

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116955.D
 Acq On : 11 Sep 2019 19:21
 Operator : HP/JU
 Sample : K4786-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:04:24 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

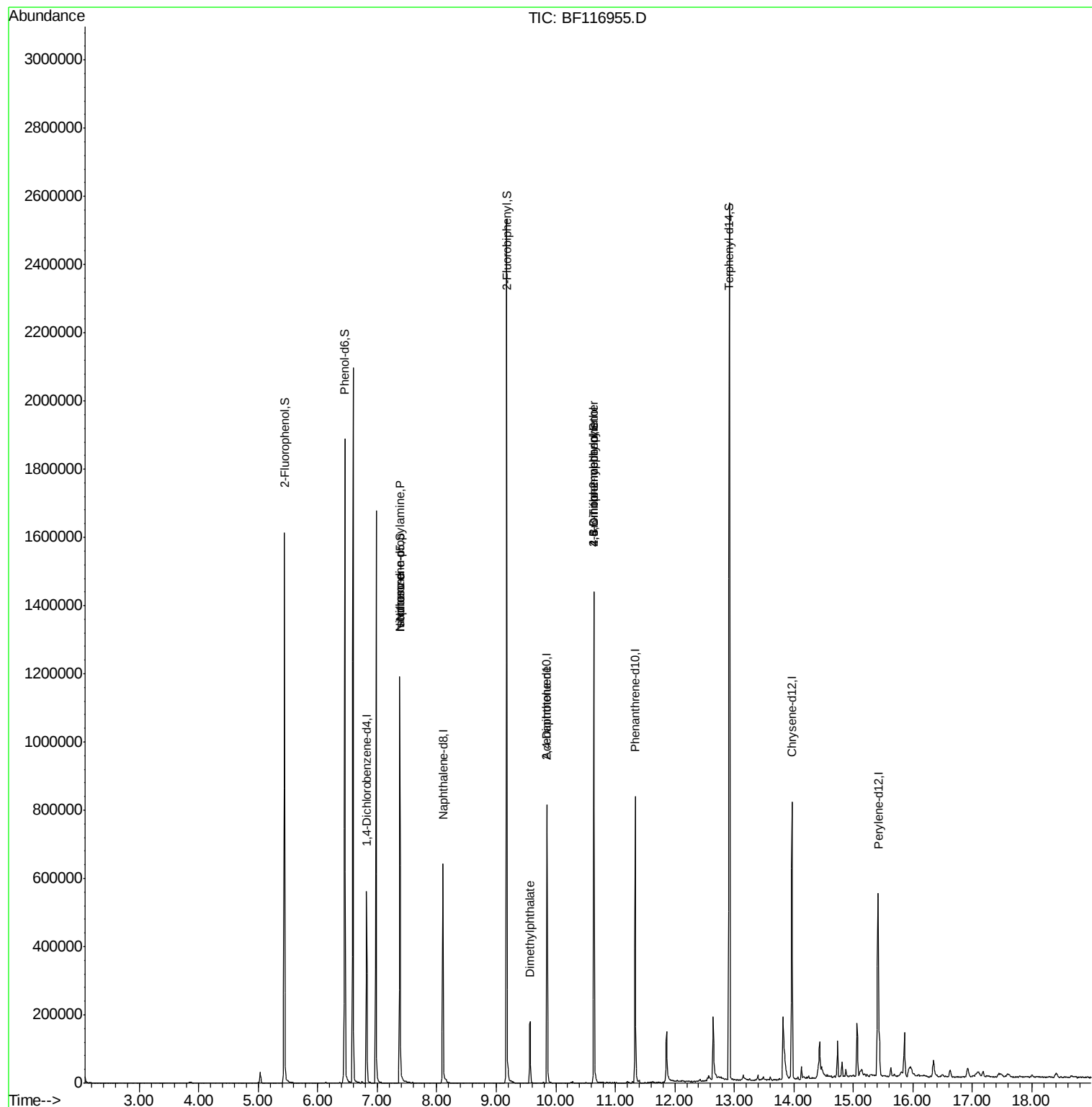
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81772	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	330768	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	176161	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	304726	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	255724	20.00	ng	-0.02
87) Perylene-d12	15.42	264	252277	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	503390	99.73	ng	0.00
7) Phenol-d6	6.46	99	670978	101.24	ng	-0.02
23) Nitrobenzene-d5	7.38	82	421937	72.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	150188	127.53	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	790302	75.68	ng	-0.02
79) Terphenyl-d14	12.92	244	874177	63.24	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	55542	12.727	ng	# 72
25) Isophorone	7.38	82	421932	35.937	ng	# 66
50) Dimethylphthalate	9.57	163	81875	6.732	ng	97
57) 2,4-Dinitrotoluene	9.85	165	21961	7.740	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.64	198	304	7.680	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	10197	3.294	ng	# 1

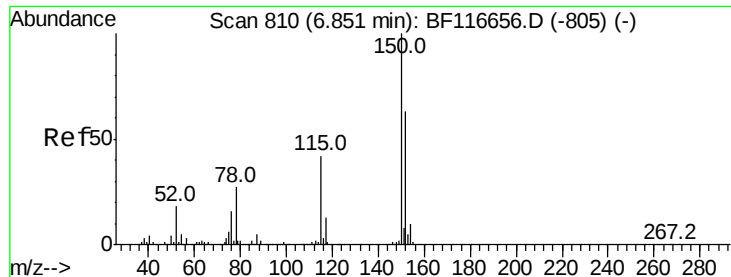
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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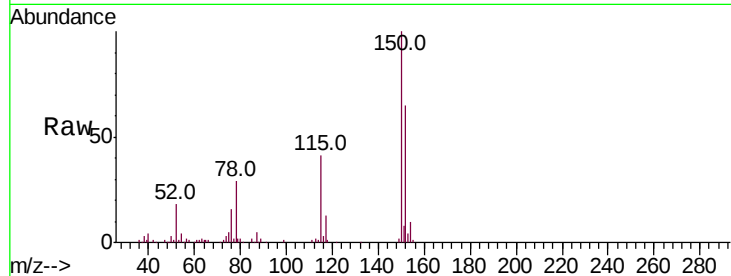


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116955.D
Acq: 11 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.4	186.6
115	62.8	49.9	74.9

