Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109945.D
Acq On : 18 Oct 2018 2:37
Operator : JU/SJ
Sample : J5543-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 10:44:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	201218	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	786157	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	320233	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	478998	20.00	ng	0.00
76) Chrysene-d12	14.15	240	435390	20.00	ng	-0.01
87) Perylene-d12	15.68	264	444057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	559567	44.08	ng	0.00
7) Phenol-d6	6.59	99	435302	27.62	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1184006	101.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	234873	84.72	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2078525	103.57	ng	0.00
79) Terphenyl-d14	13.09	244	1382495	66.68	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.60	94	35016	2.058	ng	# 61
19) n-Nitroso-di-n-propylamine	7.54	70	156126	15.426	ng	# 79
25) Isophorone	7.54	82	1183992	51.633	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	41346	9.600	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	41346	11.457	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	504	8.147	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	14604	2.813	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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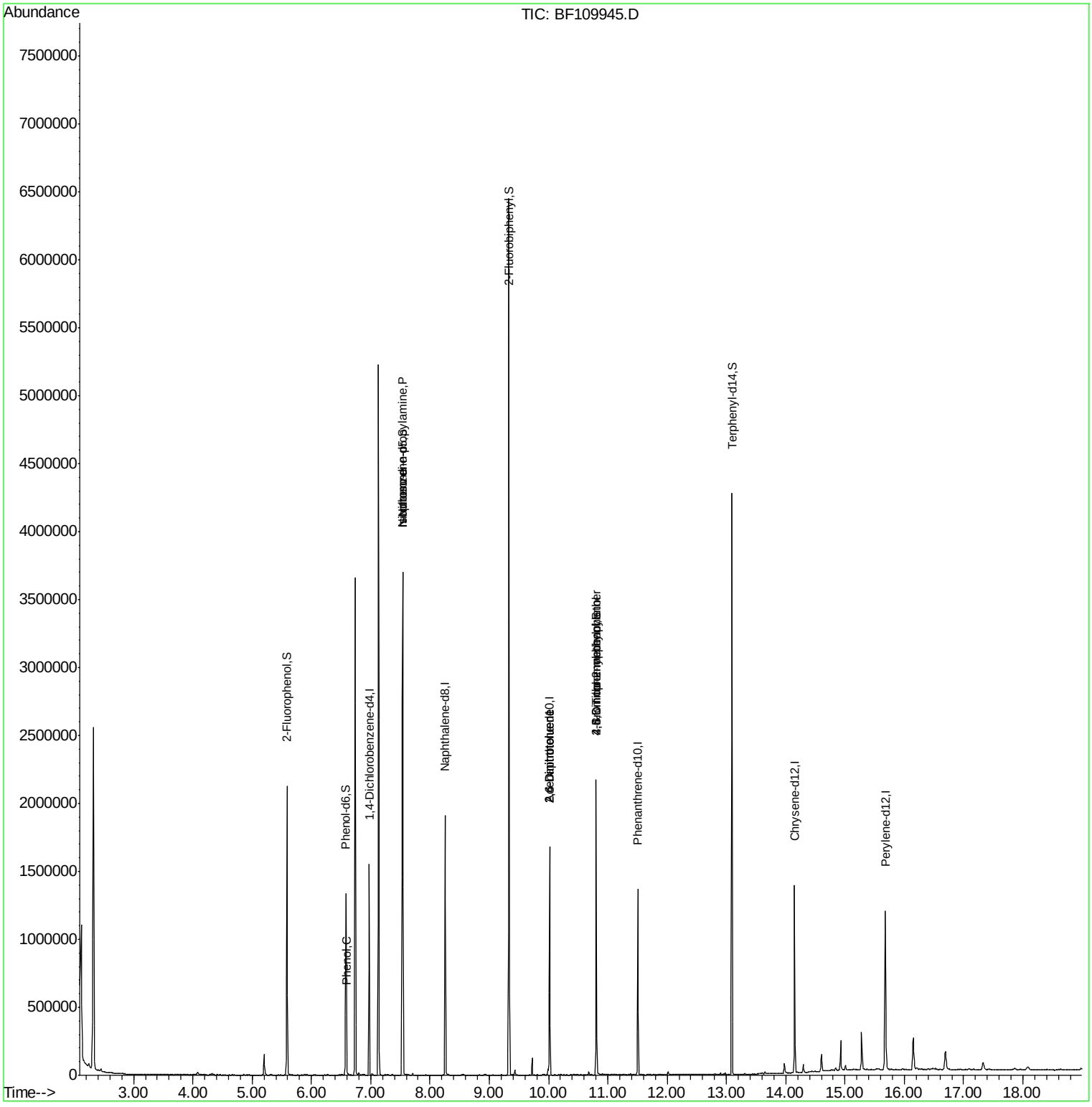
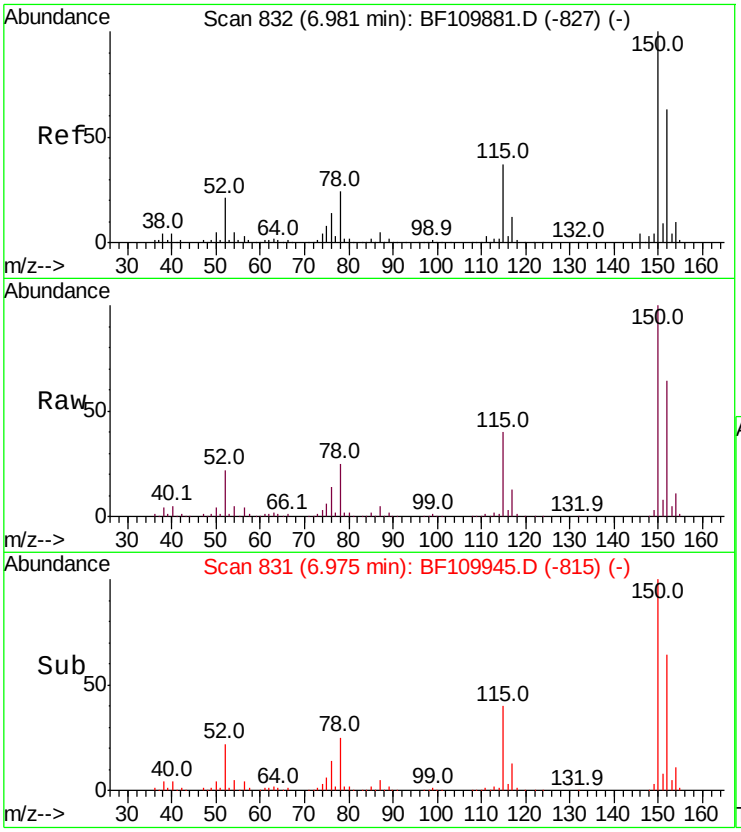


