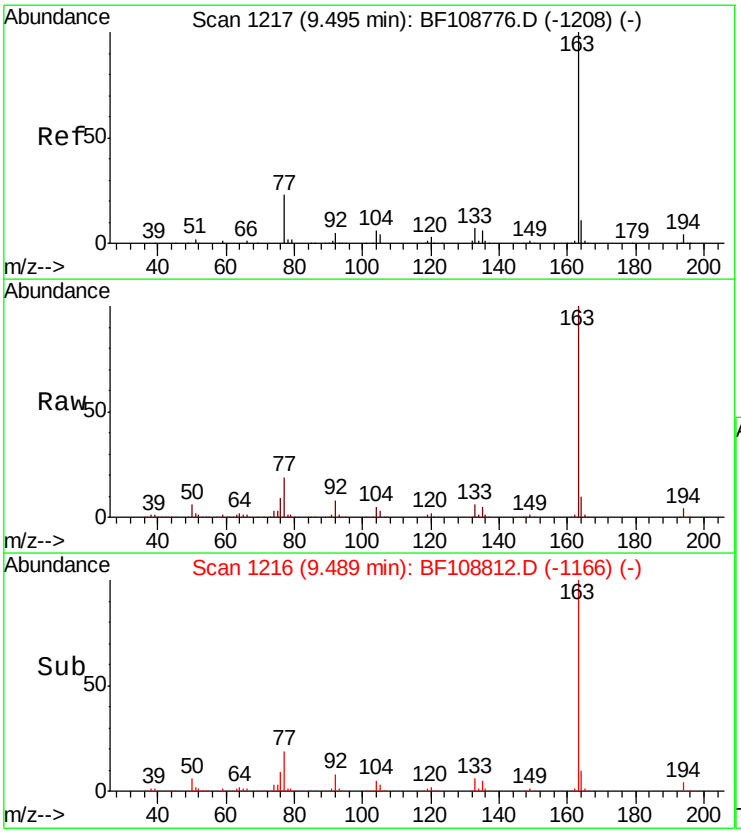
#44
2-Fluorobiphenyl
Concen: 81.880 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2283416

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.1	19.6	29.4

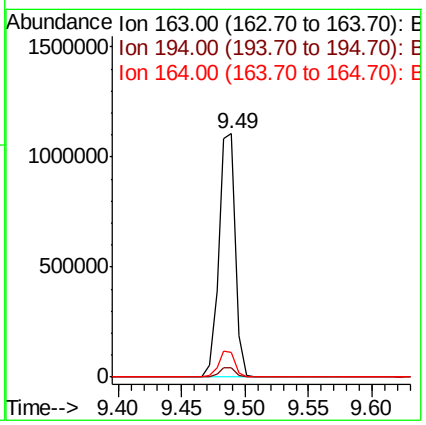


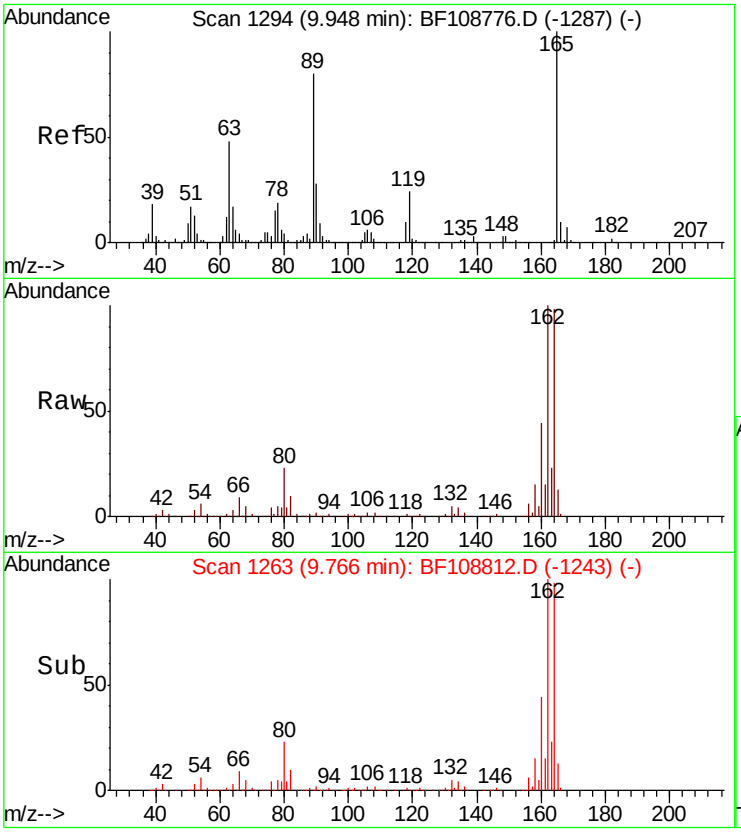


#49
Dimethylphthalate
Concen: 30.156 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:163 Resp: 1003464