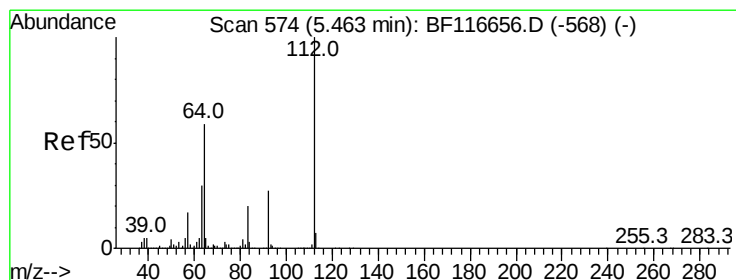
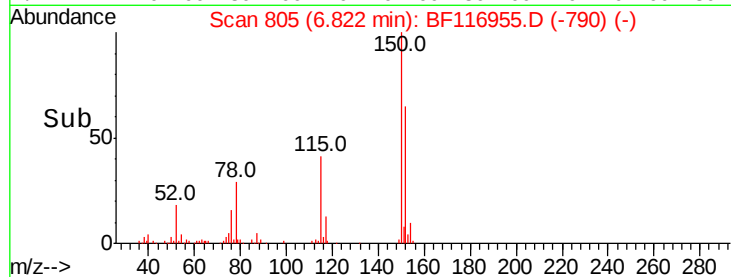
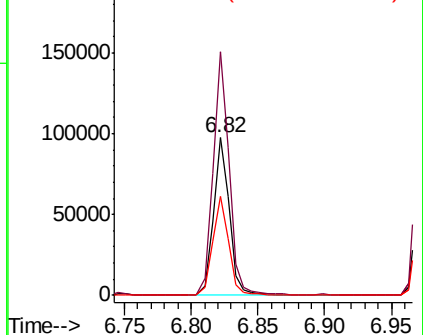


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

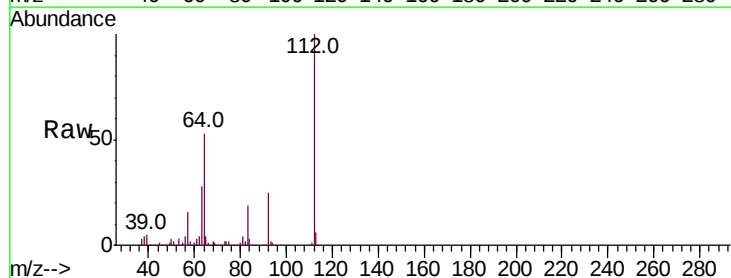
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.731 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF116955.D
Acq: 11 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.1	70.7
63	28.0	24.9	37.3

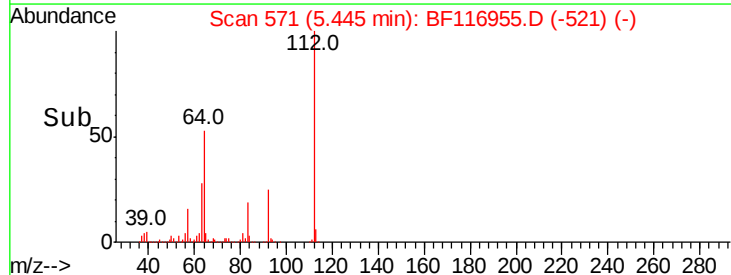
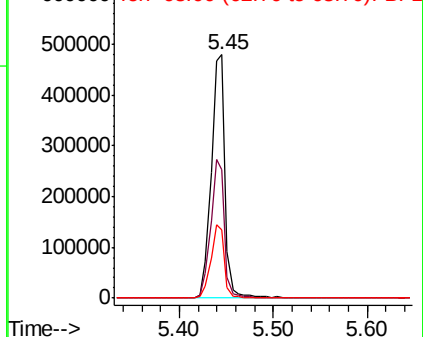


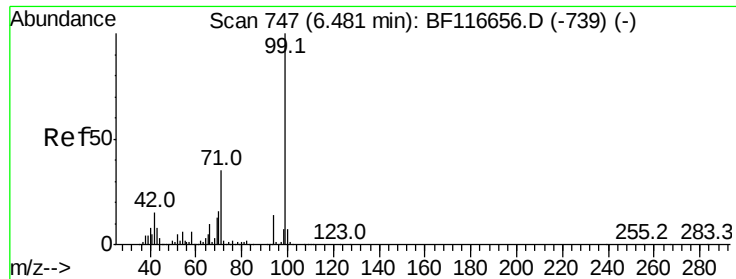
Abundance

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: 101.235 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

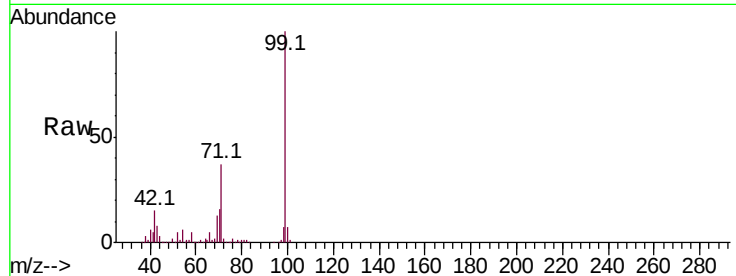
Tot Ion: 99 Resp: 670978

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

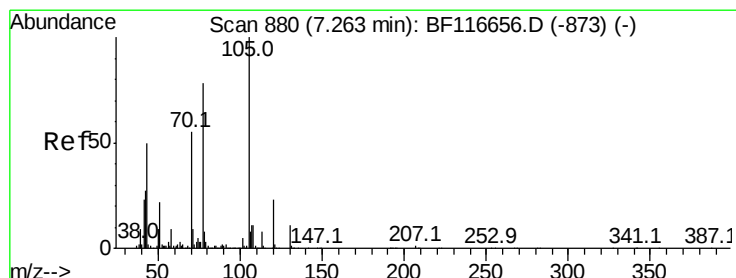
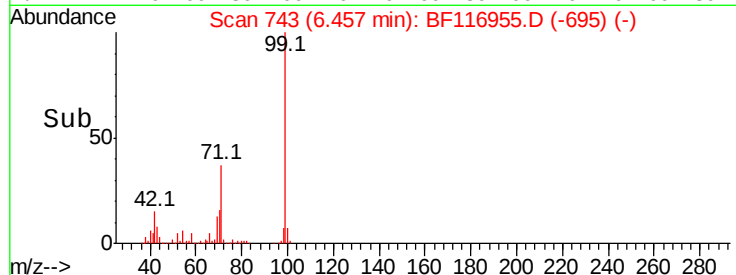
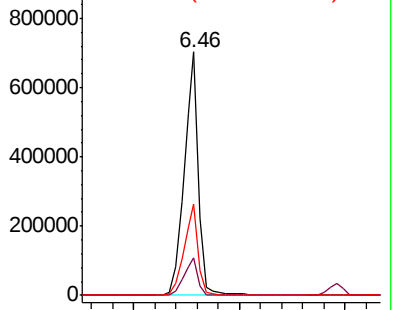
71 37.3 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.727 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

