

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115200.D
 Acq On : 25 Jun 2019 21:05
 Operator : HP/JU
 Sample : K3511-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jun 26 05:50:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

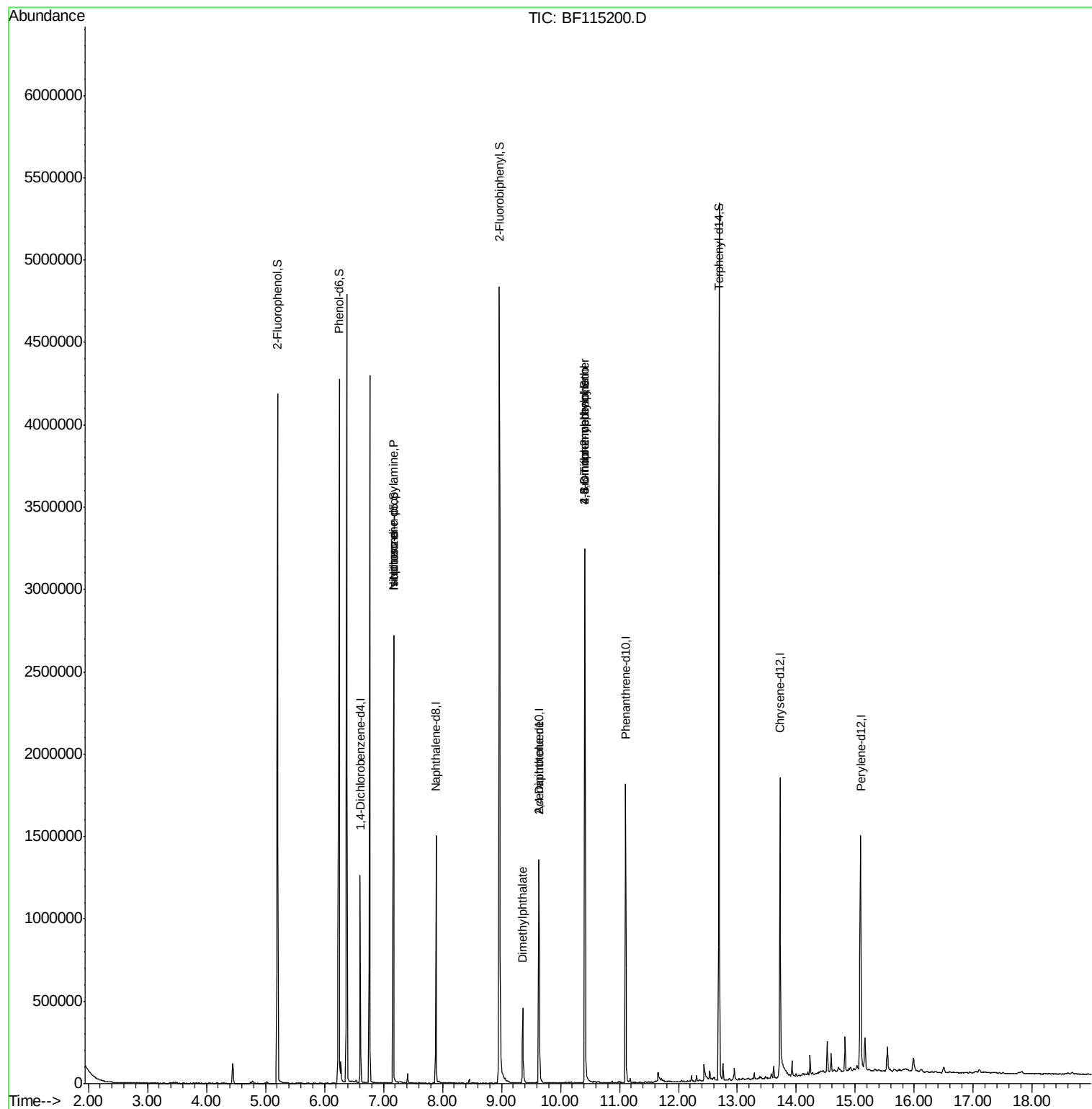
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	175062	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	616443	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	301680	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	619567	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	560058	20.00	ng	-0.02
87) Perylene-d12	15.09	264	650460	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1305542	115.08	ng	0.00
7) Phenol-d6	6.25	99	1585584	115.15	ng	0.00
23) Nitrobenzene-d5	7.17	82	948938	94.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	449951	141.44	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1706210	96.07	ng	-0.02
79) Terphenyl-d14	12.69	244	1965492	74.62	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	124036	14.071	ng	# 79
25) Isophorone	7.17	82	933698	45.483	ng	# 63
50) Dimethylphthalate	9.36	163	221897	9.998	ng	# 98
57) 2,4-Dinitrotoluene	9.64	165	38141	5.765	ng	# 30
58) Fluorene	10.42	166	20317	Below Cal		# 93
65) 4,6-Dinitro-2-methylphenol	10.41	198	816	5.182	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	28074	4.179	ng	# 1

