Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109266.D
Acq On : 24 Sep 2018 14:42
Operator : JU/SJ
Sample : J5044-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 17:06:38 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	107660	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	417416	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	196246	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	340242	20.00	ng		0.00
75) Chrysene-d12	13.84	240	274125	20.00	ng		0.00
86) Perylene-d12	15.24	264	283756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	524136	80.19	ng		0.00
7) Phenol-d6	6.35	99	669638	80.29	ng		-0.01
23) Nitrobenzene-d5	7.26	82	422879	59.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	157817	81.58	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	761731	58.54	ng		-0.01
78) Terphenyl-d14	12.79	244	578866	51.82	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	29404	3.113	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	56524	10.342	ng	#	77
25) Isophorone	7.26	82	397519	31.219	ng	#	64
49) Dimethylphthalate	9.46	163	181890	12.743	ng		98
56) 2,4-Dinitrotoluene	9.73	165	25209	7.048	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.52	198	320	6.723	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	9593	2.539	ng	#	1
70) Phenanthrene	11.23	178	50813	2.991	ng		98
74) Fluoranthene	12.42	202	46792	2.577	ng		95

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

Quantitation Report (Not Reviewed)

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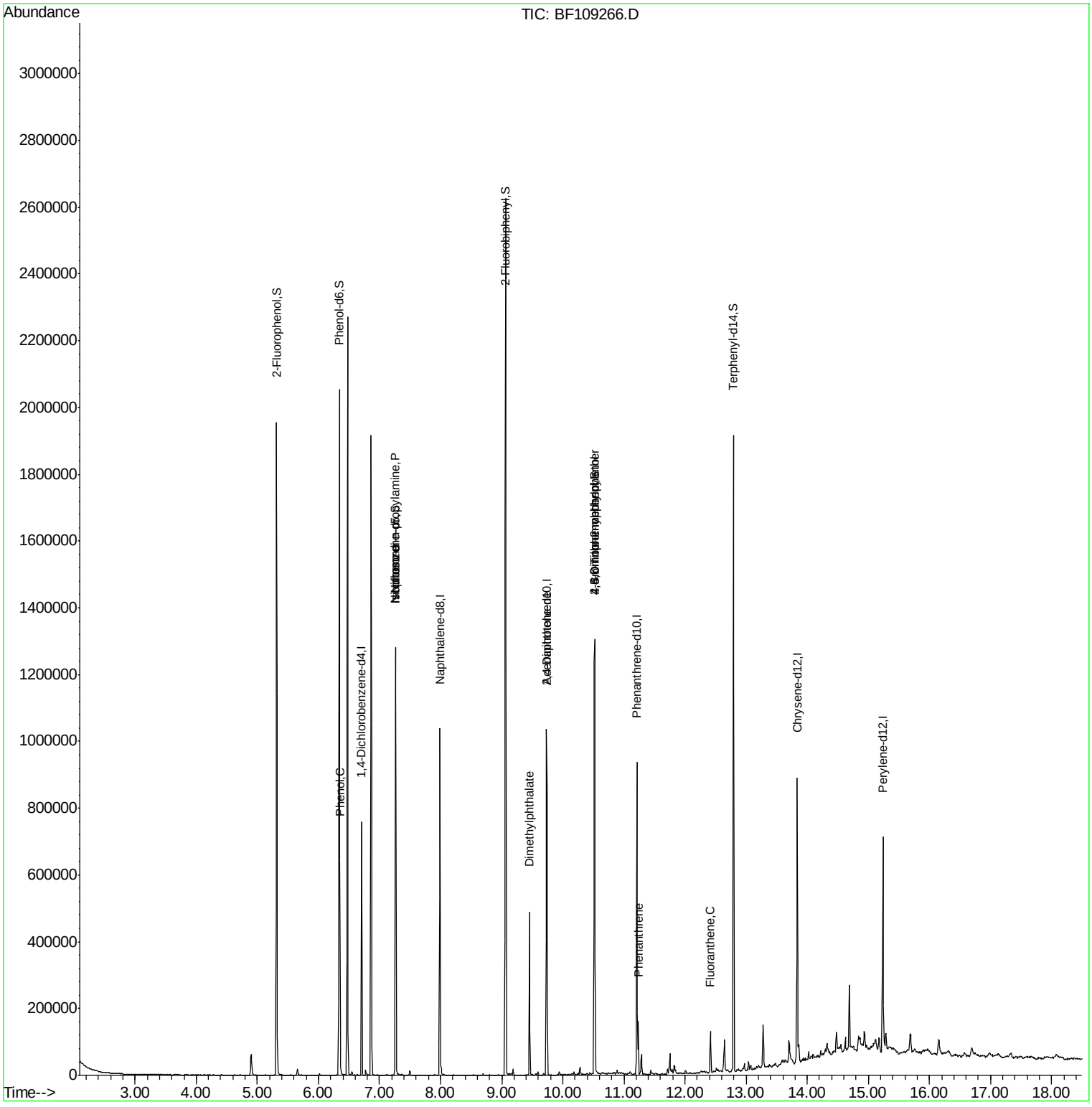
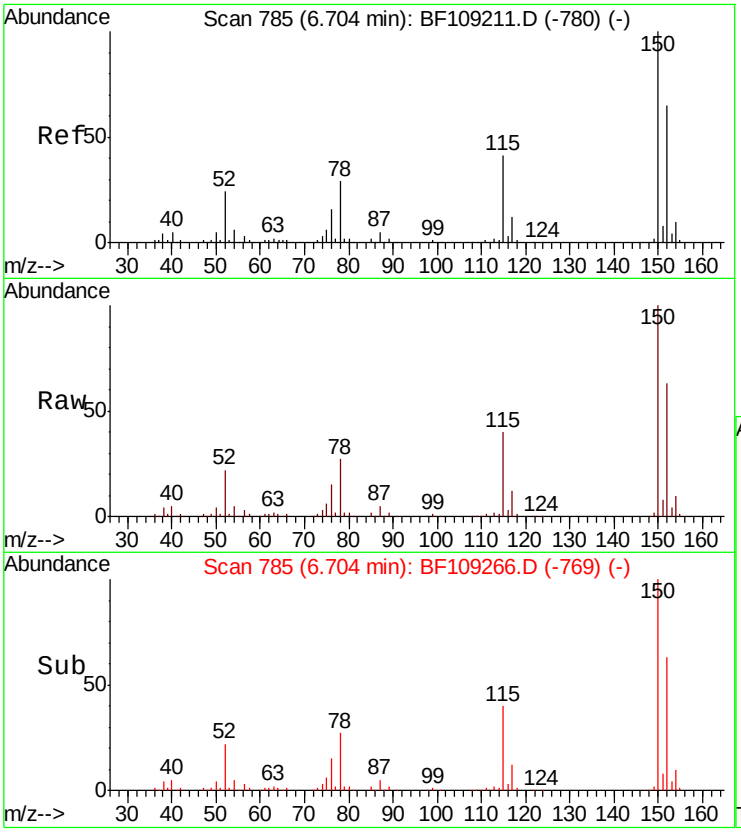