Tgt Ion: 70 Resp: 55542

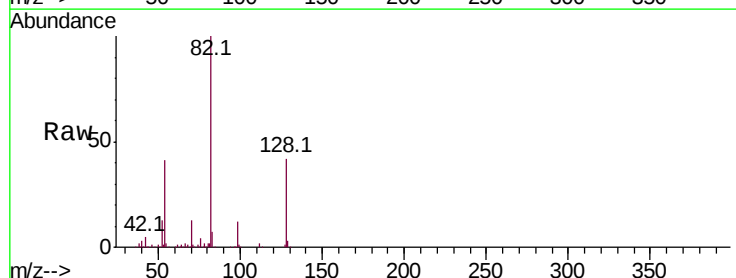
Ion Ratio Lower Upper

70 100

42 37.6 43.5 65.3#

101 0.0 7.8 11.6#

130 2.2 16.6 24.8#

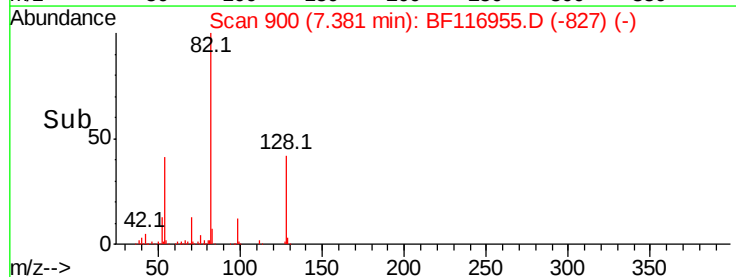
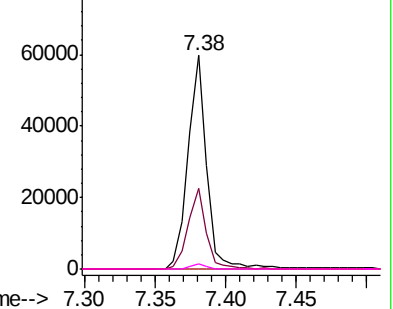


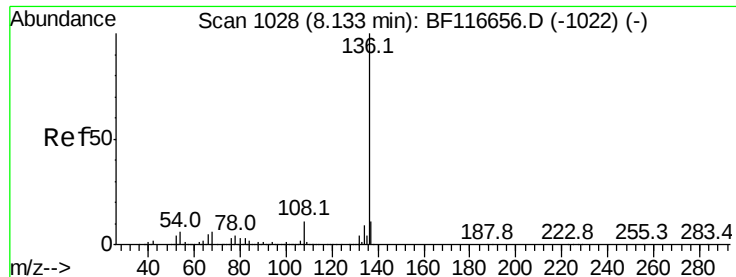
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

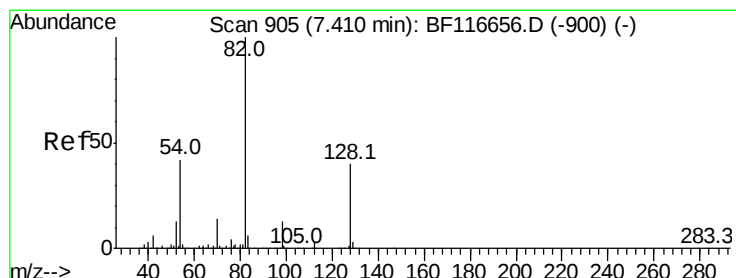
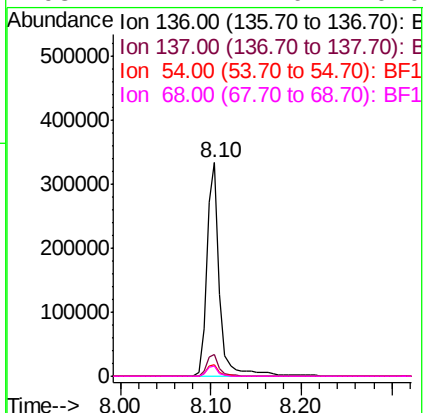
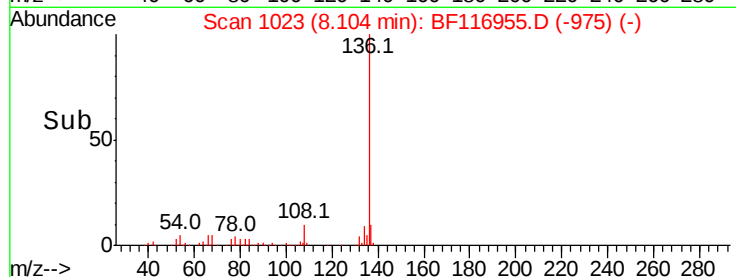
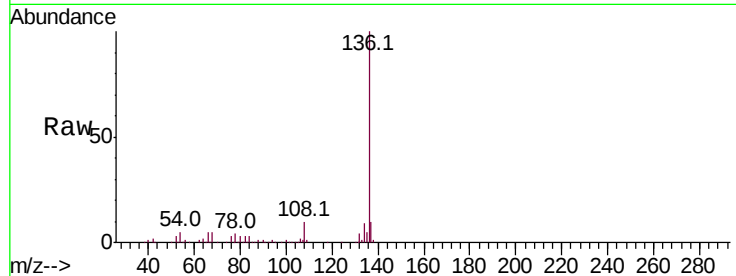




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116955.D
Acq: 11 Sep 2019 19:21

