Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
Data File : BF109529.D
Acq On : 3 Oct 2018 4:30
Operator : JU/SJ
Sample : J5187-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 092818-SIDI-F-D-M

Quant Time: Oct 03 05:04:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102724	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	390545	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	188253	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	355582	20.00	ng	0.00
75) Chrysene-d12	13.83	240	239255	20.00	ng	-0.01
86) Perylene-d12	15.23	264	247995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	268234	43.01	ng	0.00
7) Phenol-d6	6.34	99	221688	27.86	ng	-0.02
23) Nitrobenzene-d5	7.27	82	724184	109.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	199893	107.71	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1283310	102.81	ng	-0.01
78) Terphenyl-d14	12.79	244	1158442	118.83	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	12136	2.374	ng	# 66
19) n-Nitroso-di-n-propylamine	7.27	70	95914	18.393	ng	# 77
25) Isophorone	7.27	82	711497	59.722	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	24034	8.863	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	24034	7.005	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	194	6.637	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11975	3.033	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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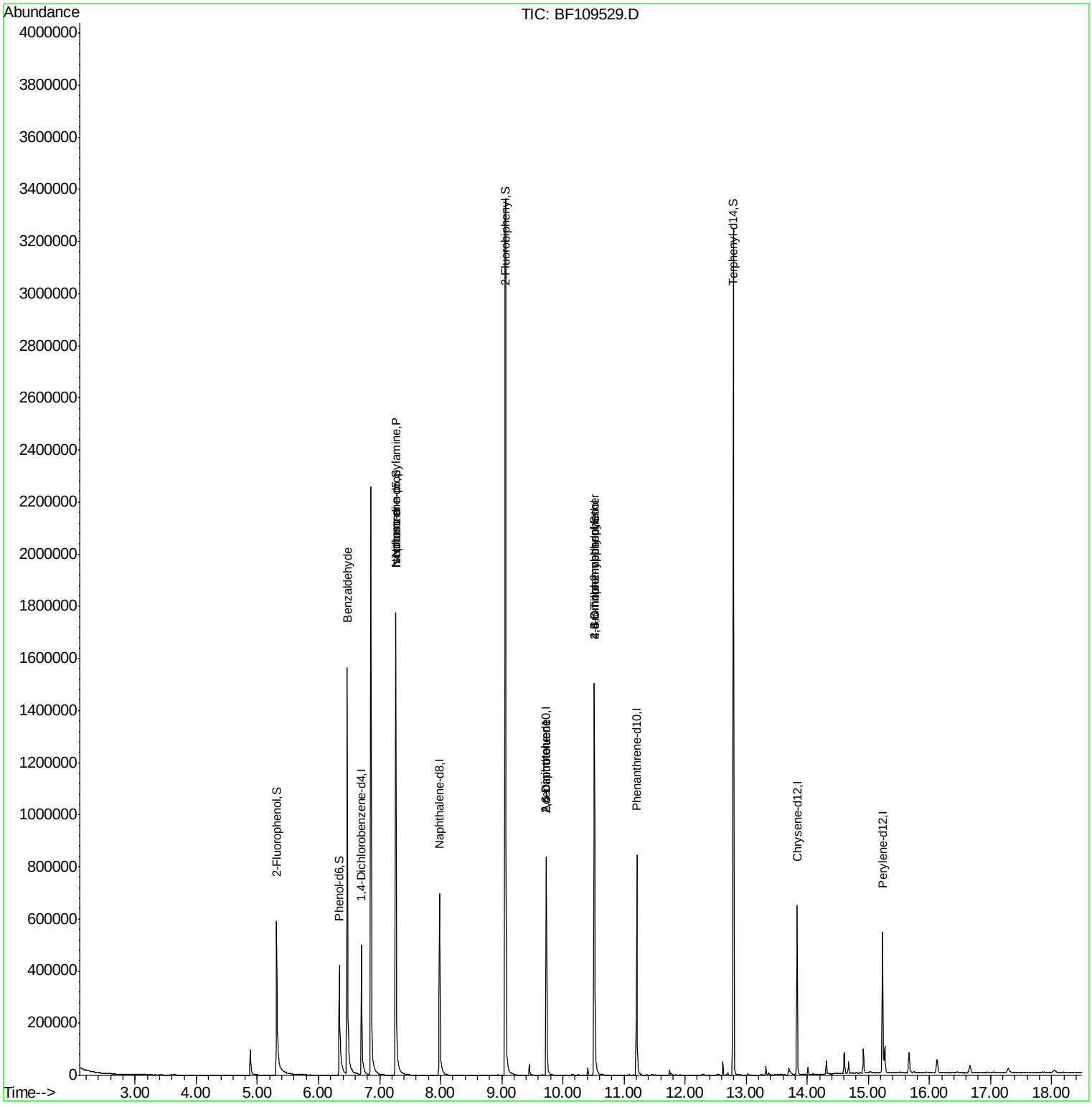
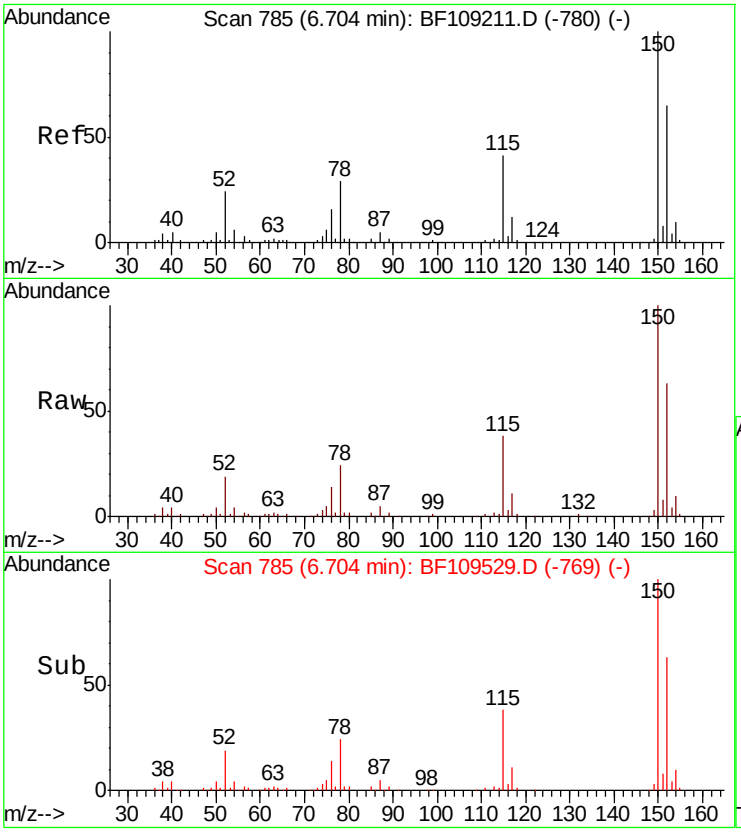