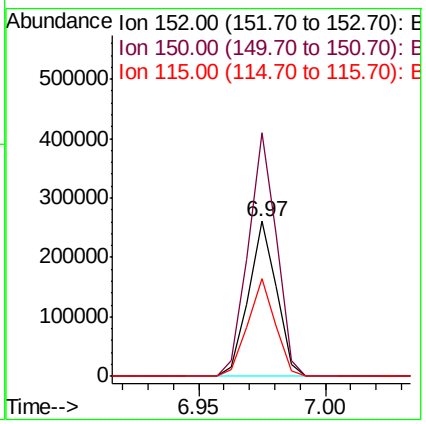


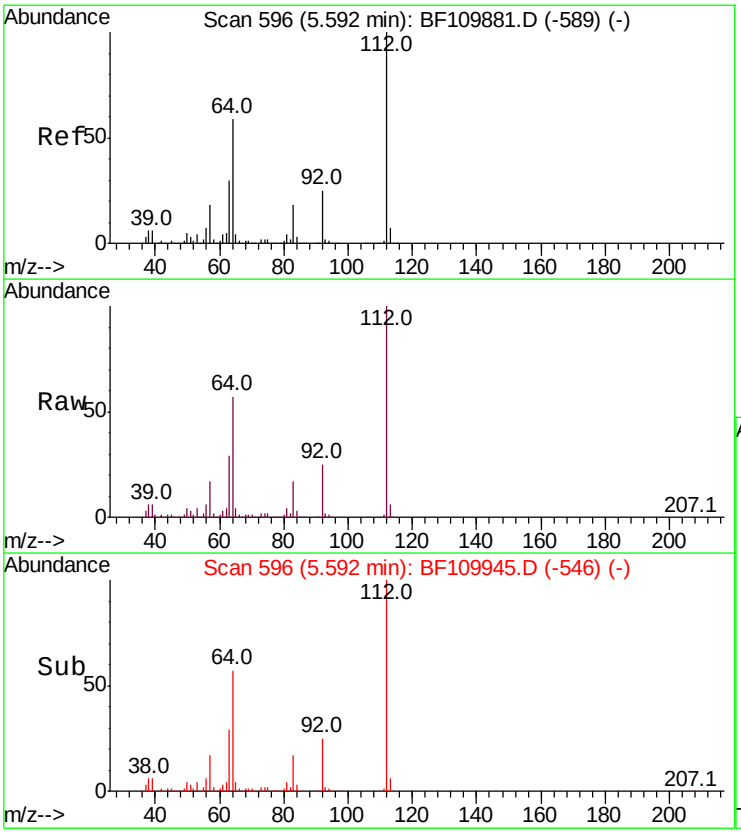
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 201218

Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	63.2	49.1	73.7

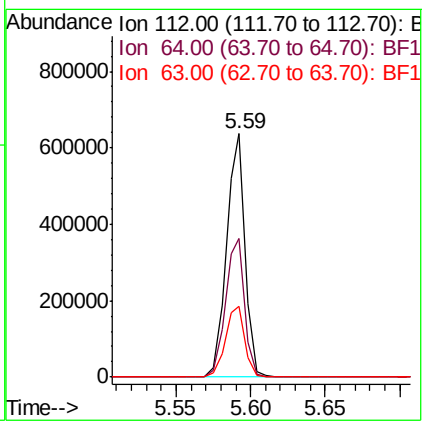


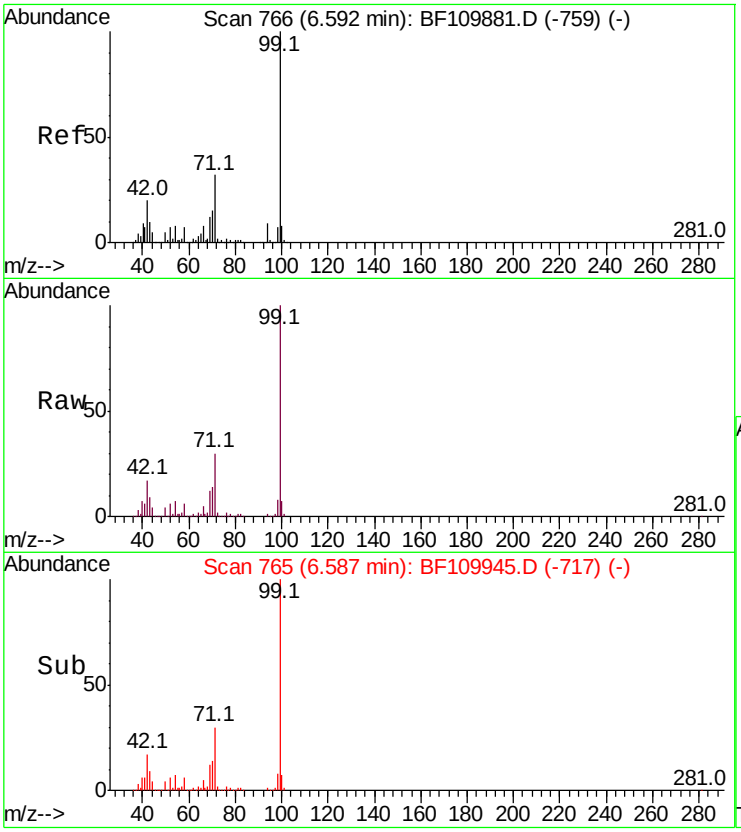


#5
2-Fluorophenol
Concen: 44.081 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:112 Resp: 559567

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	29.0	23.7	35.5



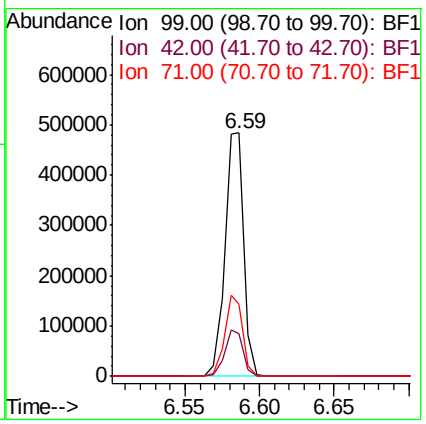


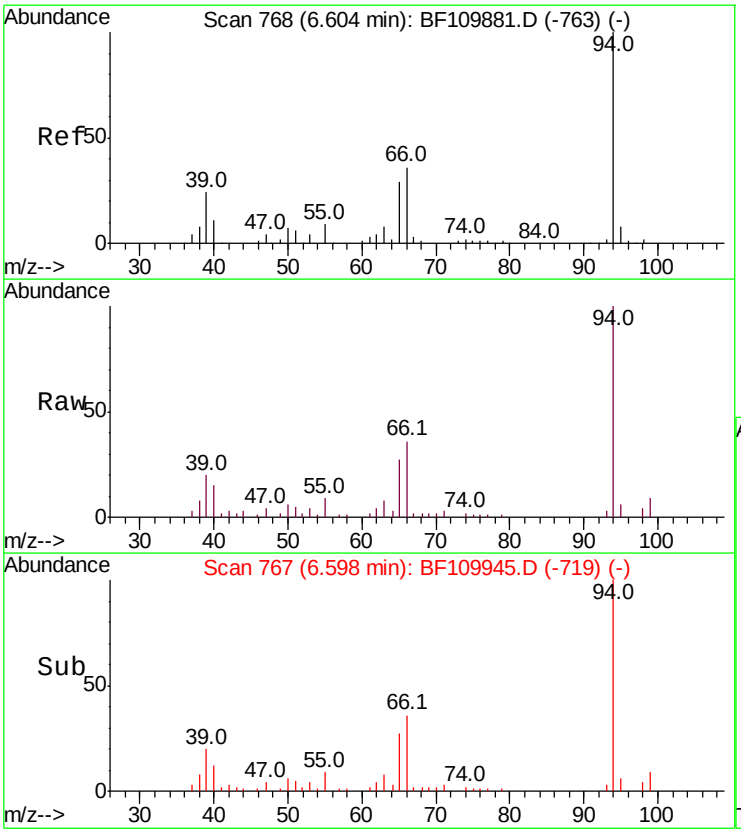
#7
Phenol-d6
Concen: 27.616 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 435302

