Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109264.D
Acq On : 24 Sep 2018 13:49
Operator : JU/SJ
Sample : J5023-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 17:06:18 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	109761	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	412450	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	198591	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	370528	20.00	ng		0.00
75) Chrysene-d12	13.83	240	282167	20.00	ng		-0.01
86) Perylene-d12	15.24	264	304157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	662493	99.41	ng		0.00
7) Phenol-d6	6.35	99	856041	100.67	ng		-0.01
23) Nitrobenzene-d5	7.27	82	536383	76.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	218296	111.51	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	982554	74.62	ng		-0.01
78) Terphenyl-d14	12.80	244	868881	75.57	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	35794	3.717	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	72186	12.955	ng	#	77
25) Isophorone	7.27	82	507706	40.353	ng	#	64
49) Dimethylphthalate	9.46	163	310127	21.471	ng		99
56) 2,4-Dinitrotoluene	9.73	165	25209	6.965	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.52	198	491	6.806	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	13003	3.160	ng	#	1

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

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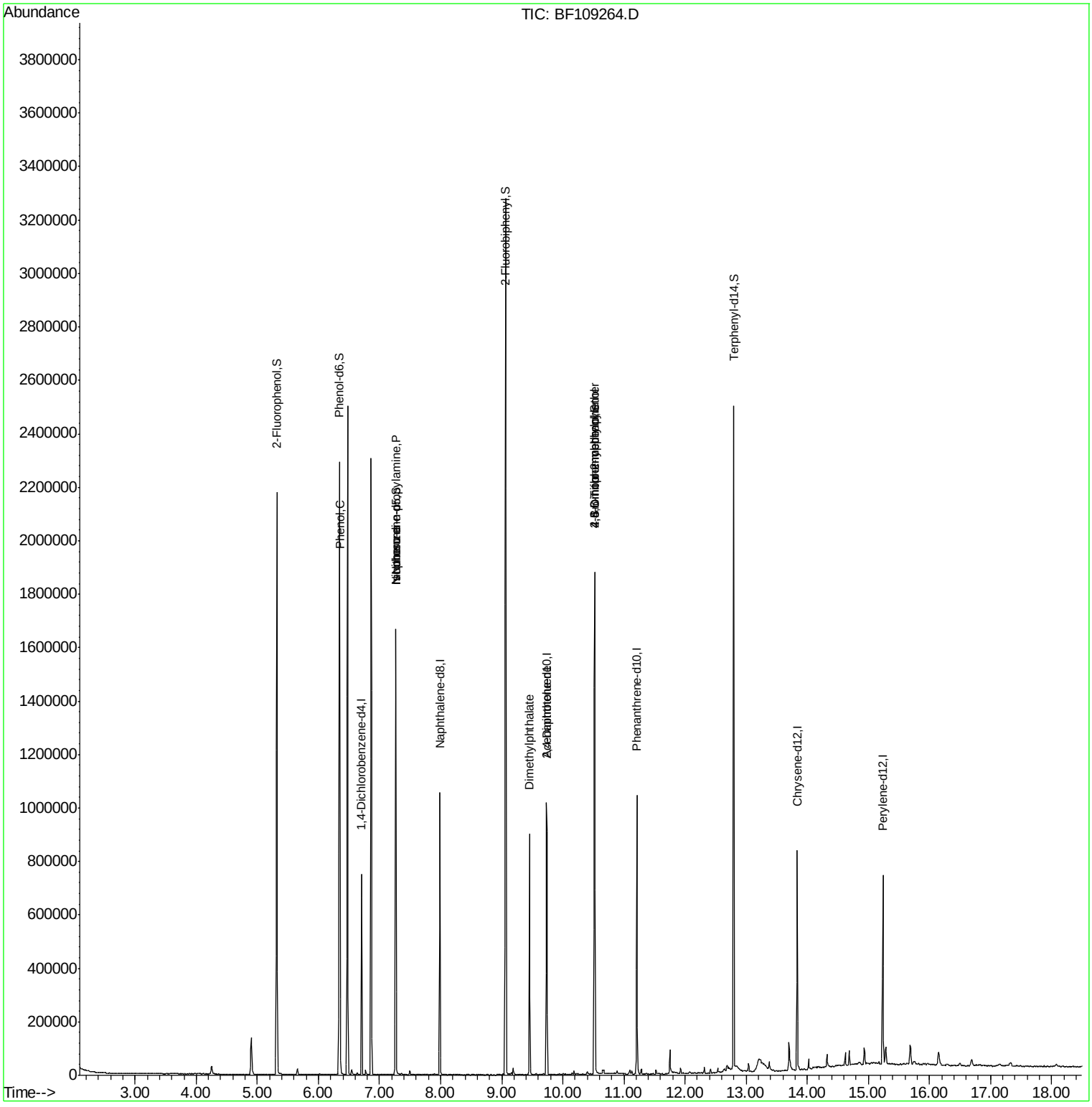
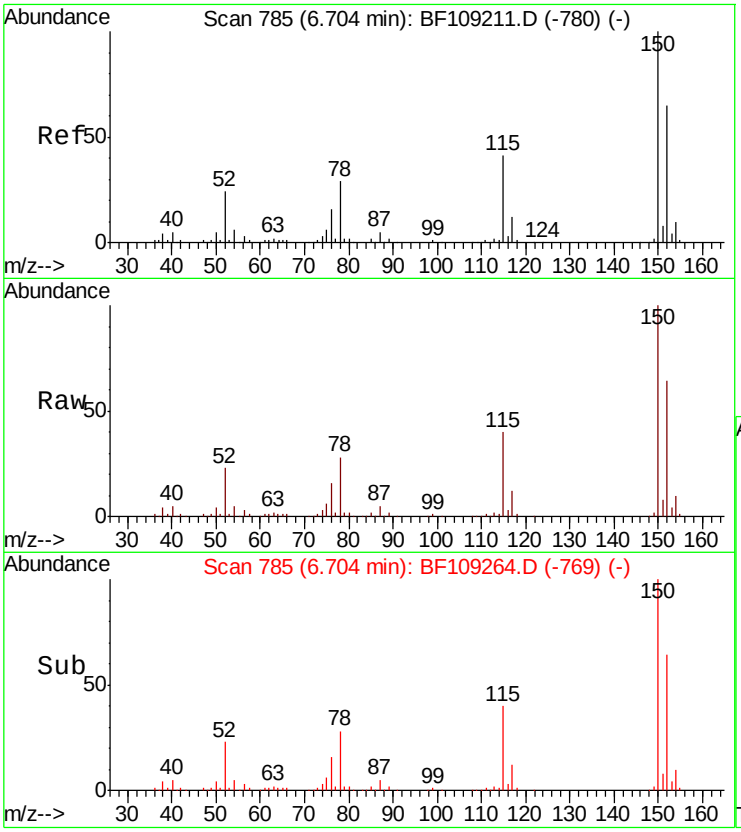