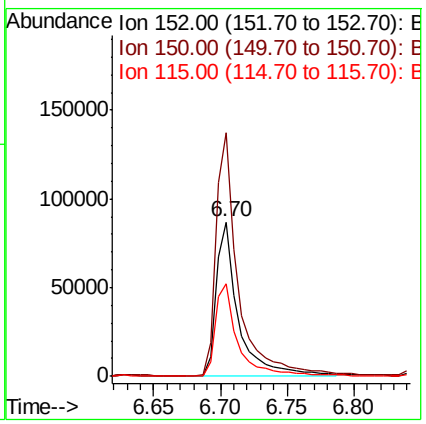


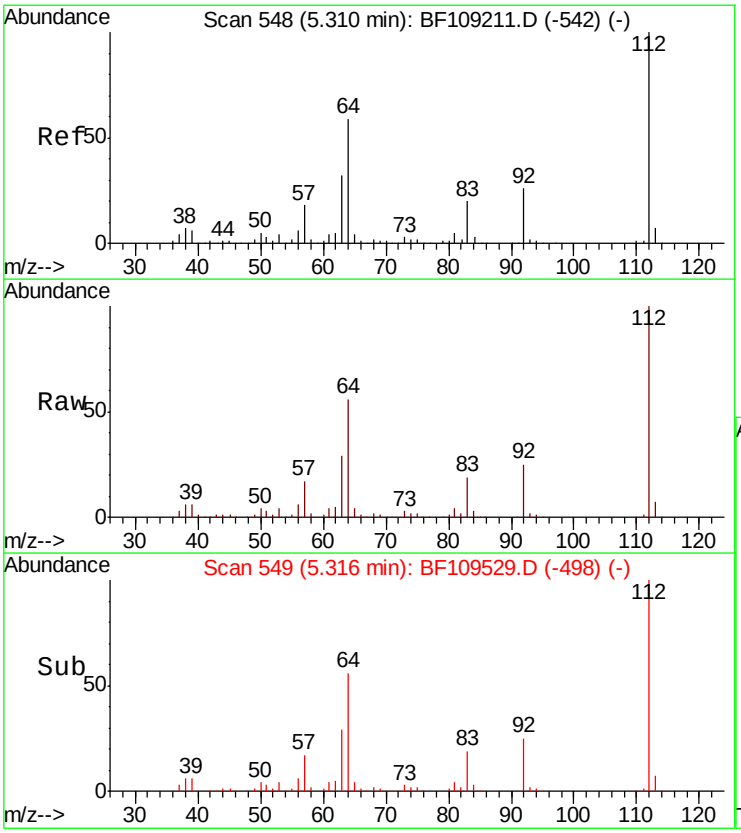
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:152 Resp: 102724

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.6	50.1	75.1

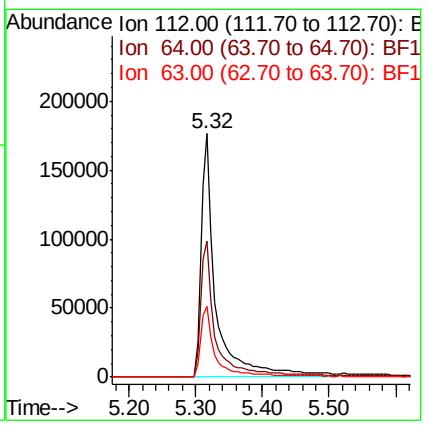


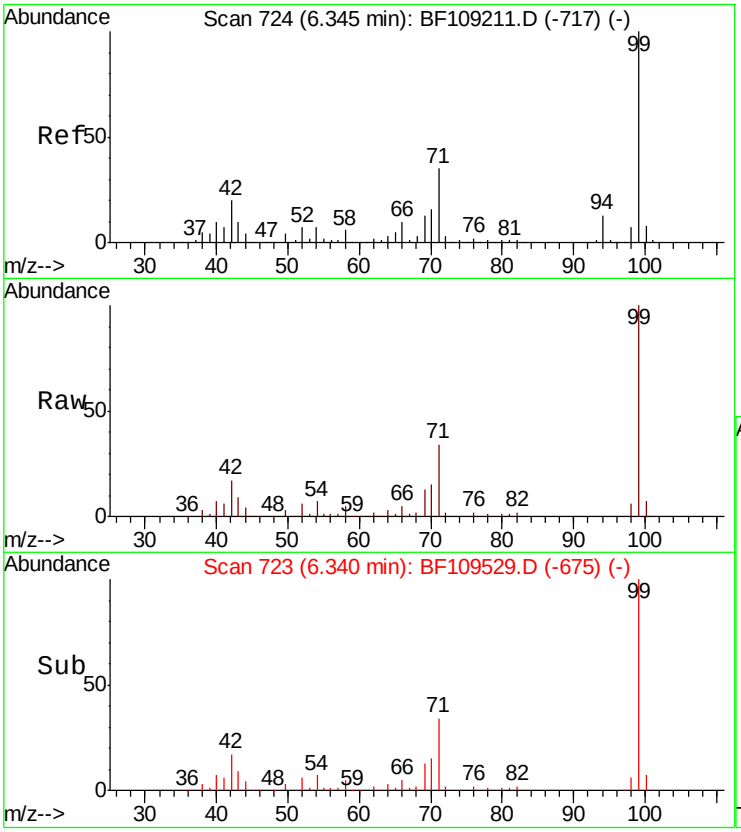


#5
2-Fluorophenol
Concen: 43.009 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:112 Resp: 268234

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	29.2	23.7	35.5



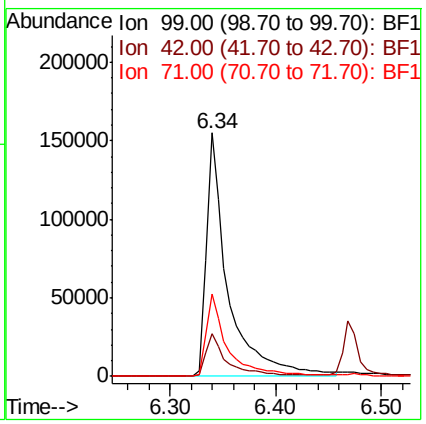


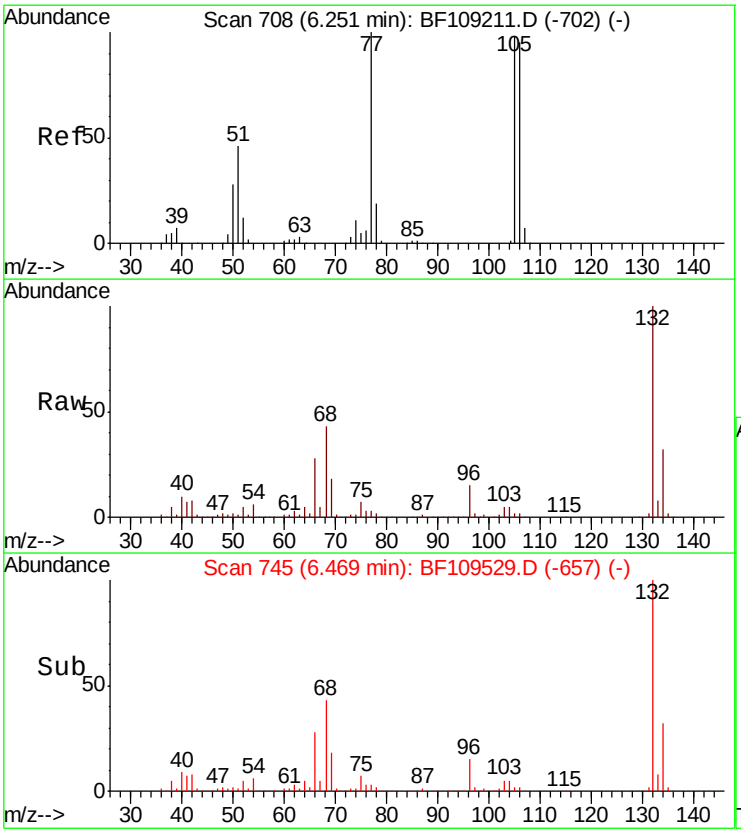
#7
Phenol-d6
Concen: 27.856 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion: 99 Resp: 221688