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.8	23.6
71	29.9	28.0	42.0

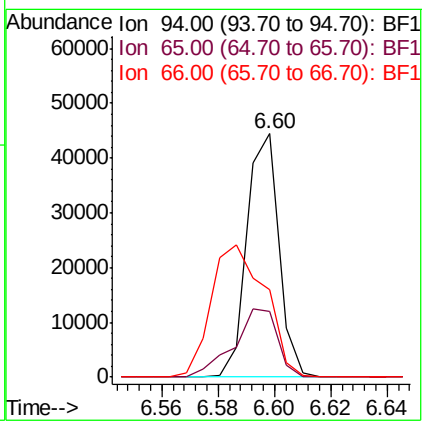


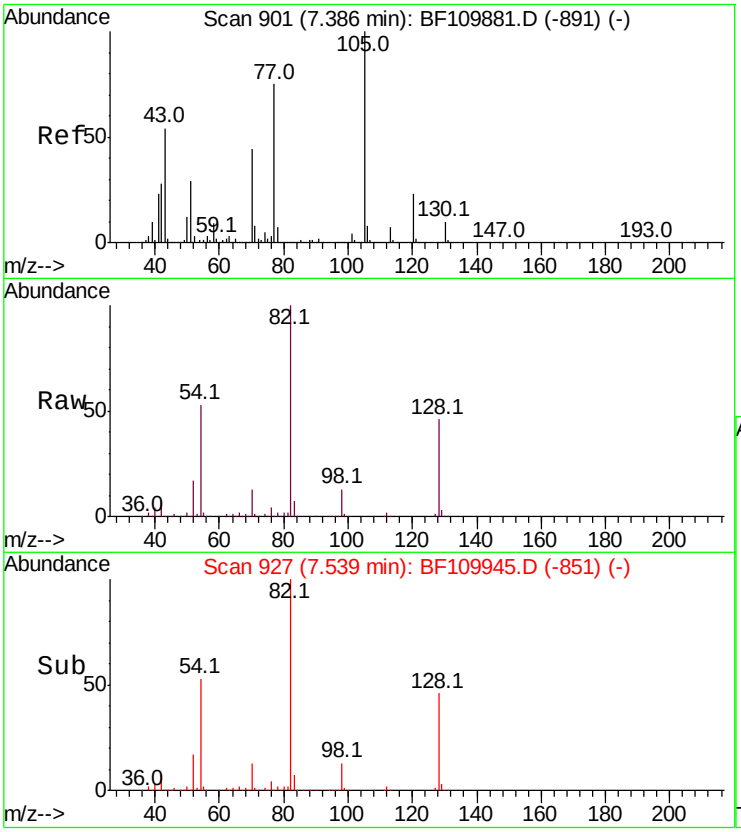


#10
Phenol
Concen: 2.058 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion: 94 Resp: 35016

Ion	Ratio	Lower	Upper
94	100		
65	26.9	25.3	65.3
66	35.8	54.5	94.5#



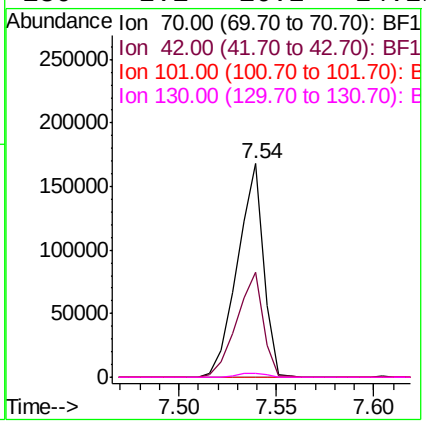


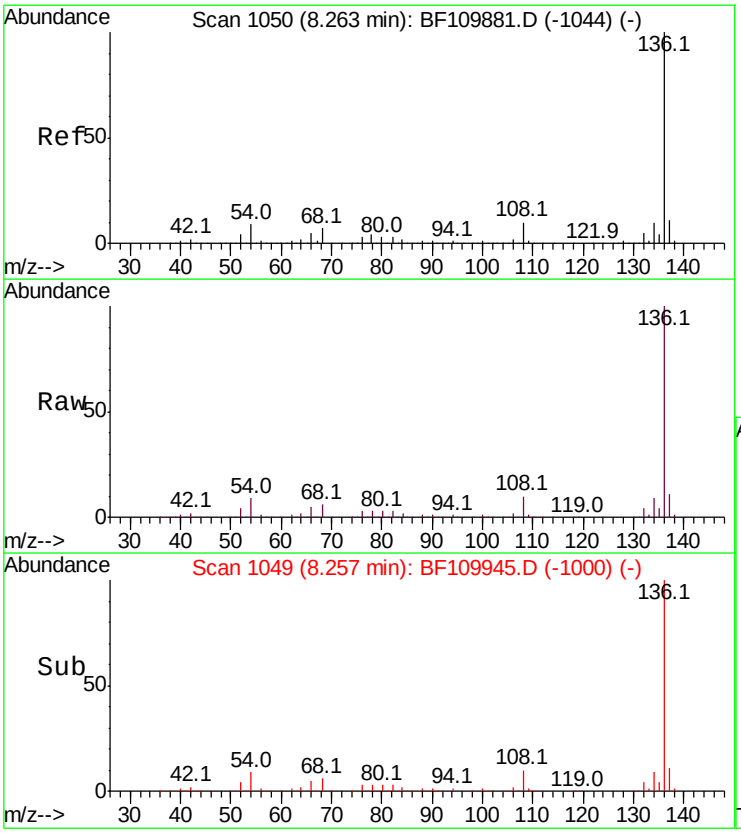
#19
n-Nitroso-di-n-propylamine
Concen: 15.426 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 156126

