Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
Data File : BF109504.D
Acq On : 2 Oct 2018 16:30
Operator : JU/SJ
Sample : J5186-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 092718-SIDI-F-D-M

Quant Time: Oct 03 03:07:33 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	111607	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	423760	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	200902	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	379143	20.00	ng	0.00
75) Chrysene-d12	13.84	240	265483	20.00	ng	0.00
86) Perylene-d12	15.24	264	259158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	264564	39.04	ng	0.00
7) Phenol-d6	6.35	99	213437	24.68	ng	-0.01
23) Nitrobenzene-d5	7.27	82	696293	97.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	193060	97.48	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1228168	92.20	ng	-0.01
78) Terphenyl-d14	12.80	244	1105369	102.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11692	2.105	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	94244	16.634	ng	# 78
25) Isophorone	7.27	82	665318	51.469	ng	# 64
49) Dimethylphthalate	9.45	163	40031	2.740	ng	99
50) 2,6-Dinitrotoluene	9.73	165	25026	8.648	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	25026	6.834	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	333	6.709	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11733	2.787	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
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Acq On : 2 Oct 2018 16:30
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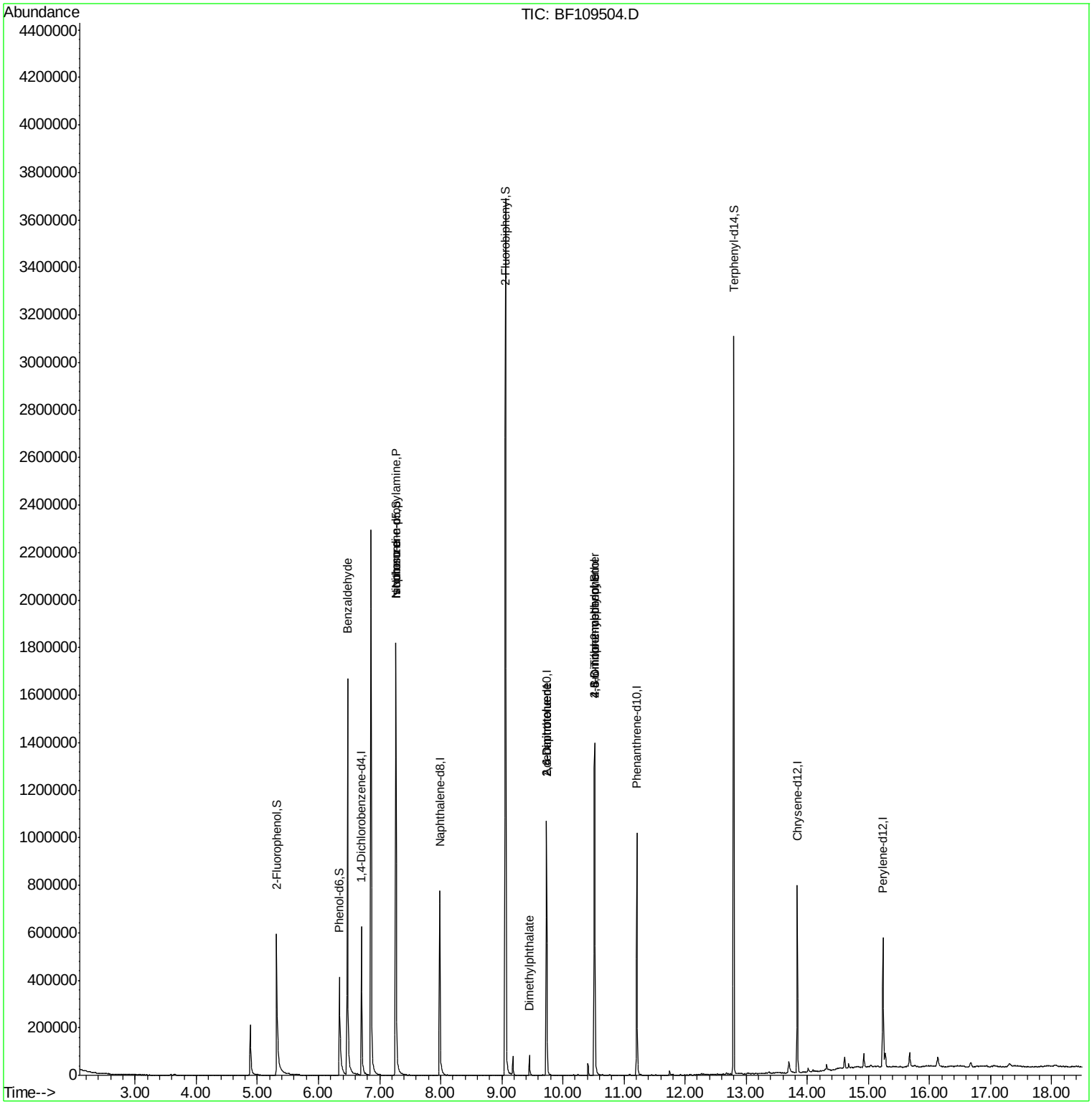
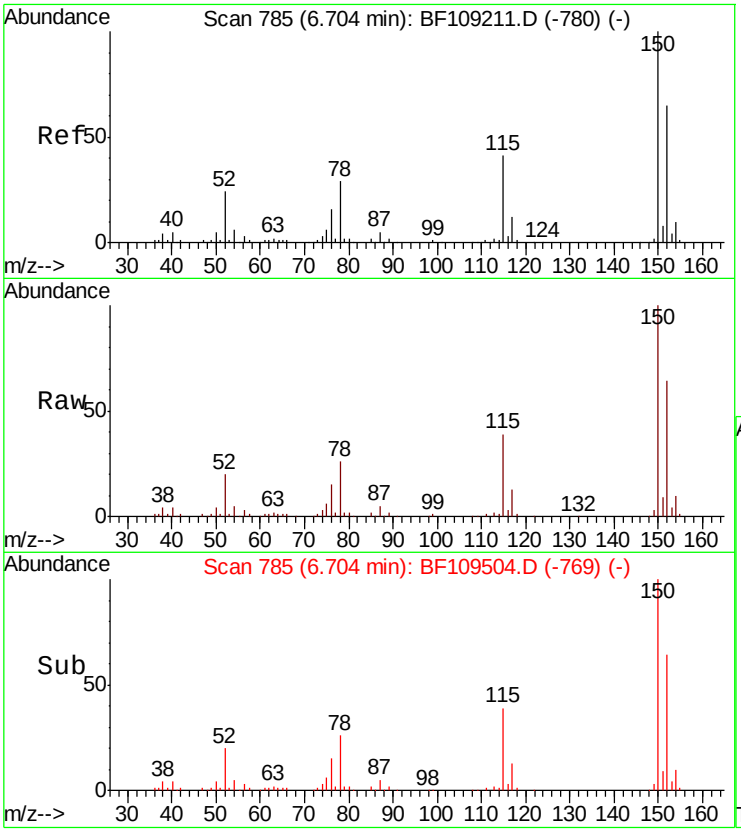
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Quant Time: Oct 03 03:07:33 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