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2



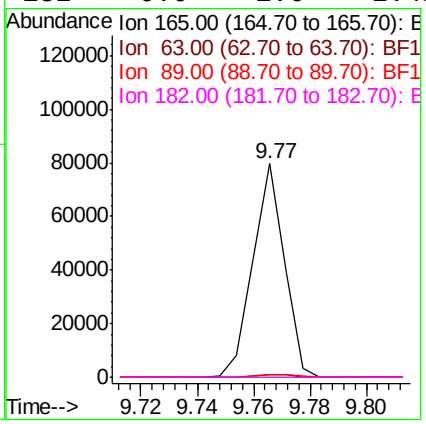


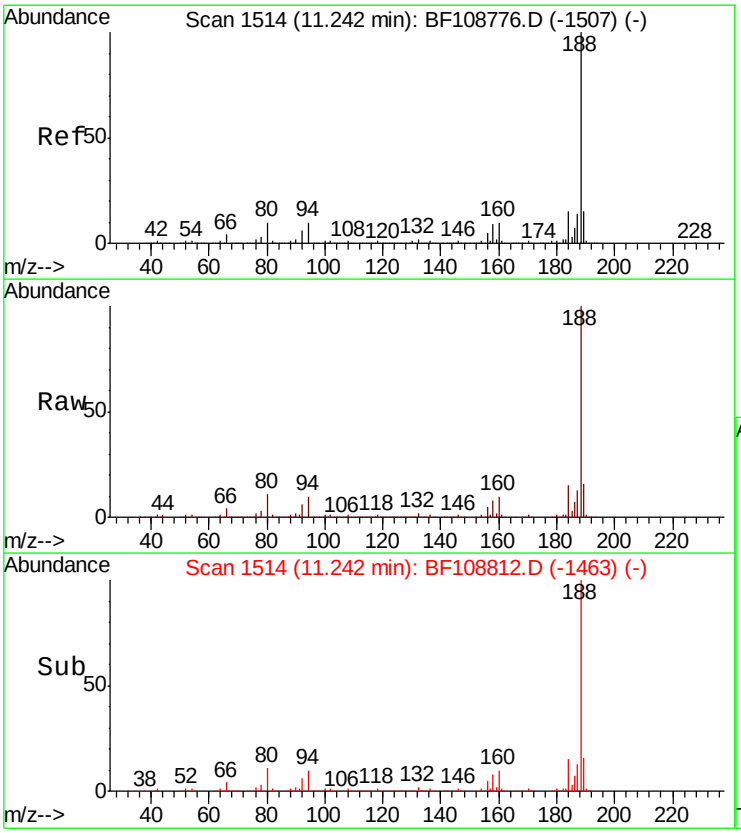
#56
2,4-Dinitrotoluene
Concen: 7.630 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 61868

