Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109949.D
Acq On : 18 Oct 2018 4:25
Operator : JU/SJ
Sample : J5543-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 10:44:47 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	210421	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	817037	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	338980	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	530863	20.00	ng	0.00
76) Chrysene-d12	14.15	240	506875	20.00	ng	-0.01
87) Perylene-d12	15.68	264	507499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	558601	42.08	ng	0.00
7) Phenol-d6	6.58	99	417481	25.33	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1277620	105.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	262369	89.40	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2157141	101.54	ng	0.00
79) Terphenyl-d14	13.09	244	1525797	63.21	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.60	94	45465	2.555	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	168876	15.956	ng	# 81
25) Isophorone	7.54	82	1277753	53.616	ng	# 67
50) Dimethylphthalate	9.72	163	66213	2.759	ng	99
51) 2,6-Dinitrotoluene	10.02	165	42696	9.365	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	42696	11.289	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	569	8.152	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	16916	2.940	ng	# 1

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

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ClientSampleId :

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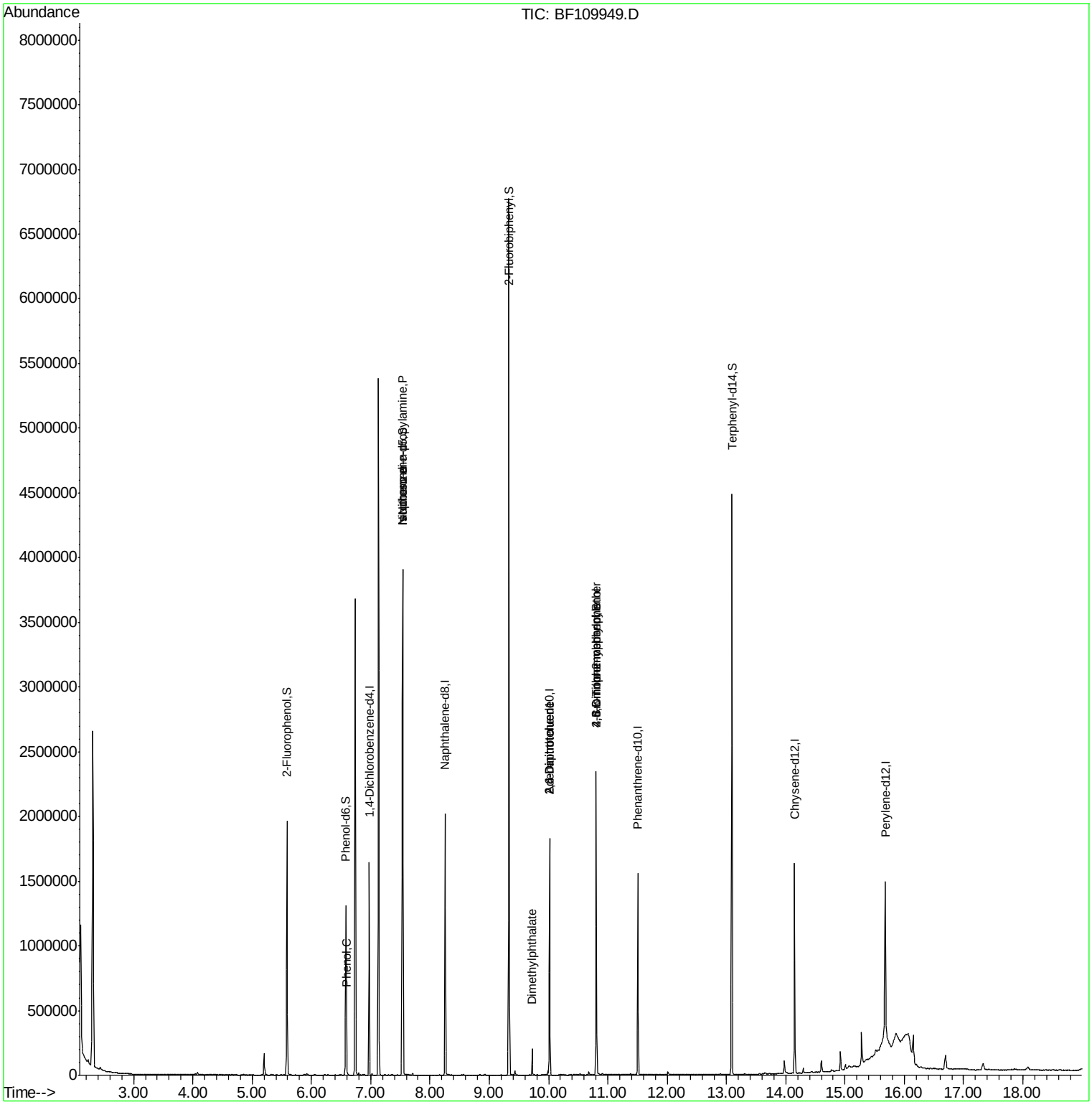
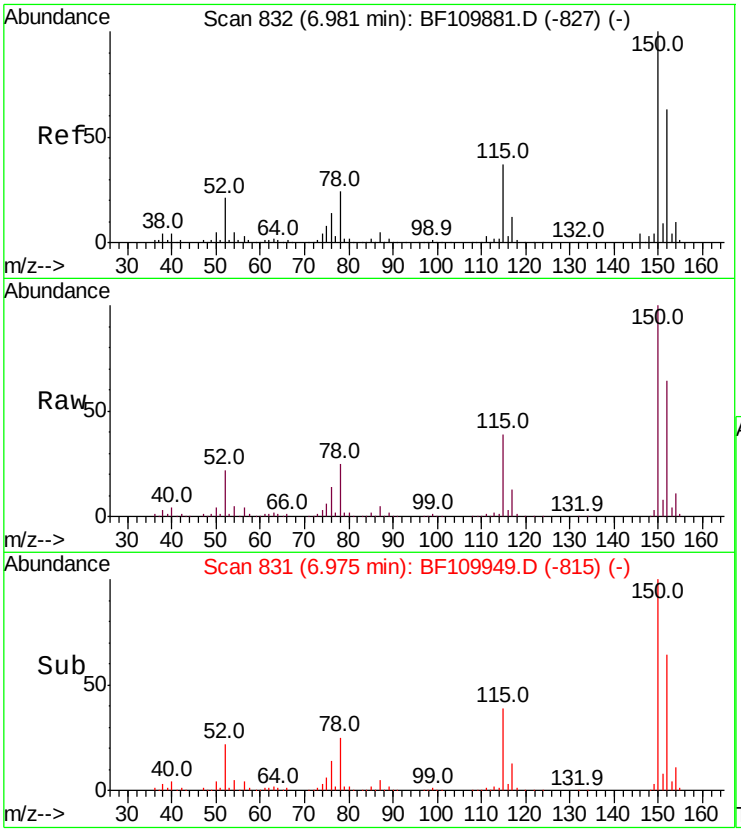
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



