Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108940.D
Acq On : 11 Sep 2018 17:30
Operator : JU/SJ
Sample : J4842-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 18:26:45 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	173874	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	643736	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	302357	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	552645	20.00	ng	0.00
75) Chrysene-d12	13.87	240	440606	20.00	ng	0.00
86) Perylene-d12	15.28	264	476063	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131649	12.54	ng	0.00
7) Phenol-d6	6.36	99	176570	13.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	110479	10.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	32626	11.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	166500	9.39	ng	0.00
78) Terphenyl-d14	12.82	244	129465	6.85	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.28	117	9799	2.050	ng	# 1
32) Benzoic acid	7.82	122	3795	4.703	ng	# 12
35) Caprolactam	8.46	113	35419	11.480	ng	# 52
49) Dimethylphthalate	9.48	163	57797	2.733	ng	# 88
53) 2,4-Dinitrophenol	9.99	184	2140	10.576	ng	# 76
55) 4-Nitrophenol	9.88	139	9243	2.577	ng	# 3
64) 4,6-Dinitro-2-methylphenol	10.34	198	886	7.218	ng	# 1
65) n-Nitrosodiphenylamine	10.43	169	37151	2.022	ng	# 44

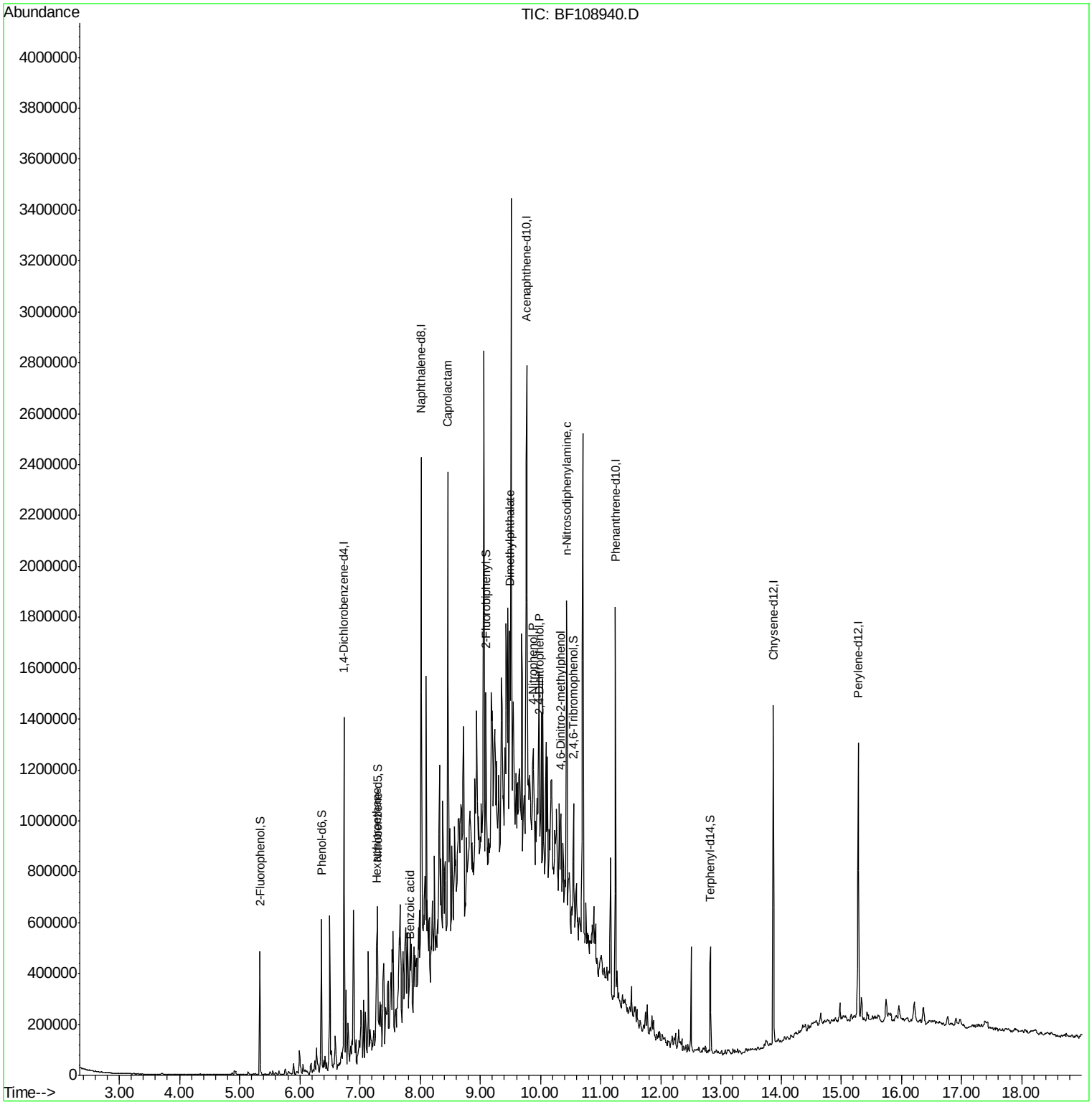
(#) = qualifier out of range (m) = manual integration (+) = signals summed

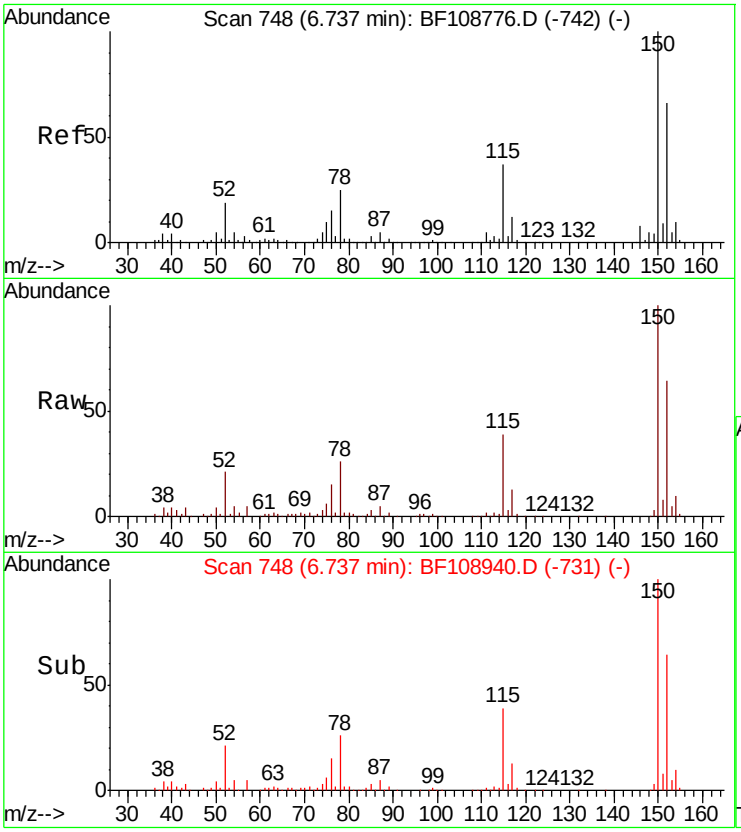
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108940.D
Acq On : 11 Sep 2018 17:30
Operator : JU/SJ
Sample : J4842-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 11 18:26:45 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



