

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116977.D
 Acq On : 12 Sep 2019 6:00
 Operator : HP/JU
 Sample : K3631-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:10:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

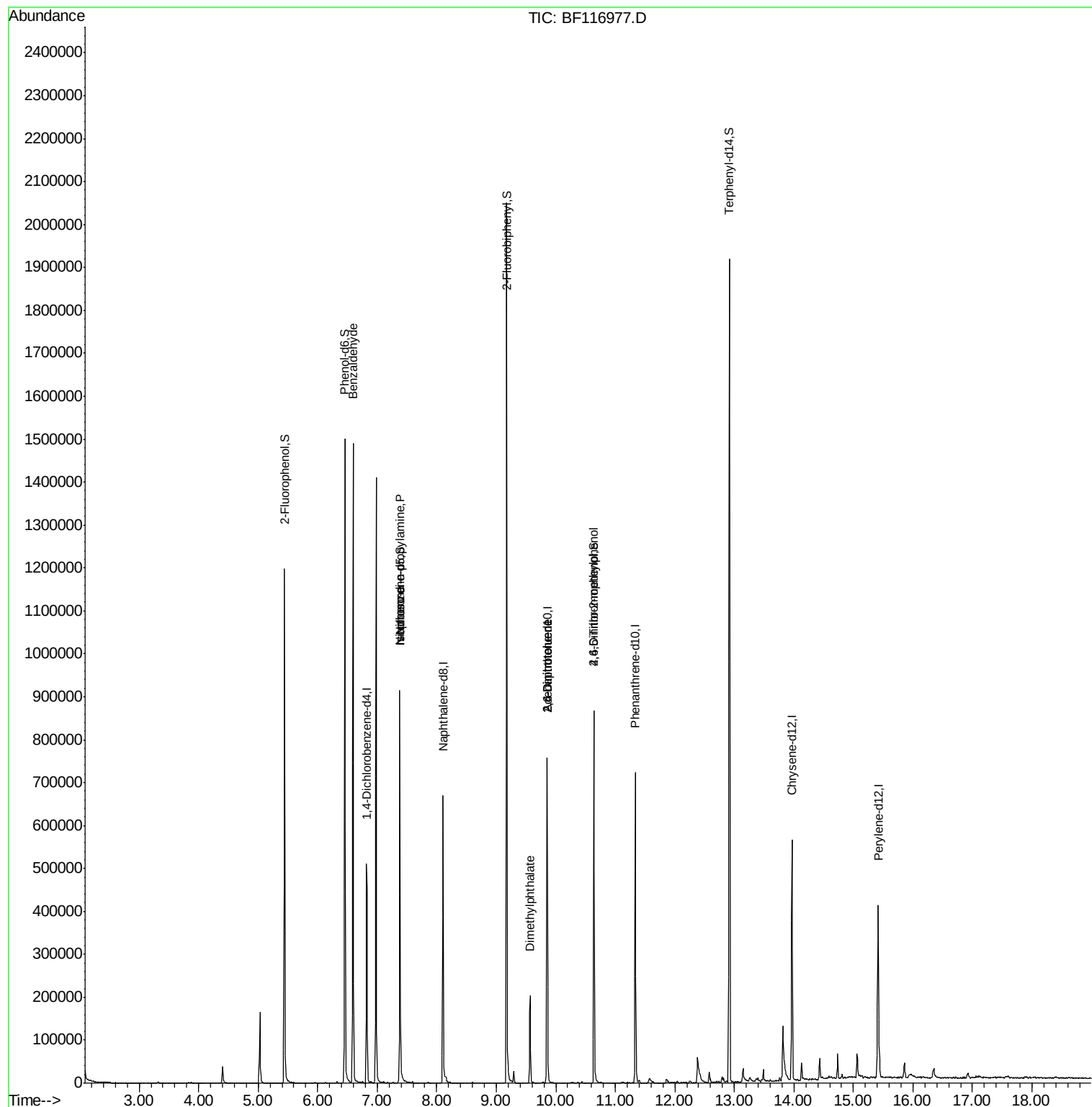
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77187	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	323430	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	172972	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	289984	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	176859	20.00	ng	-0.02
87) Perylene-d12	15.42	264	183655	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	355815	74.68	ng	0.00
7) Phenol-d6	6.46	99	522111	83.45	ng	-0.02
23) Nitrobenzene-d5	7.38	82	343540	60.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	93231	80.62	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	651035	63.49	ng	-0.02
79) Terphenyl-d14	12.92	244	620051	64.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	10239	2.484	ng	82
19) n-Nitroso-di-n-propylamine	7.38	70	45927	11.149	ng	# 71
25) Isophorone	7.38	82	343573	29.927	ng	# 66
50) Dimethylphthalate	9.57	163	88685	7.426	ng	99
51) 2,6-Dinitrotoluene	9.85	165	22708	9.966	ng	# 20
57) 2,4-Dinitrotoluene	9.85	165	22708	8.151	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.64	198	112	7.540	ng	# 1

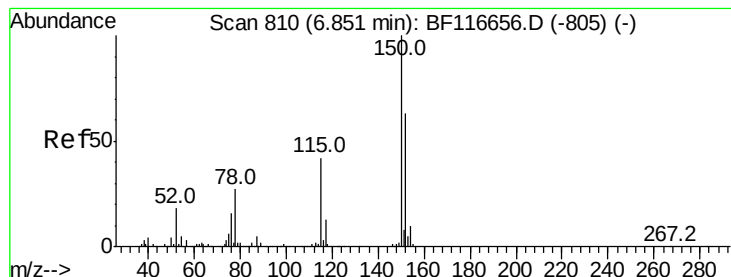
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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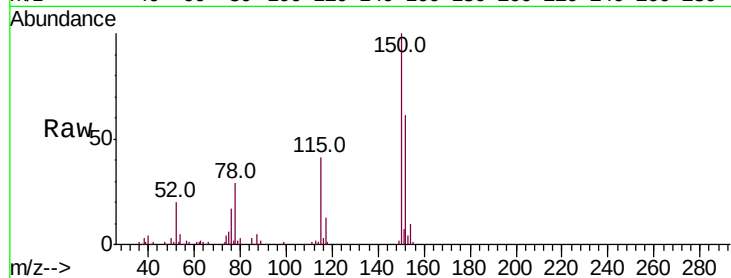