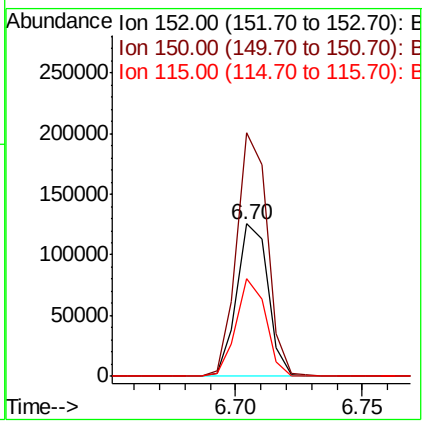


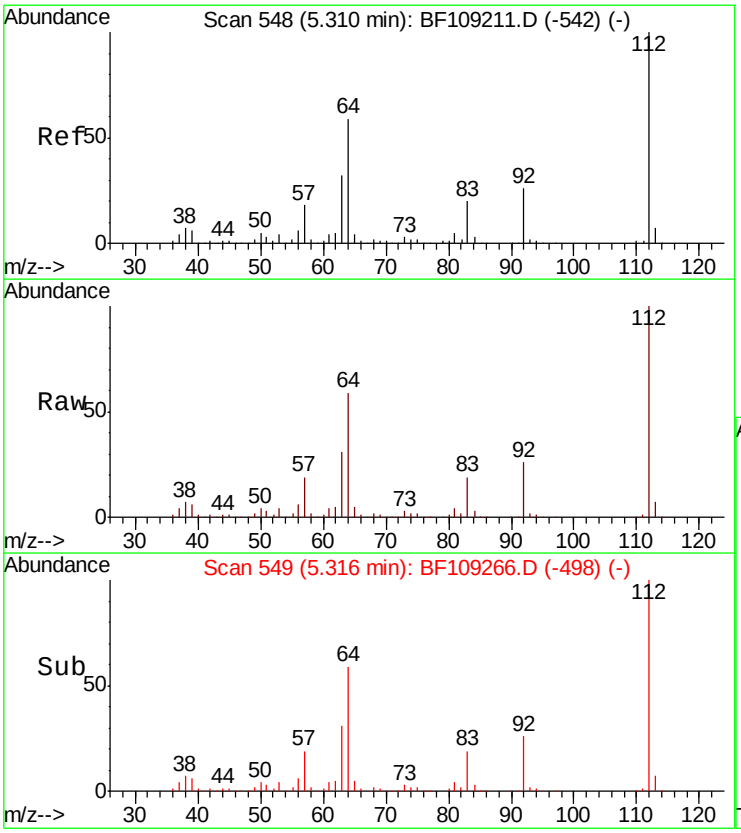
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107660

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	63.9	50.1	75.1

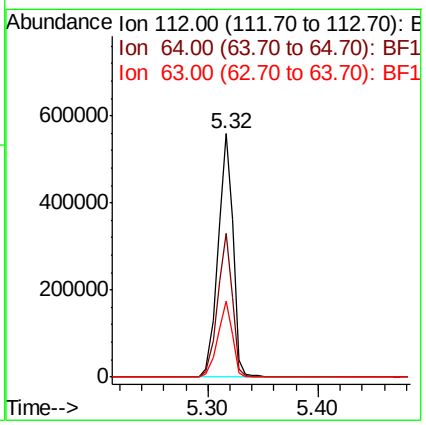


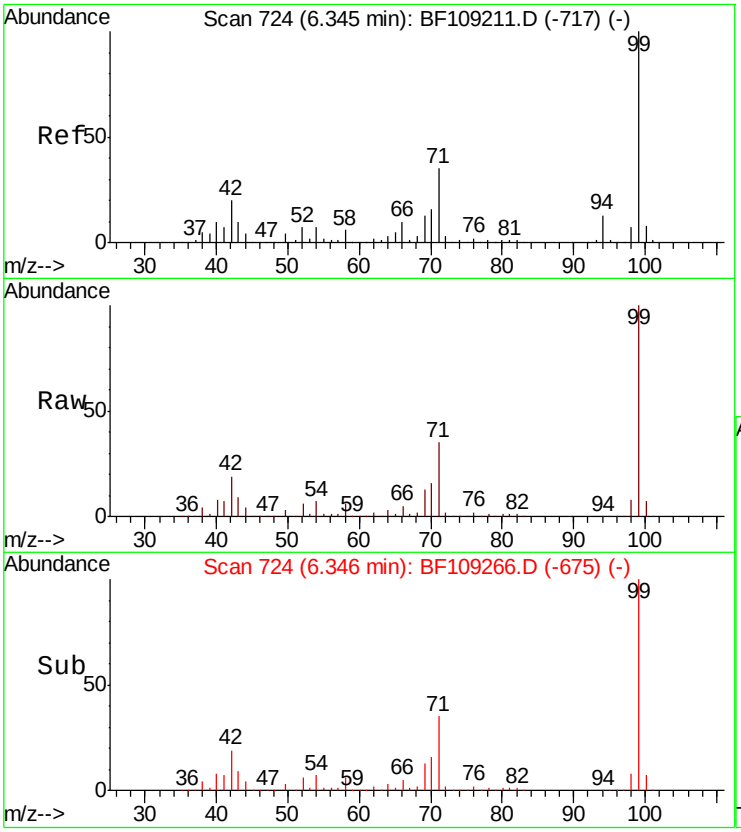


#5
2-Fluorophenol
Concen: 80.187 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:112 Resp: 524136

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.3	23.7	35.5



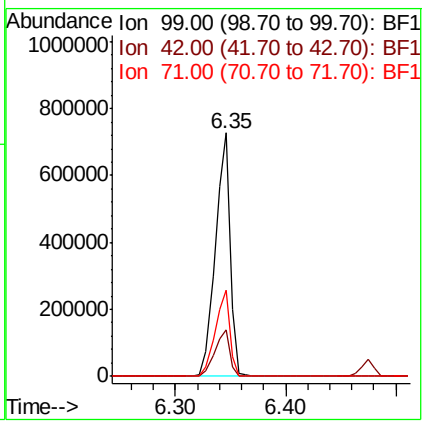


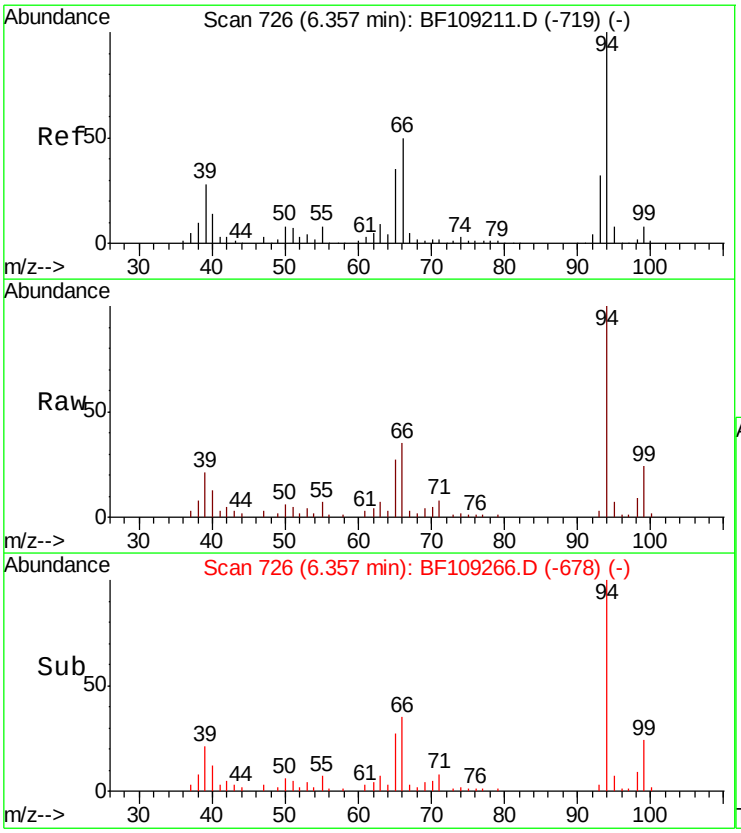
#7
Phenol-d6
Concen: 80.285 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 669638

