

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116698.D
 Acq On : 31 Aug 2019 14:44
 Operator : HP/JU
 Sample : K4646-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019

Quant Time: Aug 31 16:04:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112813	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	445181	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	224921	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	354193	20.00	ng	0.00
76) Chrysene-d12	13.99	240	197597	20.00	ng	-0.01
87) Perylene-d12	15.44	264	245715	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	590985	84.87	ng	0.00
7) Phenol-d6	6.47	99	808082	88.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	496382	63.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	141544	94.13	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	803390	60.25	ng	0.00
79) Terphenyl-d14	12.94	244	670205	62.75	ng	-0.01

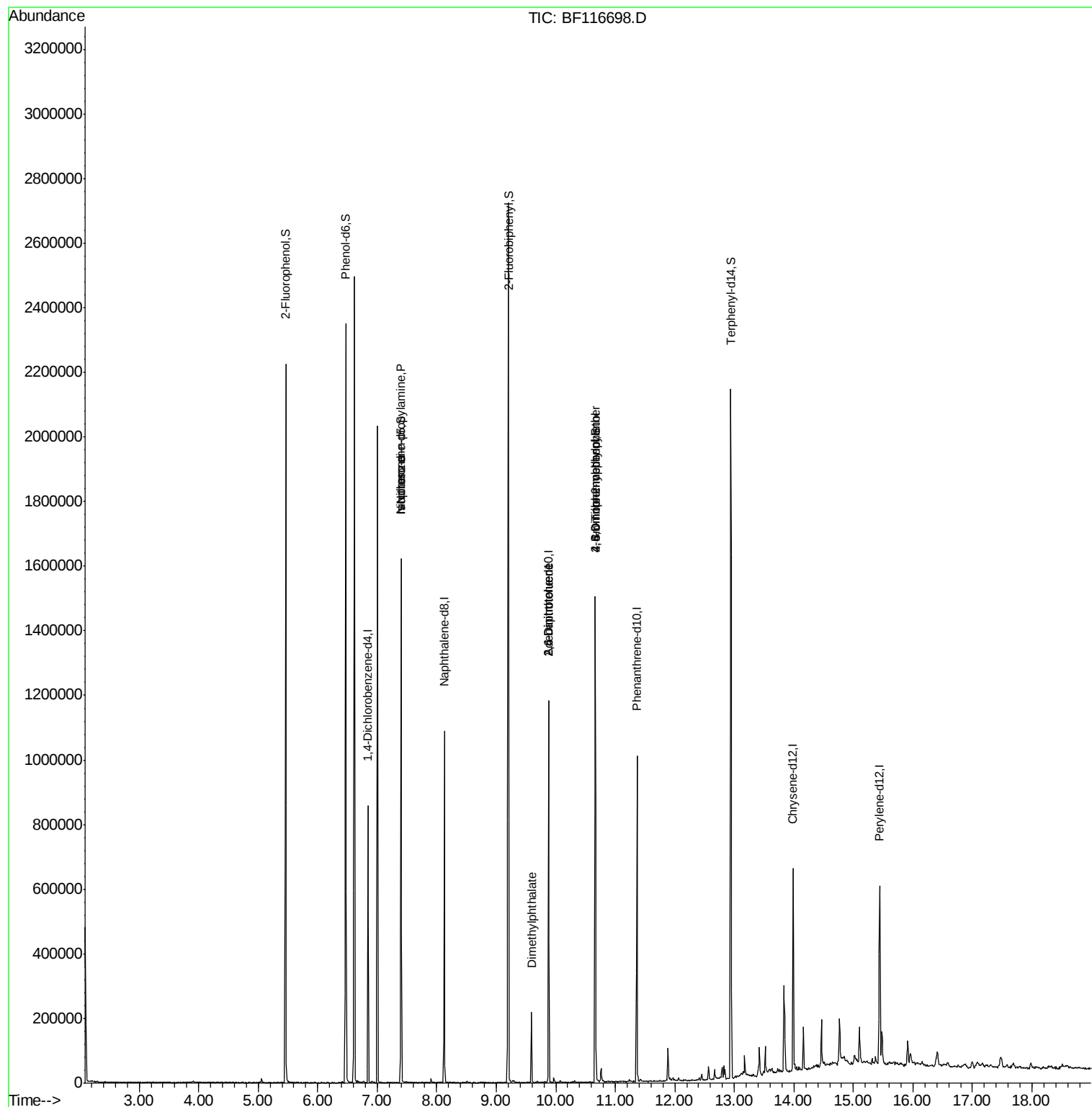
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	65051	10.805	ng	# 72
25) Isophorone	7.40	82	496378	31.413	ng	# 66
50) Dimethylphthalate	9.59	163	78368	5.047	ng	# 96
51) 2,6-Dinitrotoluene	9.88	165	29284	9.884	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	29284	8.083	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	279	7.632	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	9596	2.667	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: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

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BNA_F

ClientSampleId :