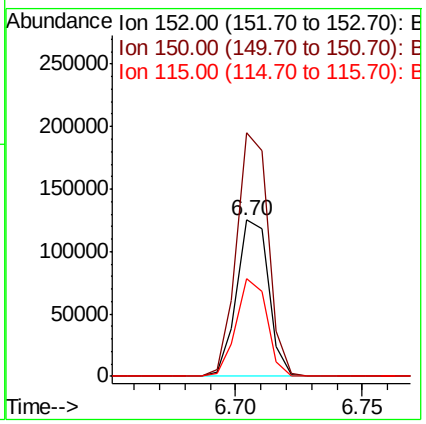


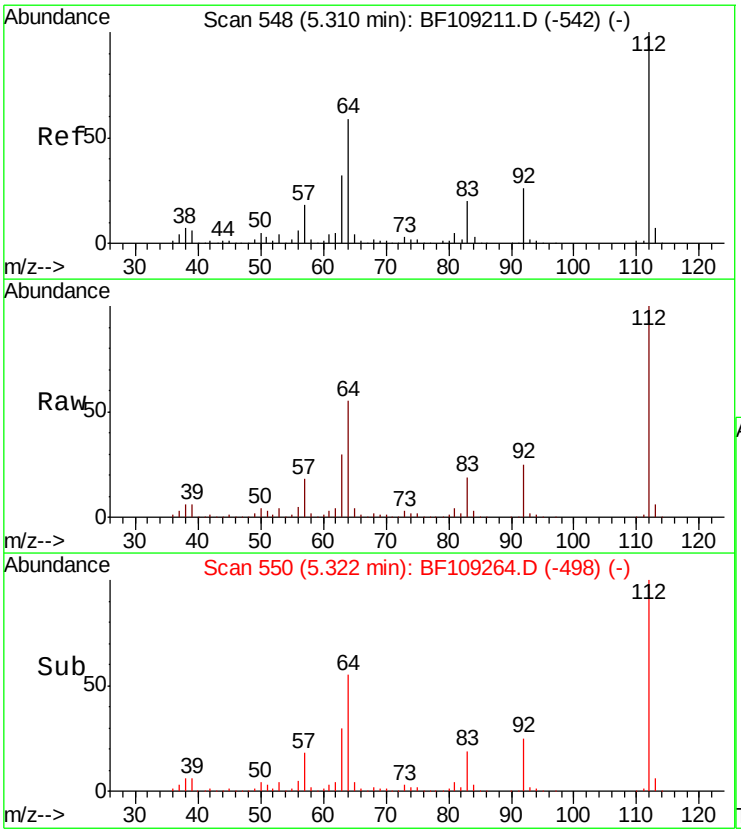
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109761

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.1	50.1	75.1

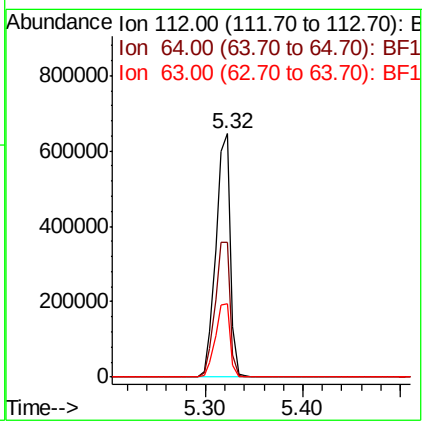


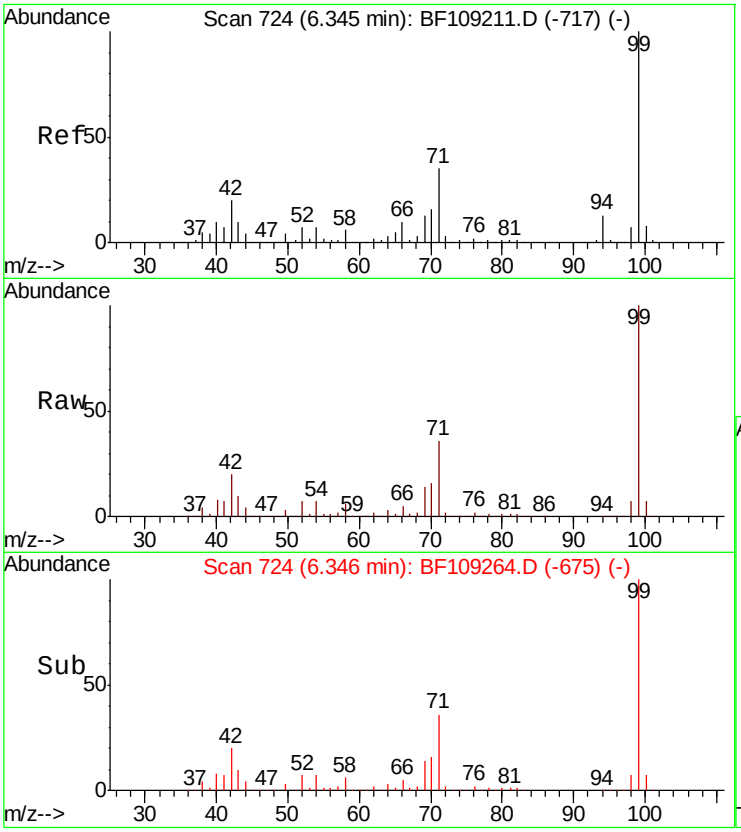


#5
2-Fluorophenol
Concen: 99.414 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:112 Resp: 662493

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	30.0	23.7	35.5



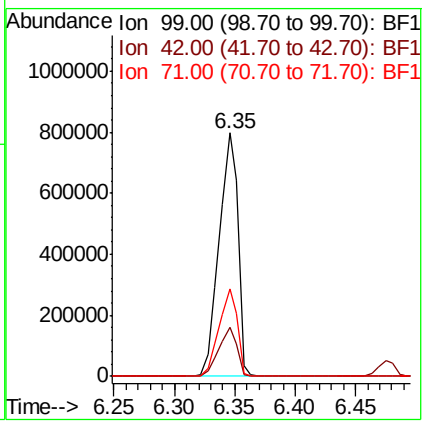


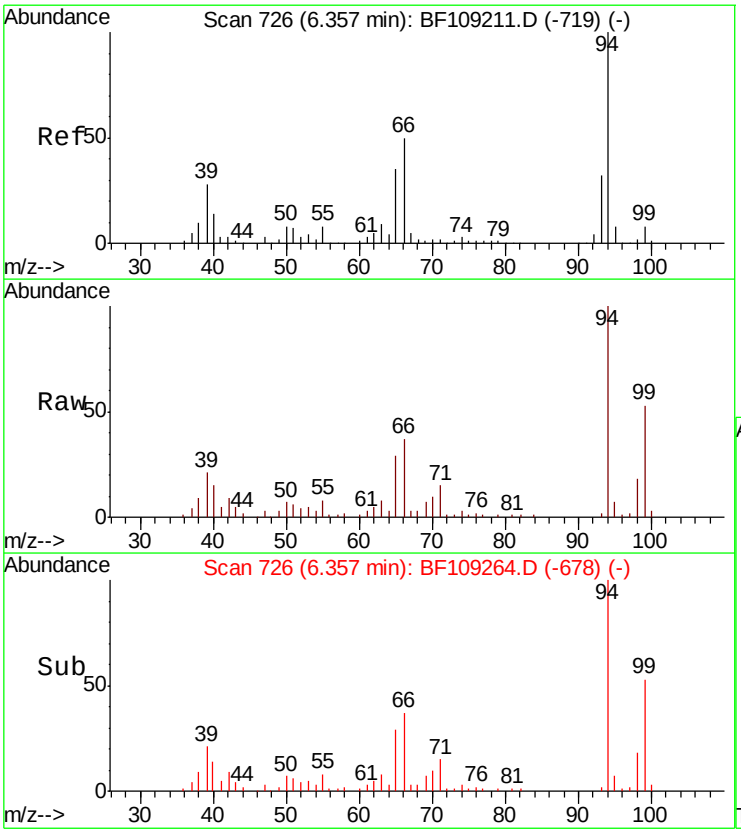
#7
Phenol-d6
Concen: 100.669 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 856041