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

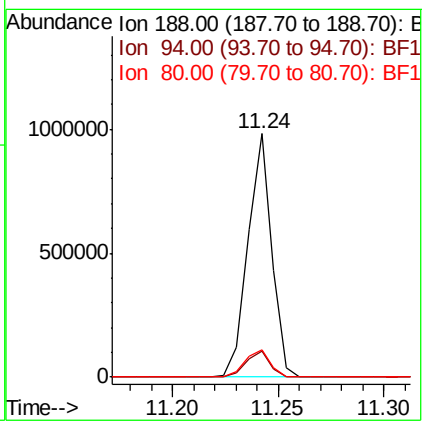


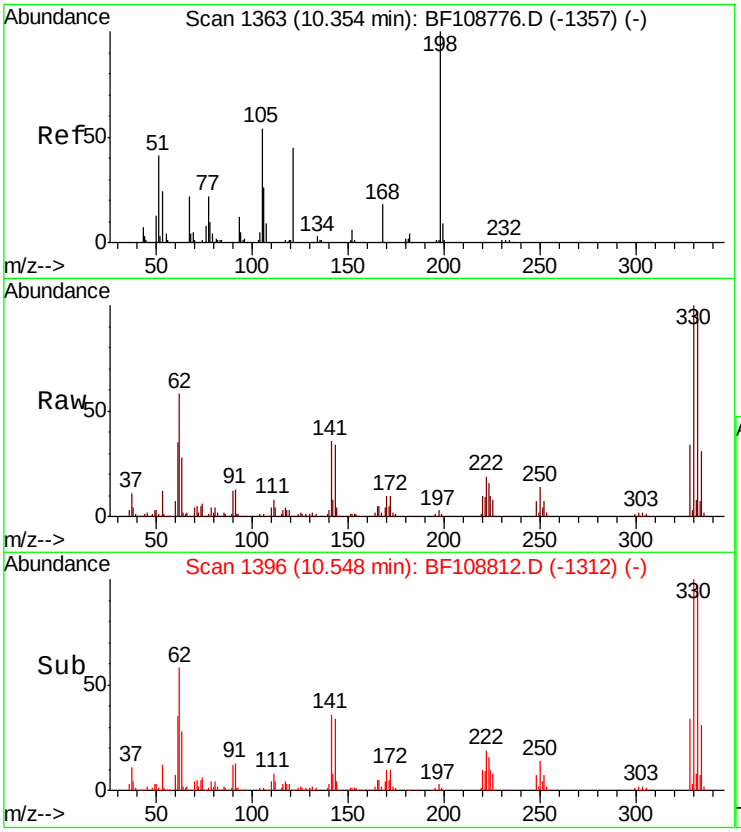


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:188 Resp: 770098

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8



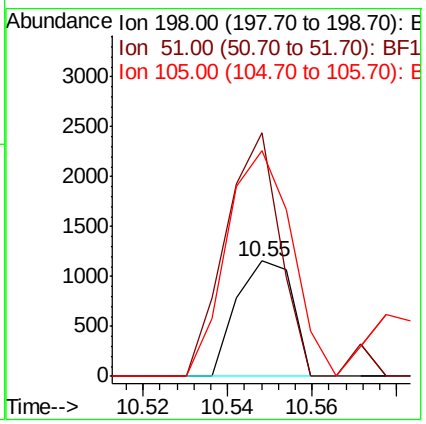


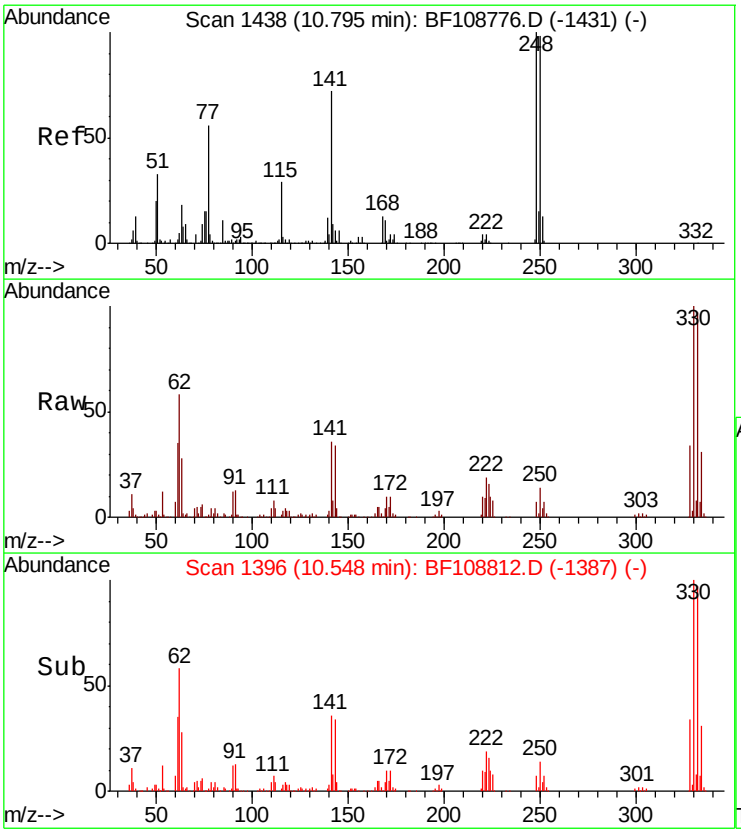
#64
4,6-Dinitro-2-methylphenol
Concen: 7.169 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1061