S602A-M-1.0-1.5-083019

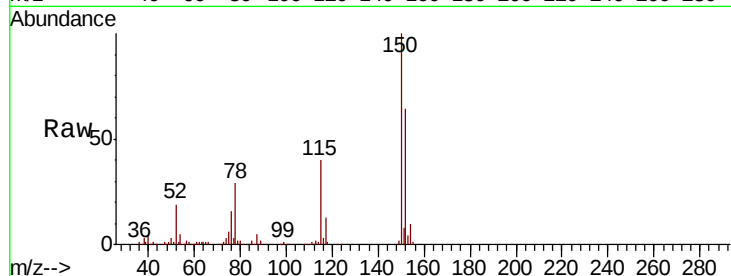
Tot Ion:152 Resp: 112813

Ion Ratio Lower Upper

152 100

150 157.0 124.4 186.6

115 63.3 49.9 74.9

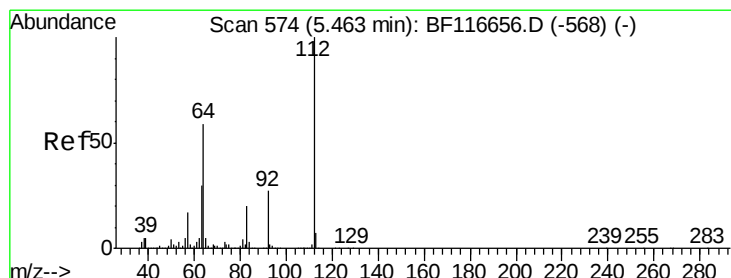
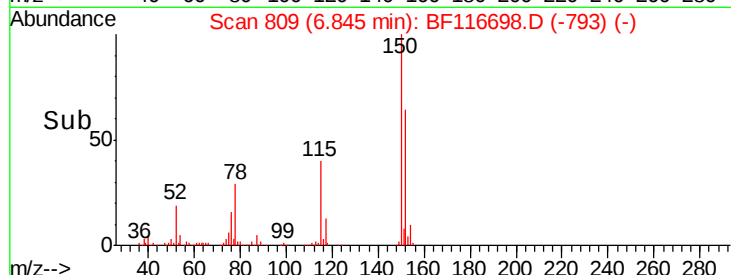
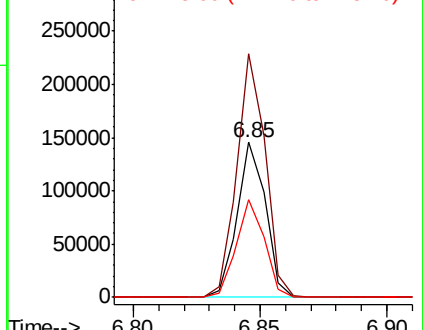


Abundance

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: 84.869 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

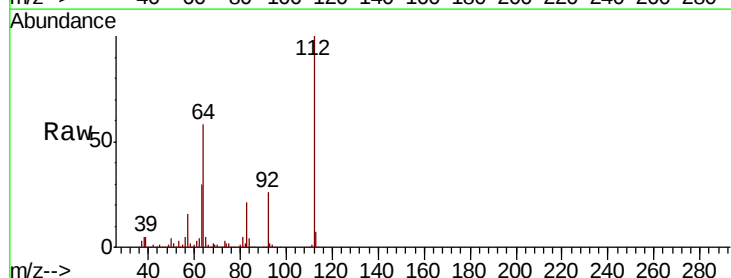
Tgt Ion:112 Resp: 590985

Ion Ratio Lower Upper

112 100

64 58.3 47.1 70.7

63 30.2 24.9 37.3

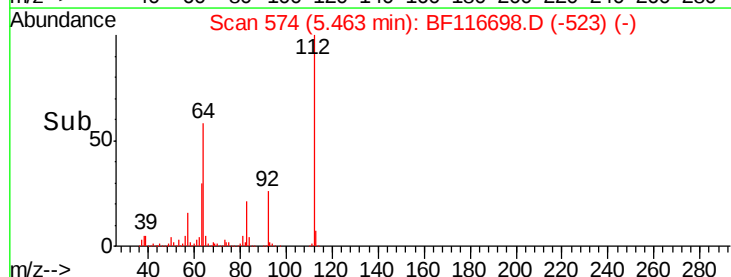
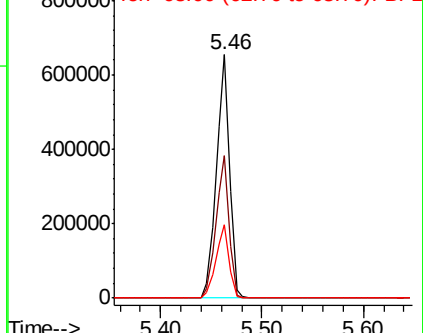


Abundance

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: 88.374 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Instrument :

BNA_F

ClientSampleId :

S602A-M-1.0-1.5-083019

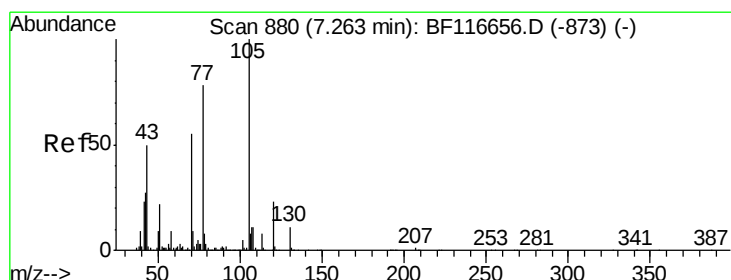
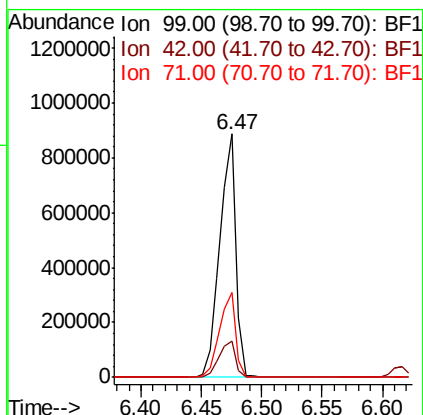
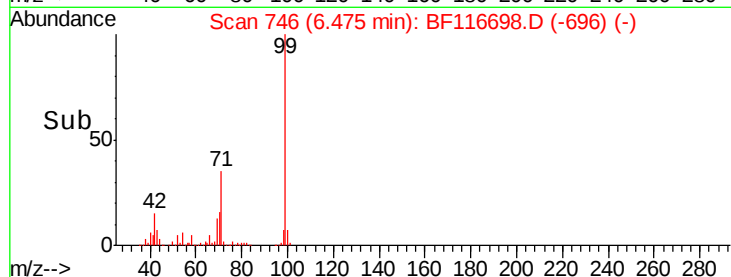
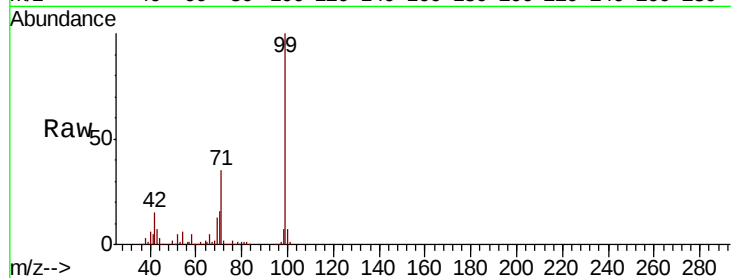
Tot Ion: 99 Resp: 808082

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

71 35.0 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.805 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Tgt Ion: 70 Resp: 65051