#1

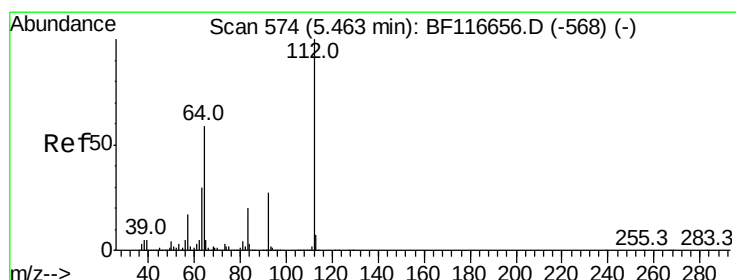
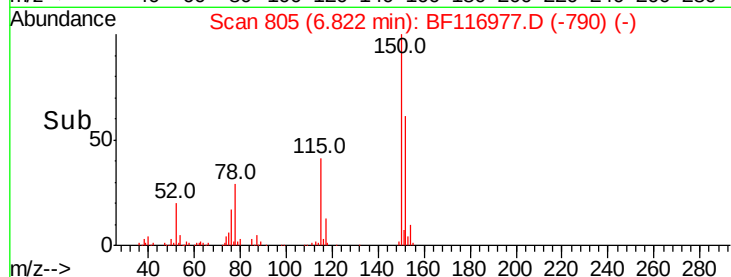
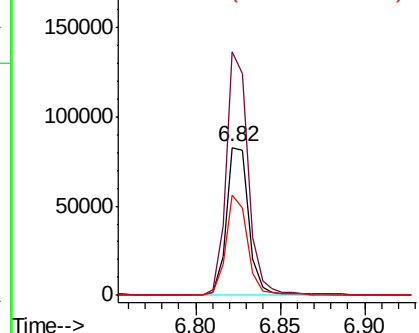
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116977.D
Acq: 12 Sep 2019 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	124.4	186.6
115	67.6	49.9	74.9



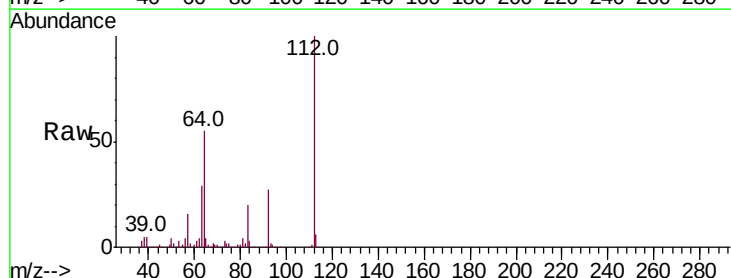
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



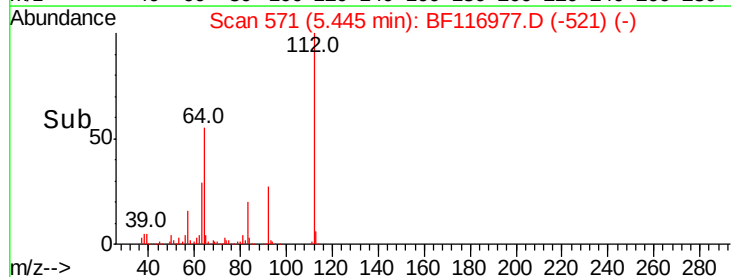
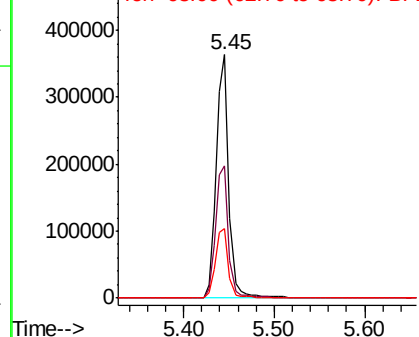
#5

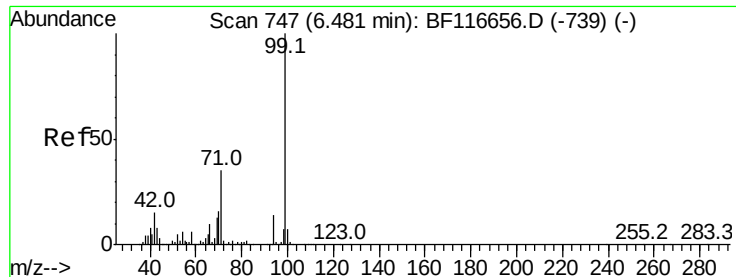
2-Fluorophenol
Concen: 74.681 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF116977.D
Acq: 12 Sep 2019 6:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.1	70.7
63	28.7	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.454 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116977.D

Acq: 12 Sep 2019 6:00

Instrument :

BNA_F

ClientSampleId :

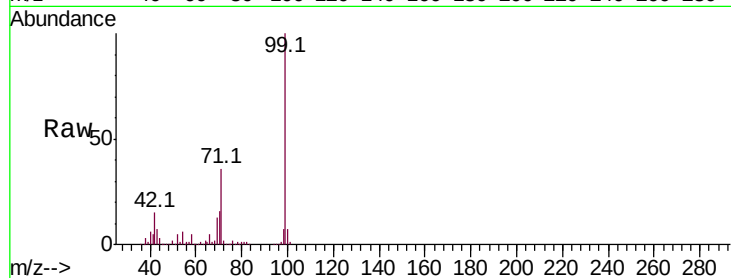
Tot Ion: 99 Resp: 522111

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

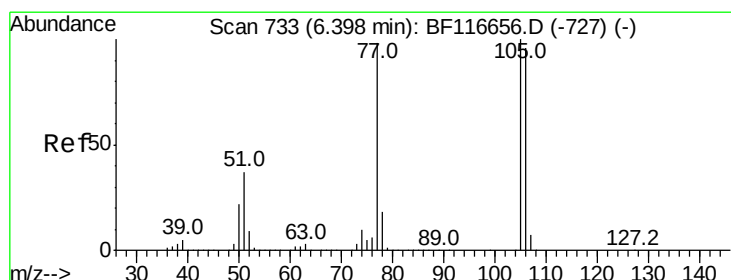
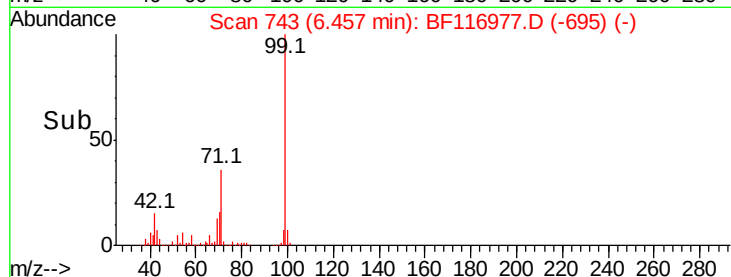
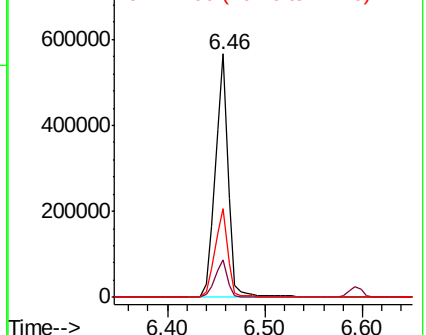
71 36.4 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.484 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF116977.D