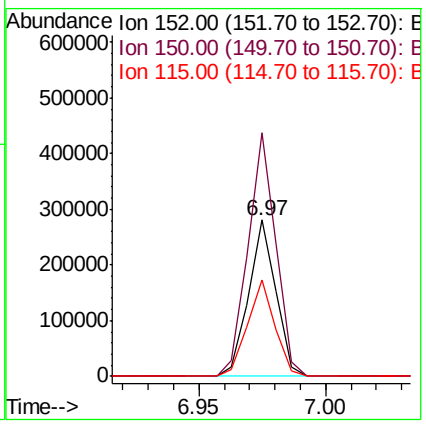


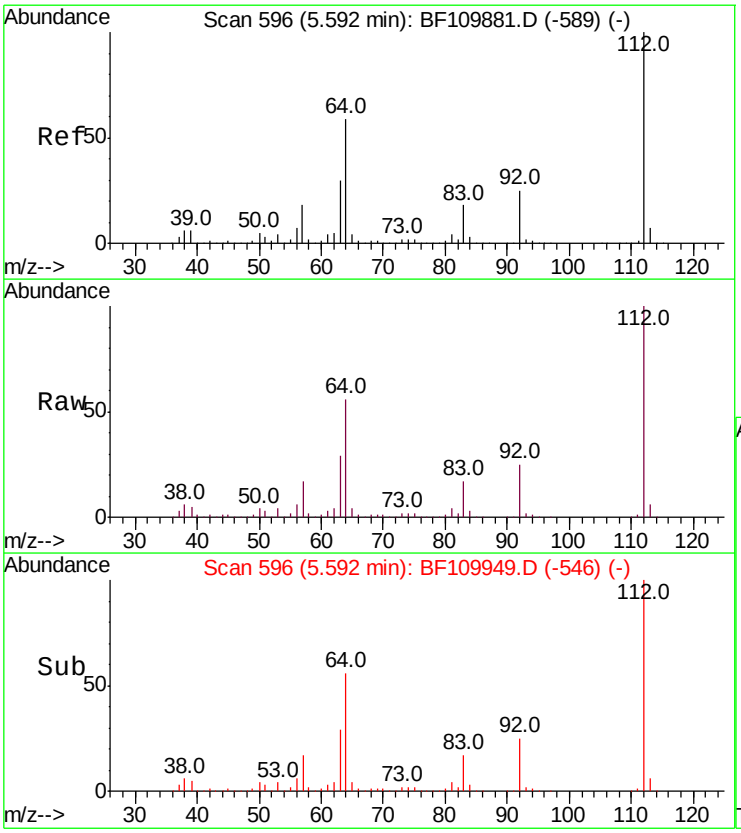
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 210421

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	61.3	49.1	73.7

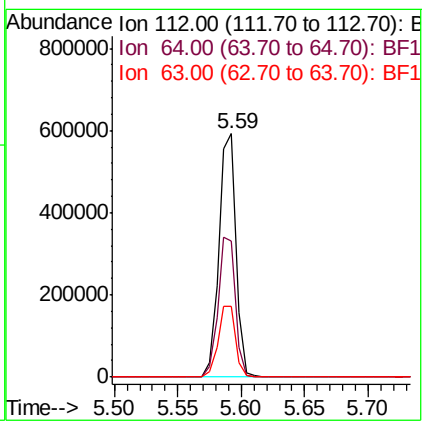


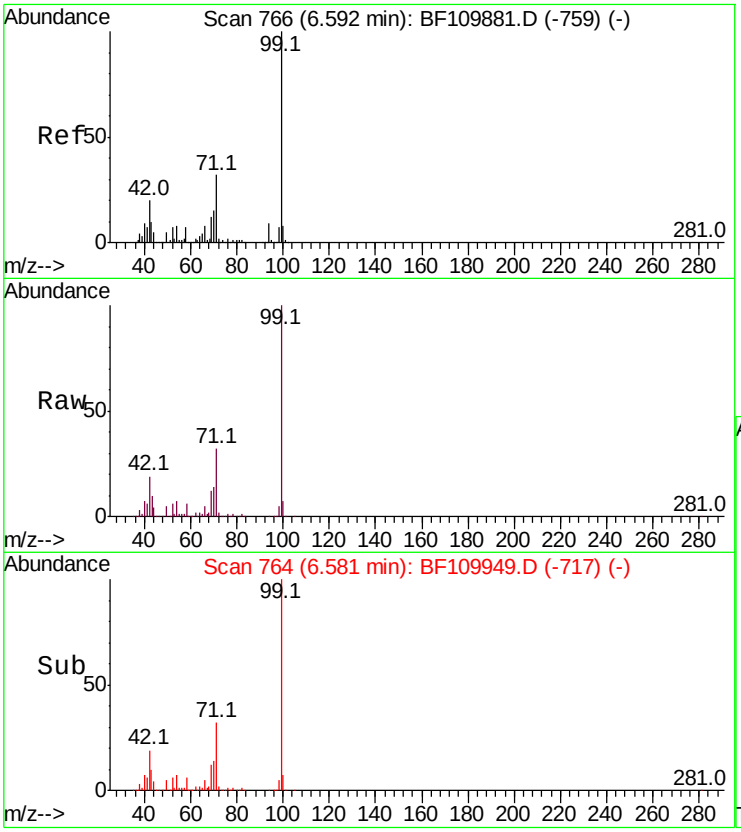


#5
2-Fluorophenol
Concen: 42.080 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:112 Resp: 558601

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.1	66.1
63	28.9	23.7	35.5



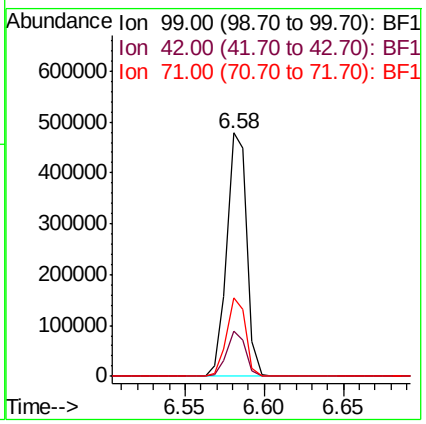


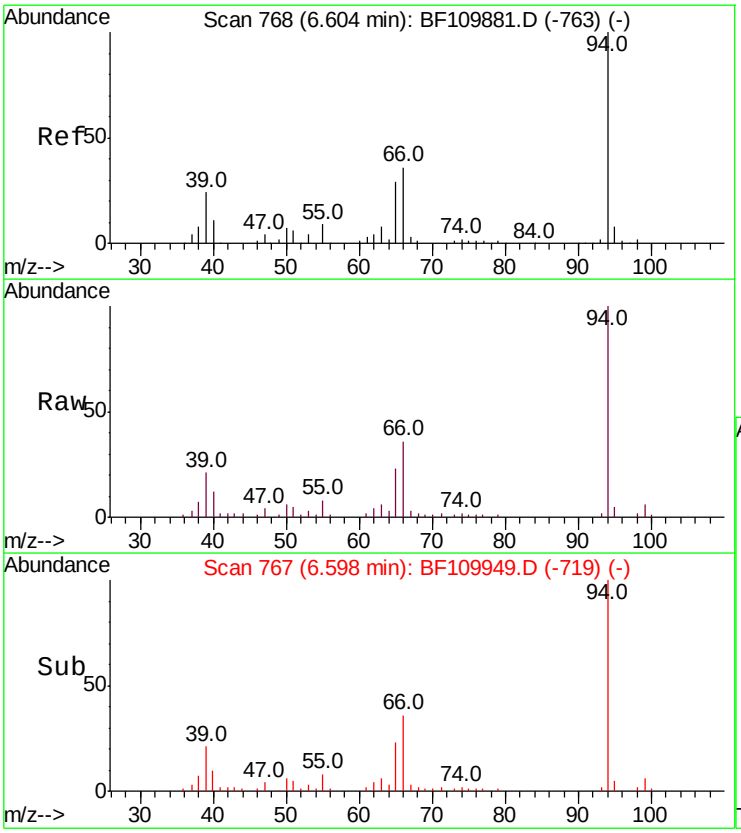
#7
Phenol-d6
Concen: 25.327 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 417481

