Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109635.D
Acq On : 6 Oct 2018 3:37
Operator : JU/SJ
Sample : J5264-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100318-SIDI-E-D-S

Quant Time: Oct 06 05:59:57 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	89404	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	337883	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	140090	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	241525	20.00	ng		0.00
75) Chrysene-d12	13.83	240	236559	20.00	ng		-0.01
86) Perylene-d12	15.23	264	187006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	189980	35.00	ng		0.00
7) Phenol-d6	6.35	99	154642	22.33	ng		-0.01
23) Nitrobenzene-d5	7.26	82	587906	102.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	123196	89.21	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	1003798	108.07	ng		-0.02
78) Terphenyl-d14	12.79	244	795376	82.52	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	8953	2.012	ng		80
19) n-Nitroso-di-n-propylamine	7.26	70	78202	17.231	ng	#	77
25) Isophorone	7.26	82	573123	55.605	ng	#	64
50) 2,6-Dinitrotoluene	9.73	165	16949	8.399	ng	#	25
56) 2,4-Dinitrotoluene	9.73	165	16949	6.638	ng	#	23
66) 4-Bromophenyl-phenylether	10.52	248	7060	2.632	ng	#	1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
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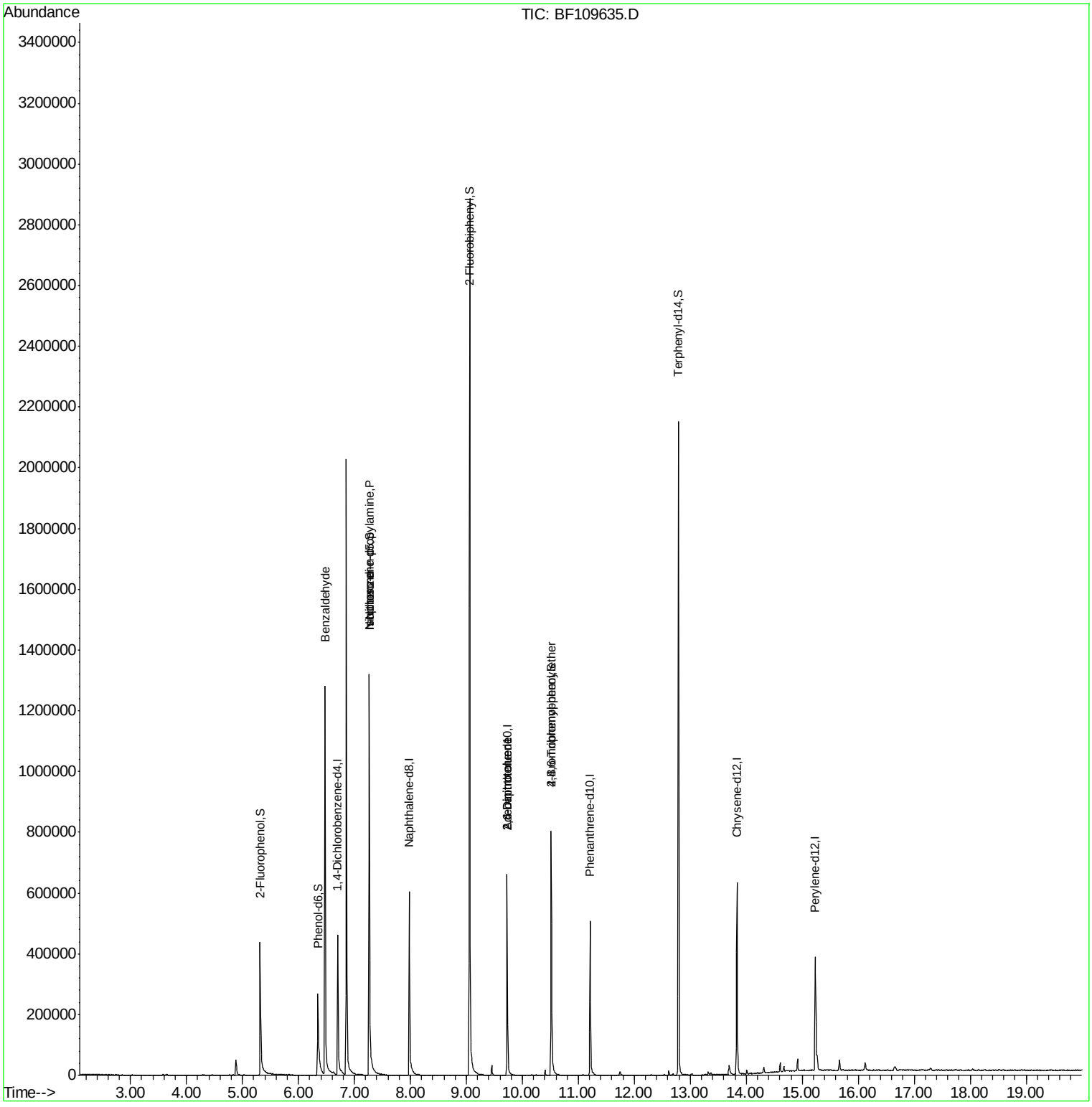
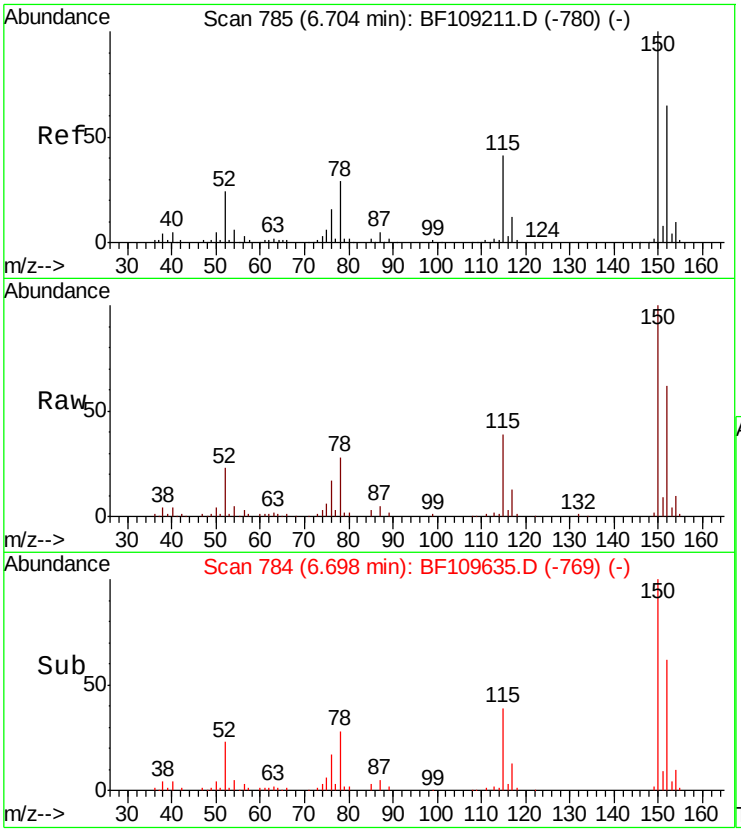


