

Data File : BF116735.D
Acq On : 1 Sep 2019 9:30
Operator : HP/JU
Sample : K4579-25
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-12-B1-B4-(0-3.5)

Quant Time: Sep 02 05:47:42 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	116777	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	463374	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	240152	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	414027	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	276331	20.00	ng	-0.01
87) Perylene-d12	15.44	264	290112	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	843853	117.07	ng	0.00
7) Phenol-d6	6.47	99	1047863	110.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	768231	94.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	256733	159.91	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1280913	89.97	ng	0.00
79) Terphenyl-d14	12.94	244	1396109	93.46	ng	0.00

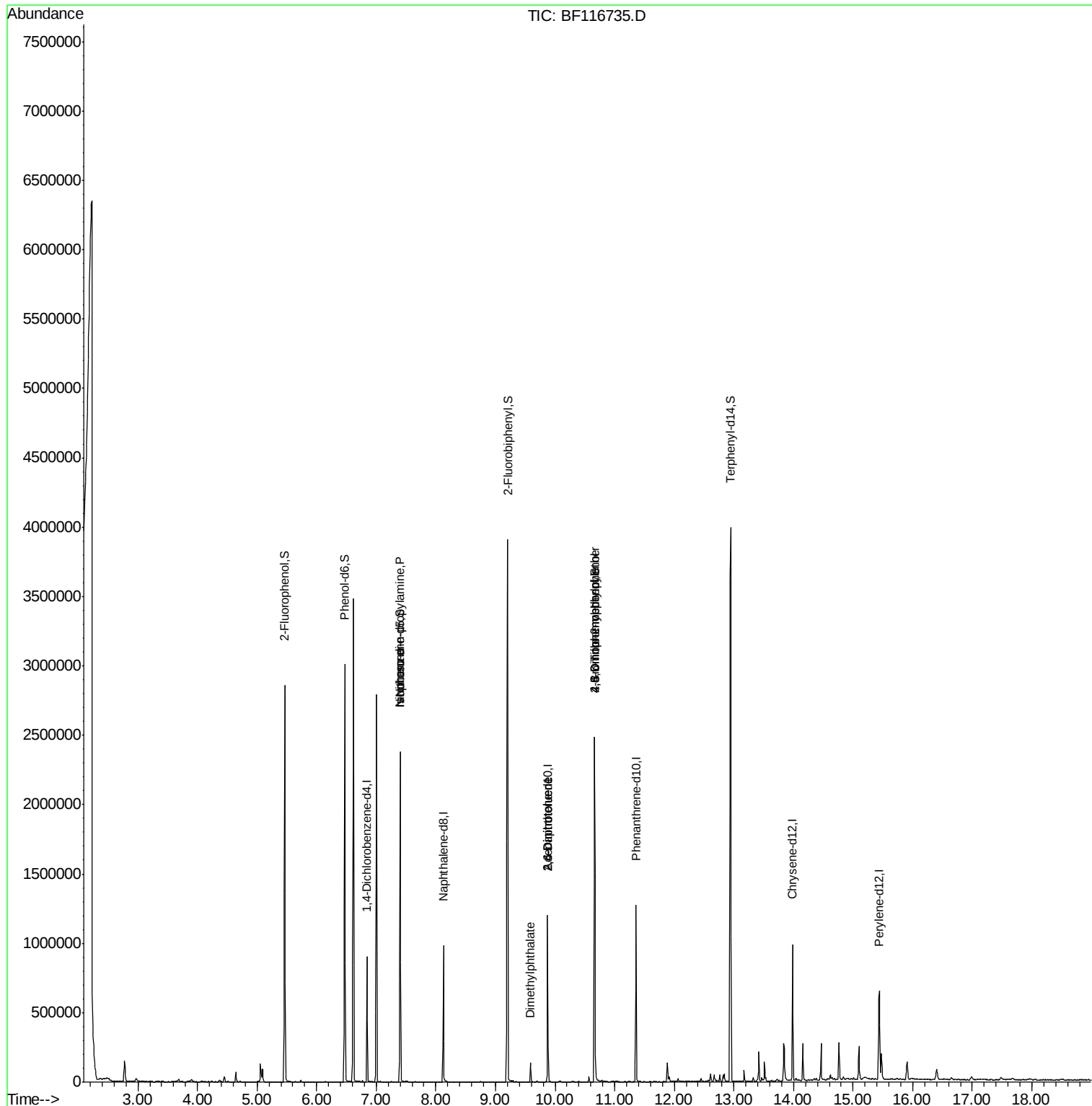
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	101220	16.242	ng	# 72
25) Isophorone	7.40	82	768218	46.707	ng	# 66
50) Dimethylphthalate	9.59	163	54381	3.280	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	30084	9.510	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	30084	7.778	ng	# 22
65) 4,6-Dinitro-2-methylphenol	10.66	198	615	7.792	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	16687	3.967	ng	# 1

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

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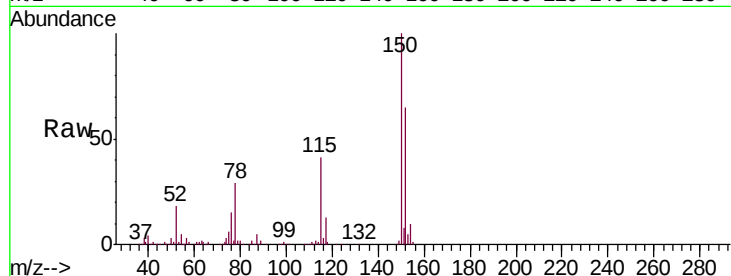


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Instrument :
BNA_F
ClientSampleId :
PAR-12-B1-B4-(0-3.5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.4	186.6
115	63.2	49.9	74.9

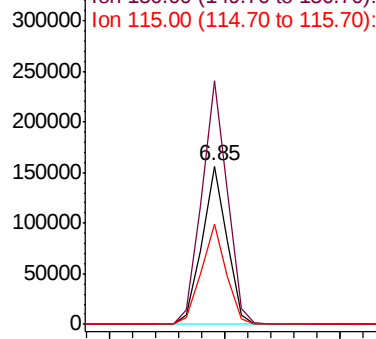


Abundance

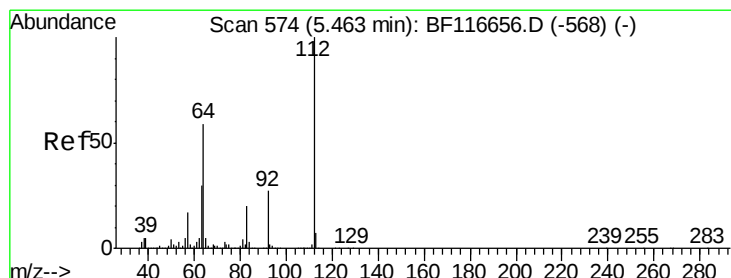
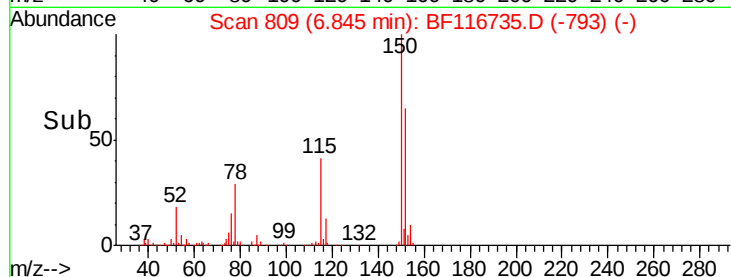
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