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	32.3	28.0	42.0

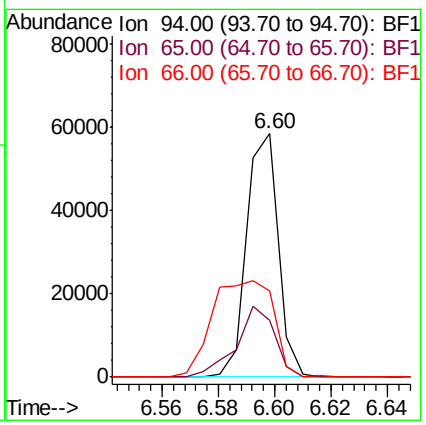


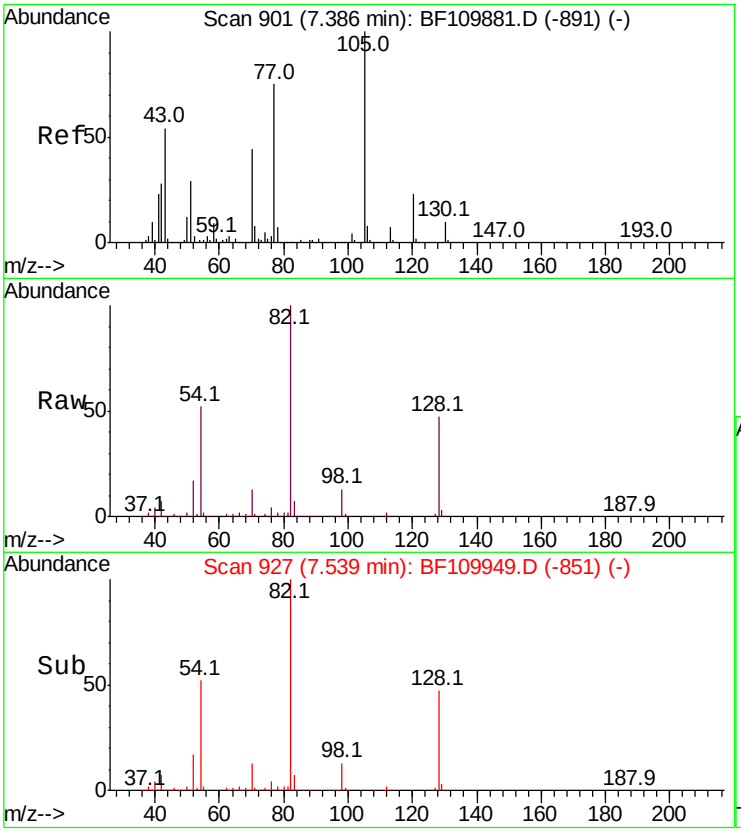


#10
Phenol
Concen: 2.555 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion: 94 Resp: 45465

Ion	Ratio	Lower	Upper
94	100		
65	23.5	25.3	65.3#
66	35.6	54.5	94.5#



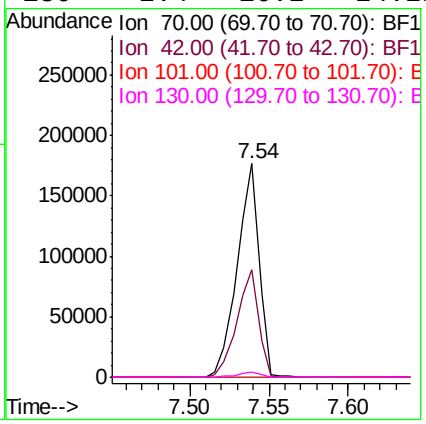


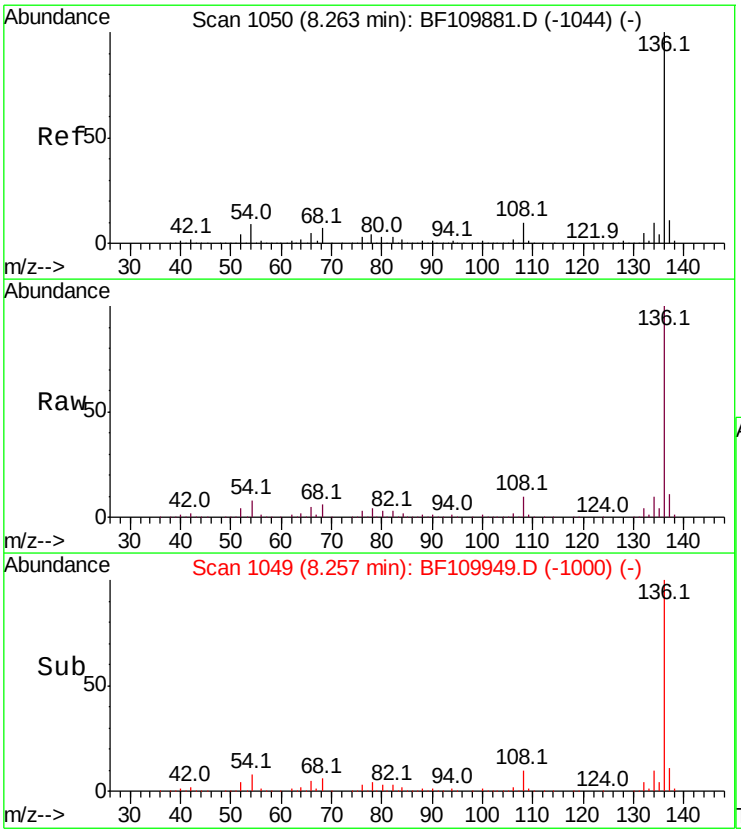
#19
n-Nitroso-di-n-propylamine
Concen: 15.956 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 168876