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	36.1	25.4	38.0

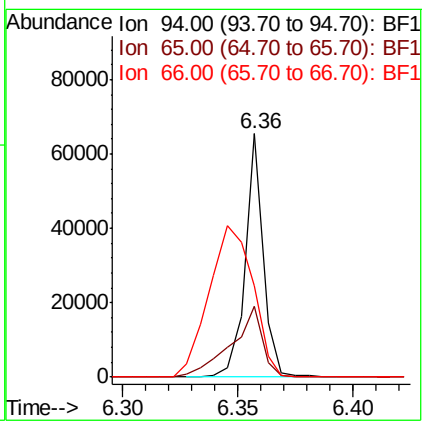


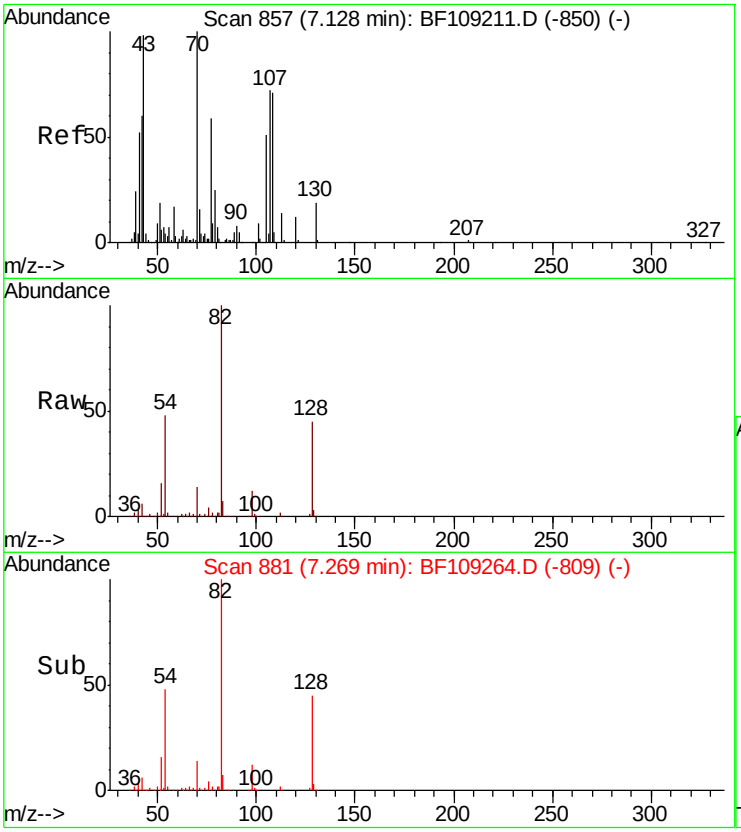


#10
Phenol
Concen: 3.717 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion: 94 Resp: 35794

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	37.2	16.2	56.2



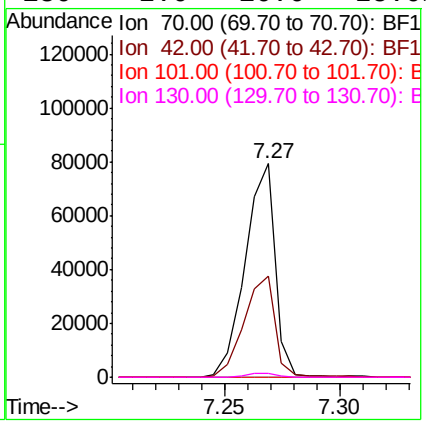


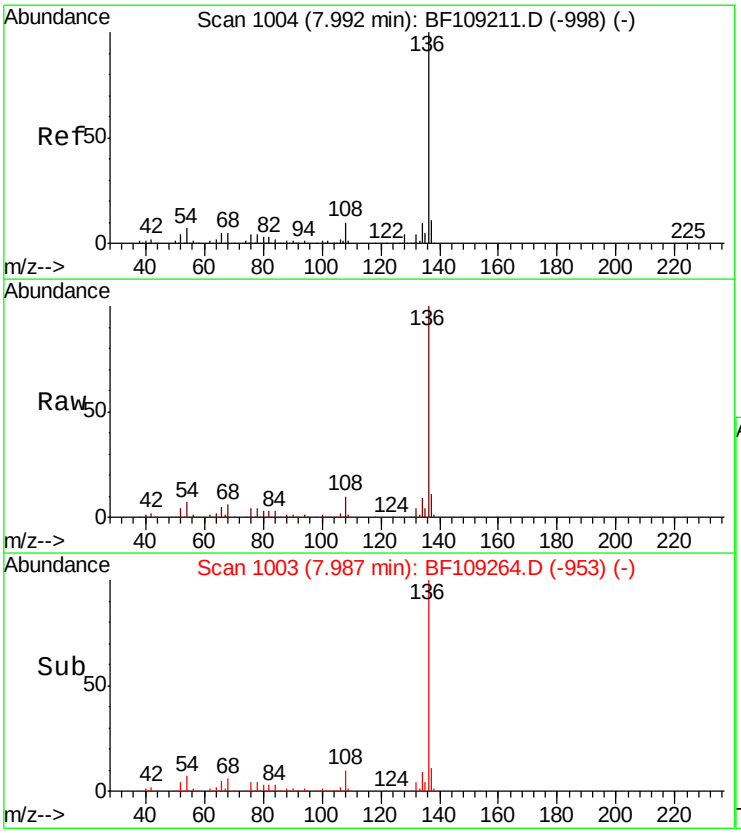
#19
n-Nitroso-di-n-propylamine
Concen: 12.955 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 72186