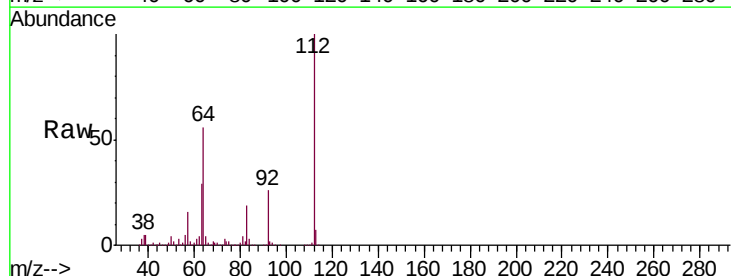
Time-->



#5

2-Fluorophenol
Concen: 117.068 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.1	70.7
63	29.5	24.9	37.3

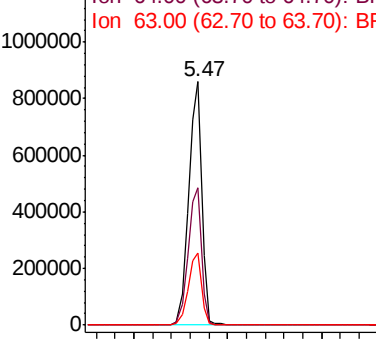


Abundance

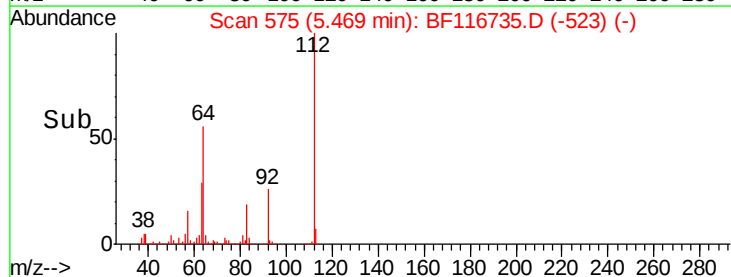
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 110.707 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

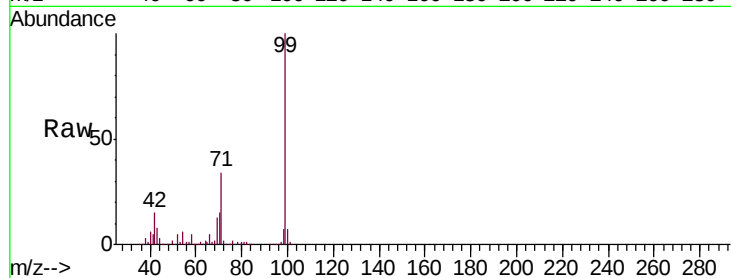
Tgt Ion: 99 Resp: 1047863

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

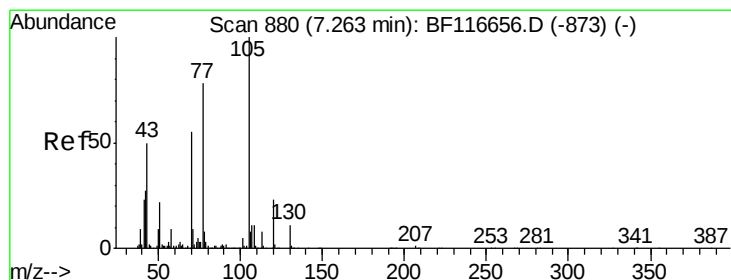
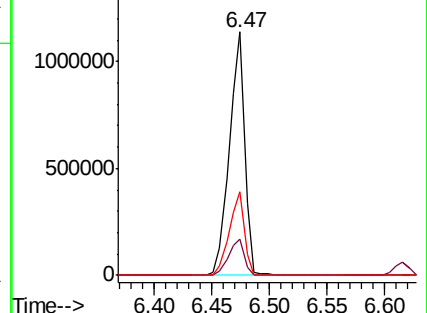
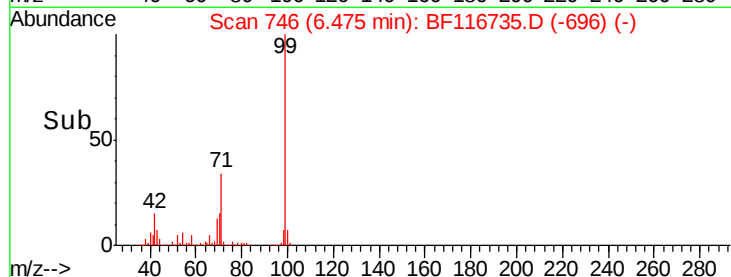
71 34.5 30.8 46.2



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: 16.242 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Tgt Ion: 70 Resp: 101220

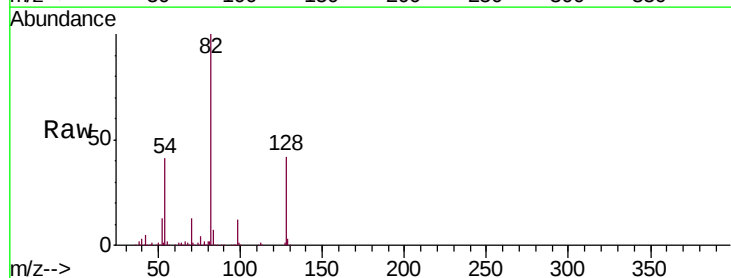
Ion Ratio Lower Upper

70 100

42 37.4 43.5 65.3#

101 0.0 7.8 11.6#

130 2.1 16.6 24.8#

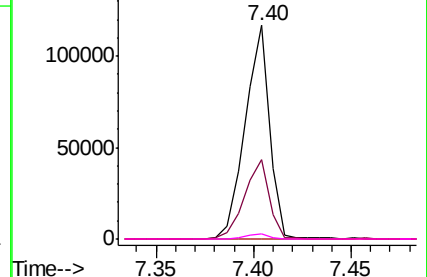
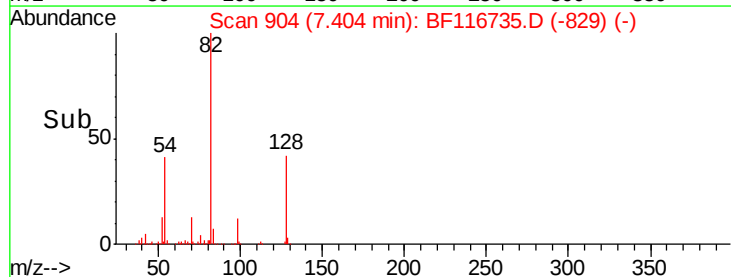


