Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109373.D
Acq On : 27 Sep 2018 8:00
Operator : JU/SJ
Sample : J5051-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 092118-TIPC-F-U-B

Quant Time: Sep 27 11:29:25 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	111778	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408818	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	171445	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	292748	20.00	ng	0.00
75) Chrysene-d12	13.84	240	296098	20.00	ng	0.00
86) Perylene-d12	15.24	264	244251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	279209	41.14	ng	0.00
7) Phenol-d6	6.34	99	221687	25.60	ng	-0.02
23) Nitrobenzene-d5	7.27	82	682958	98.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	156047	92.33	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1101528	96.90	ng	-0.01
78) Terphenyl-d14	12.80	244	1077667	89.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11859	2.132	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	94007	16.567	ng	# 78
25) Isophorone	7.27	82	651748	52.262	ng	# 64
49) Dimethylphthalate	9.46	163	64495	5.172	ng	99
56) 2,4-Dinitrotoluene	9.73	165	21326	6.825	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	317	6.753	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9593	2.951	ng	# 1

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

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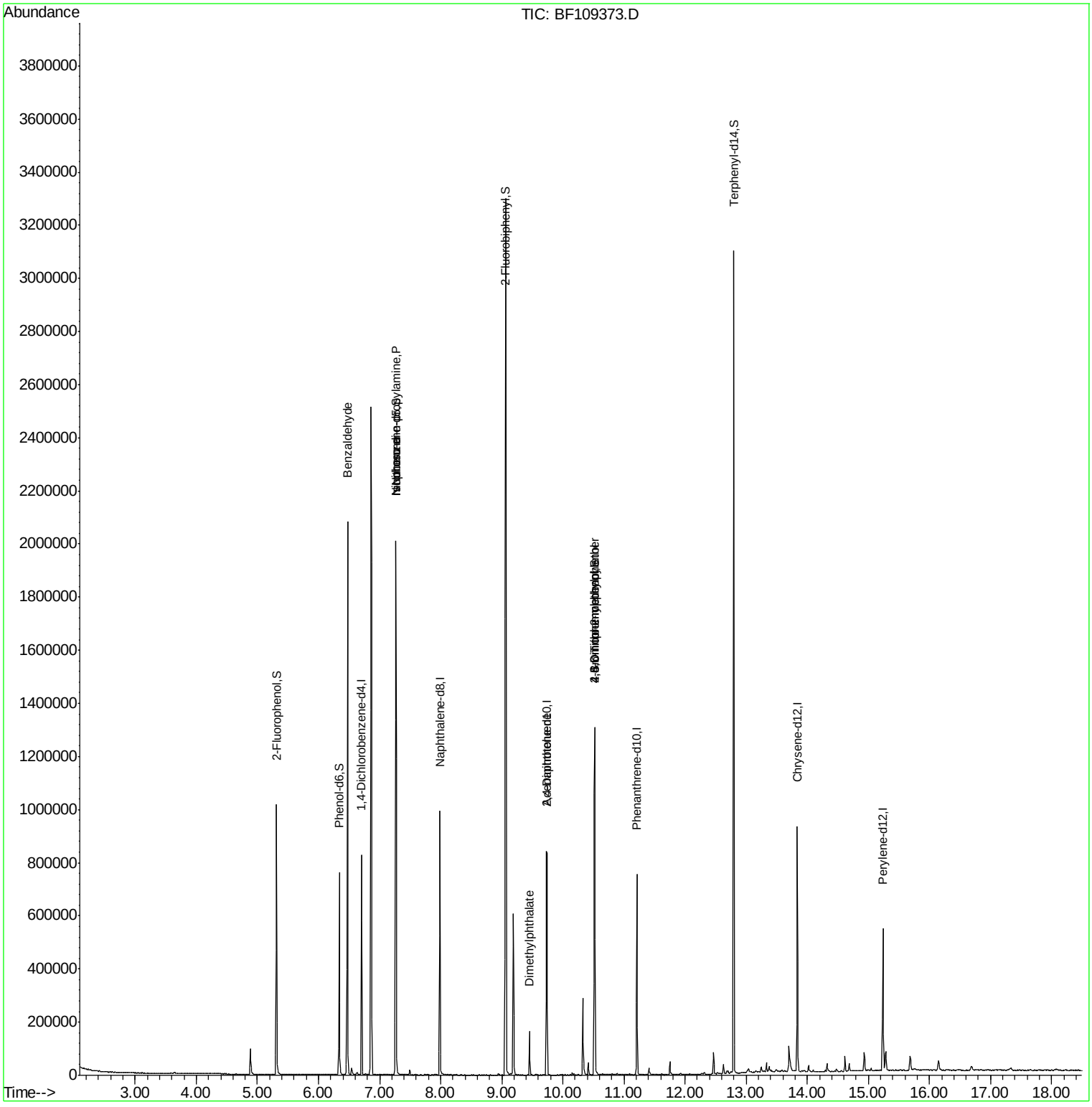
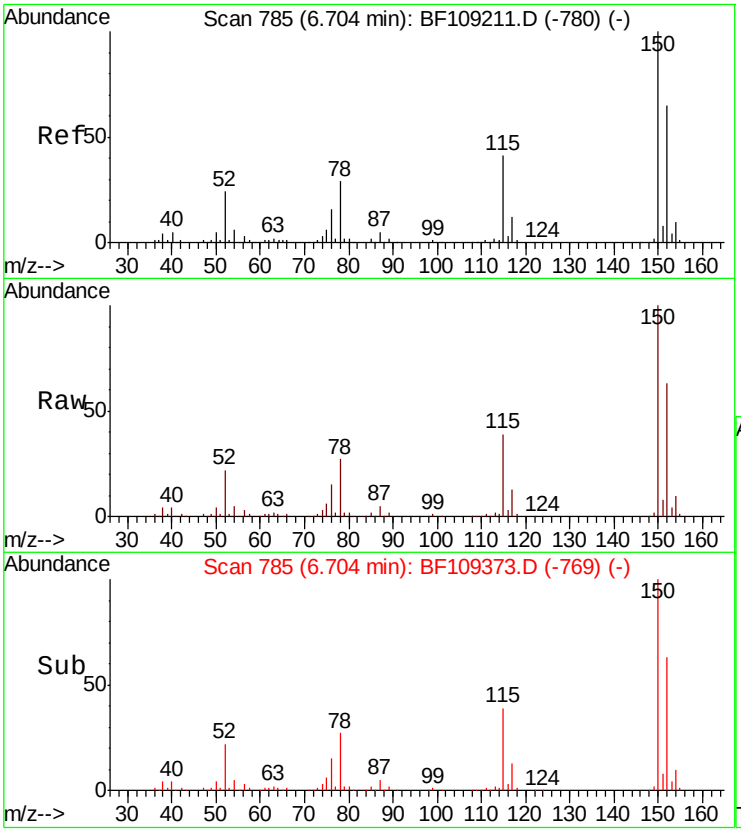