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	33.8	25.4	38.0

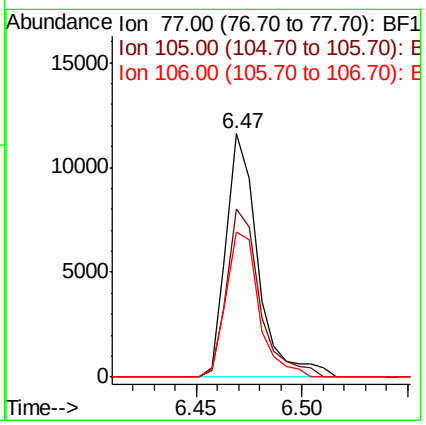


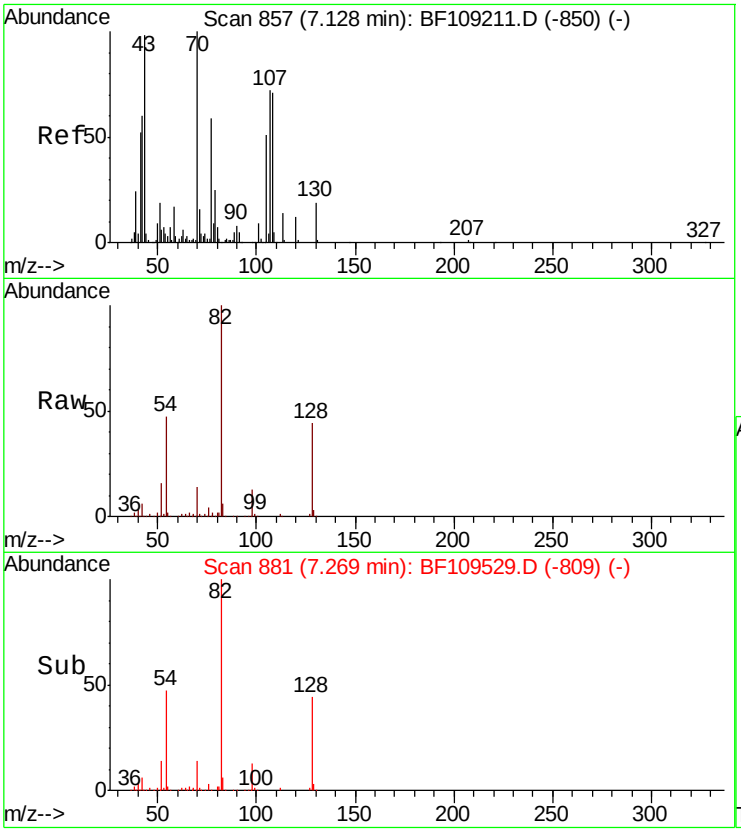


#9
Benzaldehyde
Concen: 2.374 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.22 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion: 77 Resp: 12136

Ion	Ratio	Lower	Upper
77	100		
105	68.9	81.1	121.1#
106	59.4	74.5	114.5#



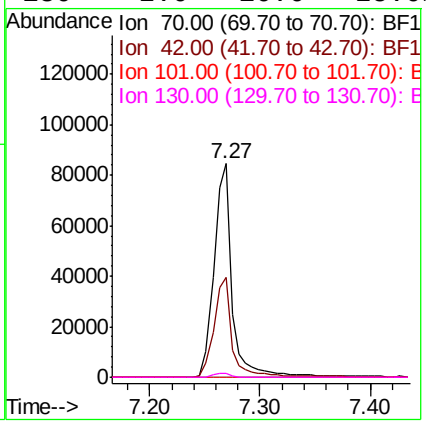


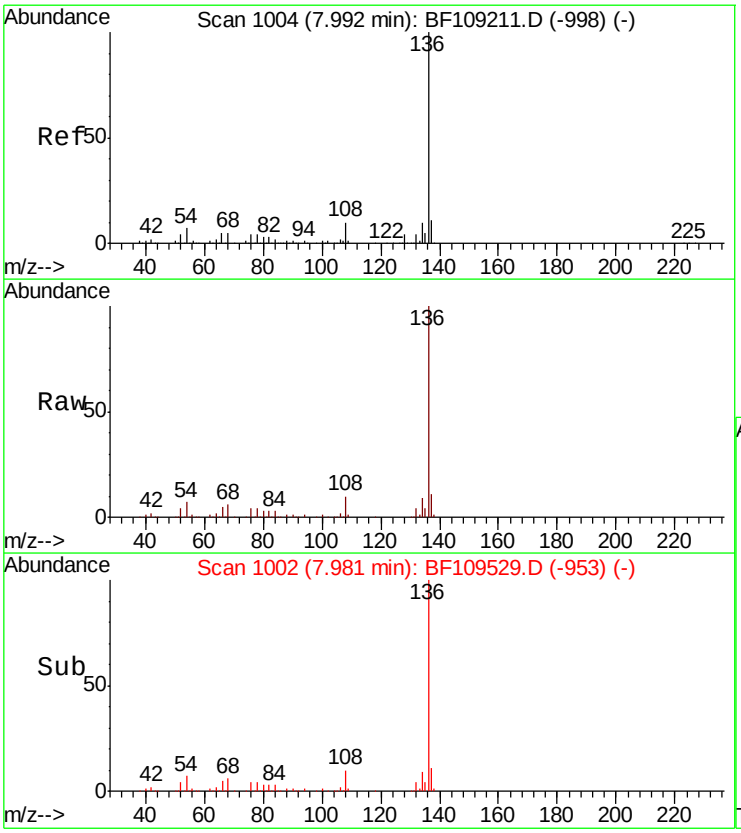
#19
n-Nitroso-di-n-propylamine
Concen: 18.393 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion: 70 Resp: 95914

