Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\

Quantitation Report (Not Reviewed)

Data File : BF108915.D
Acq On : 11 Sep 2018 1:44
Operator : JU/SJ
Sample : J4830-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 090618-SIDI-F-D-B

Quant Time: Sep 11 03:06:27 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	164780	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	570067	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	234596	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	379568	20.00	ng		0.00
75) Chrysene-d12	13.87	240	396088	20.00	ng		0.00
86) Perylene-d12	15.28	264	287285	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	456997	45.95	ng		0.01
7) Phenol-d6	6.37	99	388781	30.38	ng		0.00
23) Nitrobenzene-d5	7.30	82	986929	108.34	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	195588	87.33	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1588432	115.51	ng		0.00
78) Terphenyl-d14	12.83	244	1341267	78.96	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	132290	14.871	ng	#	76
25) Isophorone	7.30	82	982388	54.066	ng	#	64
32) Benzoic acid	7.67	122	143	4.046	ng	#	1
49) Dimethylphthalate	9.48	163	94355	5.750	ng		100
50) 2,6-Dinitrotoluene	9.77	165	29726	9.507	ng	#	26
56) 2,4-Dinitrotoluene	9.77	165	29726	7.434	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.55	198	277	7.027	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	11958	2.789	ng	#	1

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

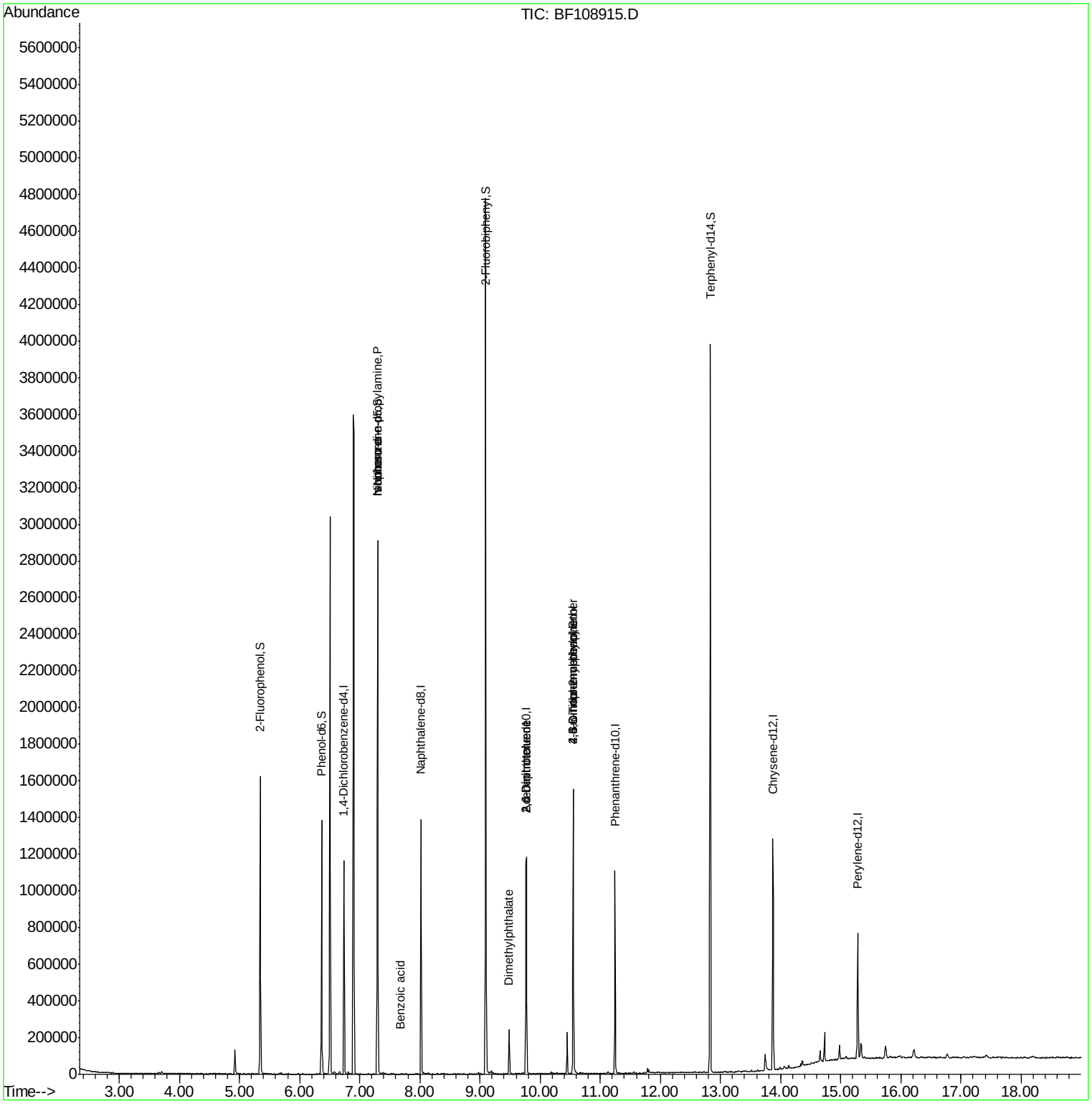
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\

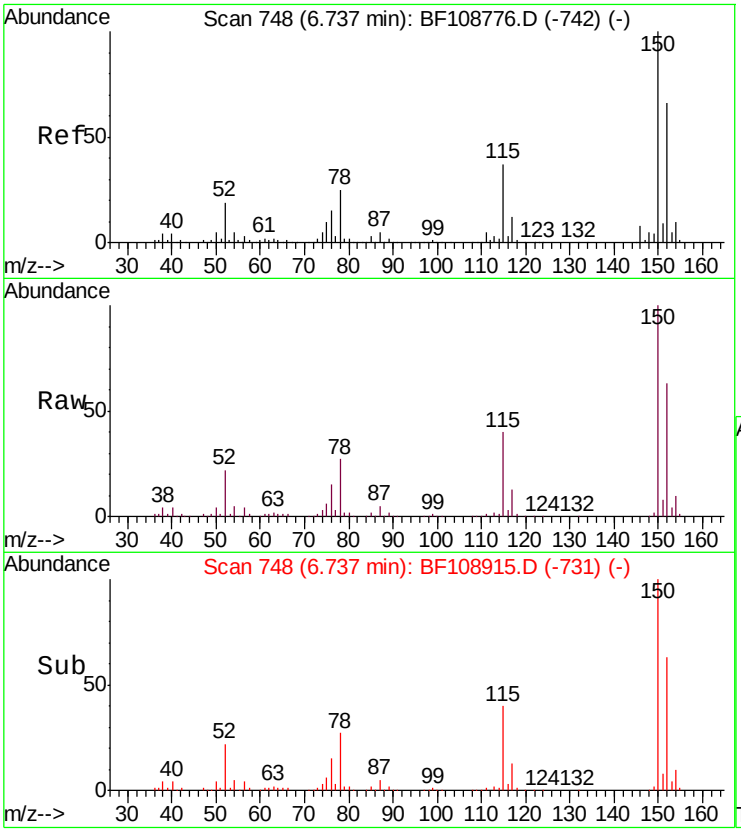
Quantitation Report (Not Reviewed)

Data File : BF108915.D
Acq On : 11 Sep 2018 1:44
Operator : JU/SJ
Sample : J4830-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Quant Time: Sep 11 03:06:27 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