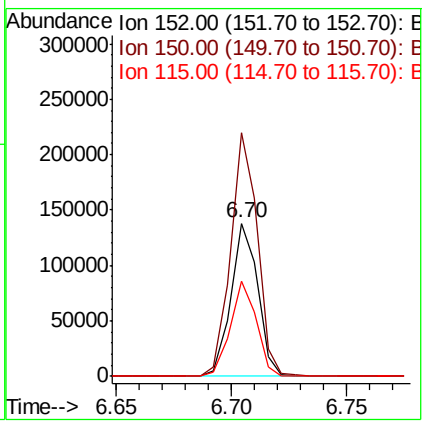


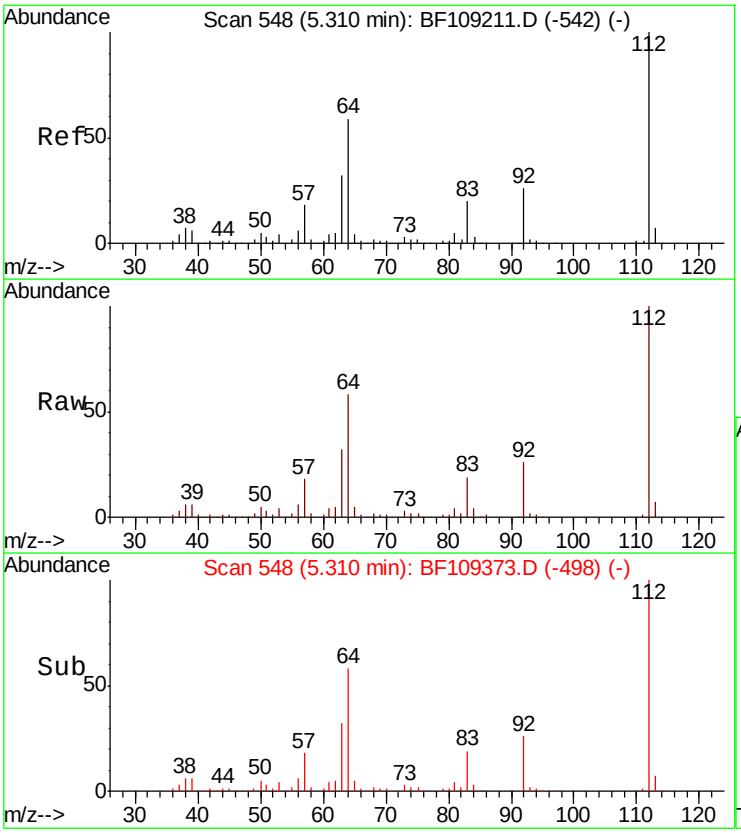
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:152 Resp: 111778

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	62.4	50.1	75.1

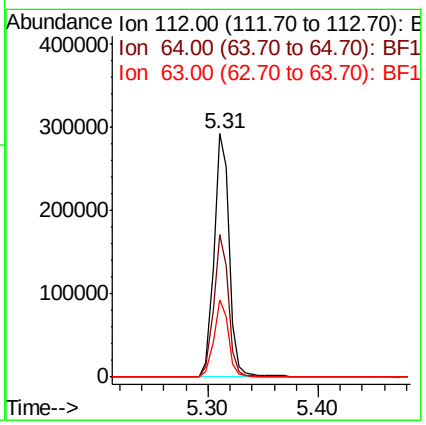


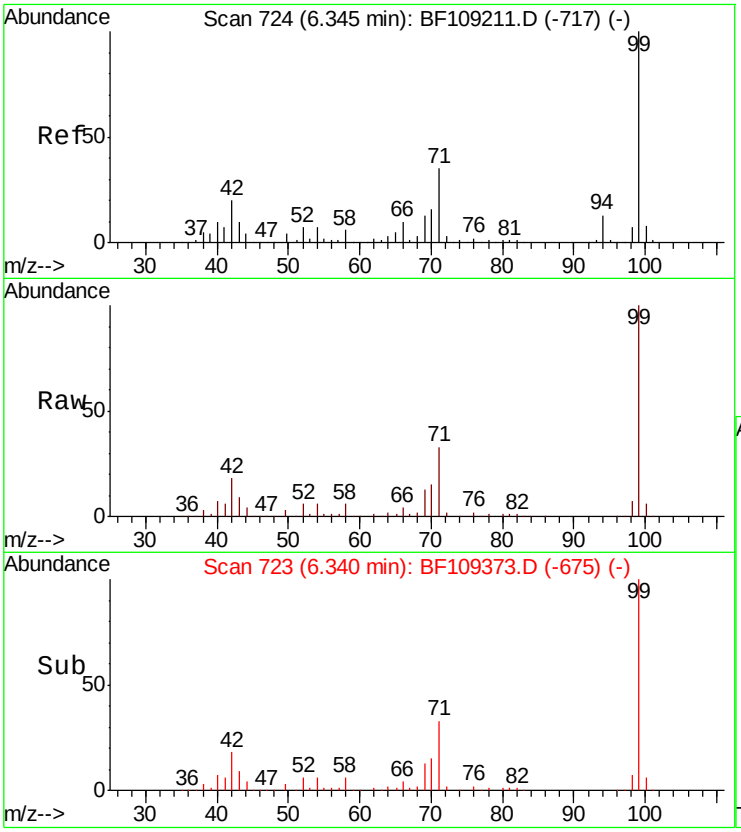


#5
2-Fluorophenol
Concen: 41.142 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:112 Resp: 279209

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	31.8	23.7	35.5



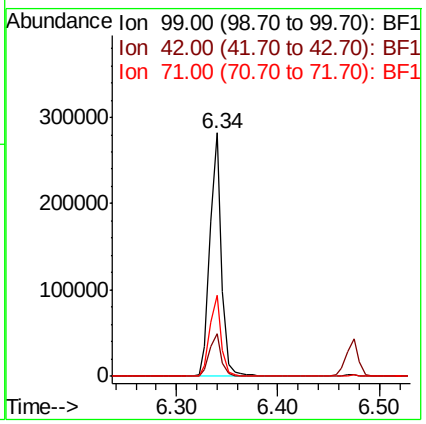


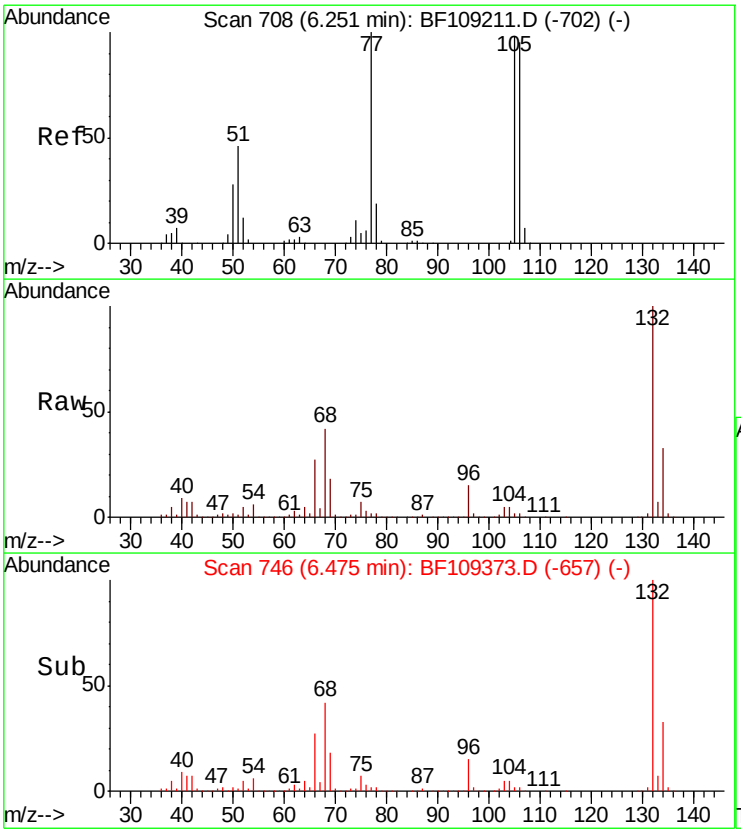
#7
Phenol-d6
Concen: 25.600 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion: 99 Resp: 221687

