Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109995.D
Acq On : 19 Oct 2018 8:22
Operator : JU/SJ
Sample : J5543-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101618-DBRI-E-D-S

Quant Time: Oct 19 10:32:27 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	156768	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	572257	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	220097	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	377096	20.00	ng		0.00
76) Chrysene-d12	14.16	240	332116	20.00	ng		0.00
87) Perylene-d12	15.68	264	235019	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	427915	43.27	ng		0.00
7) Phenol-d6	6.59	99	311877	25.40	ng		-0.02
23) Nitrobenzene-d5	7.54	82	908910	106.99	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	176377	92.56	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1468735	106.48	ng		0.00
79) Terphenyl-d14	13.10	244	1157447	73.18	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	16558	2.075	ng		80
10) Phenol	6.60	94	39596	2.986	ng	#	65
19) n-Nitroso-di-n-propylamine	7.54	70	120481	15.280	ng	#	81
25) Isophorone	7.54	82	908885	54.451	ng	#	67
51) 2,6-Dinitrotoluene	10.02	165	27810	9.395	ng	#	22
57) 2,4-Dinitrotoluene	10.02	165	27810	11.310	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.81	198	332	8.107	ng	#	1
67) 4-Bromophenyl-phenylether	10.81	248	11452	2.802	ng	#	1

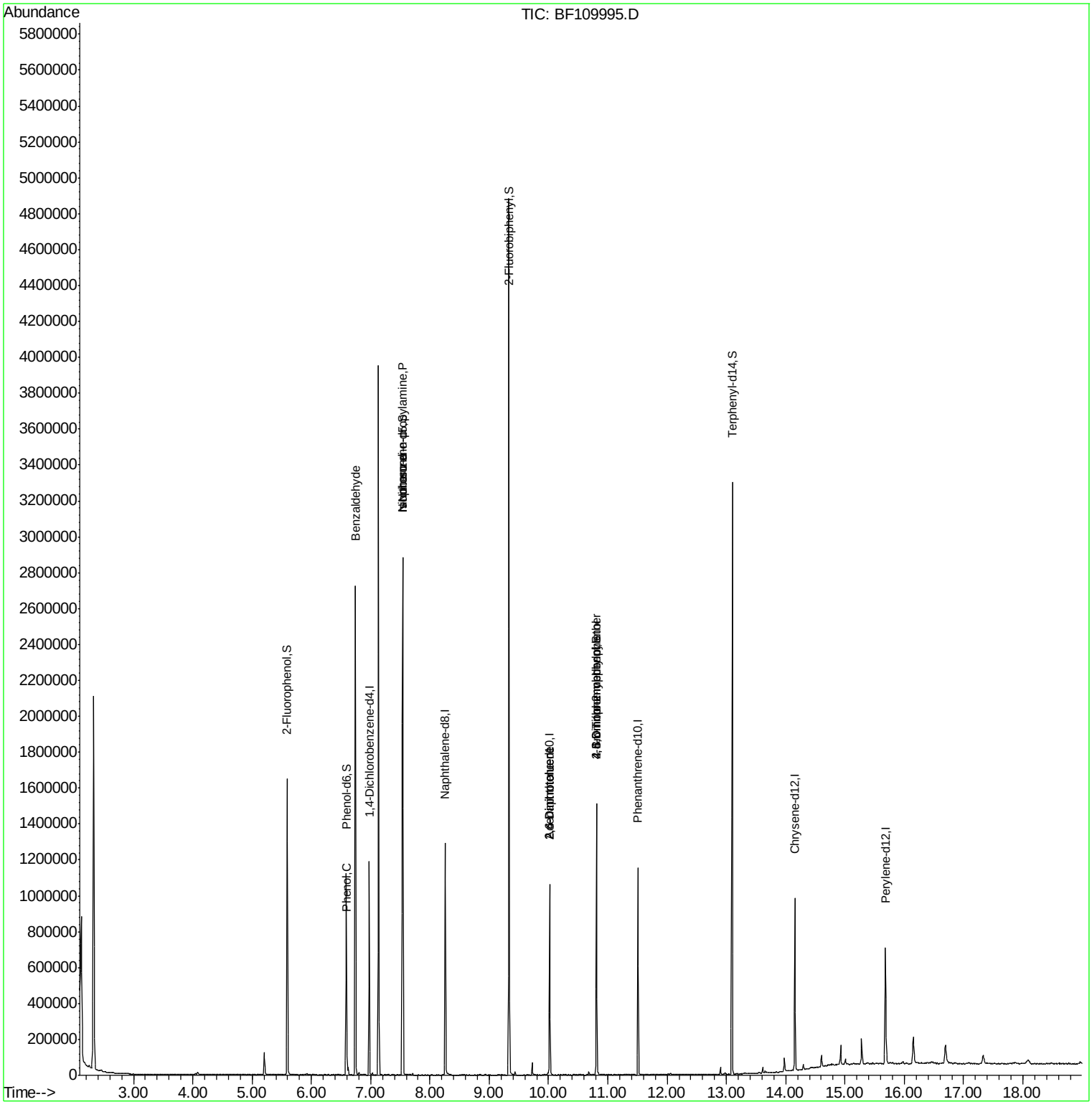
(#) = qualifier out of range (m) = manual integration (+) = signals summed

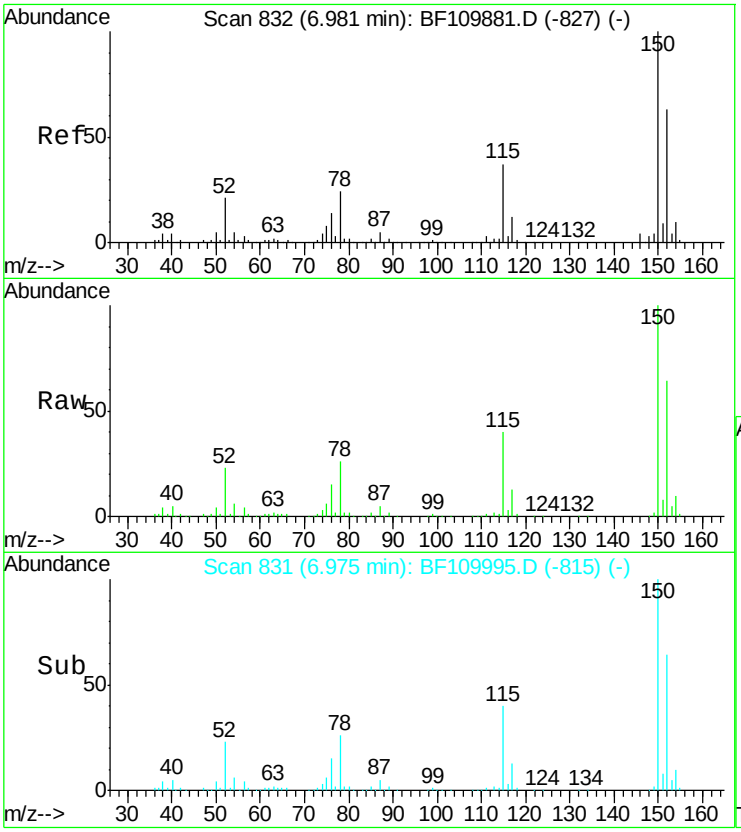
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109995.D
Acq On : 19 Oct 2018 8:22
Operator : JU/SJ
Sample : J5543-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Quant Time: Oct 19 10:32:27 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