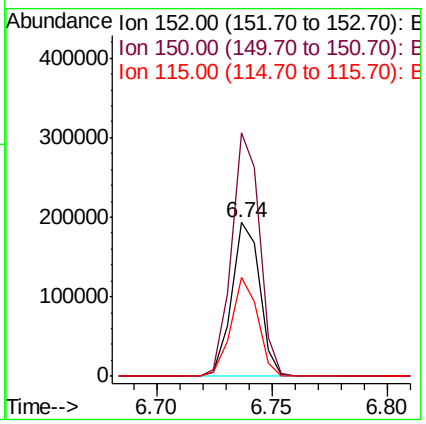


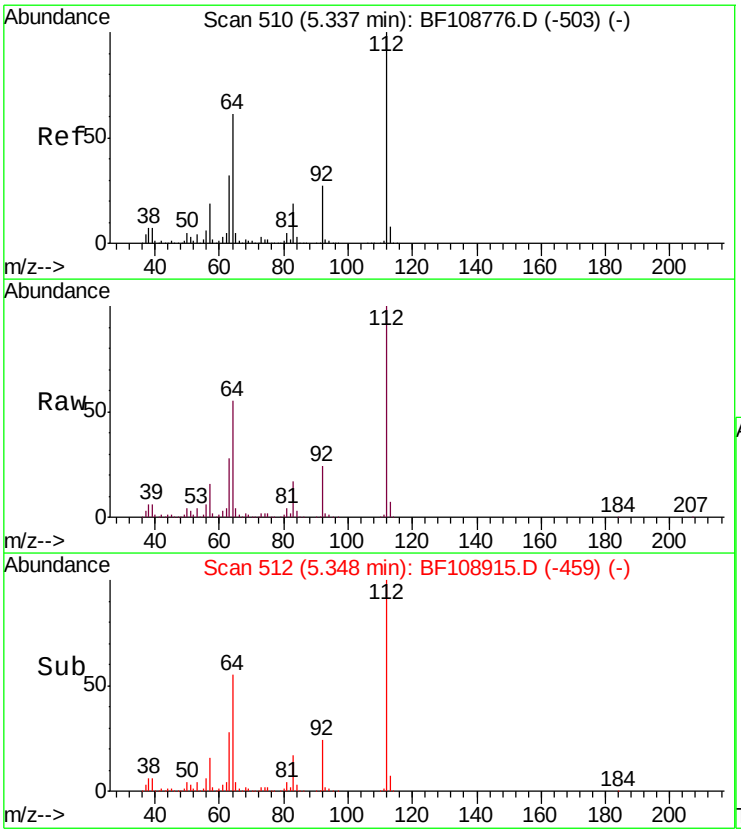
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:152 Resp: 164780

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	64.0	50.1	75.1

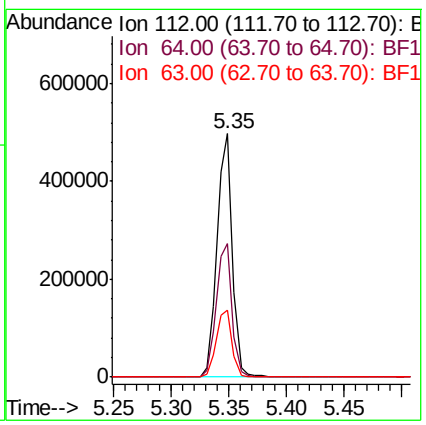


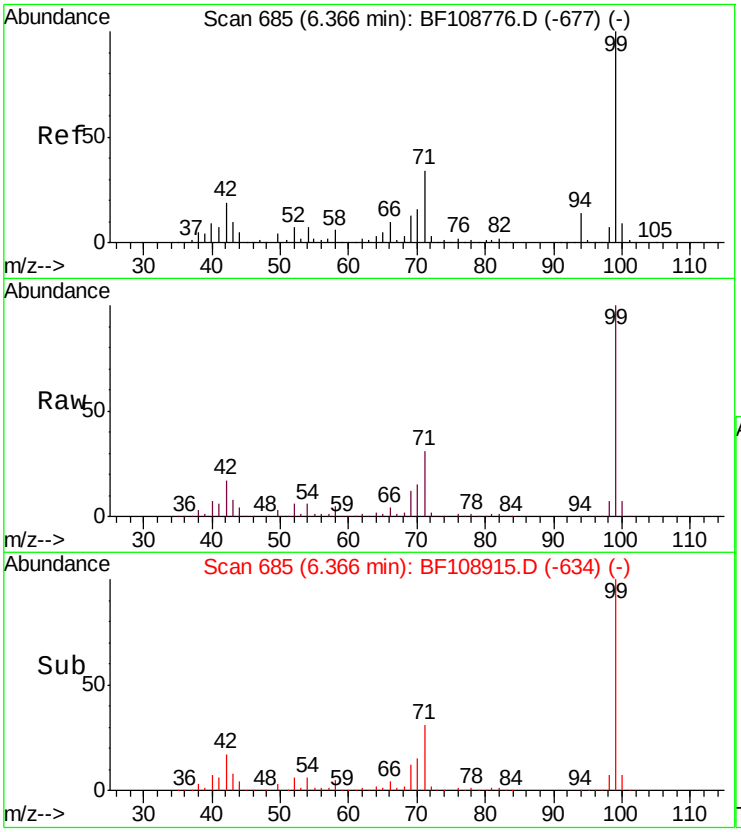


#5
2-Fluorophenol
Concen: 45.946 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:112 Resp: 456997

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.7	23.7	35.5



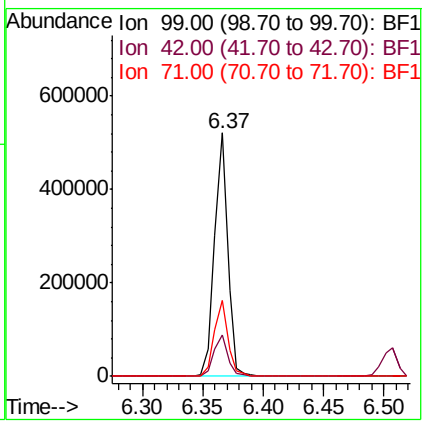


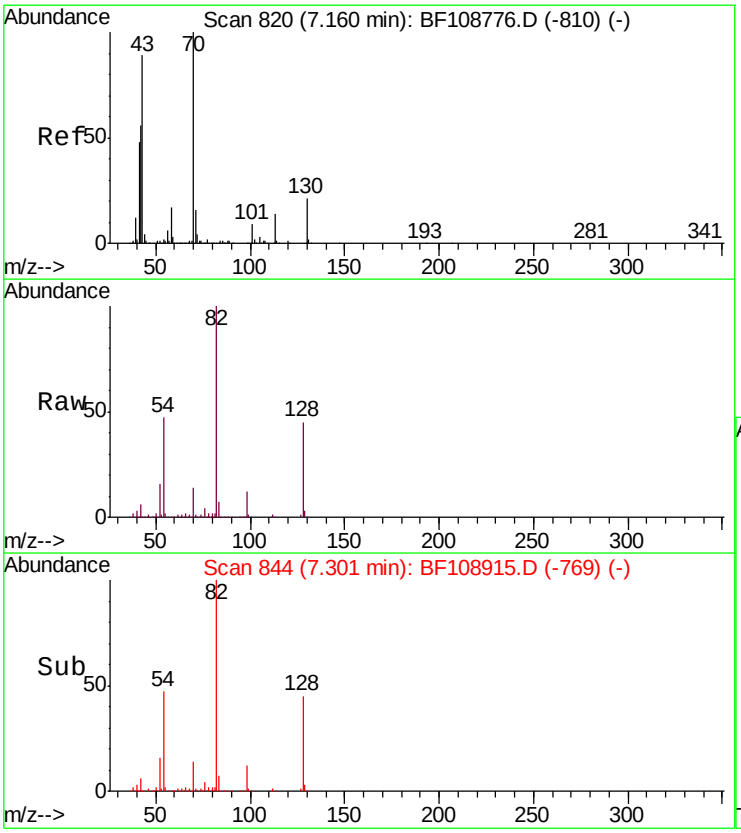
#7
Phenol-d6
Concen: 30.379 ng
RT: 6.37 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion: 99 Resp: 388781