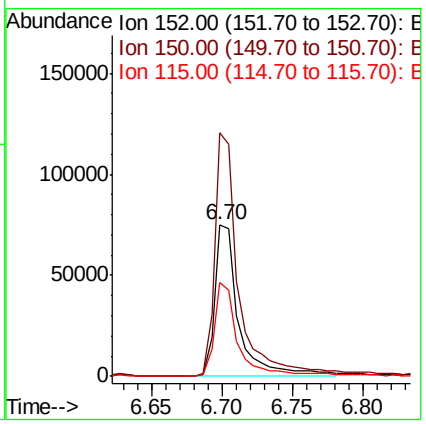


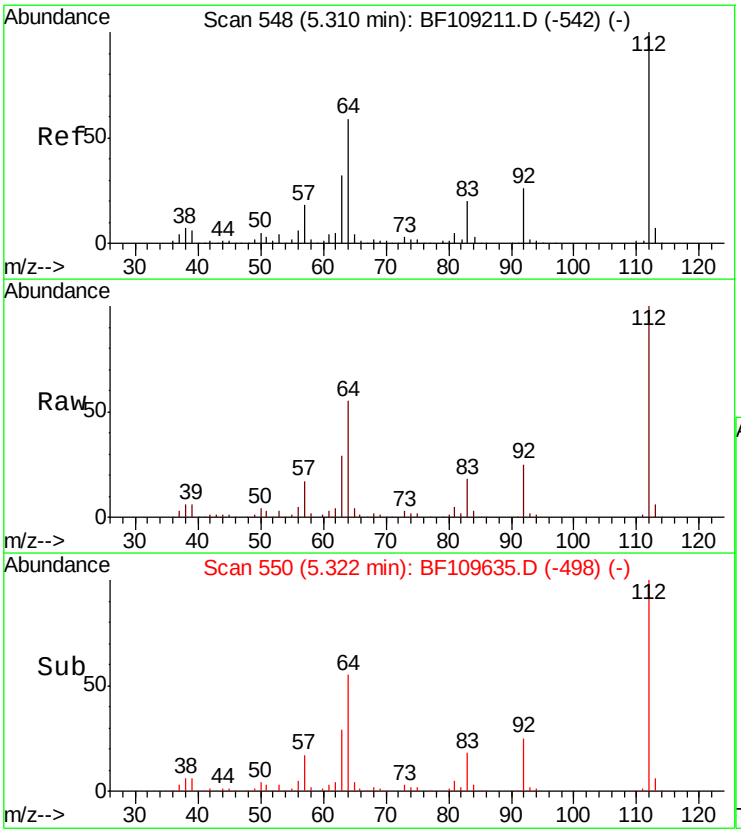
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:152 Resp: 89404

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	62.0	50.1	75.1

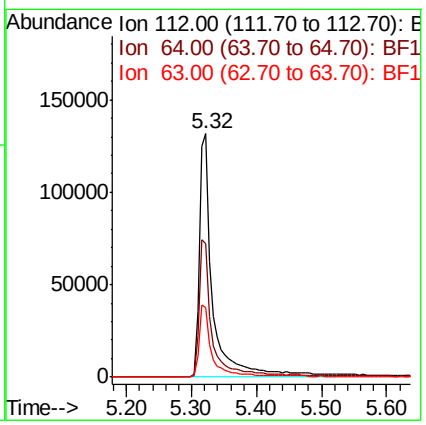


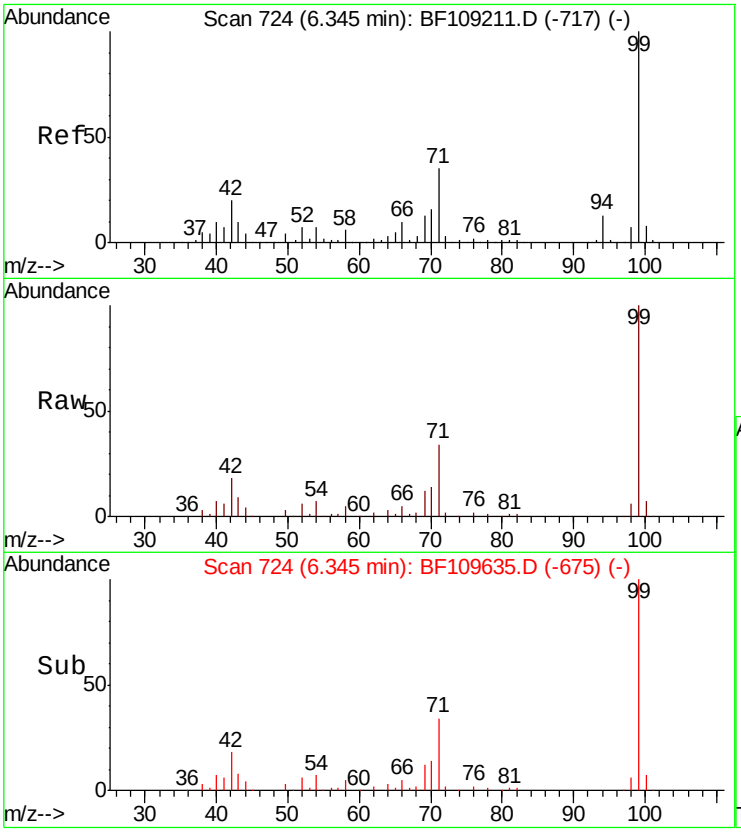


#5
2-Fluorophenol
Concen: 35.000 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:112 Resp: 189980