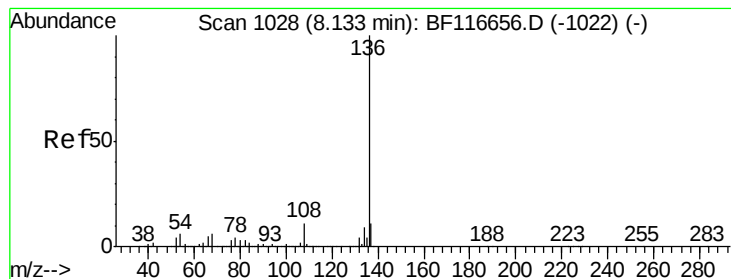
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

Tgt Ion: 136 Resp: 463374

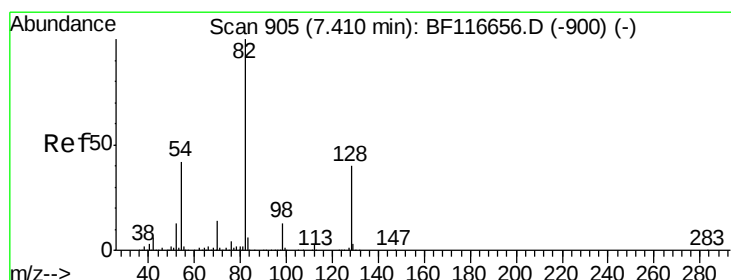
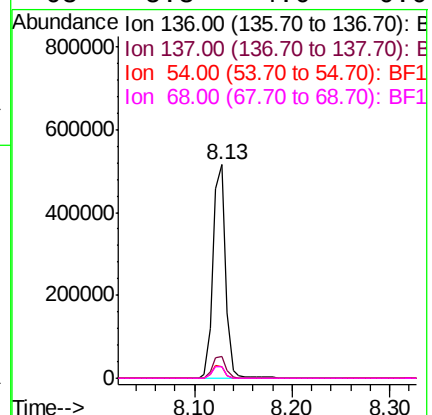
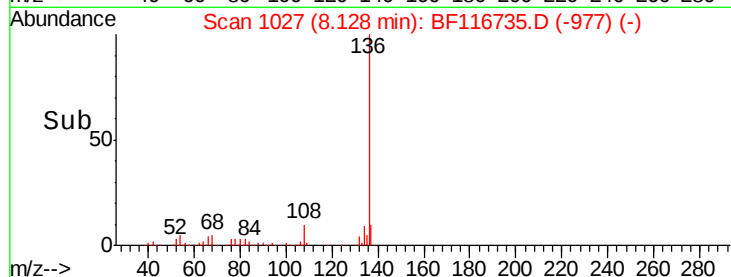
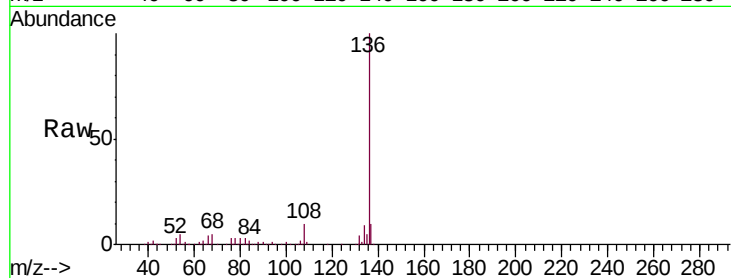
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 5.3 4.8 7.2

68 5.3 4.0 6.0



#23

Nitrobenzene-d5

Concen: 94.646 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

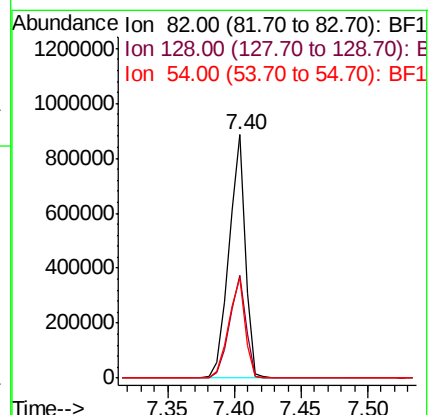
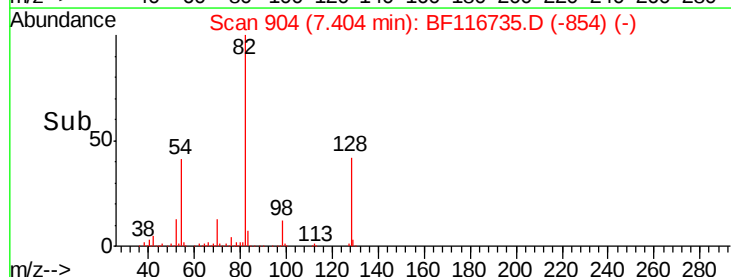
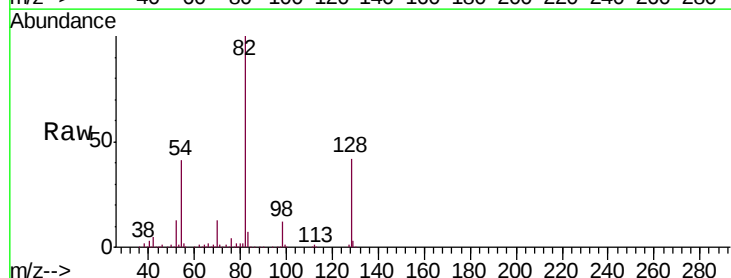
Tgt Ion: 82 Resp: 768231