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	33.4	25.4	38.0

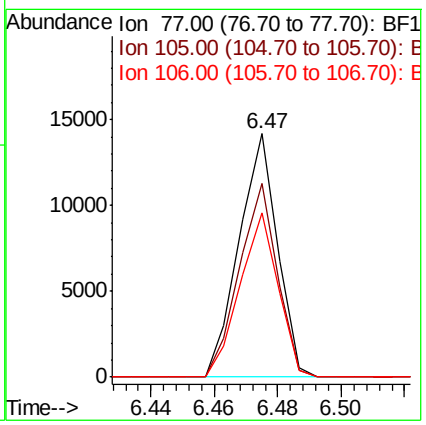


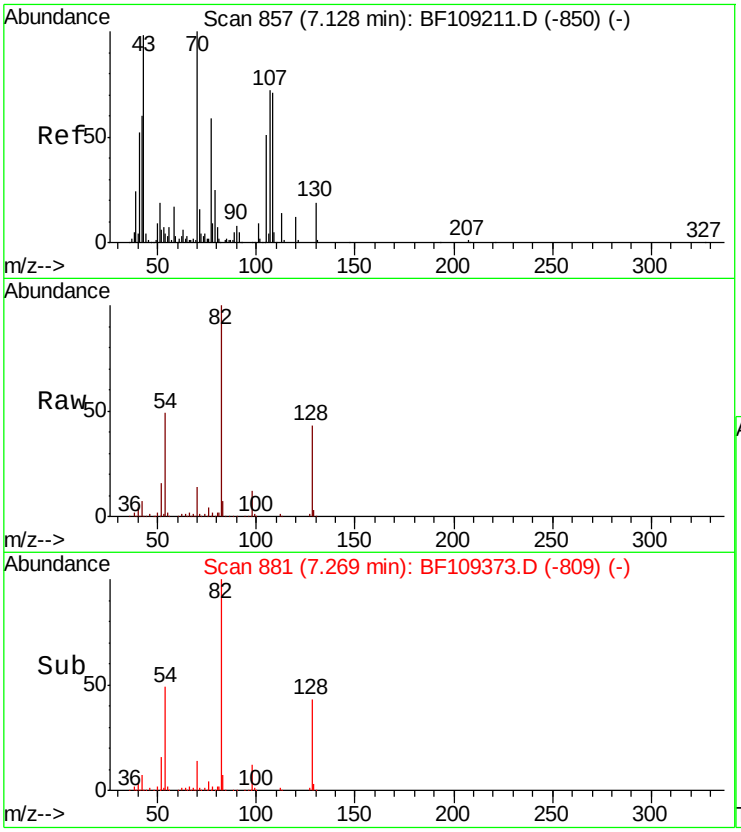


#9
Benzaldehyde
Concen: 2.132 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion: 77 Resp: 11859

Ion	Ratio	Lower	Upper
77	100		
105	79.4	81.1	121.1#
106	67.5	74.5	114.5#



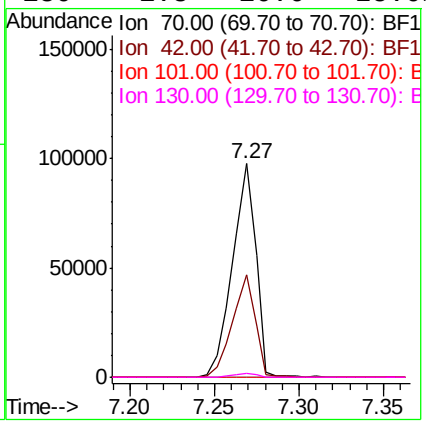


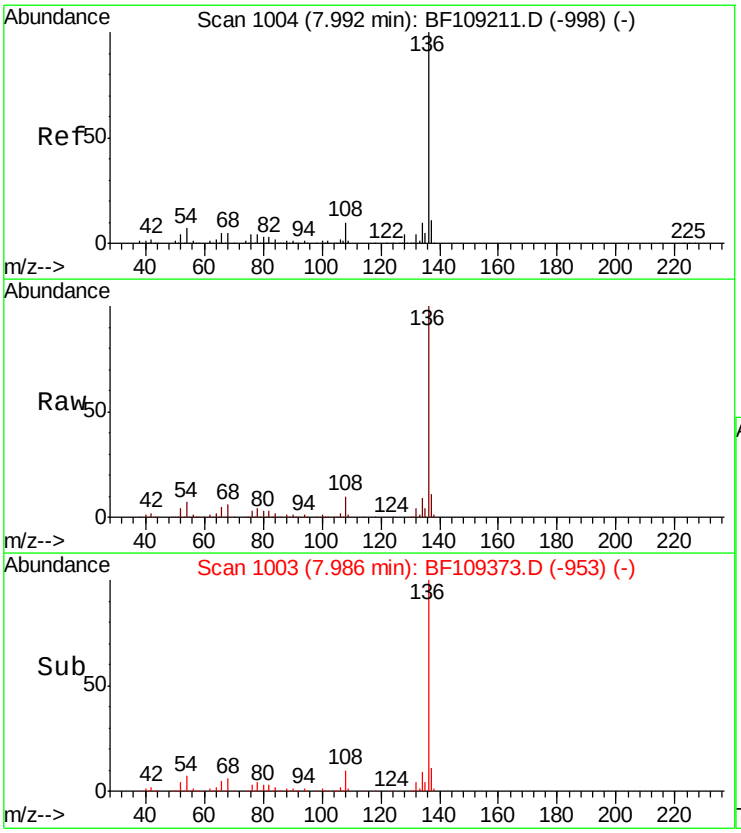
#19
n-Nitroso-di-n-propylamine
Concen: 16.567 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion: 70 Resp: 94007