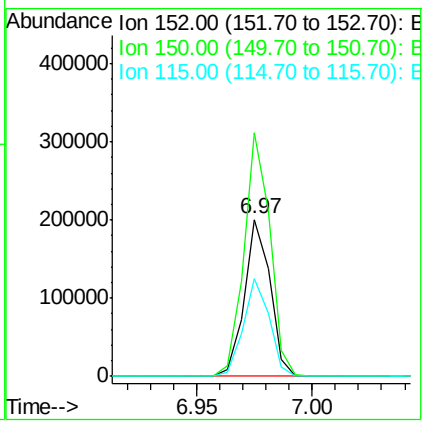


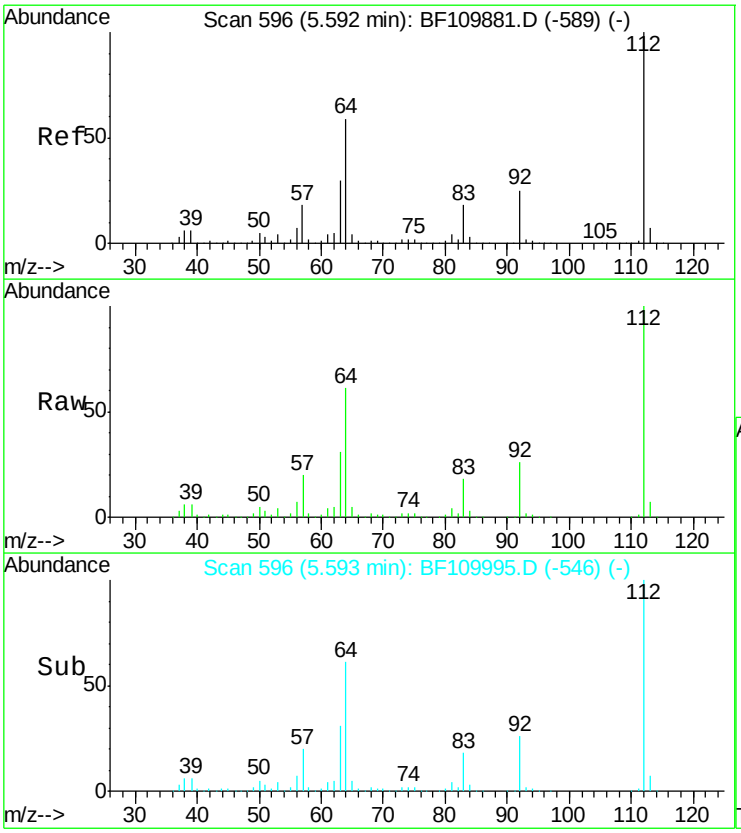
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:152 Resp: 156768

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	62.0	49.1	73.7

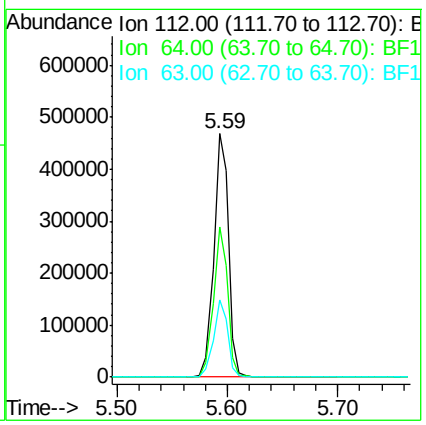


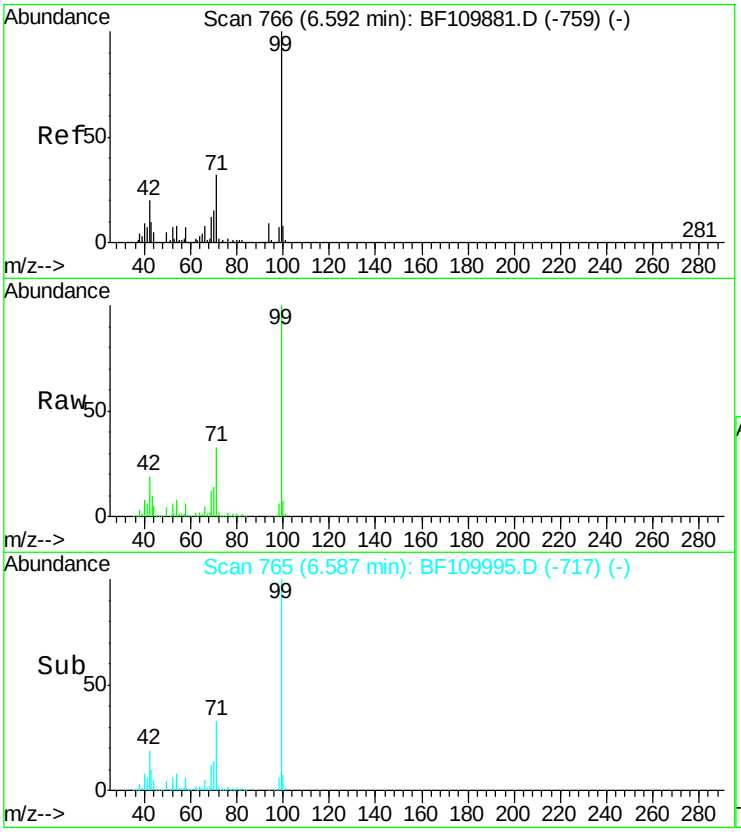


#5
2-Fluorophenol
Concen: 43.268 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:112 Resp: 427915

Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	31.5	23.7	35.5



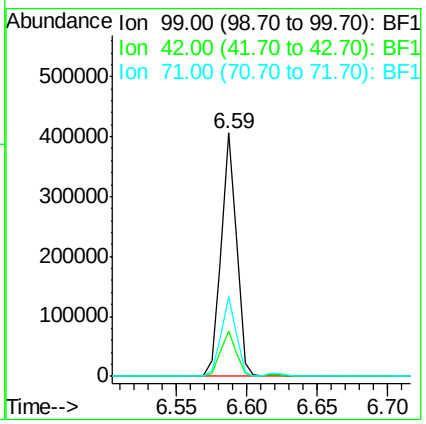


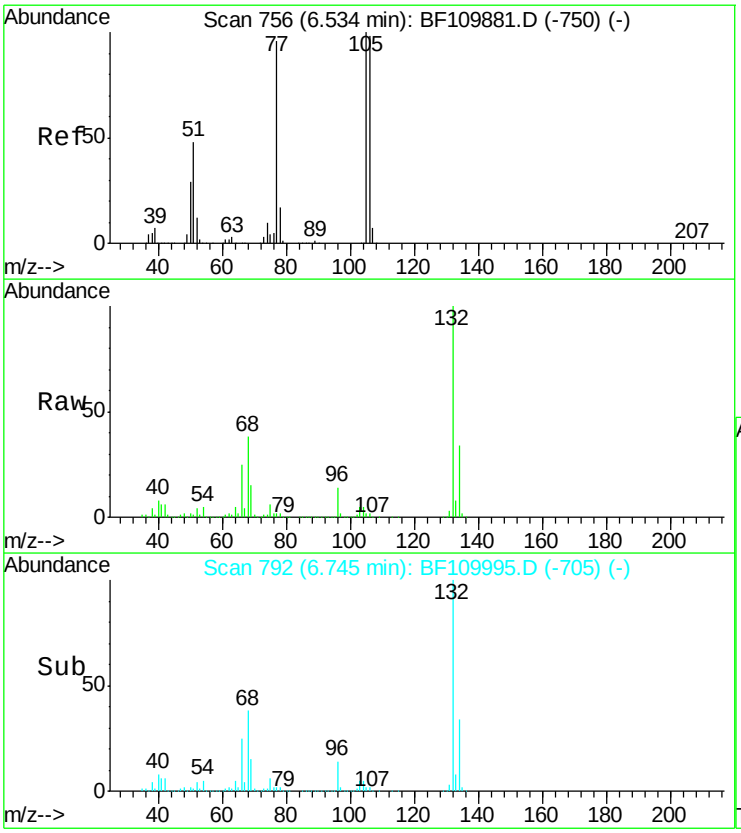
#7
Phenol-d6
Concen: 25.396 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion: 99 Resp: 311877

