Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109385.D
Acq On : 27 Sep 2018 14:27
Operator : JU/SJ
Sample : J5066-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 27 17:54:39 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	106783	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	415139	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	197303	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	360177	20.00	ng		0.00
75) Chrysene-d12	13.84	240	240908	20.00	ng		0.00
86) Perylene-d12	15.24	264	283167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	514699	79.39	ng		0.00
7) Phenol-d6	6.35	99	662430	80.07	ng		-0.01
23) Nitrobenzene-d5	7.26	82	417048	59.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	144562	74.33	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	724314	55.37	ng		-0.01
78) Terphenyl-d14	12.79	244	609154	62.06	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	25044	2.673	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	56108	10.351	ng	#	79
25) Isophorone	7.26	82	395651	31.243	ng	#	64
49) Dimethylphthalate	9.46	163	219478	15.294	ng		99
56) 2,4-Dinitrotoluene	9.73	165	24935	6.934	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.52	198	271	6.682	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	9000	2.250	ng	#	1

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

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Acq On : 27 Sep 2018 14:27
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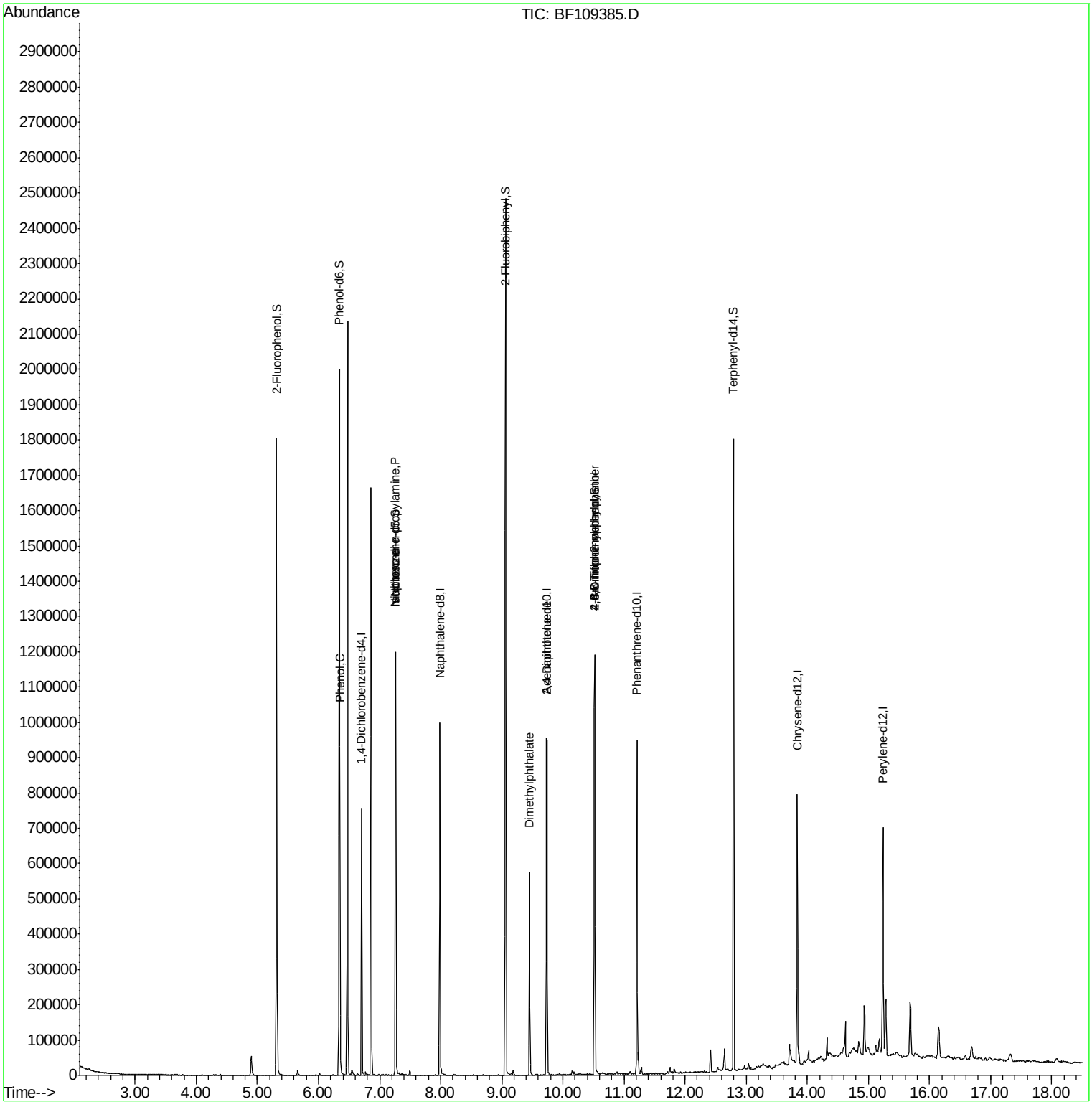
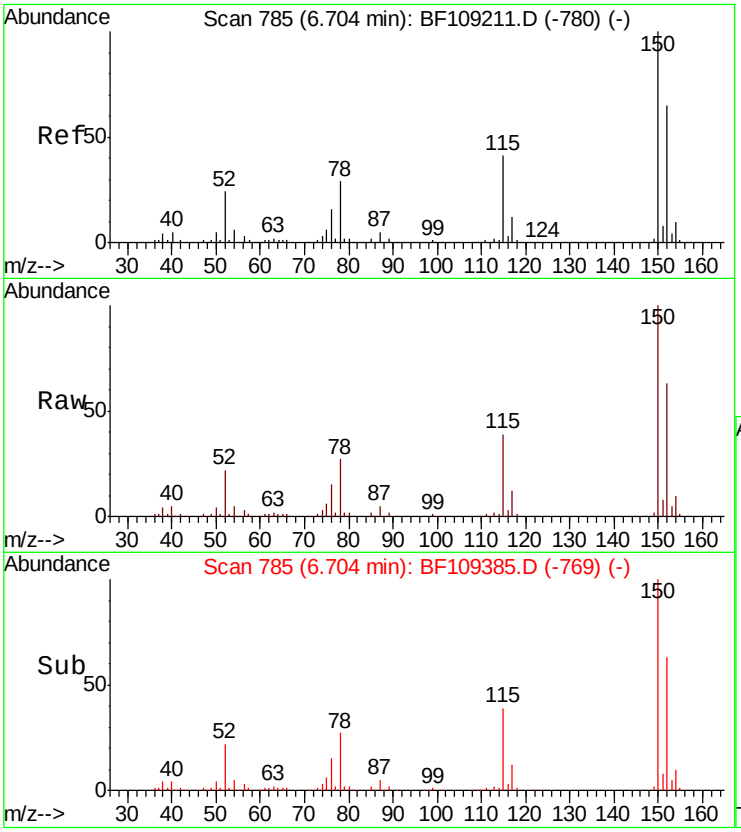