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	35.1	25.4	38.0

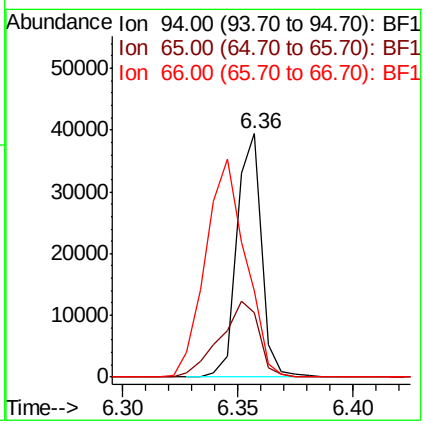


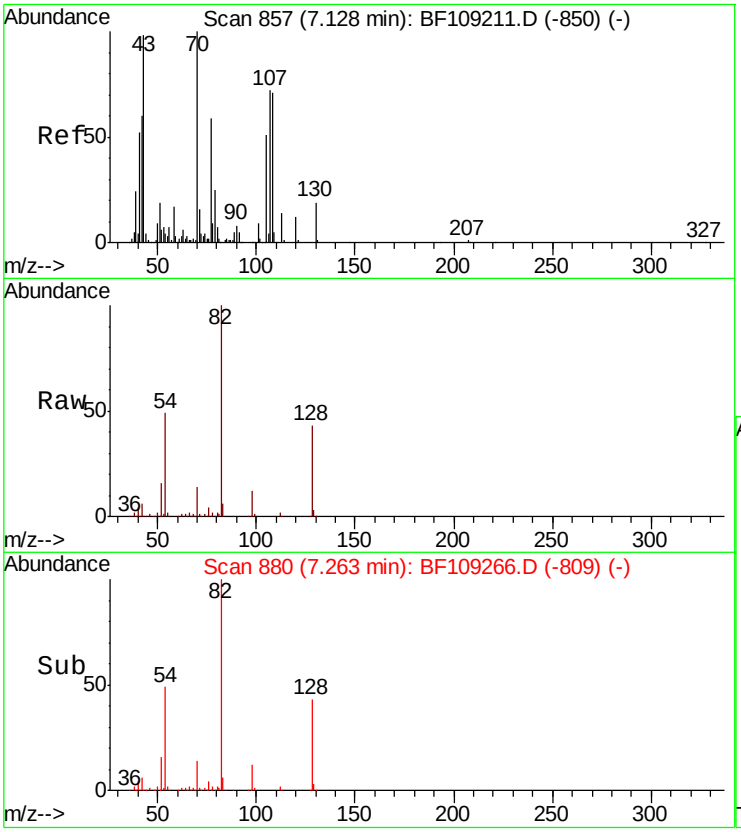


#10
Phenol
Concen: 3.113 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion: 94 Resp: 29404

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.9	47.9
66	35.5	16.2	56.2



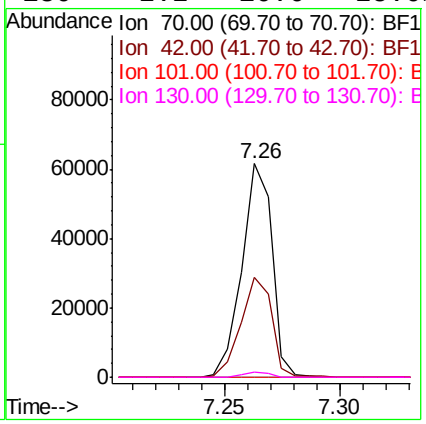


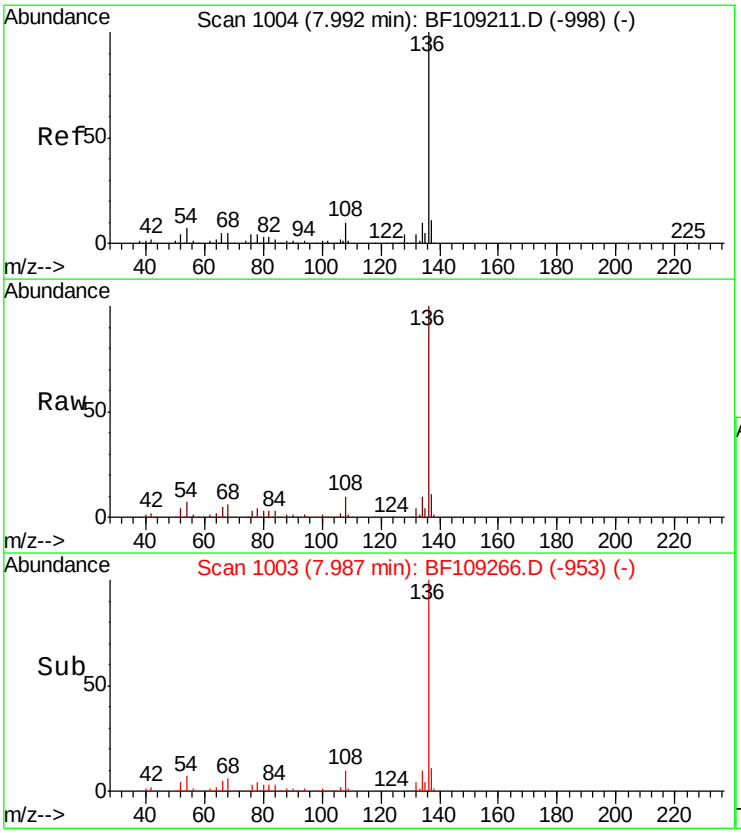
#19
n-Nitroso-di-n-propylamine
Concen: 10.342 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56524