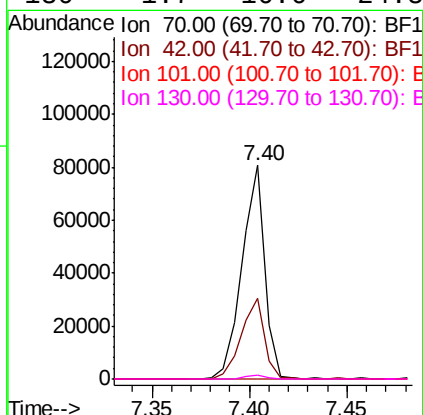
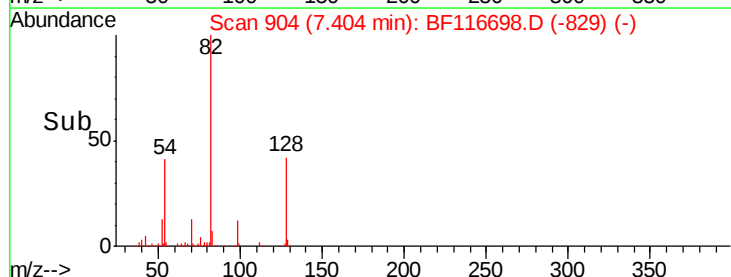
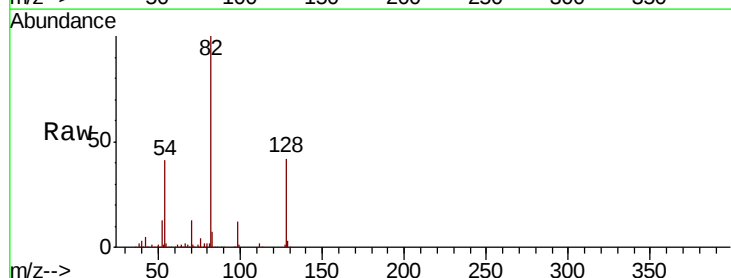
Ion Ratio Lower Upper

70 100

42 37.5 43.5 65.3#

101 0.0 7.8 11.6#

130 1.7 16.6 24.8#

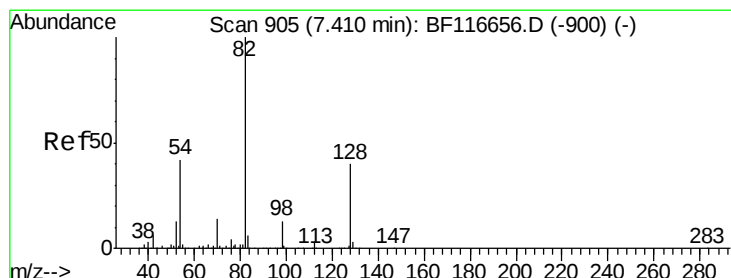
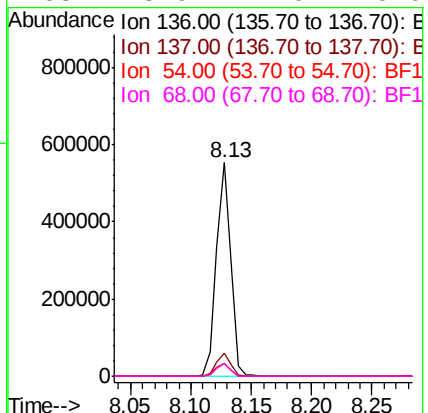
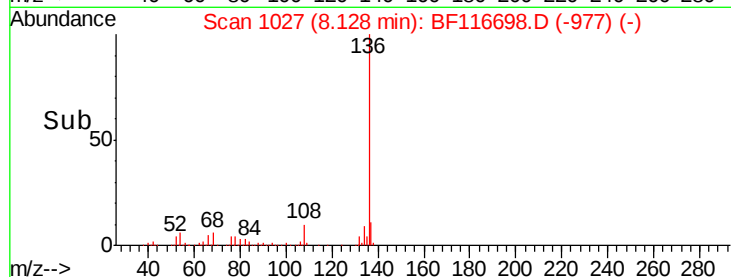
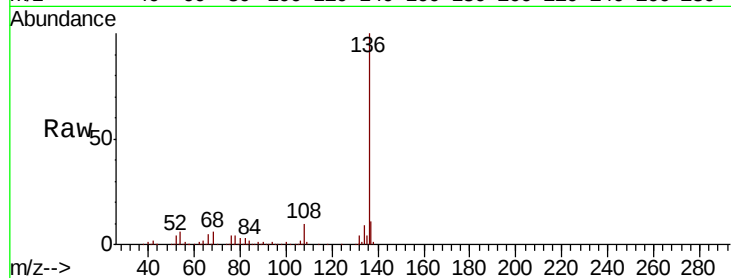




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

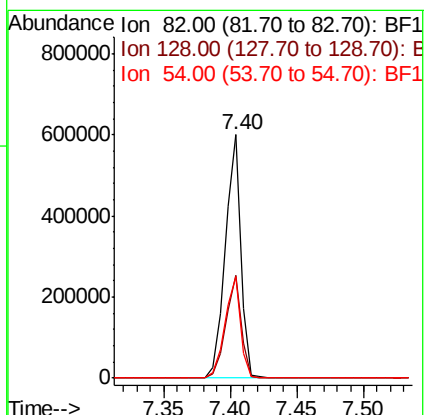
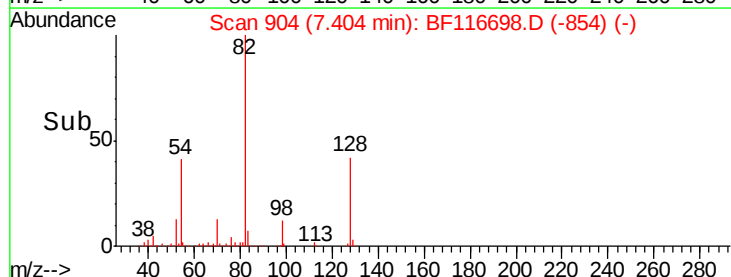
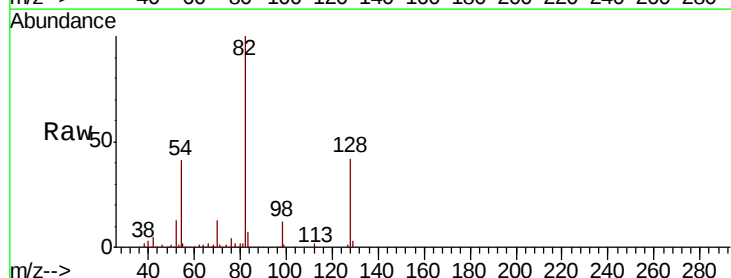
Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

Tot Ion:136	Resp:	445181
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 6.0	4.8	7.2
68 5.9	4.0	6.0