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	31.2	25.4	38.0

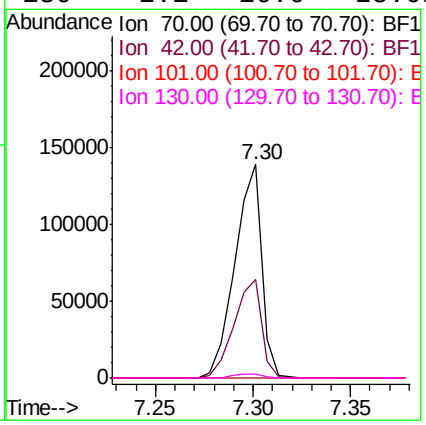


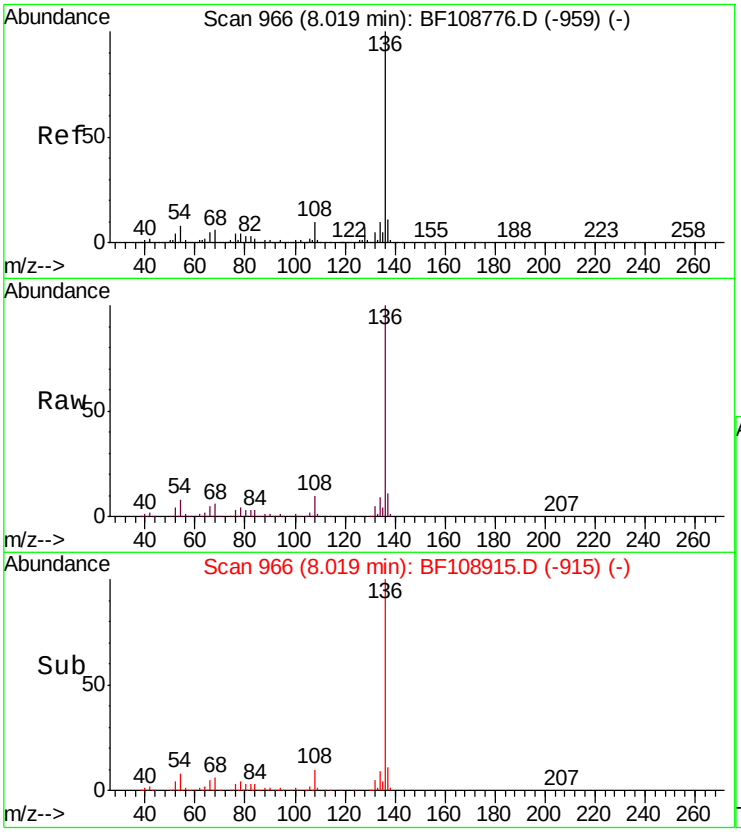


#19
n-Nitroso-di-n-propylamine
Concen: 14.871 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.14 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion: 70 Resp: 132290

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



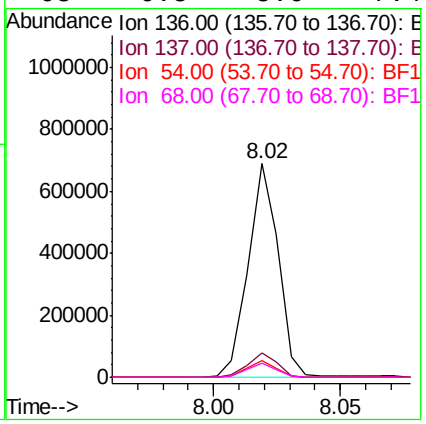


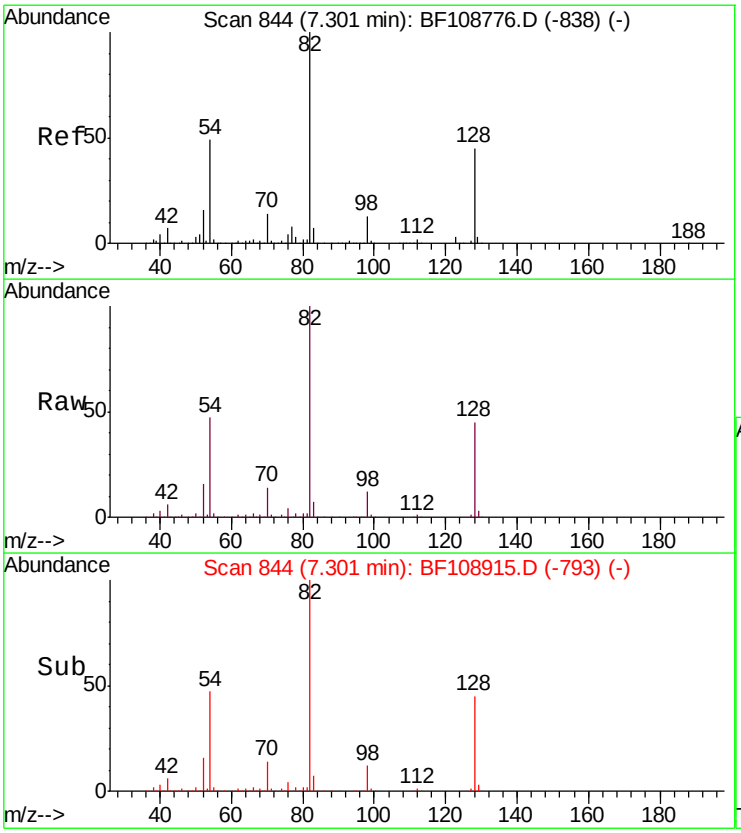
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:136 Resp: 570067