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.7	23.7	35.5



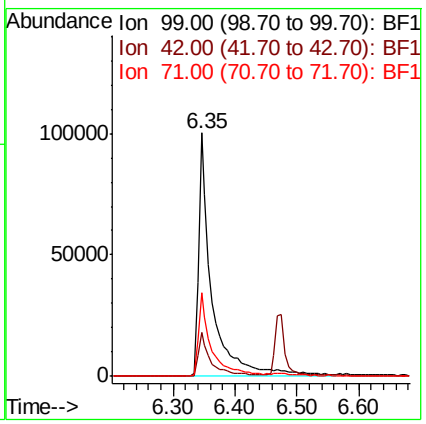


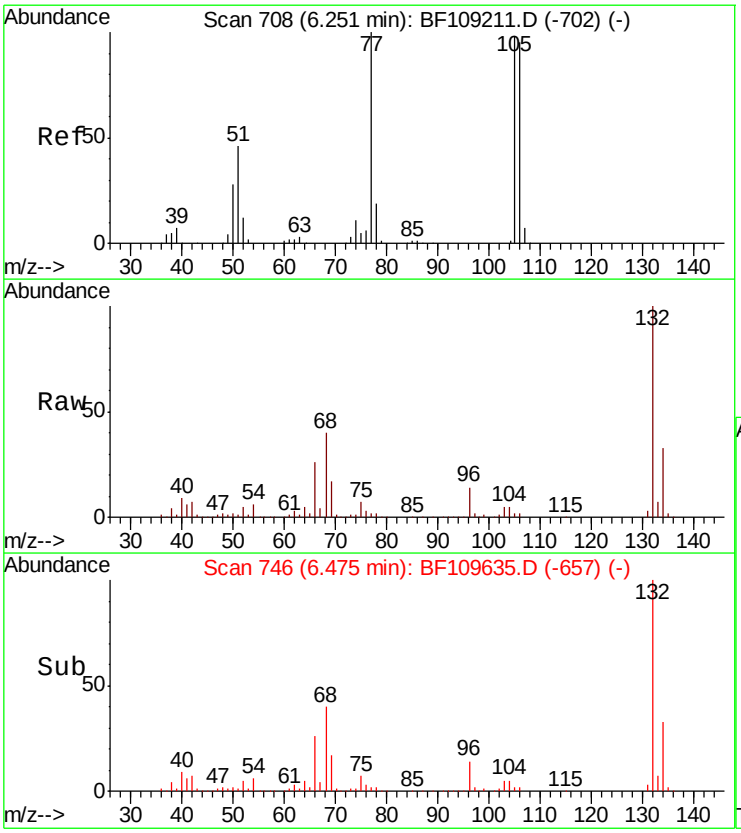
#7
Phenol-d6
Concen: 22.327 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion: 99 Resp: 154642

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	34.2	25.4	38.0

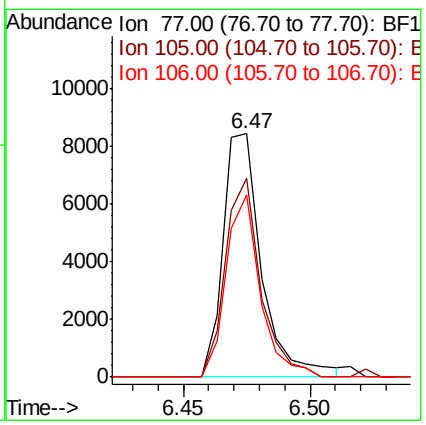


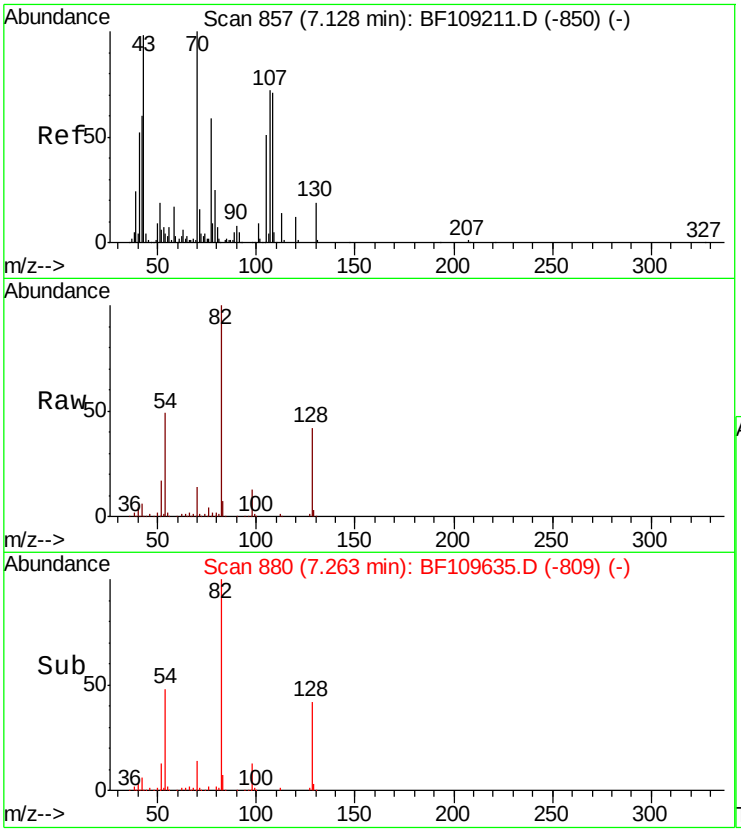


#9
Benzaldehyde
Concen: 2.012 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion: 77 Resp: 8953

Ion	Ratio	Lower	Upper
77	100		
105	81.8	81.1	121.1
106	75.0	74.5	114.5



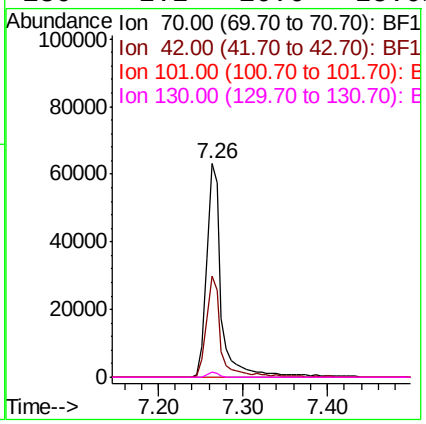


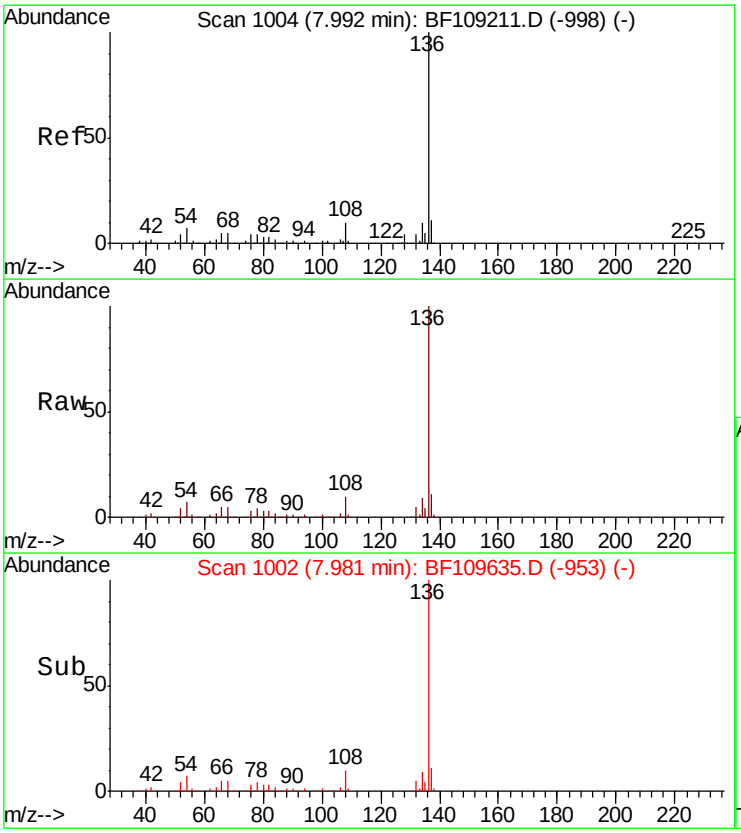
#19
n-Nitroso-di-n-propylamine
Concen: 17.231 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion: 70 Resp: 78202