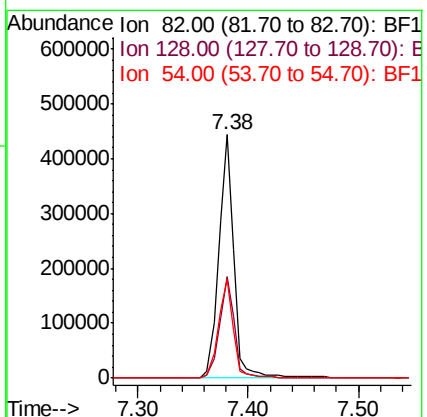
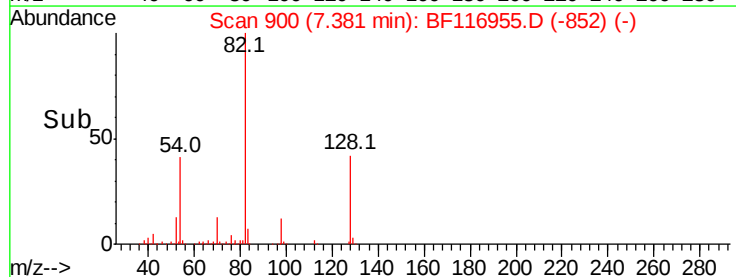
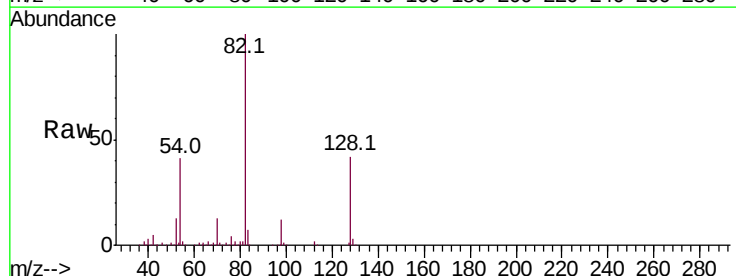
Instrument :
BNA_F
ClientSampled :

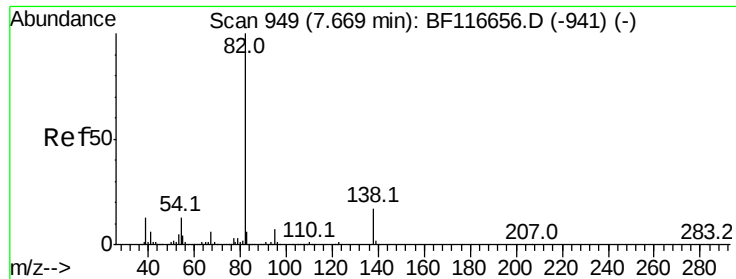
Tot Ion:136	Resp:	330768
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 5.2	4.8	7.2
68 4.7	4.0	6.0



#23
Nitrobenzene-d5
Concen: 72.822 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF116955.D
Acq: 11 Sep 2019 19:21

Tgt Ion: 82	Resp:	421937
Ion Ratio	Lower	Upper
82 100		
128 41.8	32.8	49.2
54 40.8	36.9	55.3





#25

Isophorone

Concen: 35.937 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

Instrument :

BNA_F

ClientSampled :

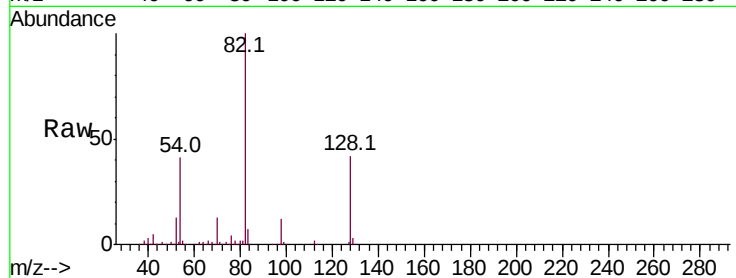
Tot Ion: 82 Resp: 421932

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

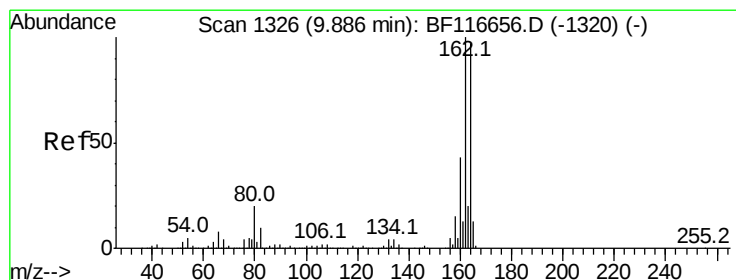
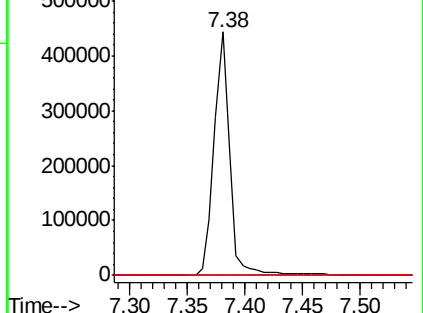
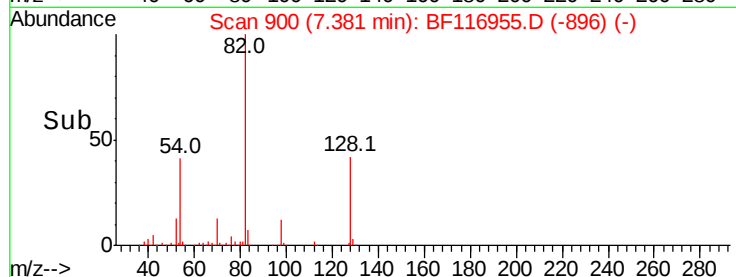
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

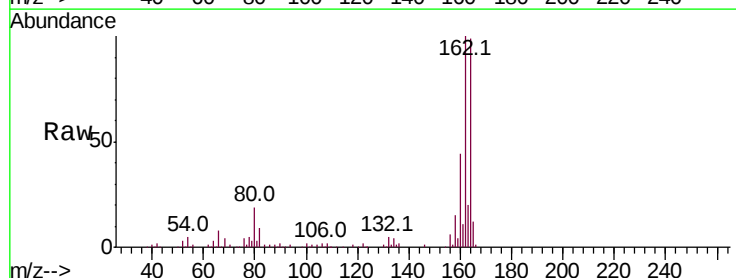
Tgt Ion: 164 Resp: 176161

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

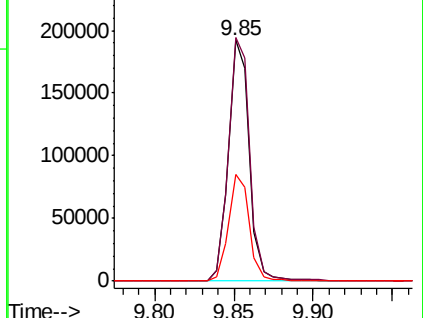
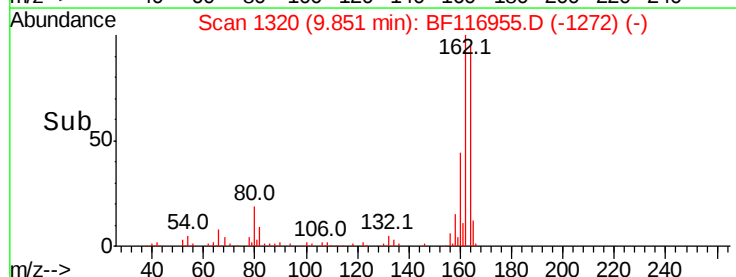
160 44.2 35.4 53.2