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

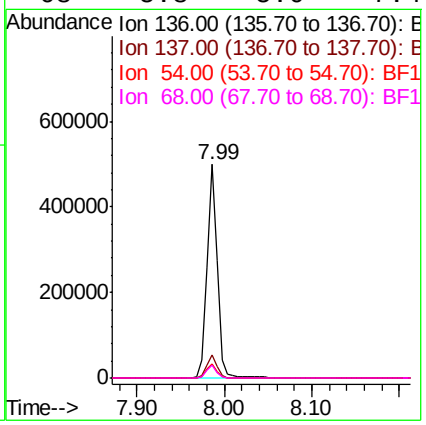


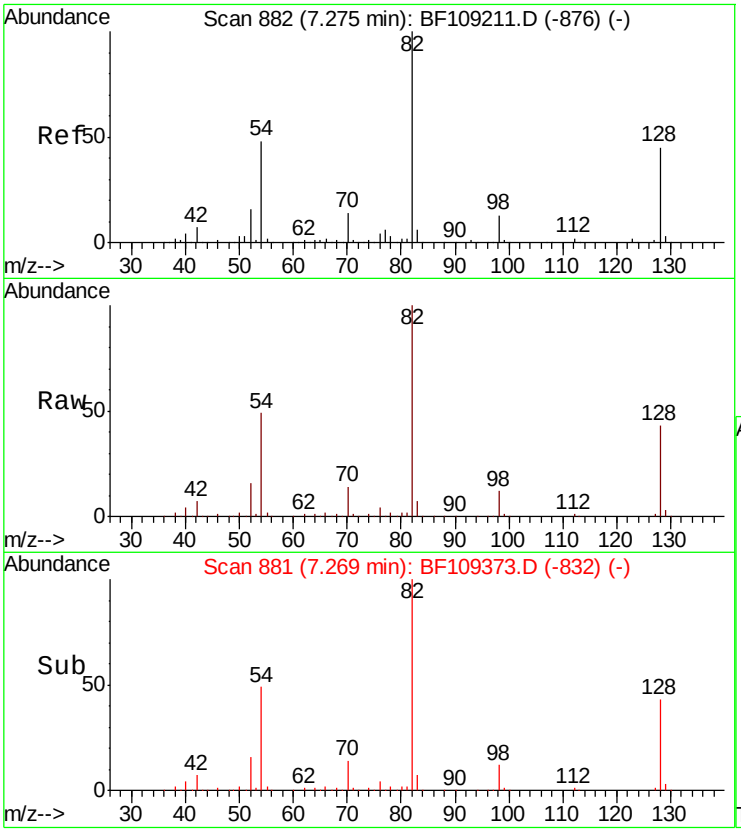


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:136 Resp: 408818

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4



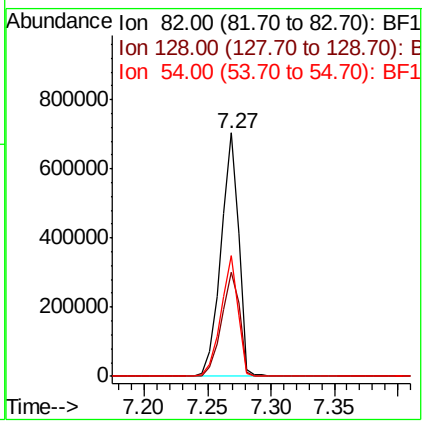


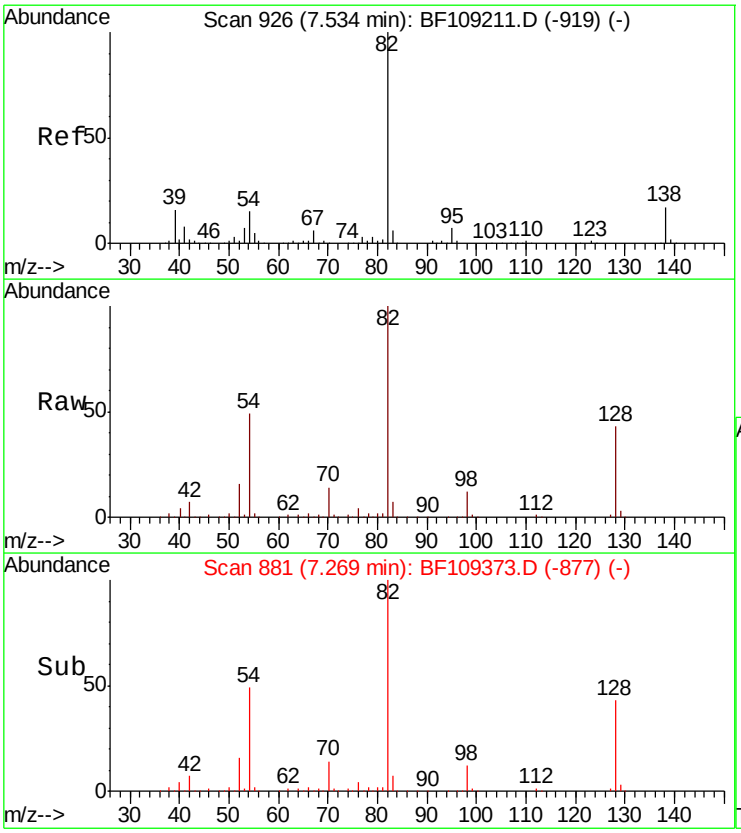
#23
Nitrobenzene-d5
Concen: 98.616 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion: 82 Resp: 682958

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	49.4	41.4	62.2

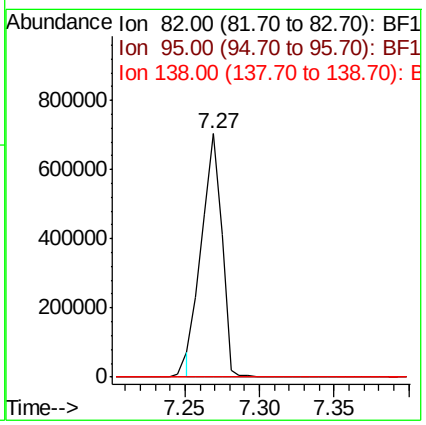


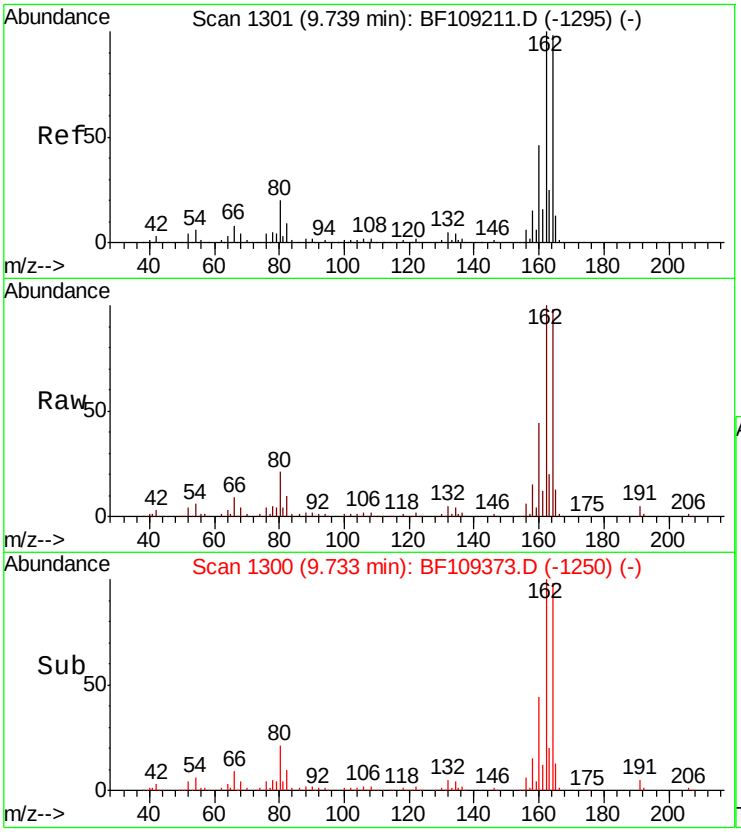


#25
Isophorone
Concen: 52.262 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion: 82 Resp: 651748