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.5	5.0	7.4

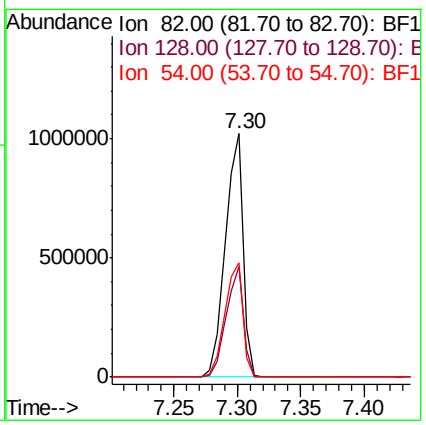


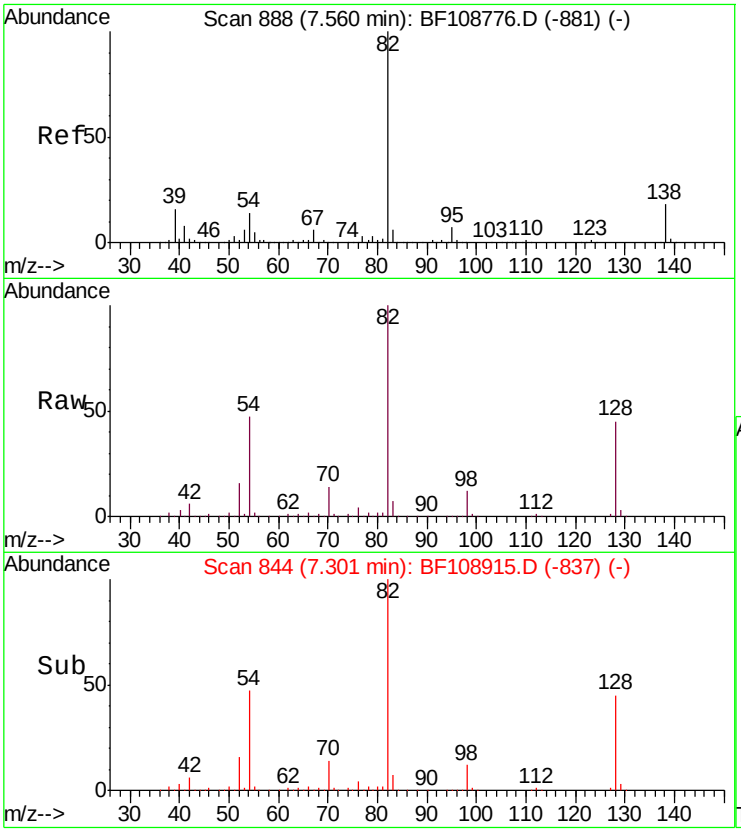


#23
Nitrobenzene-d5
Concen: 108.343 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion: 82 Resp: 986929

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.1	41.4	62.2



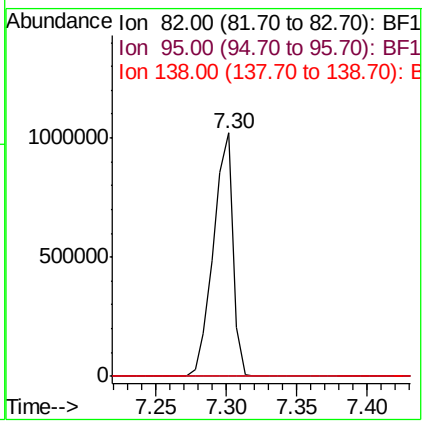


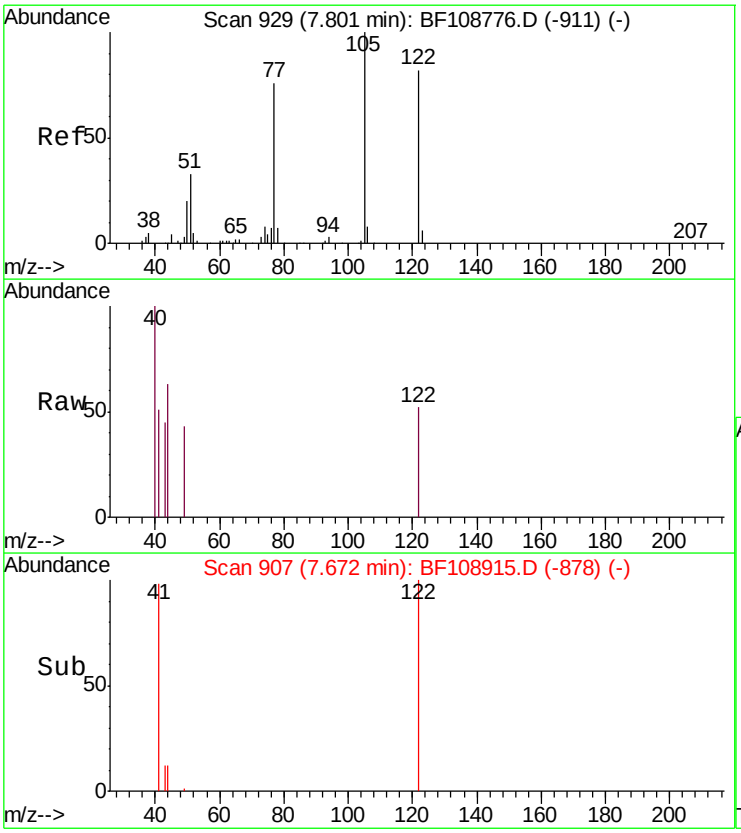
#25
Isophorone
Concen: 54.066 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.26 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion: 82 Resp: 982388

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

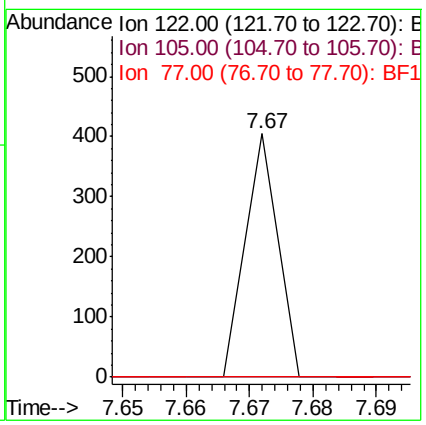


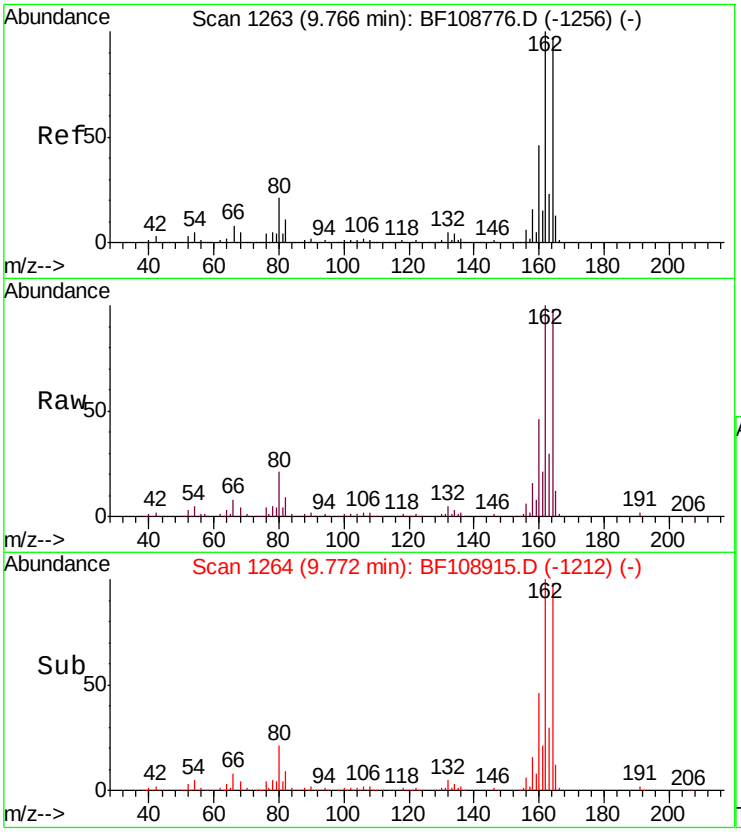


#32
Benzoic acid
Concen: 4.046 ng
RT: 7.67 min Scan# 907
Delta R.T. -0.13 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:122 Resp: 143