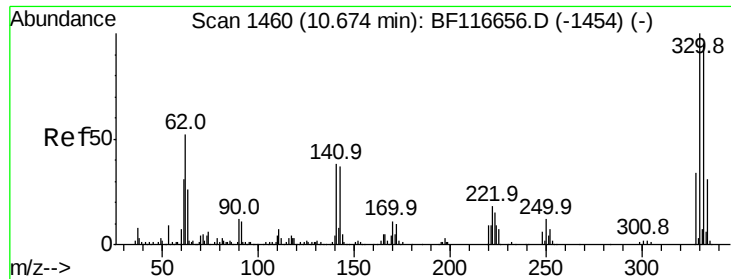


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

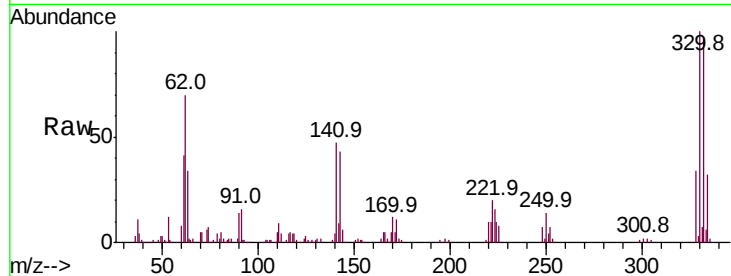




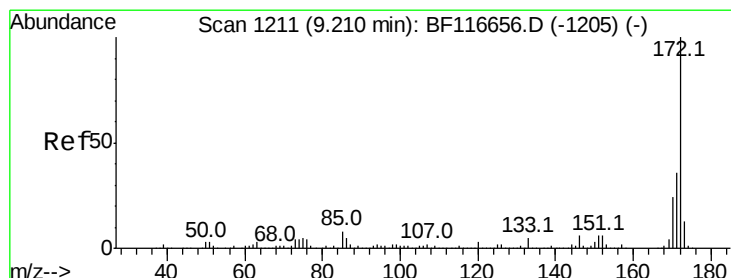
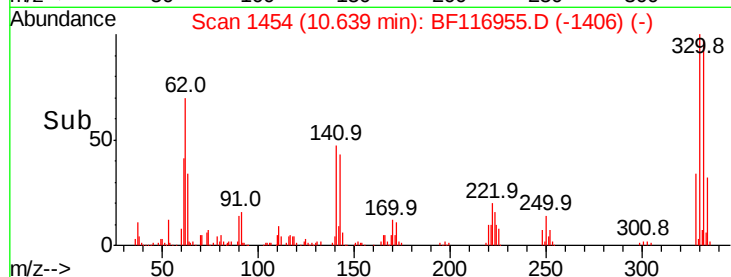
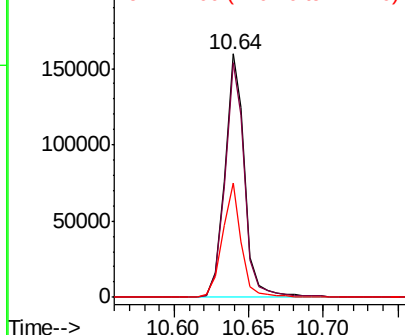
#42
 2,4,6-Tribromophenol
 Concen: 127.529 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116955.D
 Acq: 11 Sep 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	44.6	31.4	47.2

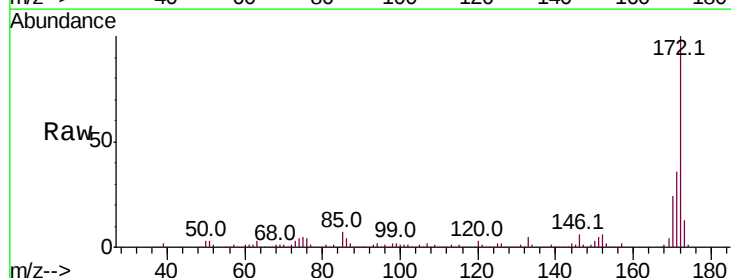


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

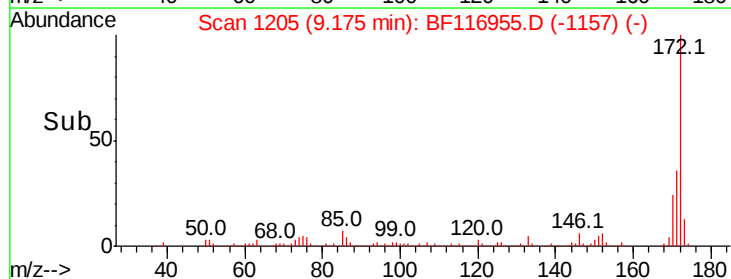
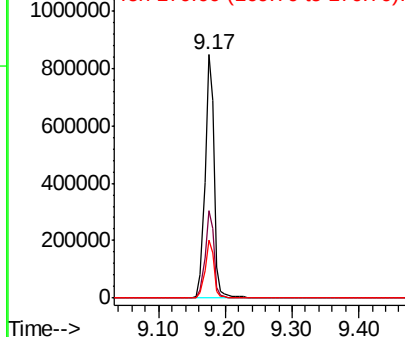


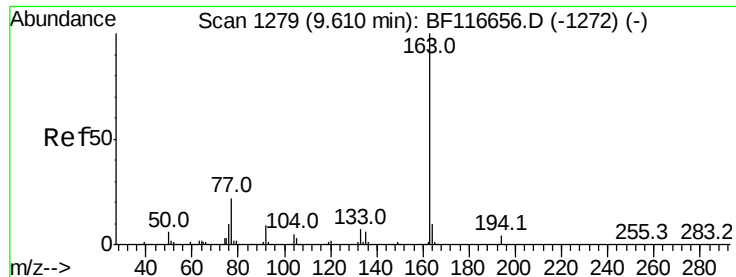
#45
 2-Fluorobiphenyl
 Concen: 75.678 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116955.D
 Acq: 11 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.8	18.9	28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