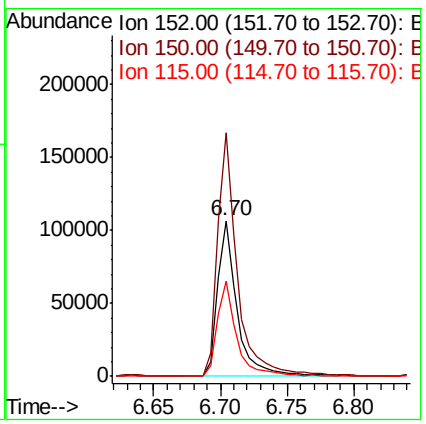


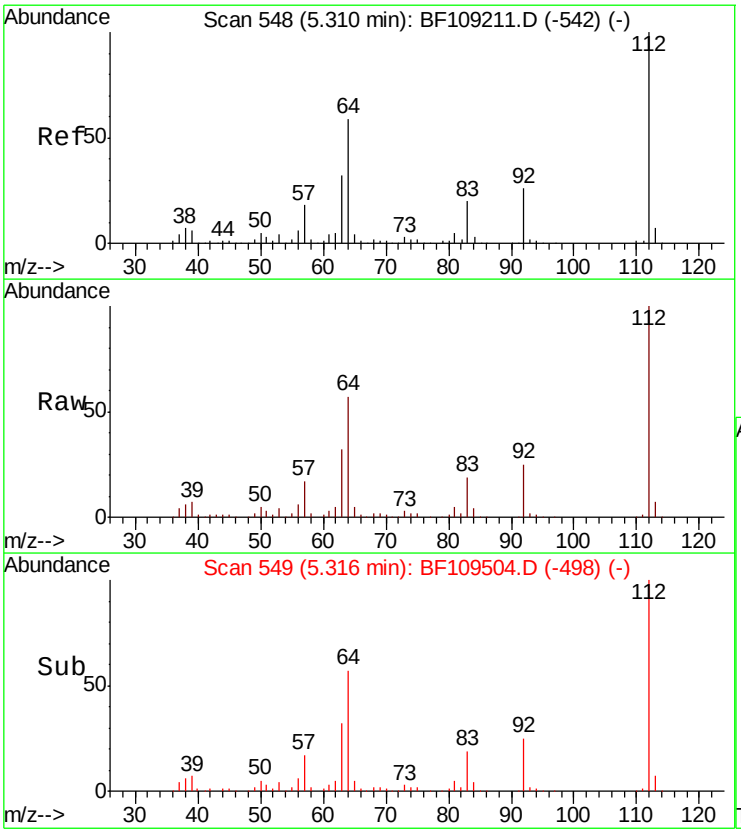
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:152 Resp: 111607

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.9	50.1	75.1

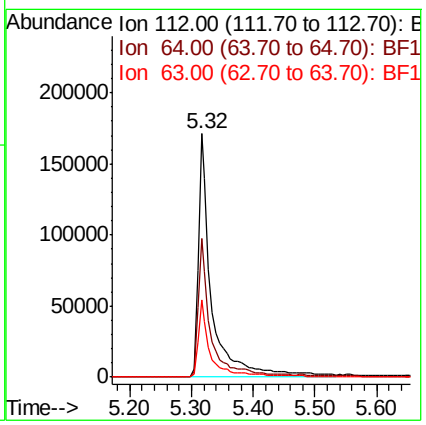


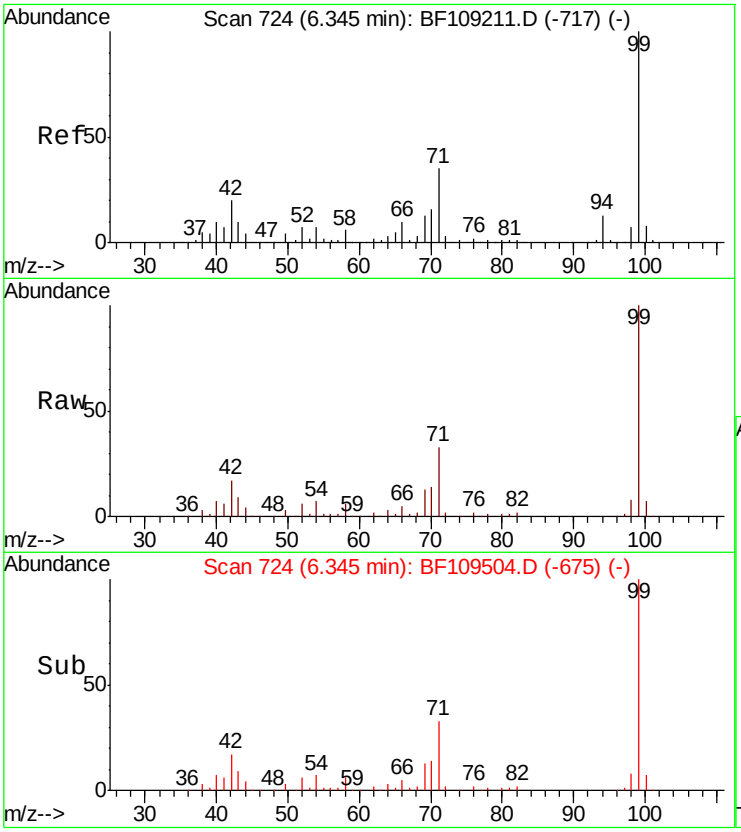


#5
2-Fluorophenol
Concen: 39.044 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:112 Resp: 264564

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	31.7	23.7	35.5



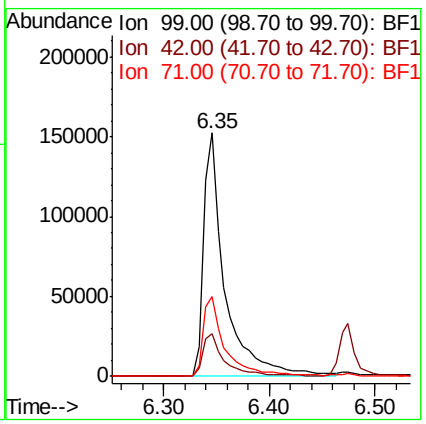


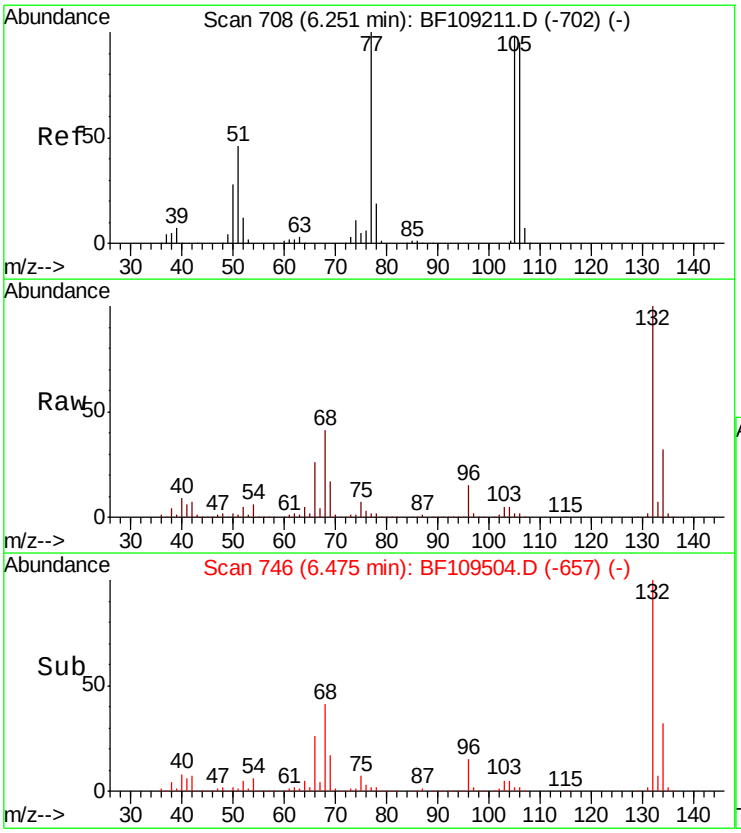
#7
Phenol-d6
Concen: 24.685 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion: 99 Resp: 213437