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

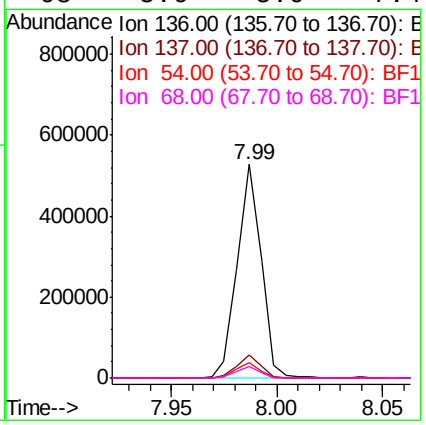


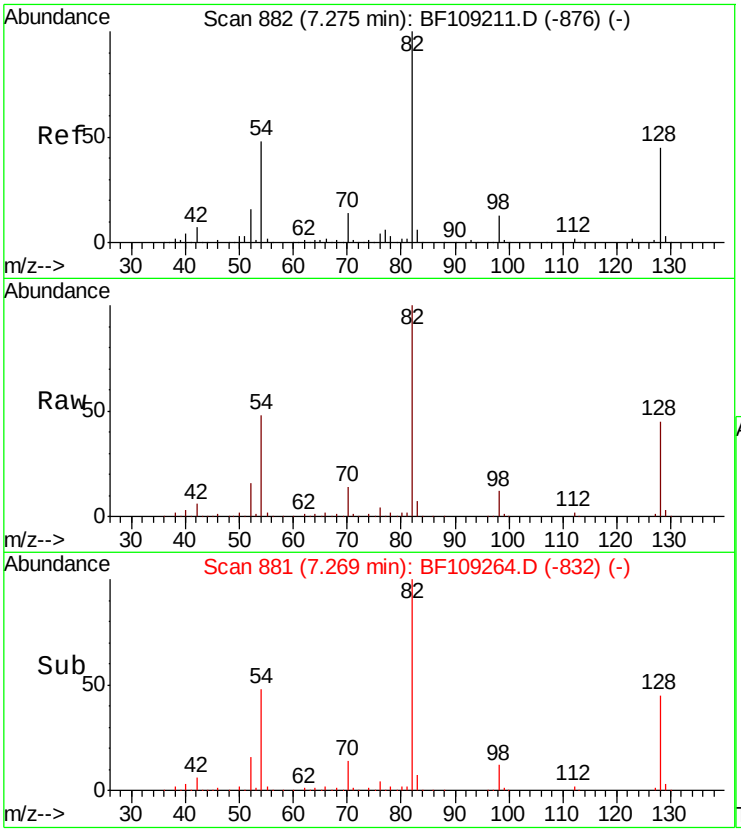


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:136 Resp: 412450

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4



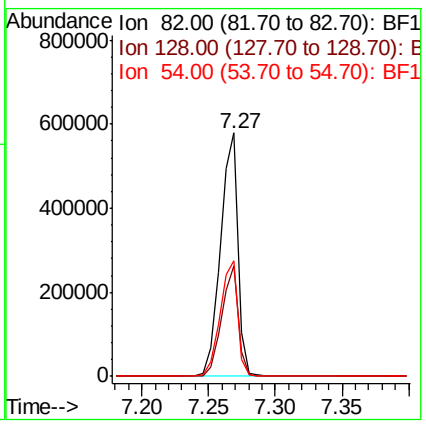


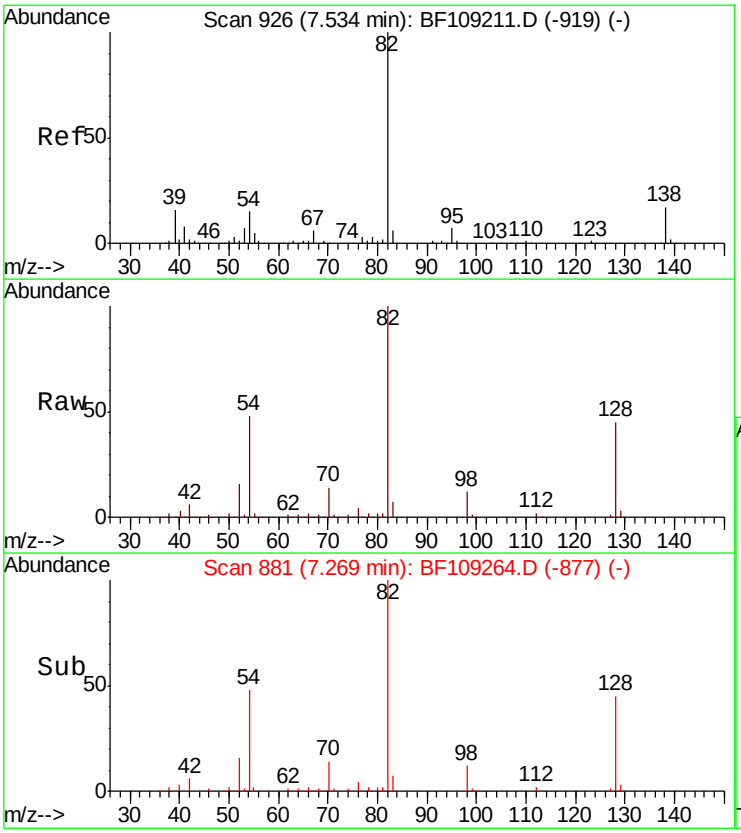
#23
Nitrobenzene-d5
Concen: 76.769 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 536383

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	47.7	41.4	62.2

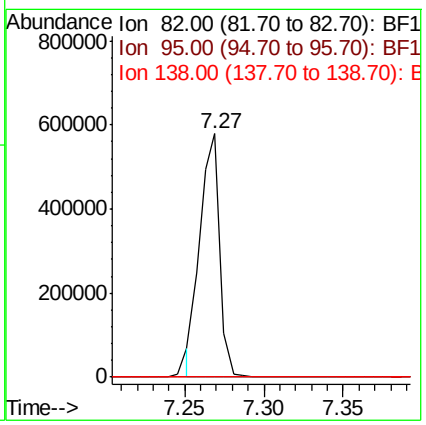


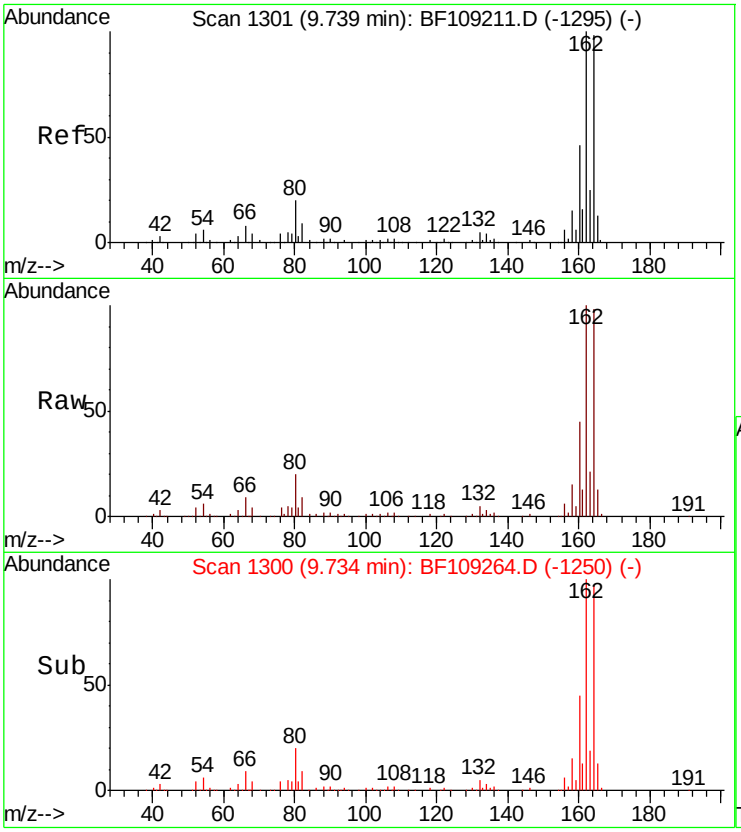


#25
Isophorone
Concen: 40.353 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion: 82 Resp: 507706