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

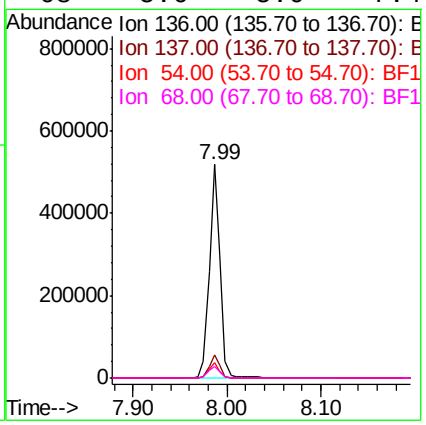


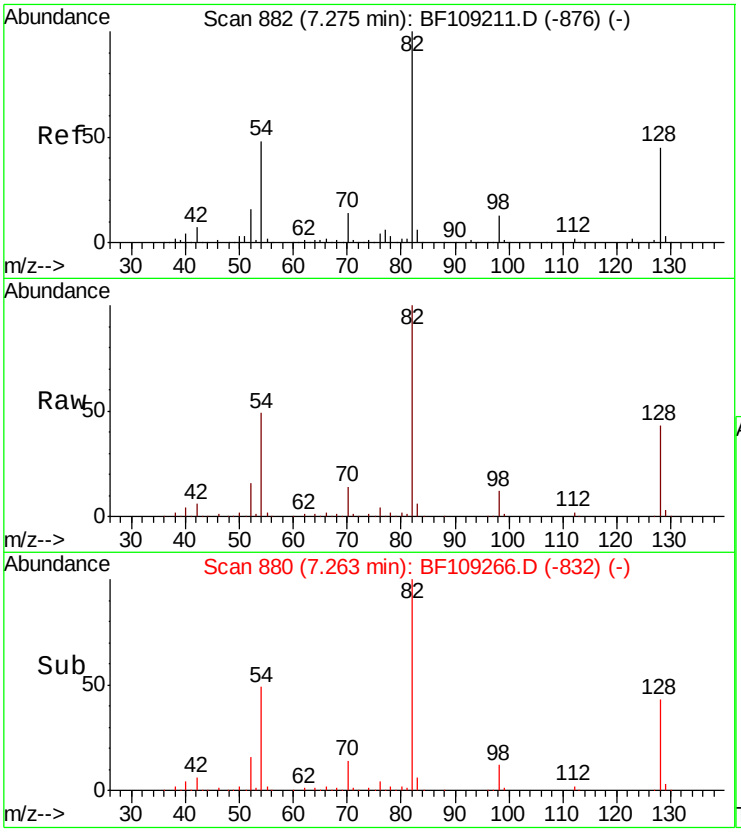


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:136 Resp: 417416

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.6	5.0	7.4



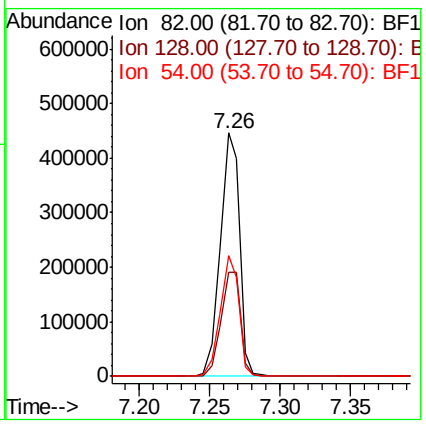


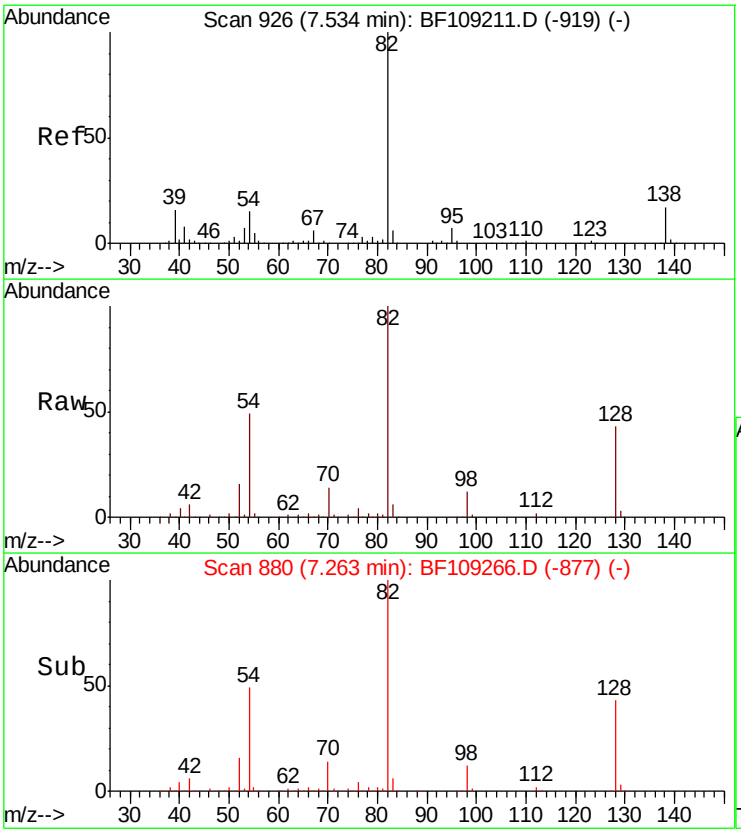
#23
Nitrobenzene-d5
Concen: 59.804 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 422879

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	49.3	41.4	62.2

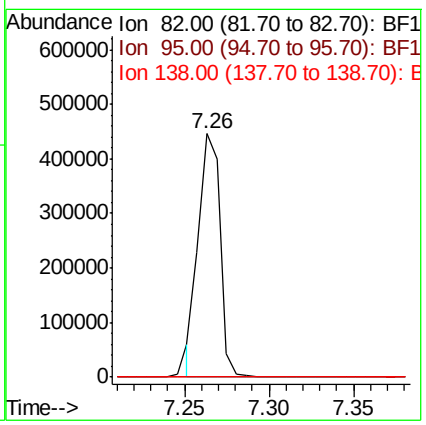


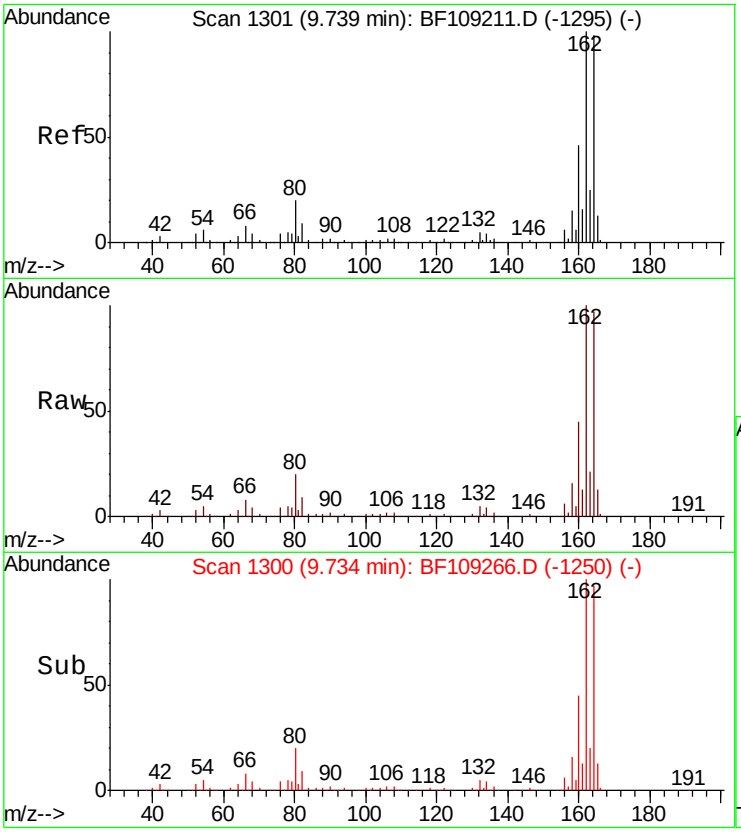


#25
Isophorone
Concen: 31.219 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion: 82 Resp: 397519

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

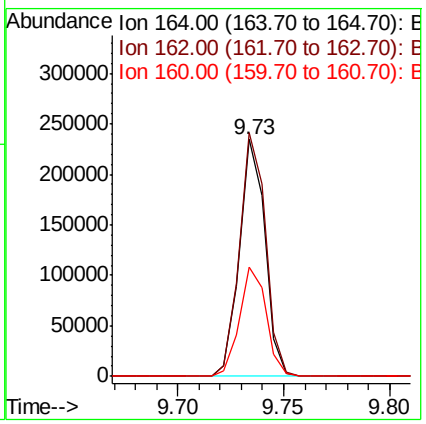




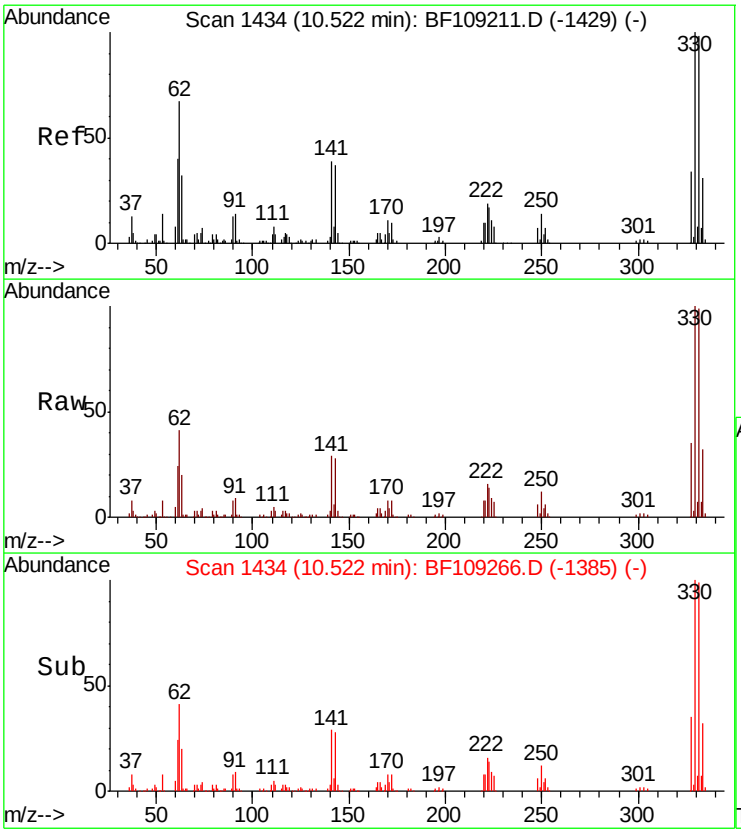
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:164 Resp: 196246