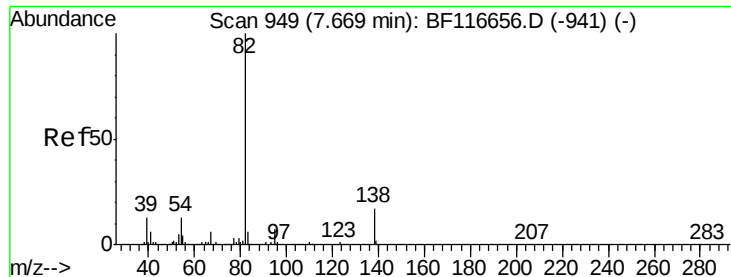
Ion Ratio Lower Upper

82 100

128 42.2 32.8 49.2

54 41.1 36.9 55.3





#25

Isophorone

Concen: 46.707 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

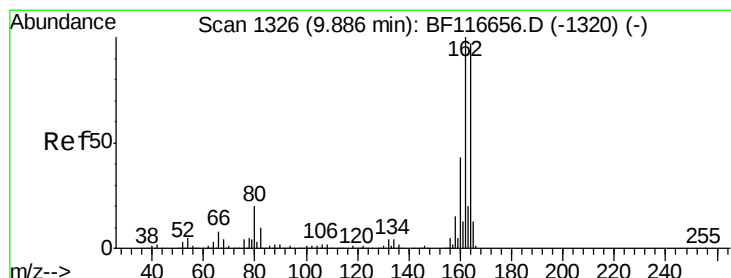
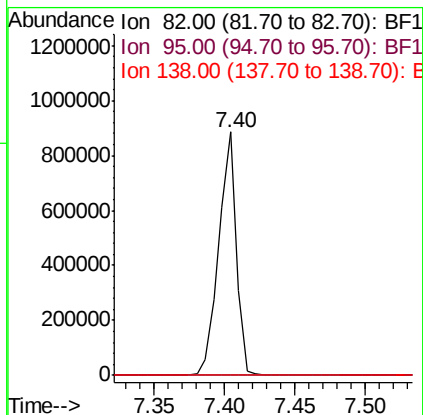
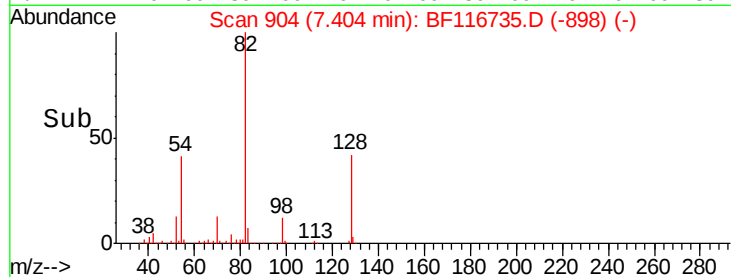
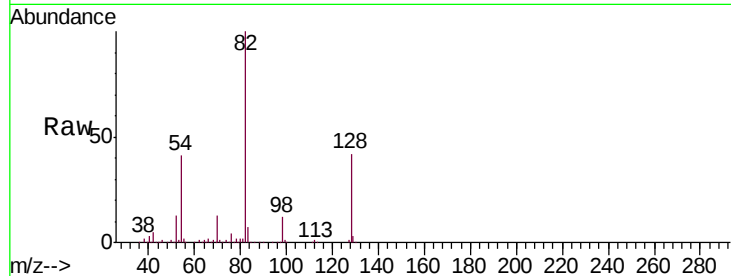
Tgt Ion: 82 Resp: 768218

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

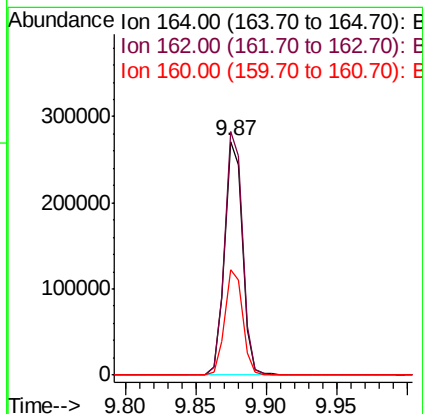
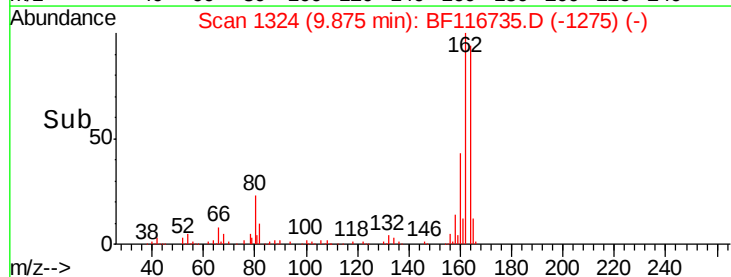
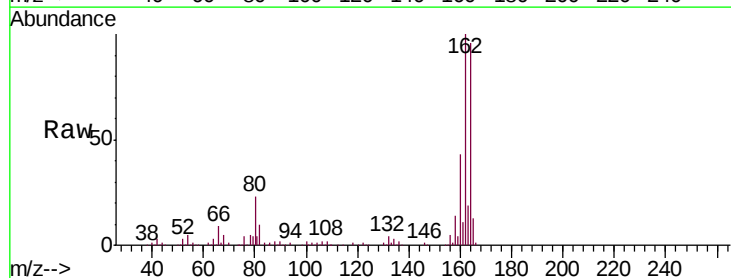
Tgt Ion: 164 Resp: 240152

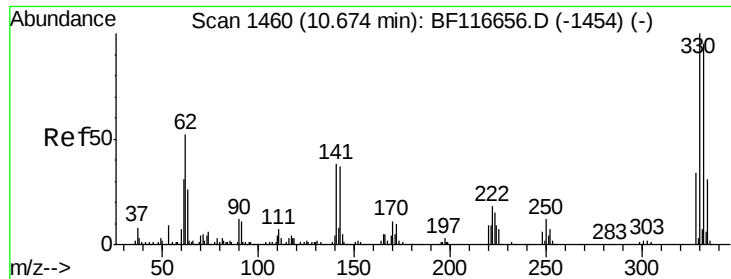
Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