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

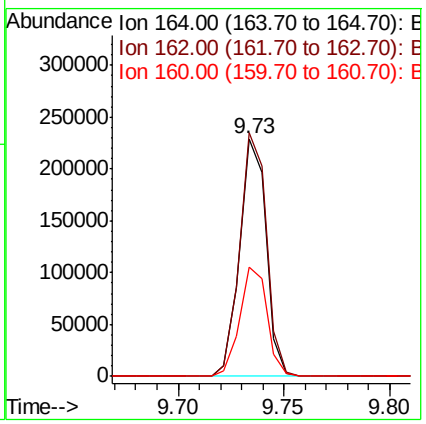




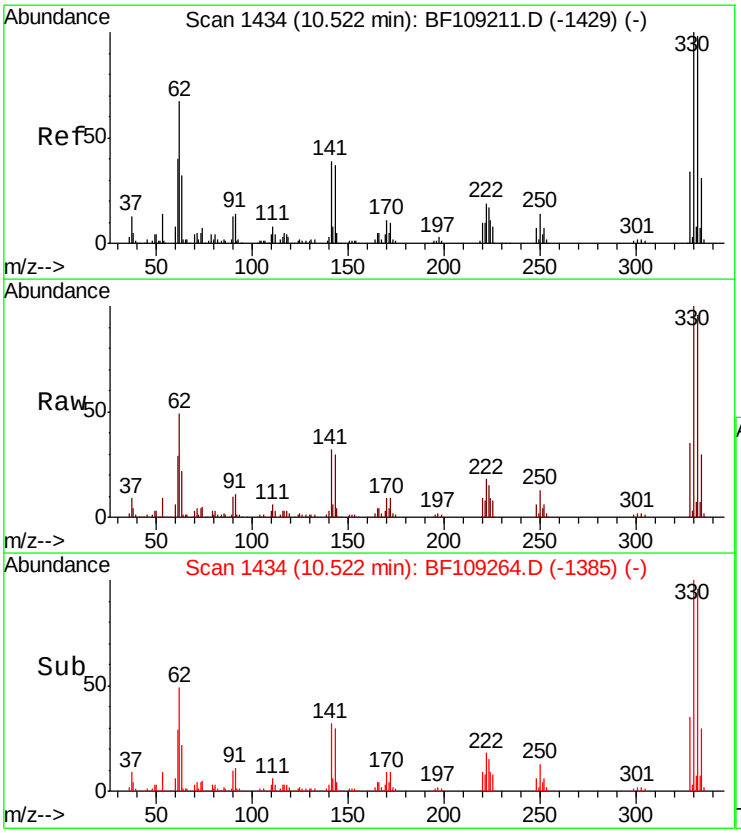
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:164 Resp: 198591

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.2	38.3	57.5



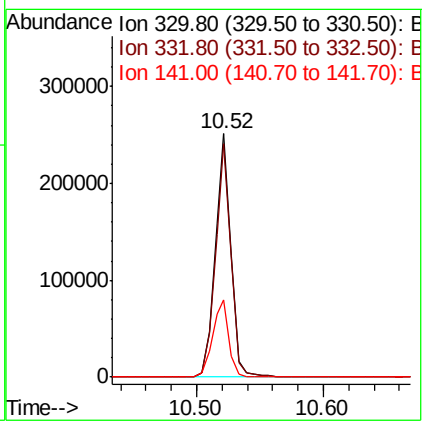
Instrument :
BNA_F
ClientSampleId :

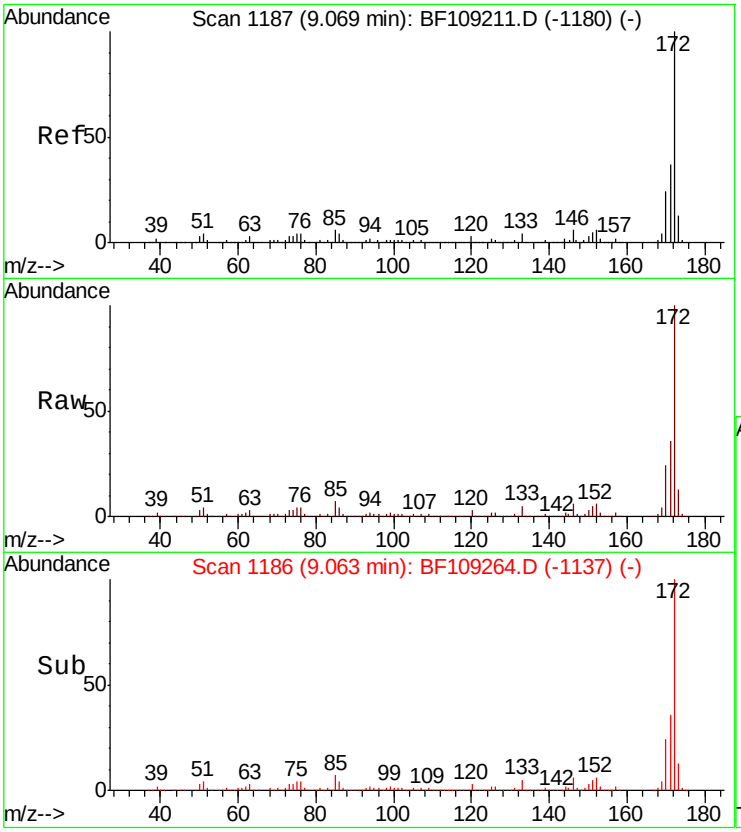


#41
2,4,6-Tribromophenol
Concen: 111.507 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:330 Resp: 218296