Acq: 12 Sep 2019 6:00

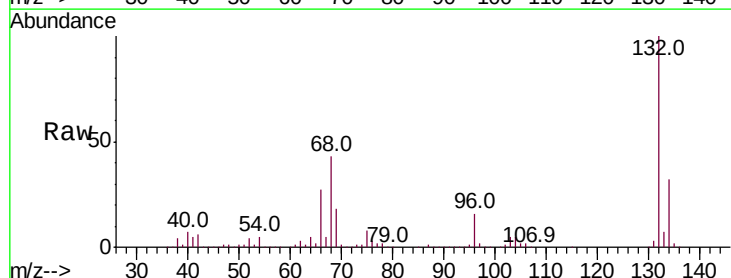
Tgt Ion: 77 Resp: 10239

Ion Ratio Lower Upper

77 100

105 80.2 76.7 116.7

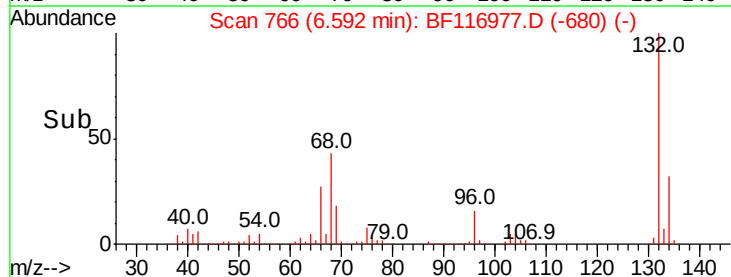
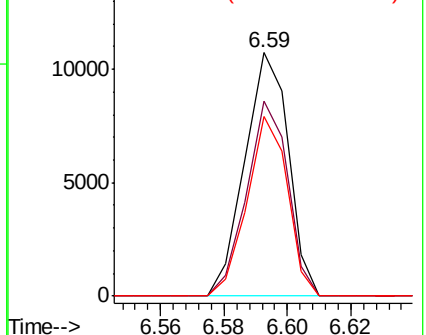
106 74.0 73.1 113.1

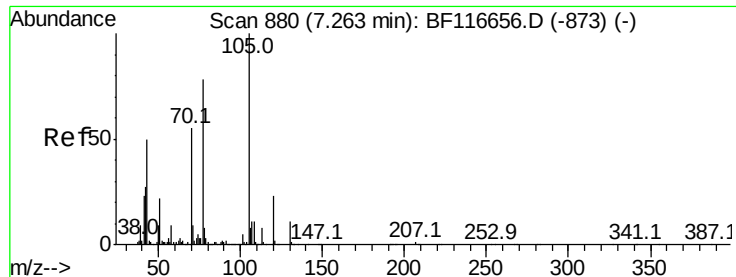


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 11.149 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF116977.D

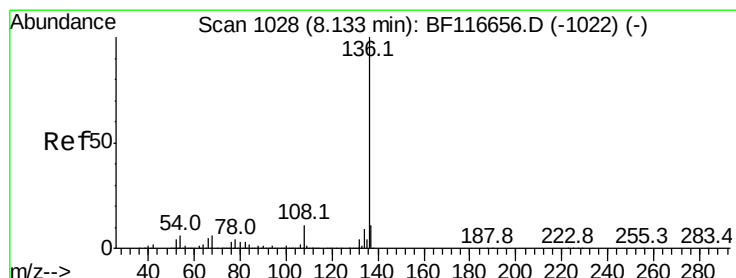
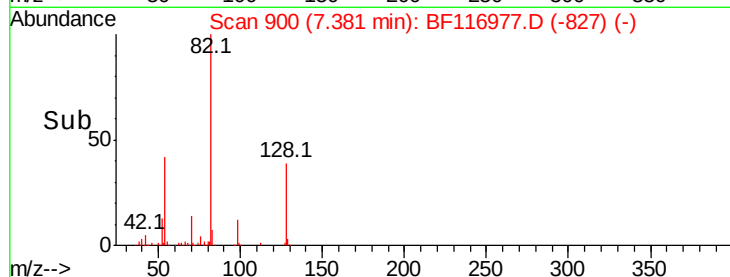
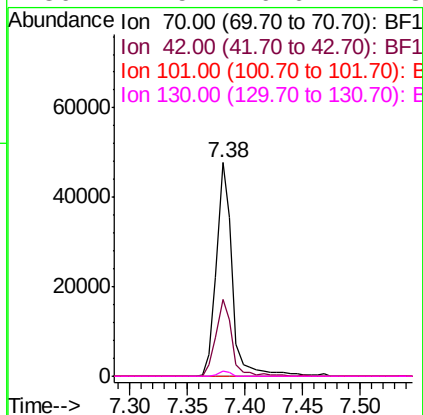
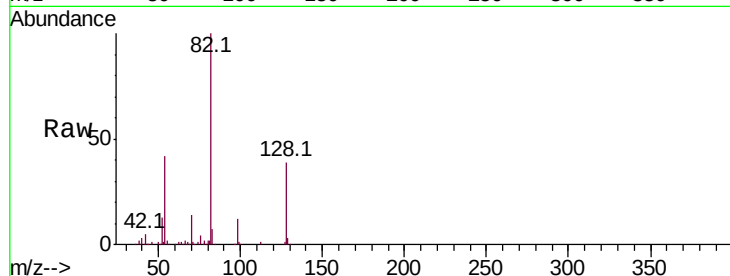
Acq: 12 Sep 2019 6:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	45927
Ion	Ratio	Lower	Upper
70	100		
42	36.0	43.5	65.3#
101	0.0	7.8	11.6#
130	2.5	16.6	24.8#



#21

Naphthalene-d8

Concen: 20.000 ng

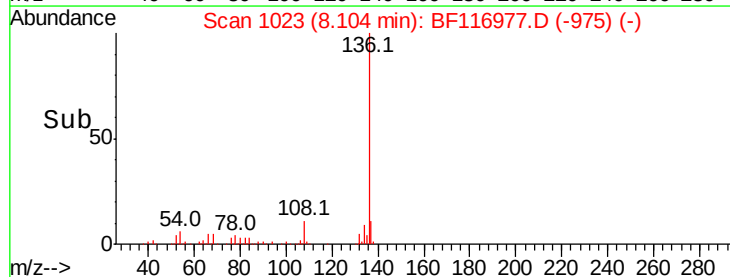
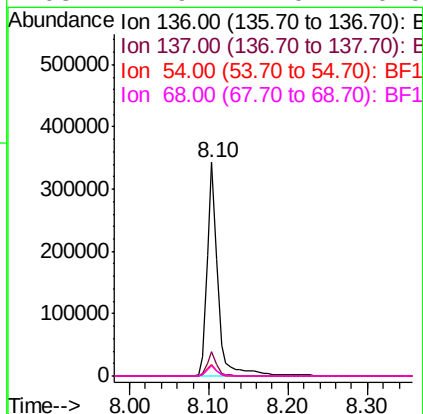
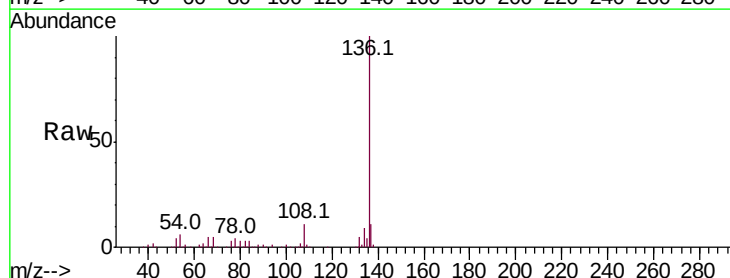
RT: 8.10 min Scan# 1023