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	32.9	25.4	38.0

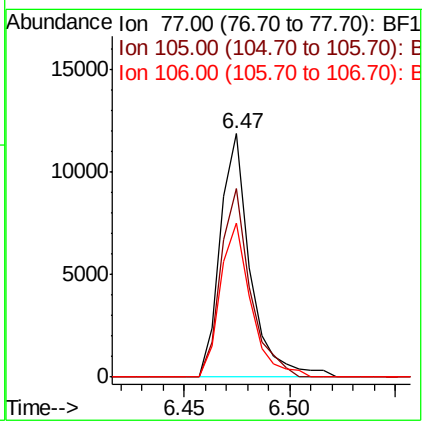


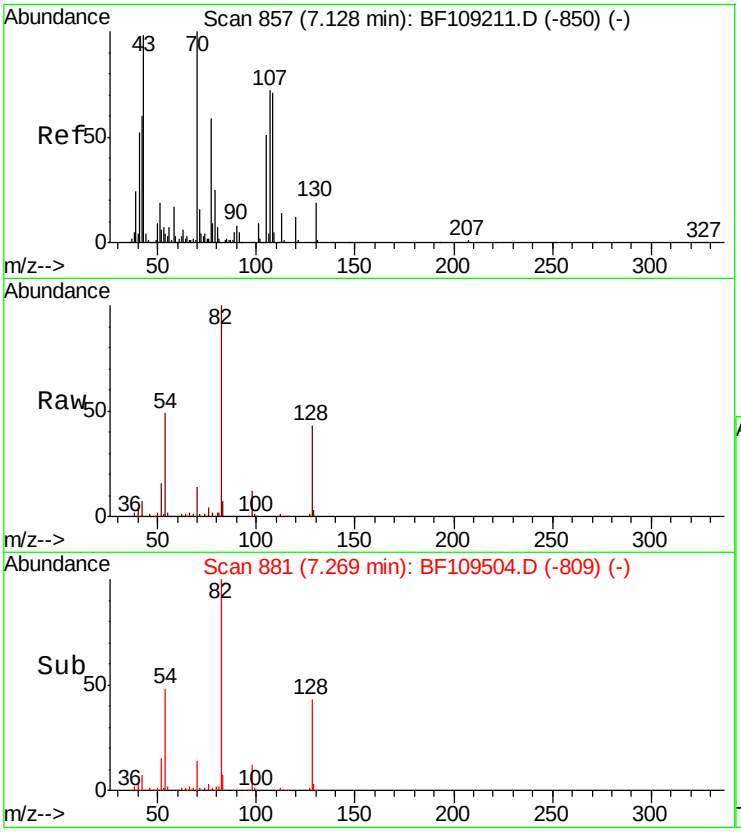


#9
Benzaldehyde
Concen: 2.105 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion: 77 Resp: 11692

Ion	Ratio	Lower	Upper
77	100		
105	77.5	81.1	121.1#
106	63.4	74.5	114.5#



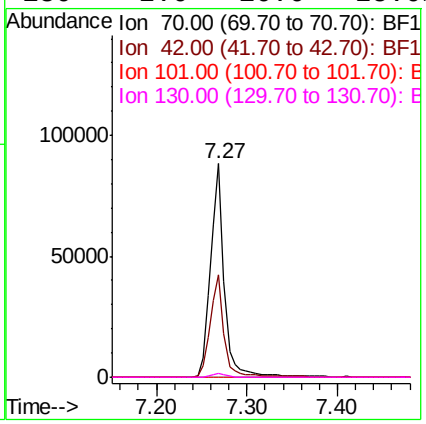


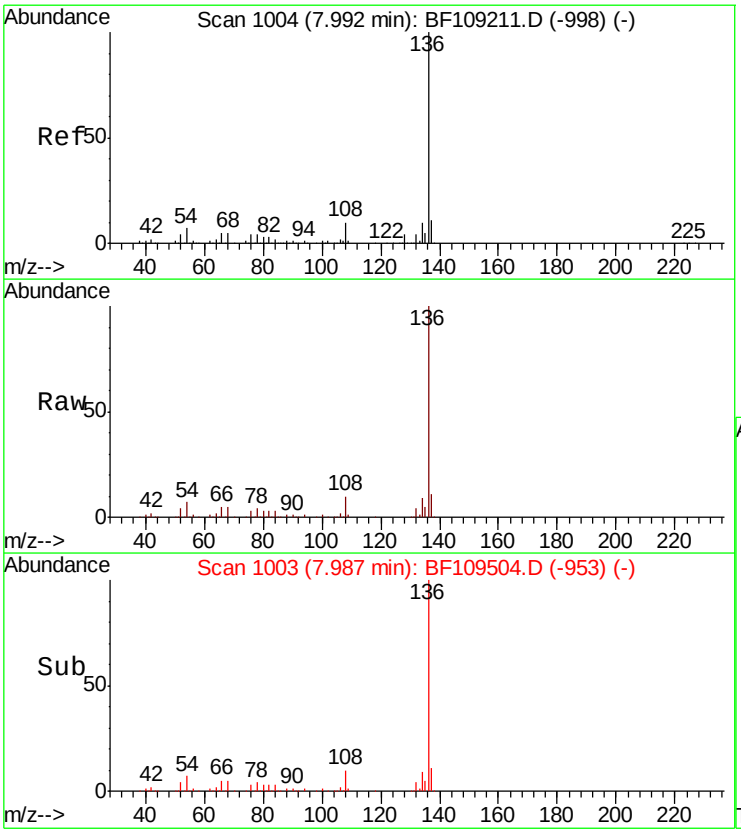
#19
n-Nitroso-di-n-propylamine
Concen: 16.634 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion: 70 Resp: 94244