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.1	38.3	57.5



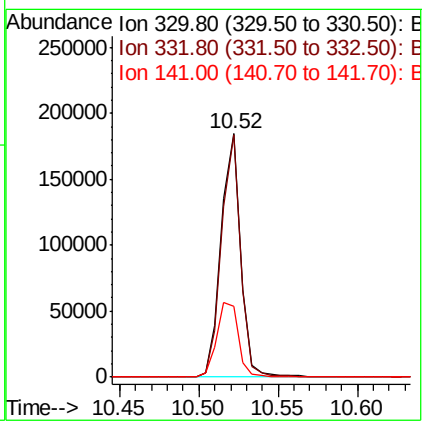
Instrument :
BNA_F
ClientSampleId :

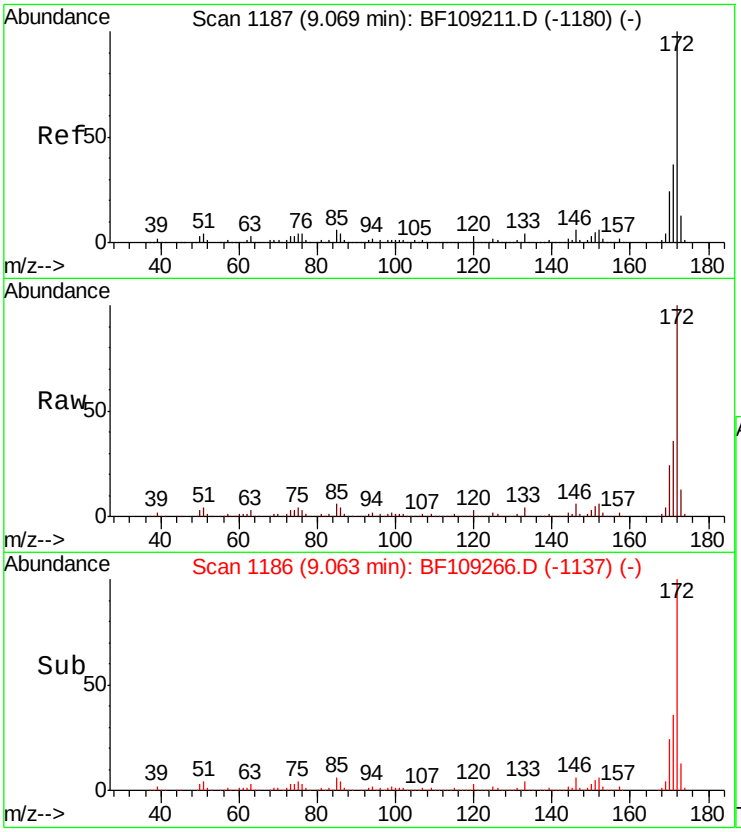


#41
2,4,6-Tribromophenol
Concen: 81.577 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:330 Resp: 157817

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.0	29.9	44.9

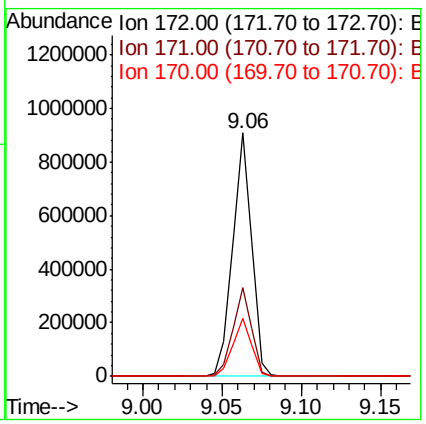




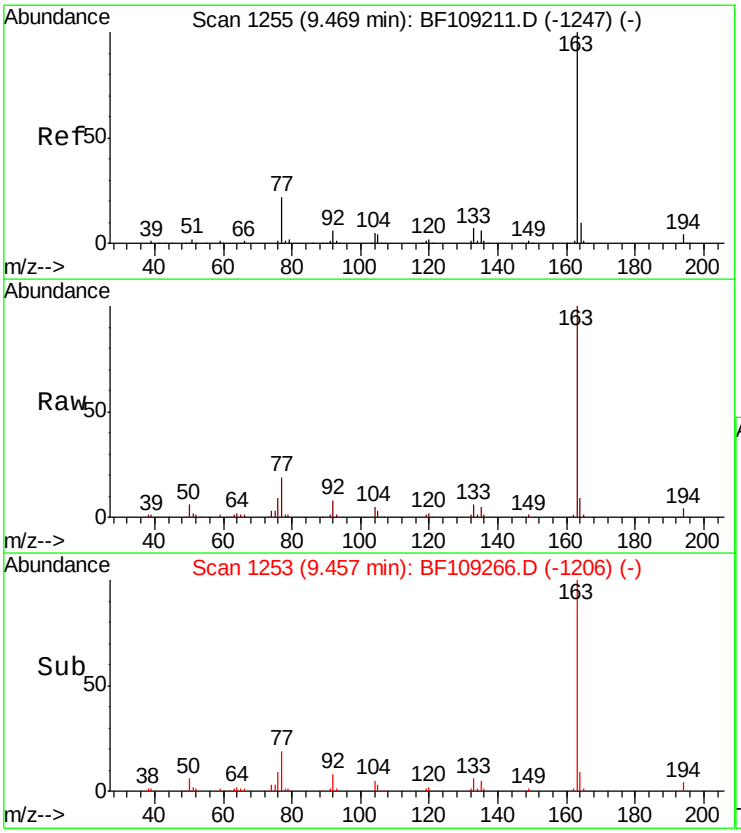
#44
2-Fluorobiphenyl
Concen: 58.541 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:172 Resp: 761731

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4



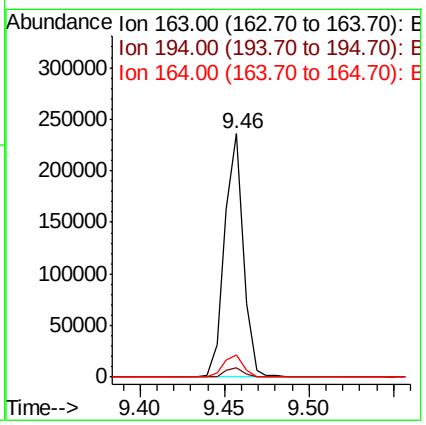
Instrument :
BNA_F
ClientSampleId :