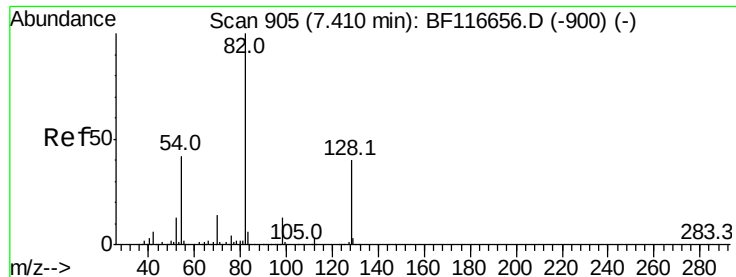
Delta R.T. -0.02 min

Lab File: BF116977.D

Acq: 12 Sep 2019 6:00

Tgt Ion:	136	Resp:	323430
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.5	4.8	7.2
68	4.9	4.0	6.0





#23

Nitrobenzene-d5

Concen: 60.637 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF116977.D

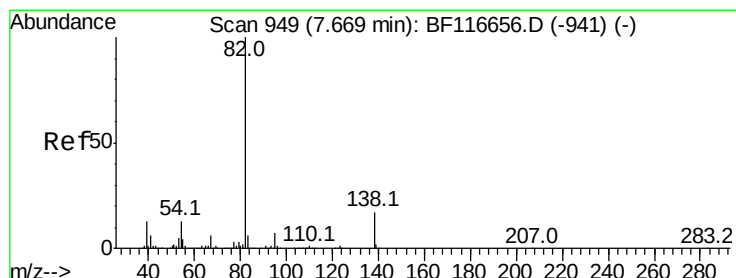
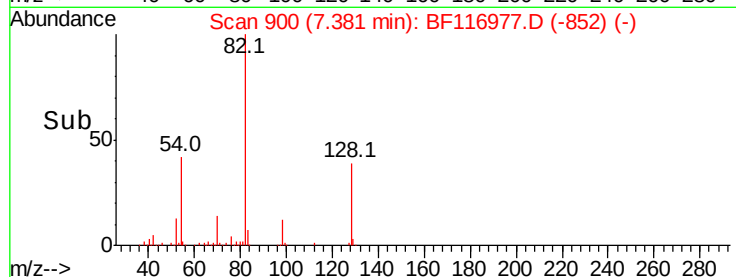
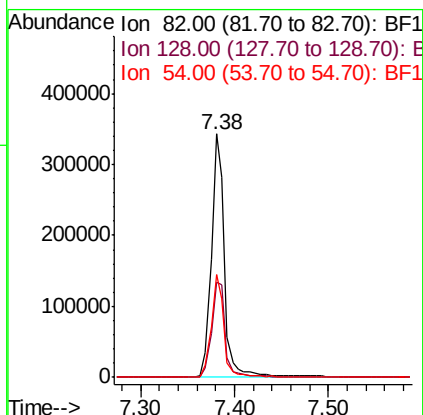
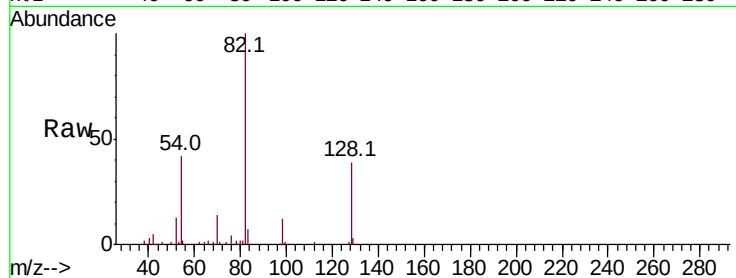
Acq: 12 Sep 2019 6:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	343540
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.8	49.2
54	42.2	36.9	55.3



#25

Isophorone

Concen: 29.927 ng

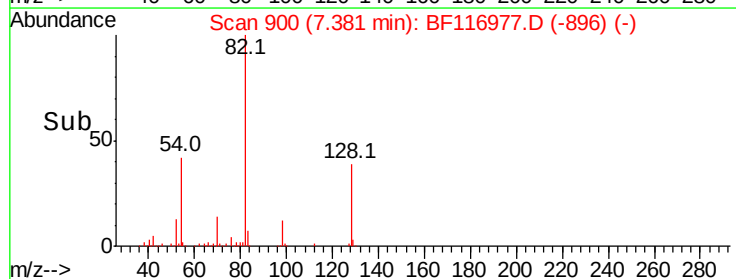
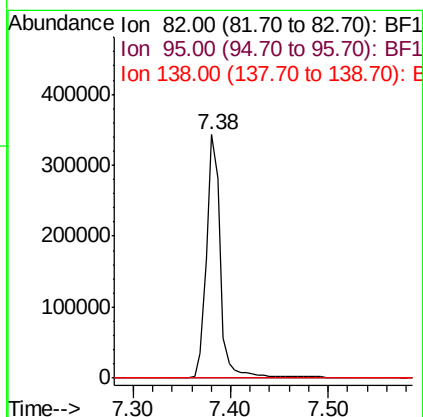
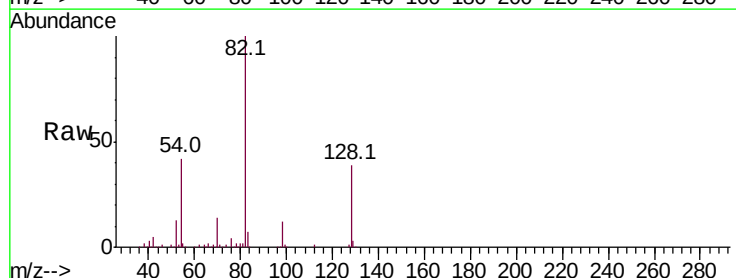
RT: 7.38 min Scan# 900