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



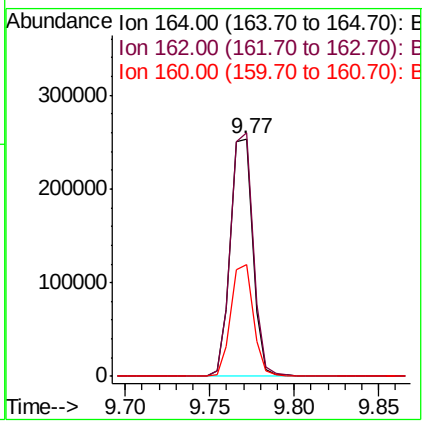


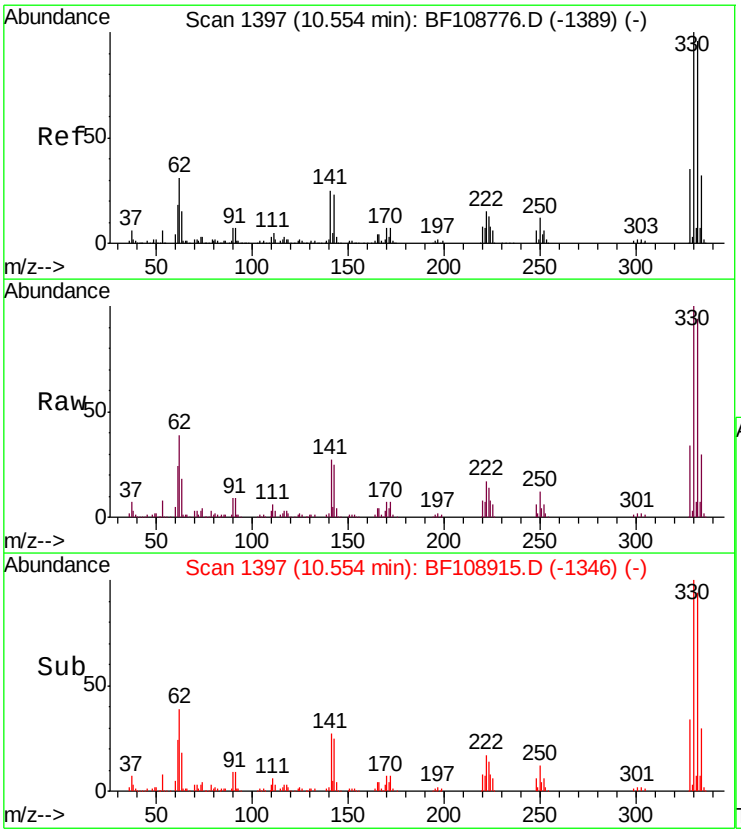
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:164 Resp: 234596

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.1	38.3	57.5

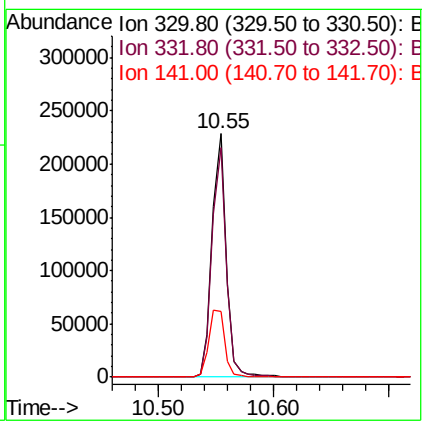


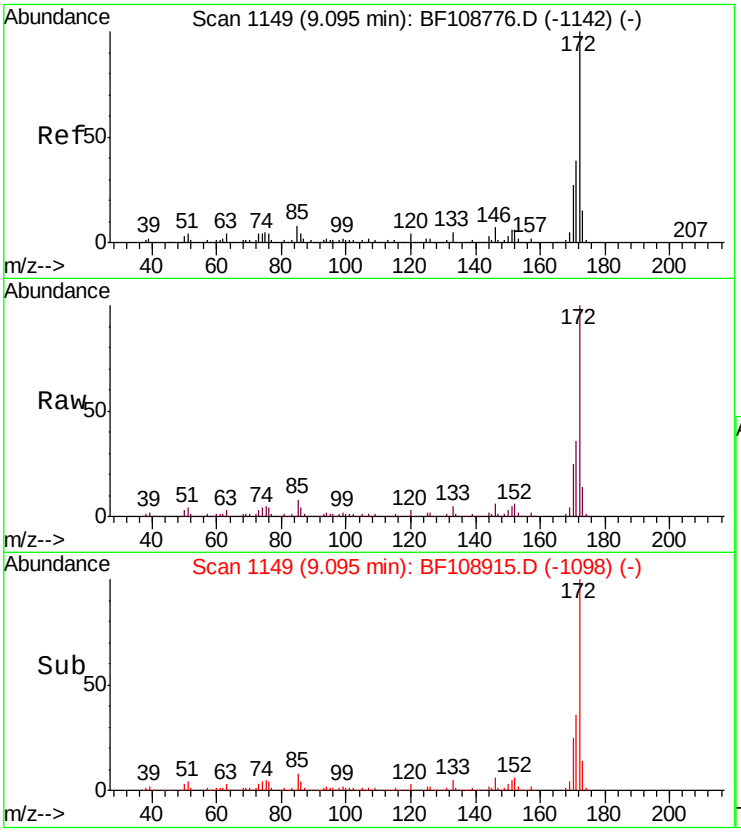


#41
2,4,6-Tribromophenol
Concen: 87.333 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:330 Resp: 195588

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.3	29.9	44.9



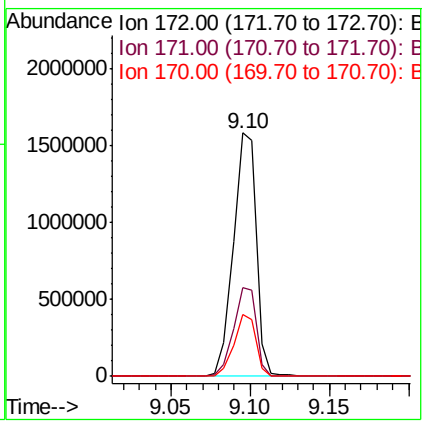


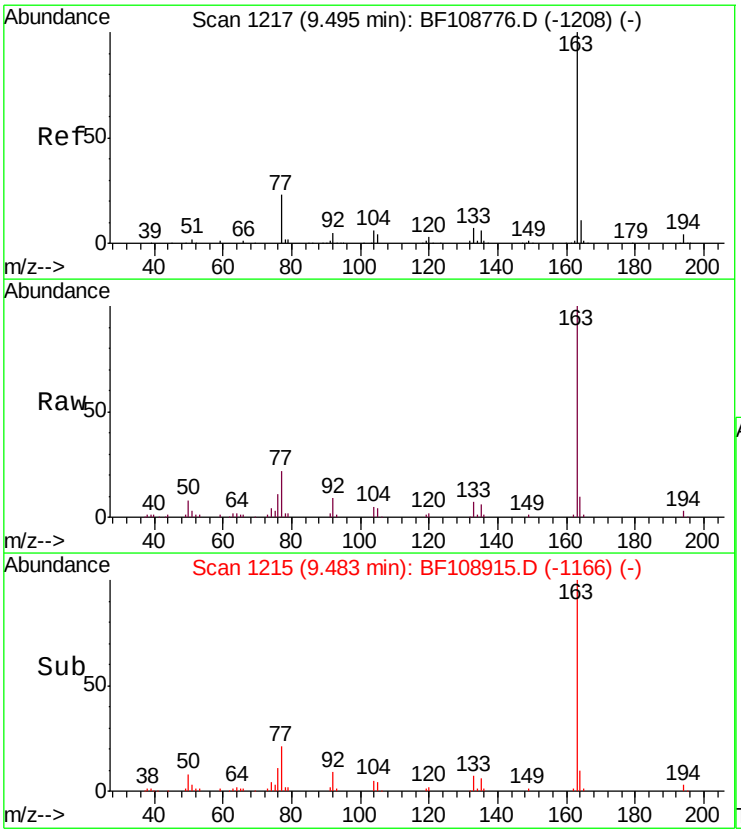
#44
2-Fluorobiphenyl
Concen: 115.511 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:172 Resp: 1588432