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

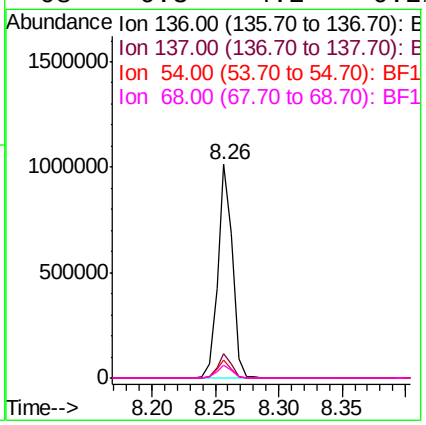


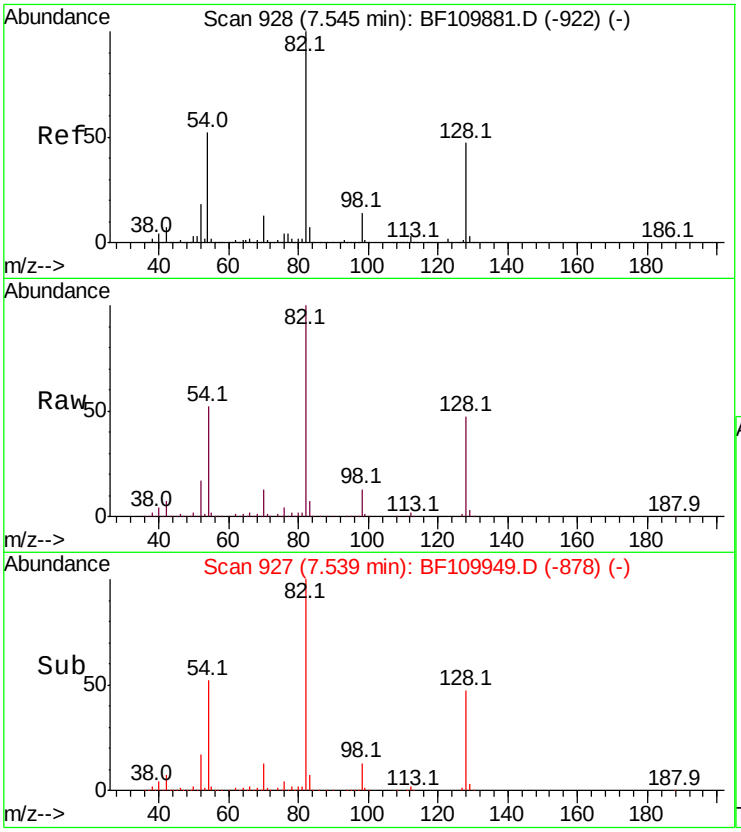


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:136 Resp: 817037

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	5.4	8.2#
68	6.3	4.2	6.2#



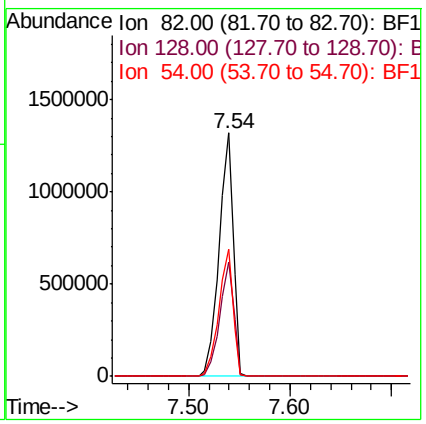


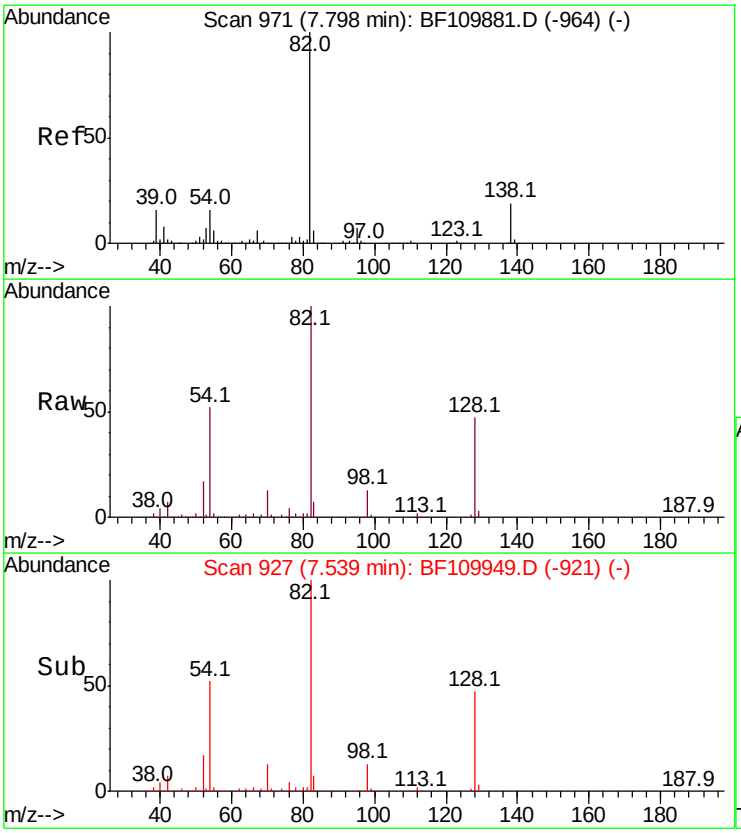
#23
Nitrobenzene-d5
Concen: 105.339 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1277620

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	52.3	38.6	58.0

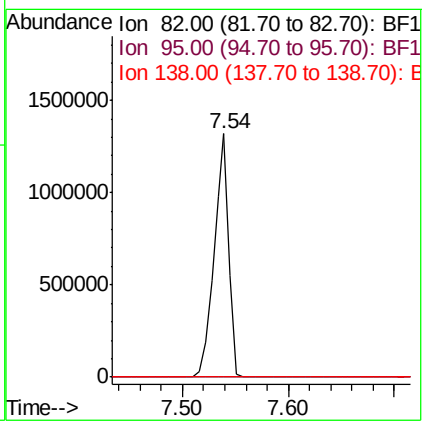


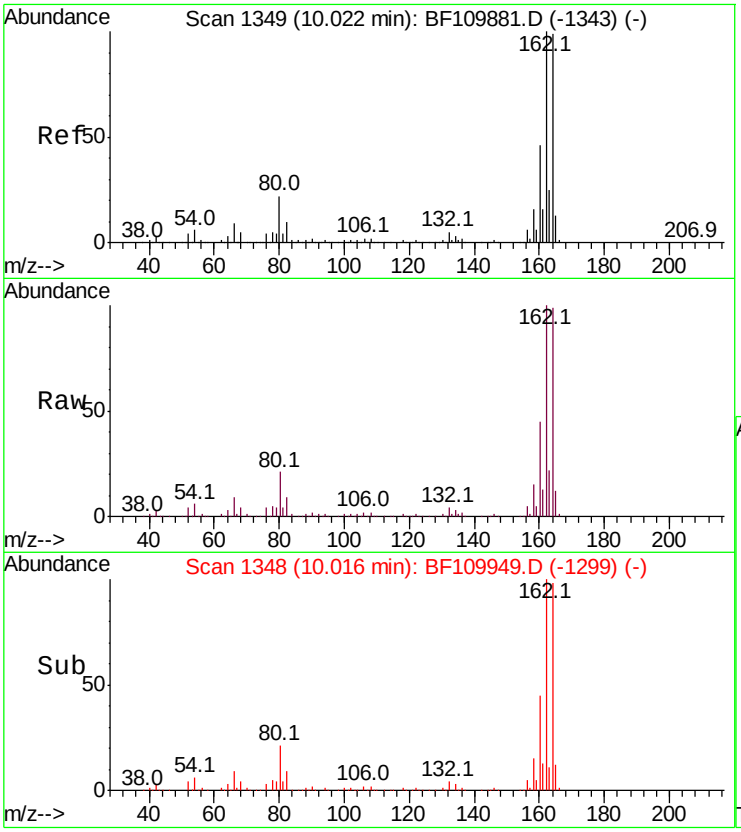


#25
Isophorone
Concen: 53.616 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion: 82 Resp: 1277753