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	32.8	28.0	42.0

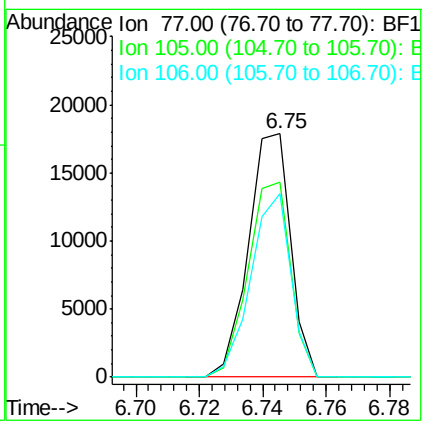


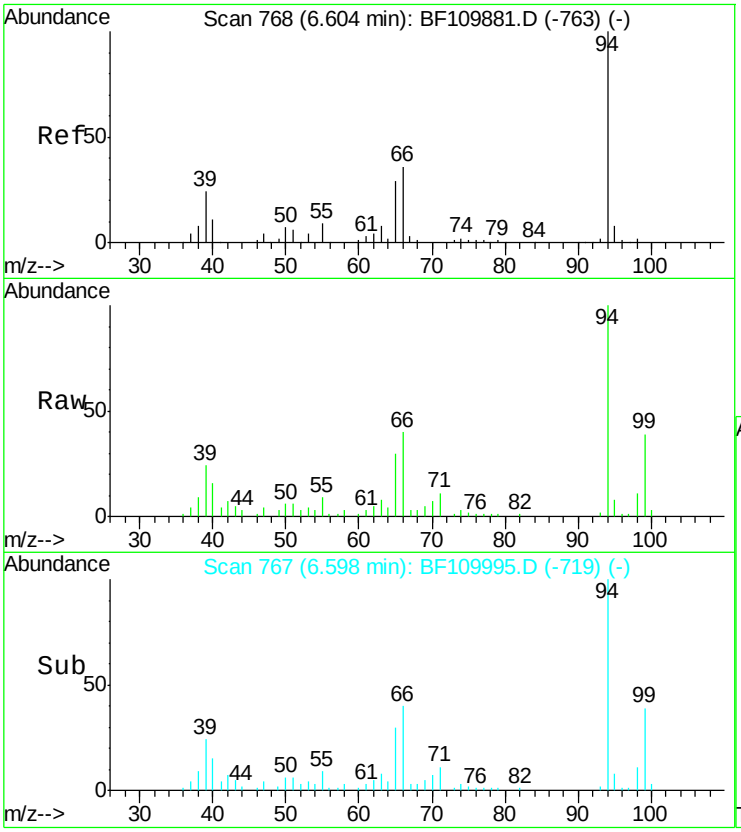


#9
Benzaldehyde
Concen: 2.075 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.21 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion: 77 Resp: 16558

Ion	Ratio	Lower	Upper
77	100		
105	79.9	78.6	118.6
106	75.1	74.8	114.8



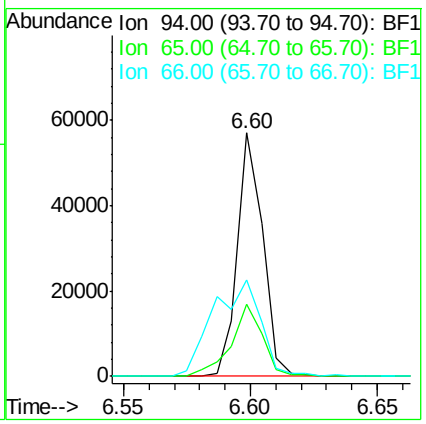


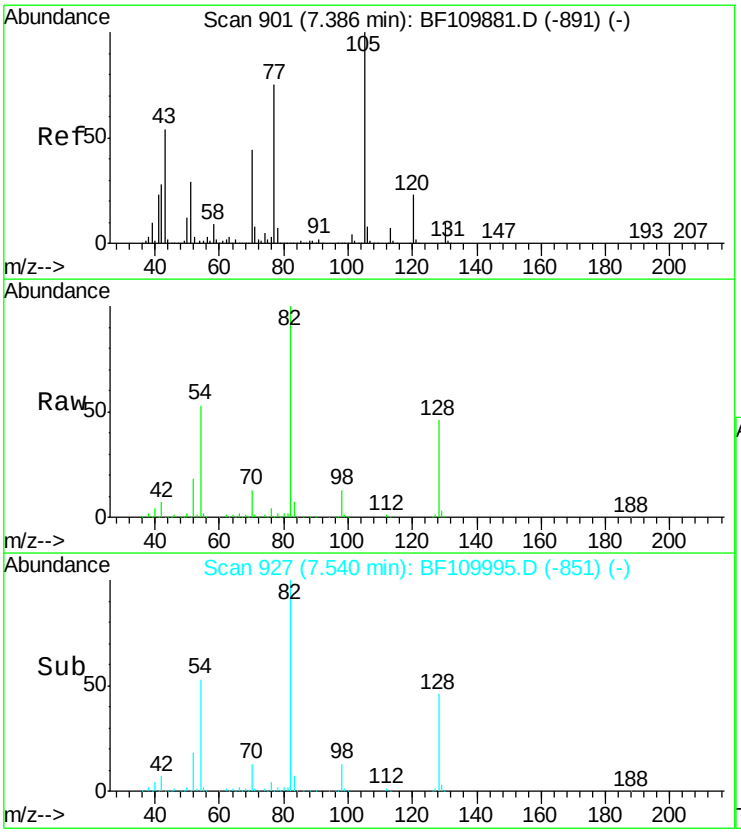
#10
Phenol
Concen: 2.986 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion: 94 Resp: 39596

Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.3	65.3
66	39.6	54.5	94.5#

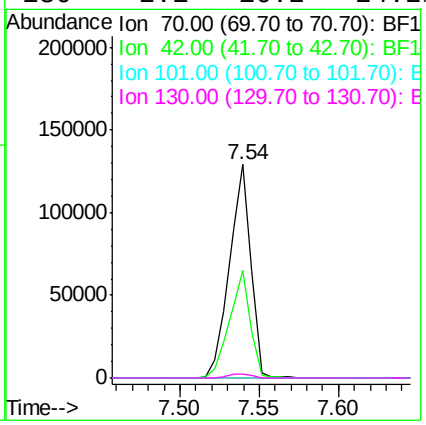


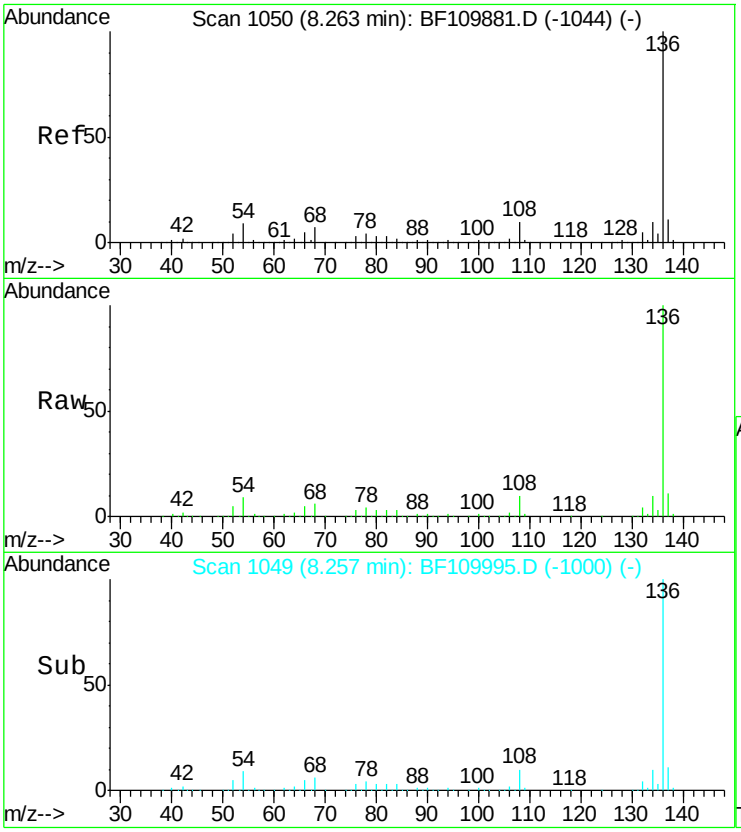


#19
n-Nitroso-di-n-propylamine
Concen: 15.280 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion: 70 Resp: 120481

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



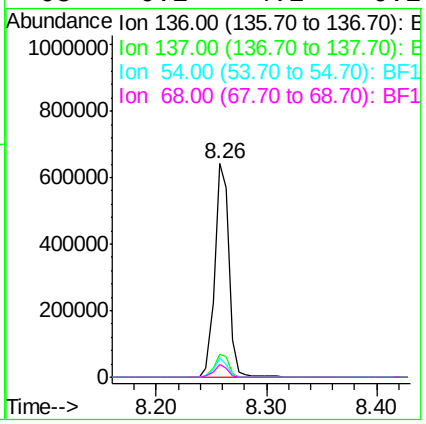


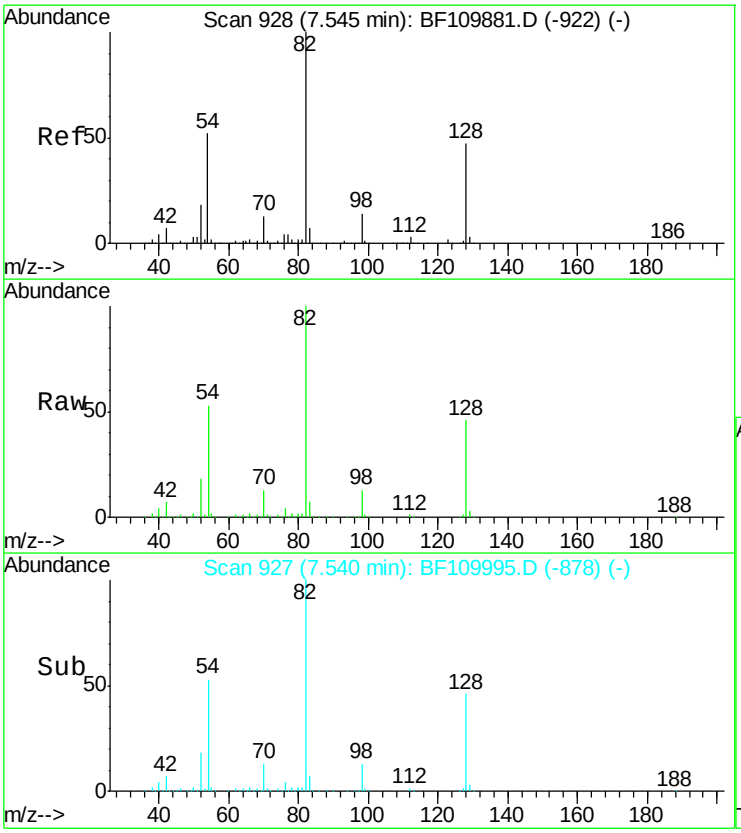
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:136 Resp: 572257

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.1	5.4	8.2#
68	6.2	4.2	6.2

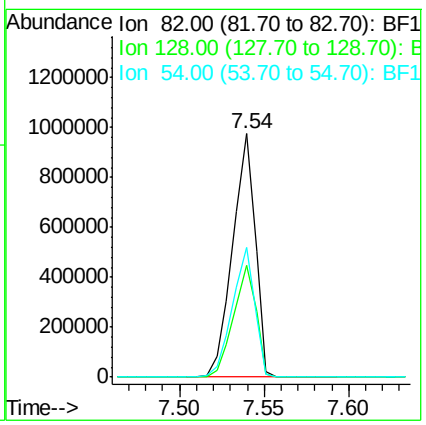


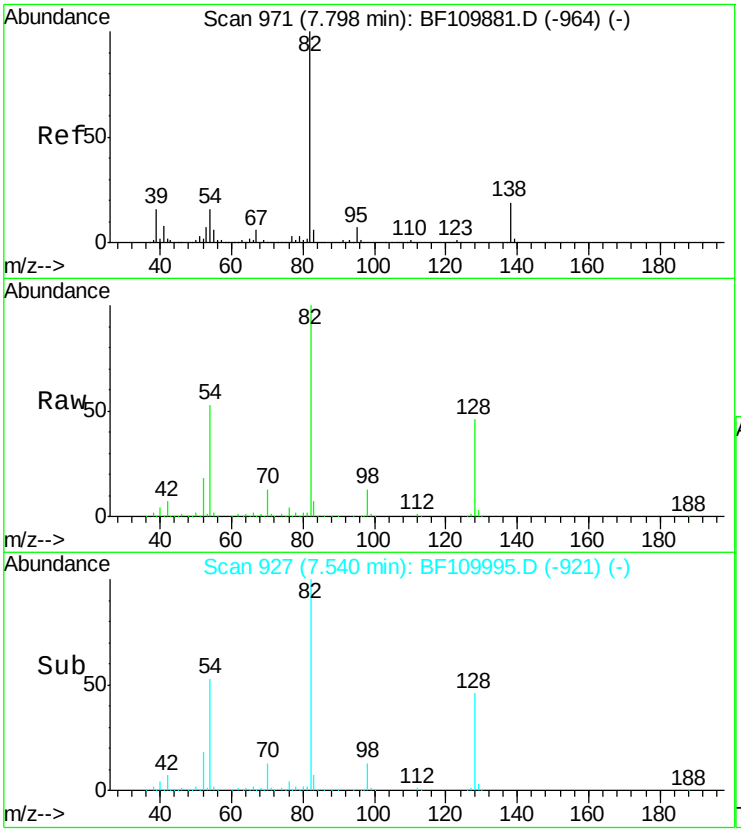


#23
Nitrobenzene-d5
Concen: 106.993 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion: 82 Resp: 908910