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

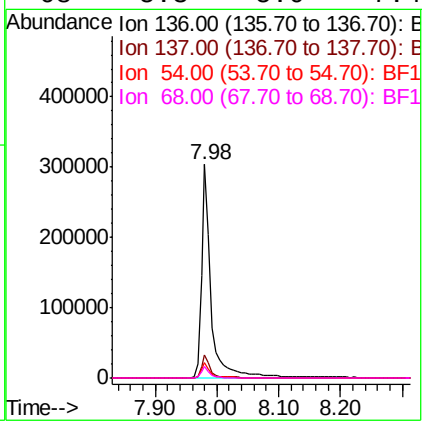


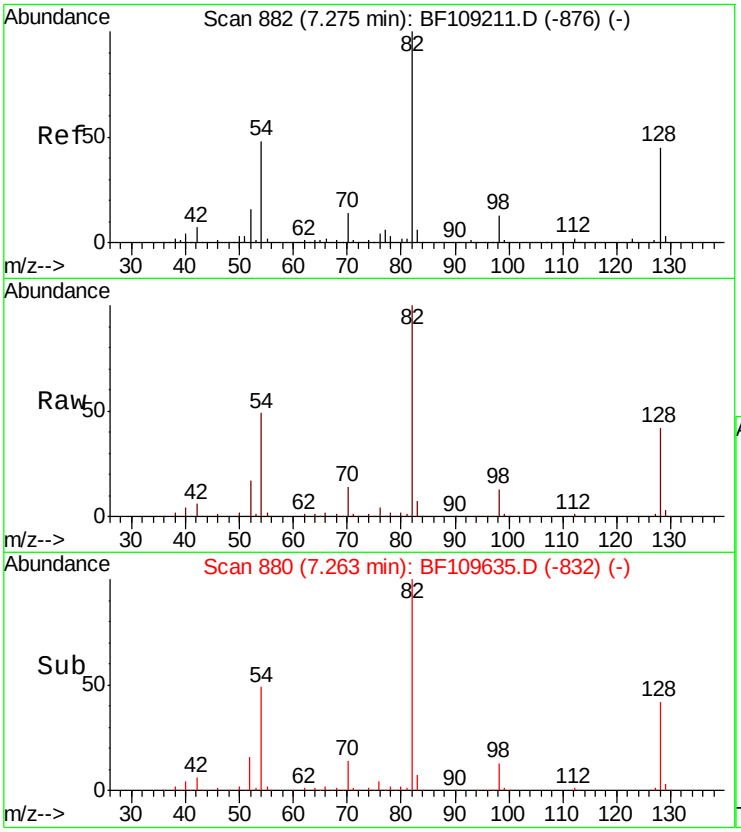


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:136 Resp: 337883

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	5.3	5.0	7.4



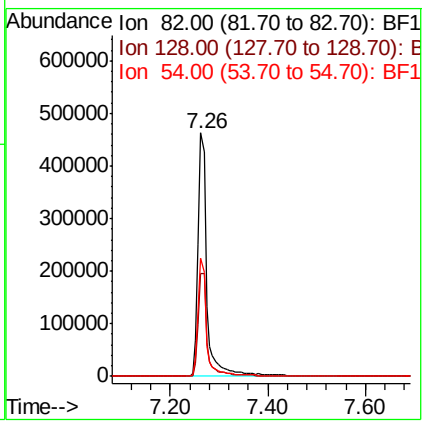


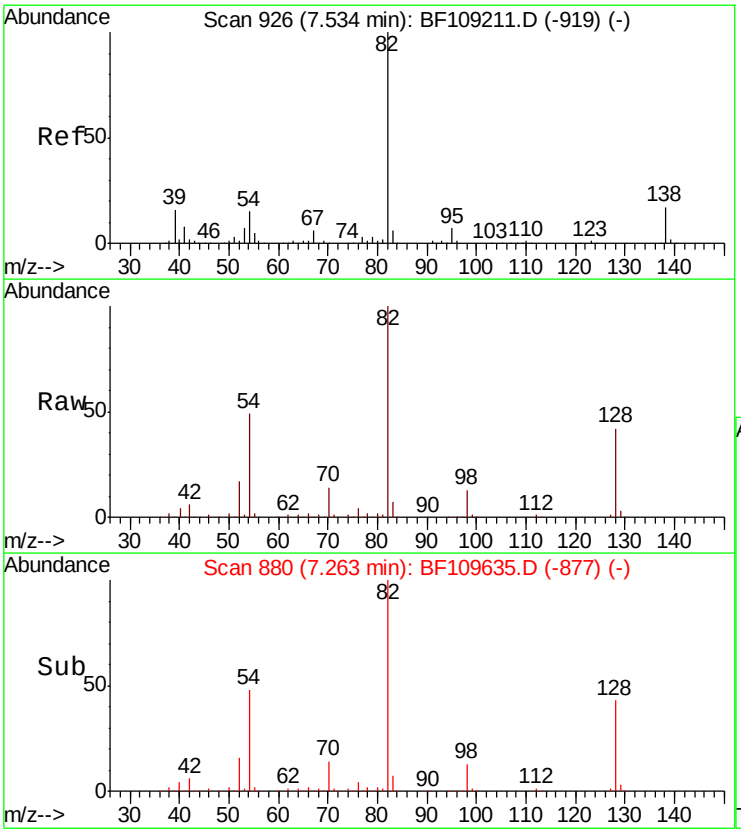
#23
Nitrobenzene-d5
Concen: 102.713 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion: 82 Resp: 587906