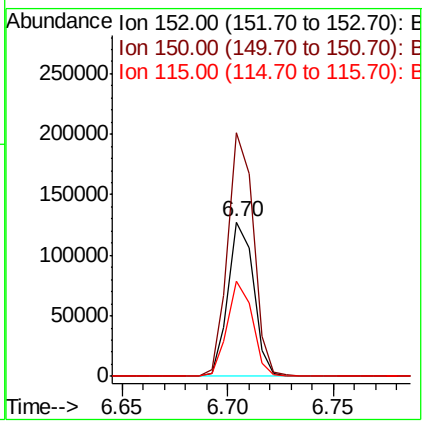


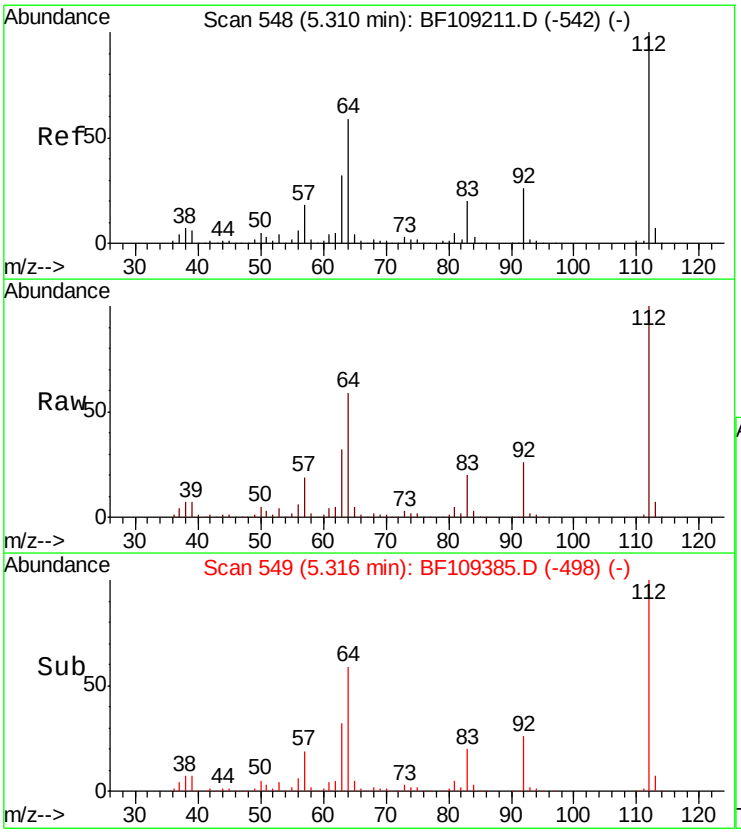
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106783

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	61.8	50.1	75.1

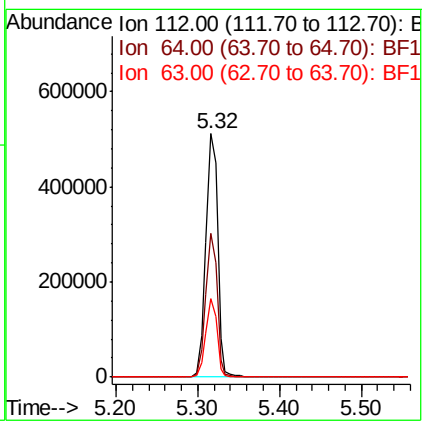


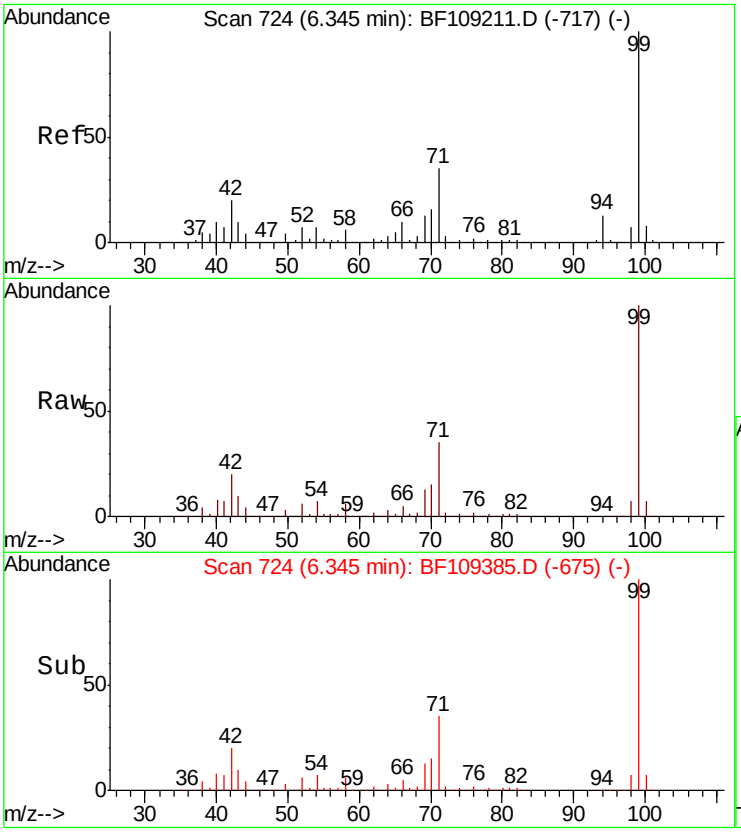


#5
2-Fluorophenol
Concen: 79.390 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:112 Resp: 514699

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	32.0	23.7	35.5



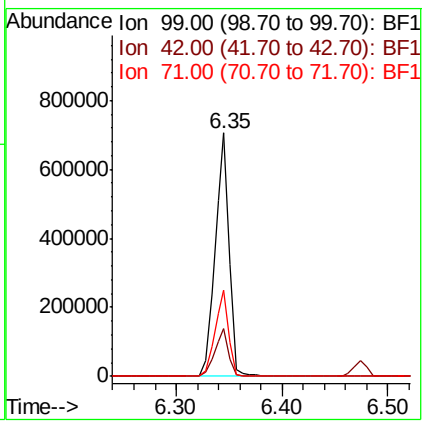


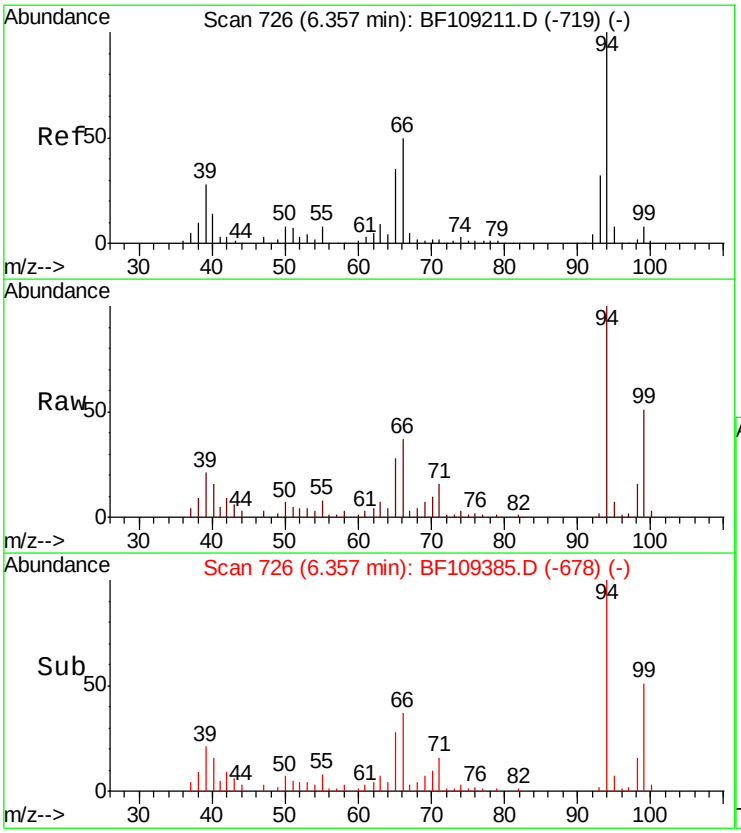
#7
Phenol-d6
Concen: 80.073 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 662430