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	53.1	38.6	58.0



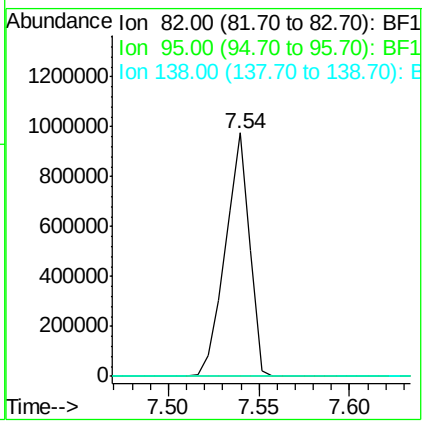


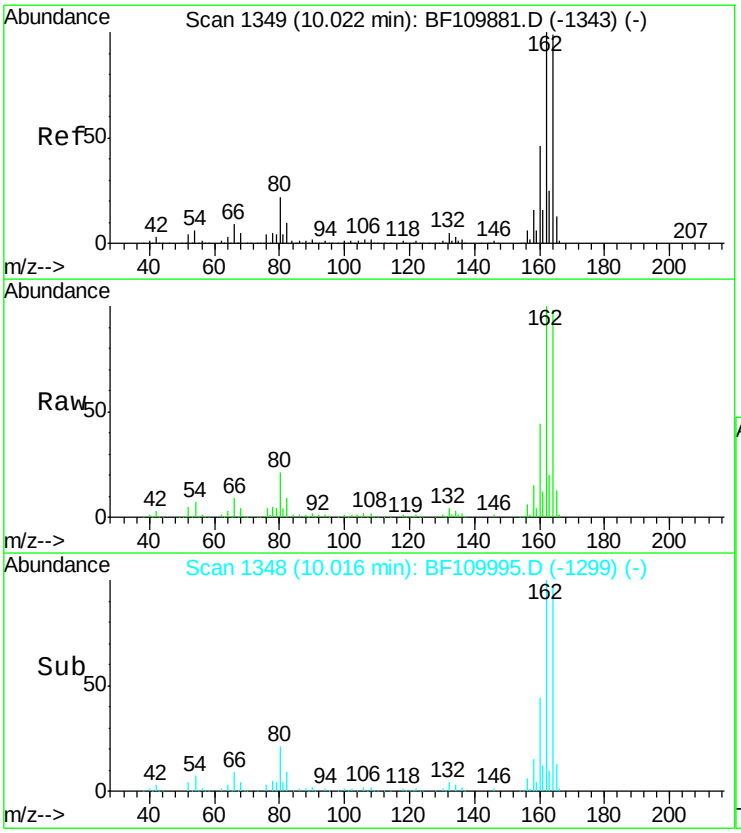
#25
Isophorone
Concen: 54.451 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion: 82 Resp: 908885

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

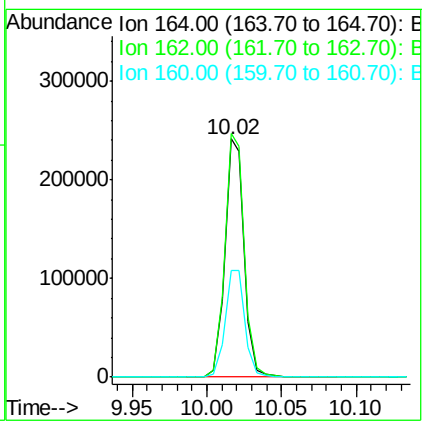


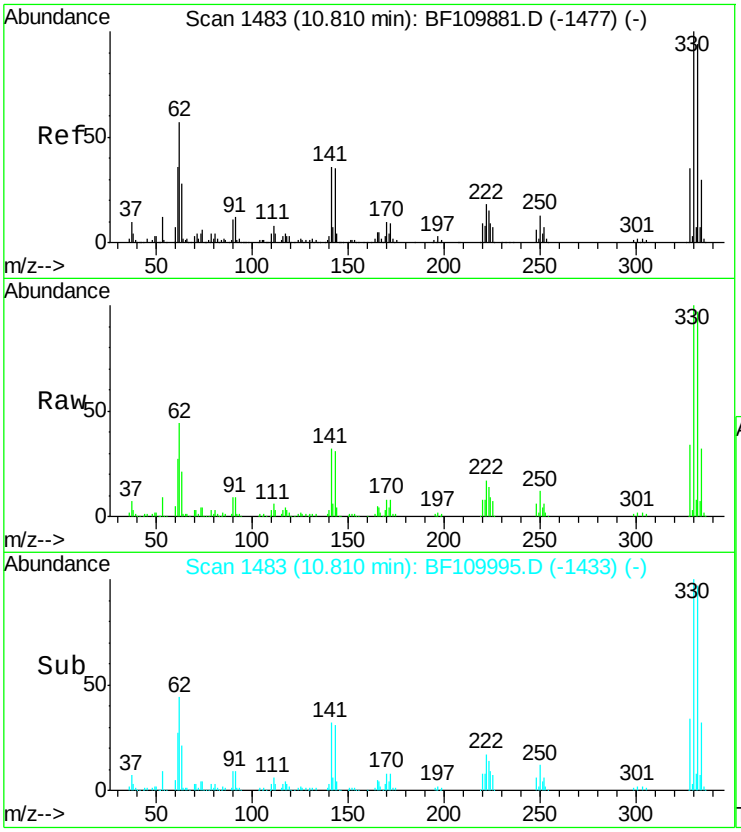


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:164 Resp: 220097

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.6
160	44.8	37.0	55.6



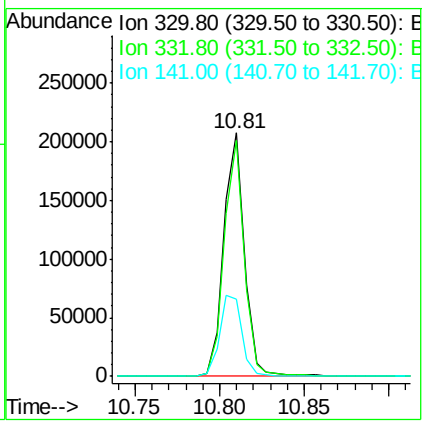


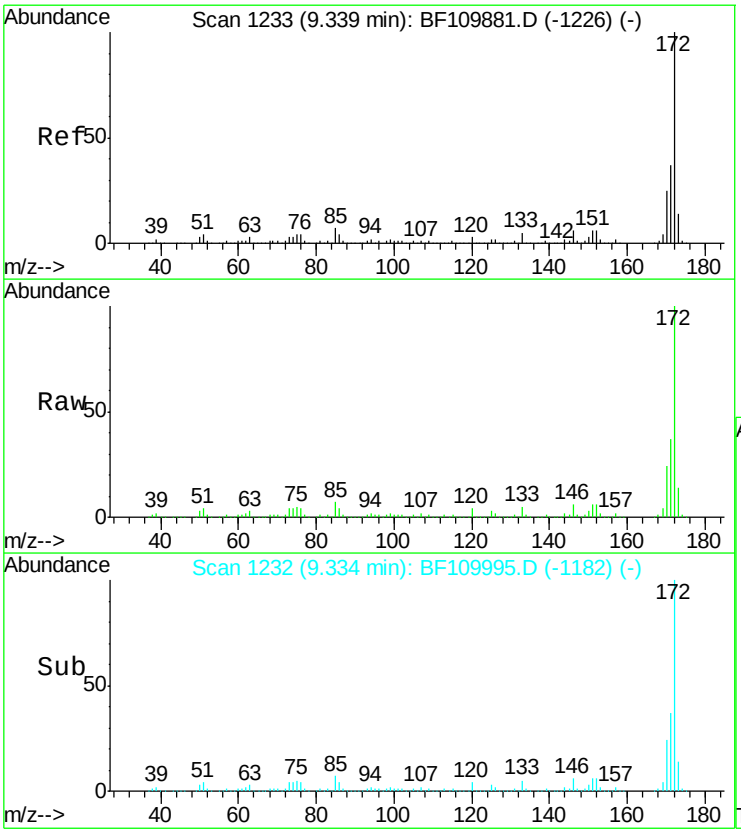
#42
2,4,6-Tribromophenol
Concen: 92.560 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:330 Resp: 176377