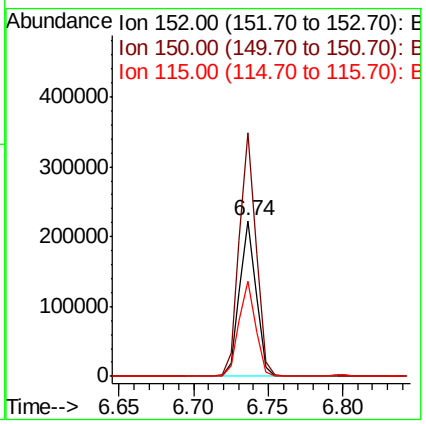


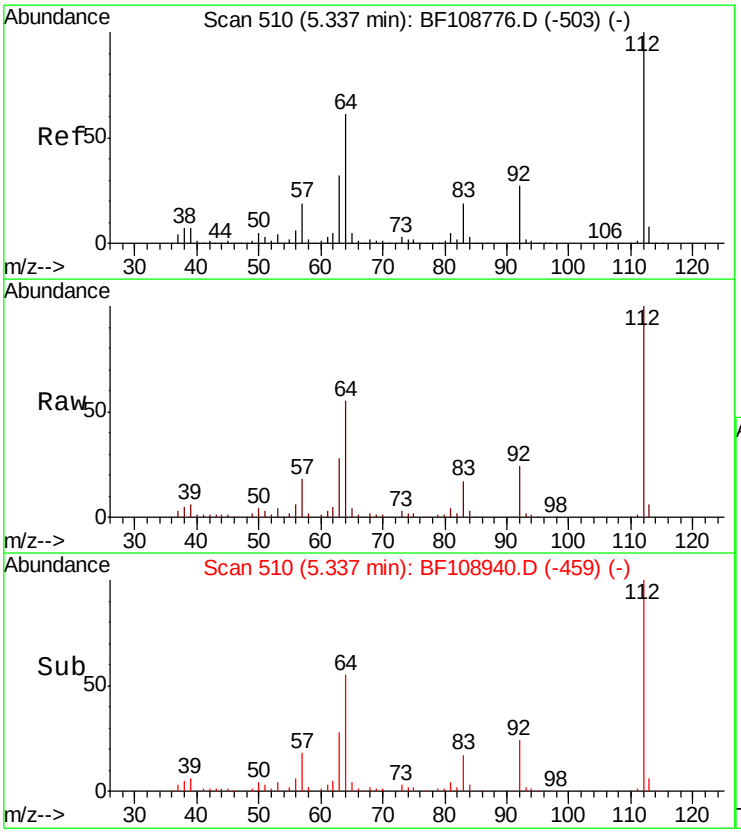
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173874

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	61.2	50.1	75.1

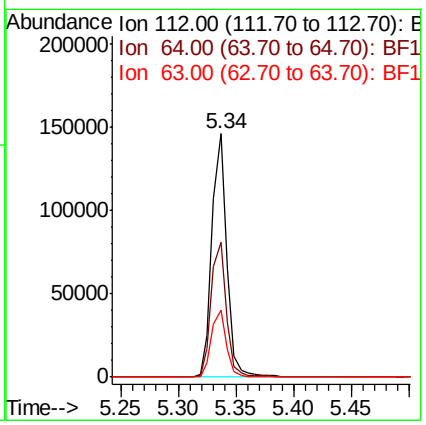


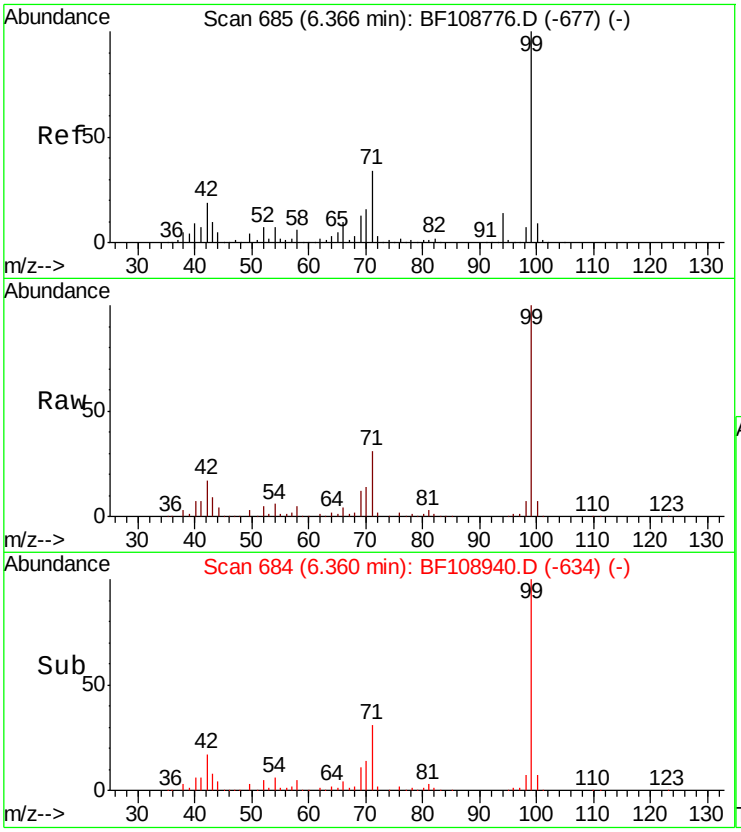


#5
2-Fluorophenol
Concen: 12.543 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:112 Resp: 131649

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	27.7	23.7	35.5



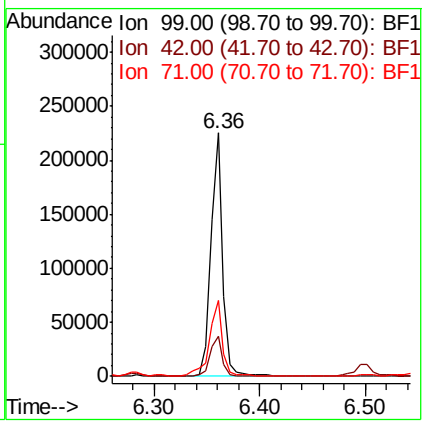


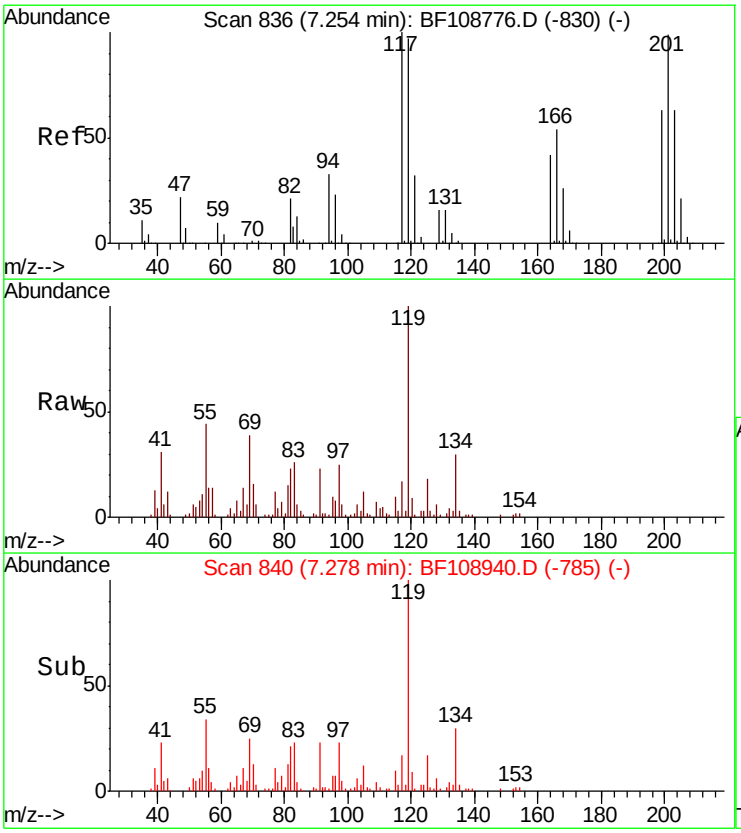
#7
Phenol-d6
Concen: 13.075 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 176570