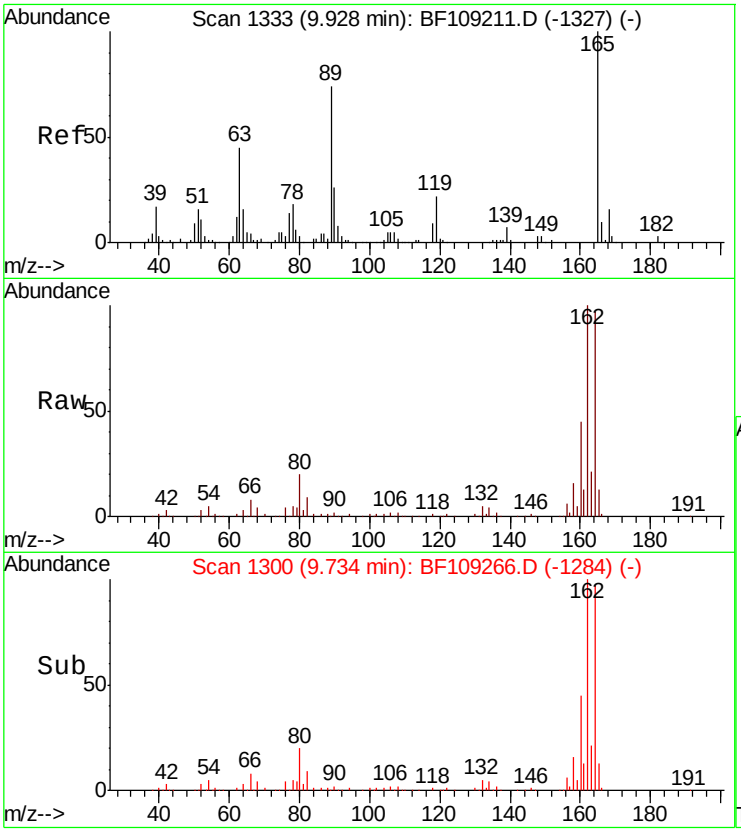


#49
Dimethylphthalate
Concen: 12.743 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:163 Resp: 181890

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	8.2	12.2



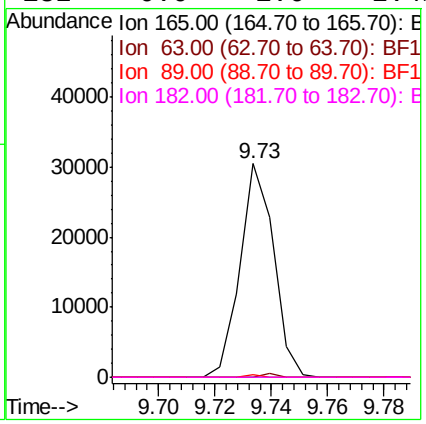


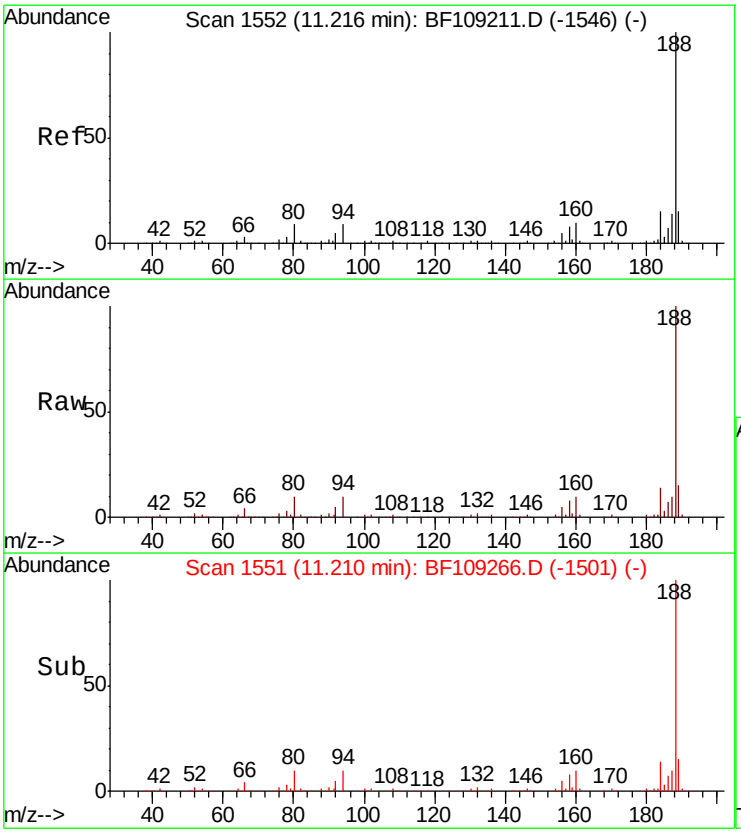
#56
2,4-Dinitrotoluene
Concen: 7.048 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25209