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

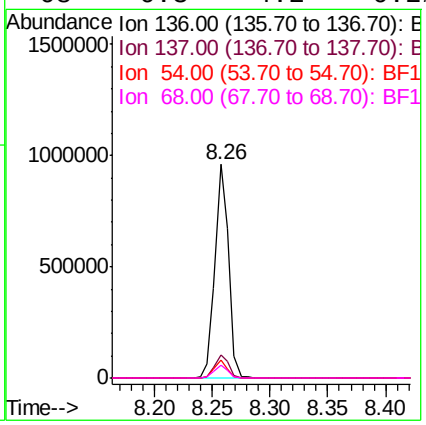


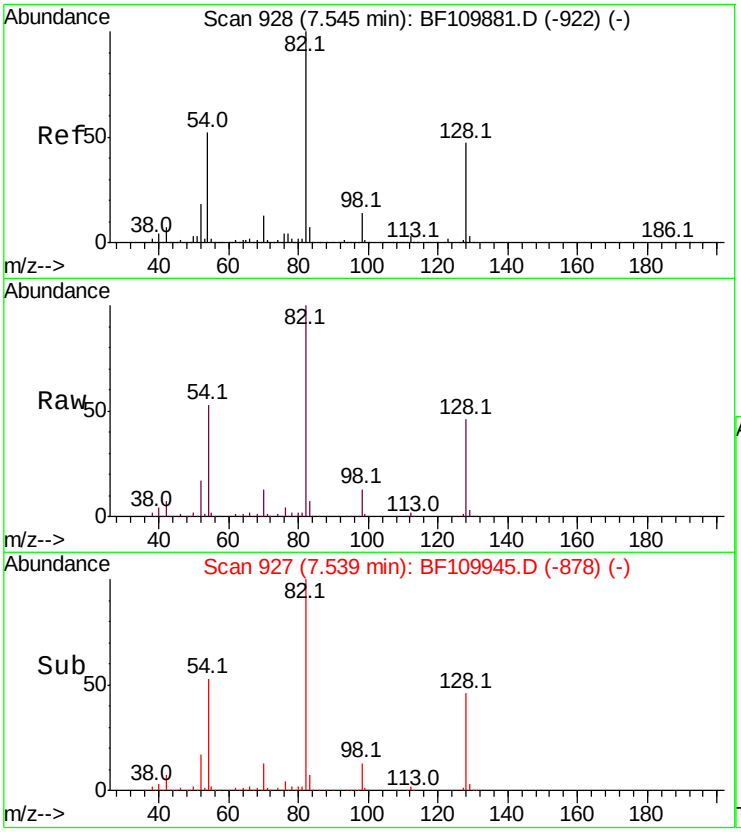


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:136 Resp: 786157

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.6	5.4	8.2#
68	6.3	4.2	6.2#



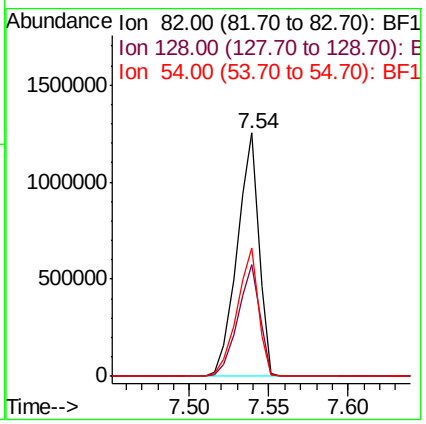


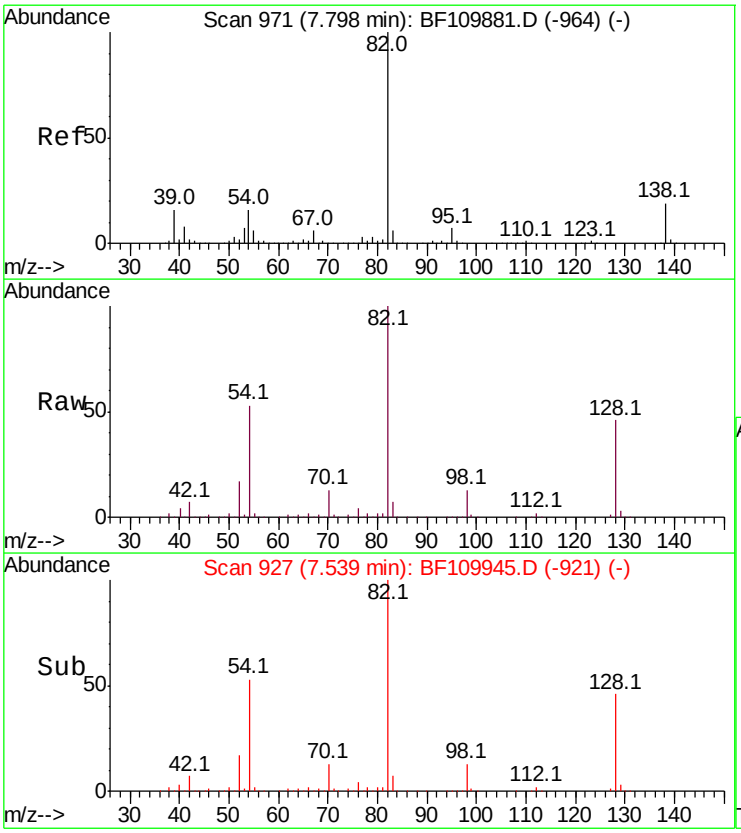
#23
Nitrobenzene-d5
Concen: 101.455 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1184006

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	52.6	38.6	58.0

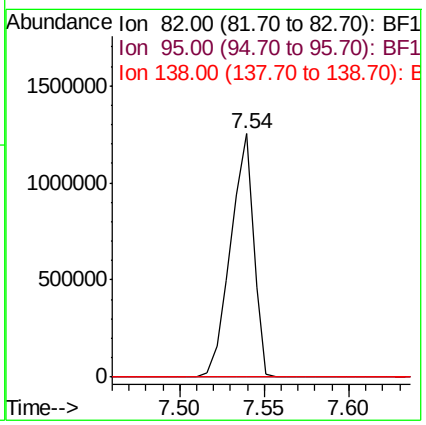


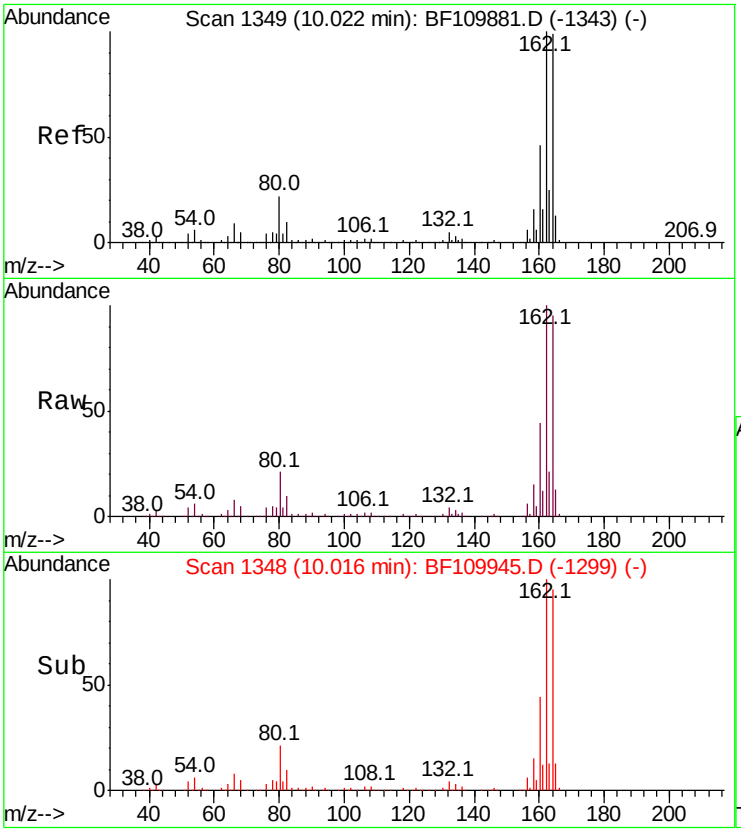


#25
Isophorone
Concen: 51.633 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion: 82 Resp: 1183992