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.3	19.6	29.4

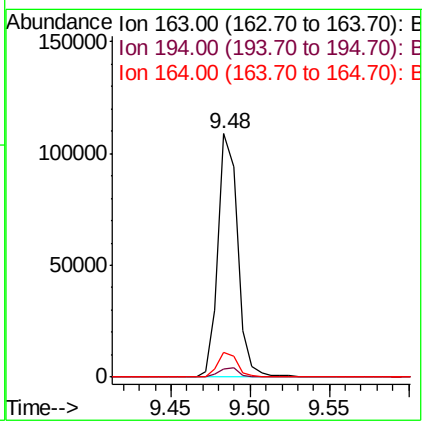


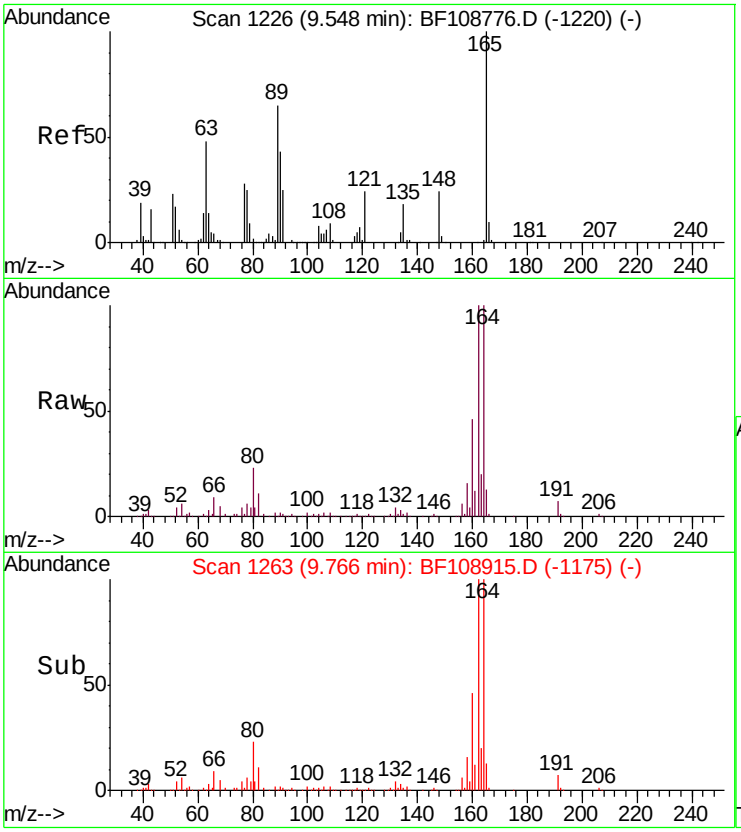


#49
Dimethylphthalate
Concen: 5.750 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:163 Resp: 94355

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2



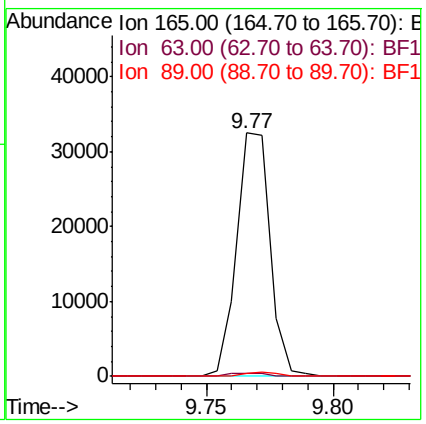


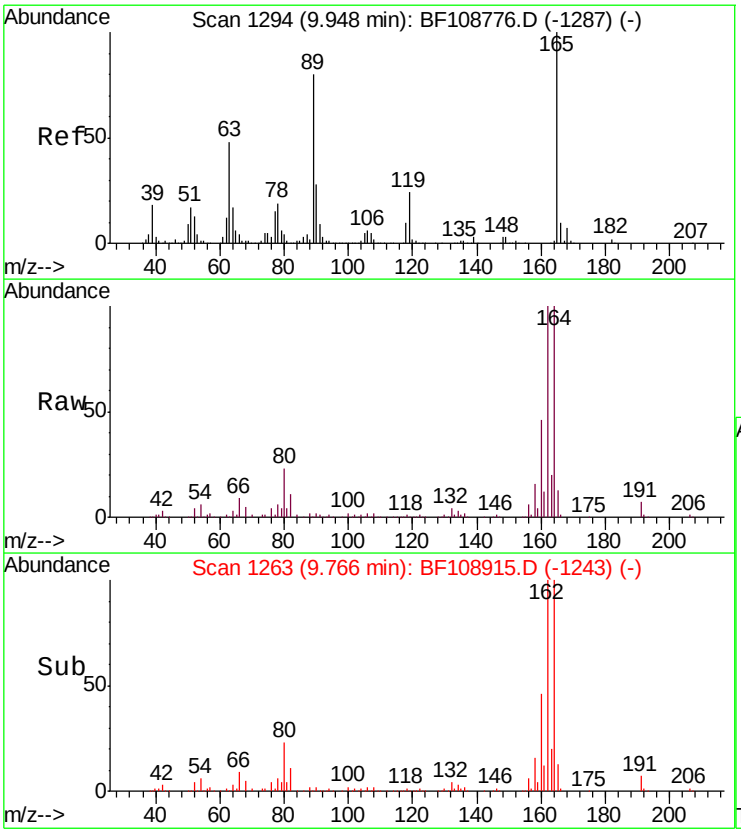
#50
2,6-Dinitrotoluene
Concen: 9.507 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:165 Resp: 29726

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

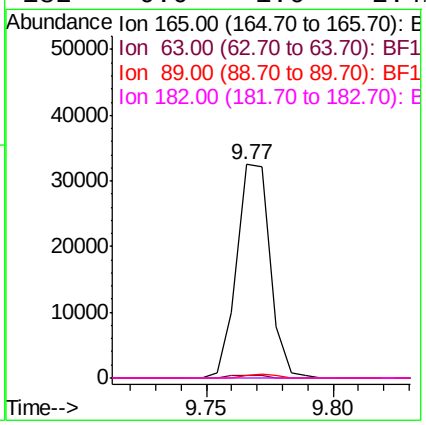


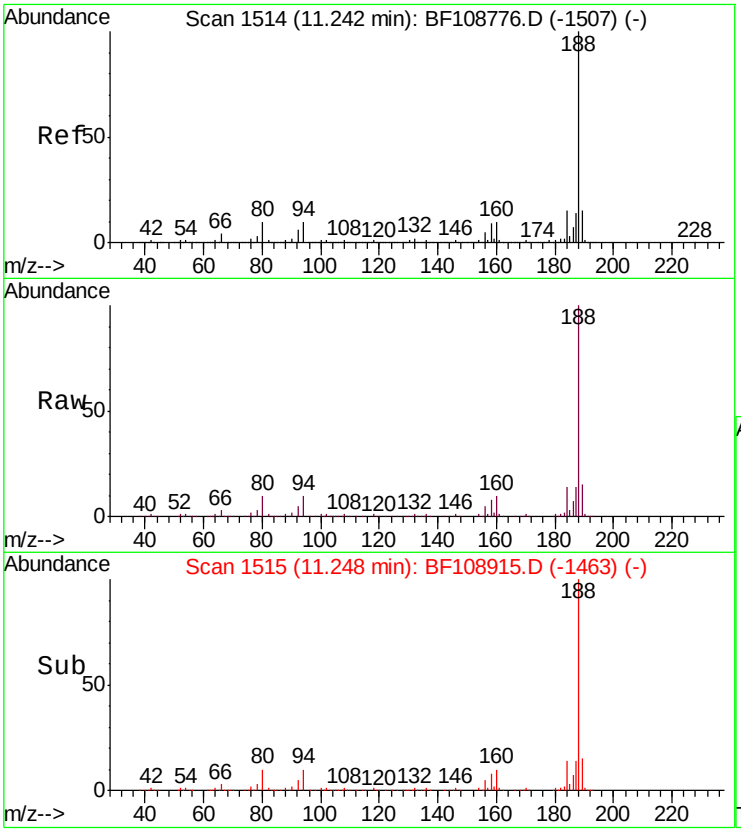


#56
2,4-Dinitrotoluene
Concen: 7.434 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:165 Resp: 29726