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



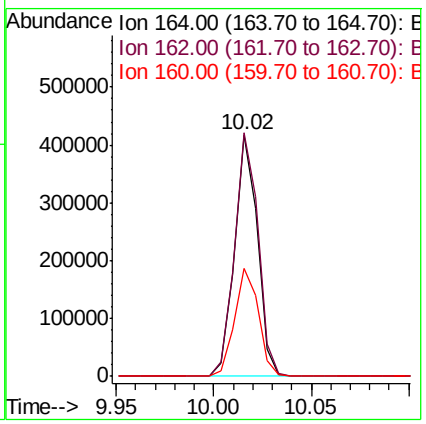


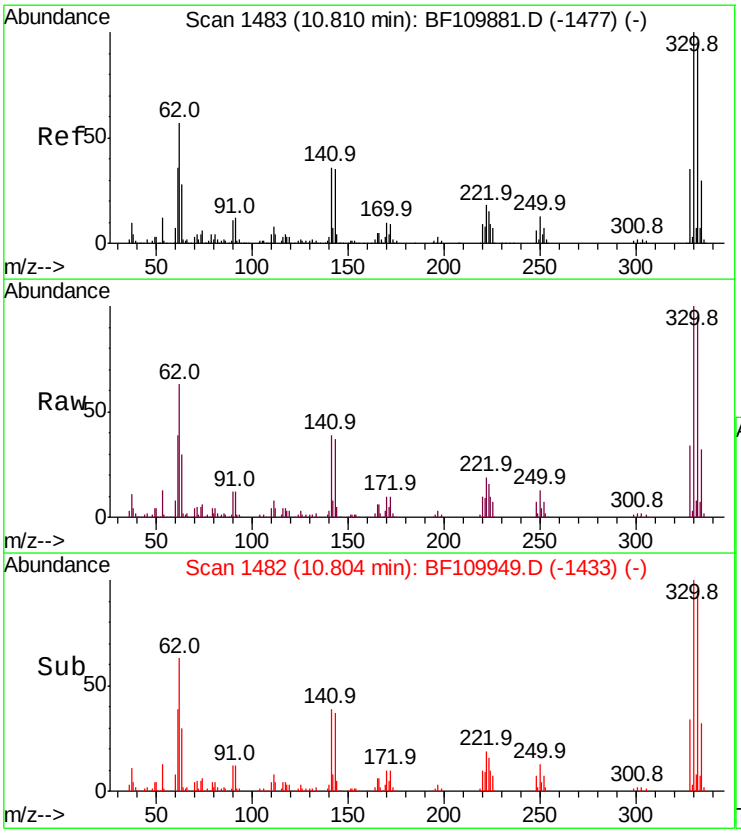
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 338980

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.6
160	45.0	37.0	55.6

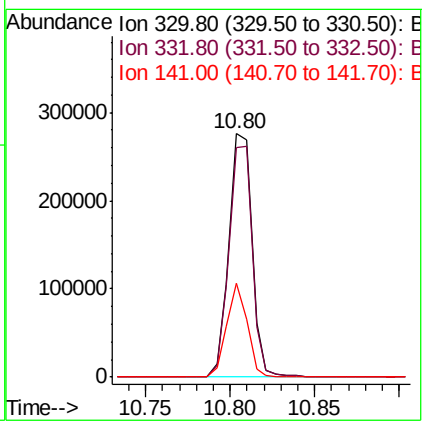


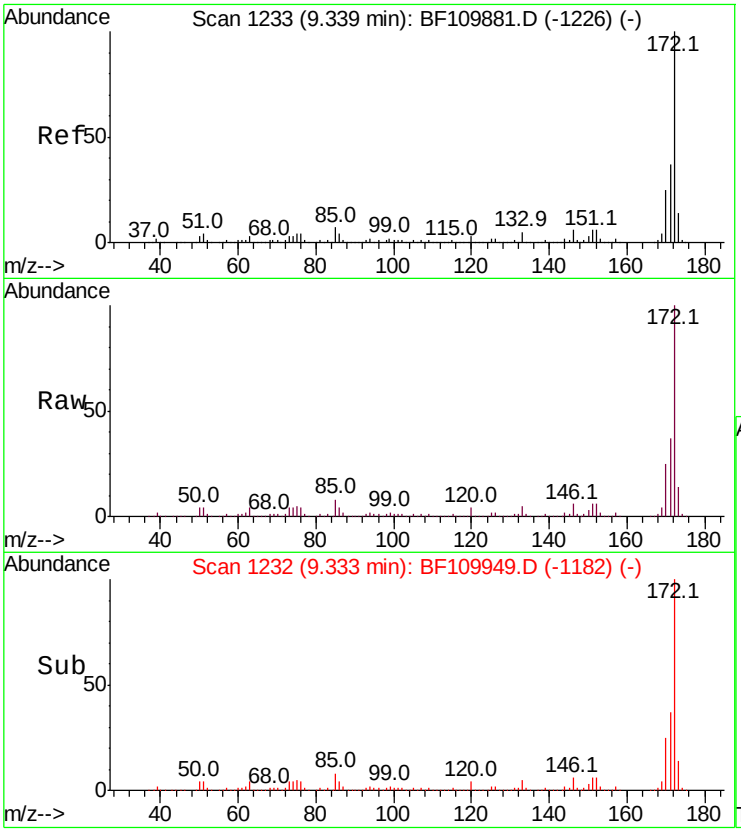


#42
2,4,6-Tribromophenol
Concen: 89.399 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:330 Resp: 262369

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	34.5	27.0	40.4



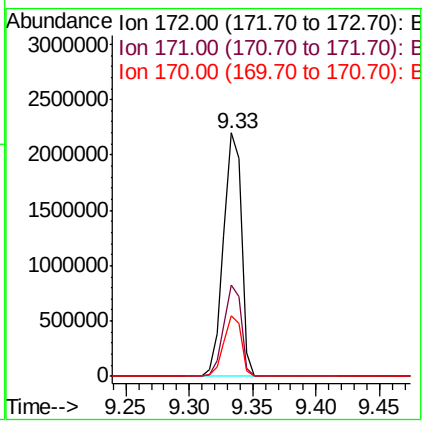


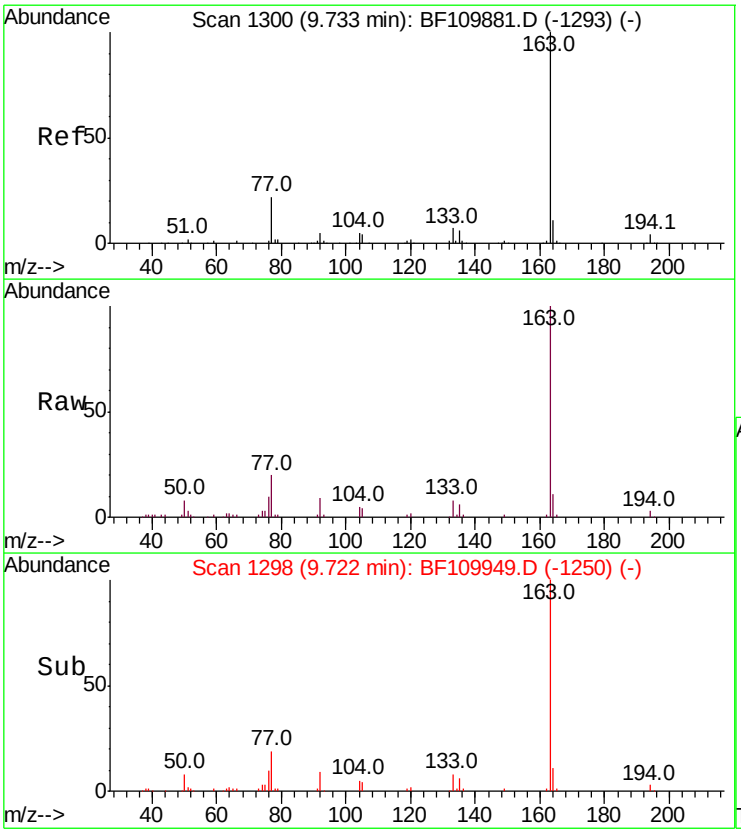
#45
2-Fluorobiphenyl
Concen: 101.541 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2157141