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	48.5	41.4	62.2

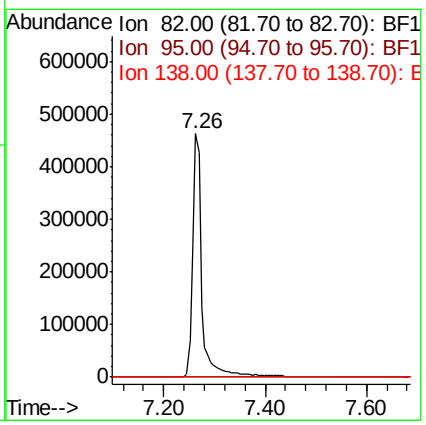


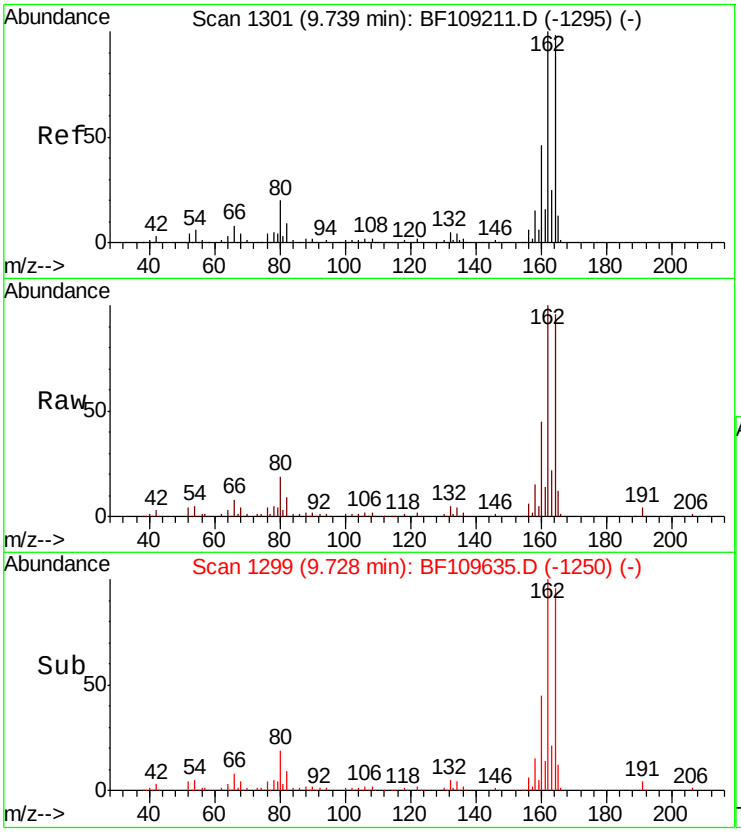


#25
Isophorone
Concen: 55.605 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion: 82 Resp: 573123

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



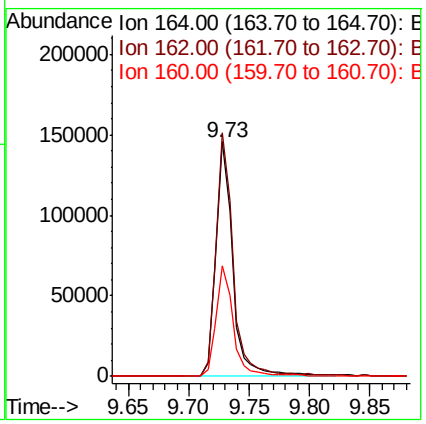


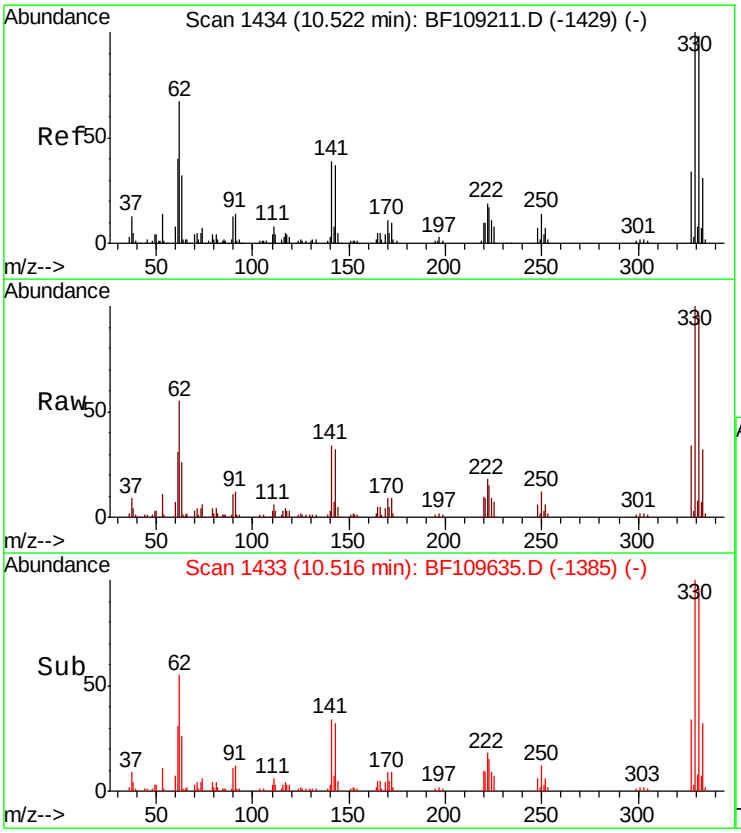
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:164 Resp: 140090

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.9	38.3	57.5

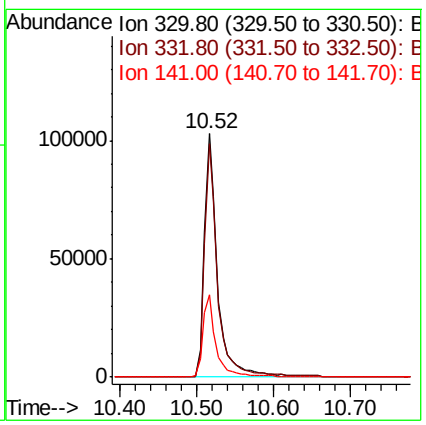


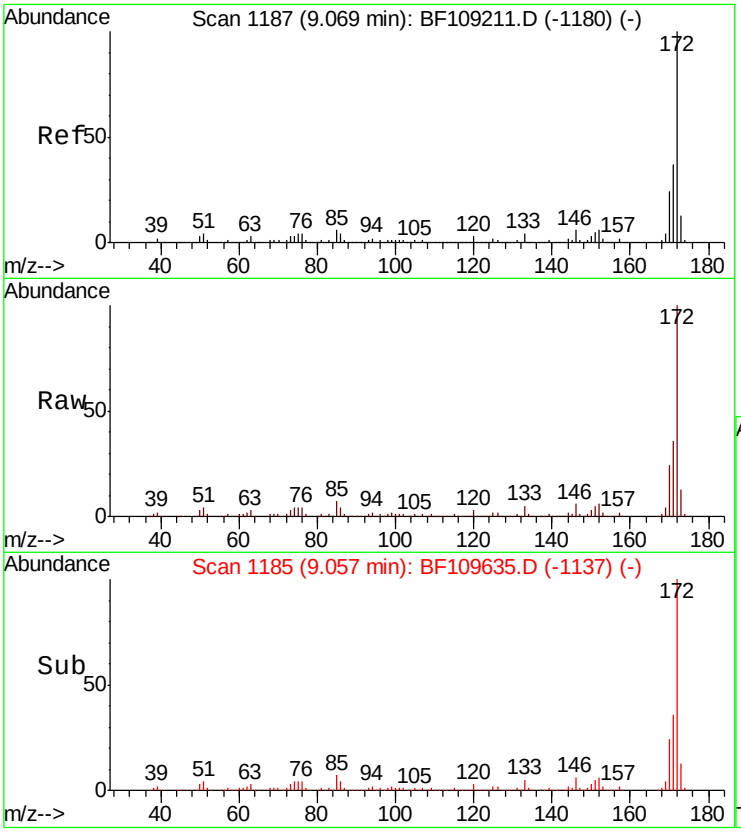


#41
2,4,6-Tribromophenol
Concen: 89.208 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:330 Resp: 123196