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	36.1	27.0	40.4

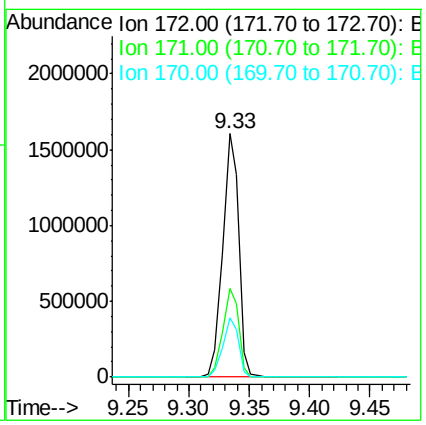


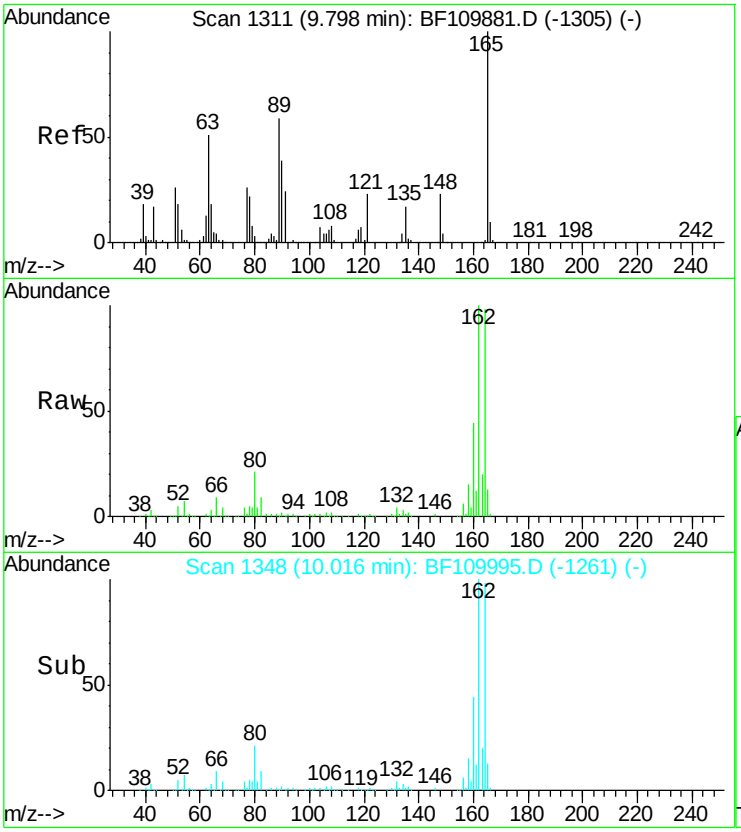


#45
2-Fluorobiphenyl
Concen: 106.480 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:172 Resp: 1468735

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.4	19.7	29.5



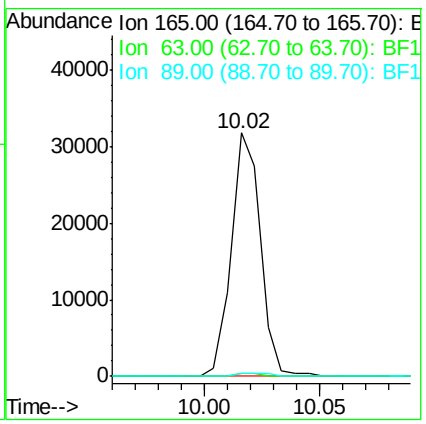


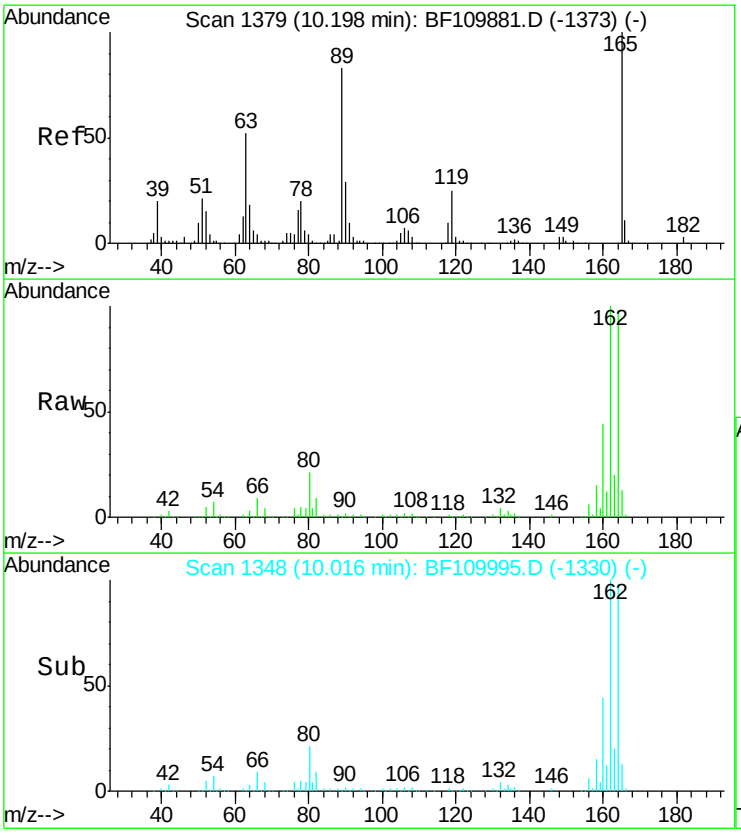
#51
2,6-Dinitrotoluene
Concen: 9.395 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:165 Resp: 27810

Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.9	73.3#
89	1.1	46.6	69.8#

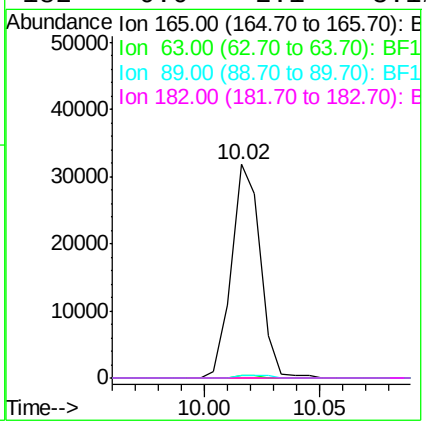


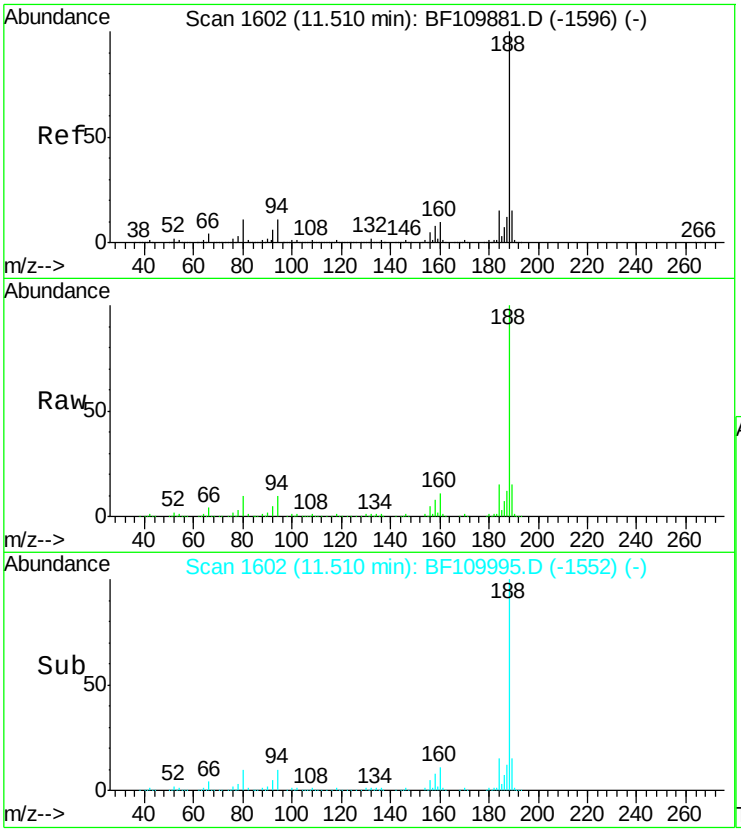


#57
2,4-Dinitrotoluene
Concen: 11.310 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:165 Resp: 27810