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

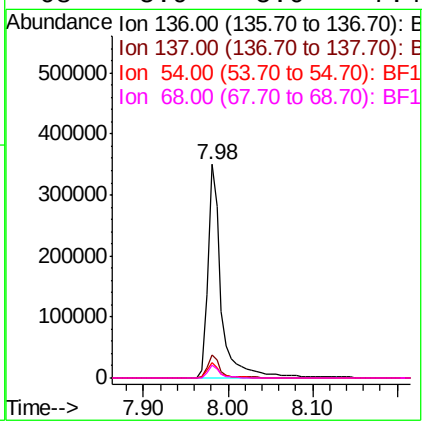


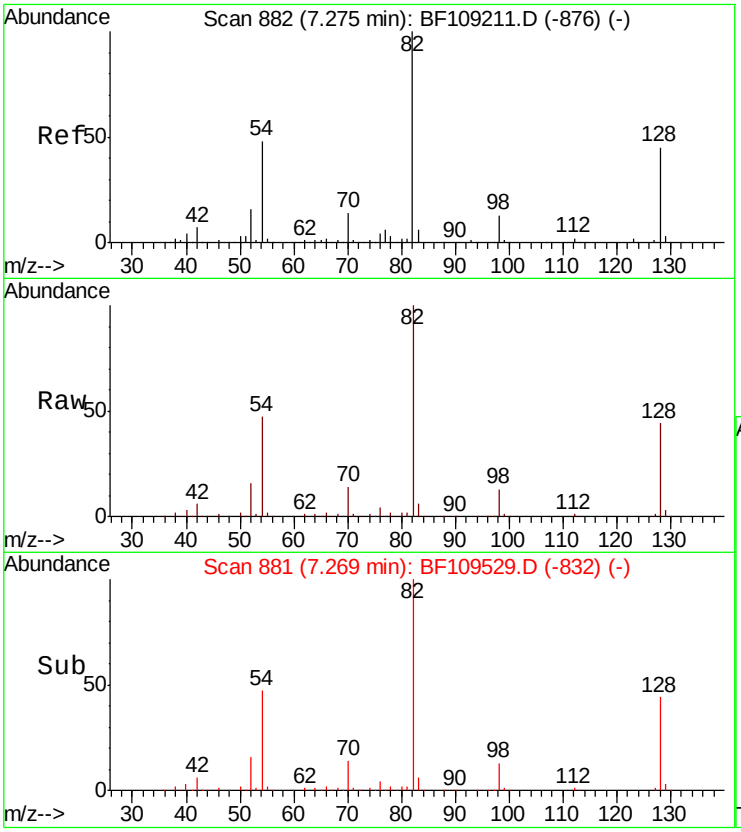


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:136 Resp: 390545

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4



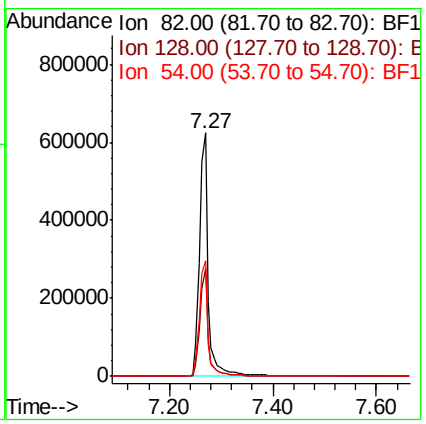


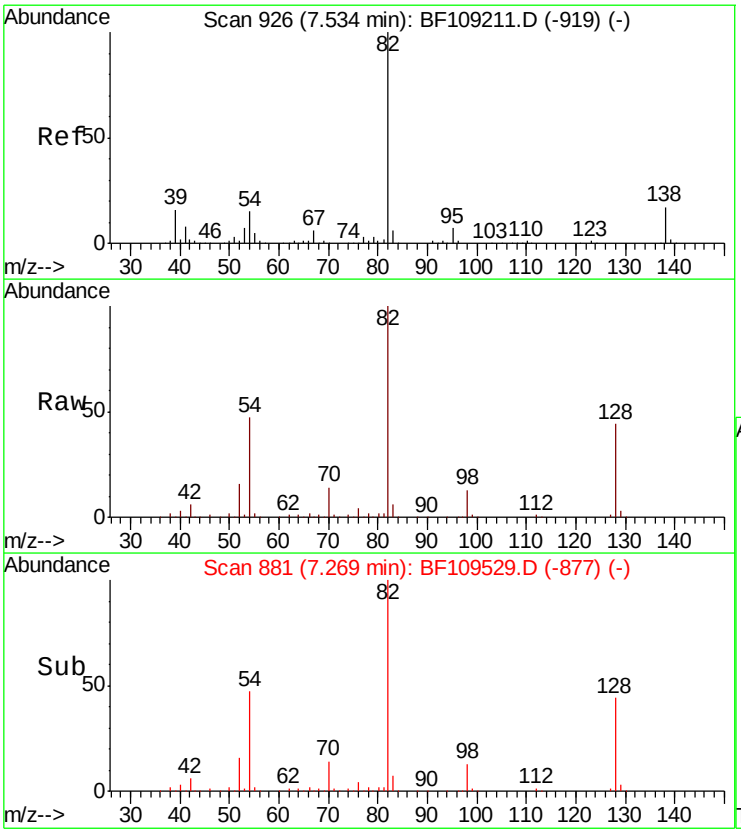
#23
Nitrobenzene-d5
Concen: 109.462 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion: 82 Resp: 724184

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	47.3	41.4	62.2

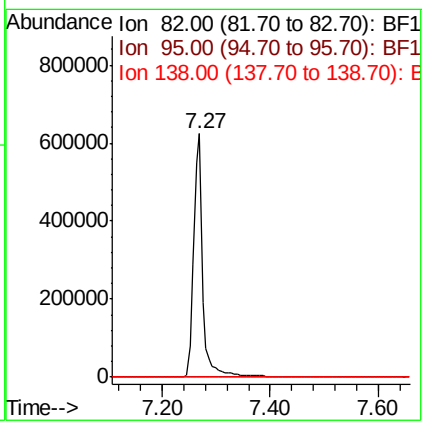


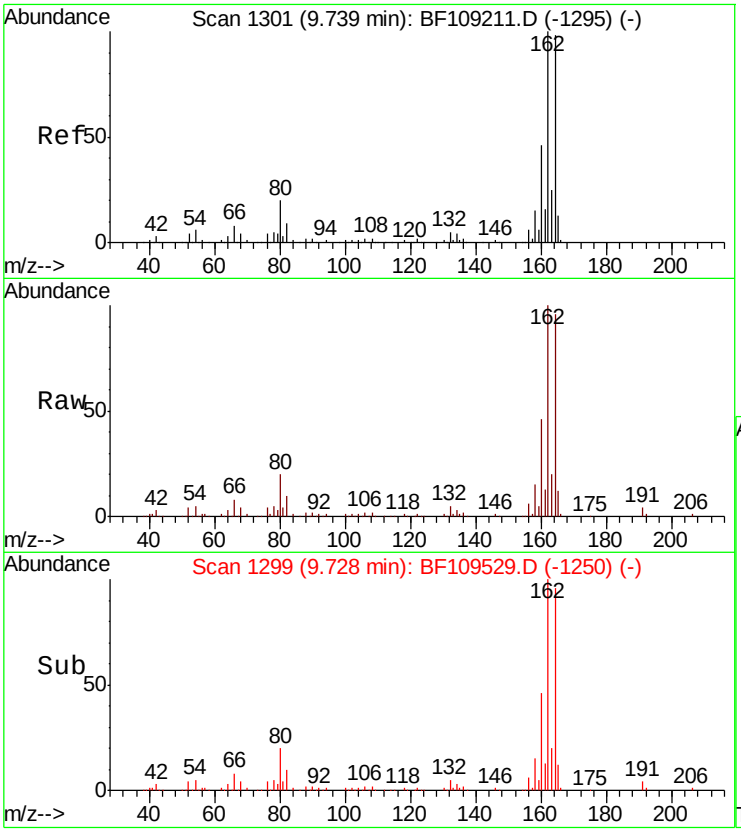


#25
Isophorone
Concen: 59.722 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion: 82 Resp: 711497