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



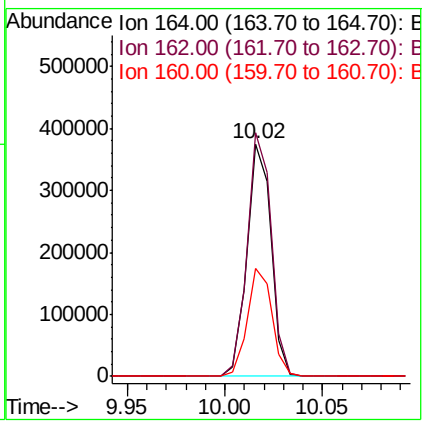


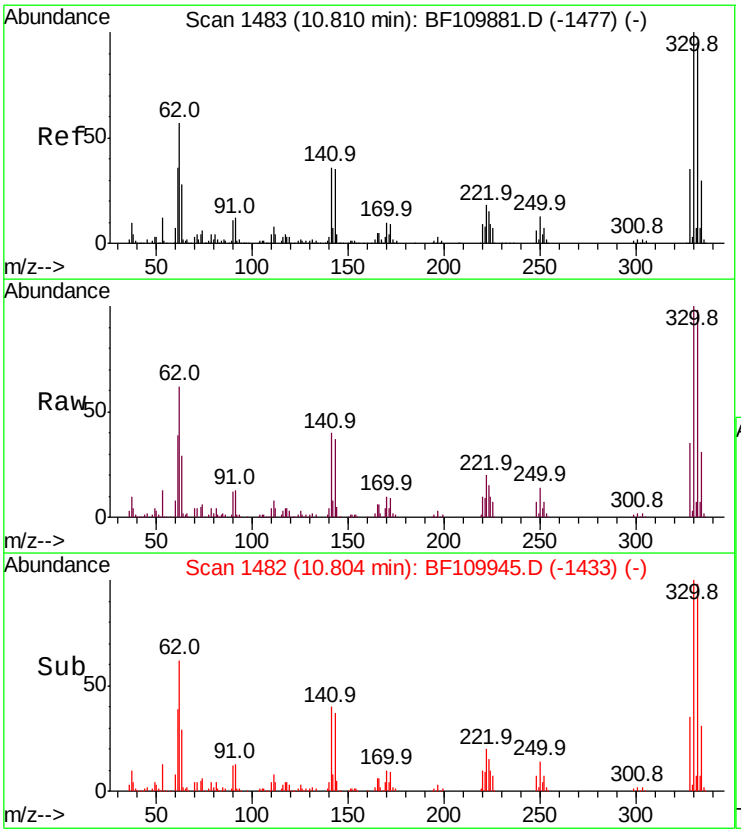
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 320233

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	46.3	37.0	55.6

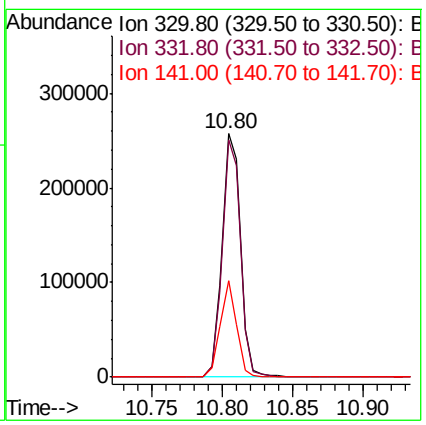


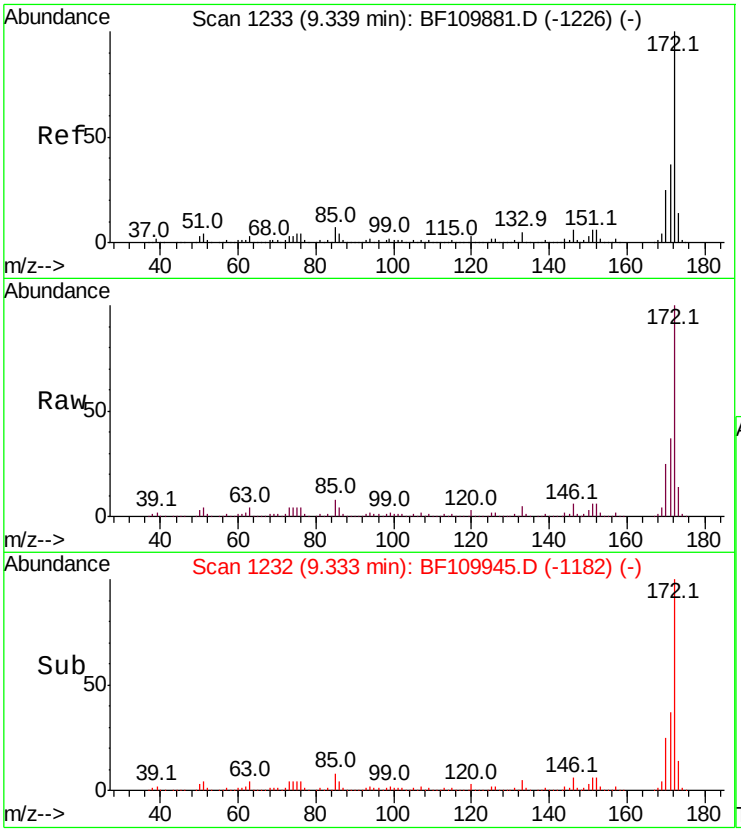


#42
2,4,6-Tribromophenol
Concen: 84.715 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:330 Resp: 234873