#23
Nitrobenzene-d5
Concen: 63.653 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Tgt Ion: 82	Resp: 496382
Ion Ratio	Lower Upper
82 100	
128 42.0	32.8 49.2
54 41.5	36.9 55.3





#25

Isophorone

Concen: 31.413 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Instrument :

BNA_F

ClientSampleId :

S602A-M-1.0-1.5-083019

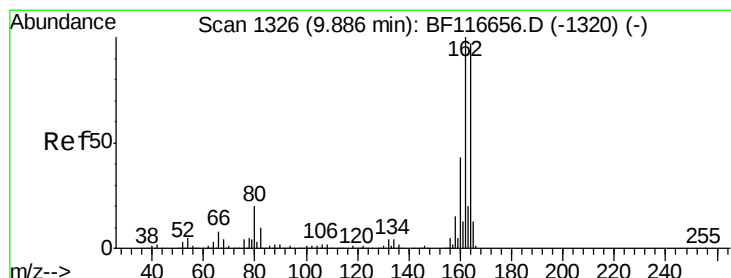
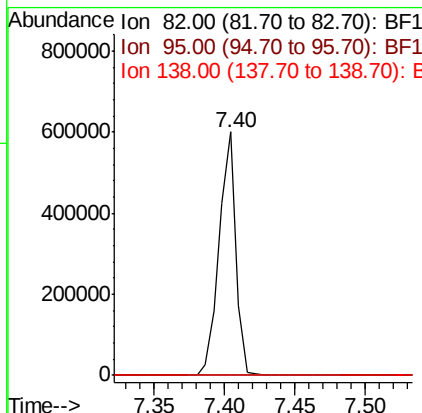
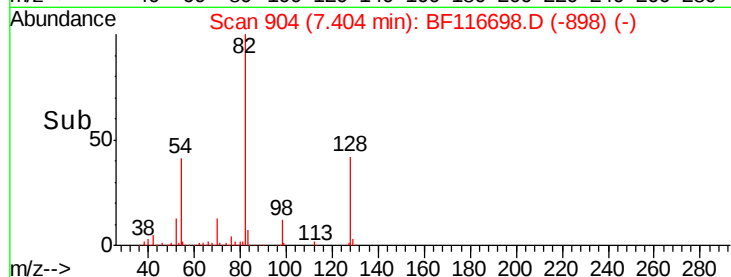
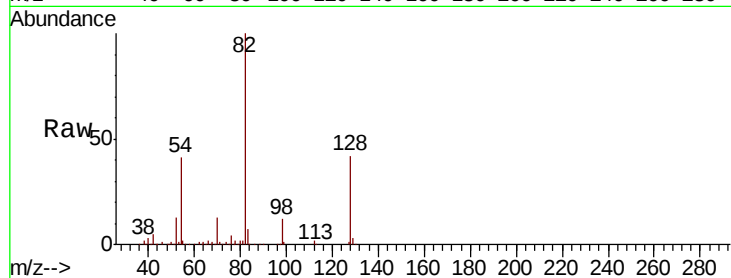
Tot Ion: 82 Resp: 496378

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

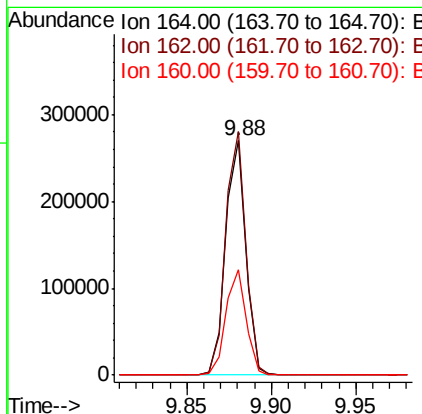
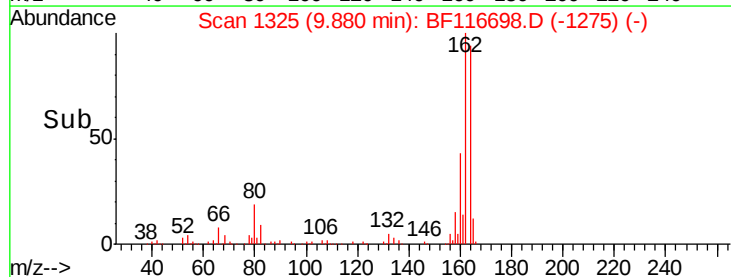
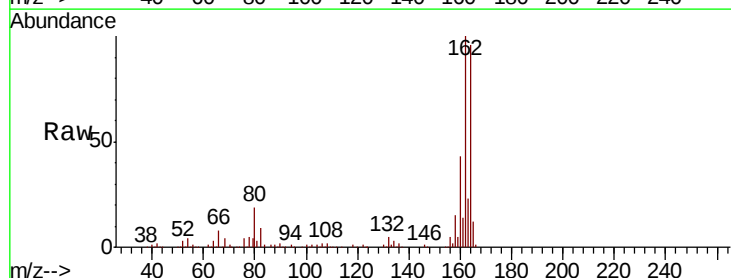
Tgt Ion:164 Resp: 224921

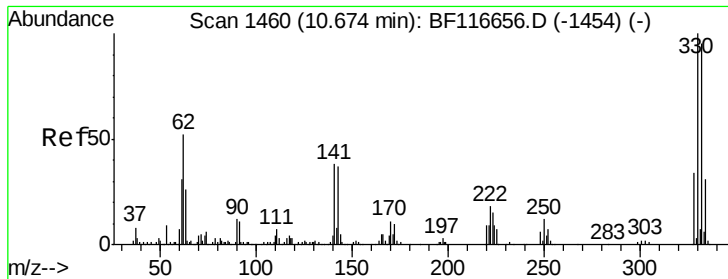
Ion Ratio Lower Upper

164 100

162 104.0 81.4 122.0

160 44.8 35.4 53.2

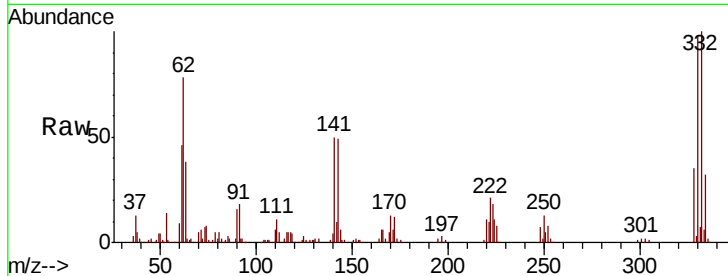




#42
 2,4,6-Tribromophenol
 Concen: 94.134 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	45.1	31.4	47.2