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



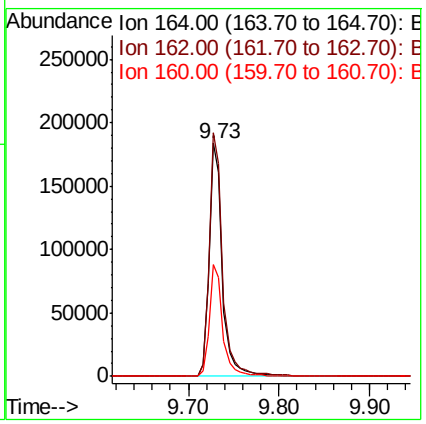


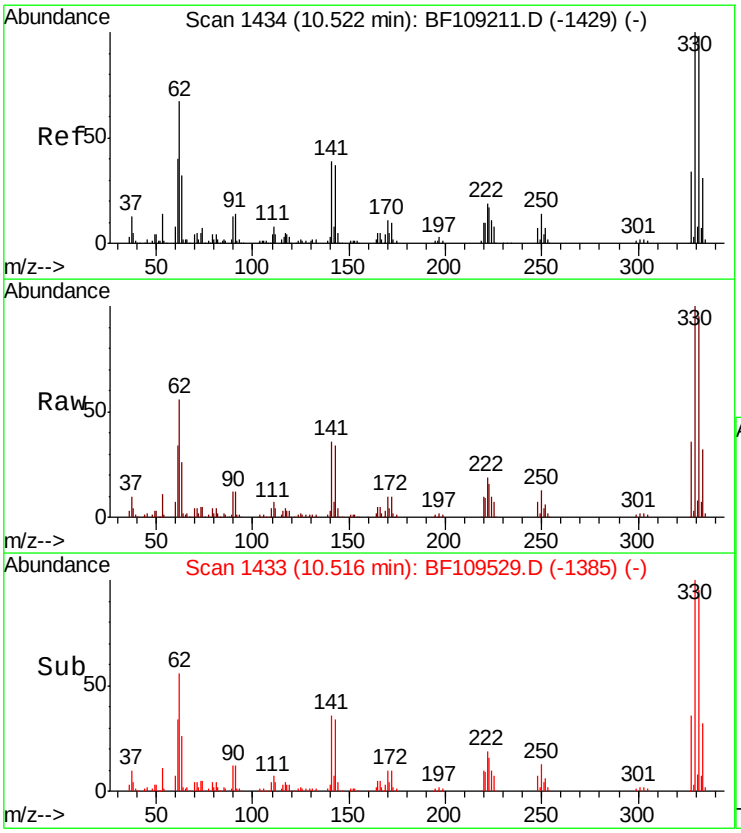
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:164 Resp: 188253

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.8	38.3	57.5

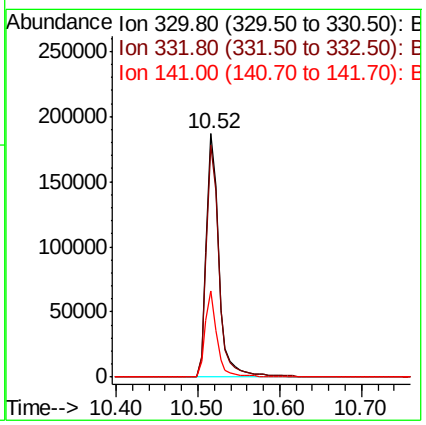


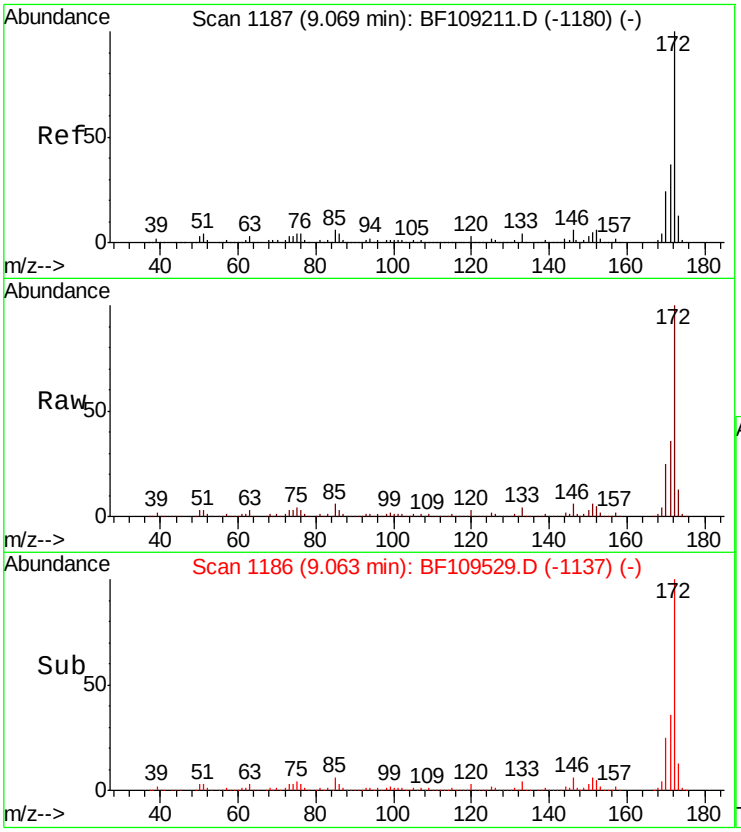


#41
2,4,6-Tribromophenol
Concen: 107.714 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:330 Resp: 199893