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	25.0	19.7	29.5

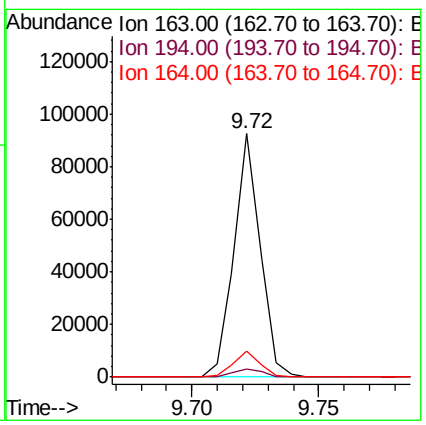


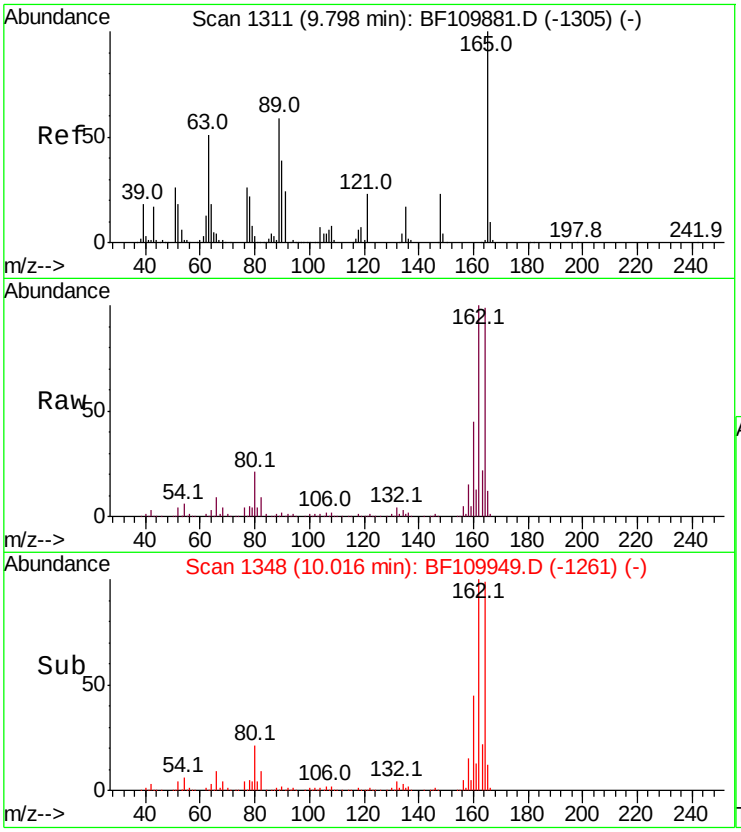


#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:163 Resp: 66213

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.6	8.1	12.1



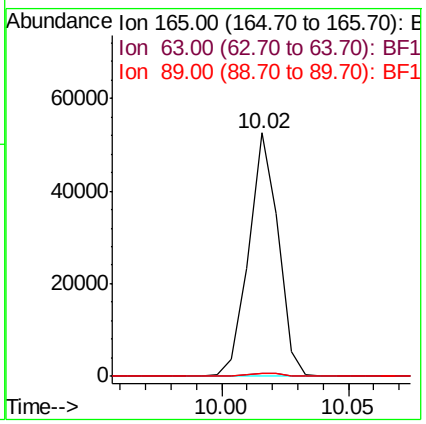


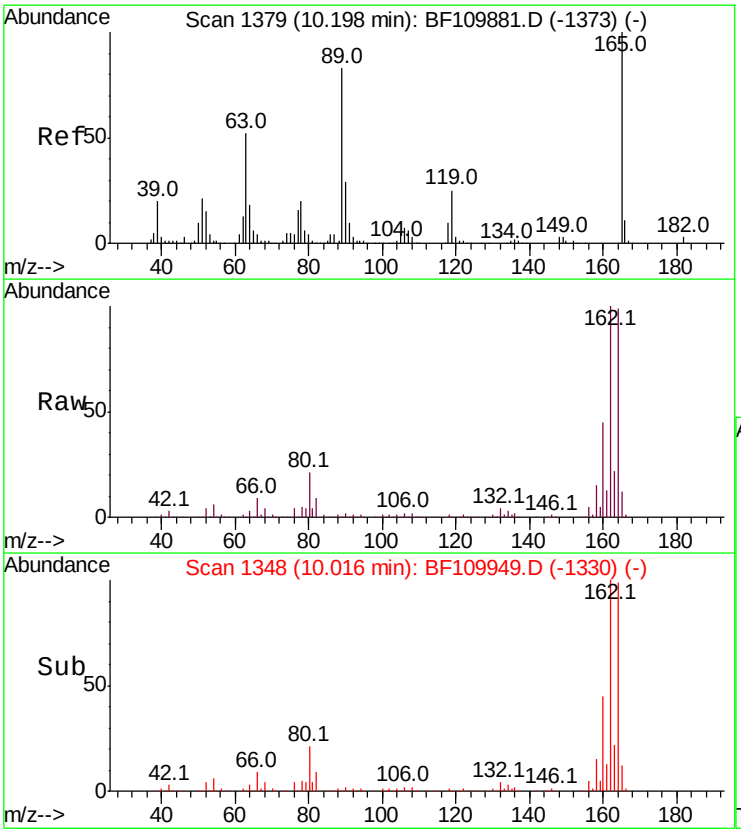
#51
2,6-Dinitrotoluene
Concen: 9.365 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42696

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.2	46.6	69.8#

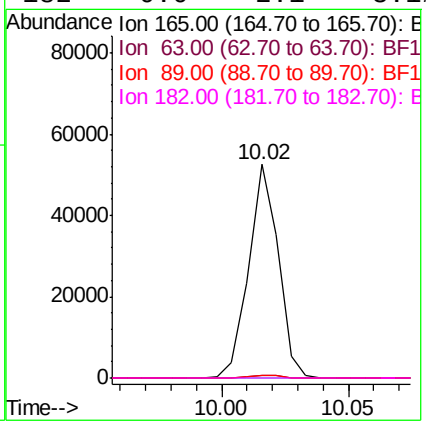


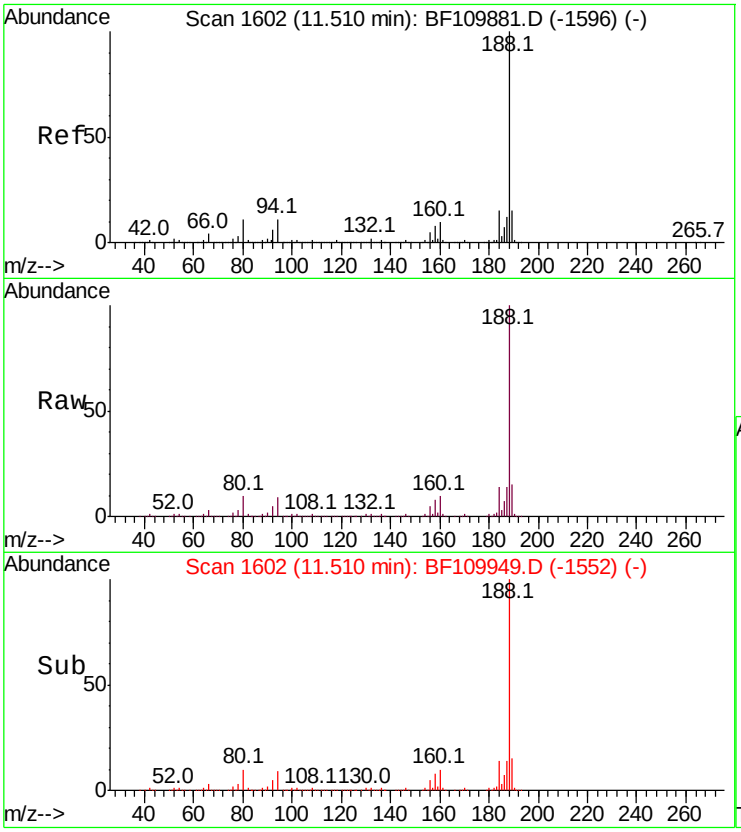


#57
2,4-Dinitrotoluene
Concen: 11.289 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:165 Resp: 42696