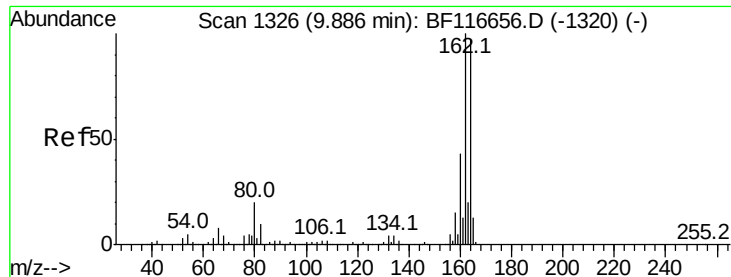
Delta R.T. -0.28 min

Lab File: BF116977.D

Acq: 12 Sep 2019 6:00

Tgt Ion:	82	Resp:	343573
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

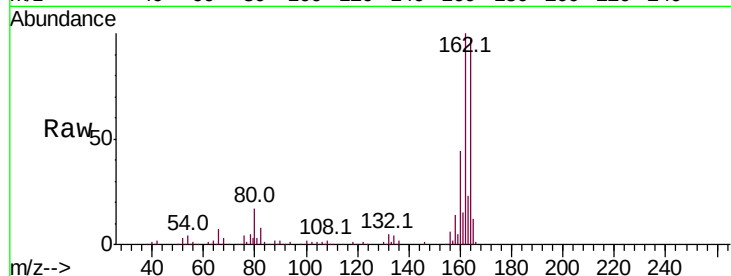




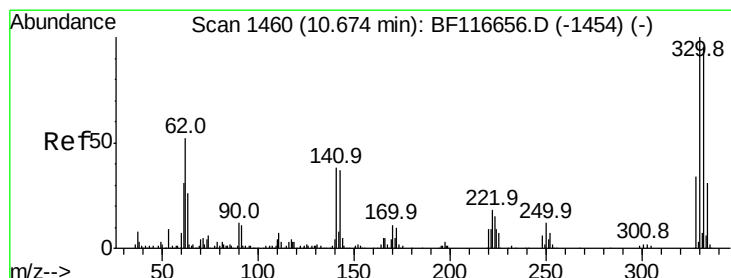
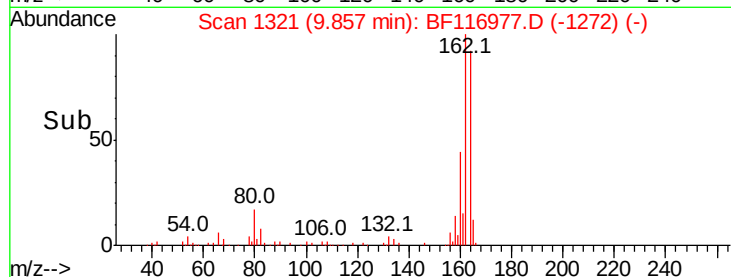
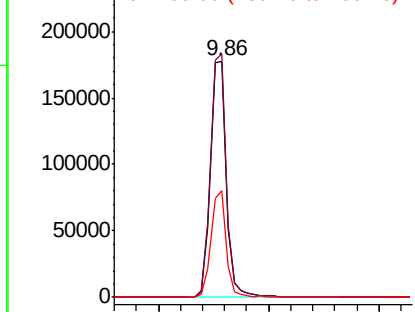
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF116977.D
Acq: 12 Sep 2019 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 172972
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 45.2 35.4 53.2

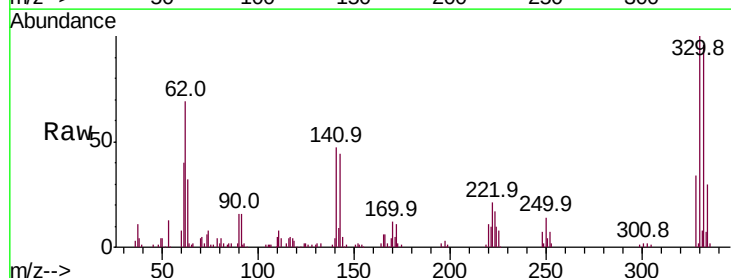


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

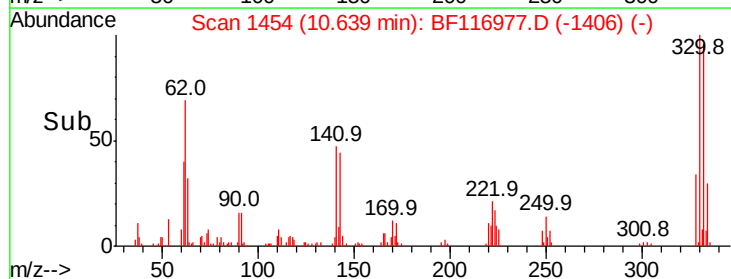
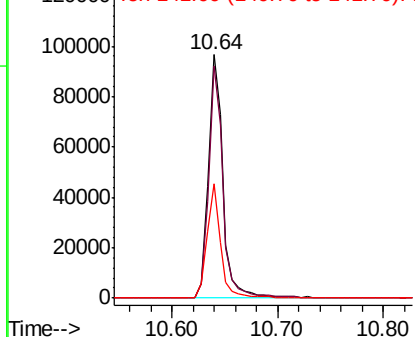


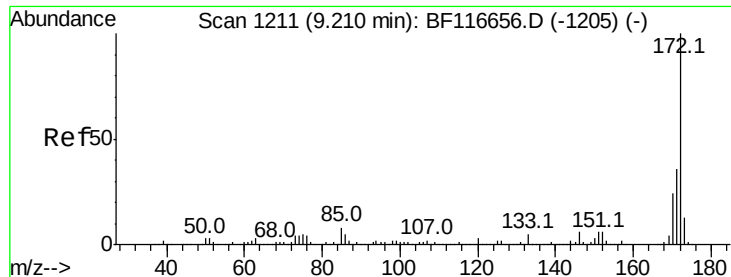
#42
2,4,6-Tribromophenol
Concen: 80.625 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF116977.D
Acq: 12 Sep 2019 6:00

Tgt Ion:330 Resp: 93231
Ion Ratio Lower Upper
330 100
332 92.9 76.9 115.3
141 43.8 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

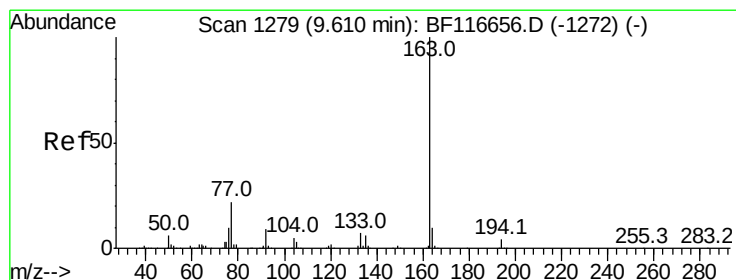
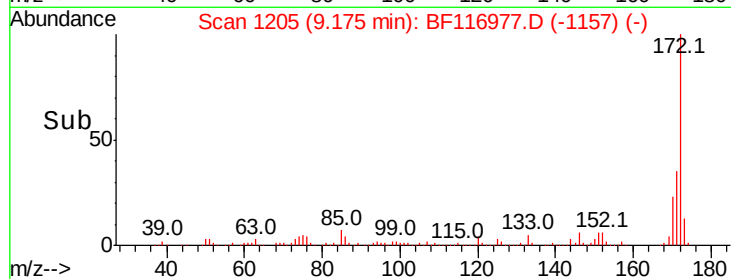
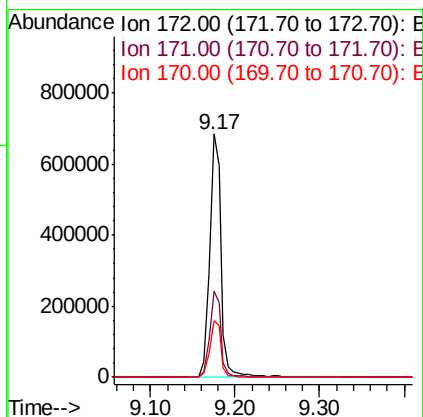
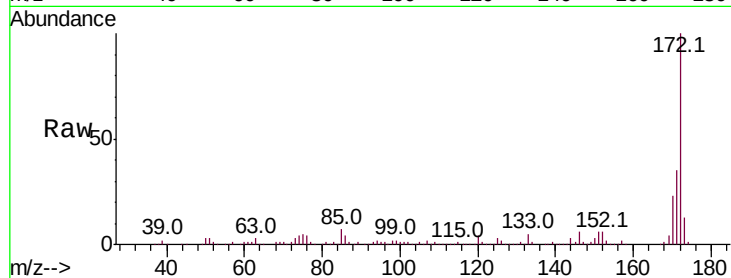