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	35.1	27.0	40.4



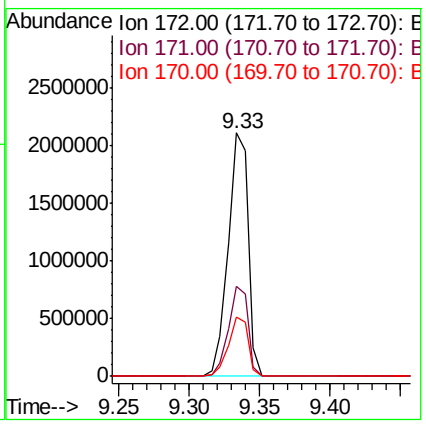


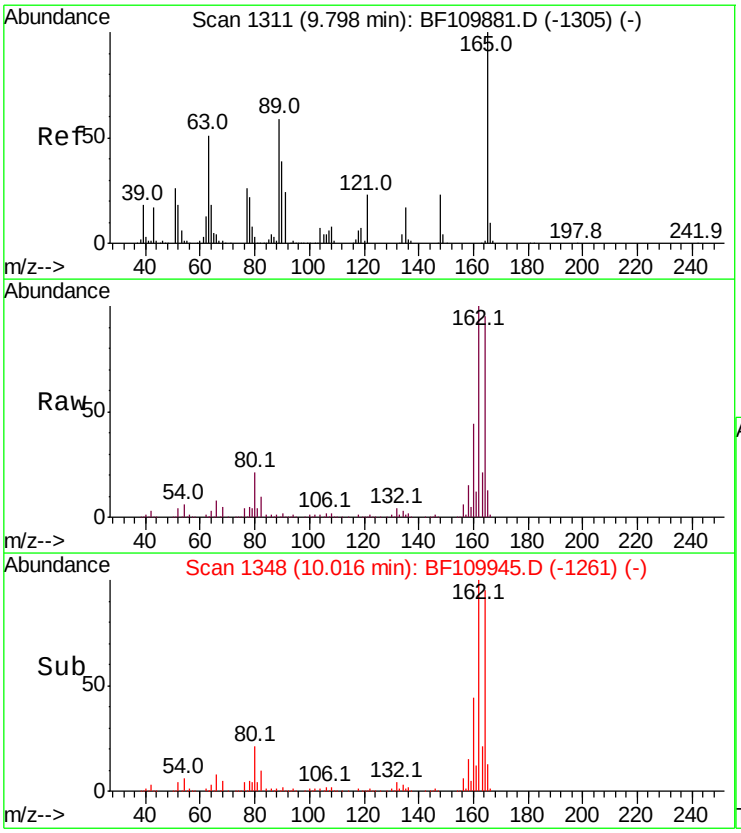
#45
2-Fluorobiphenyl
Concen: 103.569 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2078525

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.6	19.7	29.5

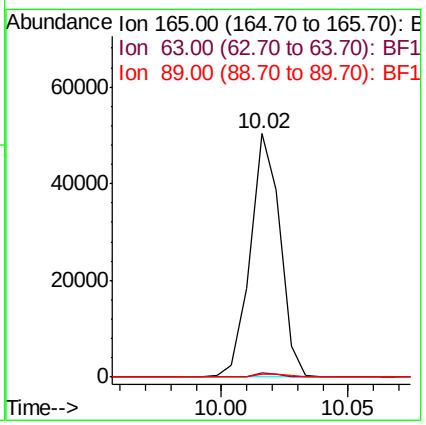


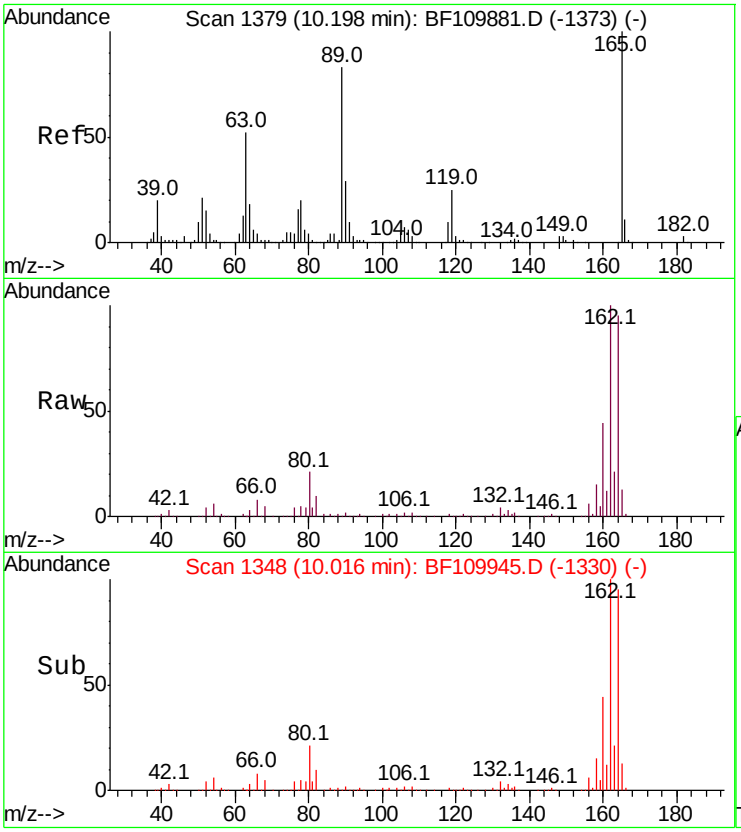


#51
2,6-Dinitrotoluene
Concen: 9.600 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:165 Resp: 41346

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.1	46.6	69.8#



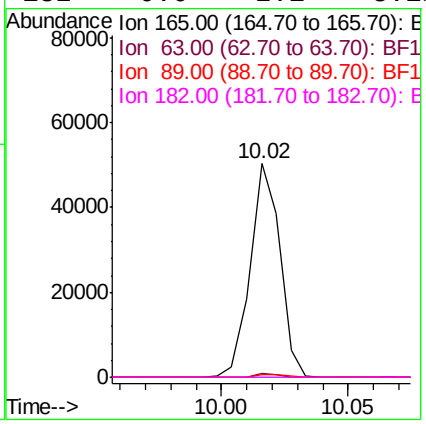


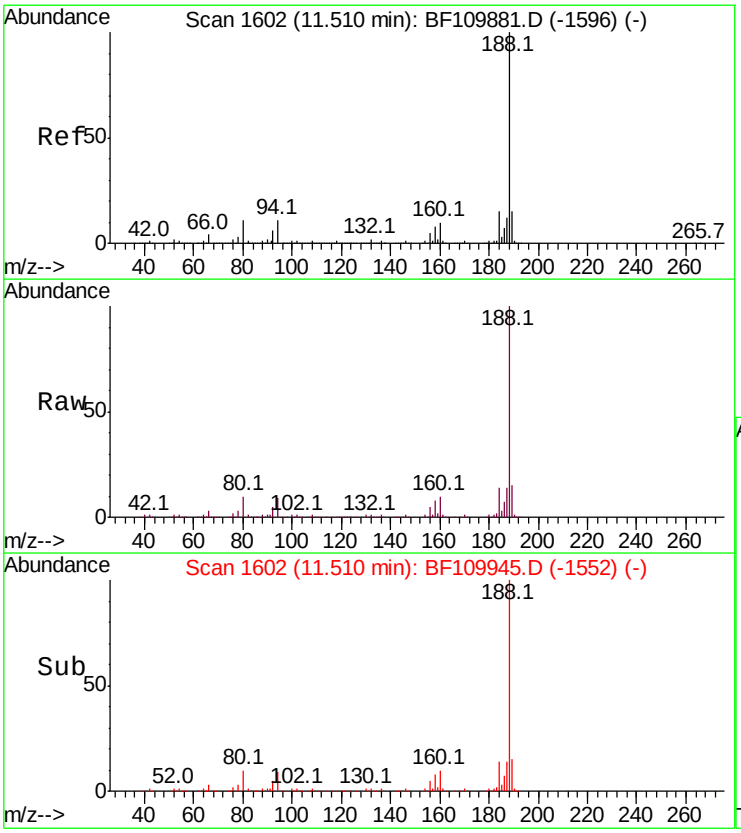
#57
2,4-Dinitrotoluene
Concen: 11.457 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41346