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



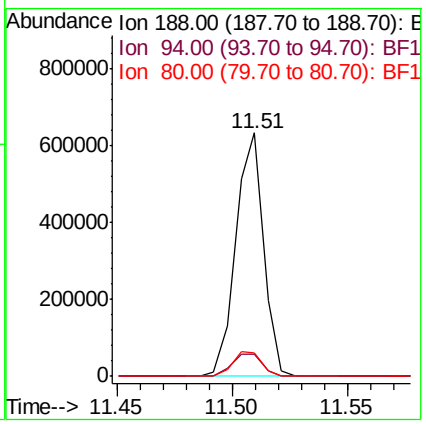


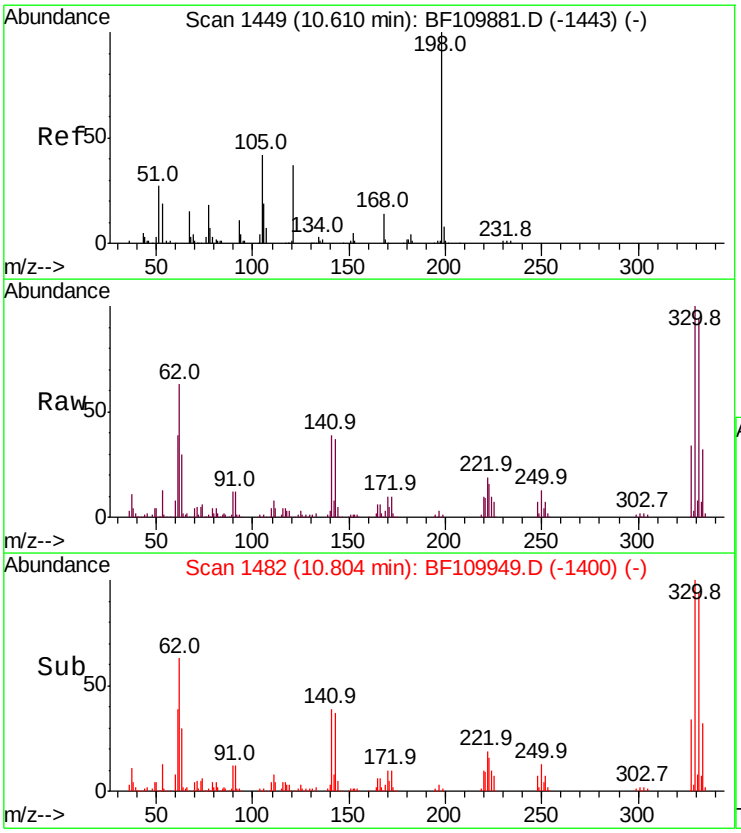
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 530863

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.6	7.9	11.9

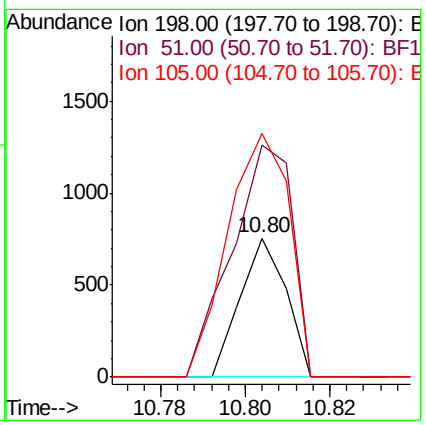


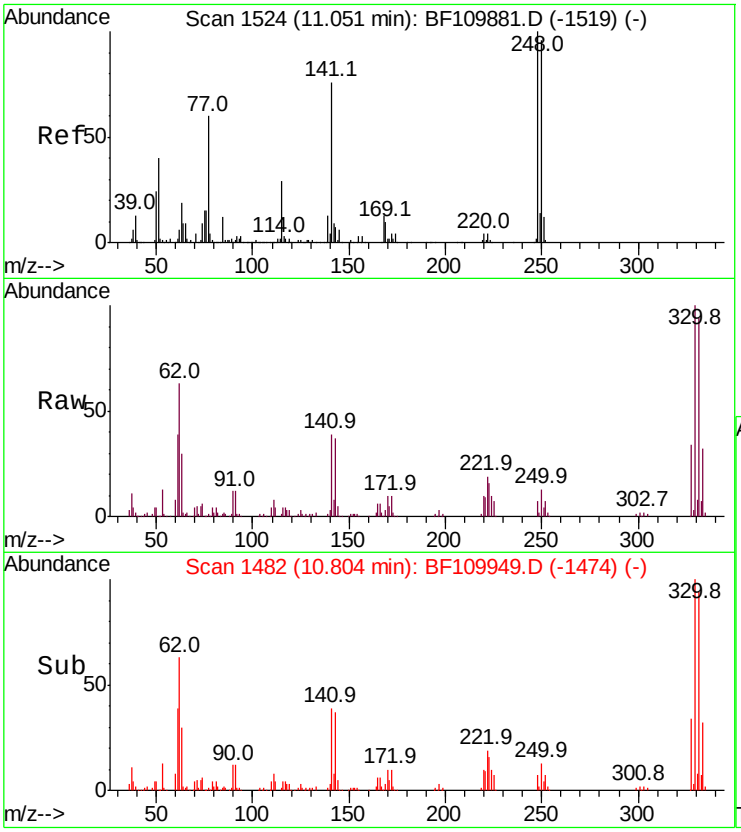


#65
4,6-Dinitro-2-methylphenol
Concen: 8.152 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:198 Resp: 569