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

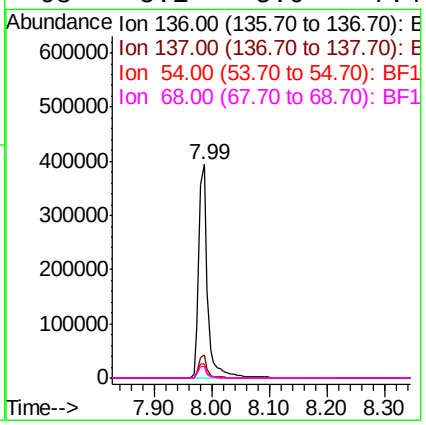


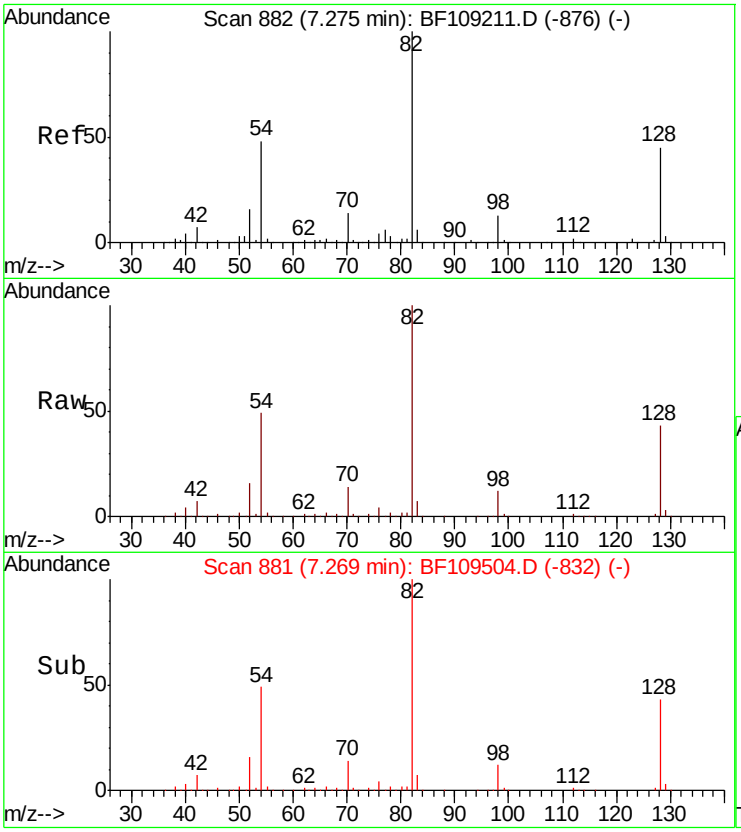


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:136 Resp: 423760

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.1	5.0	7.4



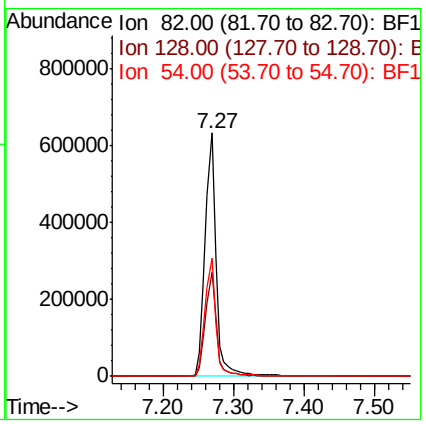


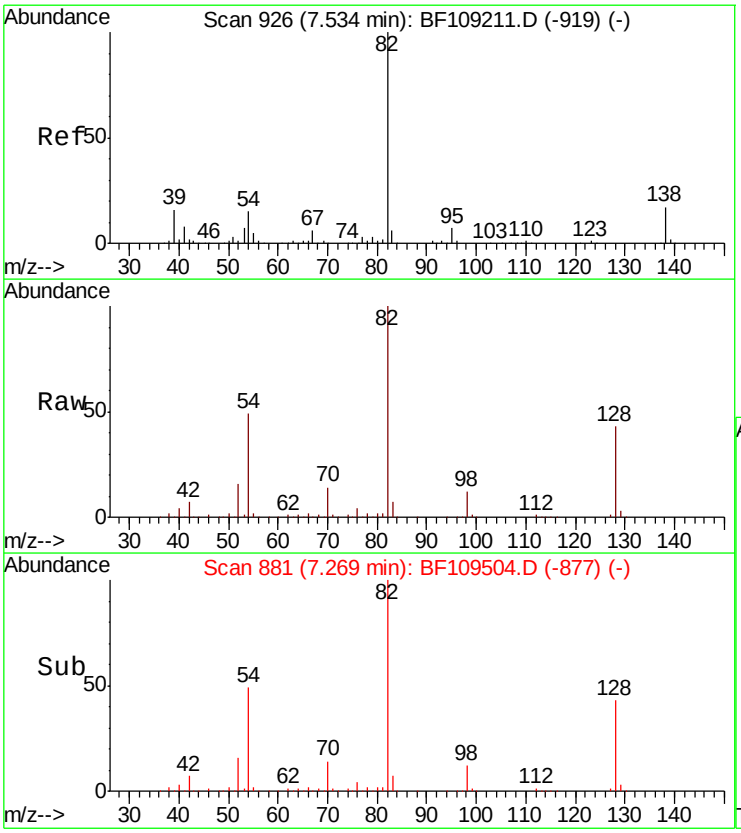
#23
Nitrobenzene-d5
Concen: 96.996 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion: 82 Resp: 696293

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.6	41.4	62.2

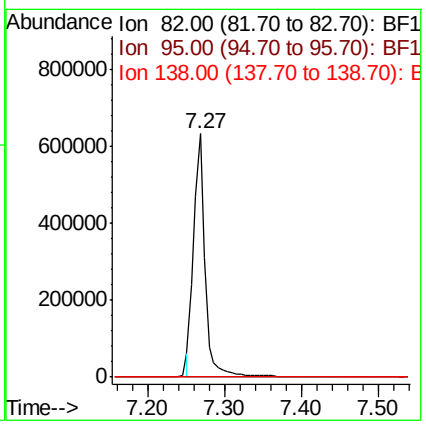


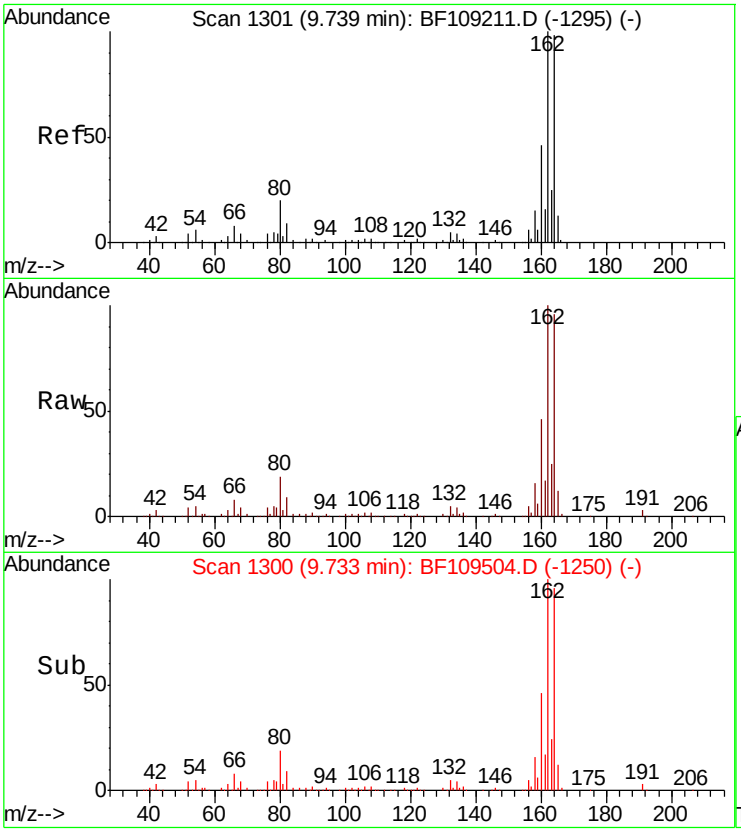


#25
Isophorone
Concen: 51.469 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion: 82 Resp: 665318