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#

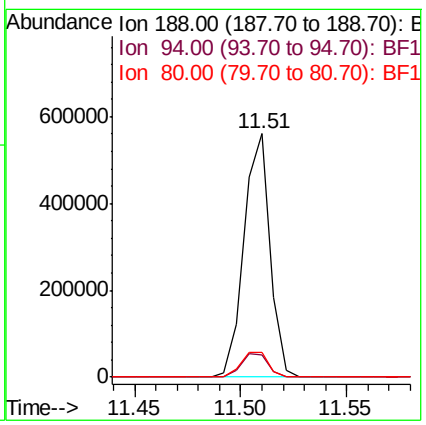


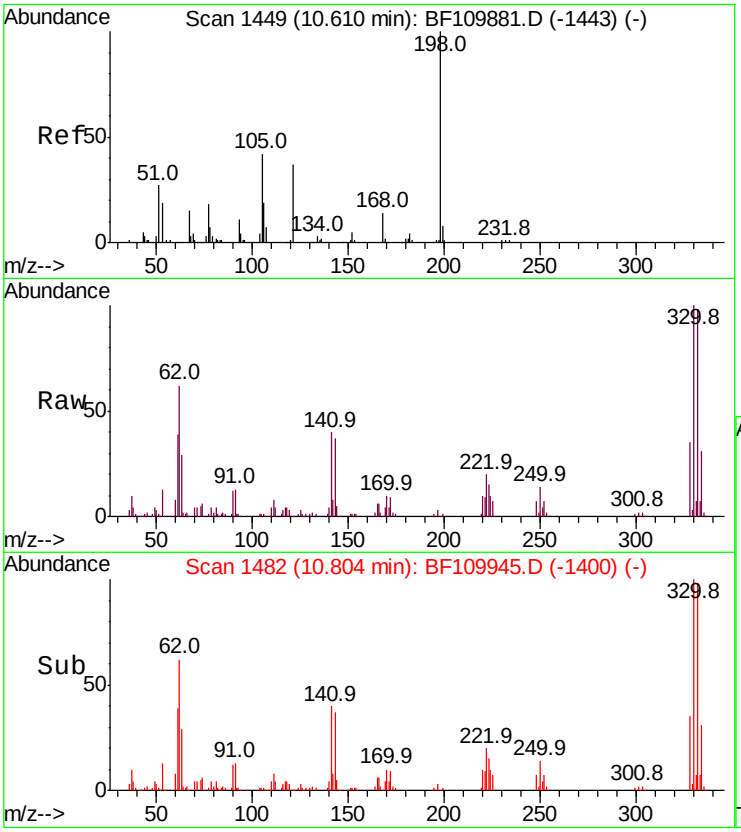


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:188 Resp: 478998

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.9	7.9	11.9



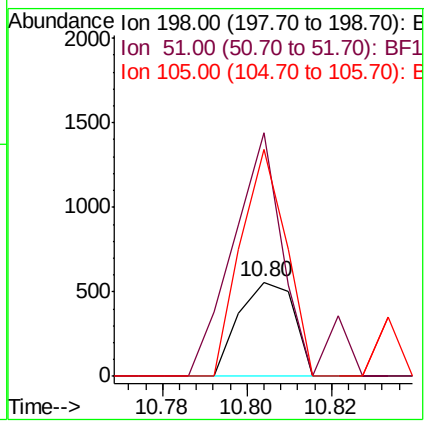


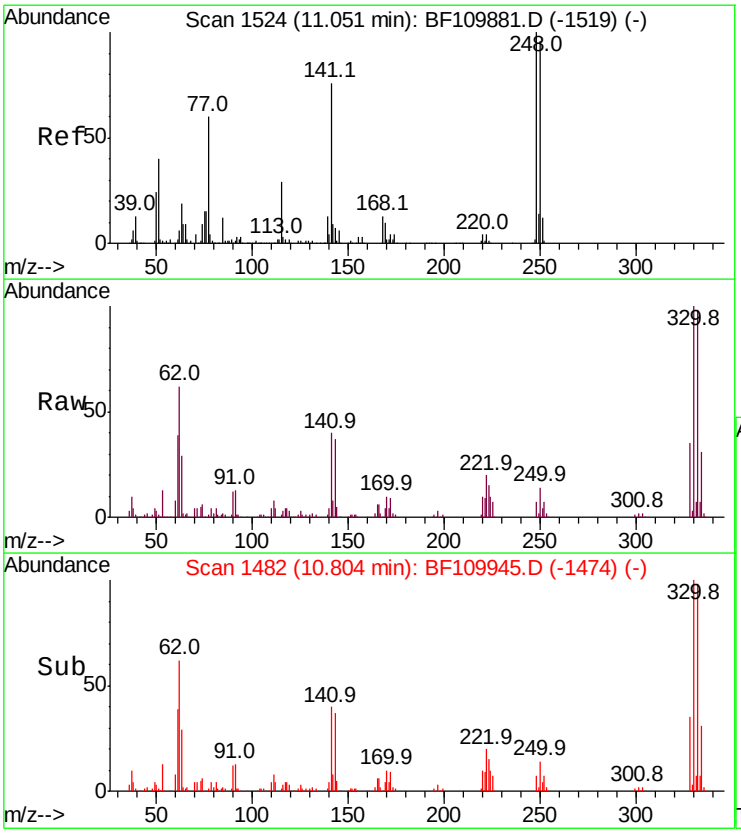
#65
4,6-Dinitro-2-methylphenol
Concen: 8.147 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 504

Ion	Ratio	Lower	Upper
198	100		
51	258.2	22.8	62.8#
105	240.5	23.6	63.6#

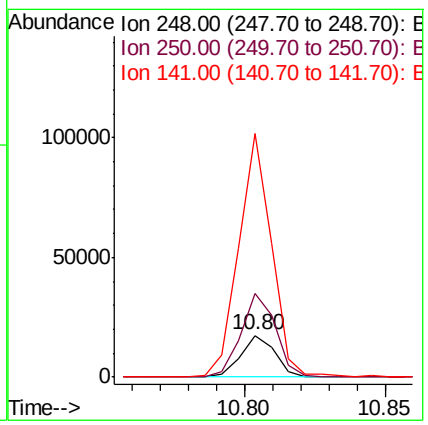


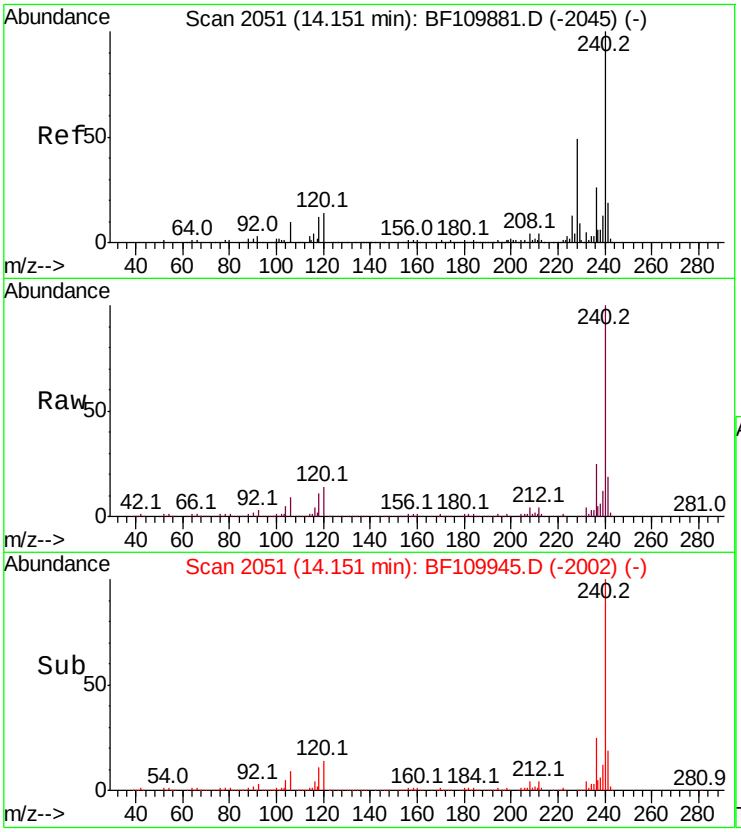


#67
4-Bromophenyl-phenylether
Concen: 2.813 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:248 Resp: 14604