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#



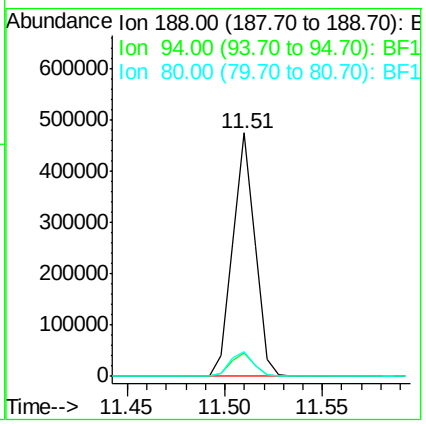


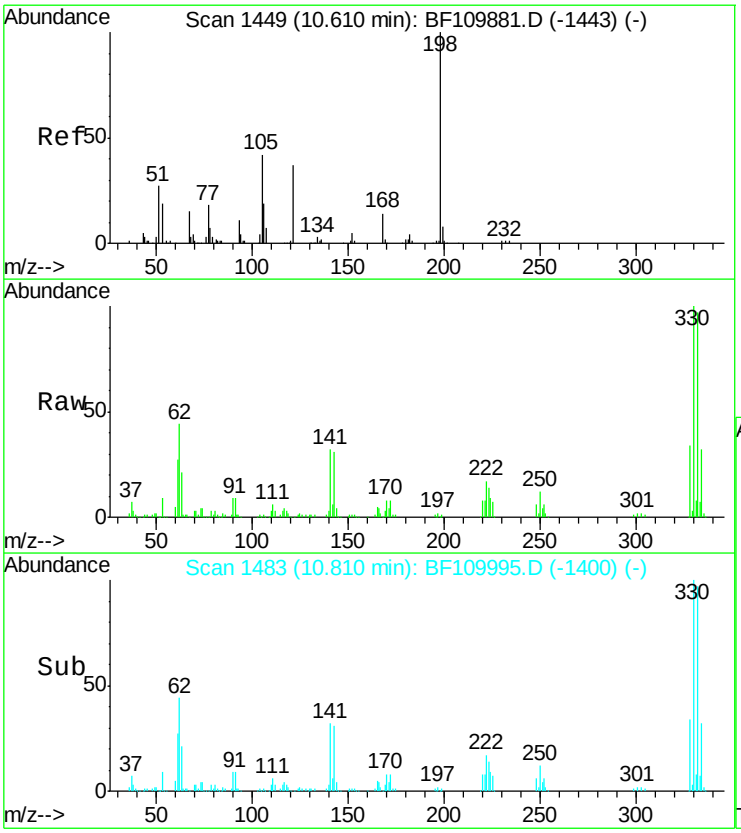
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:188 Resp: 377096

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.1	7.9	11.9

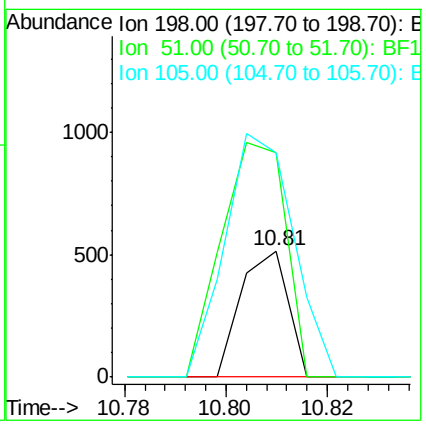


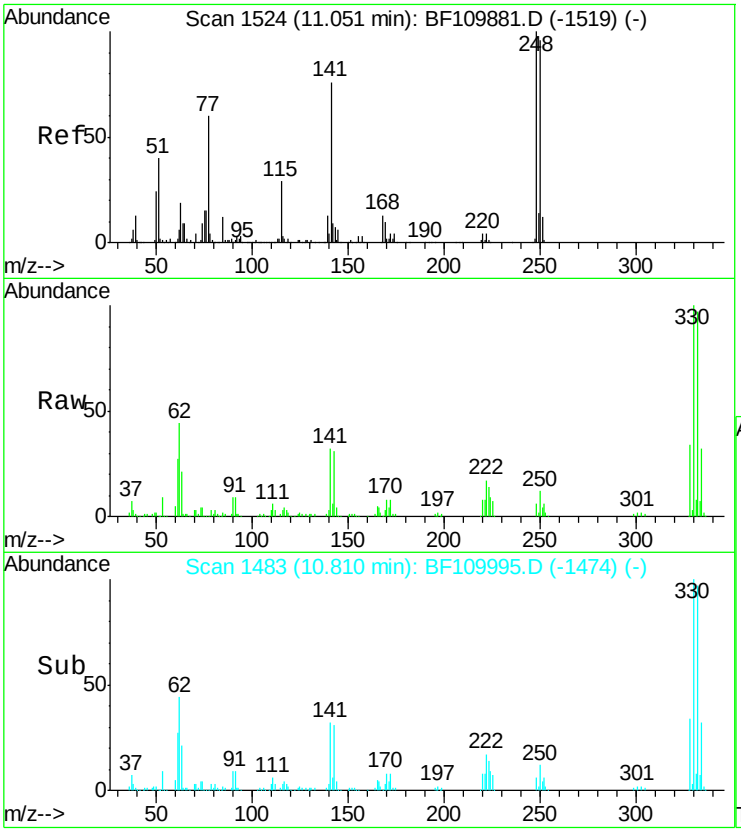


#65
4,6-Dinitro-2-methylphenol
Concen: 8.107 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:198 Resp: 332