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



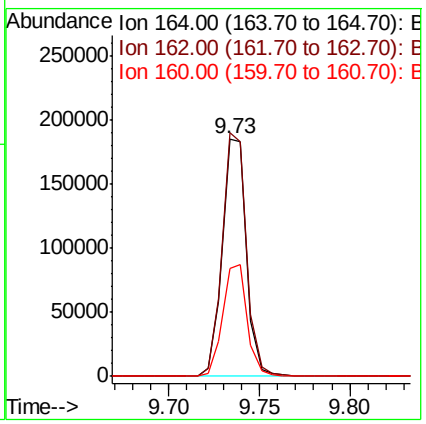


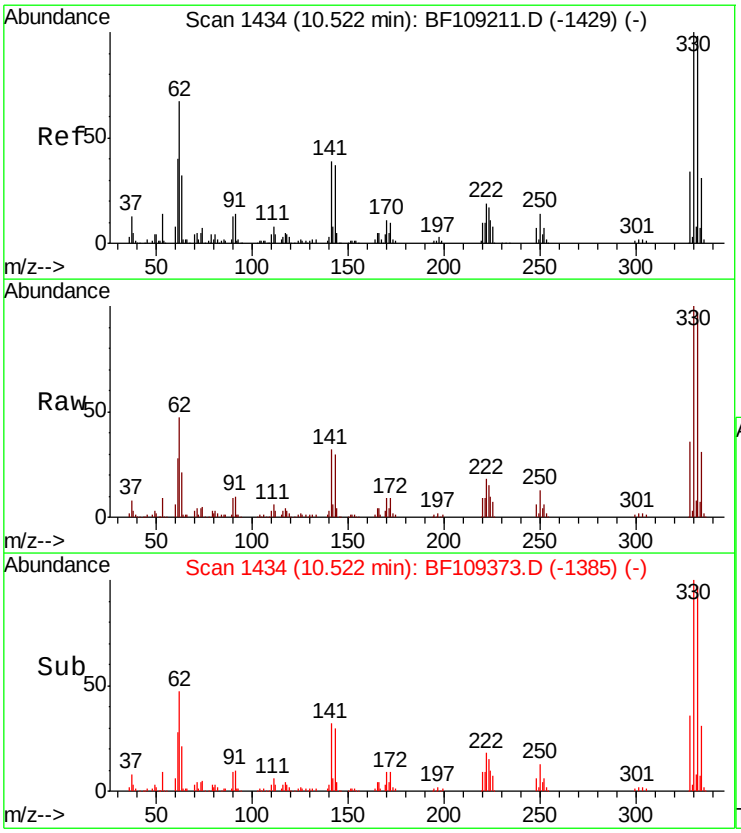
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:164 Resp: 171445

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.4	38.3	57.5

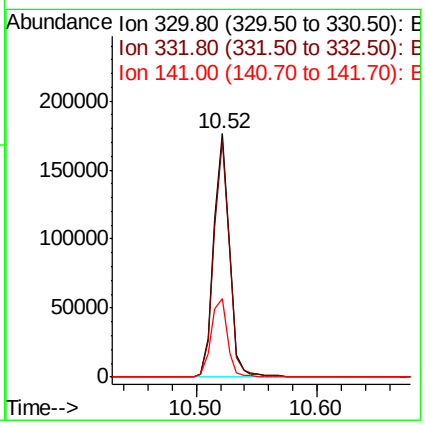


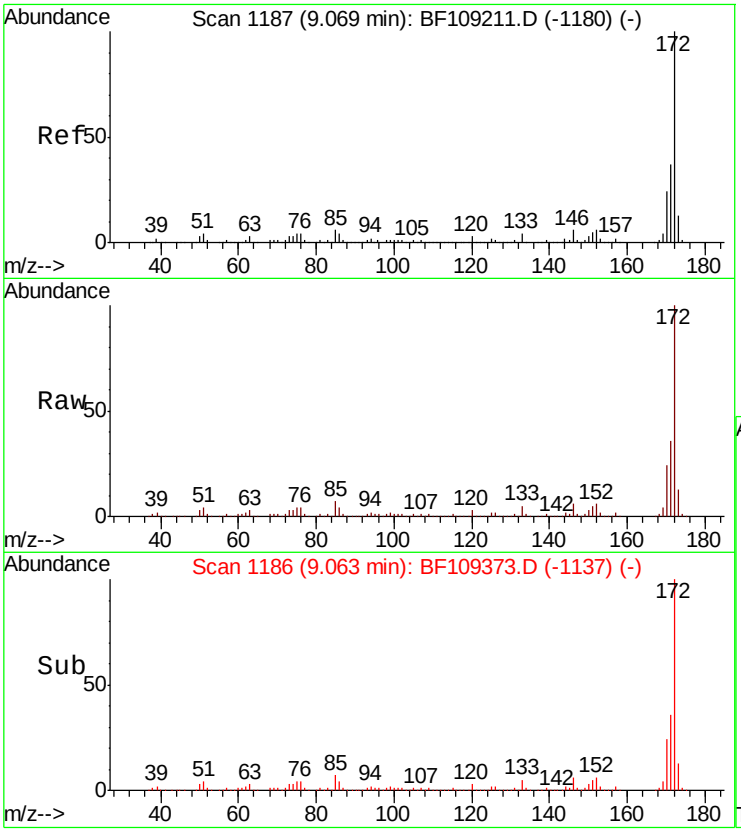


#41
2,4,6-Tribromophenol
Concen: 92.331 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:330 Resp: 156047