160 45.0 35.4 53.2

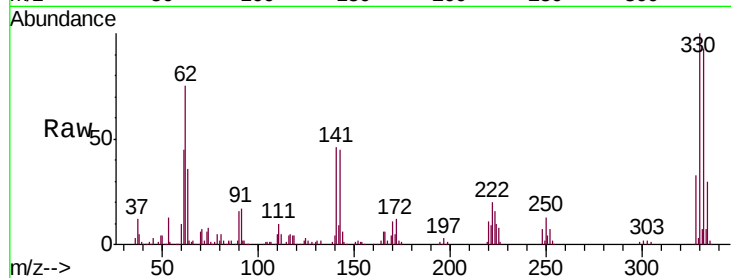




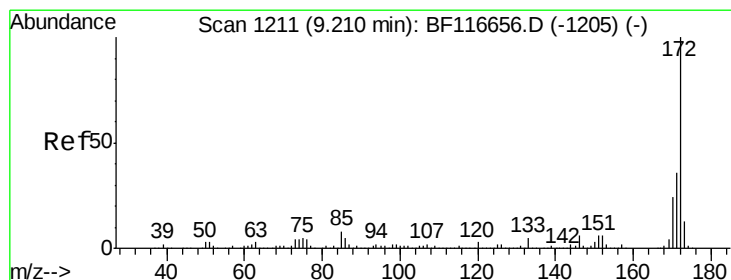
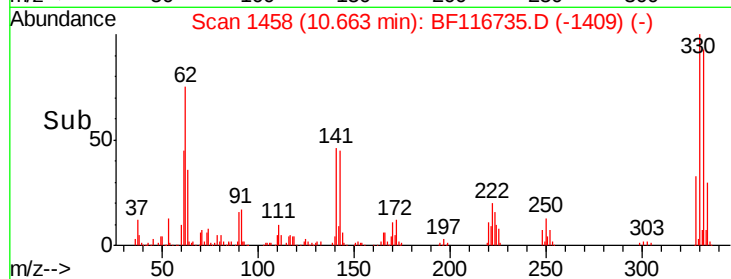
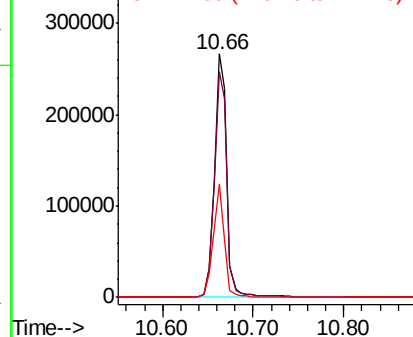
#42
 2,4,6-Tribromophenol
 Concen: 159.912 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PAR-12-B1-B4-(0-3.5)

Tgt Ion:330 Resp: 256733
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.9 115.3
 141 42.2 31.4 47.2

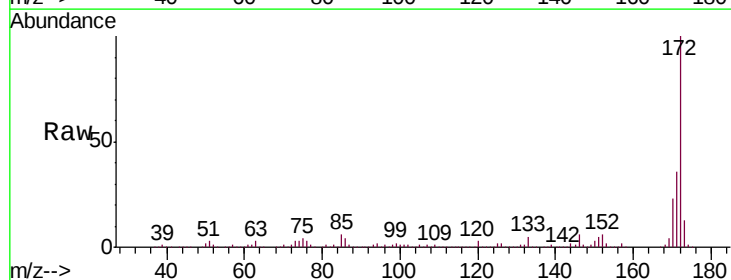


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

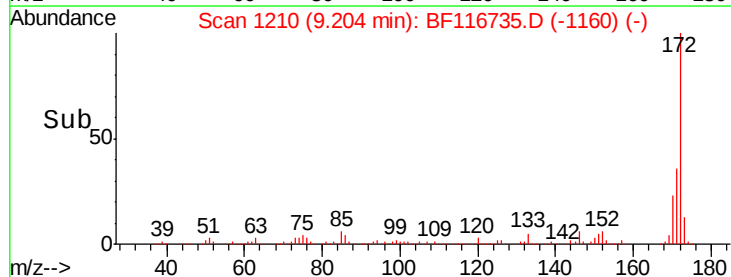
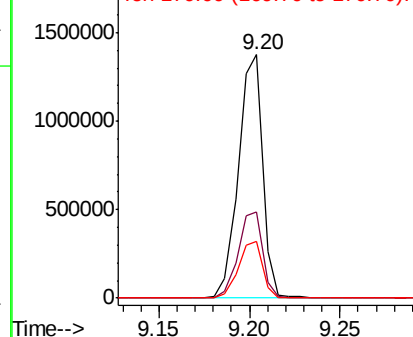


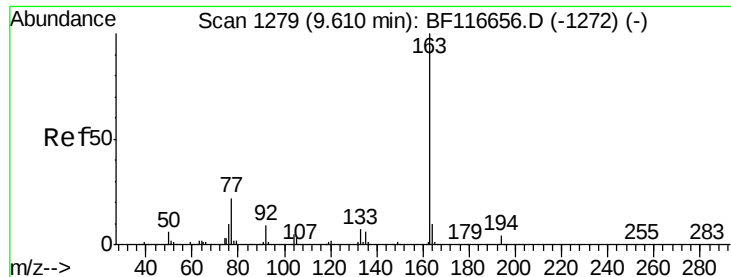
#45
 2-Fluorobiphenyl
 Concen: 89.975 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Tgt Ion:172 Resp: 1280913
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.6
 170 23.3 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

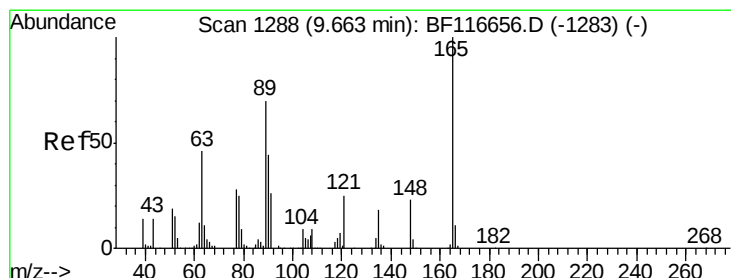
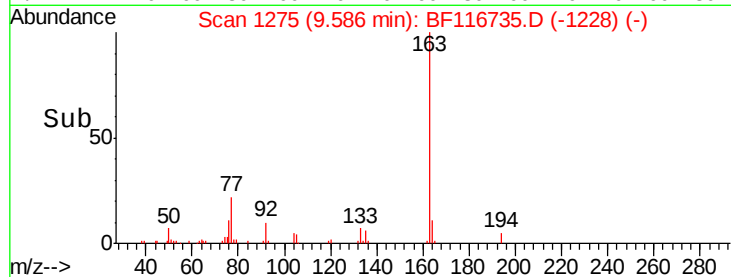
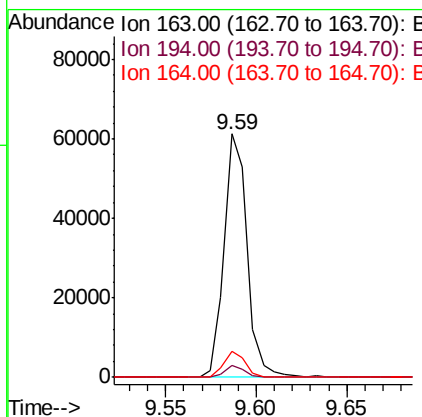
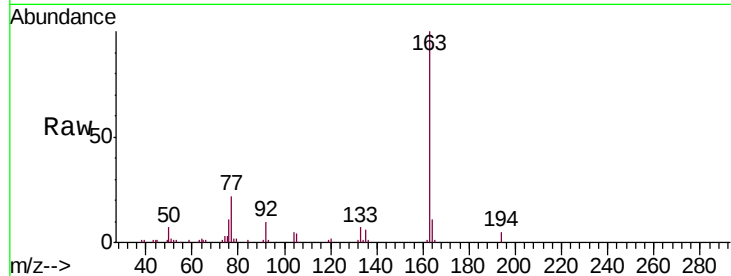