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	31.4	25.4	38.0

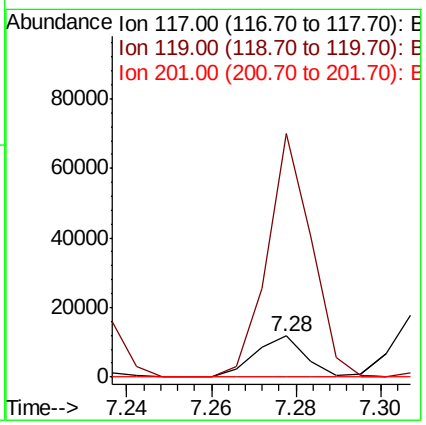


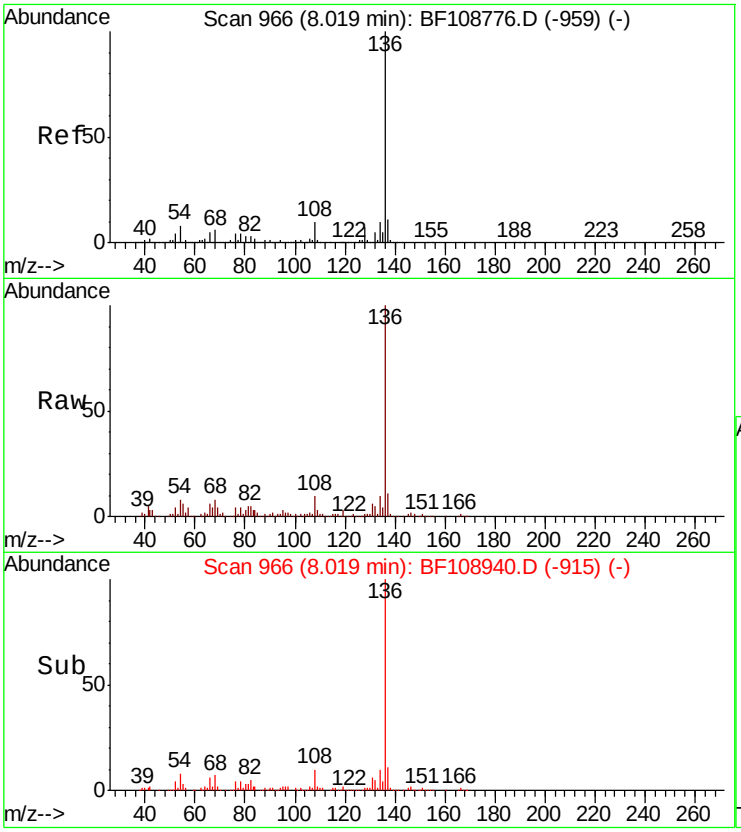


#18
Hexachloroethane
Concen: 2.050 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:117 Resp: 9799

Ion	Ratio	Lower	Upper
117	100		
119	594.3	75.8	113.8#
201	0.0	75.7	113.5#



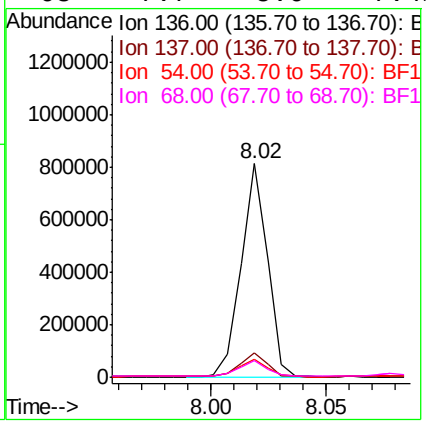


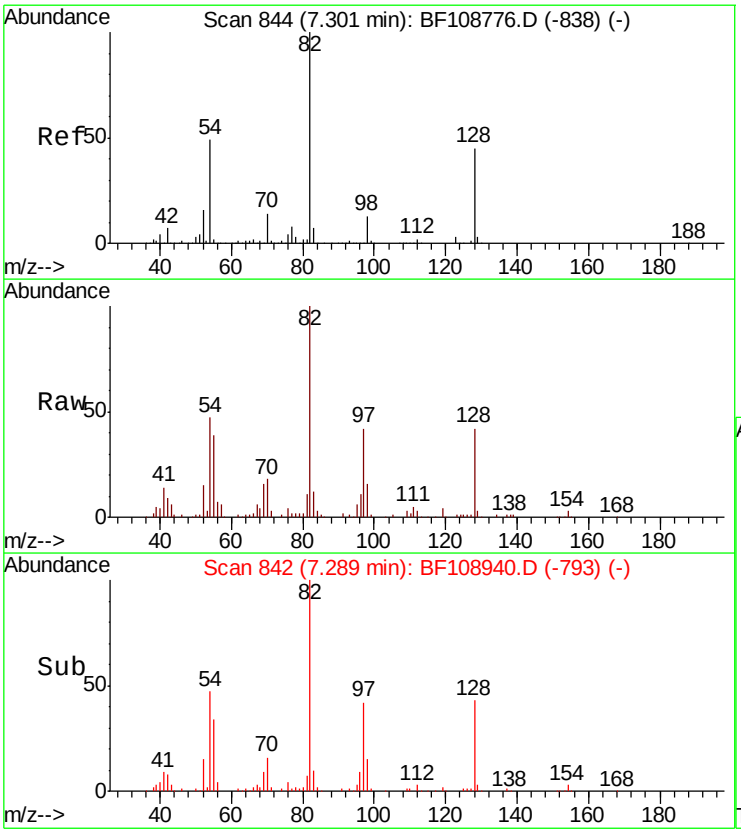
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 643736