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	35.5	25.4	38.0

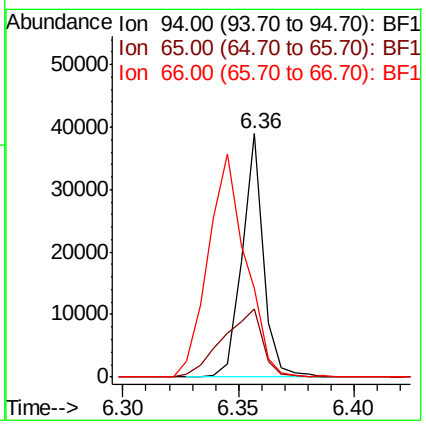


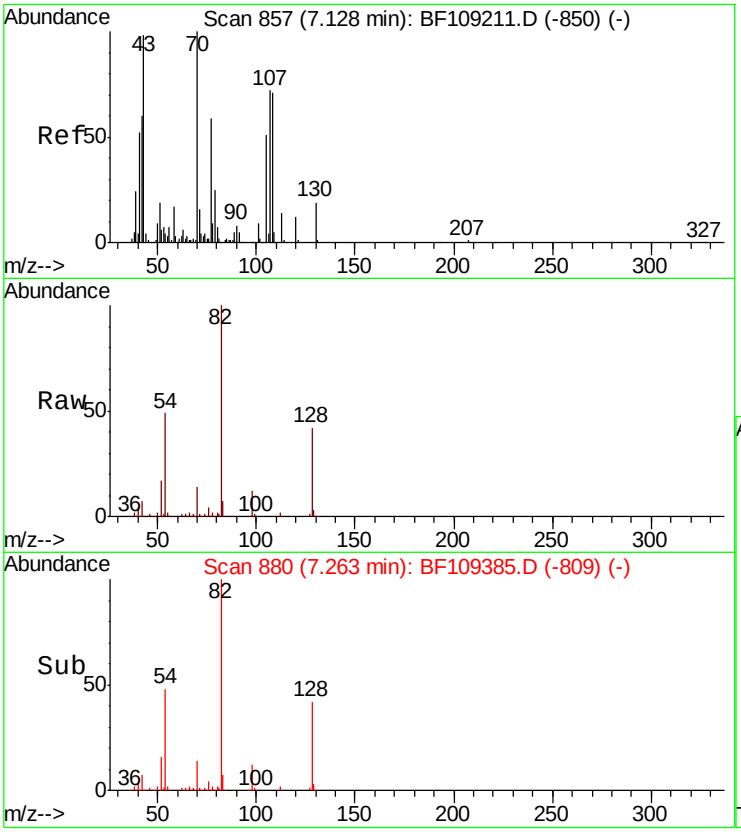


#10
Phenol
Concen: 2.673 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion: 94 Resp: 25044

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	36.6	16.2	56.2



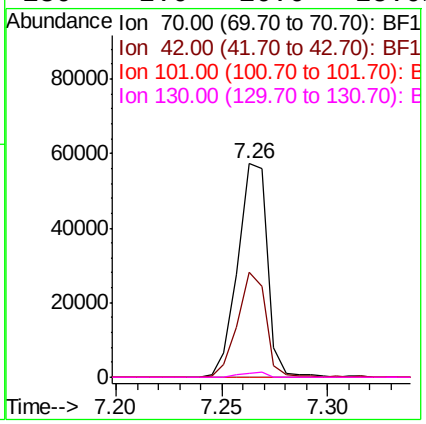


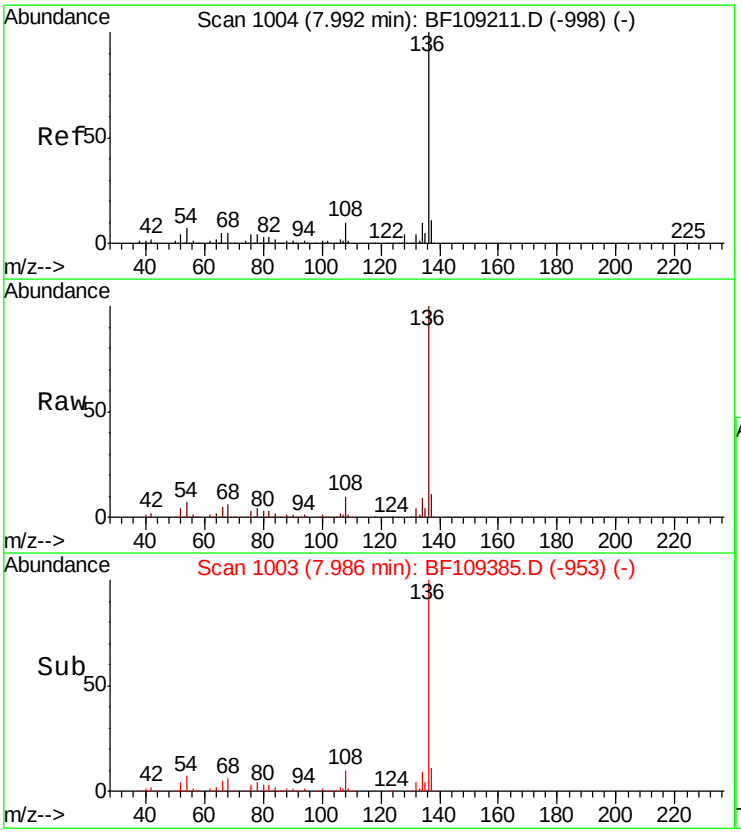
#19
n-Nitroso-di-n-propylamine
Concen: 10.351 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56108