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.7	29.9	44.9



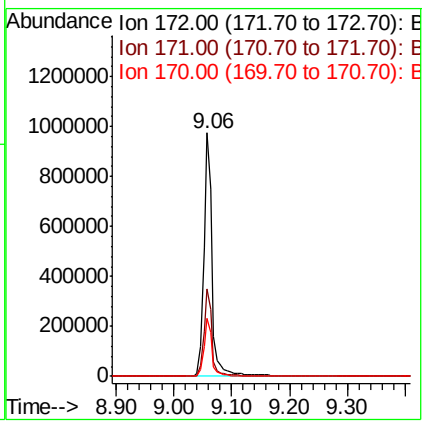


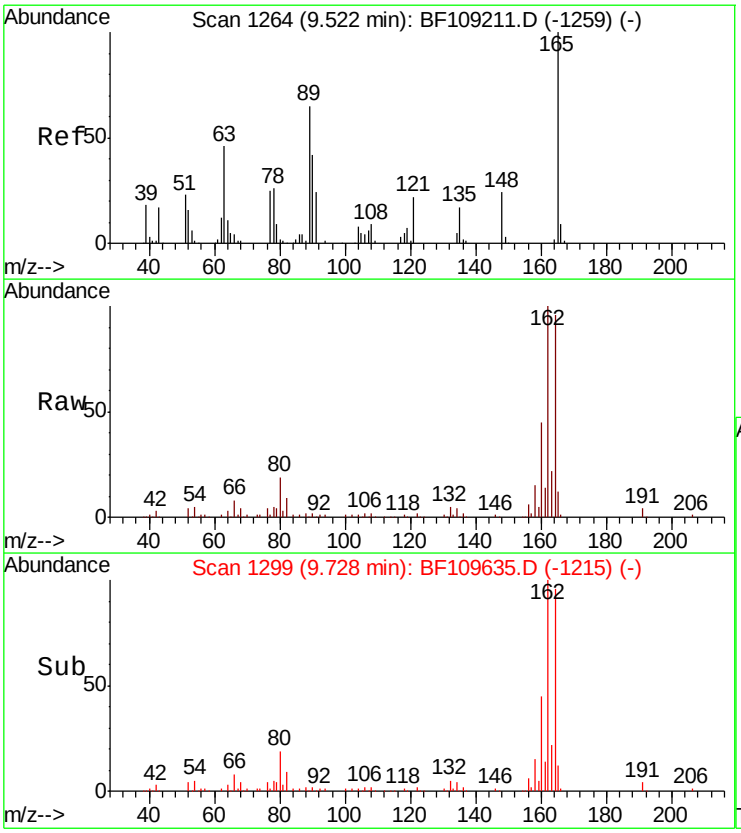
#44
2-Fluorobiphenyl
Concen: 108.068 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:172 Resp: 1003798

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

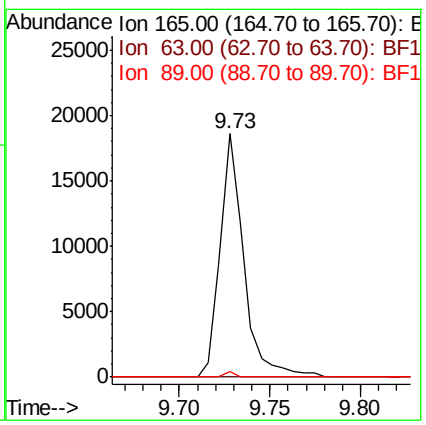


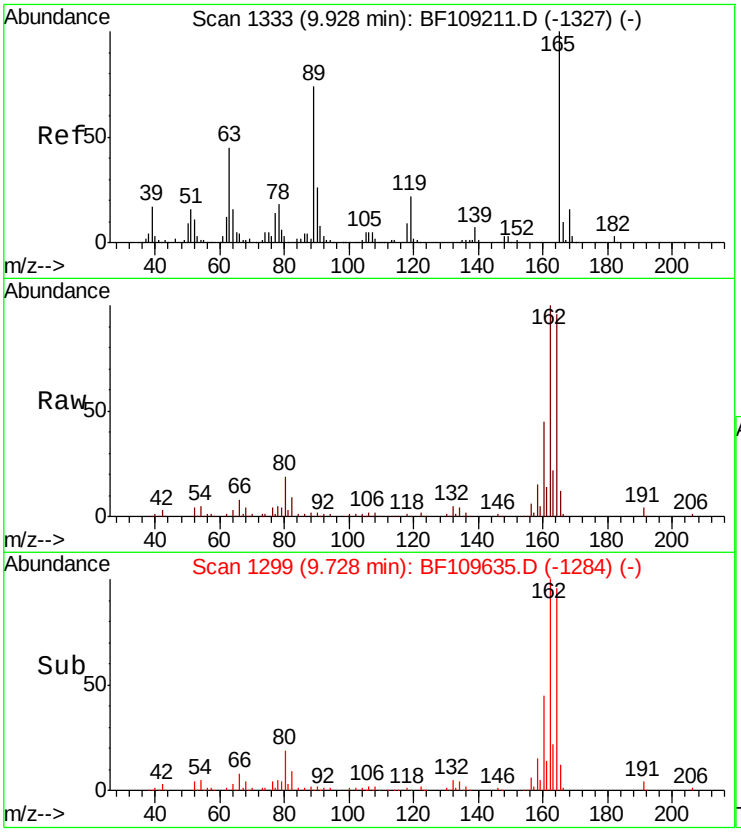


#50
2,6-Dinitrotoluene
Concen: 8.399 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:165 Resp: 16949