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	6.6	9.8
68	7.7	5.0	7.4#

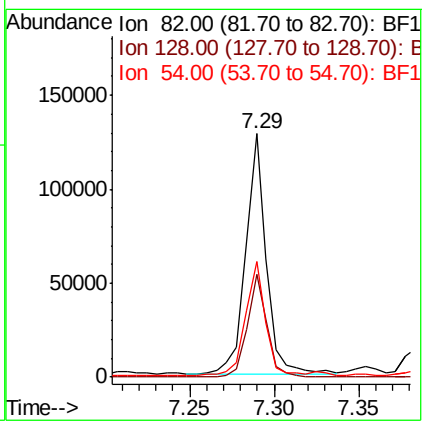


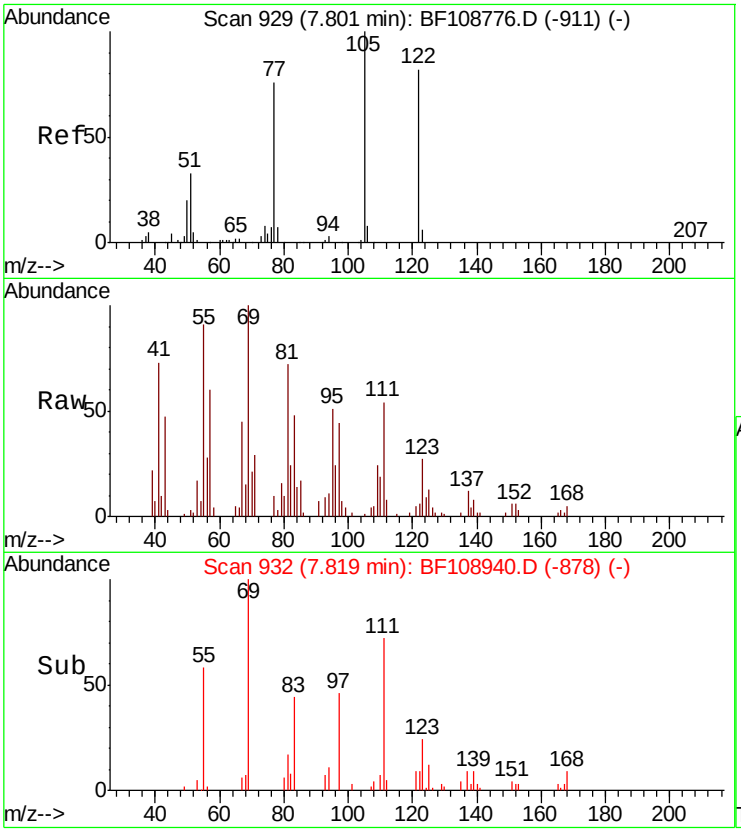


#23
Nitrobenzene-d5
Concen: 10.740 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion: 82 Resp: 110479

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	47.4	41.4	62.2



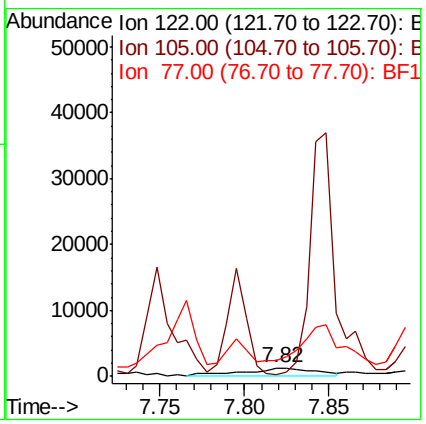


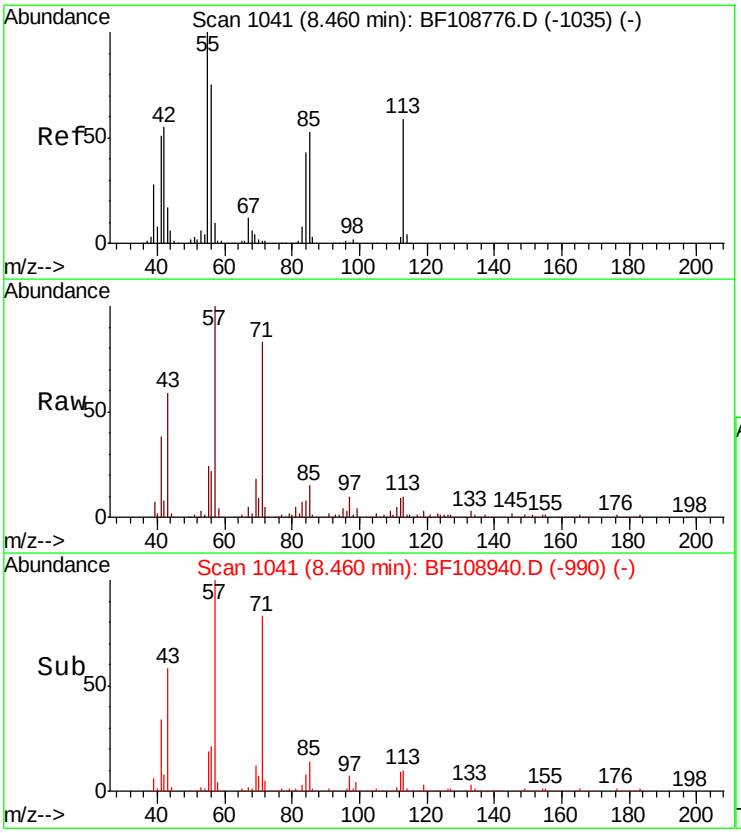
#32
Benzoic acid
Concen: 4.703 ng
RT: 7.82 min Scan# 932
Delta R.T. 0.02 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3795

Ion	Ratio	Lower	Upper
122	100		
105	24.3	101.1	141.1#
77	175.4	70.7	110.7#

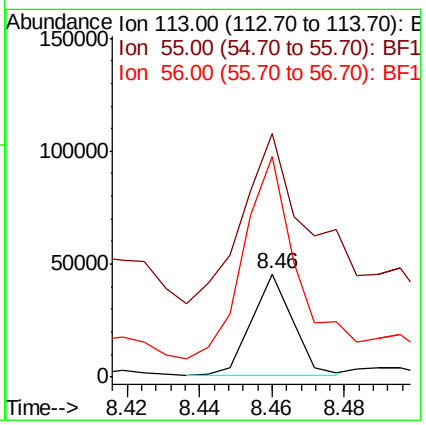


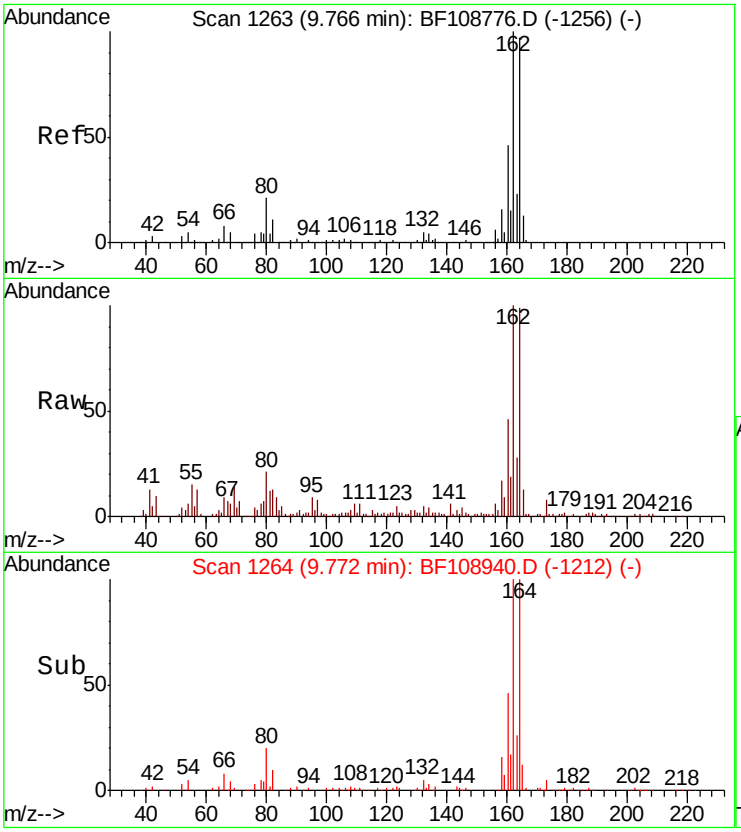


#35
Caprolactam
Concen: 11.480 ng
RT: 8.46 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:113 Resp: 35419