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.4	29.9	44.9



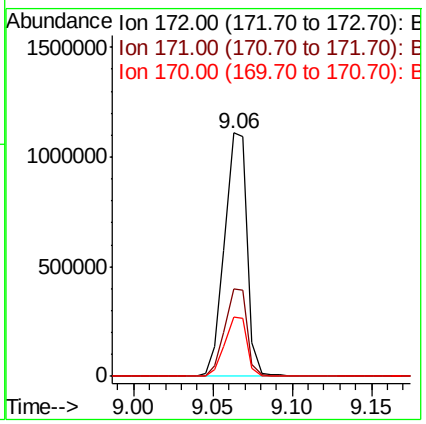


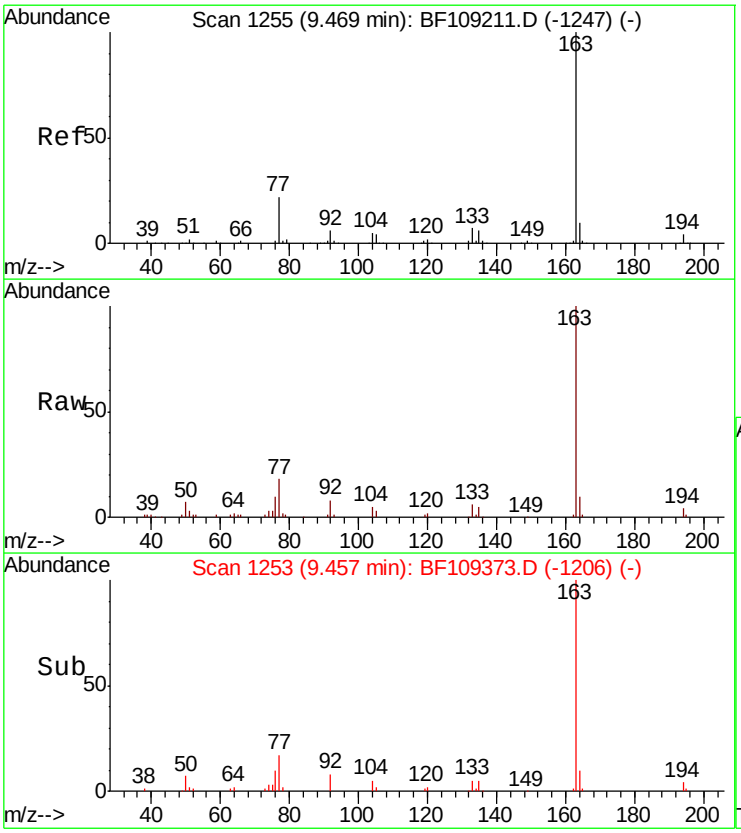
#44
2-Fluorobiphenyl
Concen: 96.901 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:172 Resp: 1101528

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

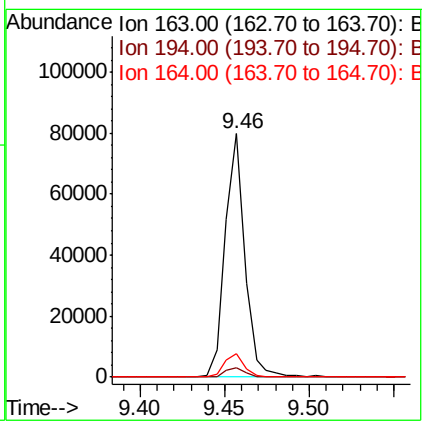


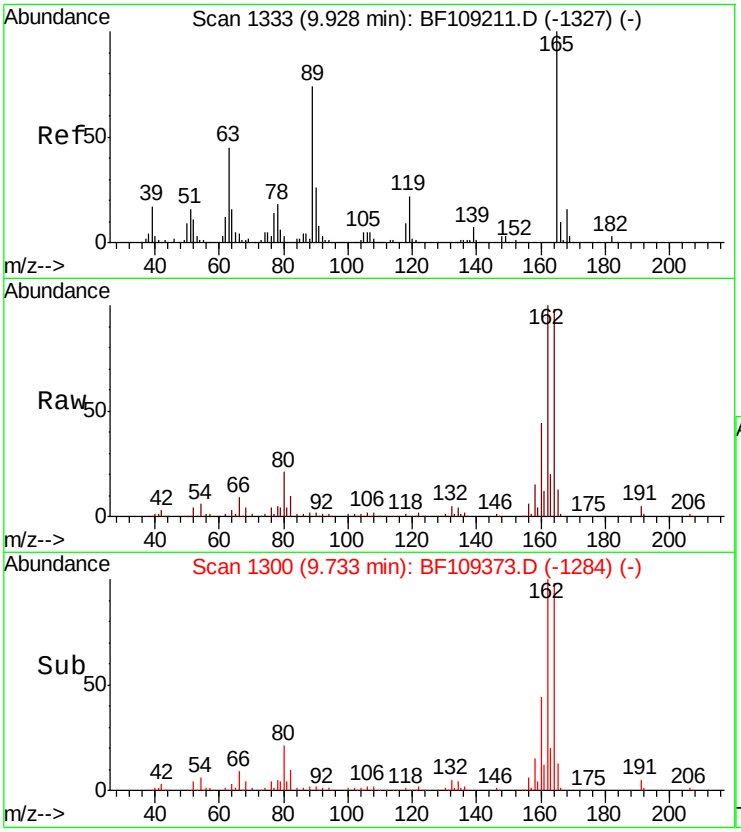


#49
Dimethylphthalate
Concen: 5.172 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:163 Resp: 64495

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2



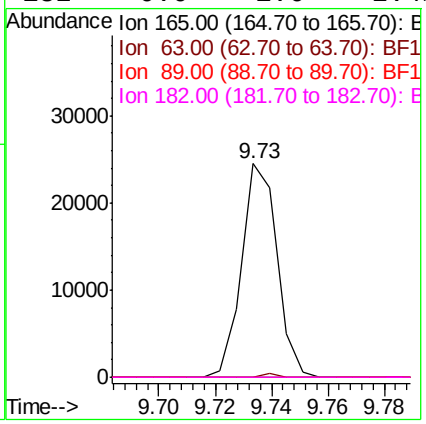


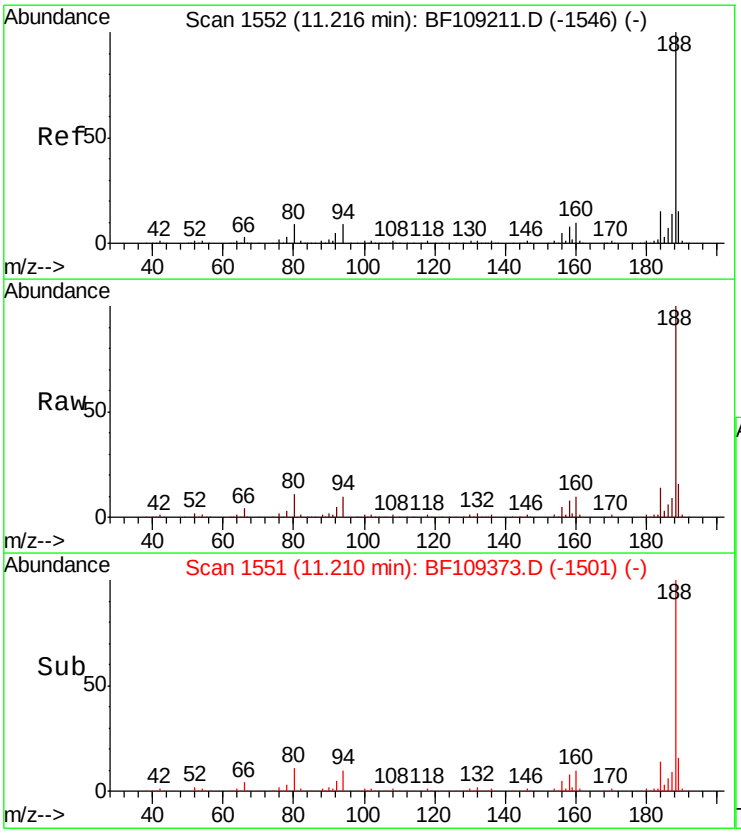
#56
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:165 Resp: 21326