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#



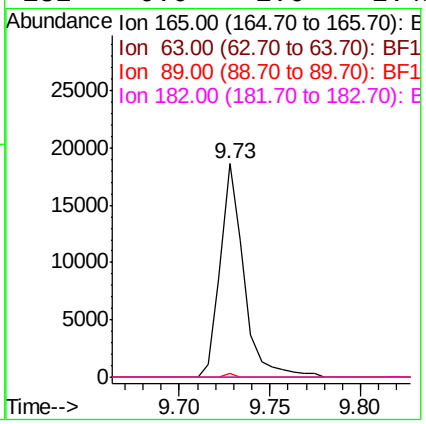


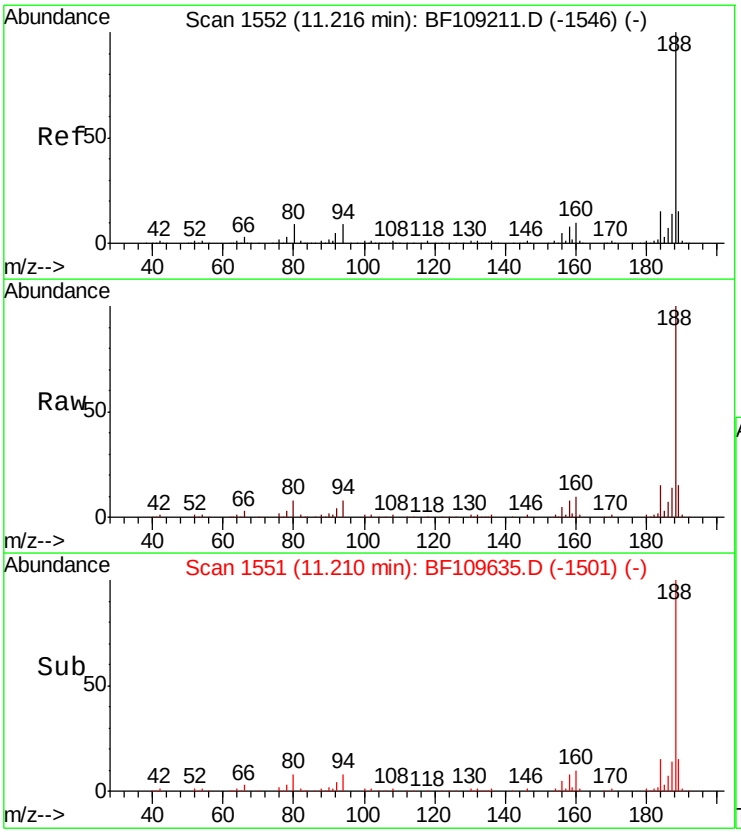
#56
2,4-Dinitrotoluene
Concen: 6.638 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:165 Resp: 16949