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



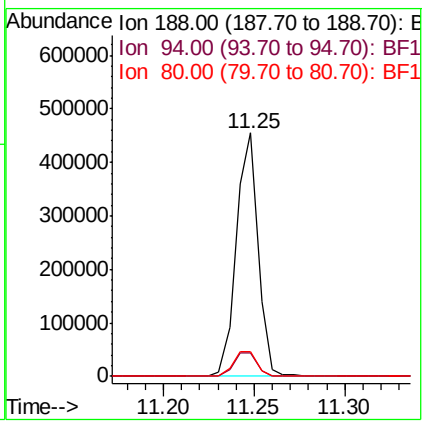


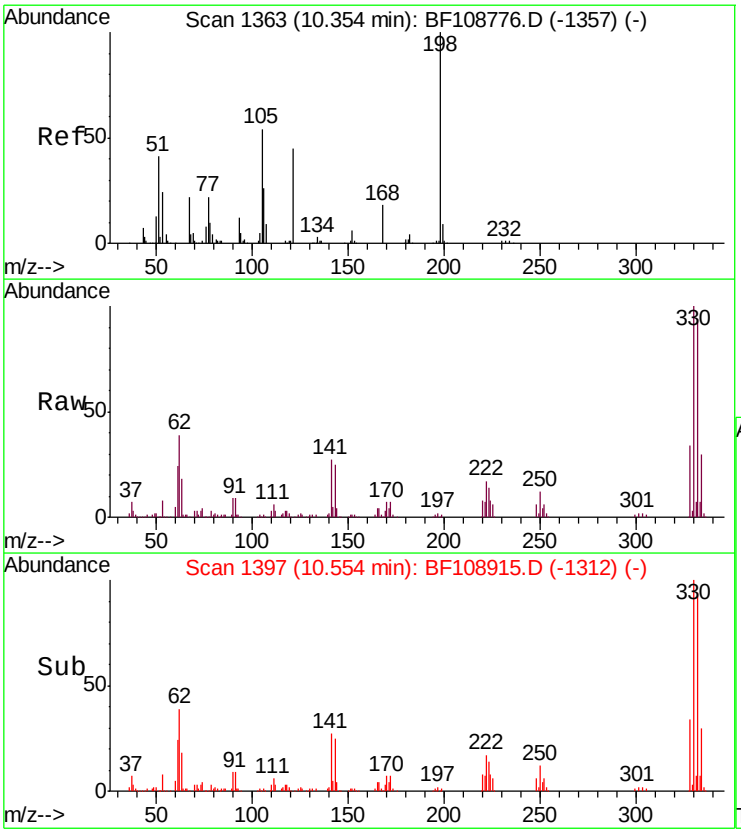
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:188 Resp: 379568

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8

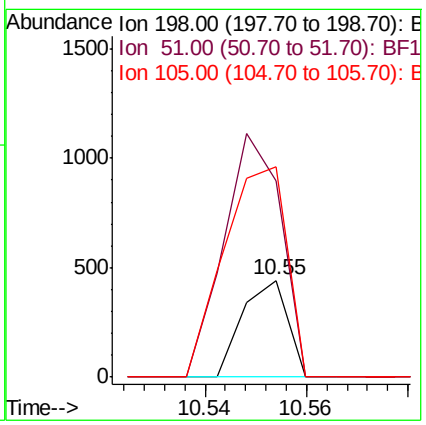


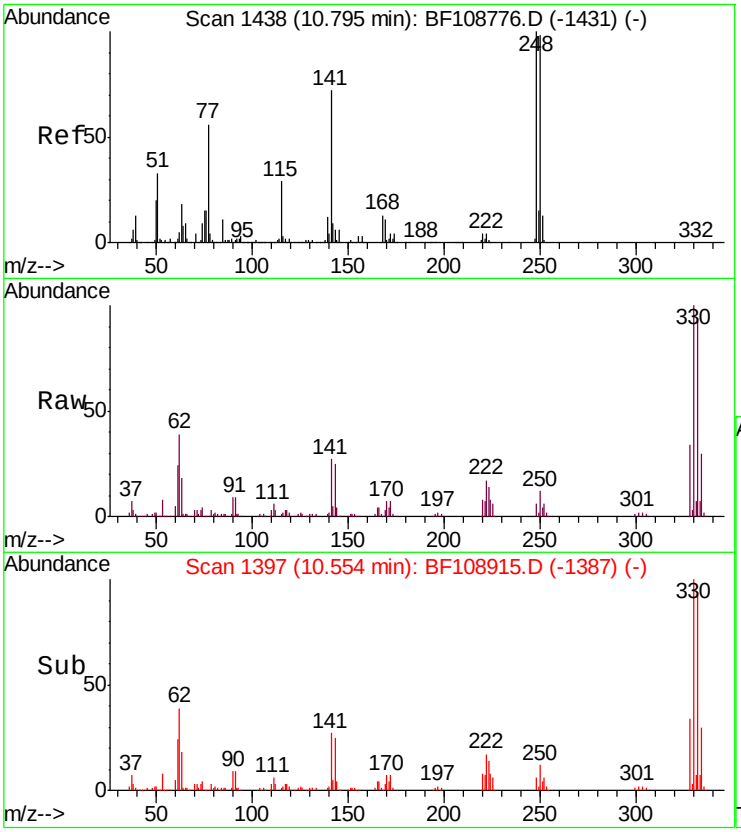


#64
4,6-Dinitro-2-methylphenol
Concen: 7.027 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:198 Resp: 277