Ion	Ratio	Lower	Upper
198	100		
51	211.4	37.7	77.7#
105	195.6	36.3	76.3#

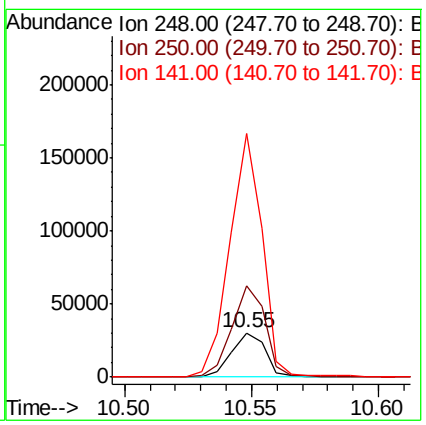


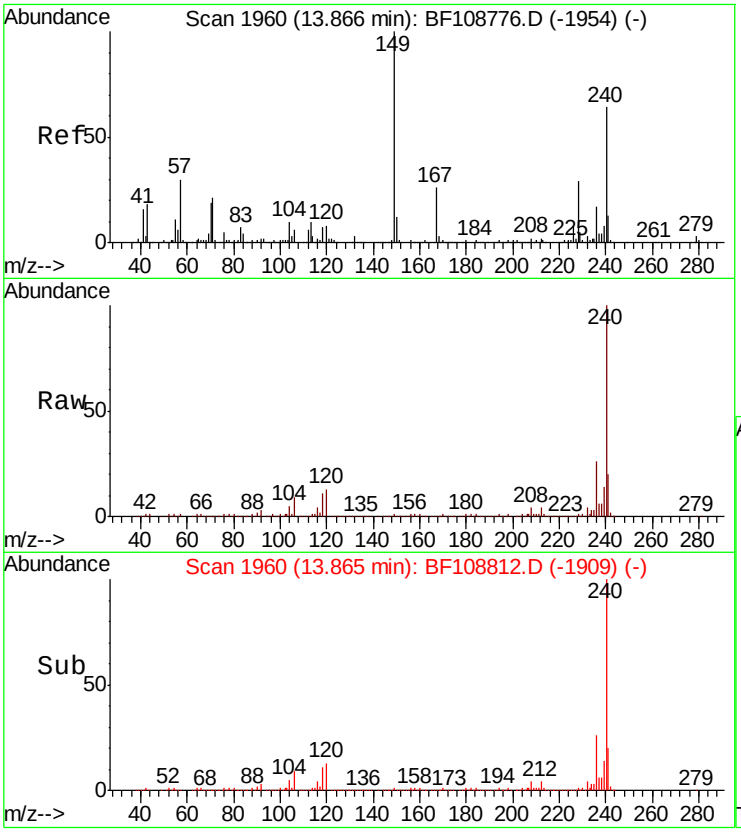


#66
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:248 Resp: 28334

Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.9	115.3#
141	546.4	74.4	111.6#