#50
Dimethylphthalate
Concen: 3.280 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

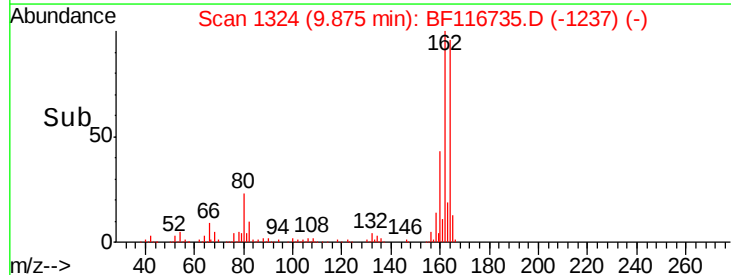
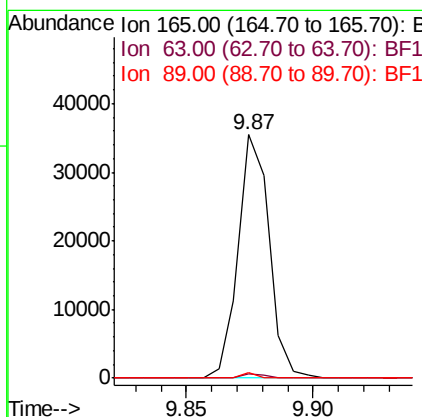
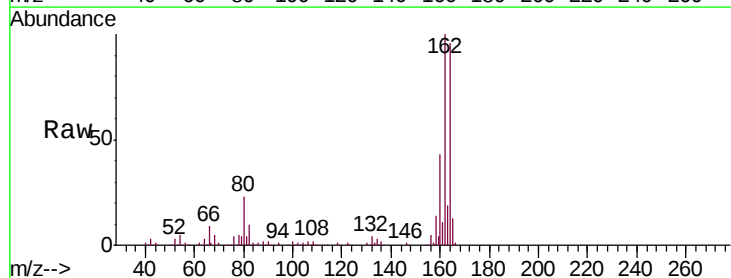
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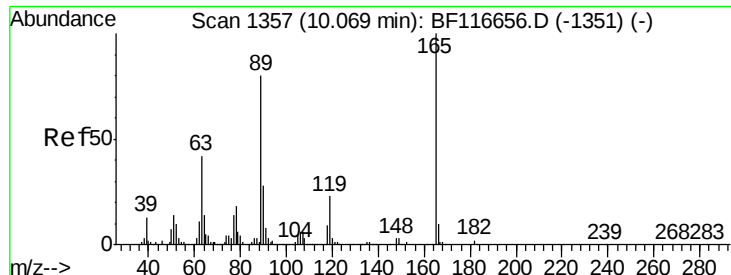
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.8	4.2#
164	10.6	8.6	12.8



#51
2,6-Dinitrotoluene
Concen: 9.510 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.3	70.9#
89	2.0	52.5	78.7#

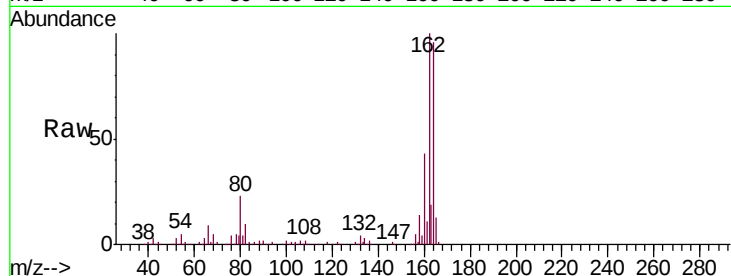




#57
 2,4-Dinitrotoluene
 Concen: 7.778 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PAR-12-B1-B4-(0-3.5)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	62.6	94.0#
182	0.0	2.1	3.1#



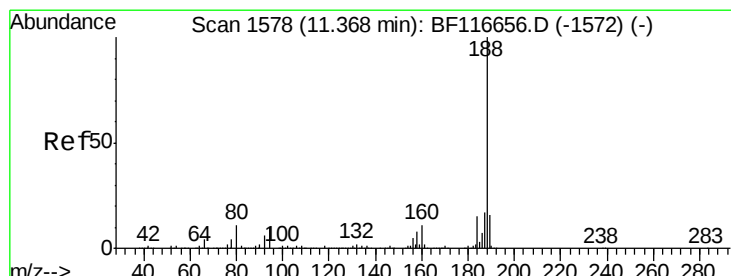
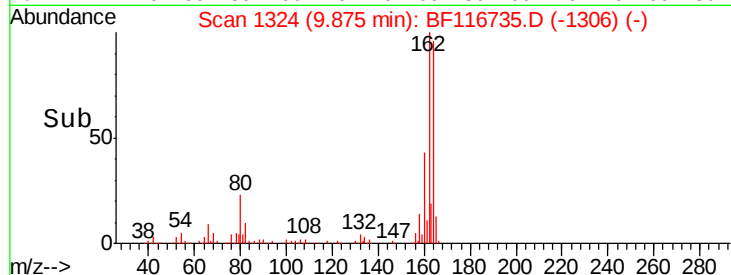
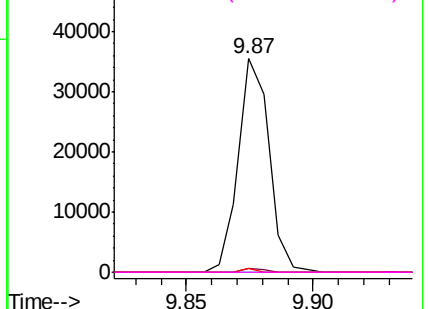
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

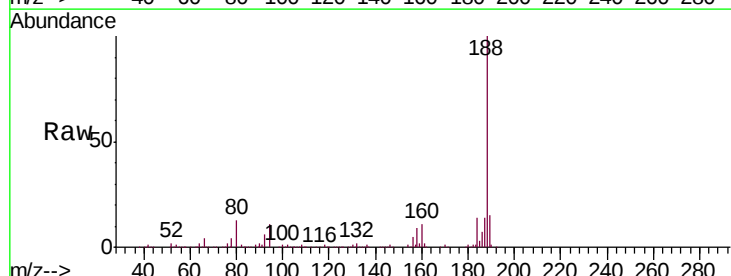
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116735.D
 Acq: 1 Sep 2019 9:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.3	10.9#
80	12.7	8.4	12.6#