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

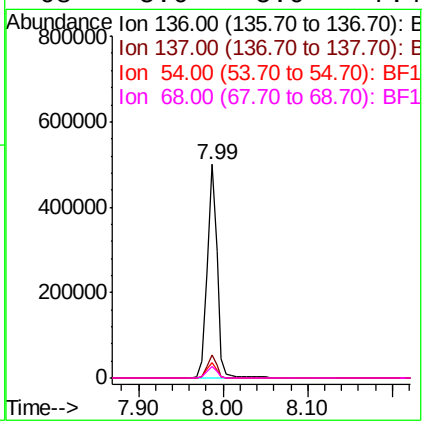


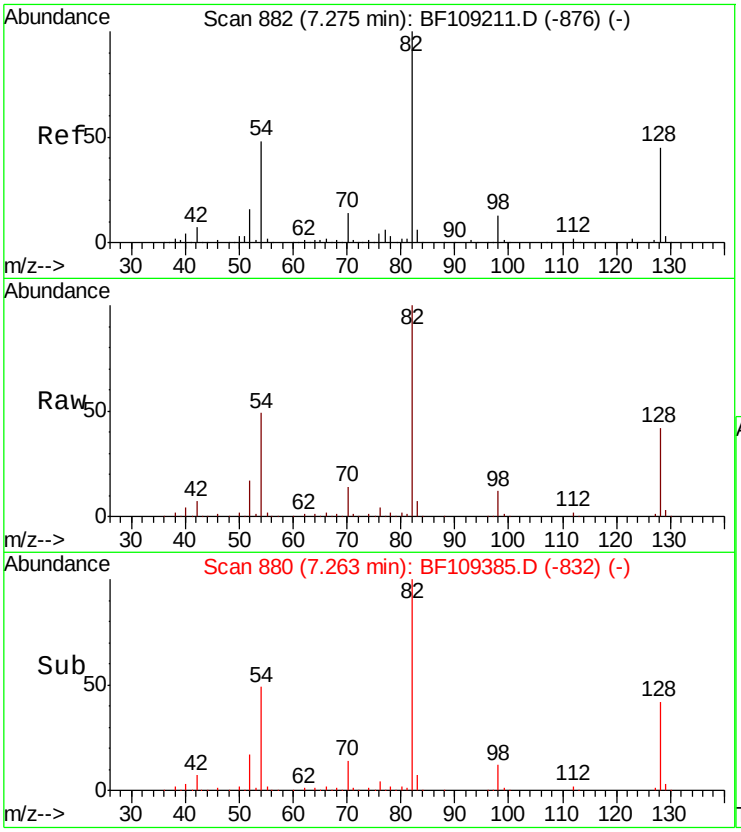


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:136 Resp: 415139

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.6	5.0	7.4



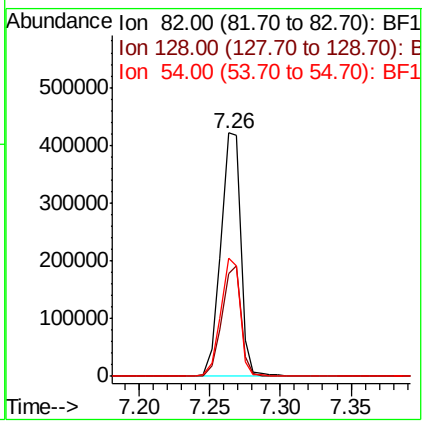


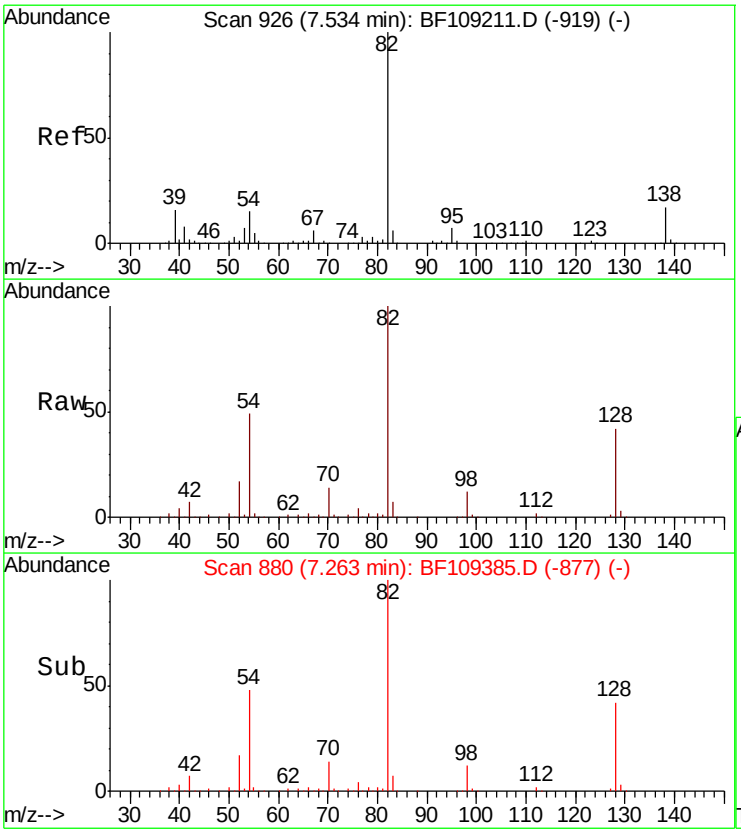
#23
Nitrobenzene-d5
Concen: 59.303 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 417048

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	48.5	41.4	62.2

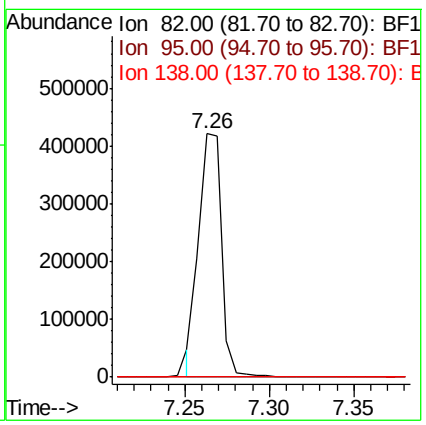


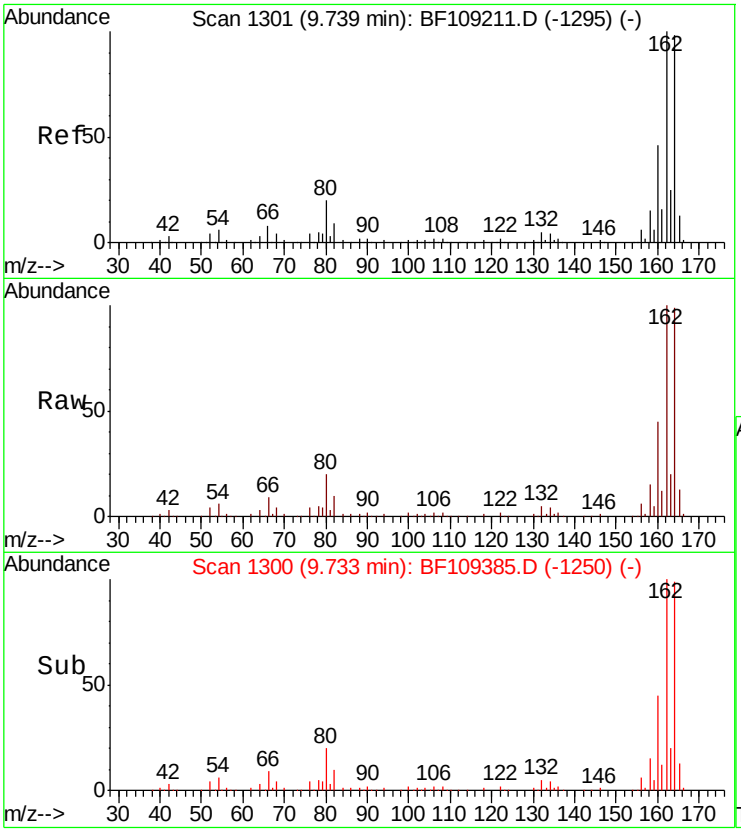


#25
Isophorone
Concen: 31.243 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion: 82 Resp: 395651