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



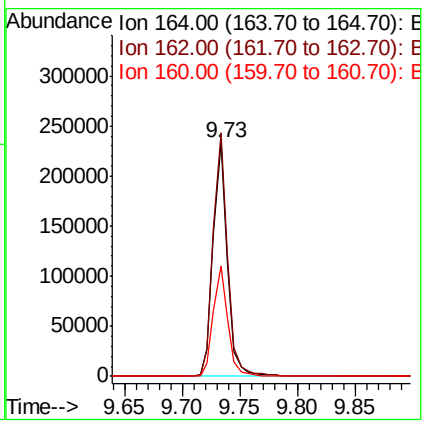


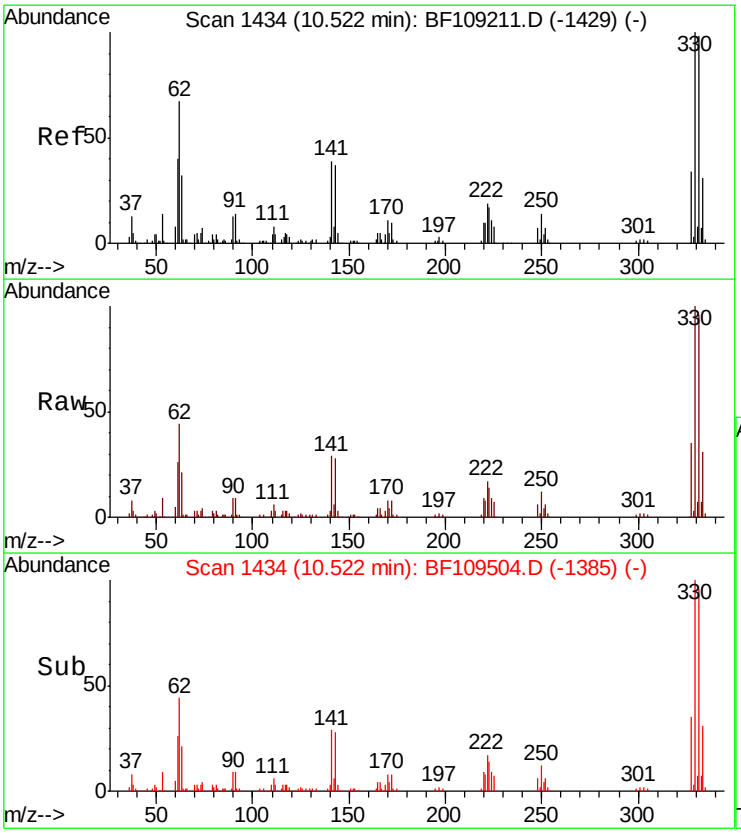
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:164 Resp: 200902

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.4	38.3	57.5

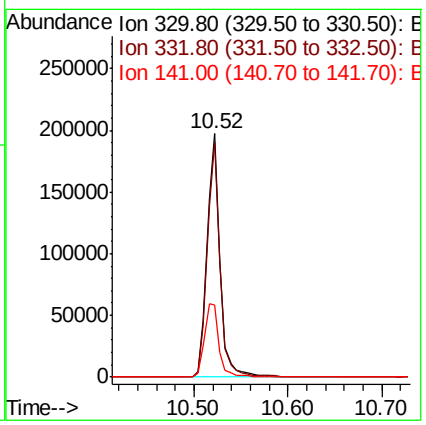


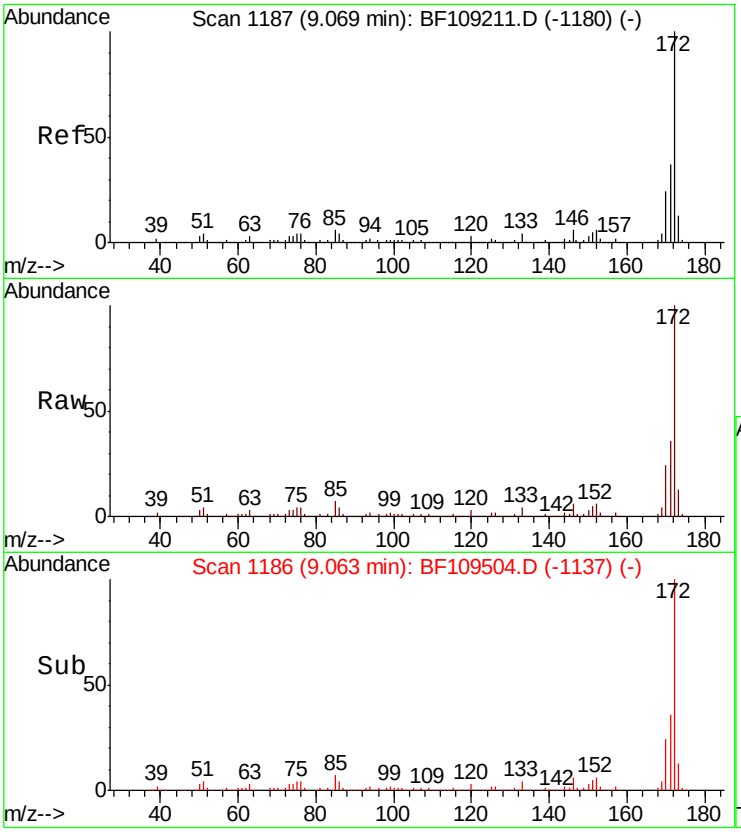


#41
2,4,6-Tribromophenol
Concen: 97.482 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:330 Resp: 193060

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.2	29.9	44.9



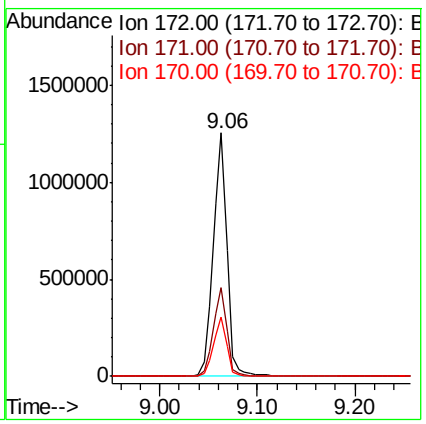


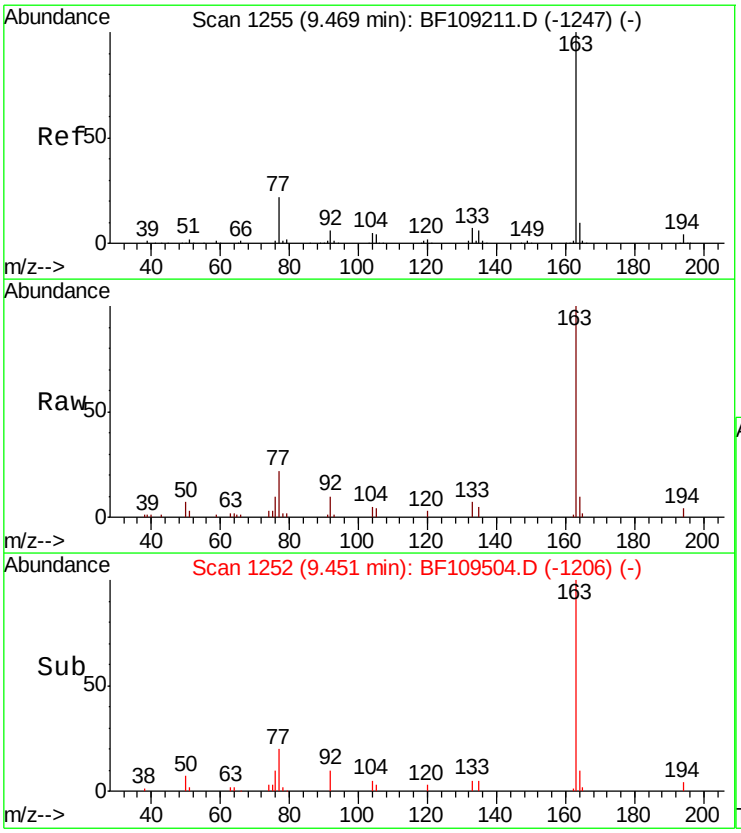
#44
2-Fluorobiphenyl
Concen: 92.200 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:172 Resp: 1228168