Ion	Ratio	Lower	Upper
248	100		
250	201.3	79.4	119.2#
141	584.2	55.9	83.9#



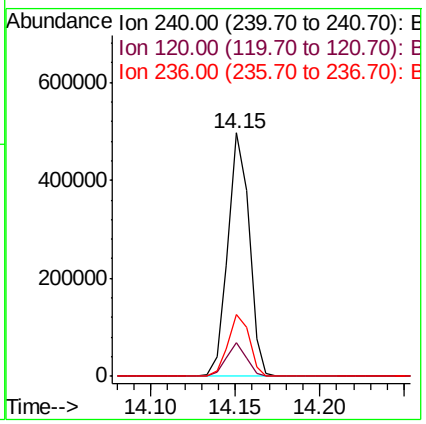


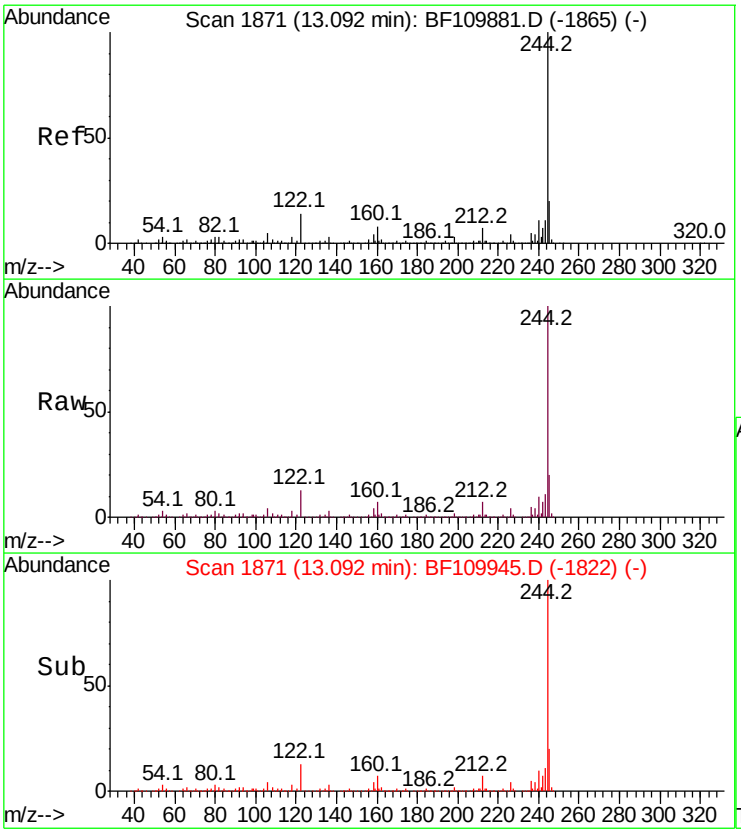
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 435390

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.3	12.5#
236	25.3	21.2	31.8

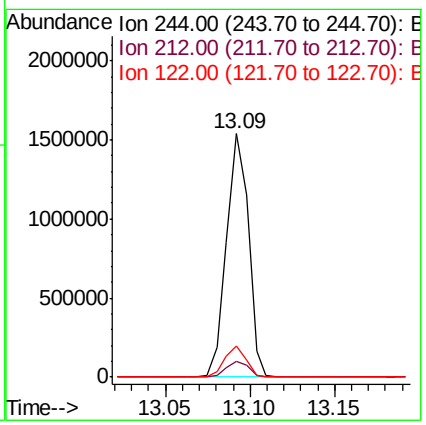


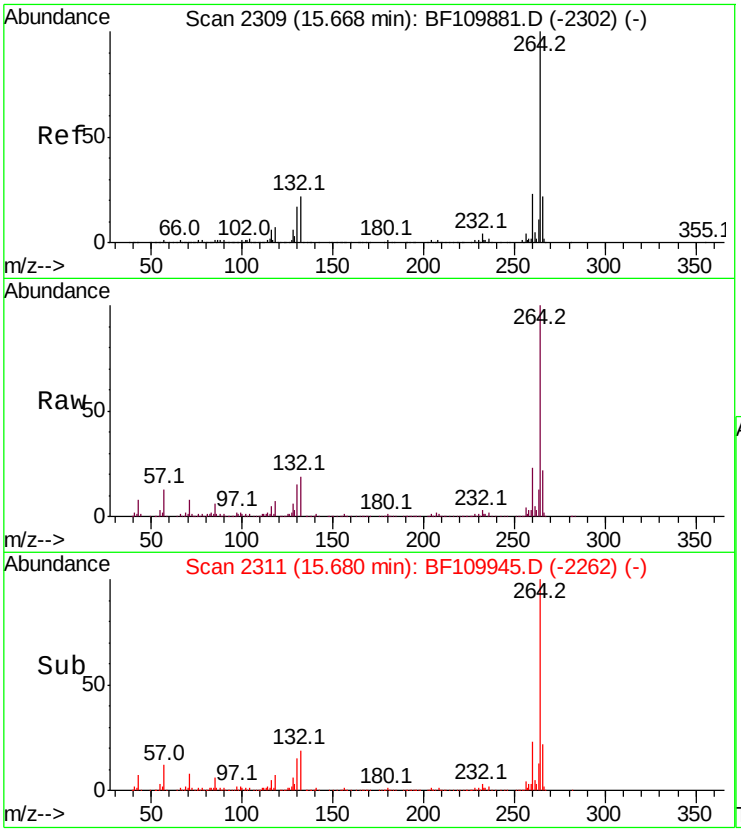


#79
Terphenyl-d14
Concen: 66.679 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:244 Resp: 1382495

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.0	8.7	13.1

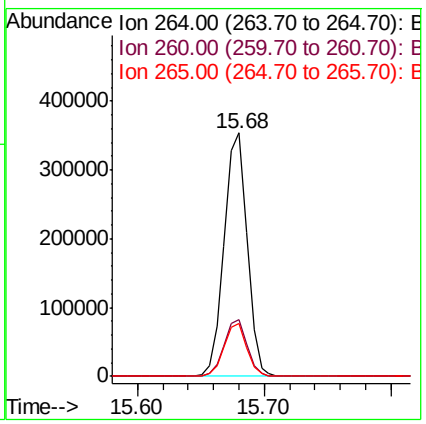




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109945.D
Acq: 18 Oct 2018 2:37

Tgt Ion:264 Resp: 444057

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.6	16.7	25.1



Instrument :
BNA_F
ClientSampleId :