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

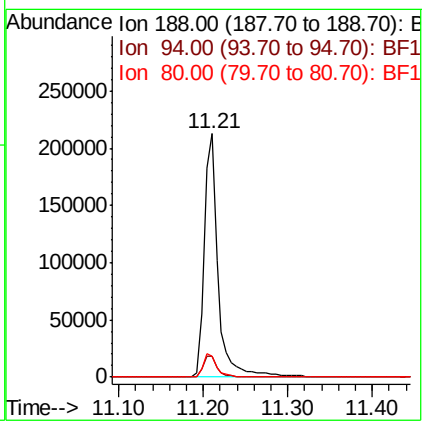


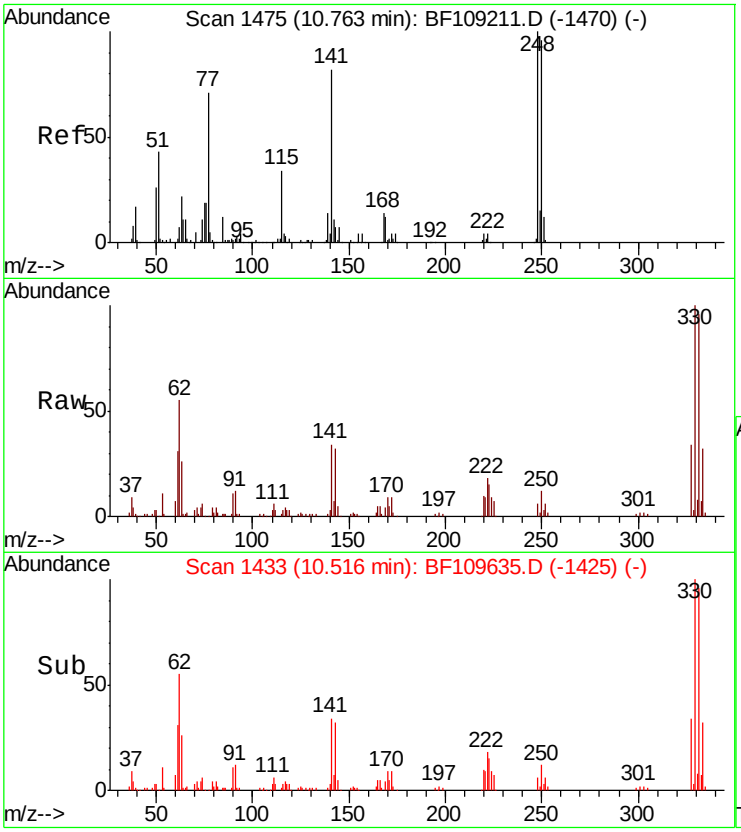


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:188 Resp: 241525

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.4	9.2	13.8#



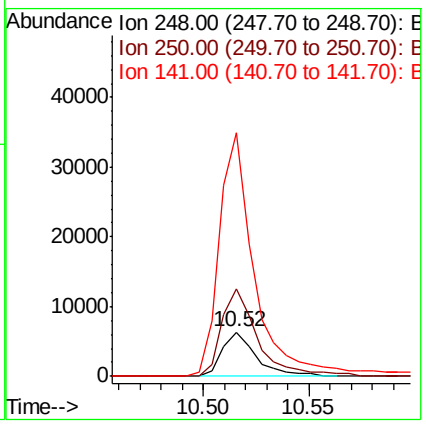


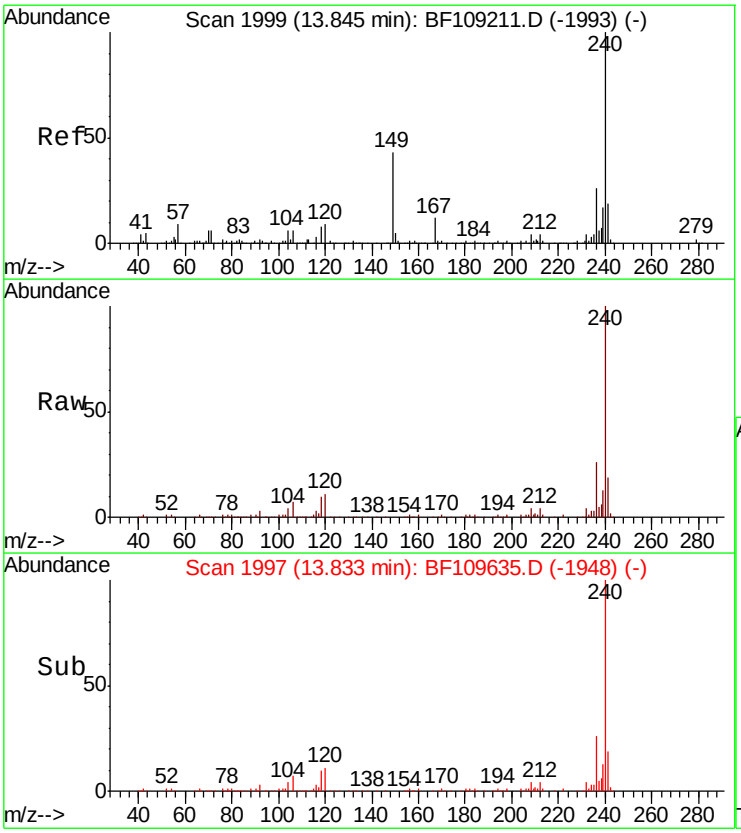
#66
4-Bromophenyl-phenylether
Concen: 2.632 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:248 Resp: 7060

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	551.4	74.4	111.6#

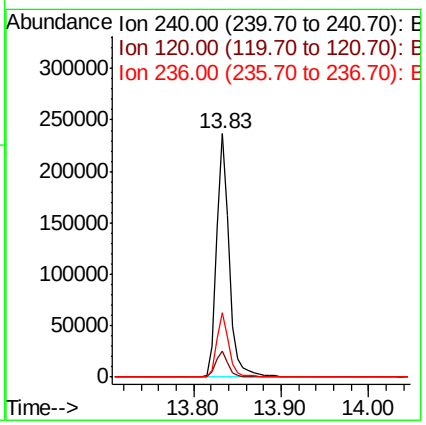


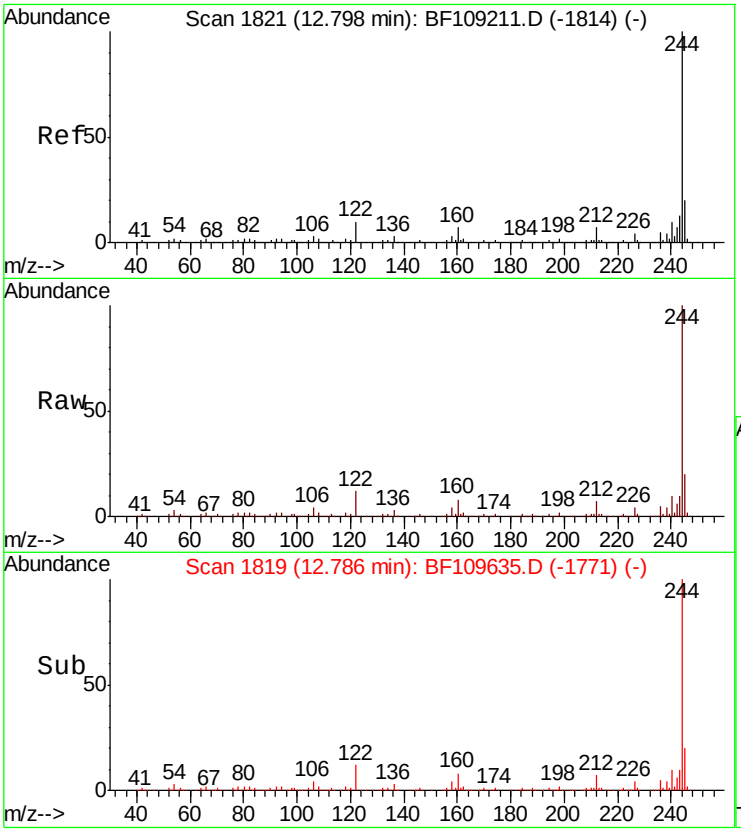


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:240 Resp: 236559

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.4	20.7	31.1



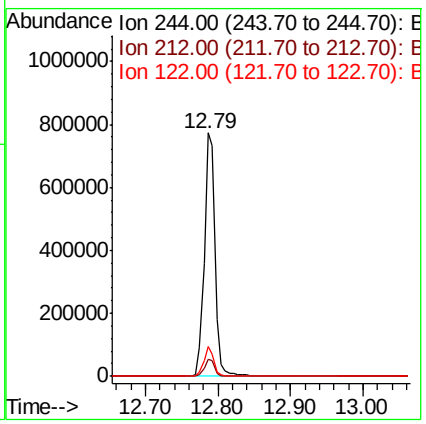


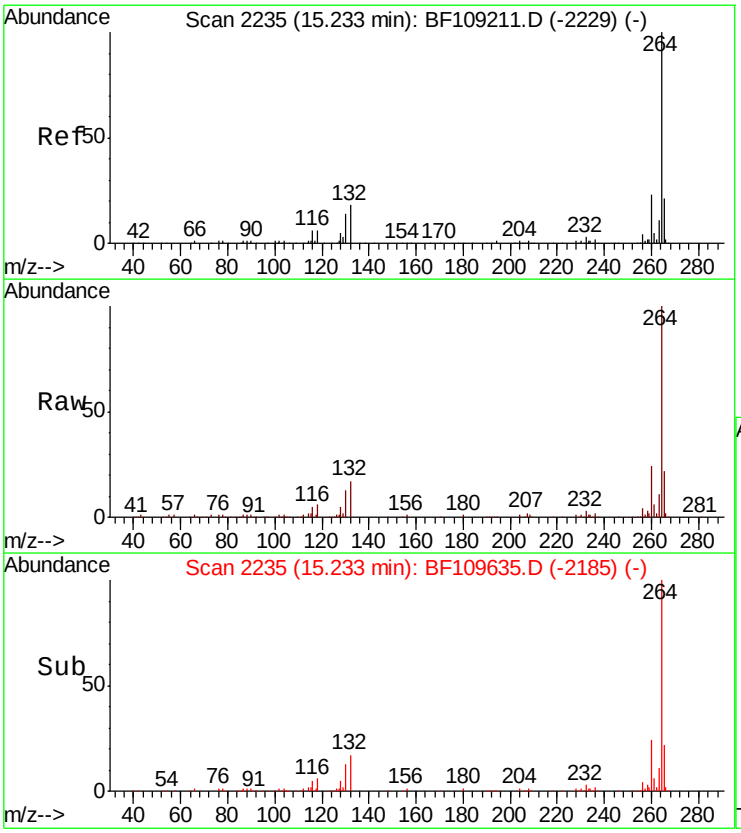
#78
Terphenyl-d14
Concen: 82.516 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109635.D
Acq: 6 Oct 2018 3:37

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-S

Tgt Ion:244 Resp: 795376

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	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: BF109635.D
Acq: 6 Oct 2018 3:37

Tgt Ion:264 Resp: 187006

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3