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

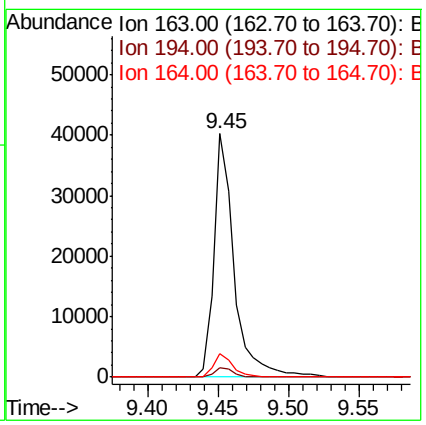


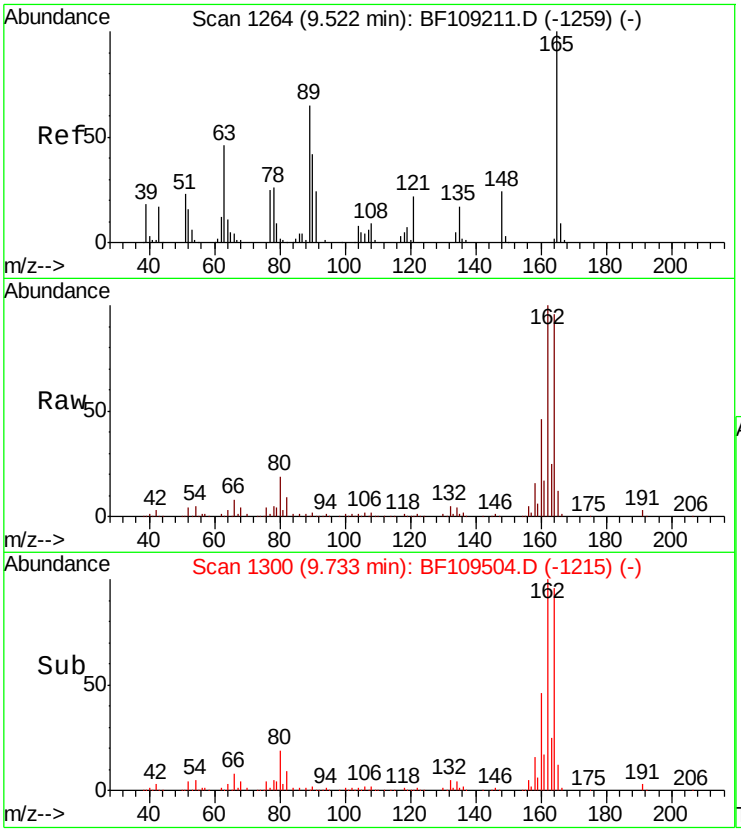


#49
Dimethylphthalate
Concen: 2.740 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:163 Resp: 40031

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2



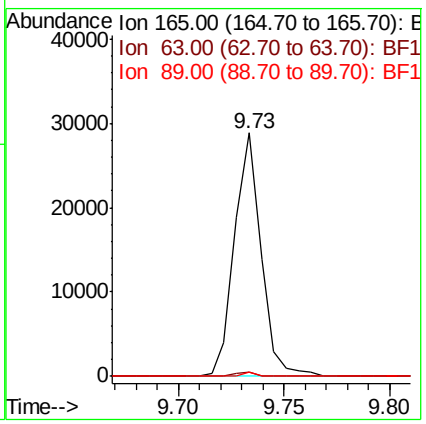


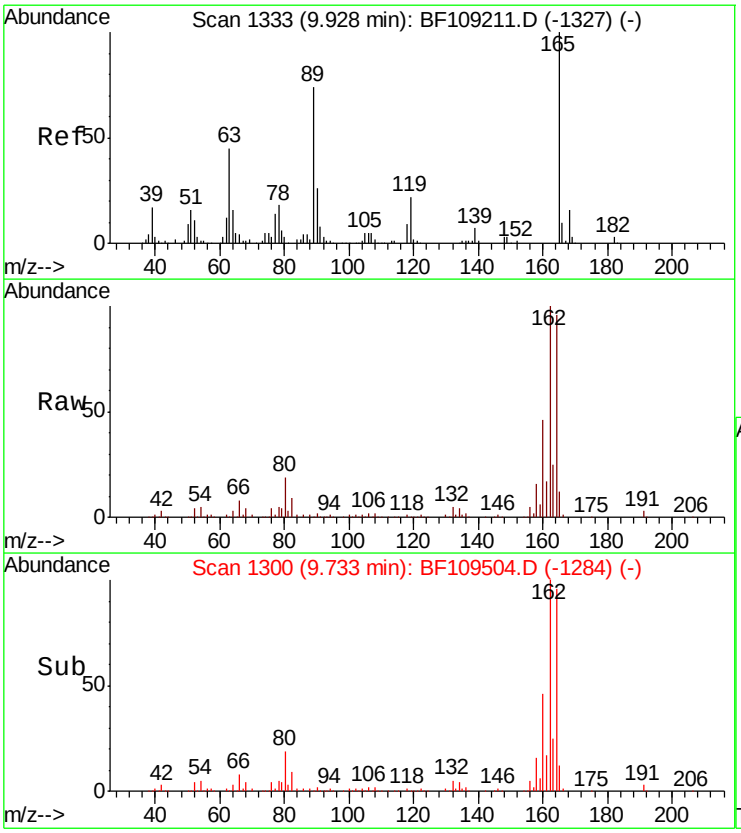
#50
2,6-Dinitrotoluene
Concen: 8.648 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:165 Resp: 25026