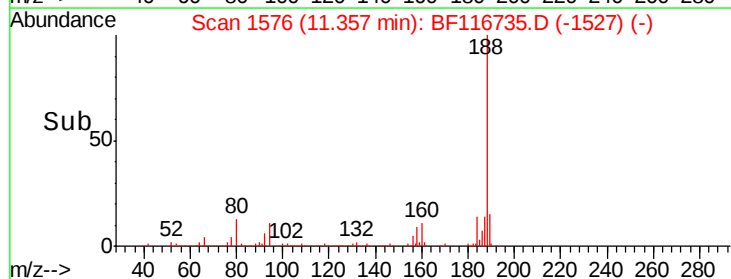
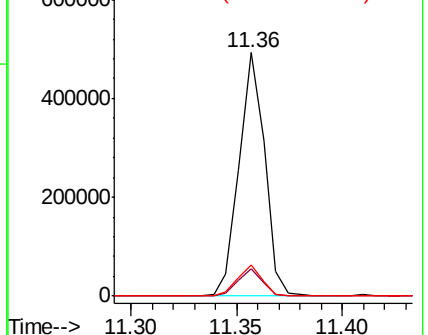


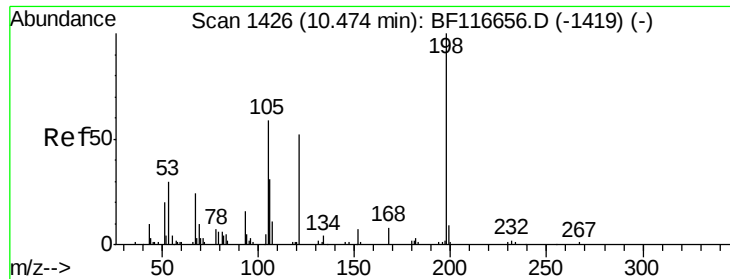
Abundance

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: 7.792 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PAR-12-B1-B4-(0-3.5)

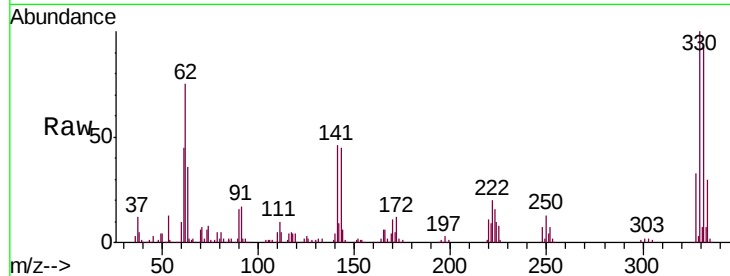
Tgt Ion:198 Resp: 615

Ion Ratio Lower Upper

198 100

51 139.7 18.4 58.4#

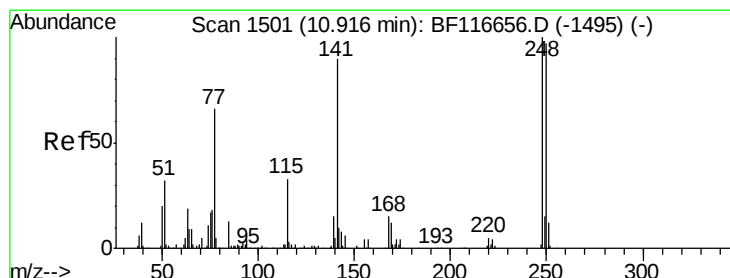
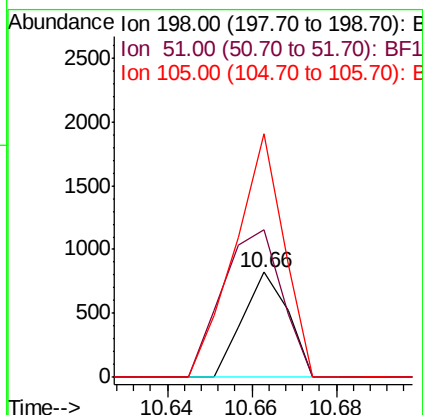
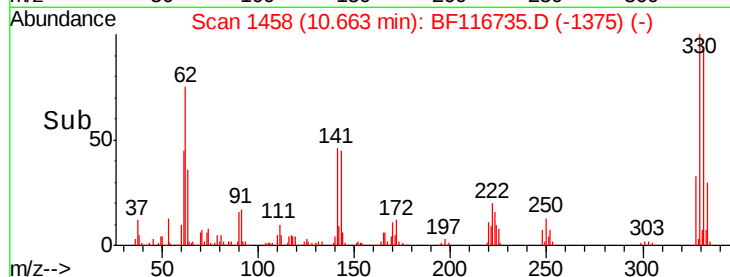
105 231.2 22.9 62.9#



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: 3.967 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116735.D

Acq: 1 Sep 2019 9:30

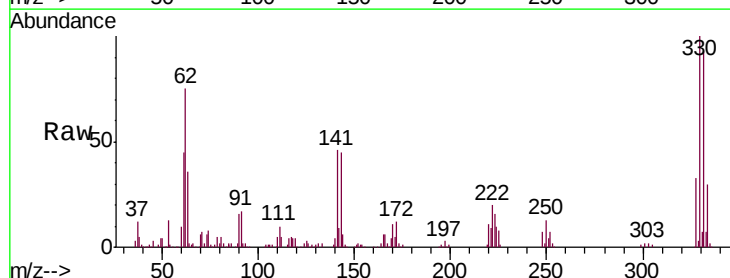
Tgt Ion:248 Resp: 16687

Ion Ratio Lower Upper

248 100

250 198.8 77.8 116.8#

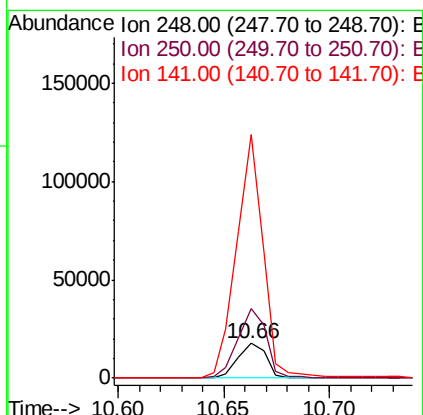
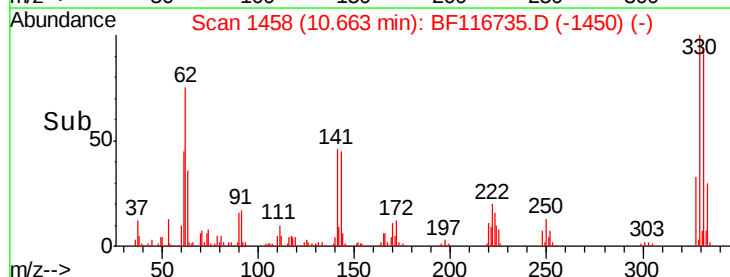
141 698.7 75.9 113.9#