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



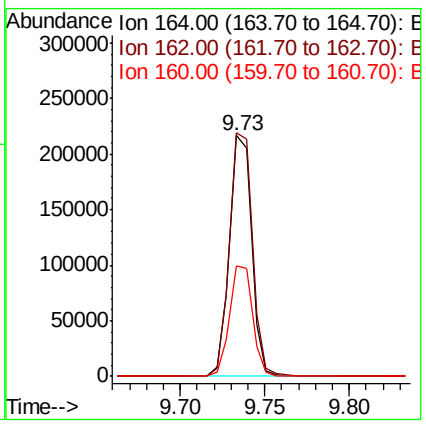


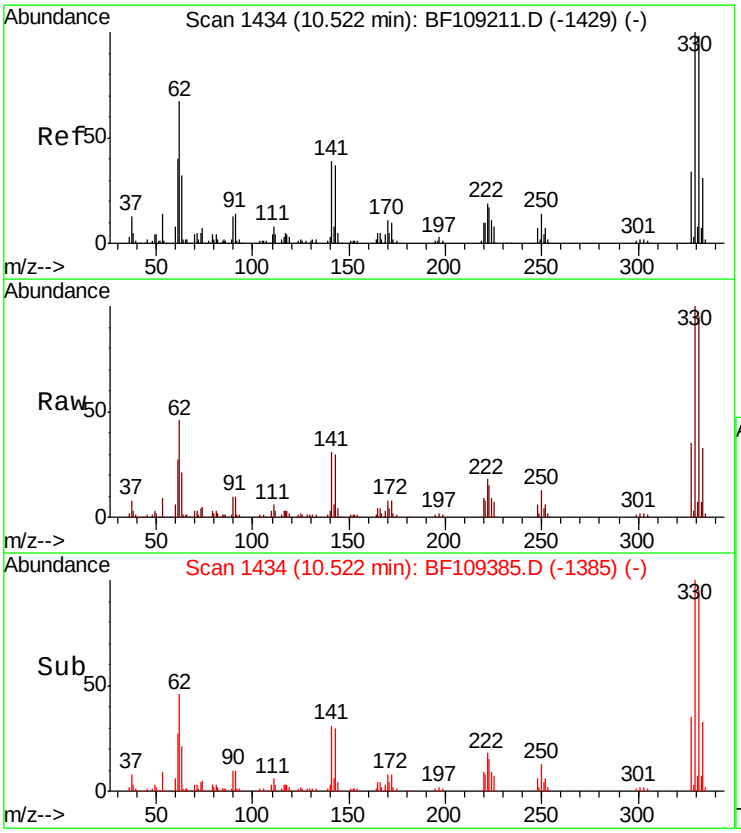
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 197303

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.7	38.3	57.5

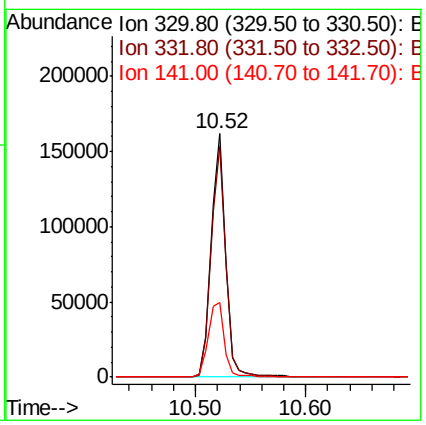


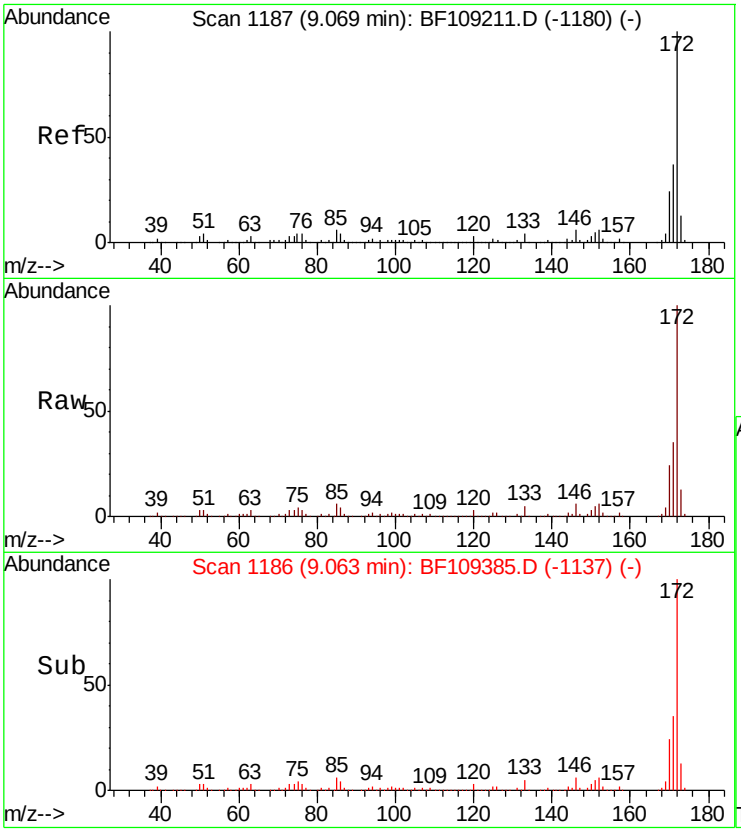


#41
2,4,6-Tribromophenol
Concen: 74.325 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:330 Resp: 144562