Ion	Ratio	Lower	Upper
198	100		
51	177.9	22.8	62.8#
105	177.7	23.6	63.6#



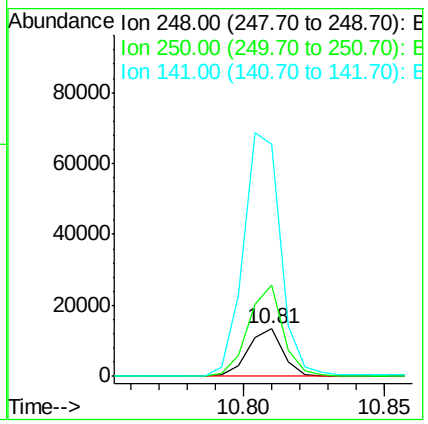


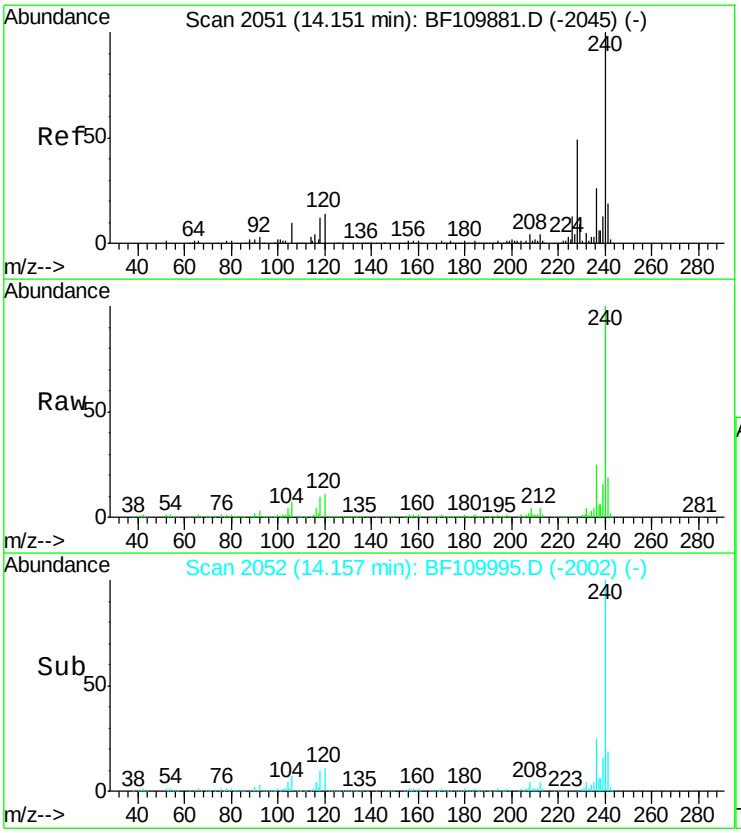
#67
4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:248 Resp: 11452

Ion	Ratio	Lower	Upper
248	100		
250	192.6	79.4	119.2#
141	488.4	55.9	83.9#

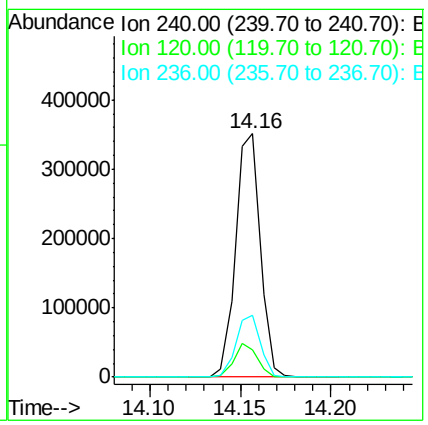


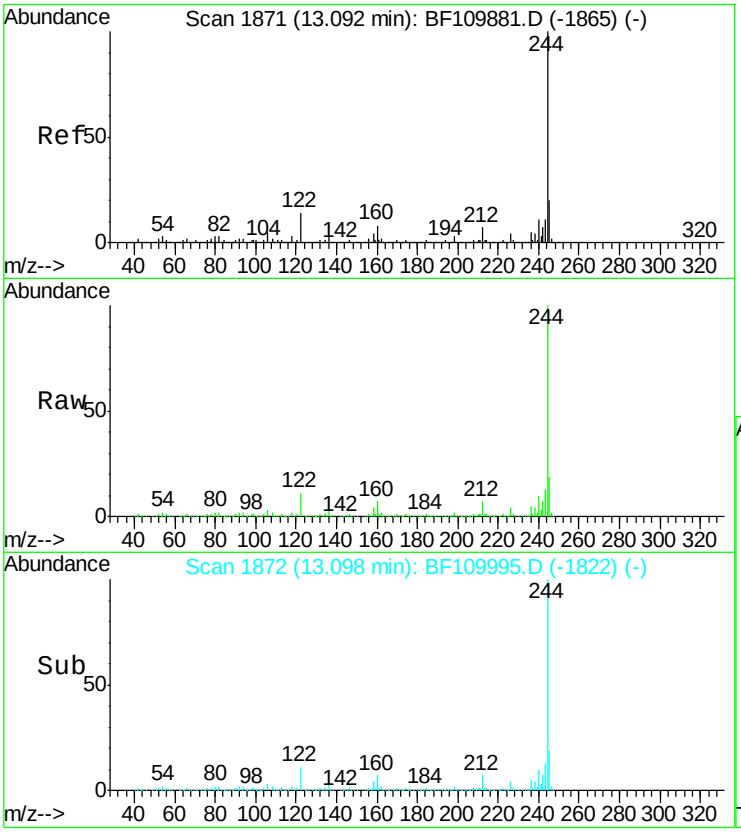


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:240 Resp: 332116

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.2	21.2	31.8



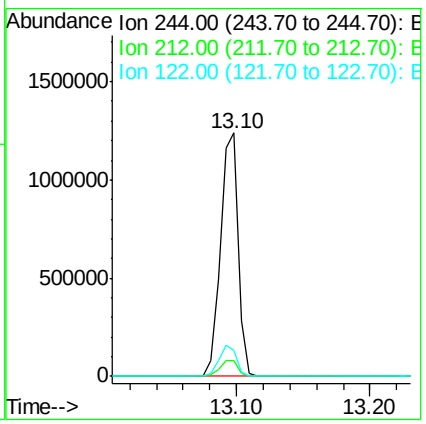


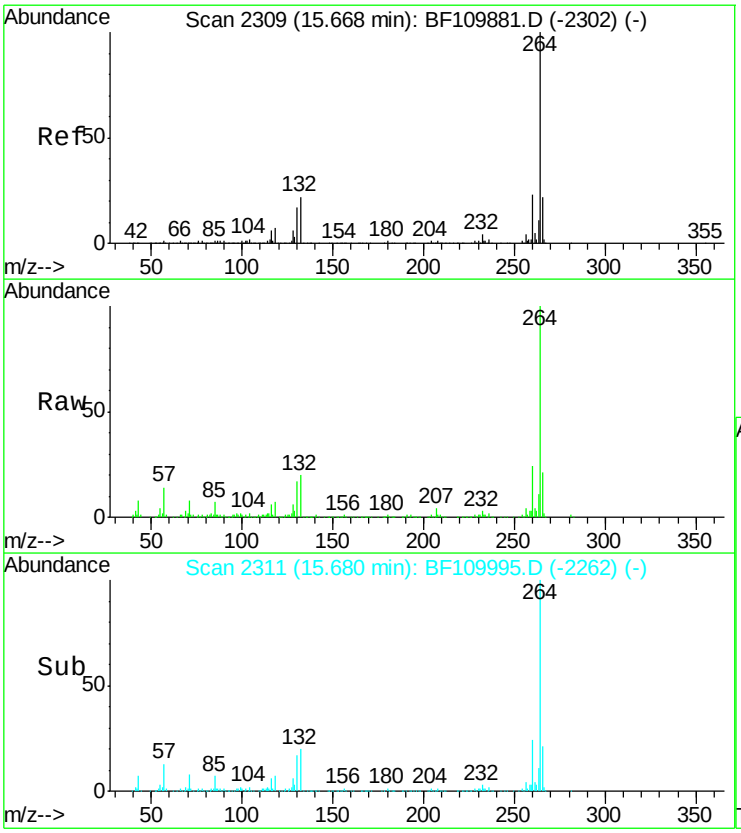
#79
Terphenyl-d14
Concen: 73.184 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-S

Tgt Ion:244 Resp: 1157447

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.6	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: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:264 Resp: 235019

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.8	16.7	25.1