#45
 2-Fluorobiphenyl
 Concen: 63.492 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116977.D
 Acq: 12 Sep 2019 6:00

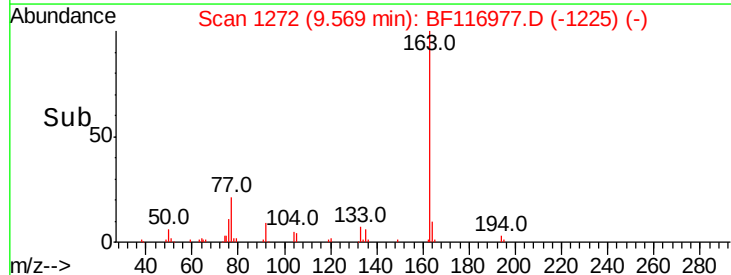
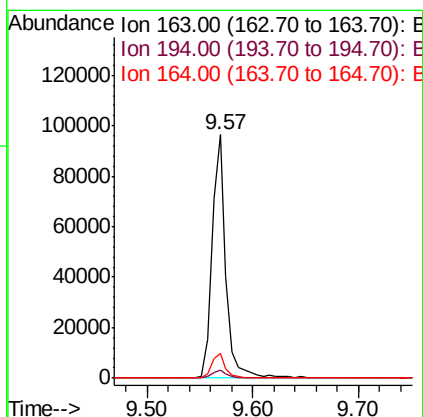
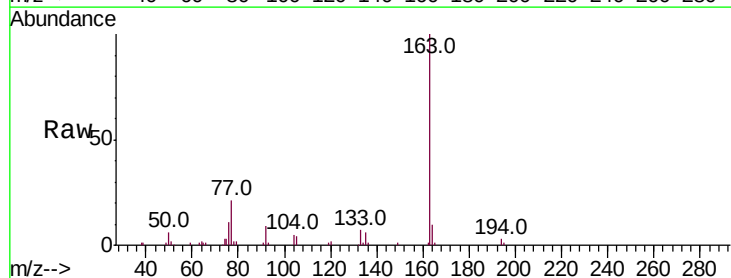
Instrument :
 BNA_F
 ClientSampleId :

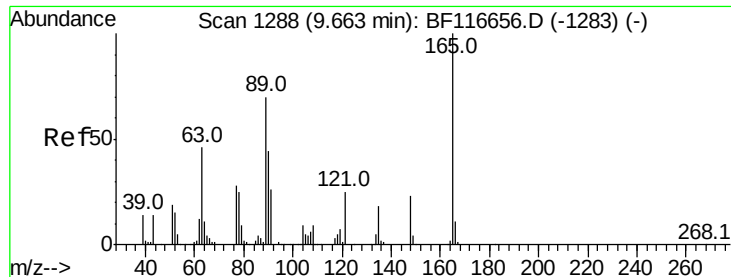
Tot Ion:172 Resp: 651035
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.6
 170 23.3 18.9 28.3



#50
 Dimethylphthalate
 Concen: 7.426 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF116977.D
 Acq: 12 Sep 2019 6:00

Tgt Ion:163 Resp: 88685
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 10.1 8.6 12.8

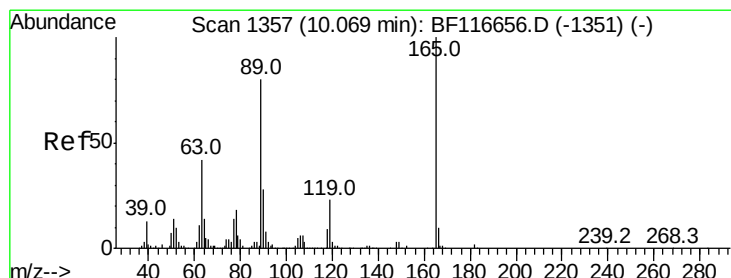
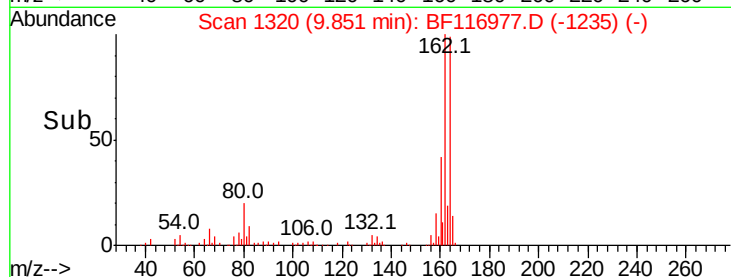
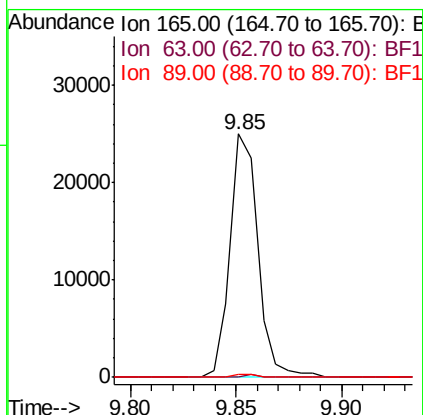
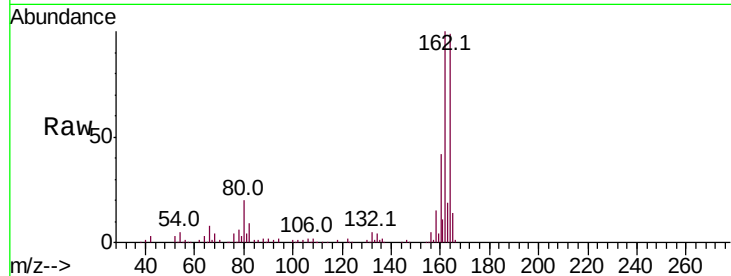




#51
 2,6-Dinitrotoluene
 Concen: 9.966 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.20 min
 Lab File: BF116977.D
 Acq: 12 Sep 2019 6:00