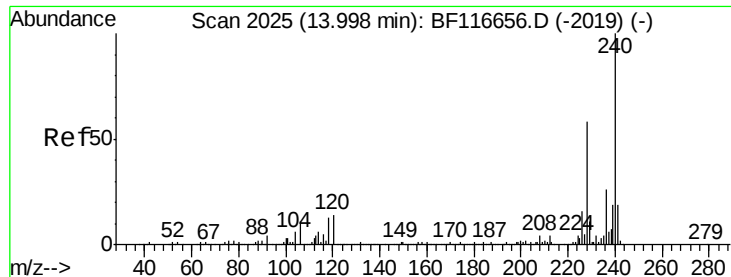


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

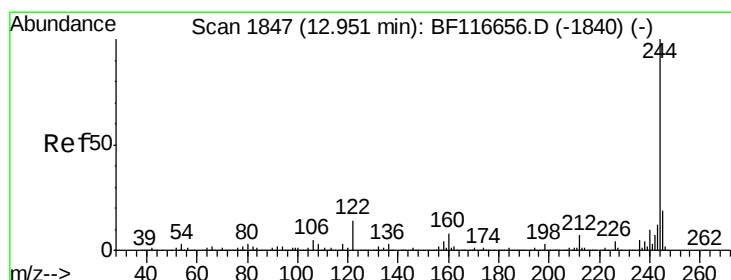
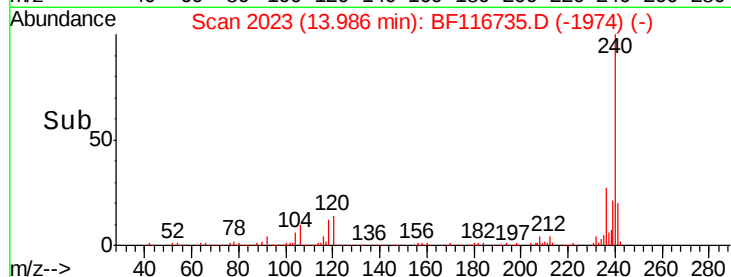
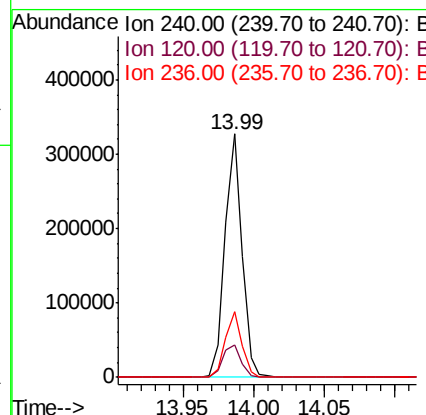
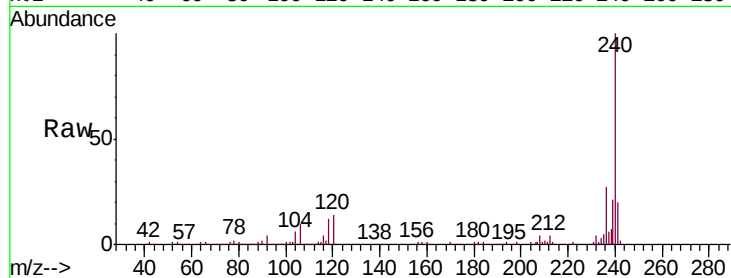




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

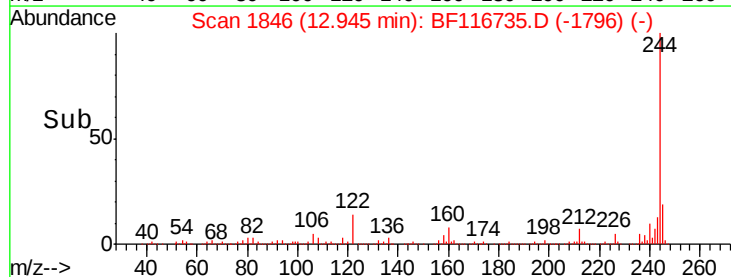
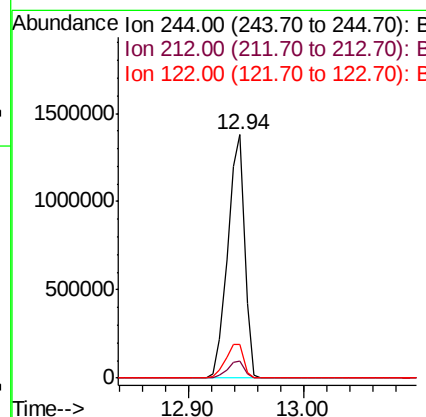
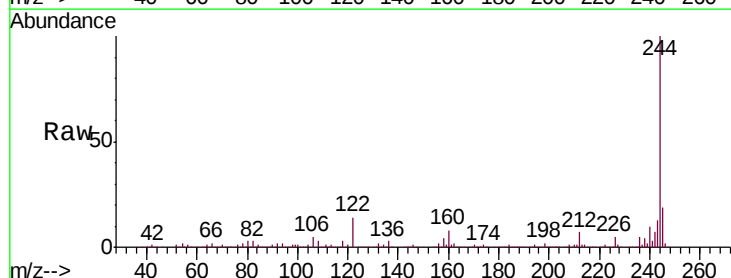
Instrument :
BNA_F
ClientSampleId :
PAR-12-B1-B4-(0-3.5)

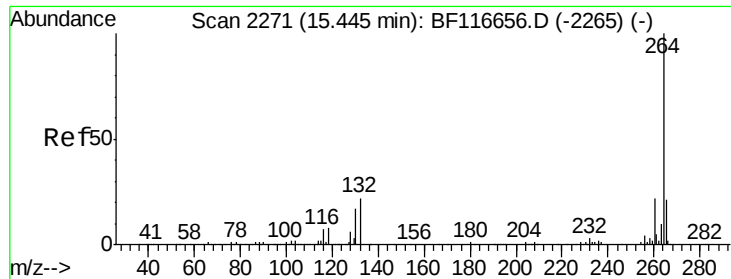
Tgt Ion: 240 Resp: 276331
Ion Ratio Lower Upper
240 100
120 13.5 9.1 13.7
236 27.0 21.1 31.7



#79
Terphenyl-d14
Concen: 93.465 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Tgt Ion: 244 Resp: 1396109
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.8 10.2 15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116735.D
Acq: 1 Sep 2019 9:30

Instrument :
BNA_F
ClientSampleId :
PAR-12-B1-B4-(0-3.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.5	16.5	24.7