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.6	29.9	44.9



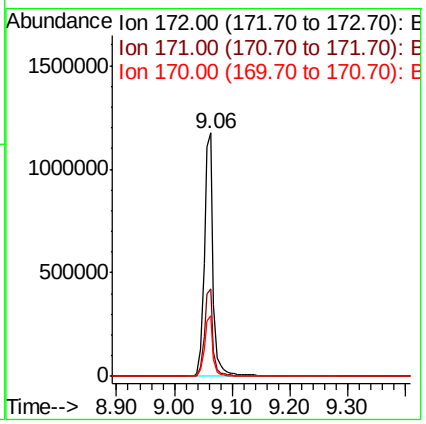


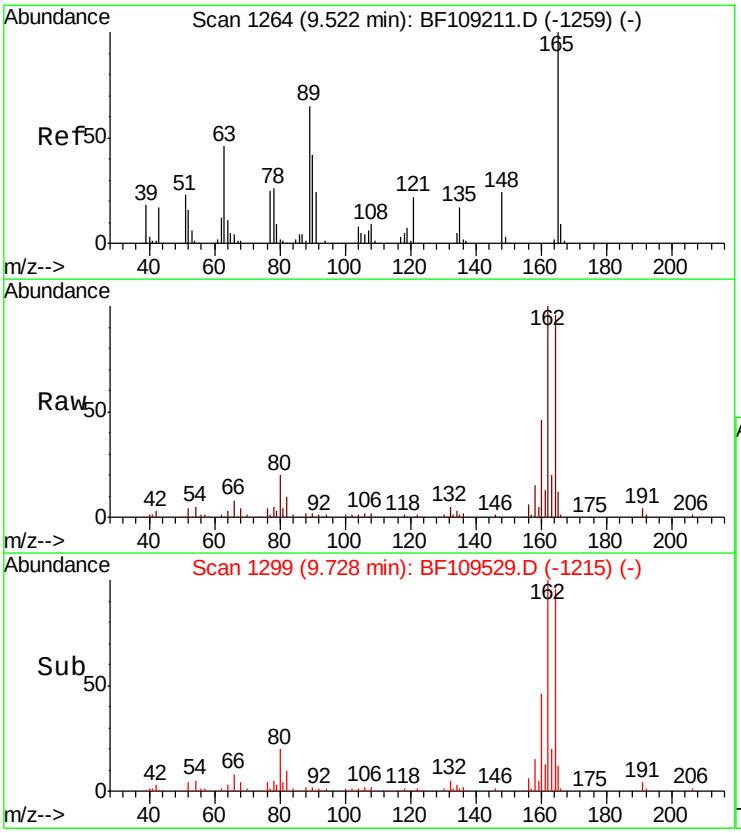
#44
2-Fluorobiphenyl
Concen: 102.813 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:172 Resp: 1283310

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4

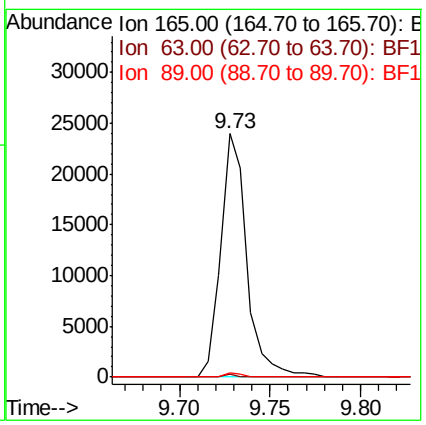


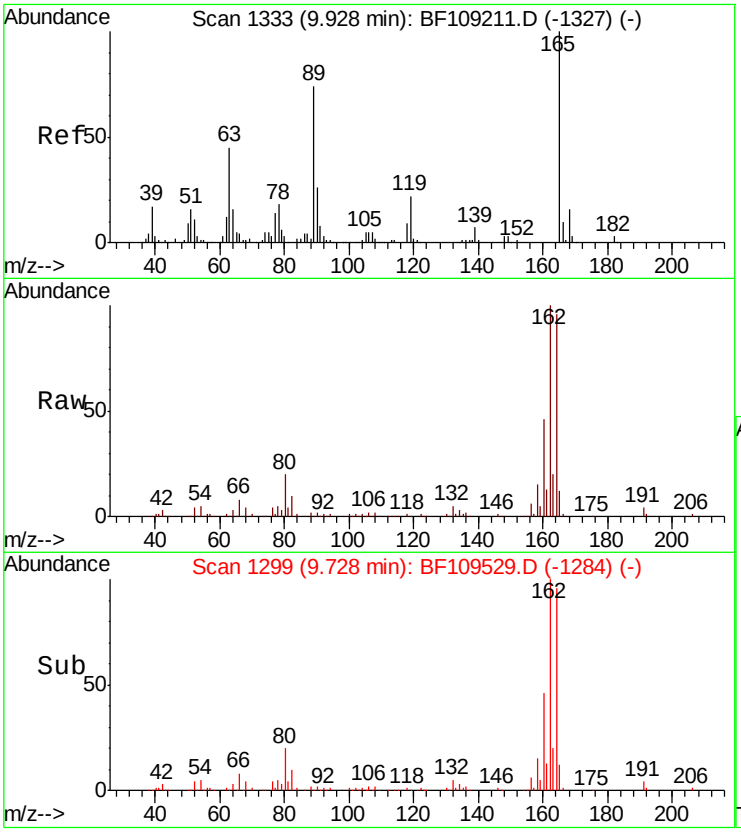


#50
2,6-Dinitrotoluene
Concen: 8.863 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:165 Resp: 24034

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



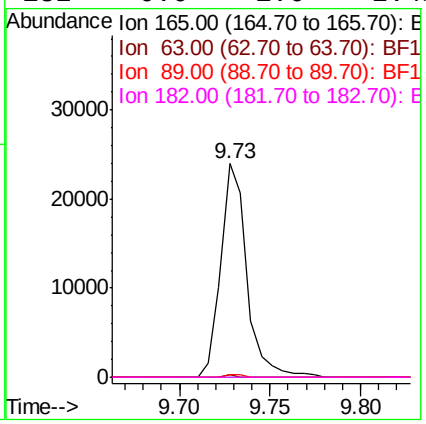


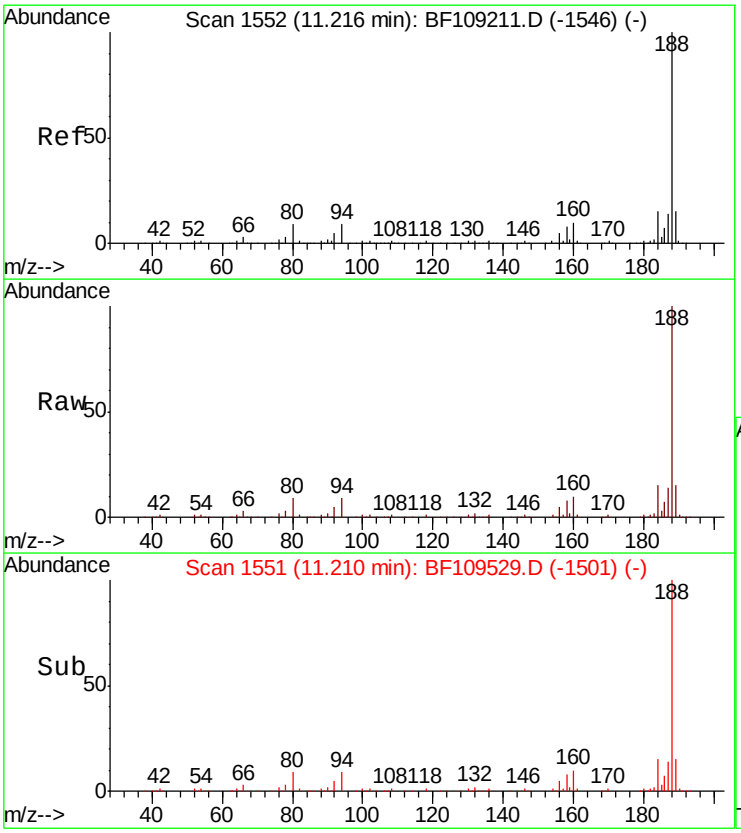
#56
2,4-Dinitrotoluene
Concen: 7.005 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:165 Resp: 24034