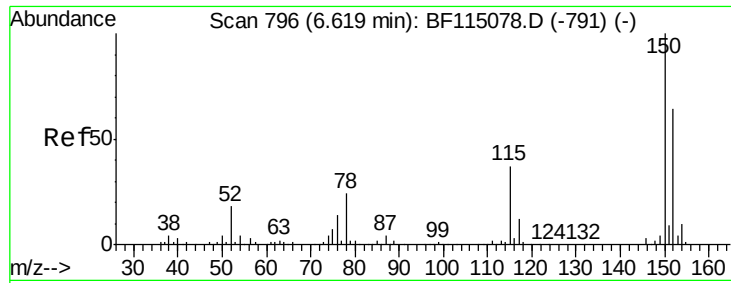
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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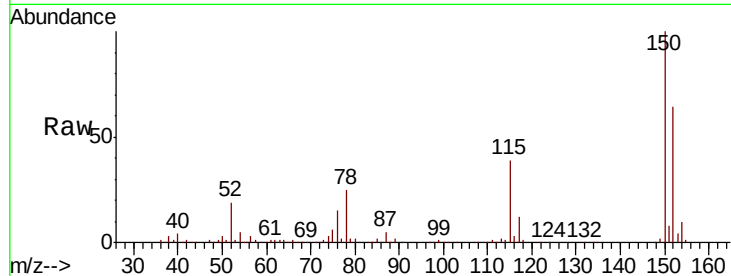




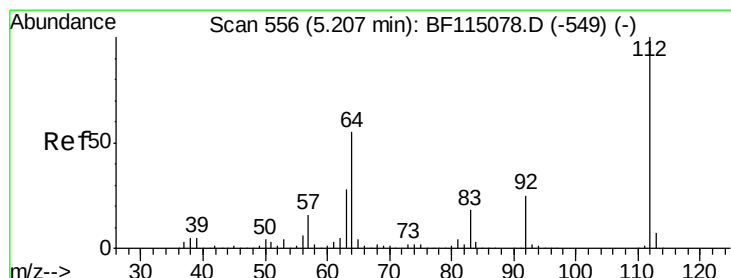
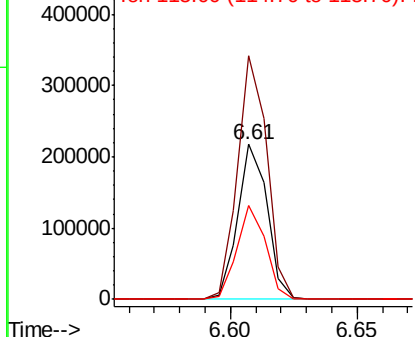
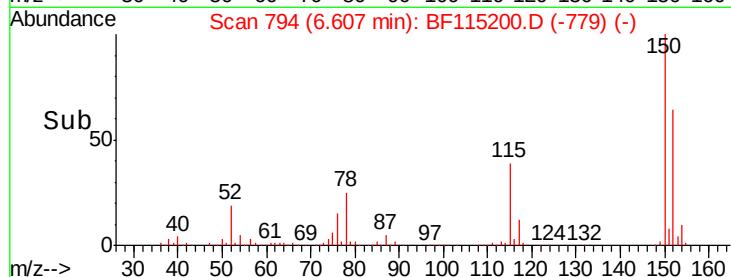
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF115200.D
 Acq: 25 Jun 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tgt Ion:152 Resp: 175062
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.2 186.2
 115 60.8 46.1 69.1