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.0	29.9	44.9



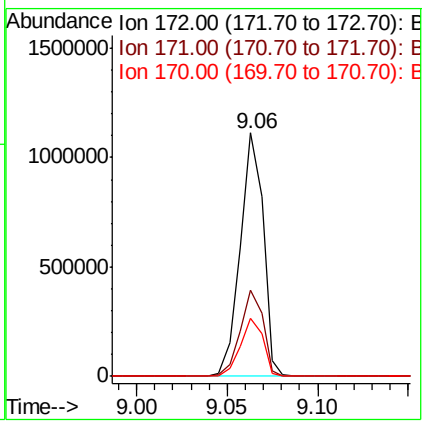


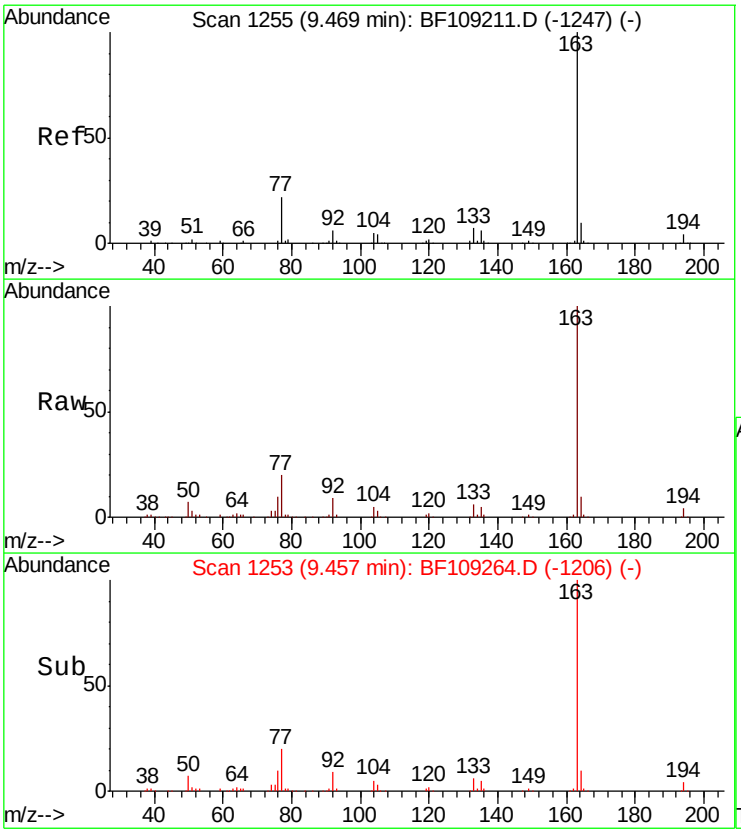
#44
2-Fluorobiphenyl
Concen: 74.620 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 982554

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4

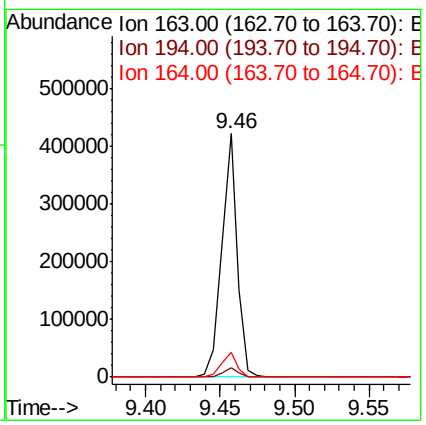


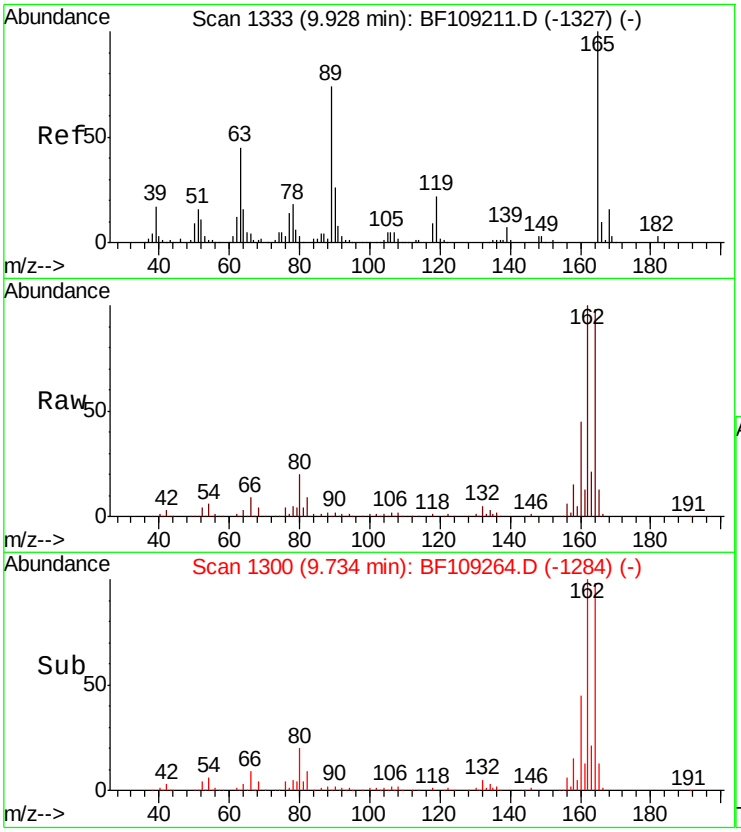


#49
Dimethylphthalate
Concen: 21.471 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:163 Resp: 310127

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2



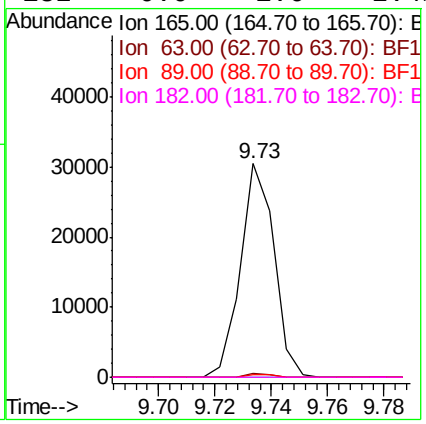


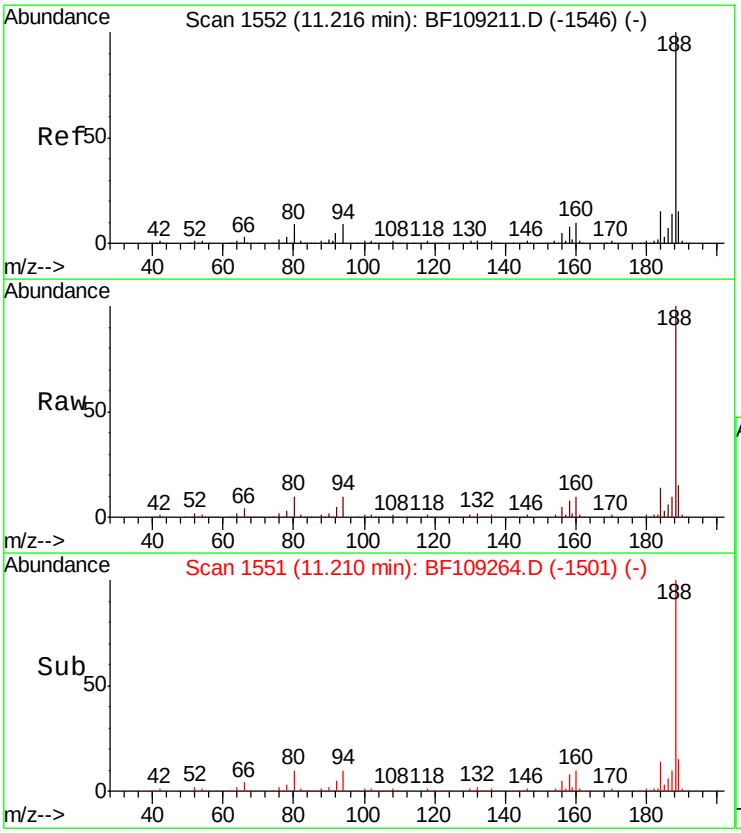
#56
2,4-Dinitrotoluene
Concen: 6.965 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25209