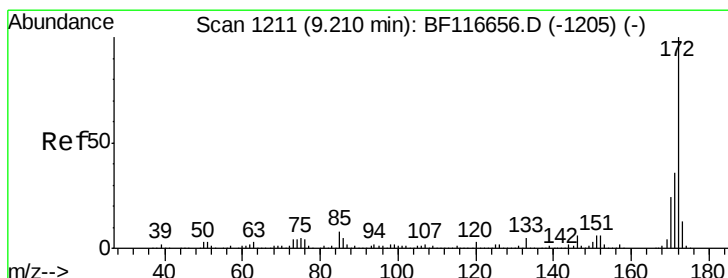
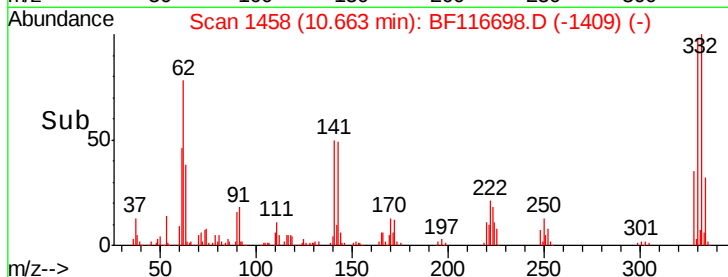
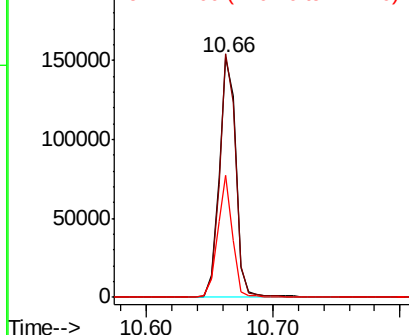


Abundance

Ion 329.80 (329.50 to 330.50): E

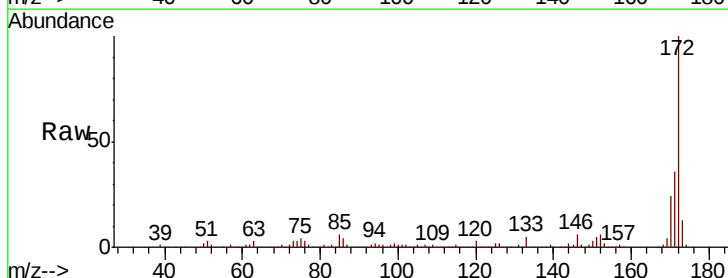
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.254 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.7	18.9	28.3

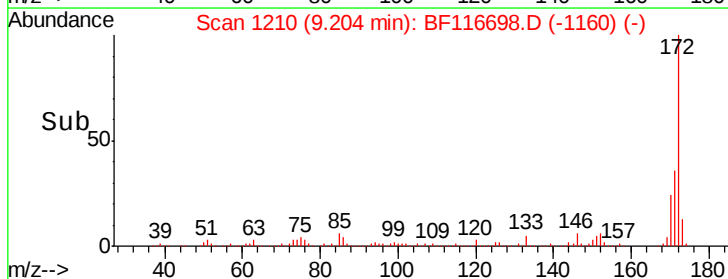
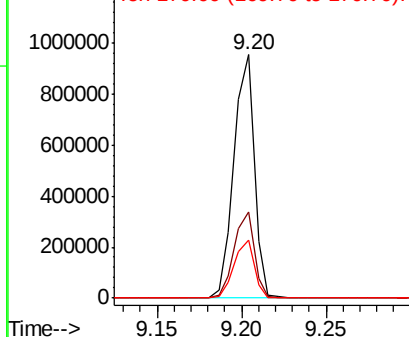


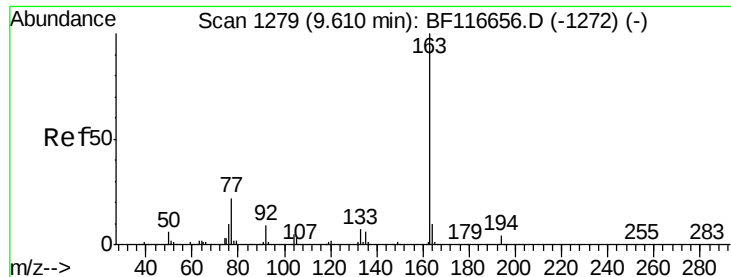
Abundance

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

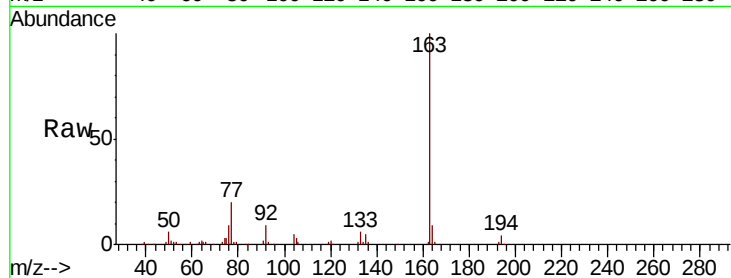




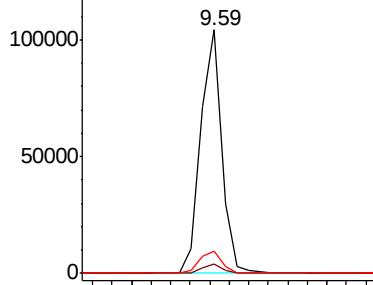
#50
Dimethylphthalate
Concen: 5.047 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

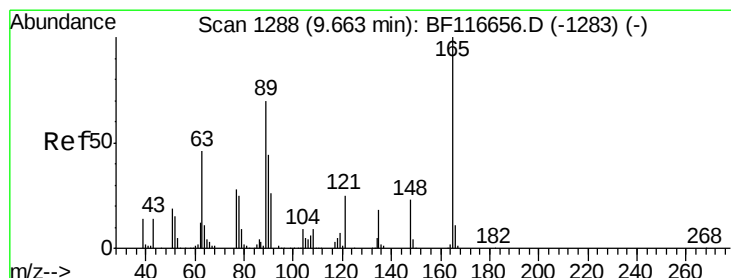
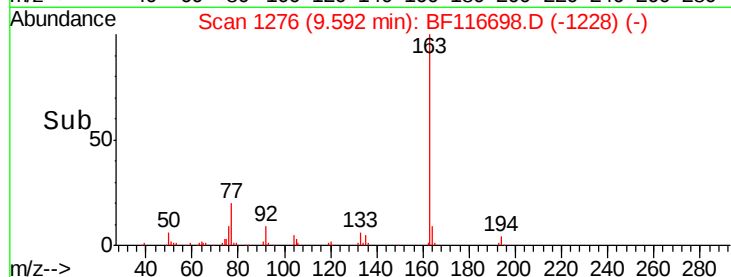
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	8.9	8.6	12.8