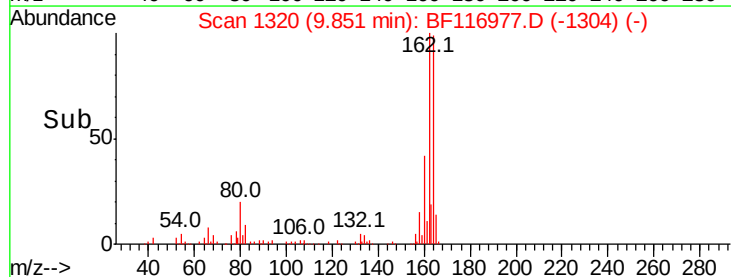
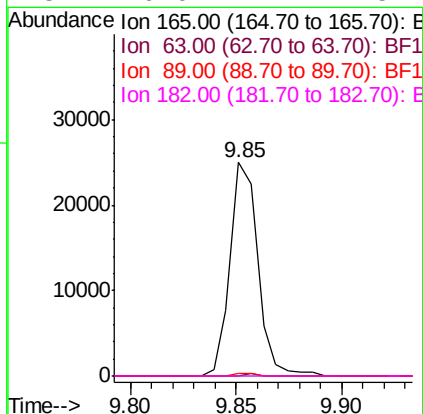
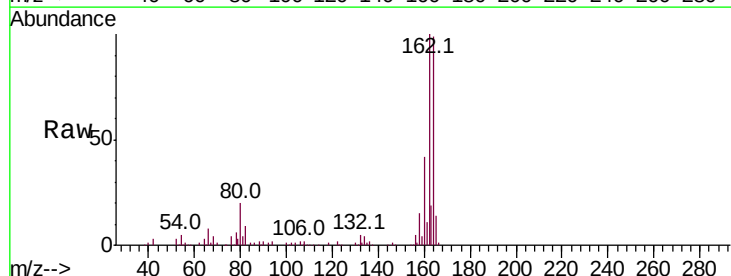
Instrument :
 BNA_F
 ClientSampleId :

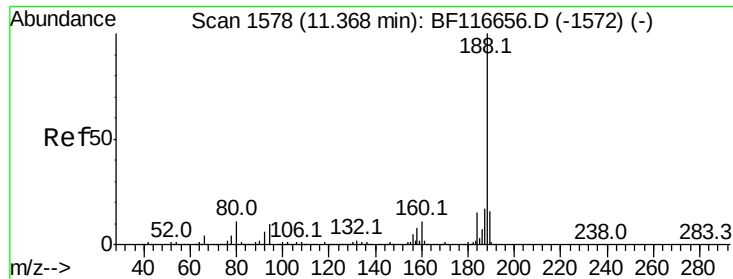
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	1.5	52.5	78.7#



#57
 2,4-Dinitrotoluene
 Concen: 8.151 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF116977.D
 Acq: 12 Sep 2019 6:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	62.6	94.0#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF116977.D

Acq: 12 Sep 2019 6:00

Instrument :

BNA_F

ClientSampleId :

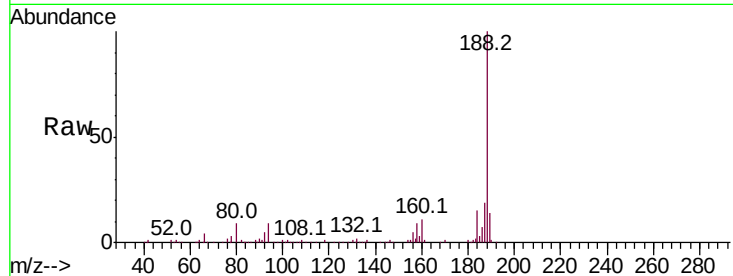
Tot Ion:188 Resp: 289984

Ion Ratio Lower Upper

188 100

94 8.9 7.3 10.9

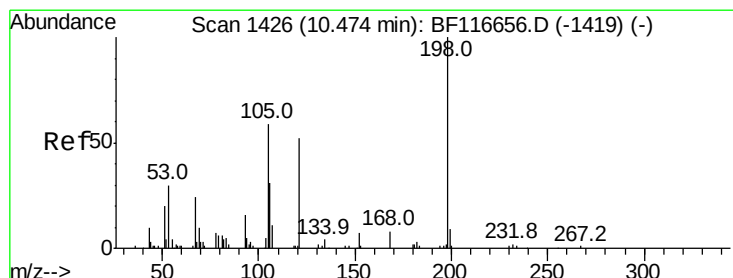
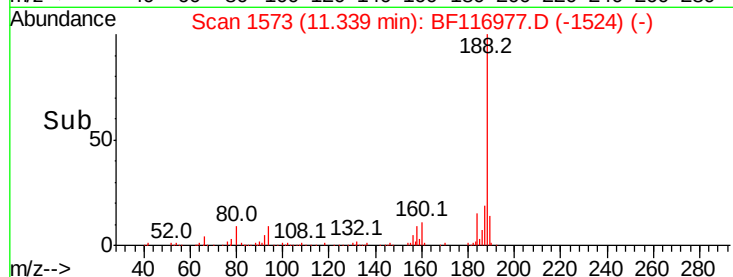
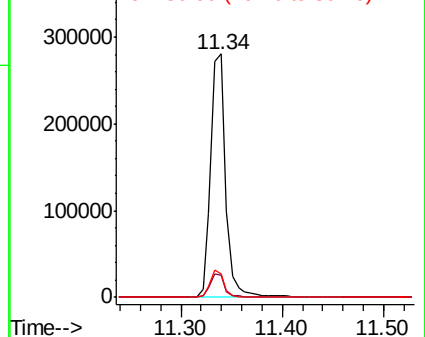
80 9.5 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.540 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.17 min

Lab File: BF116977.D

Acq: 12 Sep 2019 6:00

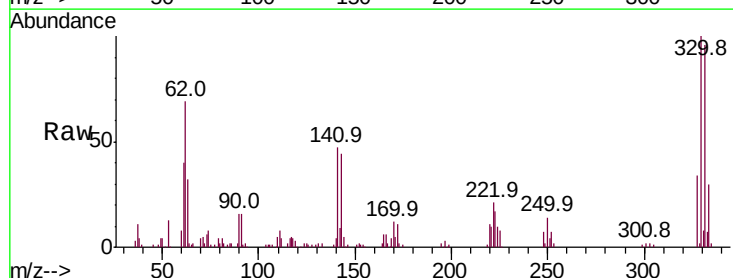
Tgt Ion:198 Resp: 112

Ion Ratio Lower Upper

198 100

51 127.8 18.4 58.4#

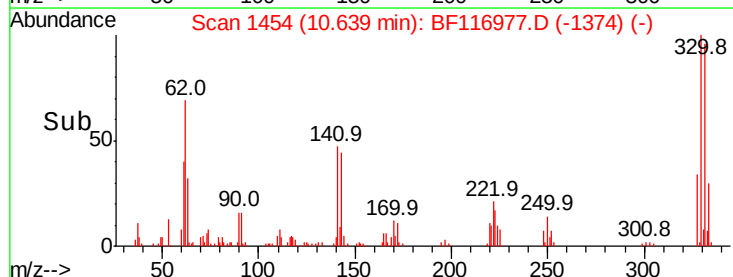
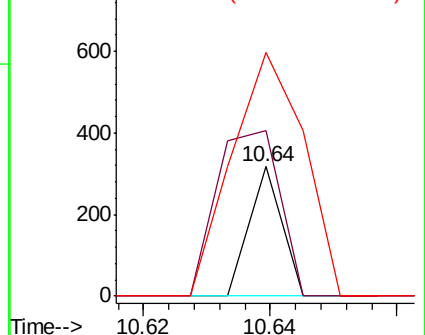
105 188.3 22.9 62.9#