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

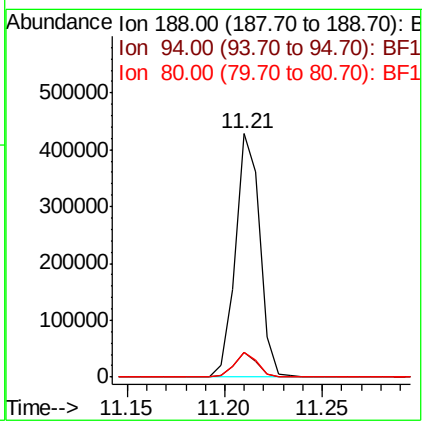


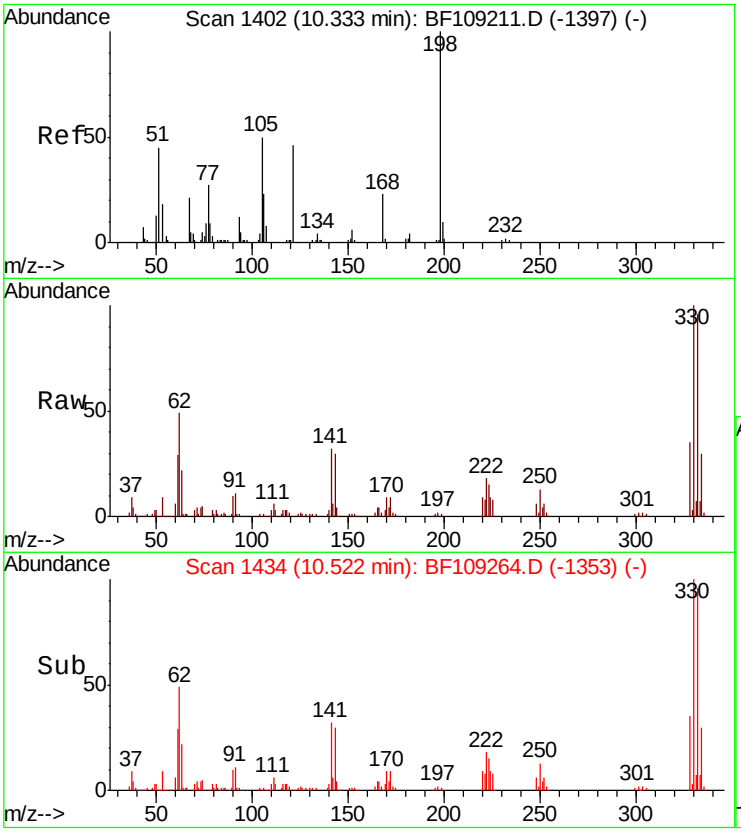


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:188 Resp: 370528

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8



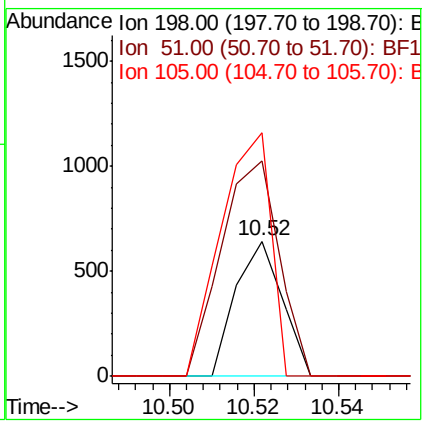


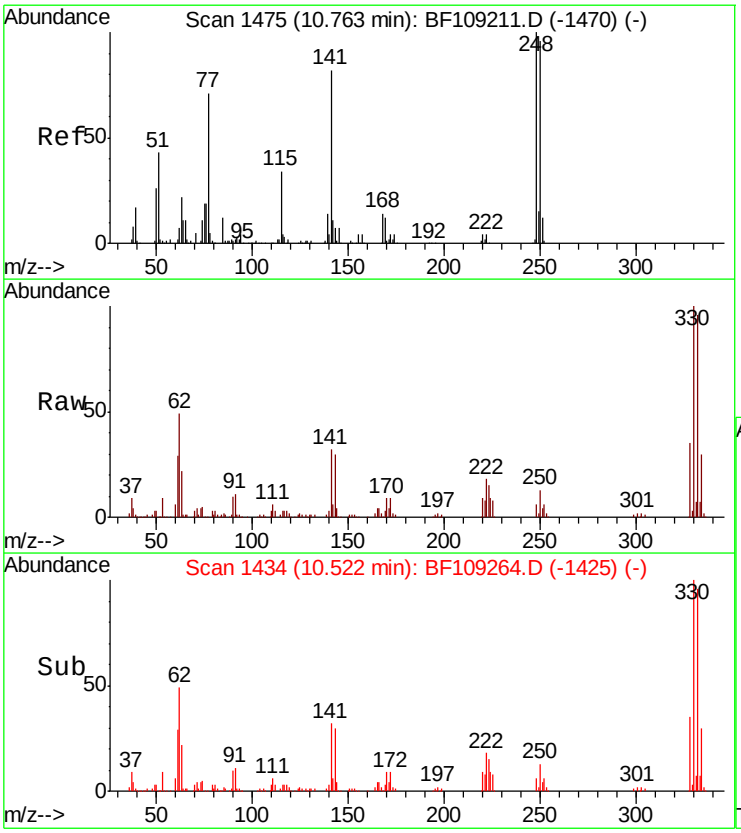
#64
4,6-Dinitro-2-methylphenol
Concen: 6.806 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 491