Ion	Ratio	Lower	Upper
113	100		
55	235.5	163.3	203.3#
56	213.0	115.7	155.7#



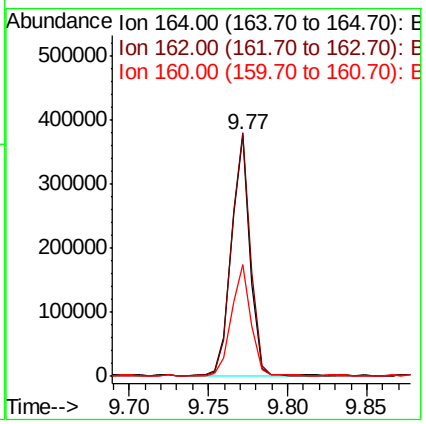


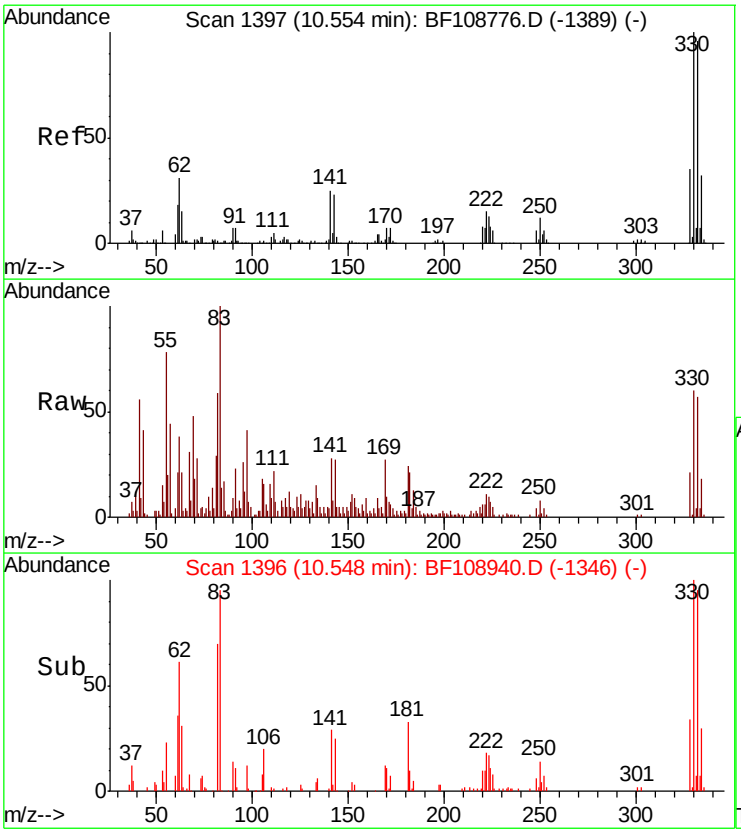
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 302357

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.5	38.3	57.5

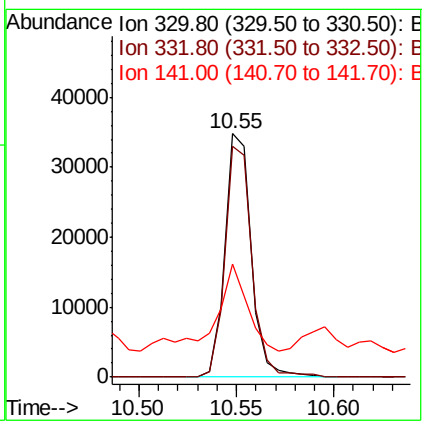


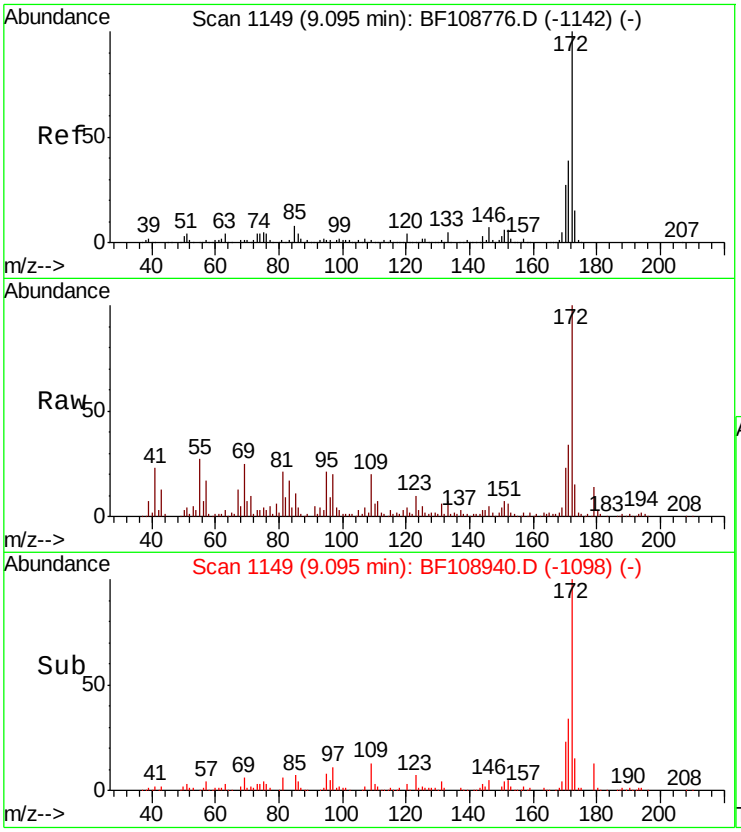


#41
2,4,6-Tribromophenol
Concen: 11.303 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:330 Resp: 32626

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	43.3	29.9	44.9



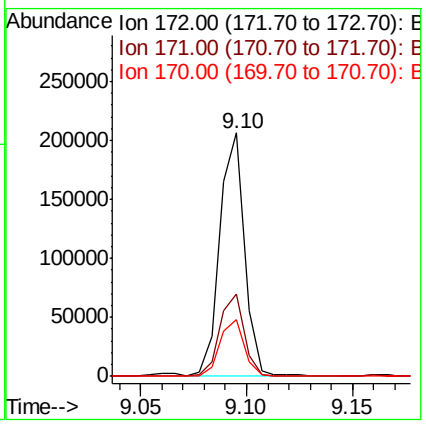


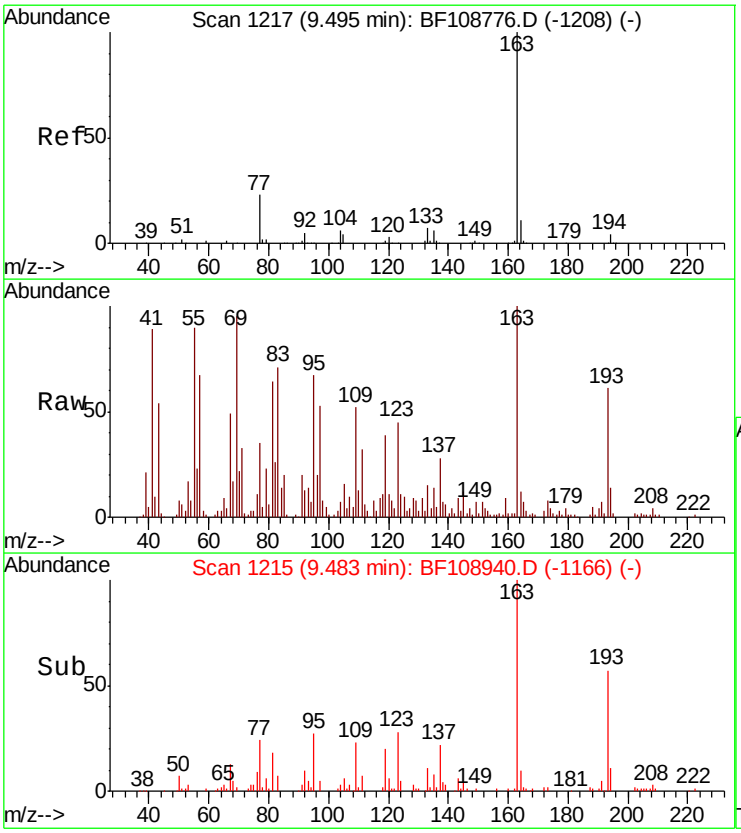
#44
2-Fluorobiphenyl
Concen: 9.394 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 166500