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

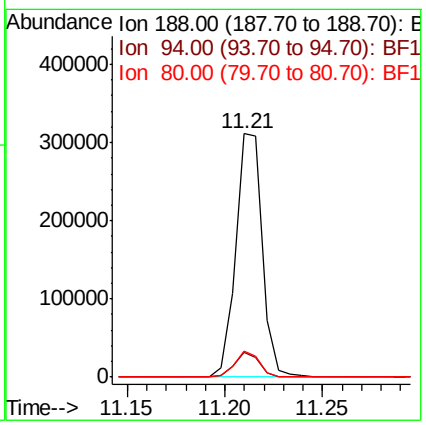


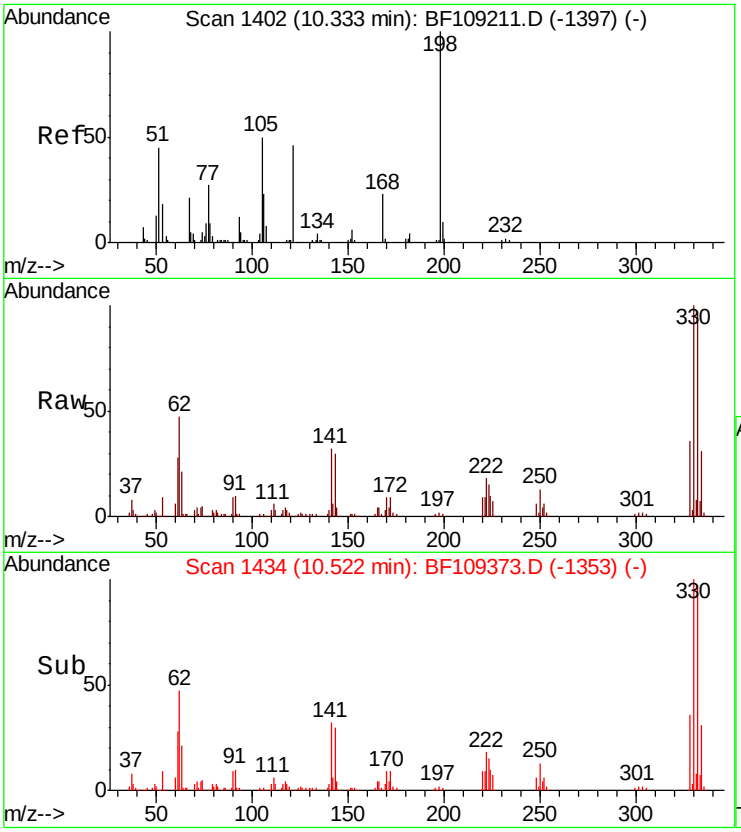


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:188 Resp: 292748

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8



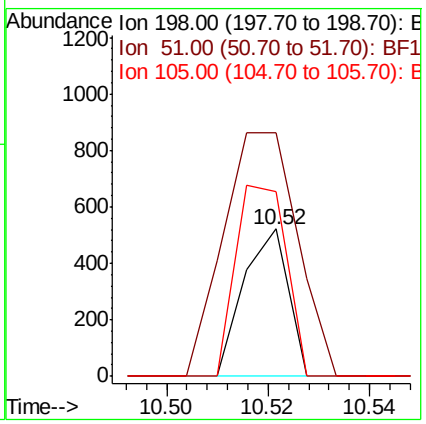


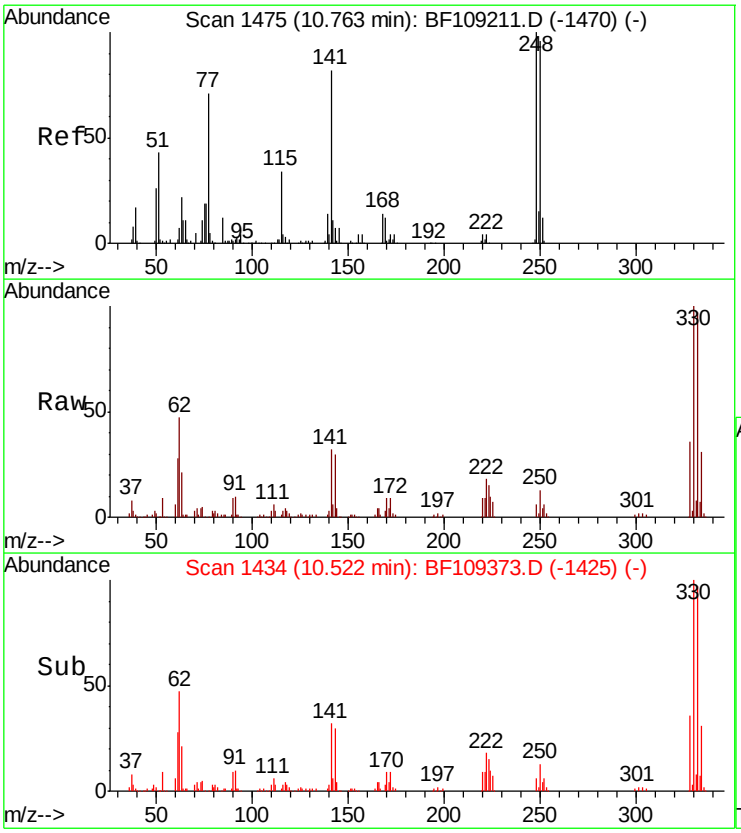
#64
4,6-Dinitro-2-methylphenol
Concen: 6.753 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:198 Resp: 317