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

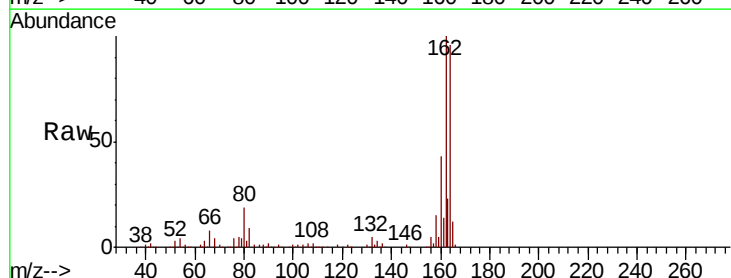


Time-->

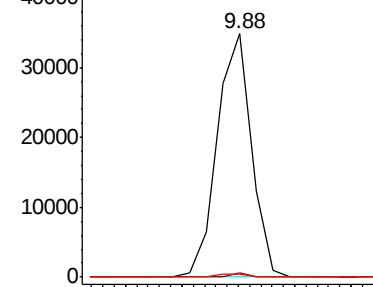


#51
2,6-Dinitrotoluene
Concen: 9.884 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

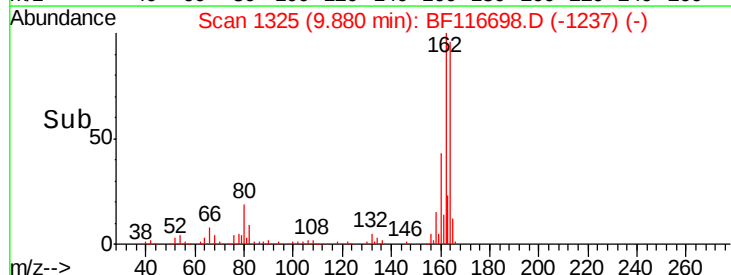
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.3	70.9#
89	1.3	52.5	78.7#



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



Time-->

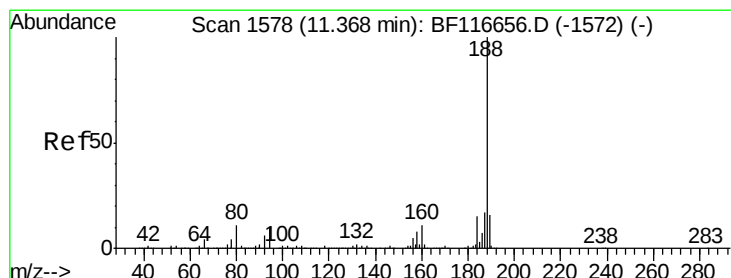
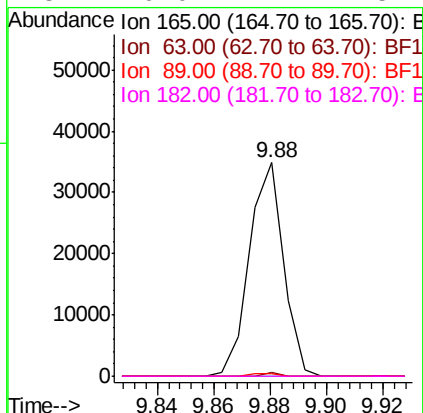
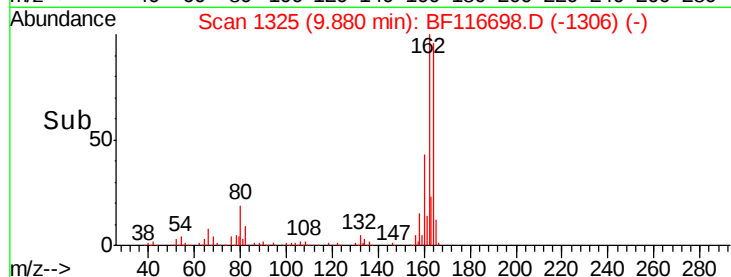
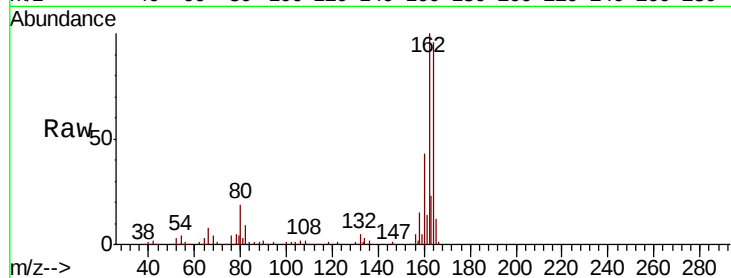




#57
 2,4-Dinitrotoluene
 Concen: 8.083 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

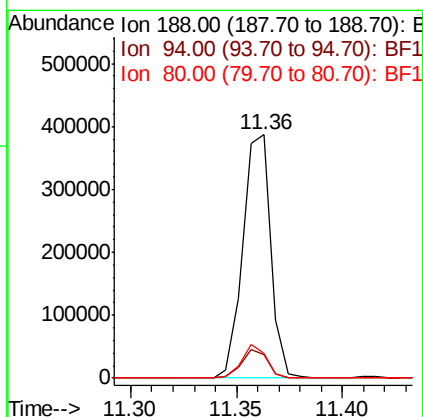
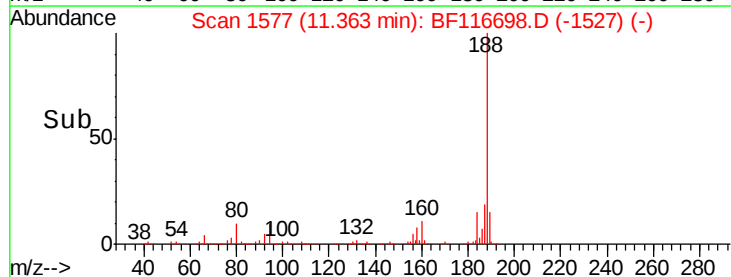
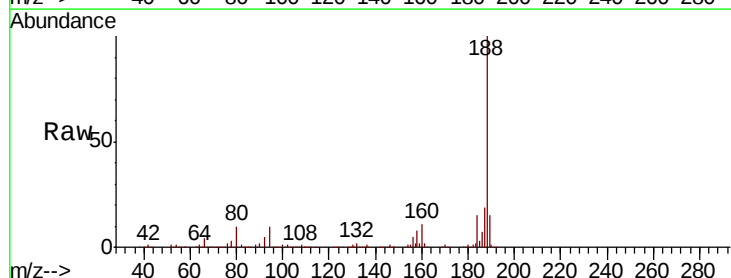
Instrument :
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 S602A-M-1.0-1.5-083019