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.2	19.6	29.4

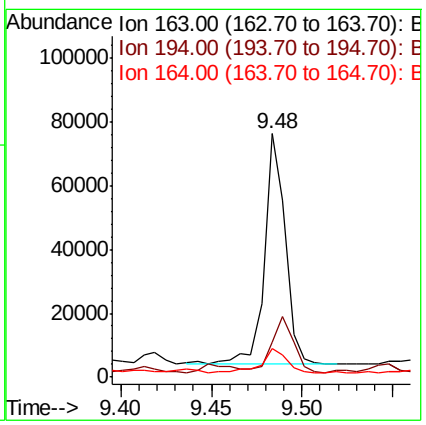


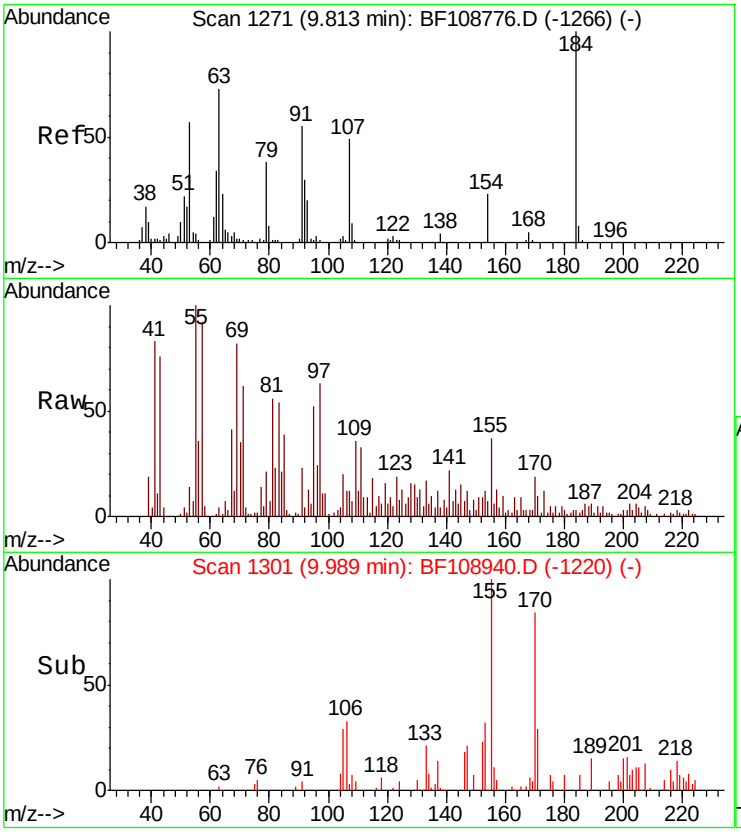


#49
Dimethylphthalate
Concen: 2.733 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:163 Resp: 57797

Ion	Ratio	Lower	Upper
163	100		
194	14.5	2.7	4.1#
164	11.9	8.2	12.2



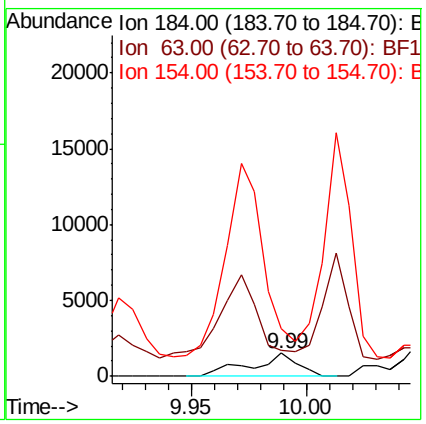


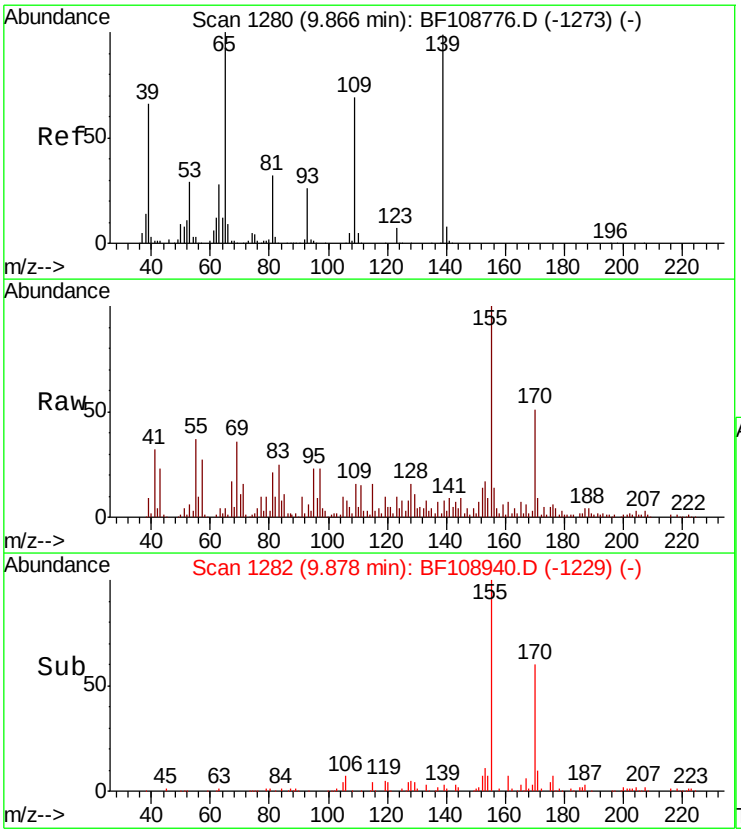
#53
2,4-Dinitrophenol
Concen: 10.576 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.18 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 2140

Ion	Ratio	Lower	Upper
184	100		
63	114.0	54.2	81.2#
154	205.8	184.0	276.0

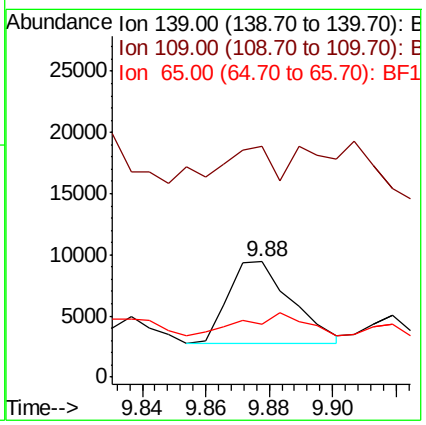


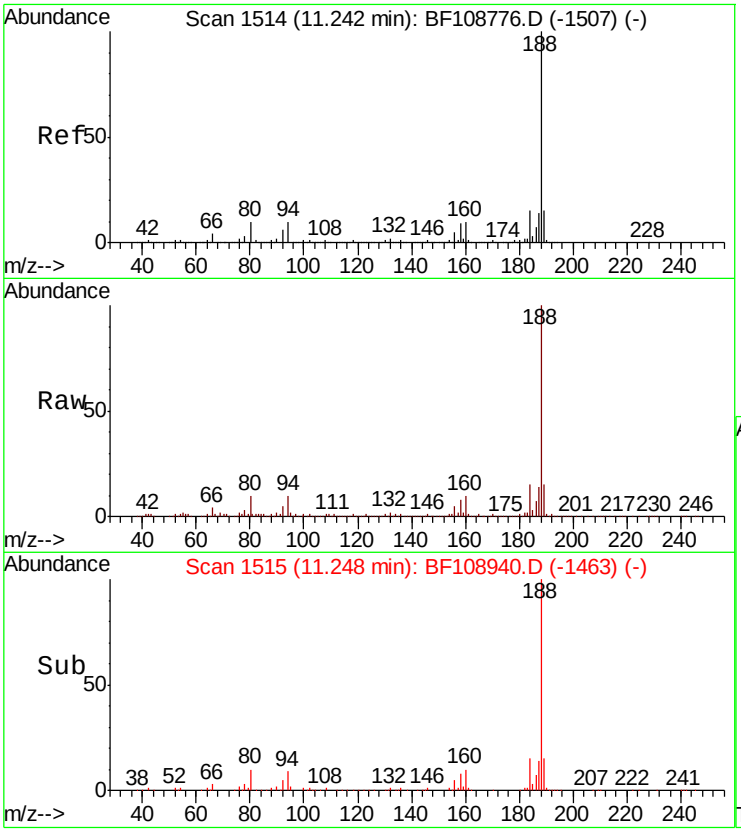


#55
4-Nitrophenol
Concen: 2.577 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:139 Resp: 9243