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

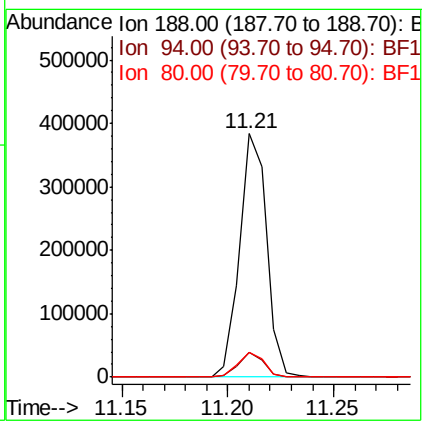


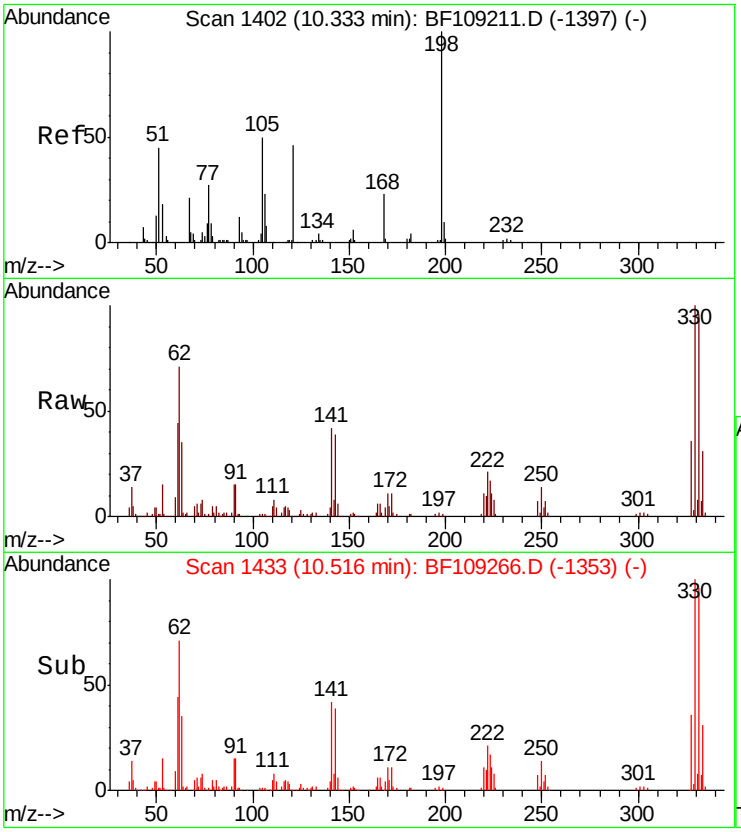


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:188 Resp: 340242

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.3	9.2	13.8



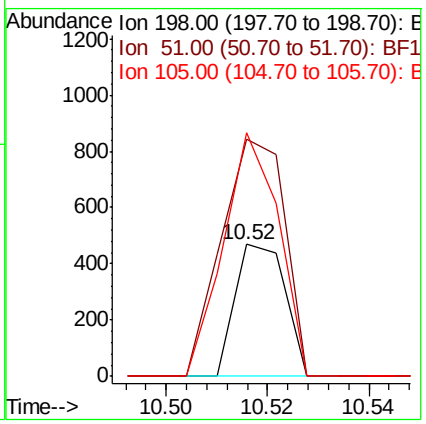


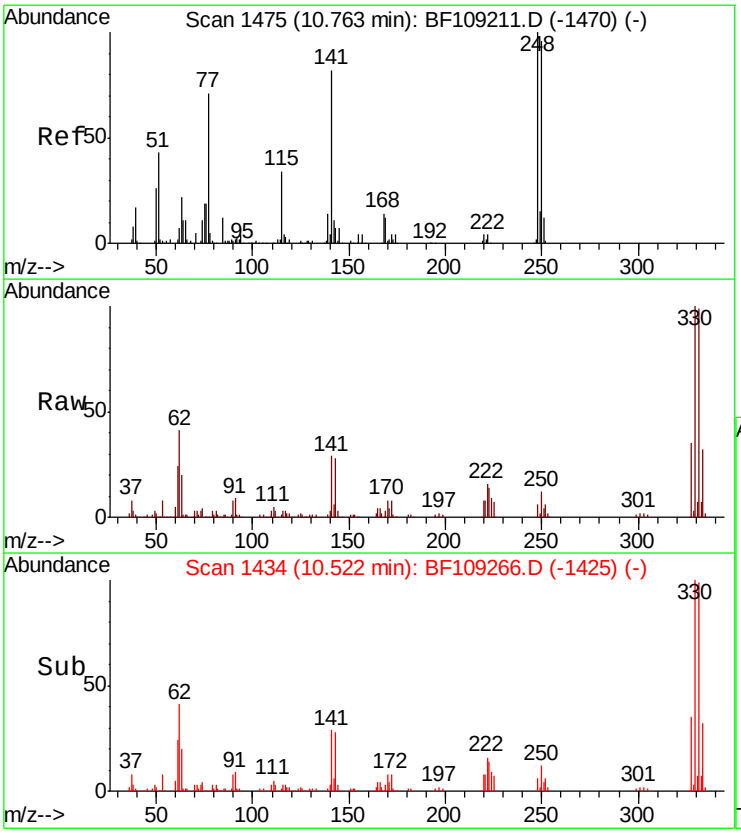
#64
4,6-Dinitro-2-methylphenol
Concen: 6.723 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 320

Ion	Ratio	Lower	Upper
198	100		
51	180.1	37.7	77.7#
105	185.0	36.3	76.3#

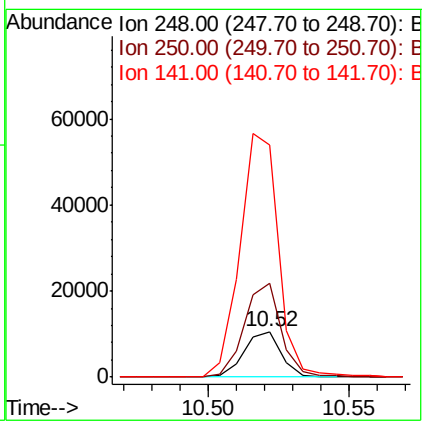


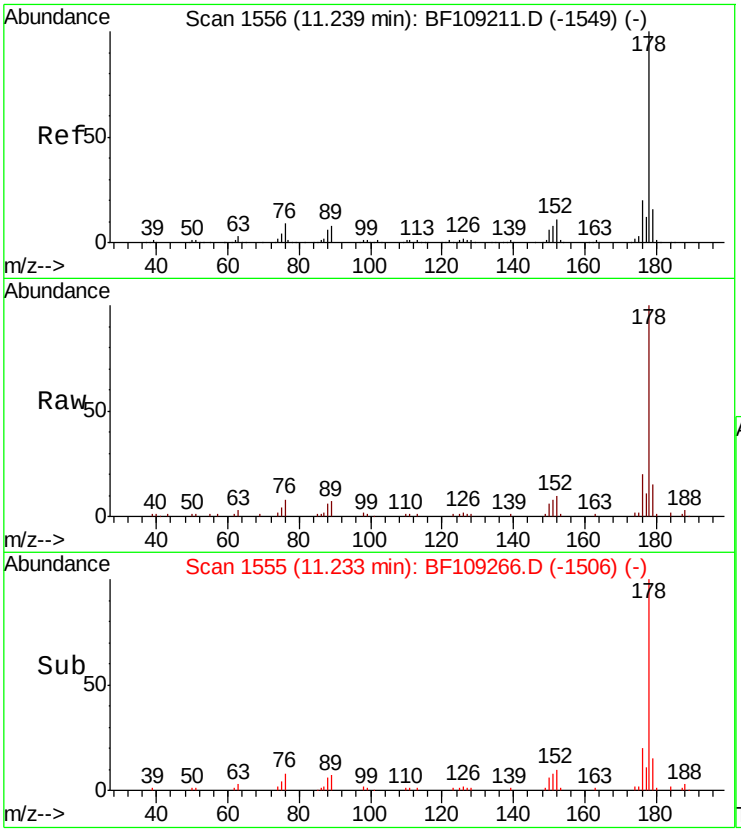


#66
4-Bromophenyl-phenylether
Concen: 2.539 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:248 Resp: 9593

Ion	Ratio	Lower	Upper
248	100		
250	204.0	76.9	115.3#
141	508.7	74.4	111.6#



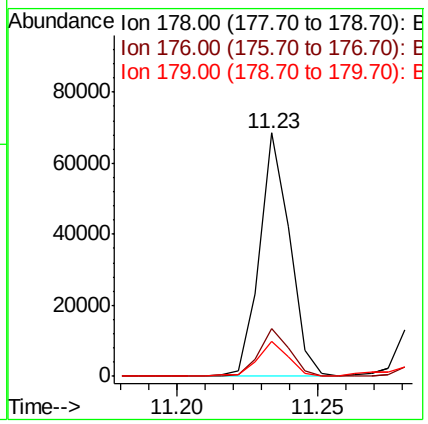


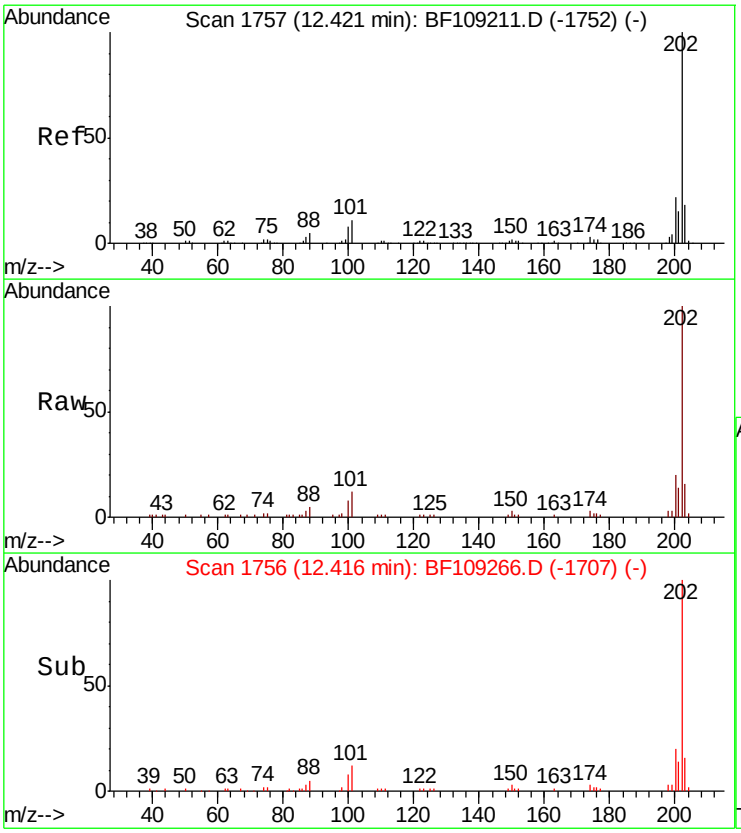
#70
Phenanthrene
Concen: 2.991 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50813