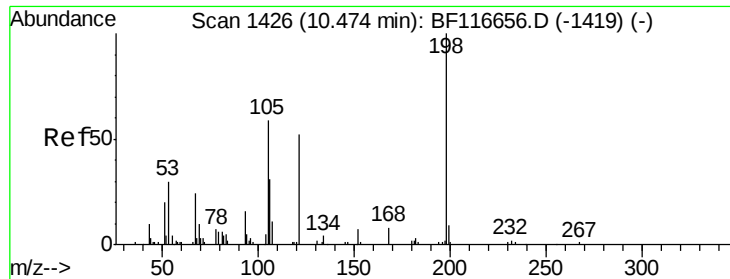
Tot Ion:	165	Resp:	29284
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	1.3	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

Tgt Ion:	188	Resp:	354193
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.3	10.9
80	10.4	8.4	12.6

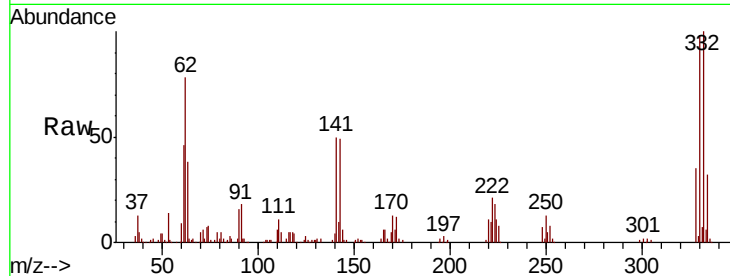




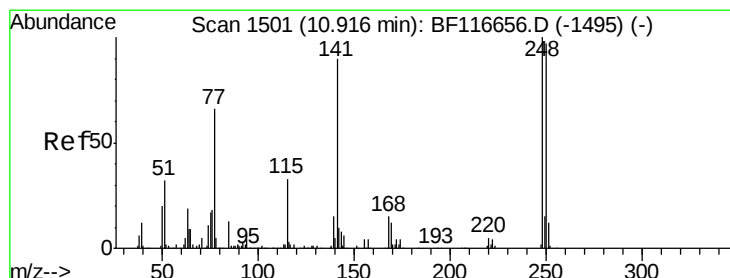
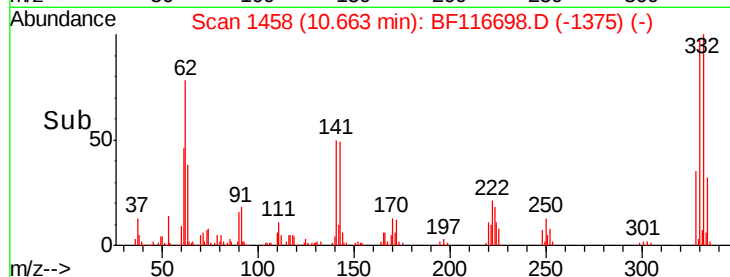
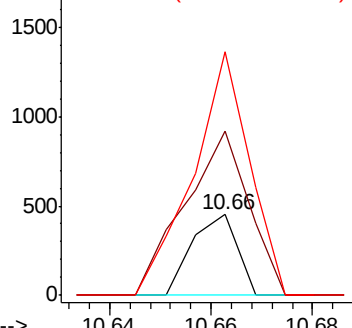
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.632 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.19 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019

Tot Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 203.3 18.4 58.4#
 105 302.2 22.9 62.9#

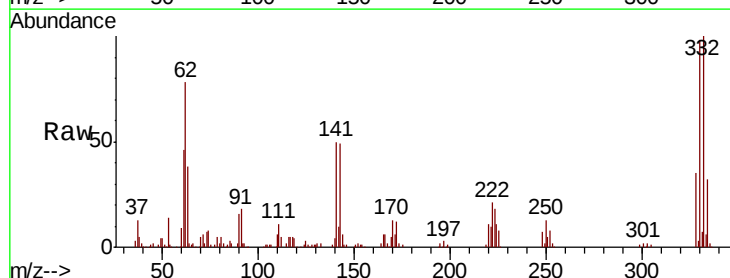


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

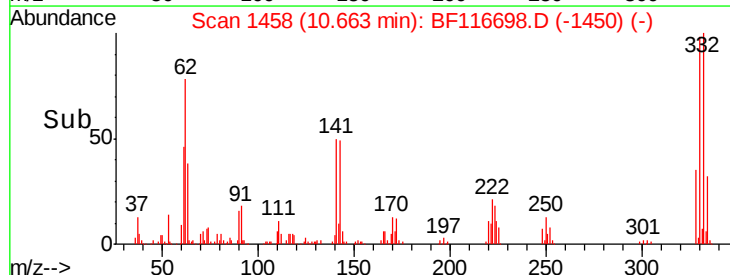
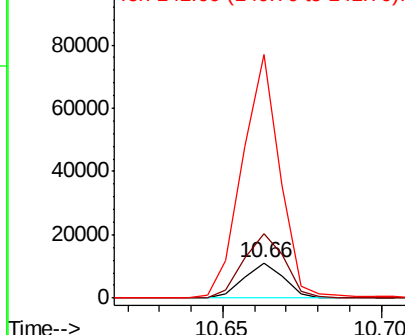


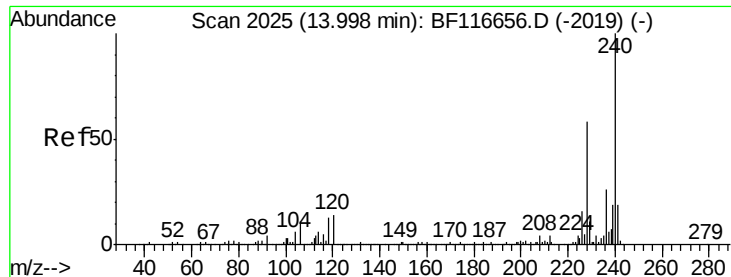
#67
 4-Bromophenyl-phenylether
 Concen: 2.667 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