Ion	Ratio	Lower	Upper
139	100		
109	200.0	48.4	88.4#
65	46.3	72.6	112.6#



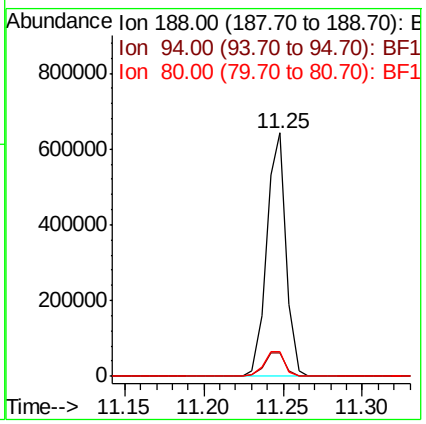


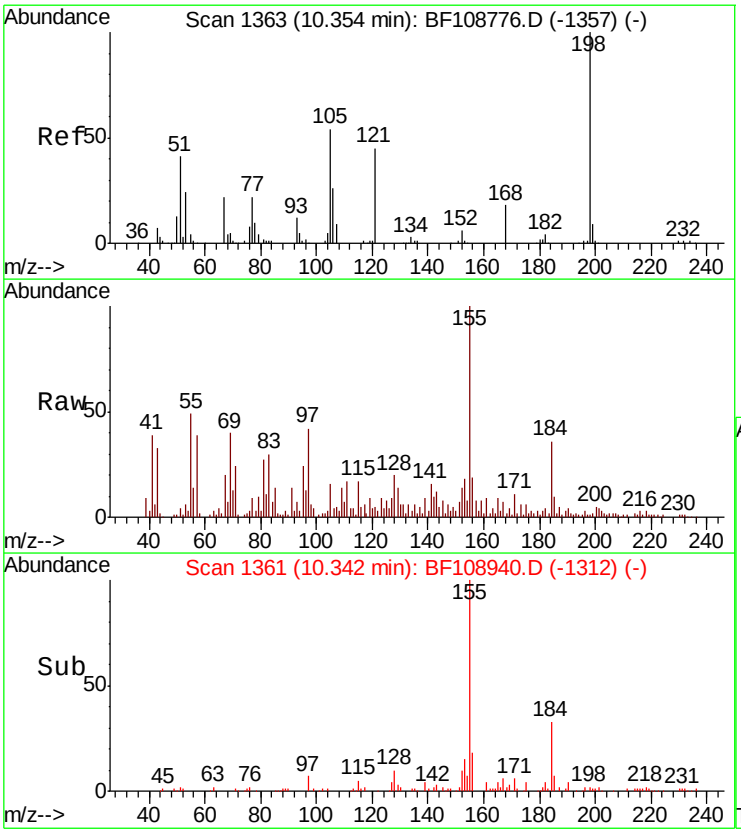
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 552645

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.3	9.2	13.8

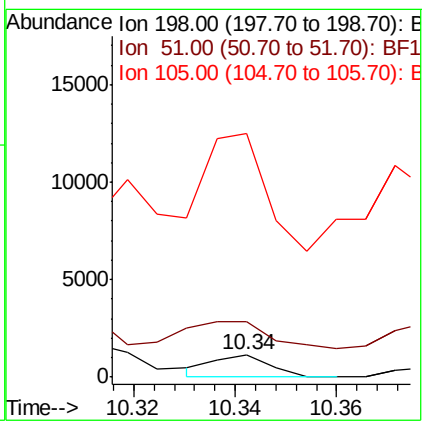


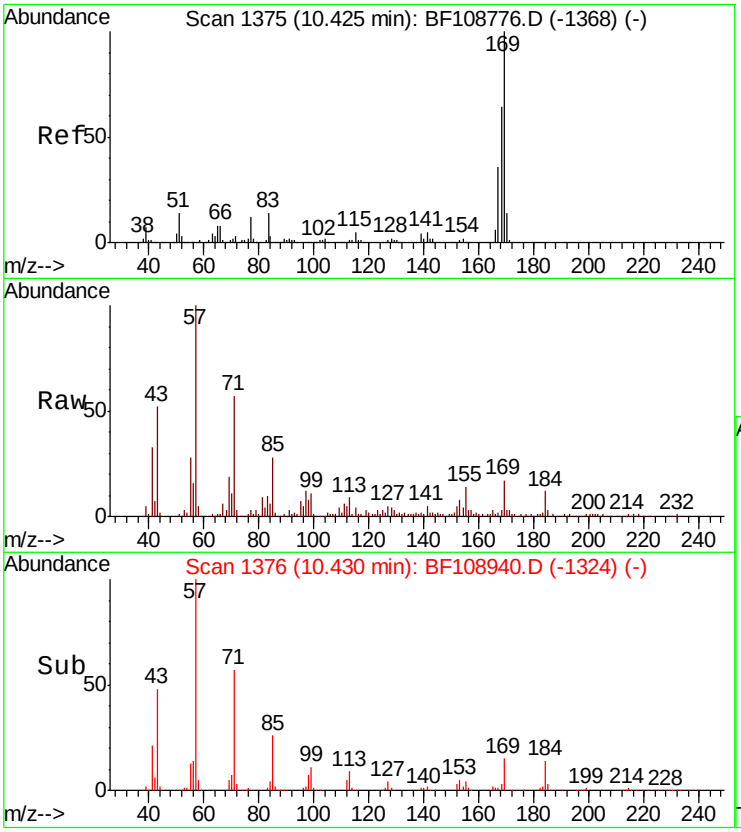


#64
4,6-Dinitro-2-methylphenol
Concen: 7.218 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:198 Resp: 886