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.5	29.9	44.9



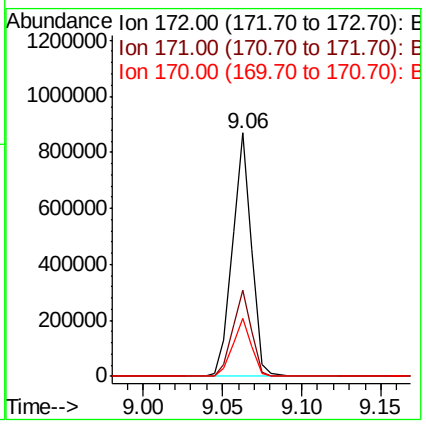


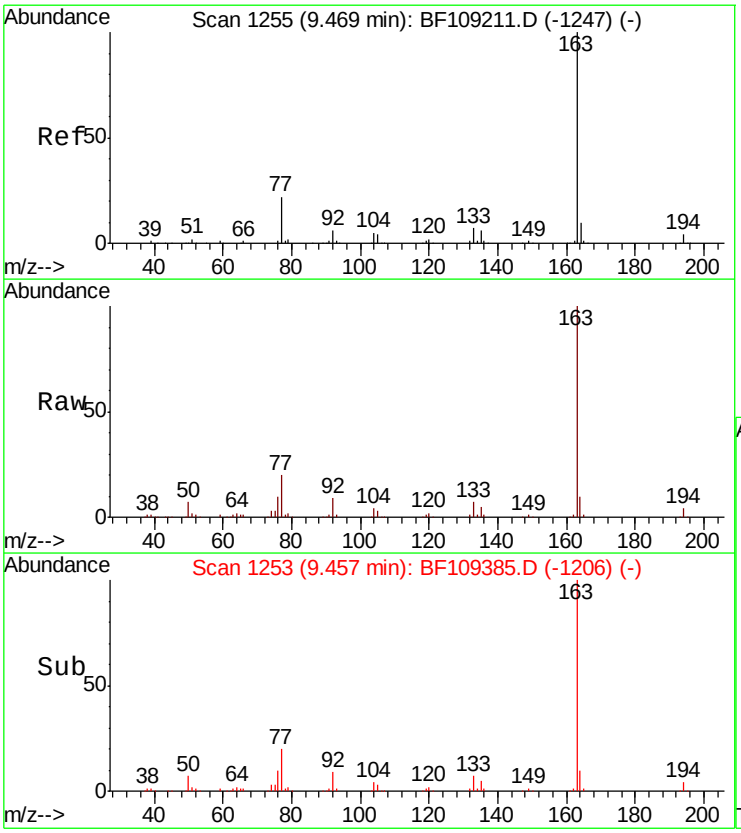
#44
2-Fluorobiphenyl
Concen: 55.367 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 724314

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.8	19.6	29.4

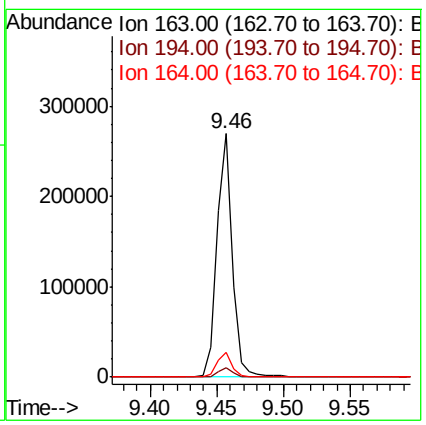


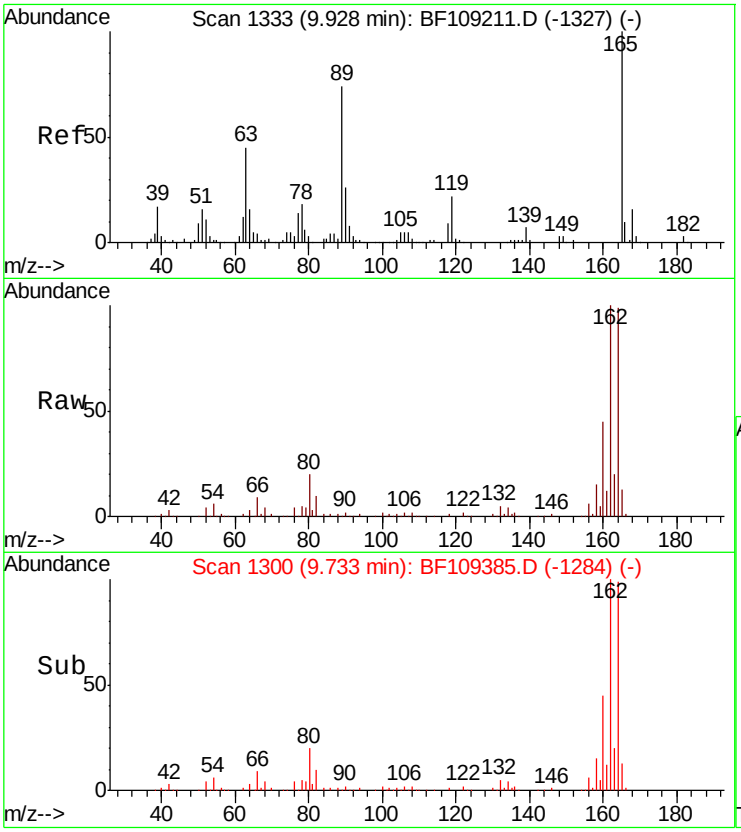


#49
Dimethylphthalate
Concen: 15.294 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:163 Resp: 219478

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2



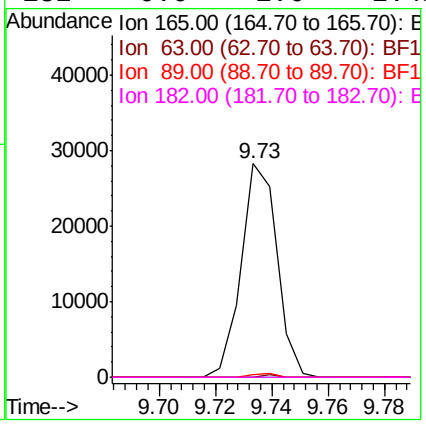


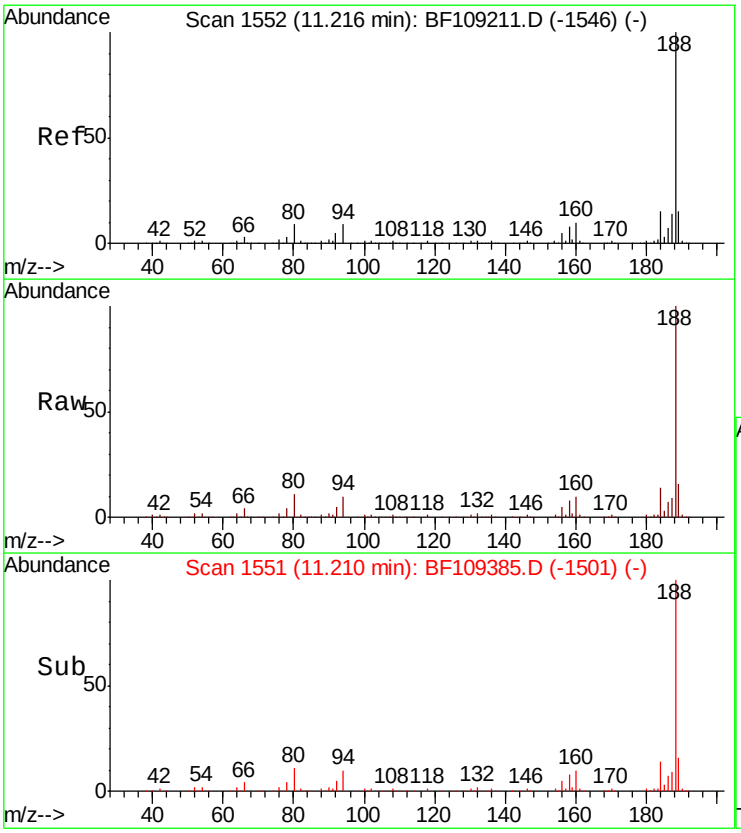
#56
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24935