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.9	44.0	66.0#

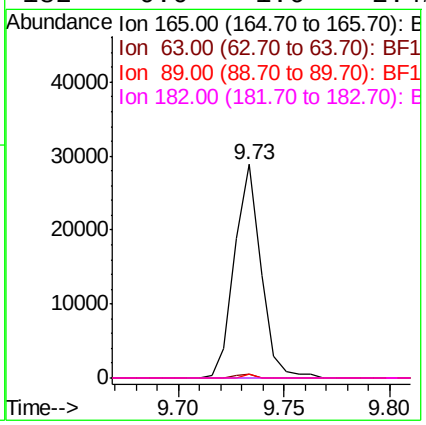


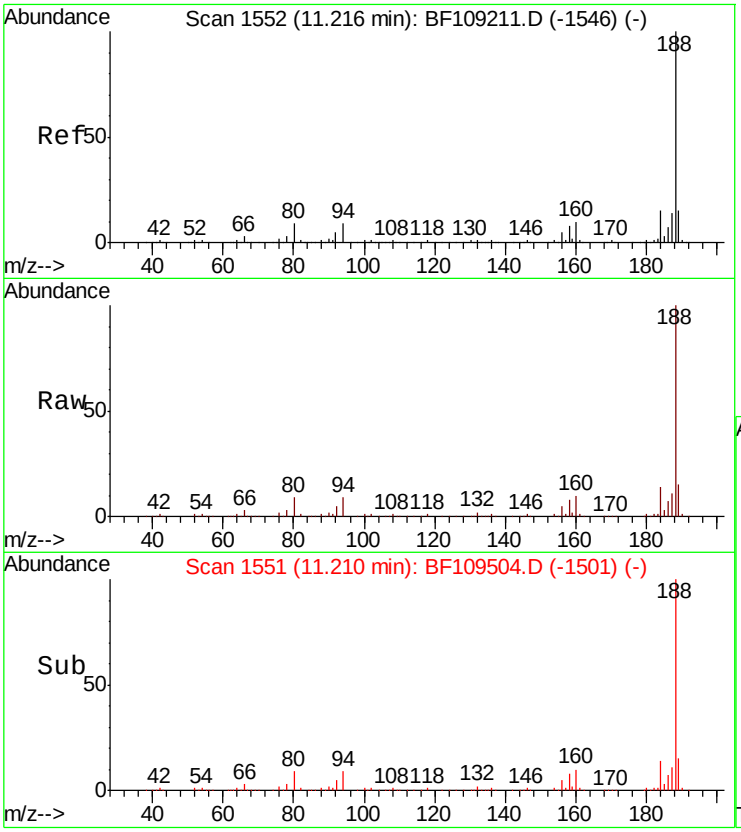


#56
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:165 Resp: 25026

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



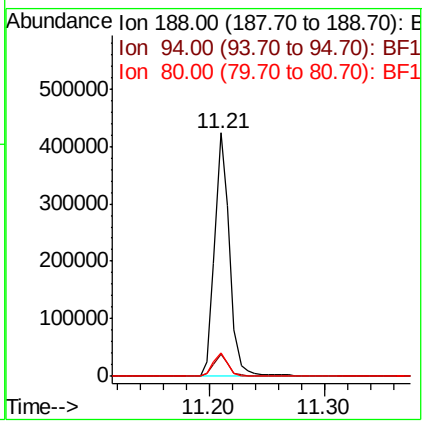


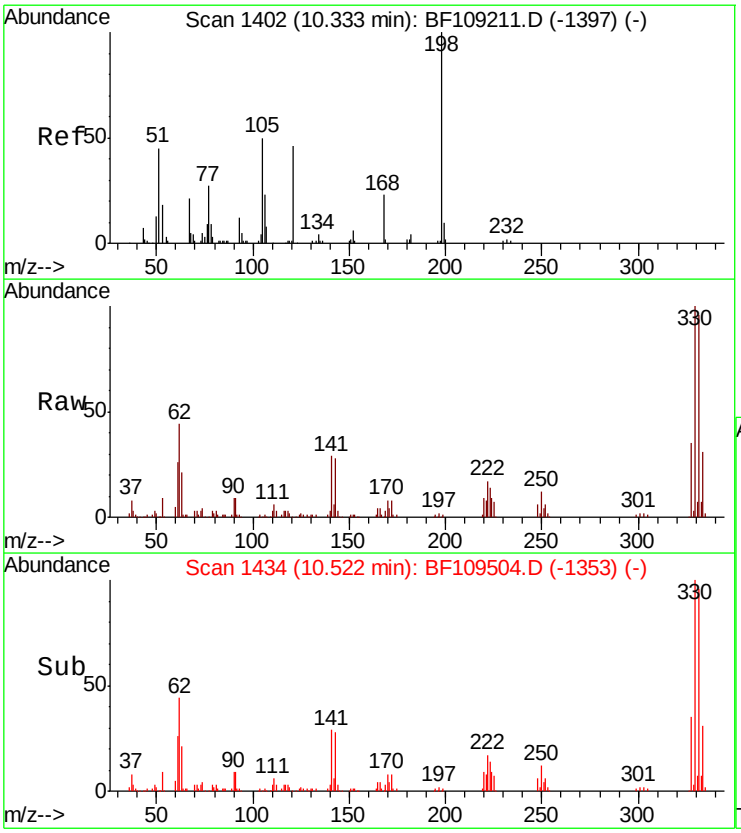
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:188 Resp: 379143

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

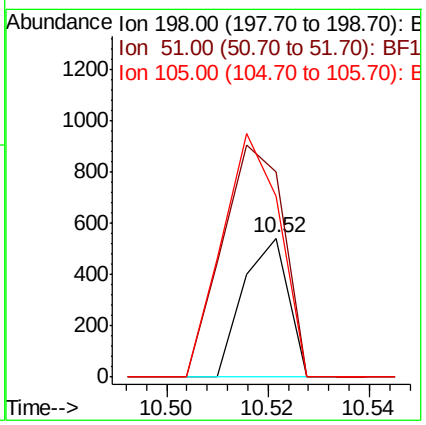


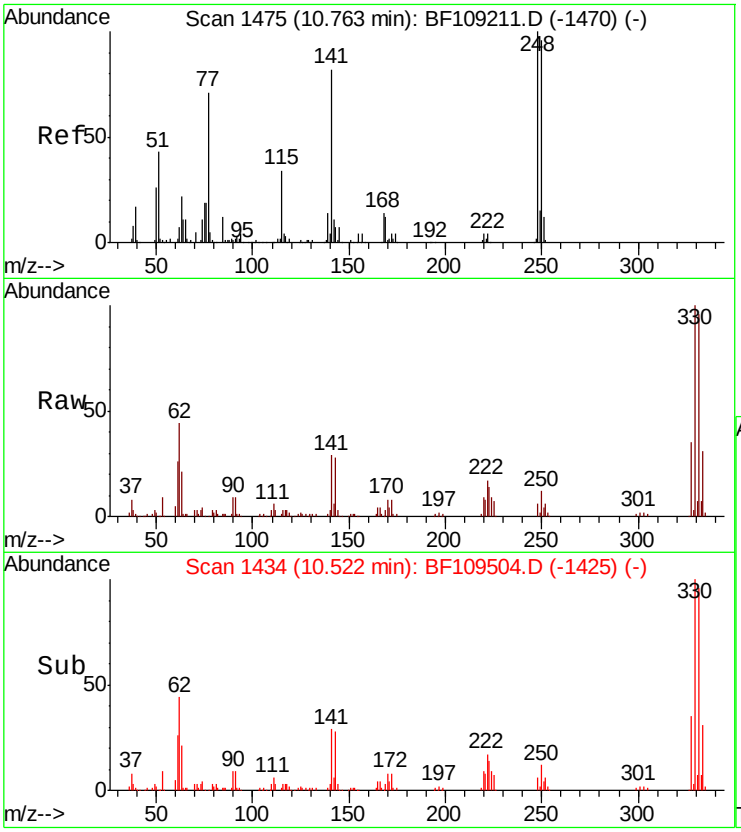


#64
4,6-Dinitro-2-methylphenol
Concen: 6.709 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:198 Resp: 333