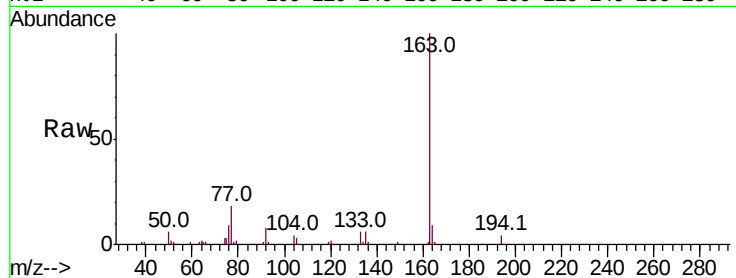




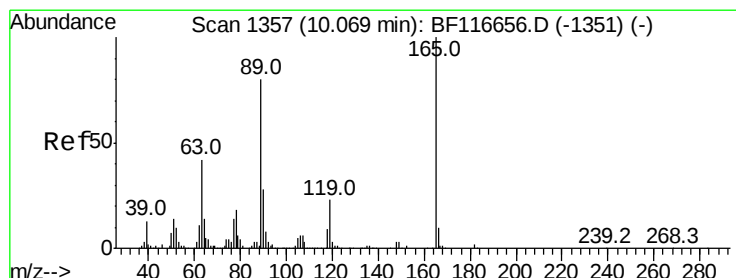
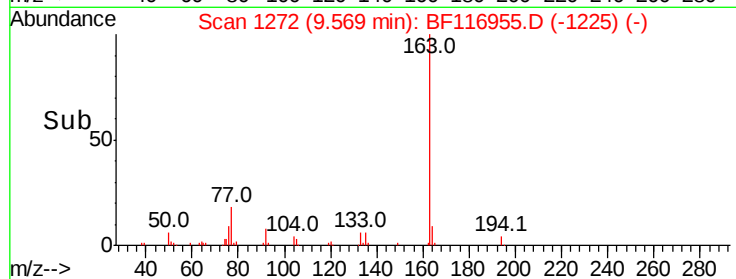
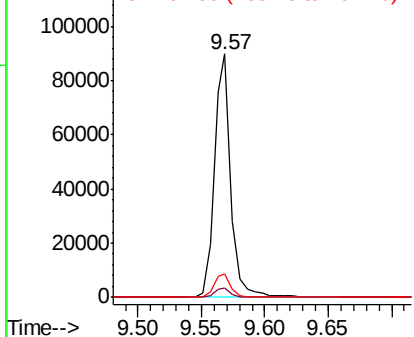
#50
Dimethylphthalate
Concen: 6.732 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF116955.D
Acq: 11 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.5	8.6	12.8

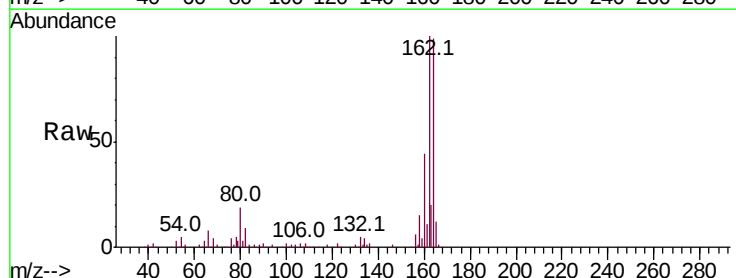


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

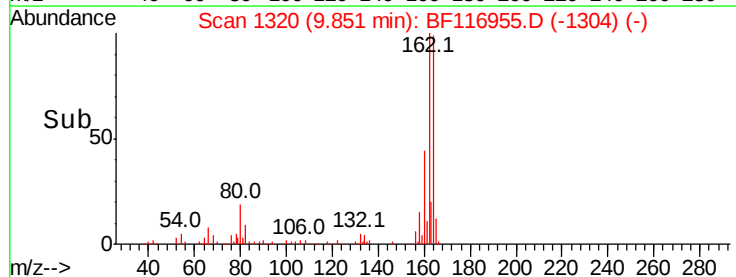
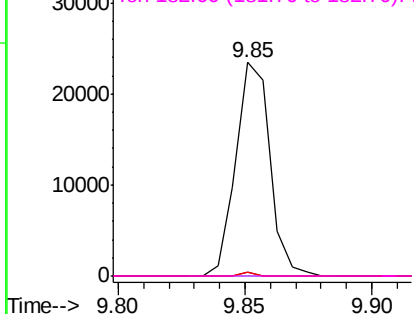


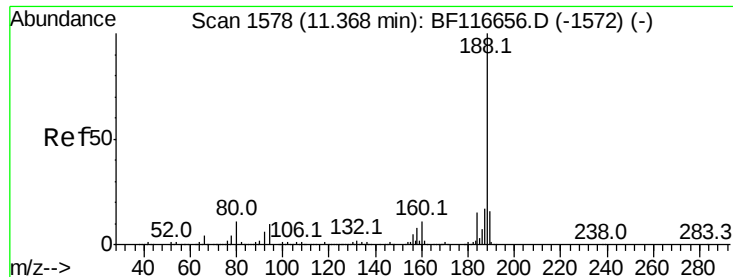
#57
2,4-Dinitrotoluene
Concen: 7.740 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF116955.D
Acq: 11 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	62.6	94.0#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