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

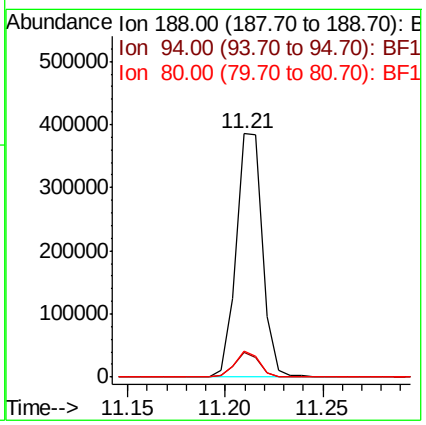


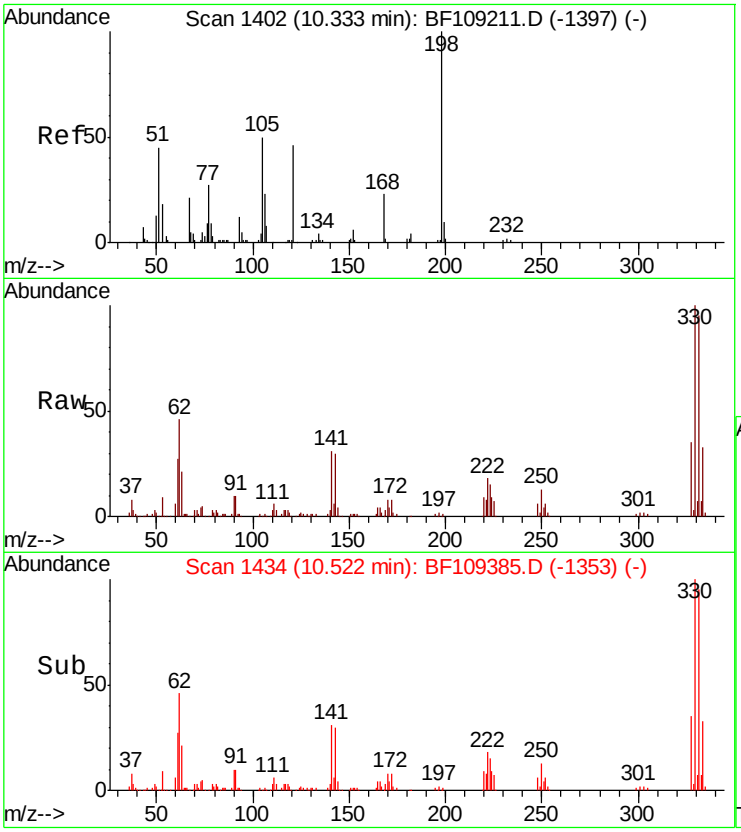


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:188 Resp: 360177

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8



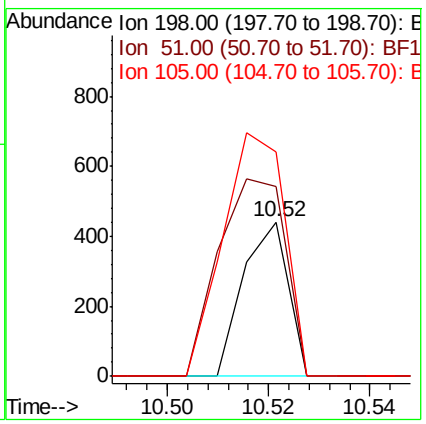


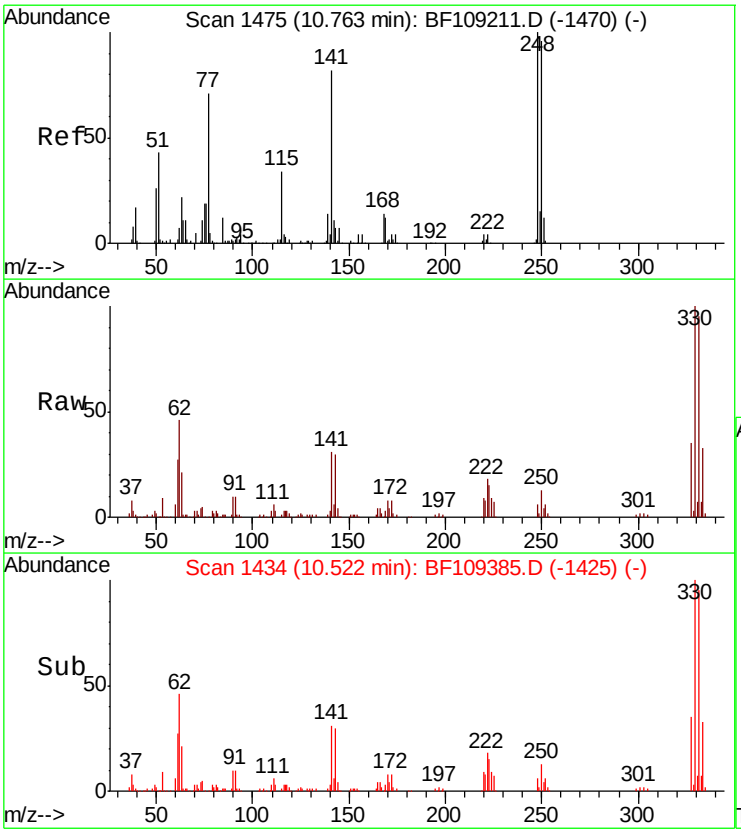
#64
4,6-Dinitro-2-methylphenol
Concen: 6.682 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 271