Tgt Ion:248 Resp: 9596
 Ion Ratio Lower Upper
 248 100
 250 182.2 77.8 116.8#
 141 687.1 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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Instrument :

BNA_F

ClientSampleId :

S602A-M-1.0-1.5-083019

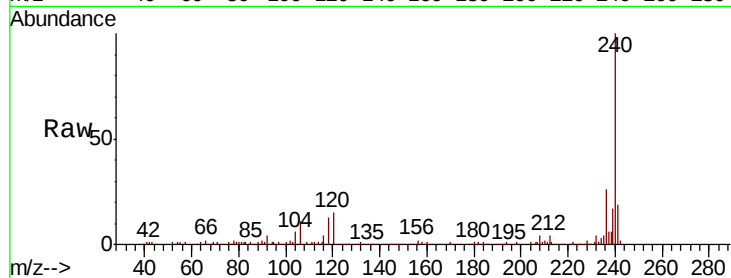
Tot Ion:240 Resp: 197597

Ion Ratio Lower Upper

240 100

120 14.8 9.1 13.7#

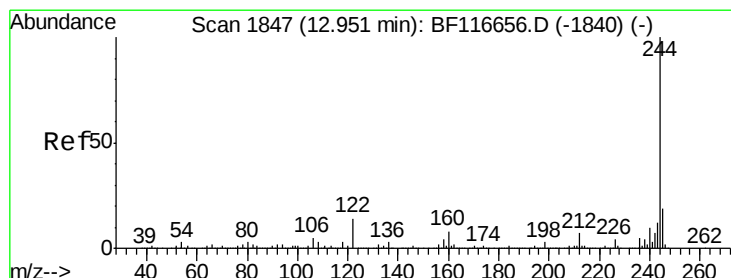
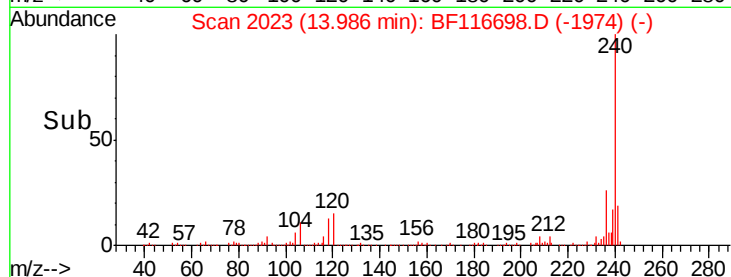
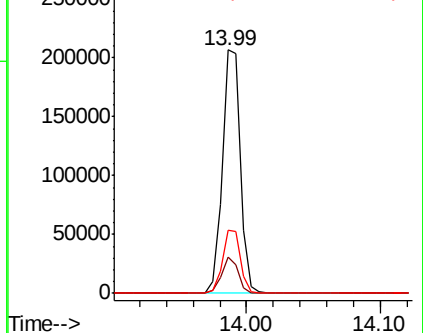
236 26.2 21.1 31.7



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: 62.746 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

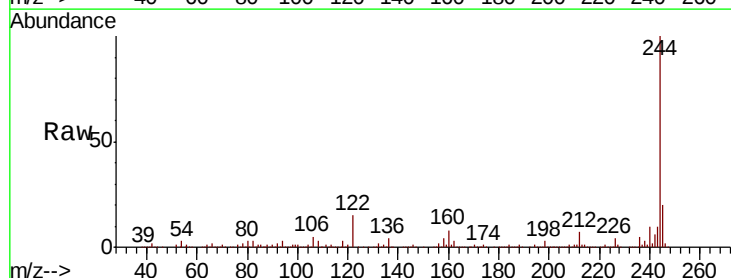
Tgt Ion:244 Resp: 670205

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

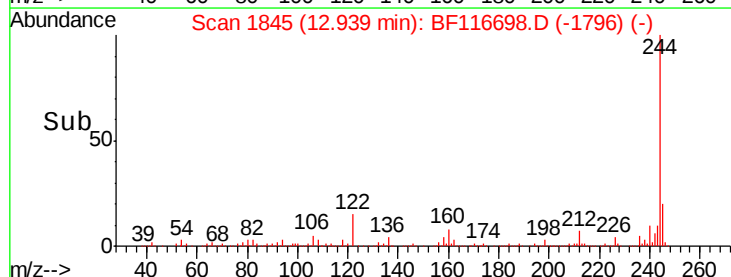
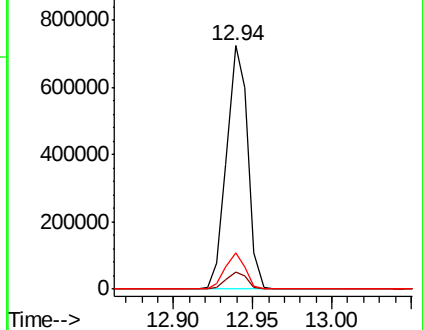
122 14.8 10.2 15.4

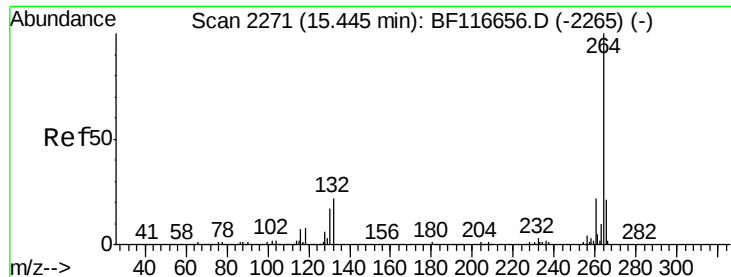


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

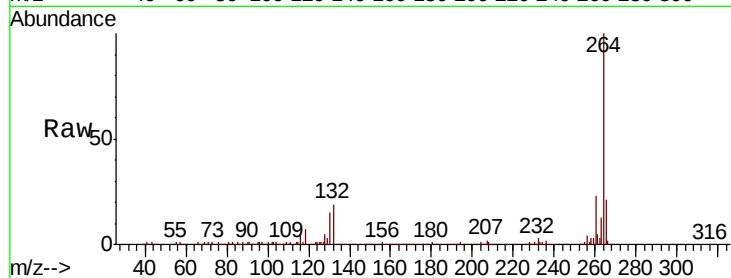




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