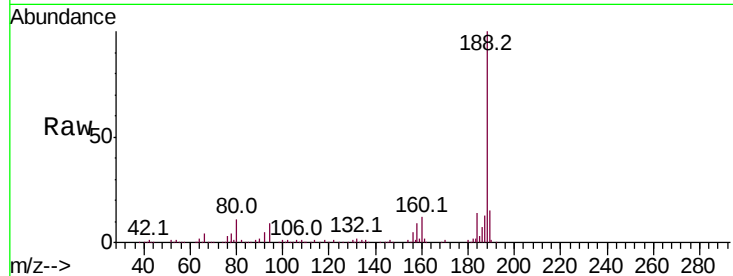
Tot Ion:188 Resp: 304726

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

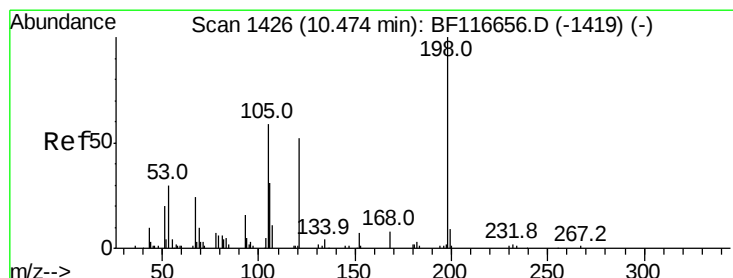
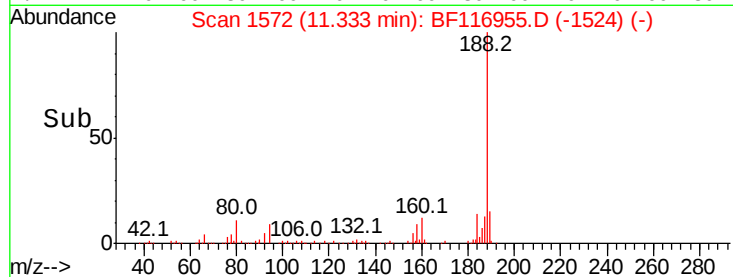
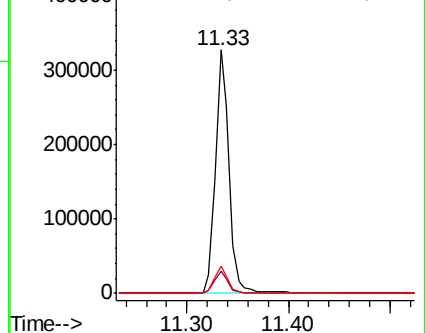
80 11.1 8.4 12.6



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: 7.680 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.17 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

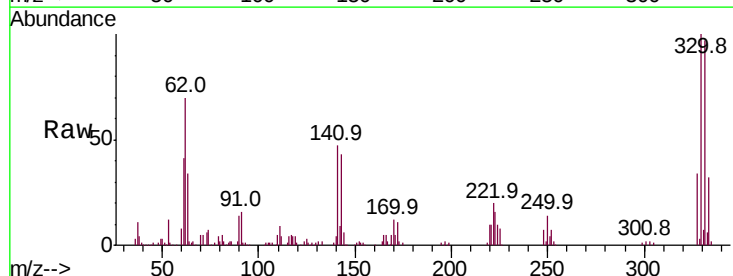
Tgt Ion:198 Resp: 304

Ion Ratio Lower Upper

198 100

51 149.5 18.4 58.4#

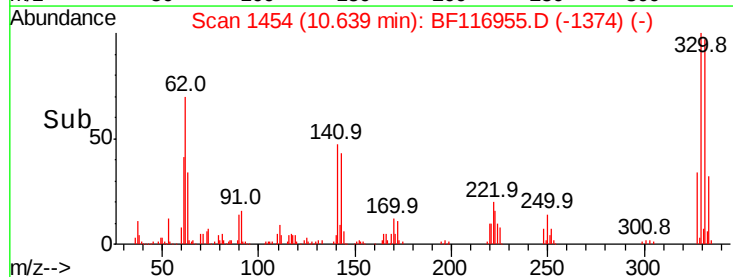
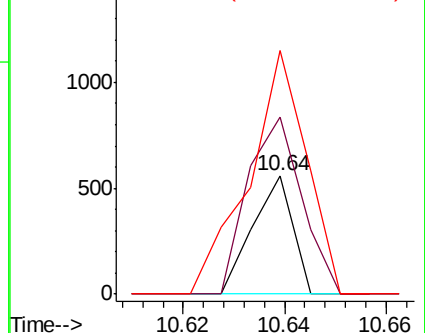
105 205.2 22.9 62.9#

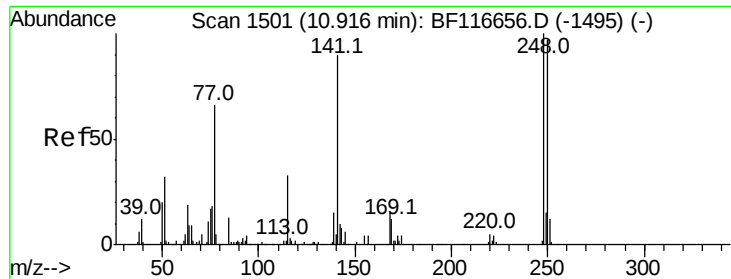


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.294 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.26 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

Instrument :

BNA_F

ClientSampled :

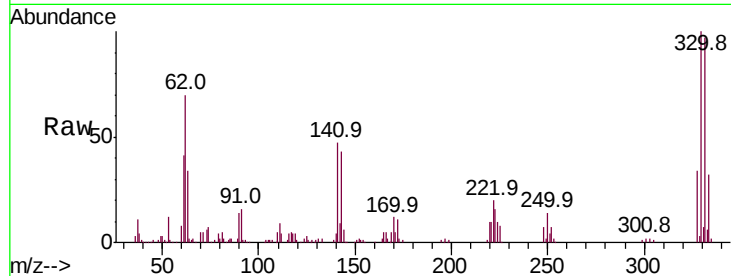
Tot Ion:248 Resp: 10197

Ion Ratio Lower Upper

248 100

250 183.0 77.8 116.8#

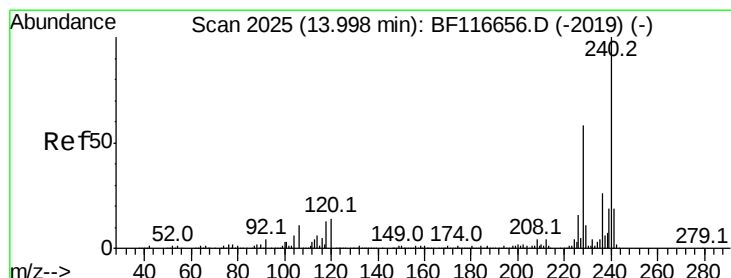
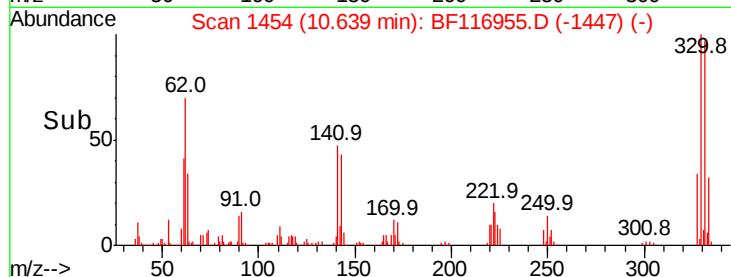
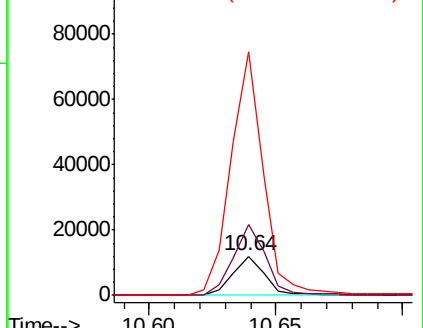
141 624.7 75.9 113.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF116955.D