Ion	Ratio	Lower	Upper
198	100		
51	123.4	37.7	77.7#
105	145.6	36.3	76.3#

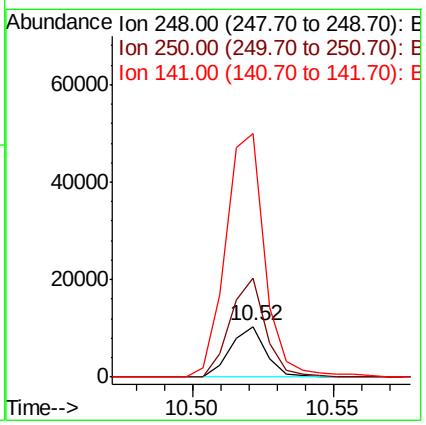


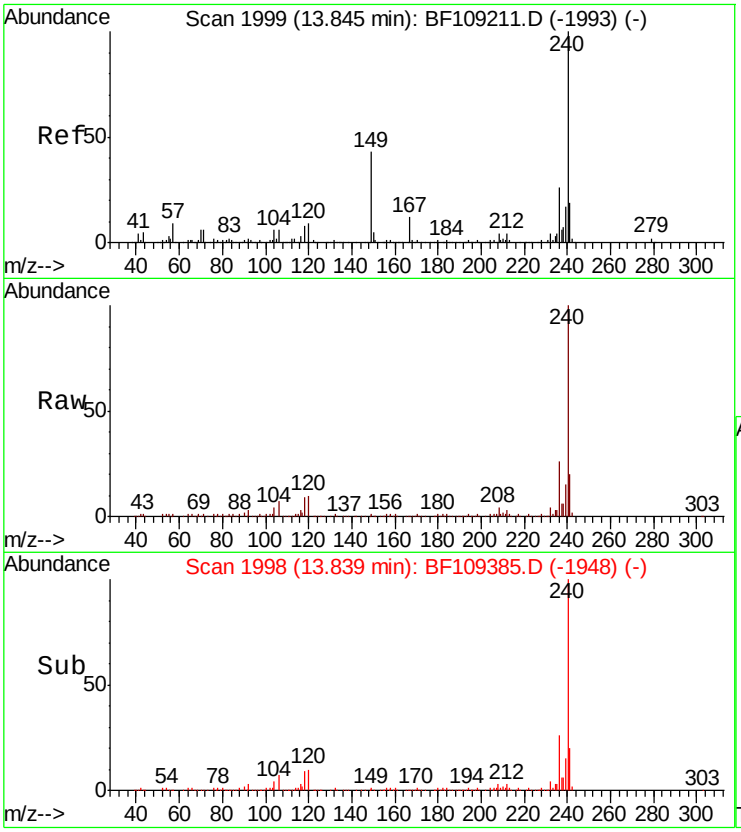


#66
4-Bromophenyl-phenylether
Concen: 2.250 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:248 Resp: 9000

Ion	Ratio	Lower	Upper
248	100		
250	197.0	76.9	115.3#
141	483.3	74.4	111.6#



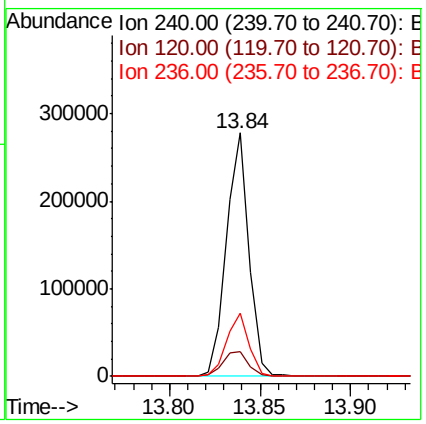


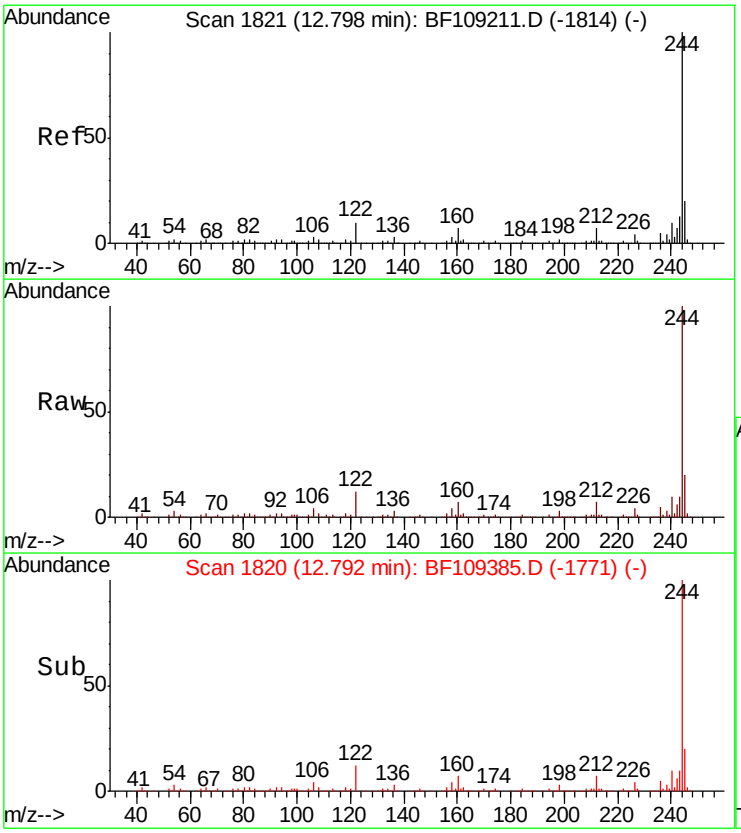
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 240908

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.2	20.7	31.1

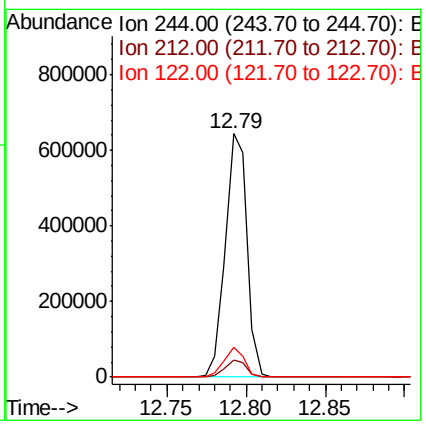


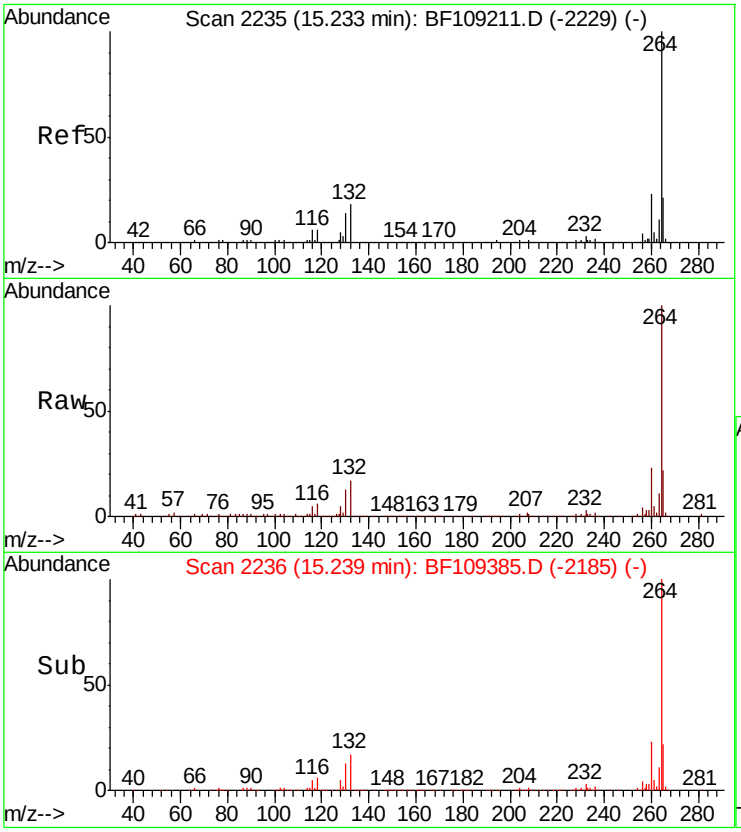


#78
Terphenyl-d14
Concen: 62.055 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109385.D
Acq: 27 Sep 2018 14:27

Tgt Ion:244 Resp: 609154

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.2	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: BF109385.D
Acq: 27 Sep 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 283167

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	17.5	26.3