Ion	Ratio	Lower	Upper
198	100		
51	167.1	22.8	62.8#
105	175.7	23.6	63.6#



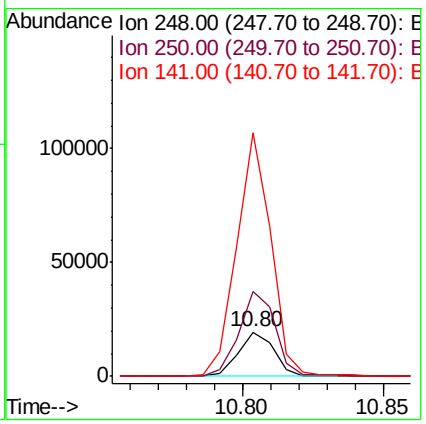


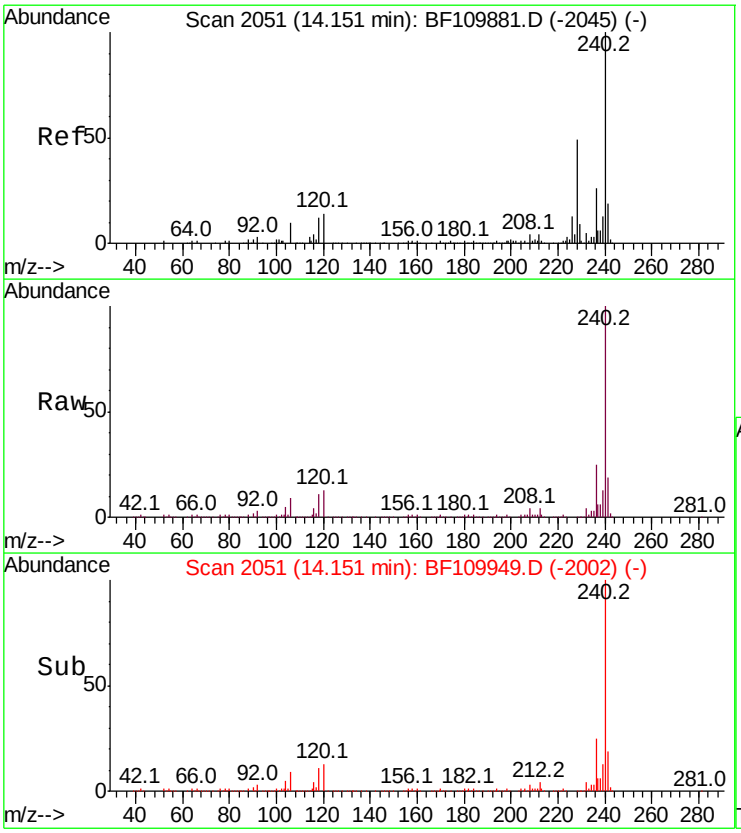
#67
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16916

Ion	Ratio	Lower	Upper
248	100		
250	191.1	79.4	119.2#
141	550.1	55.9	83.9#

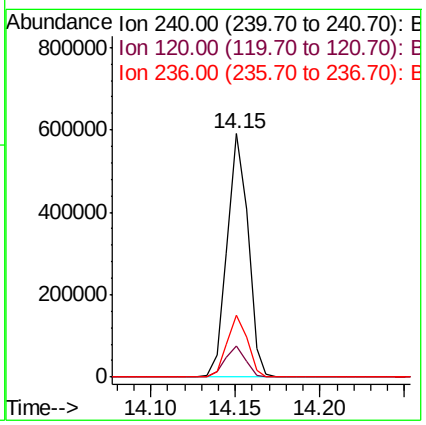


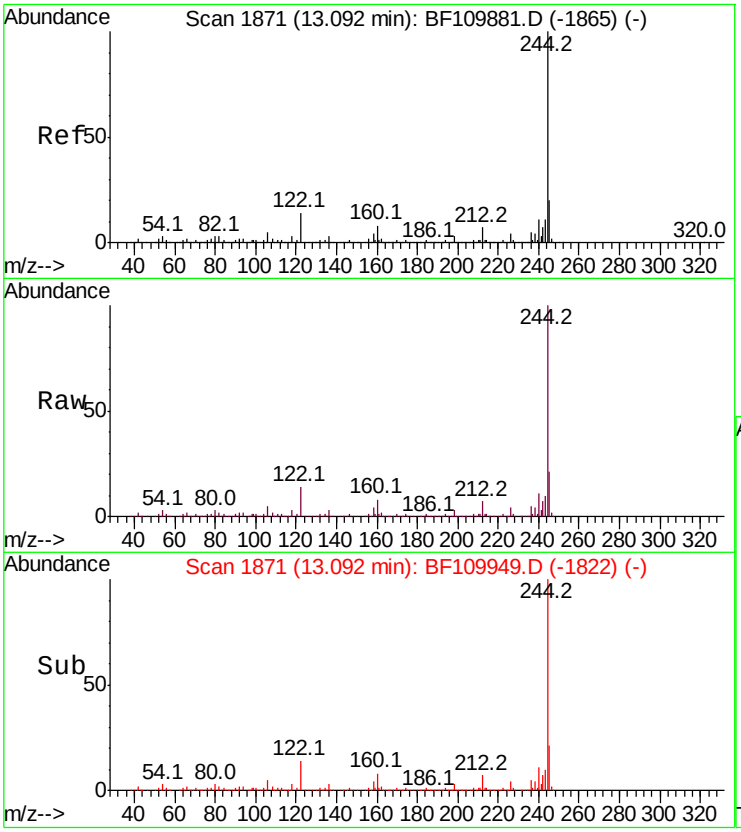


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:240 Resp: 506875

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	25.2	21.2	31.8



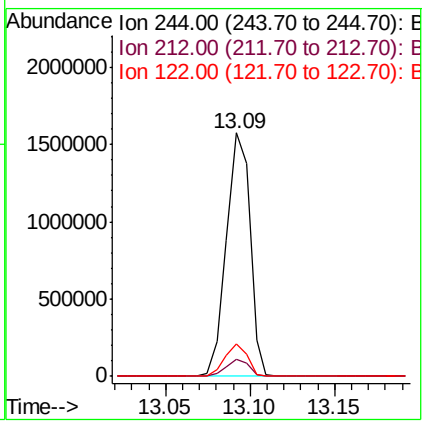


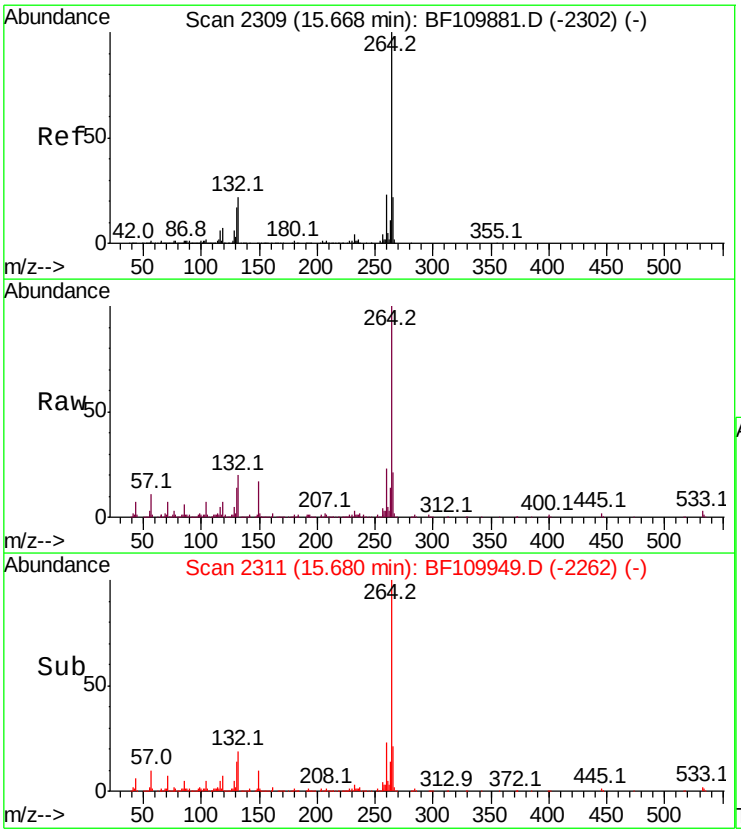
#79
Terphenyl-d14
Concen: 63.212 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1525797

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.6	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: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:264 Resp: 507499

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.5	16.7	25.1