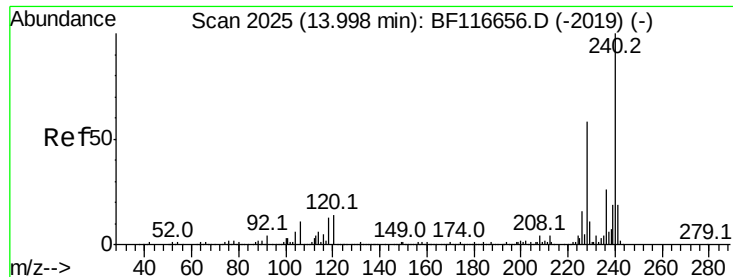


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

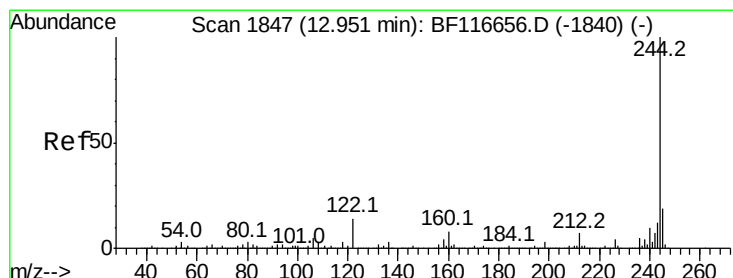
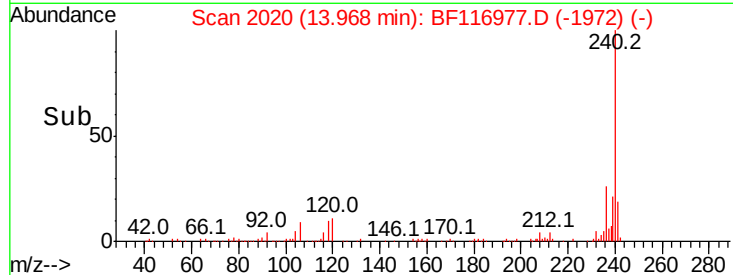
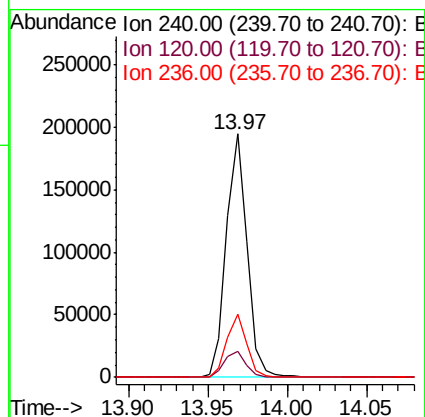
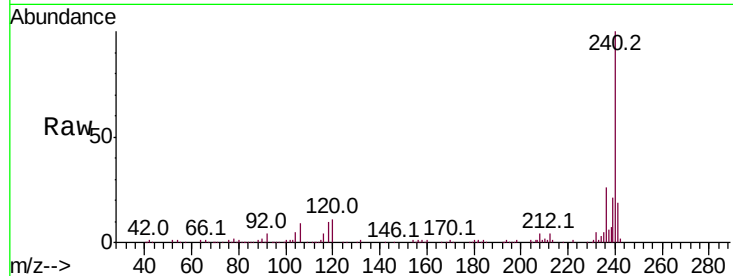




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116977.D
Acq: 12 Sep 2019 6:00

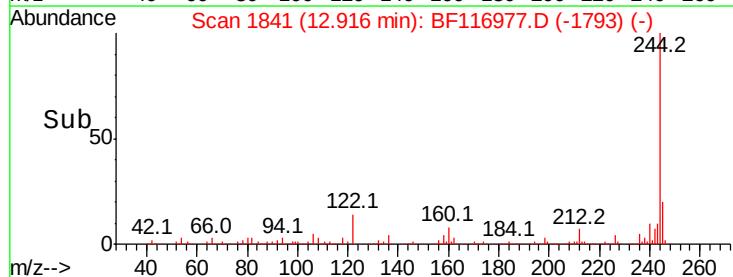
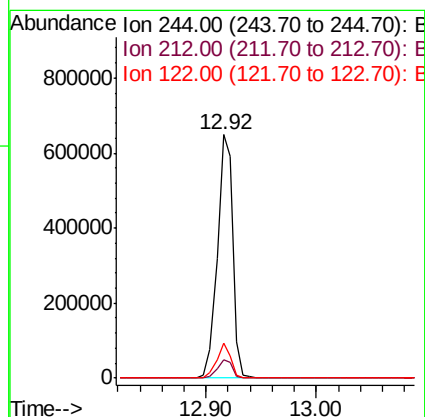
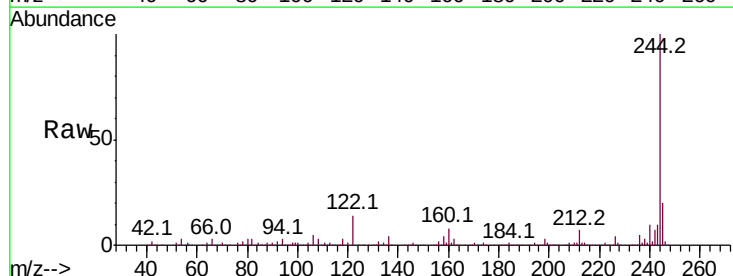
Instrument :
BNA_F
ClientSampleId :

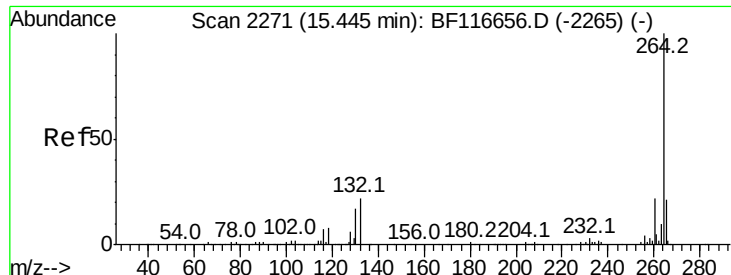
Tot Ion:240 Resp: 176859
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 26.1 21.1 31.7



#79
Terphenyl-d14
Concen: 64.857 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF116977.D
Acq: 12 Sep 2019 6:00

Tgt Ion:244 Resp: 620051
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 14.4 10.2 15.4

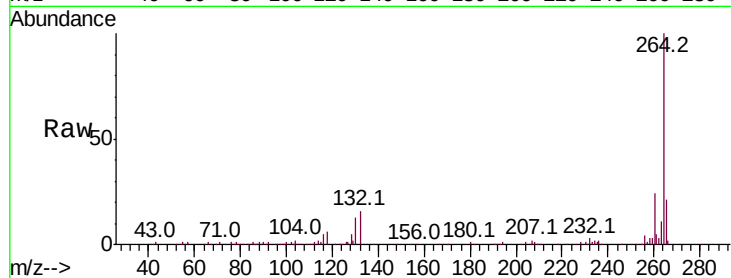




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116977.D
 Acq: 12 Sep 2019 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	20.8	16.5	24.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