Ion	Ratio	Lower	Upper
198	100		
51	147.6	37.7	77.7#
105	130.6	36.3	76.3#



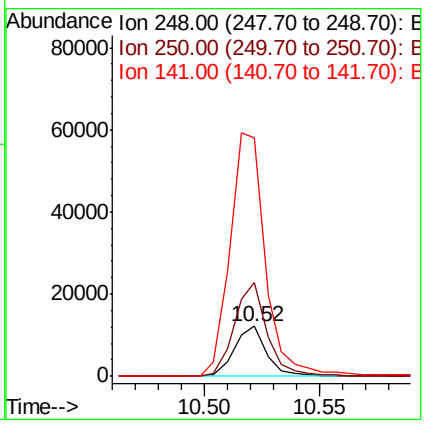


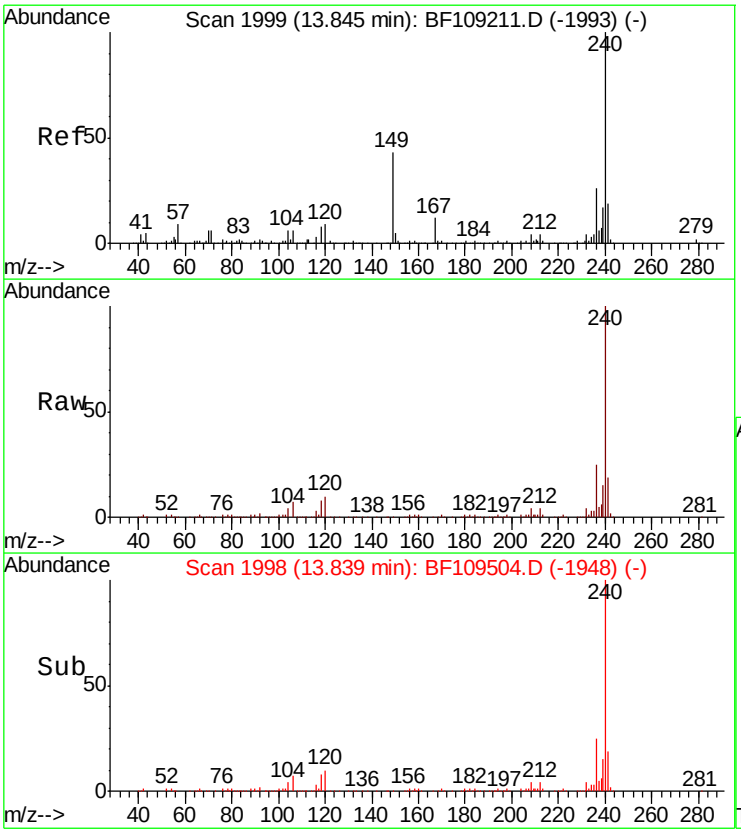
#66
4-Bromophenyl-phenylether
Concen: 2.787 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:248 Resp: 11733

Ion	Ratio	Lower	Upper
248	100		
250	187.8	76.9	115.3#
141	476.6	74.4	111.6#

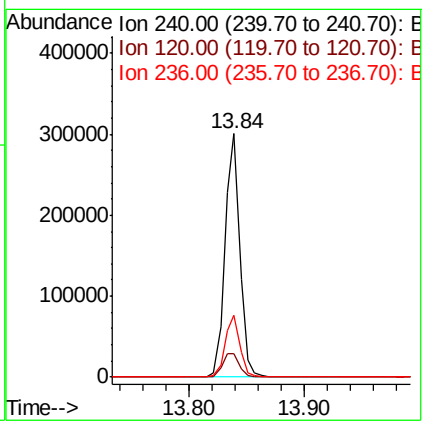


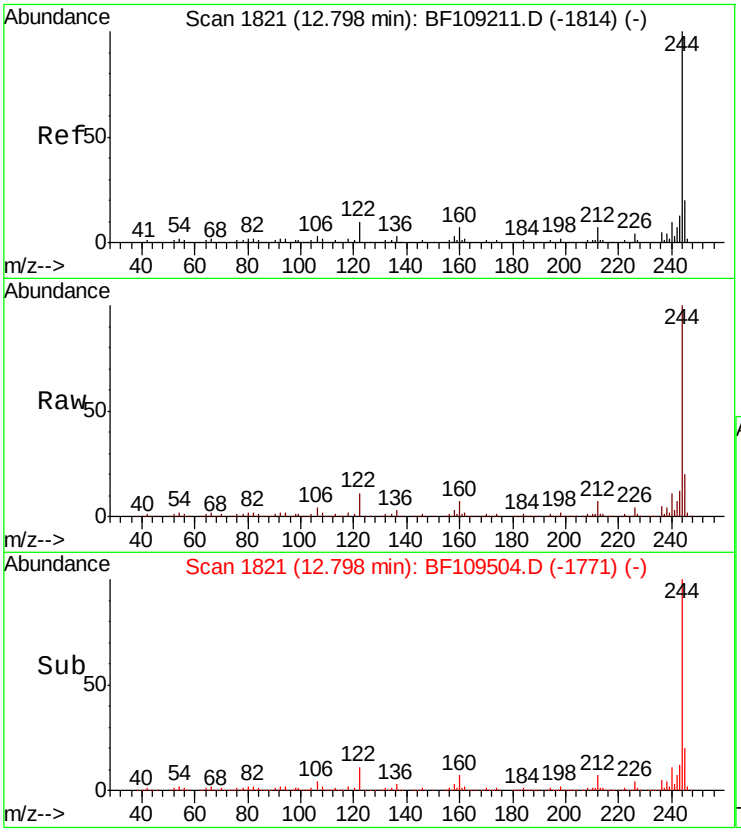


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:240 Resp: 265483

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.2	20.7	31.1



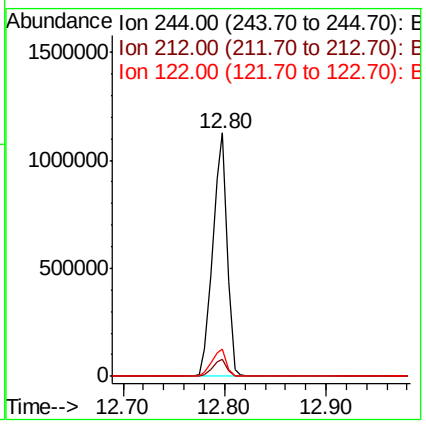


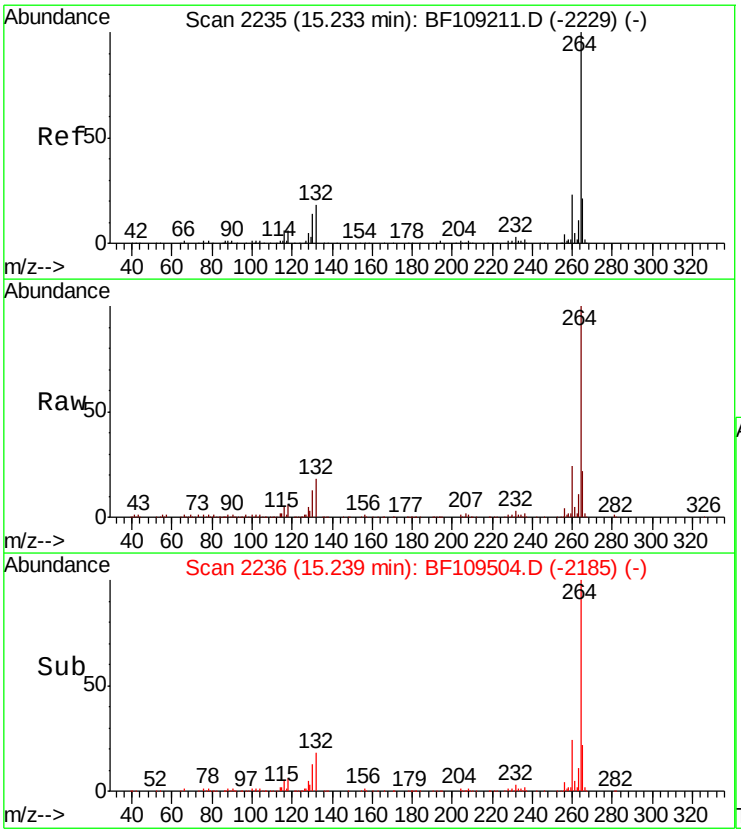
#78
Terphenyl-d14
Concen: 102.182 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tgt Ion:244 Resp: 1105369

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:264 Resp: 259158

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3