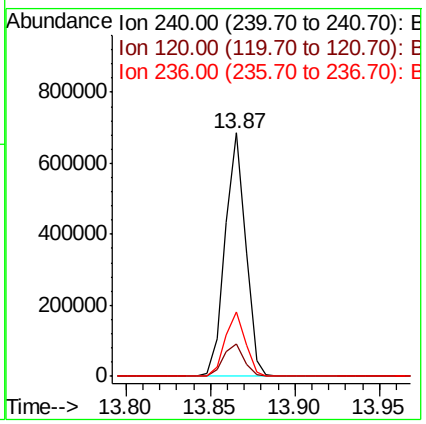


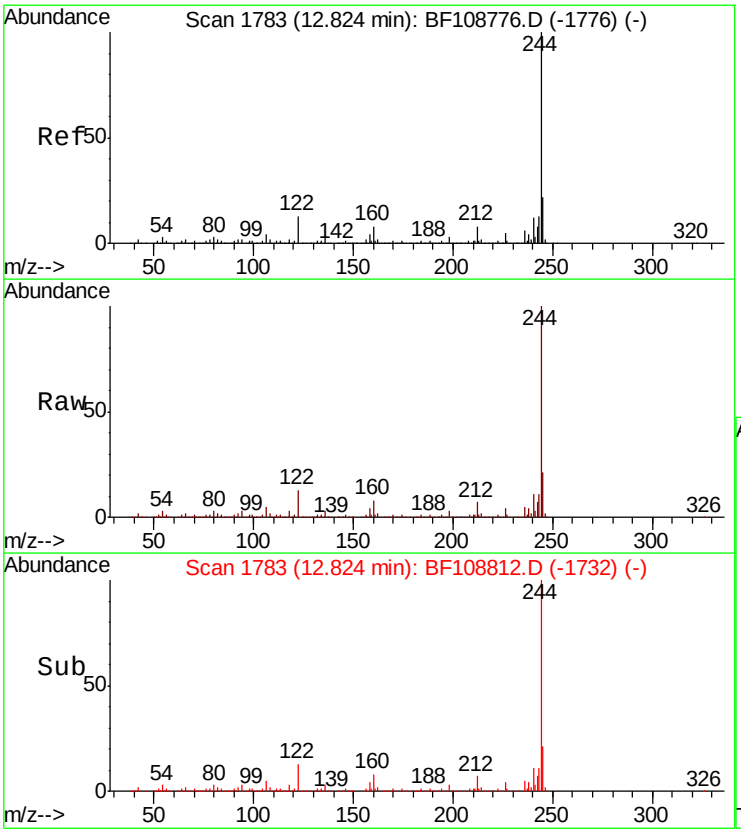
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 576022

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.2	20.7	31.1

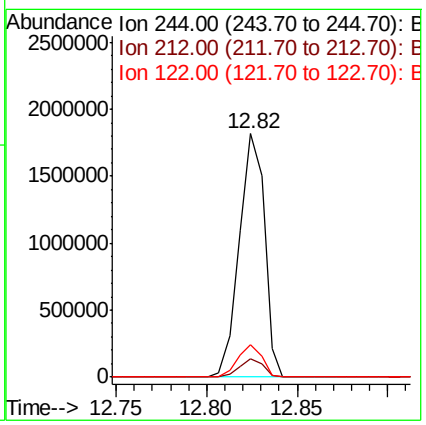


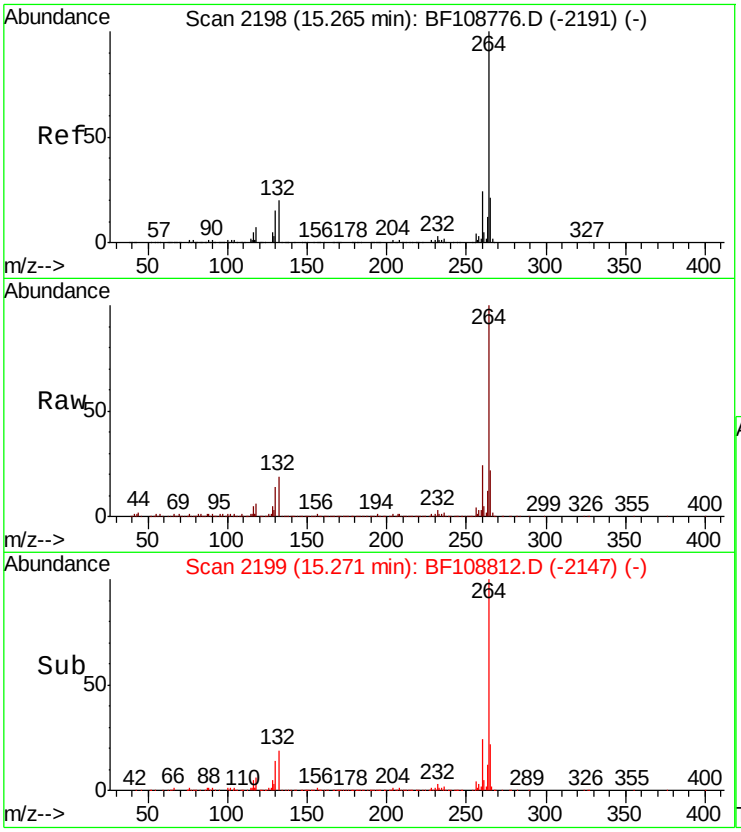


#78
Terphenyl-d14
Concen: 71.231 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108812.D
Acq: 6 Sep 2018 8:58

Tgt Ion:244 Resp: 1759526

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	13.4	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: BF108812.D
Acq: 6 Sep 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 597801

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3