Ion	Ratio	Lower	Upper
198	100		
51	203.2	37.7	77.7#
105	217.4	36.3	76.3#



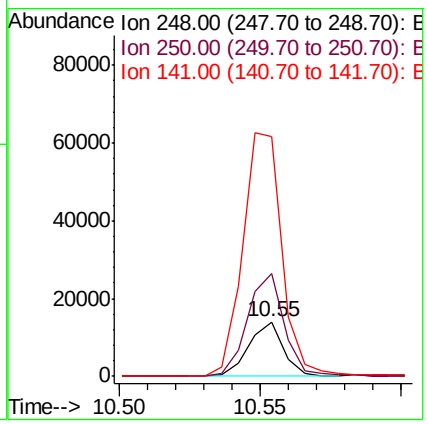


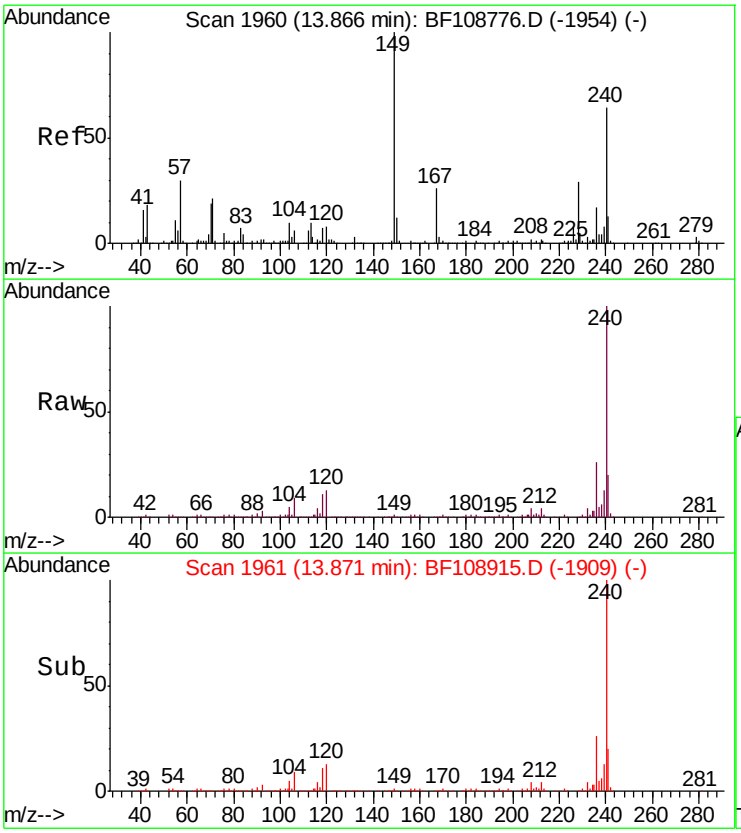
#66
4-Bromophenyl-phenylether
Concen: 2.789 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:248 Resp: 11958

Ion	Ratio	Lower	Upper
248	100		
250	189.3	76.9	115.3#
141	440.3	74.4	111.6#

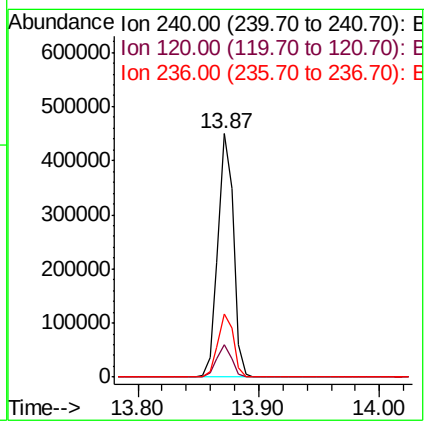


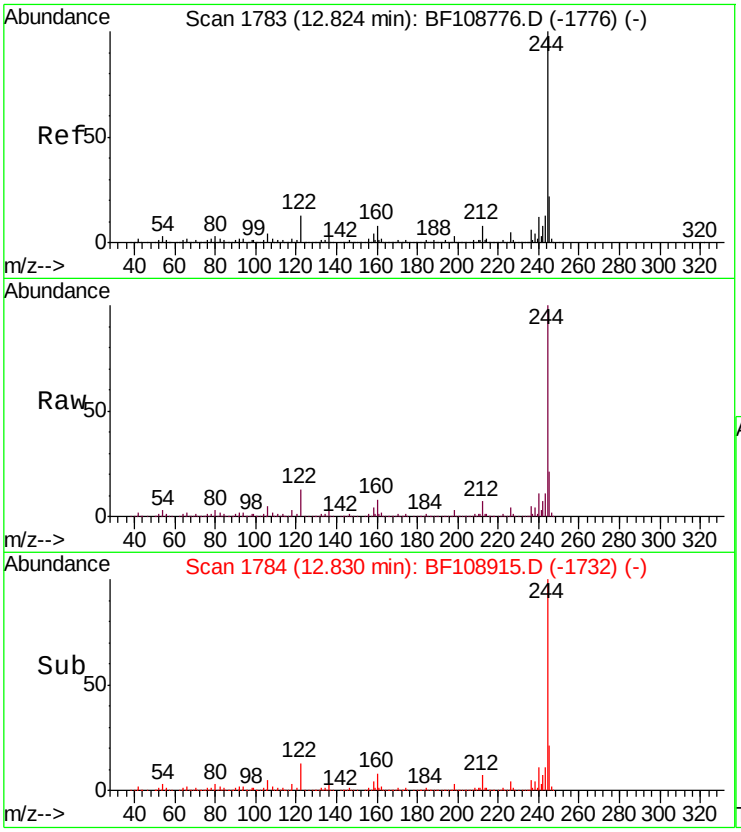


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:240 Resp: 396088

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.9	20.7	31.1



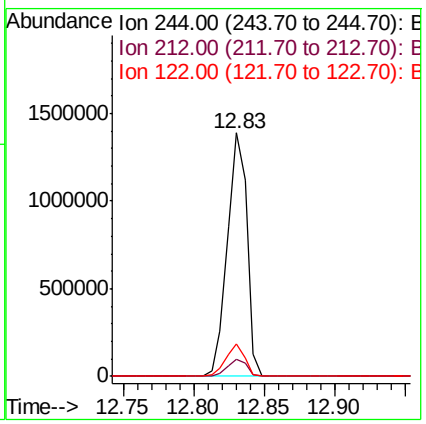


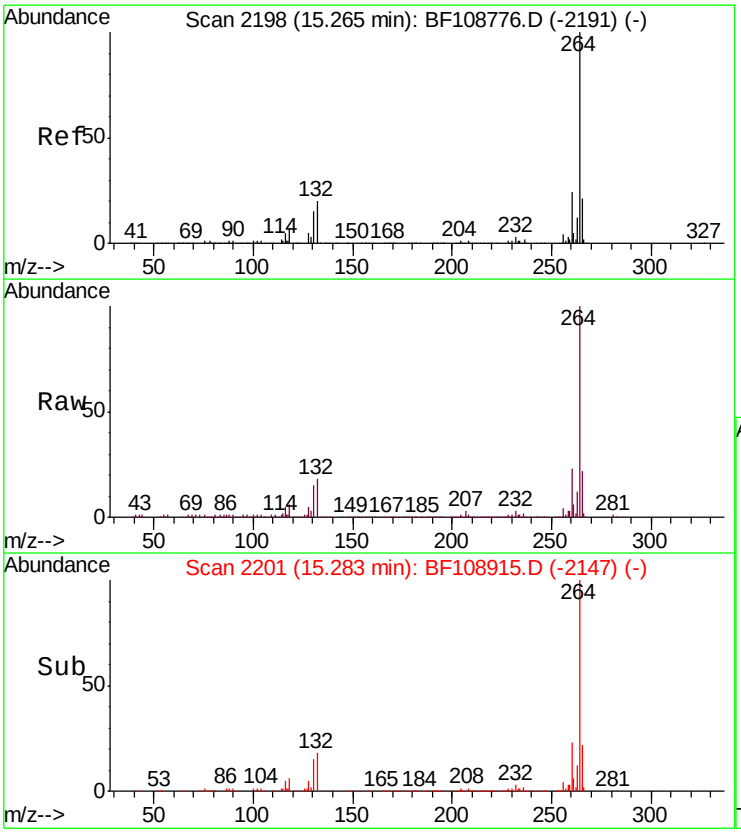
#78
Terphenyl-d14
Concen: 78.965 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108915.D
Acq: 11 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
090618-SIDI-F-D-B

Tgt Ion:244 Resp: 1341267

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	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: BF108915.D
Acq: 11 Sep 2018 1:44

Tgt Ion:264 Resp: 287285

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3