Ion	Ratio	Lower	Upper
198	100		
51	248.9	37.7	77.7#
105	1099.5	36.3	76.3#



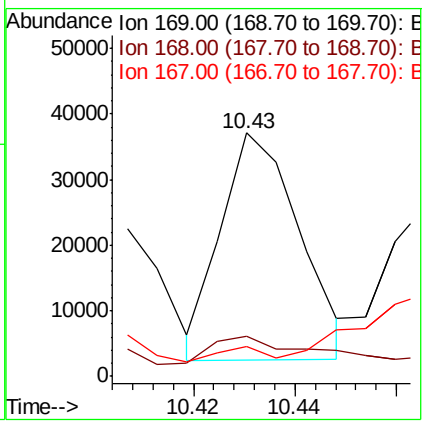


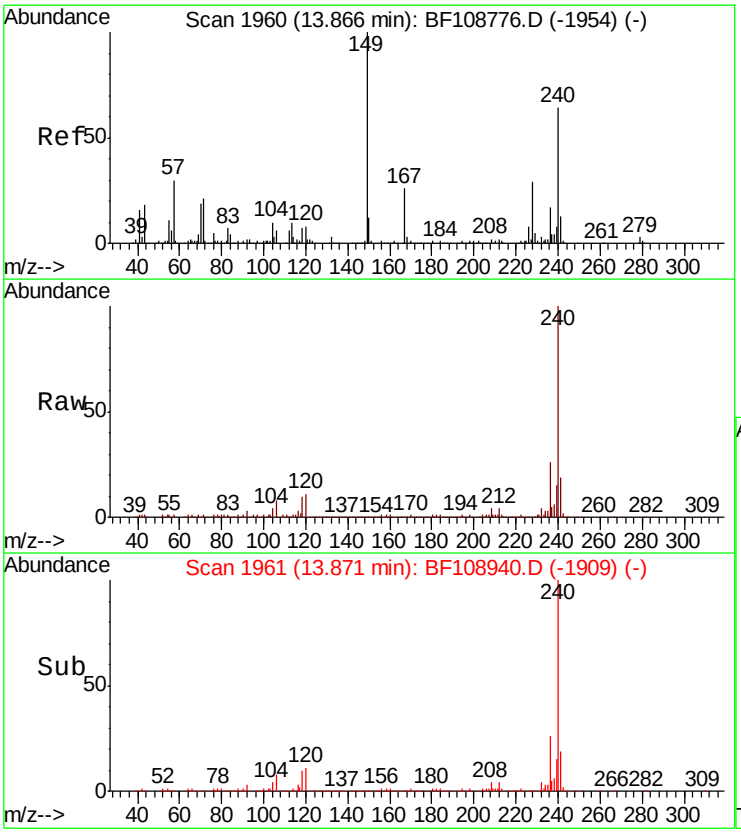
#65
n-Nitrosodiphenylamine
Concen: 2.022 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 37151

Ion	Ratio	Lower	Upper
169	100		
168	16.2	54.4	81.6#
167	12.1	29.8	44.6#

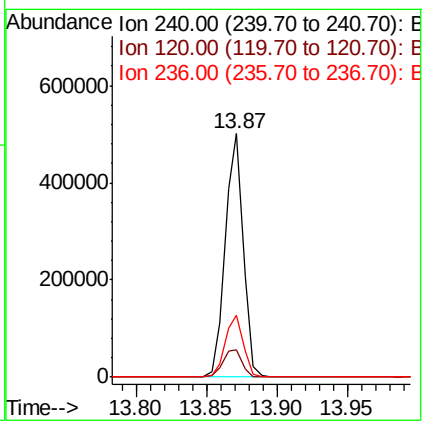


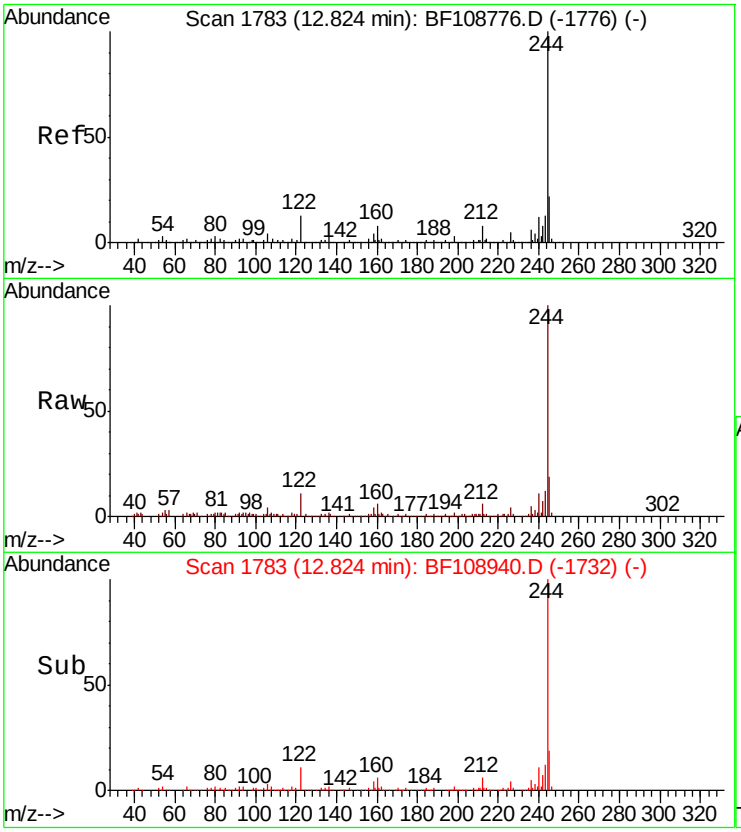


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:240 Resp: 440606

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.6	20.7	31.1



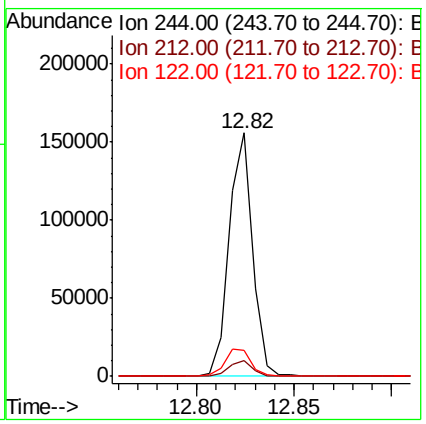


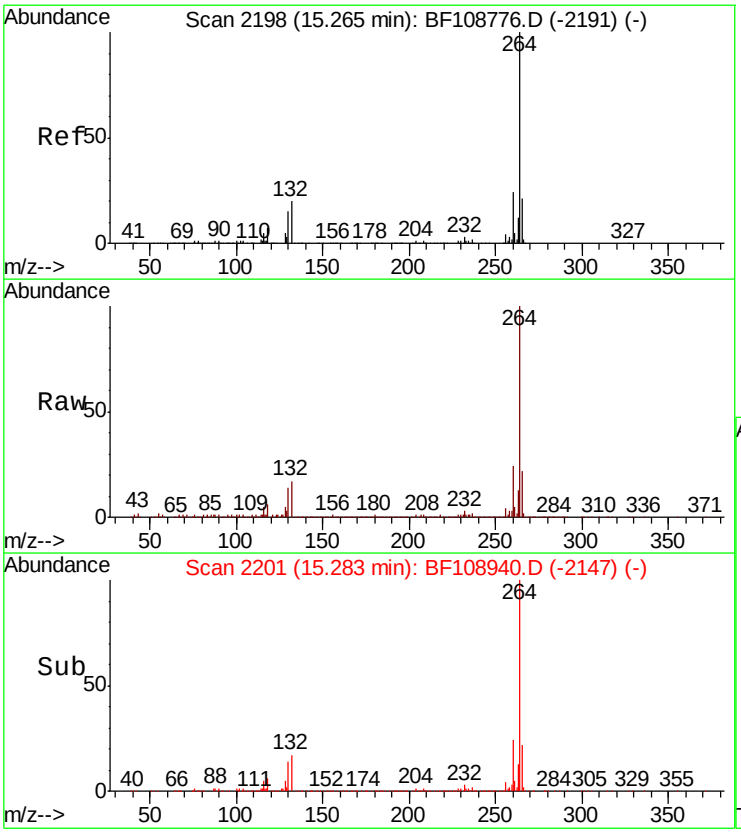
#78
Terphenyl-d14
Concen: 6.852 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 129465

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:264 Resp: 476063

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3