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

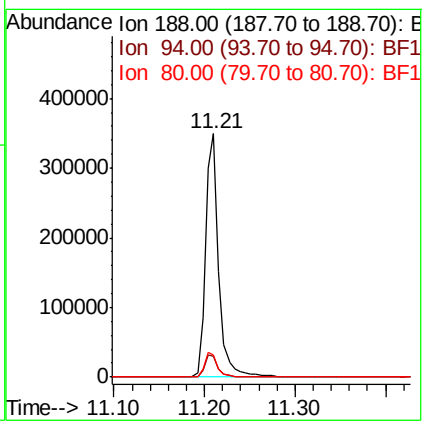


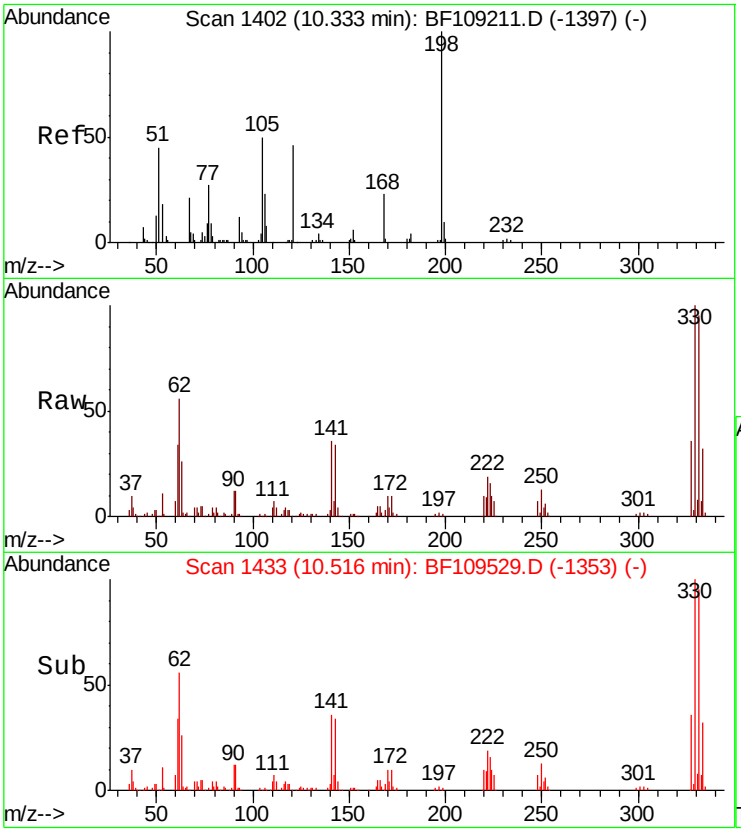


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:188 Resp: 355582

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#



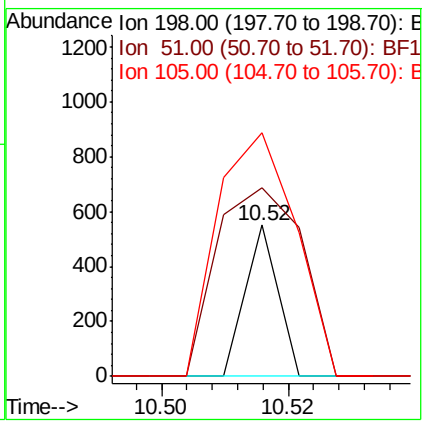


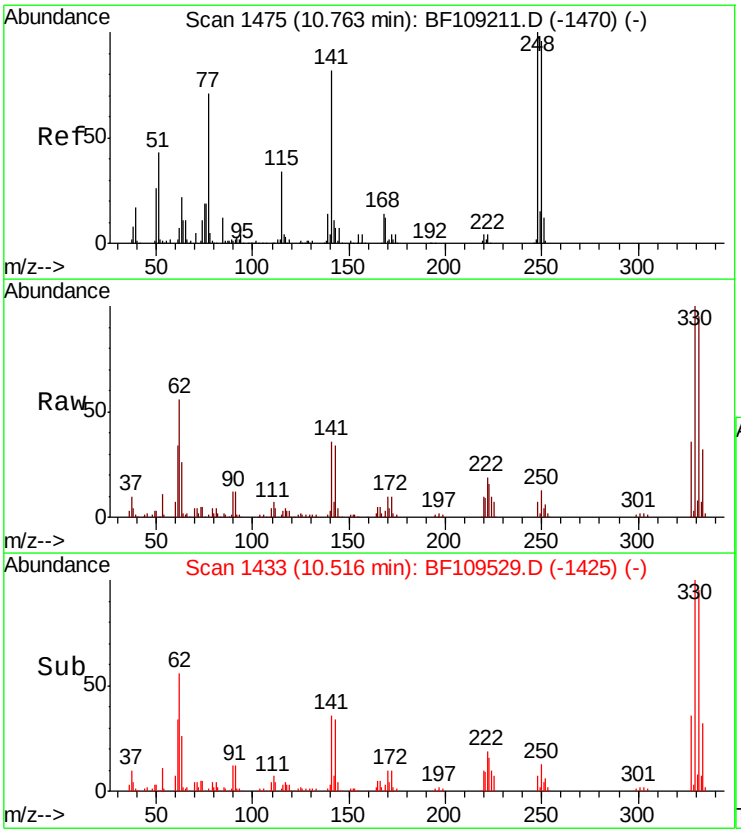
#64
4,6-Dinitro-2-methylphenol
Concen: 6.637 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:198 Resp: 194