Ion	Ratio	Lower	Upper
198	100		
51	160.1	37.7	77.7#
105	180.5	36.3	76.3#

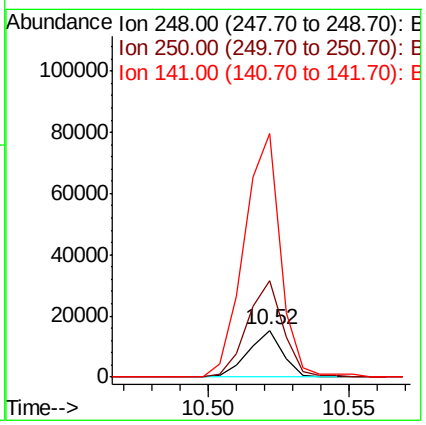


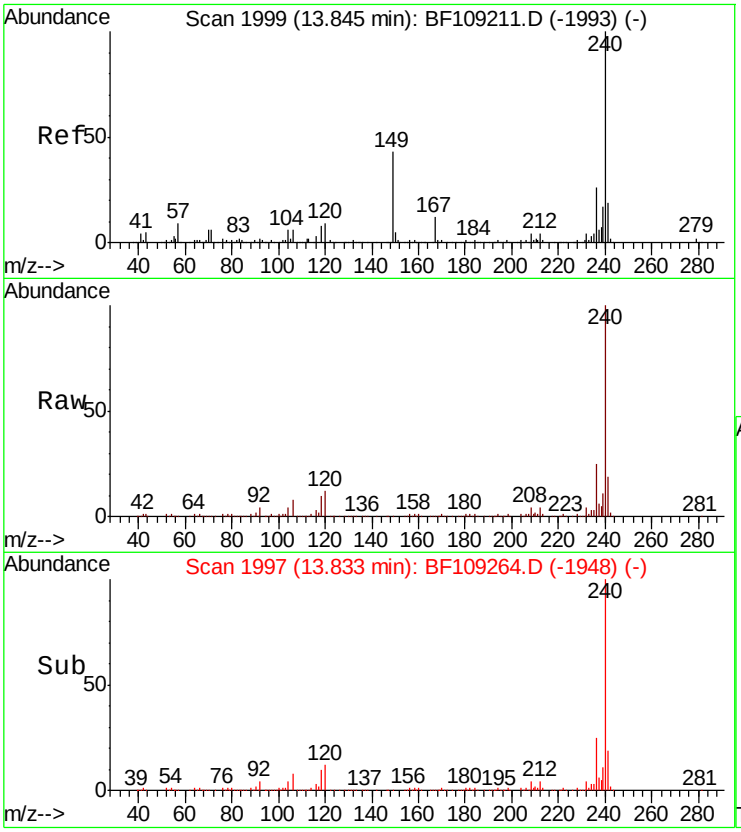


#66
4-Bromophenyl-phenylether
Concen: 3.160 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:248 Resp: 13003

Ion	Ratio	Lower	Upper
248	100		
250	205.9	76.9	115.3#
141	518.5	74.4	111.6#



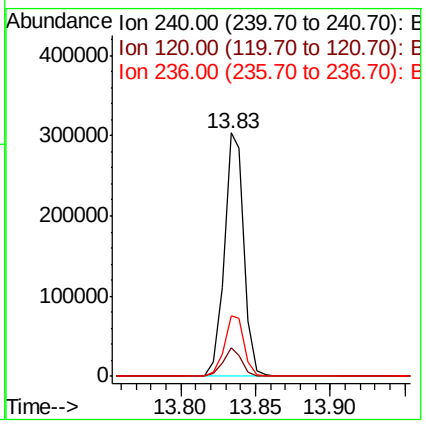


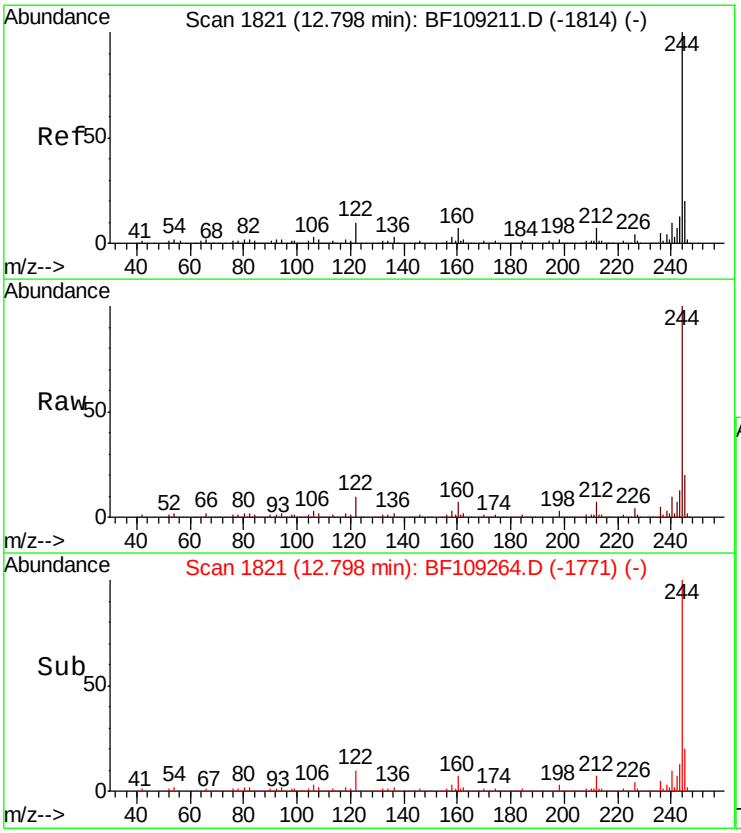
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 282167

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	24.7	20.7	31.1

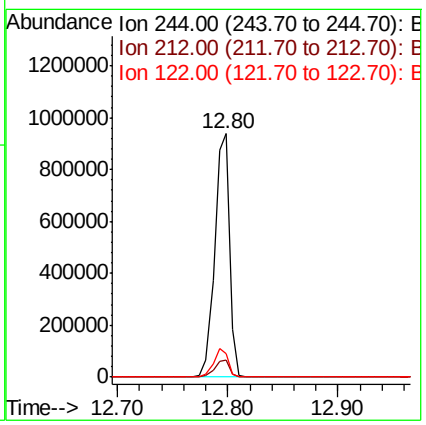


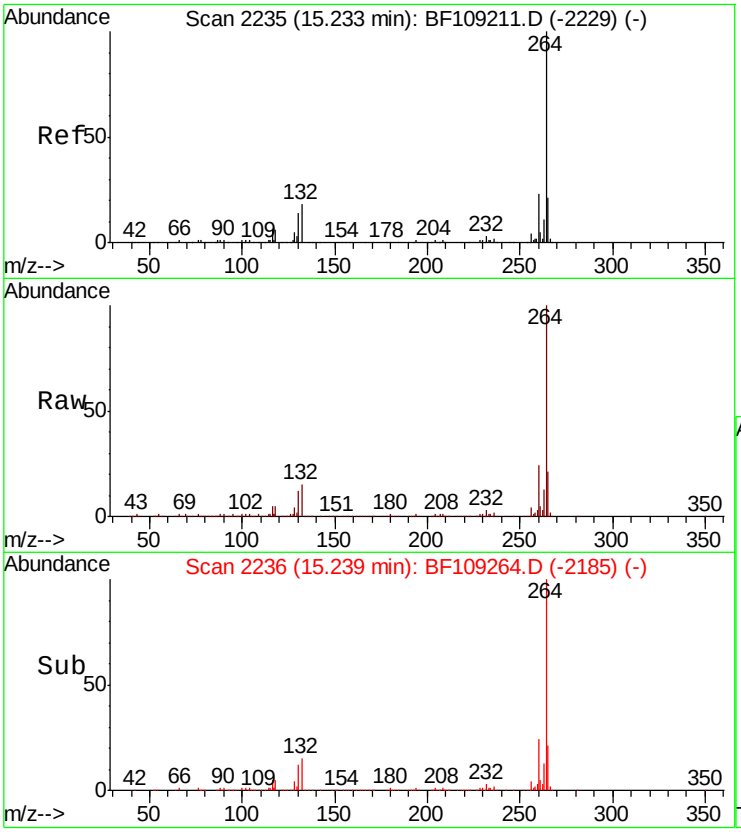


#78
Terphenyl-d14
Concen: 75.571 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:244 Resp: 868881

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.8	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: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 304157

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3