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.5	13.0	19.6

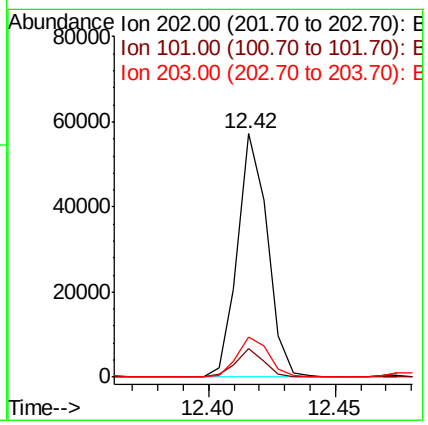


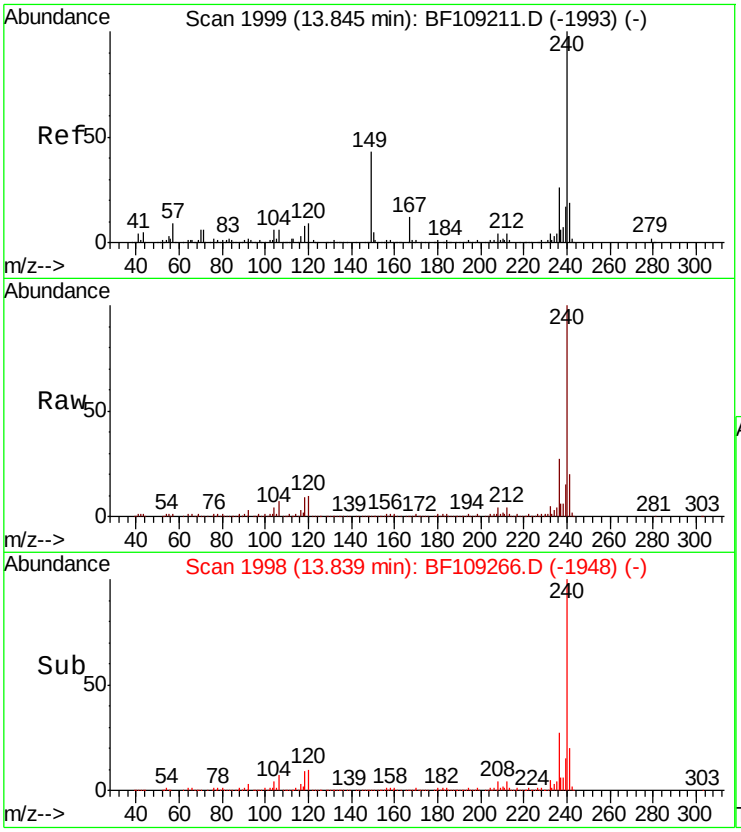


#74
Fluoranthene
Concen: 2.577 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:202 Resp: 46792

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	16.5	0.0	38.1



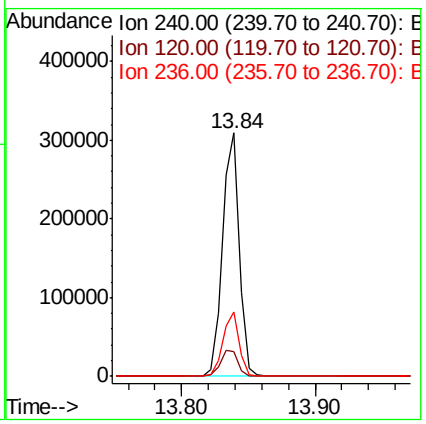


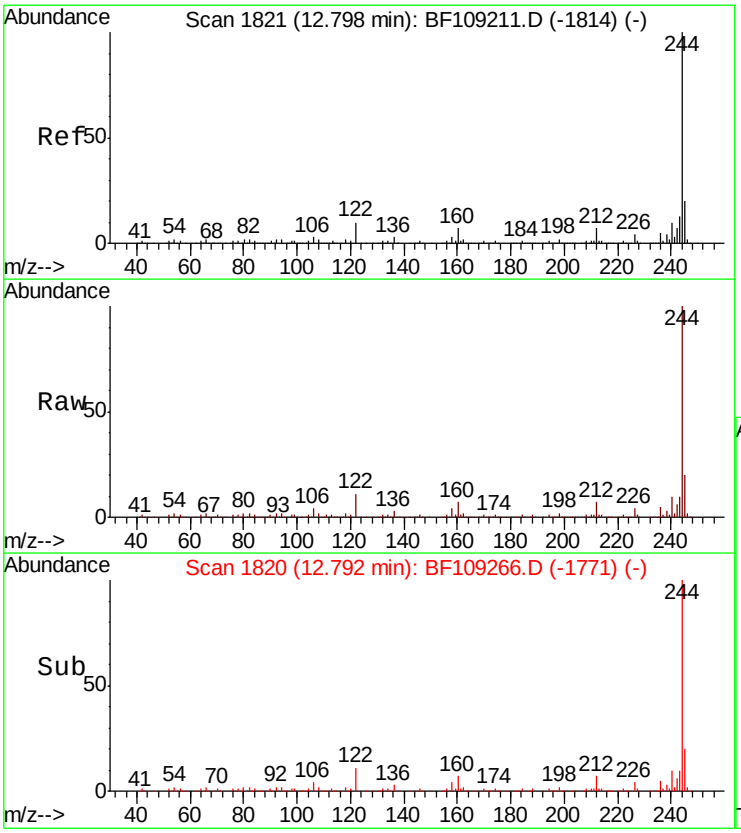
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 274125

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.7	20.7	31.1

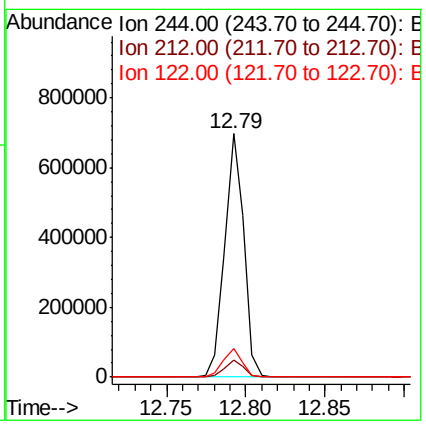


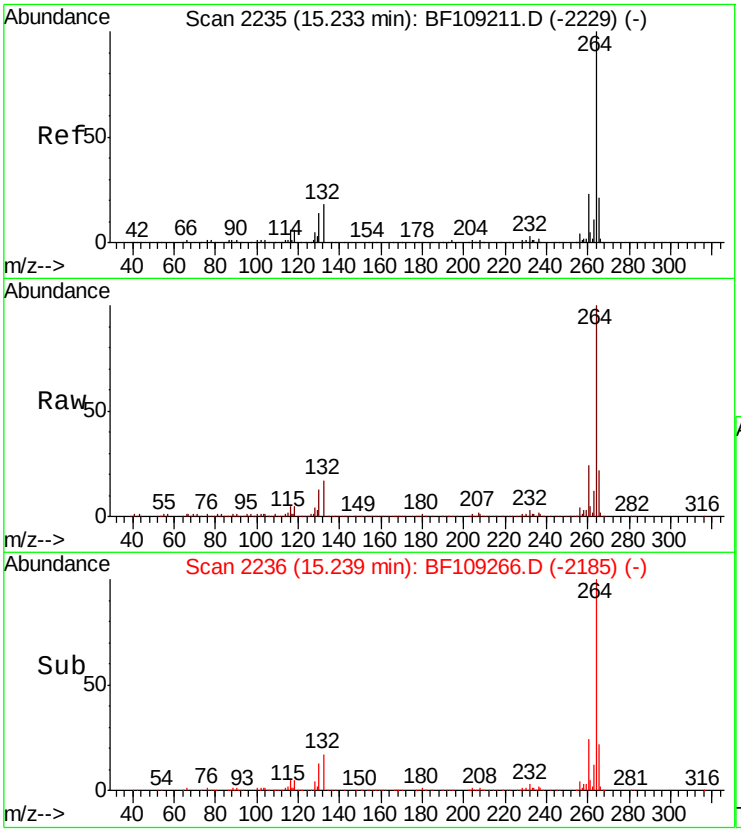


#78
Terphenyl-d14
Concen: 51.824 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion:244 Resp: 578866

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	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: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 283756

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3