Ion	Ratio	Lower	Upper
198	100		
51	124.5	37.7	77.7#
105	161.0	36.3	76.3#

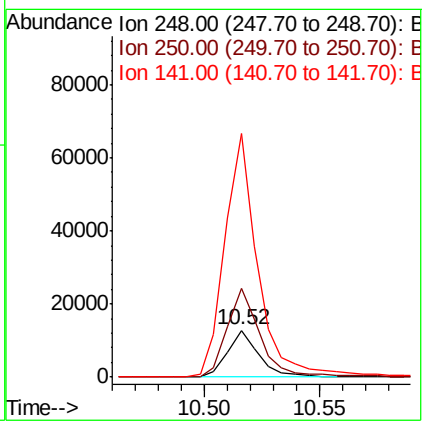


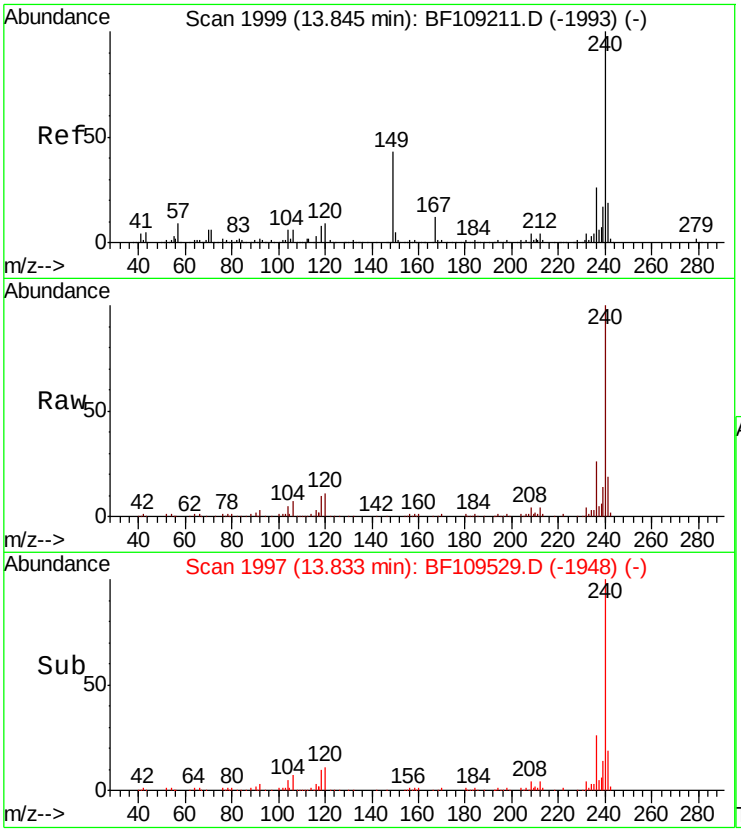


#66
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:248 Resp: 11975

Ion	Ratio	Lower	Upper
248	100		
250	189.4	76.9	115.3#
141	517.2	74.4	111.6#



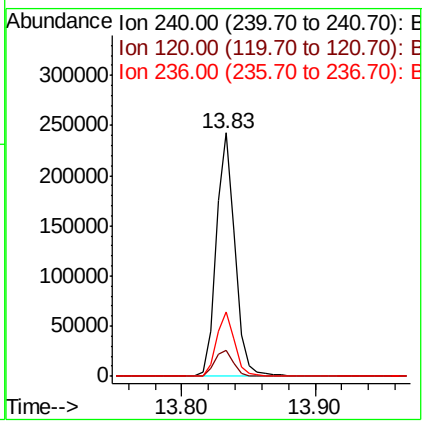


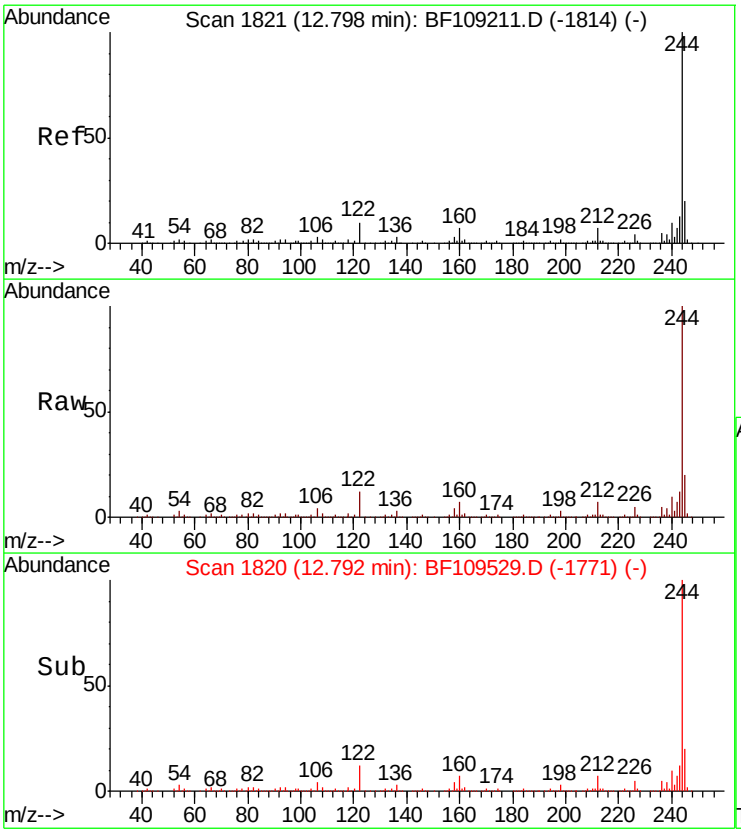
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:240 Resp: 239255

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1

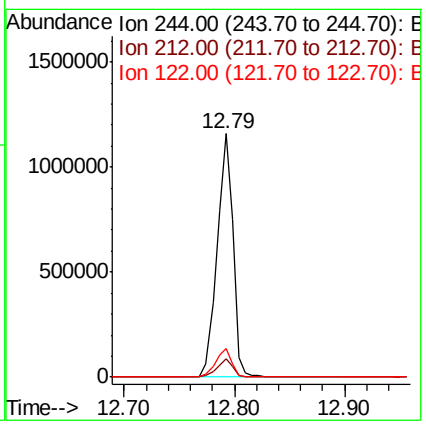


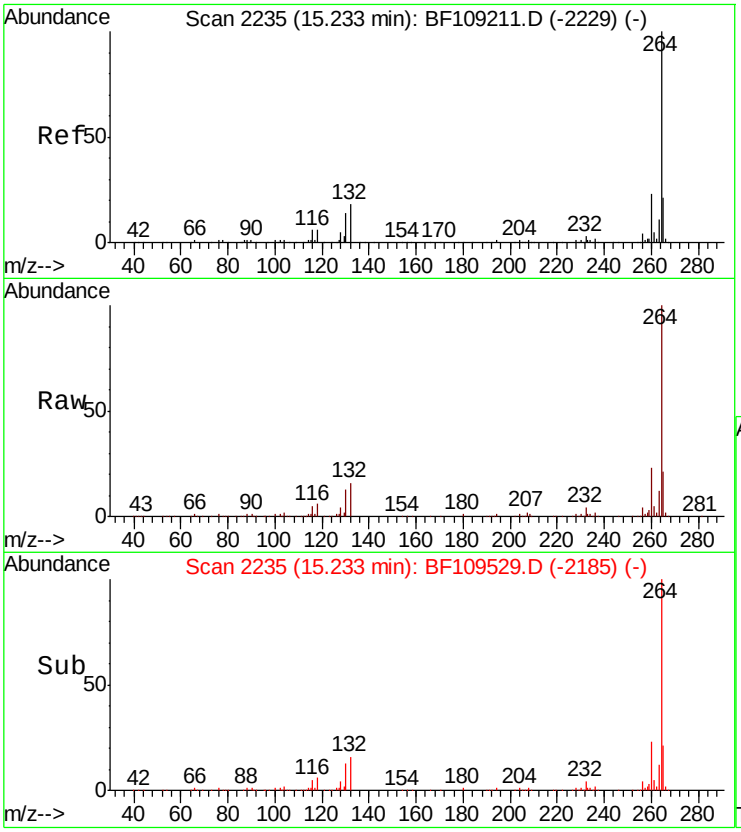


#78
Terphenyl-d14
Concen: 118.827 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Tgt Ion:244 Resp: 1158442

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109529.D
Acq: 3 Oct 2018 4:30

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-M

Tgt Ion:264 Resp: 247995

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3