Acq: 11 Sep 2019 19:21

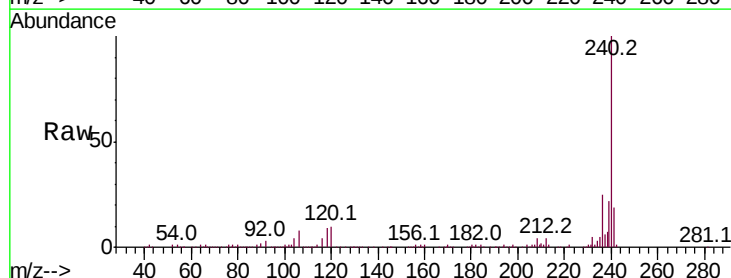
Tgt Ion:240 Resp: 255724

Ion Ratio Lower Upper

240 100

120 10.1 9.1 13.7

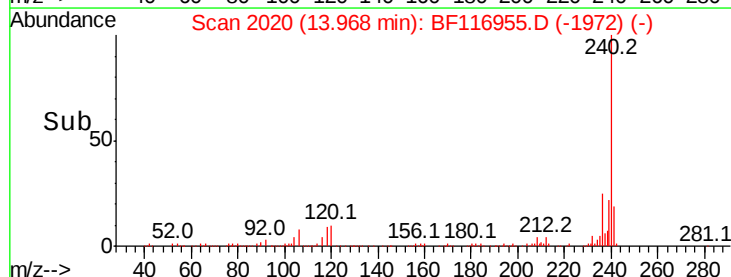
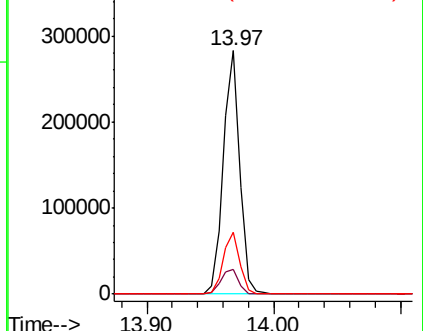
236 25.5 21.1 31.7

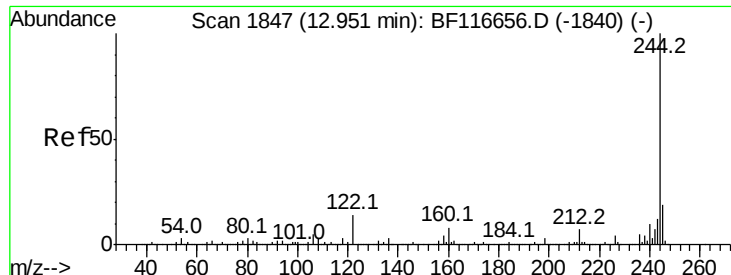


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

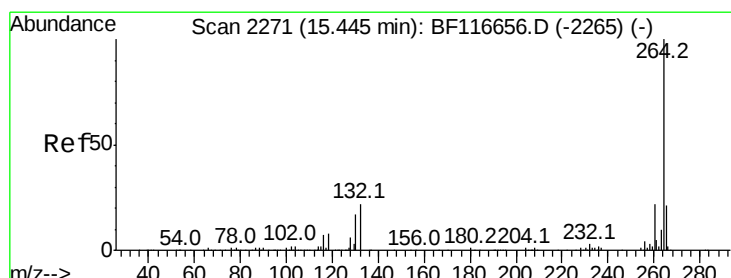
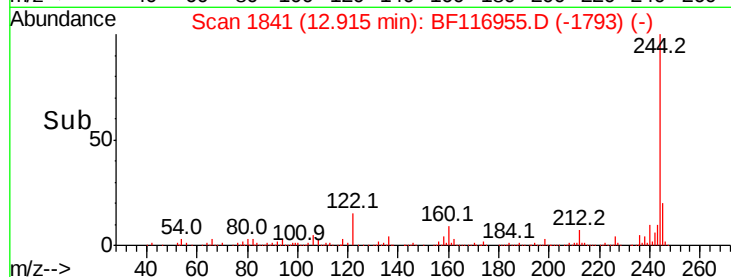
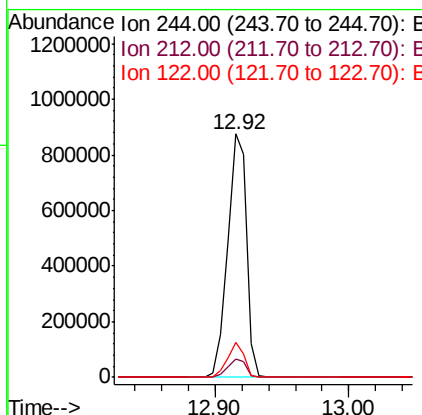
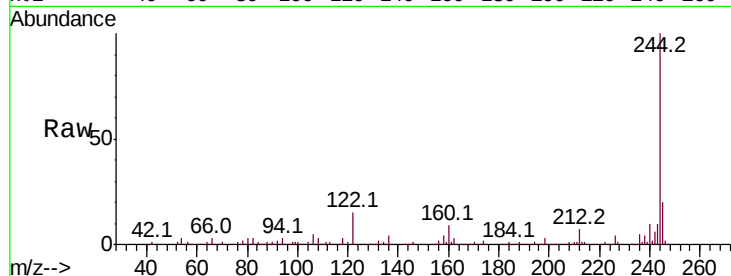




#79
 Terphenyl-d14
 Concen: 63.239 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF116955.D
 Acq: 11 Sep 2019 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 874177
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 14.6 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116955.D
 Acq: 11 Sep 2019 19:21

Tgt Ion:264 Resp: 252277
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 21.7 16.5 24.7