Ion	Ratio	Lower	Upper
198	100		
51	165.3	37.7	77.7#
105	125.3	36.3	76.3#

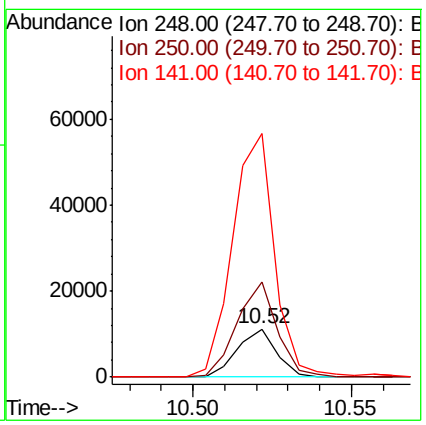


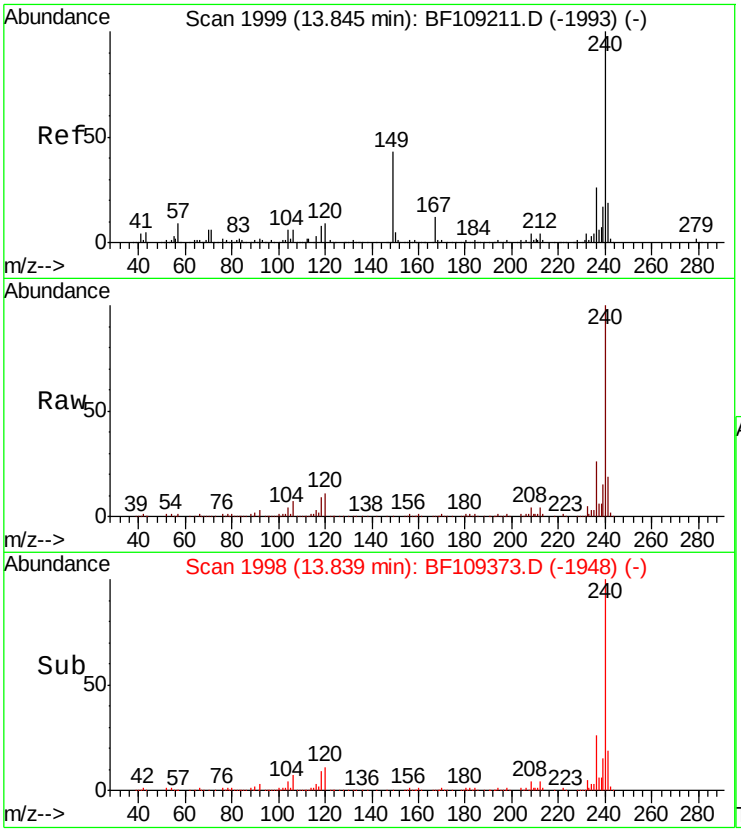


#66
4-Bromophenyl-phenylether
Concen: 2.951 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:248 Resp: 9593

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.9	115.3#
141	504.3	74.4	111.6#



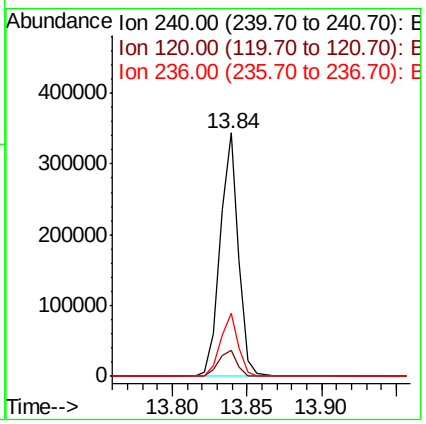


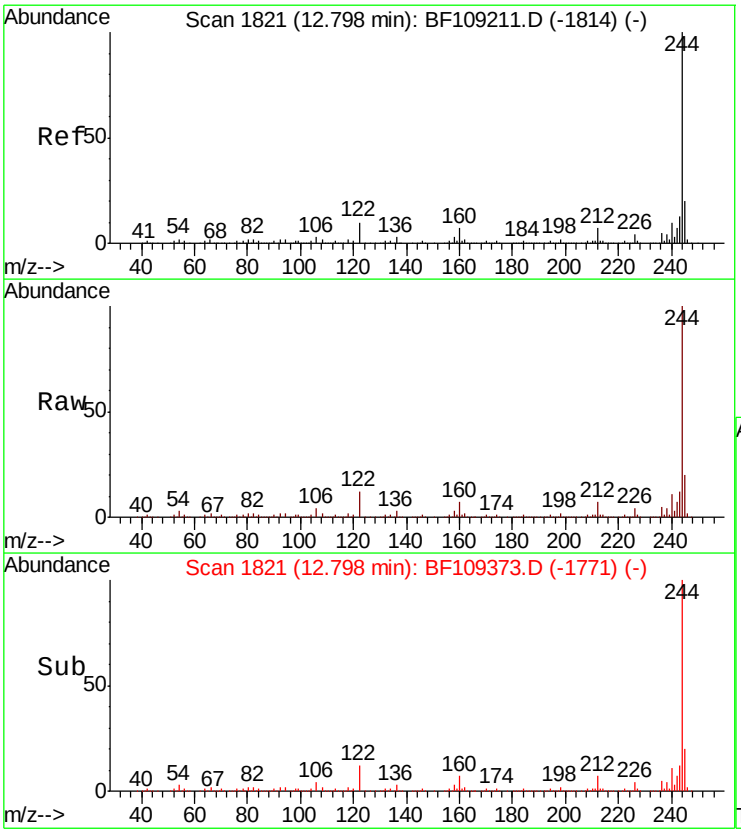
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:240 Resp: 296098

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.8	20.7	31.1

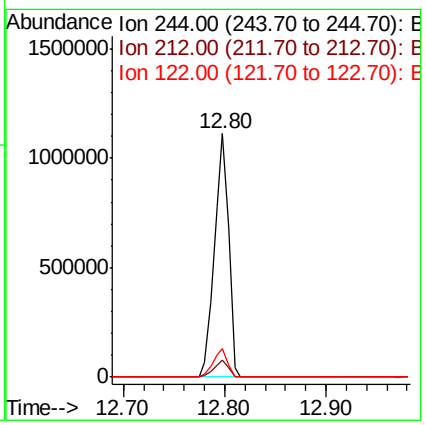


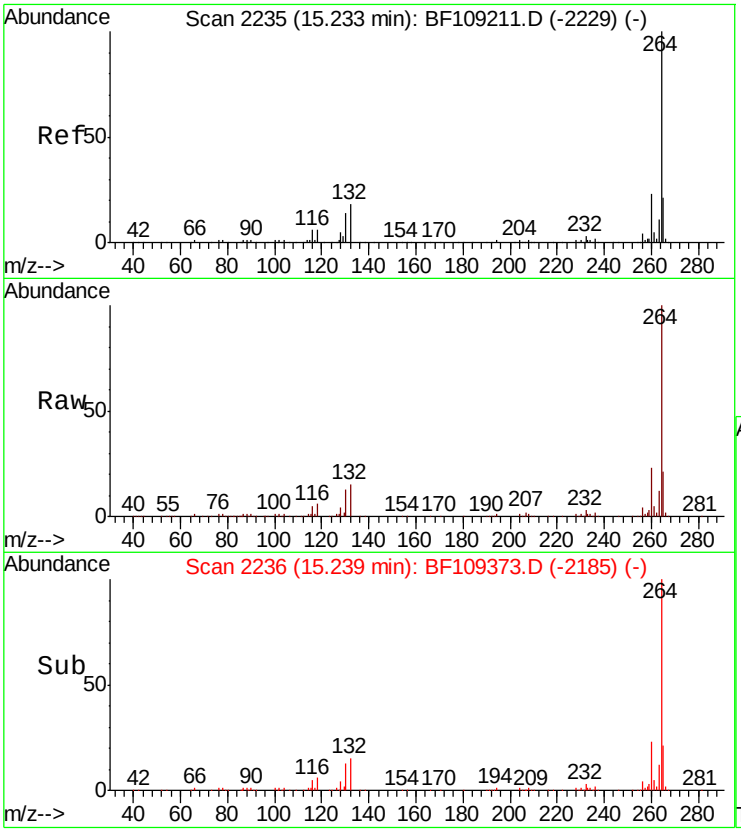


#78
Terphenyl-d14
Concen: 89.321 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:244 Resp: 1077667

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.6	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: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tgt Ion:264 Resp: 244251

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3