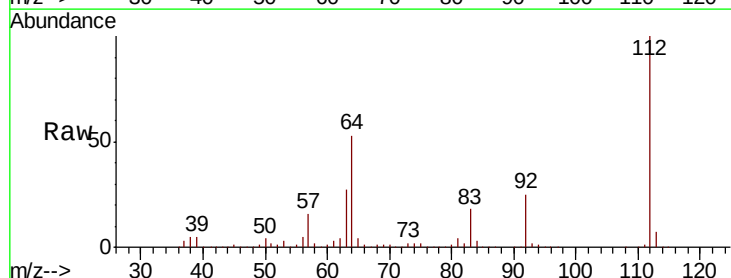


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

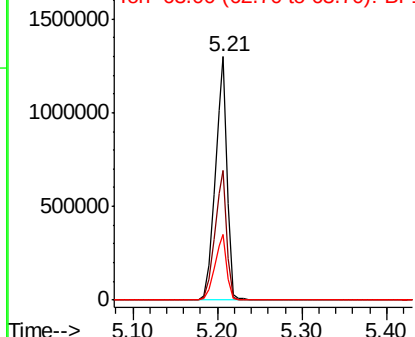
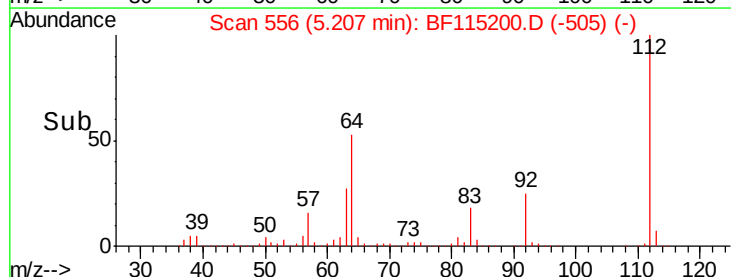


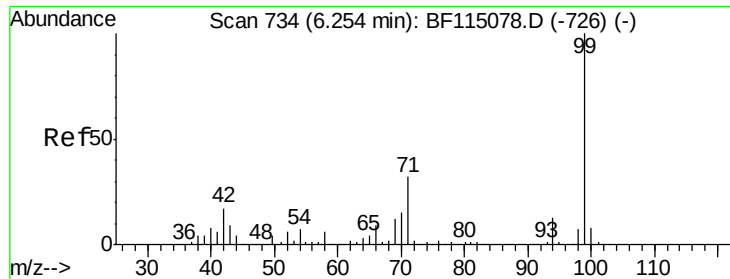
#5
 2-Fluorophenol
 Concen: 115.083 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF115200.D
 Acq: 25 Jun 2019 21:05

Tgt Ion:112 Resp: 1305542
 Ion Ratio Lower Upper
 112 100
 64 53.1 43.8 65.6
 63 27.1 22.2 33.4



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: 115.154 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

Instrument :

BNA_F

ClientSampleId :

COMP-2

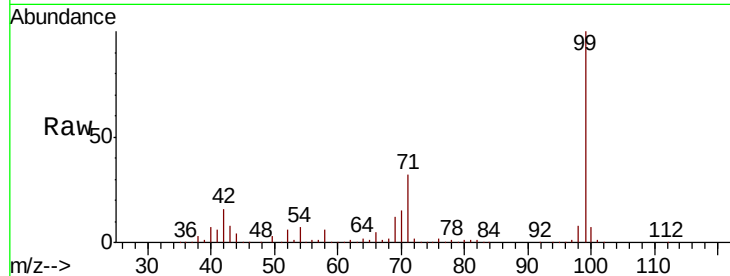
Tgt Ion: 99 Resp: 1585584

Ion Ratio Lower Upper

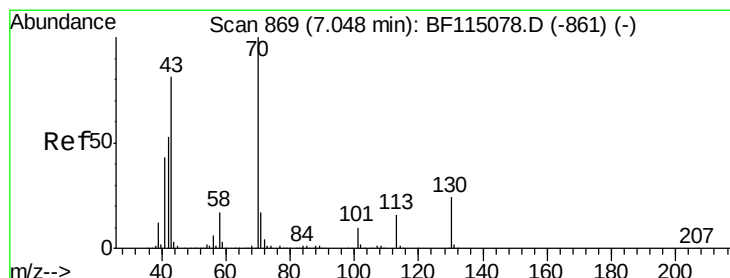
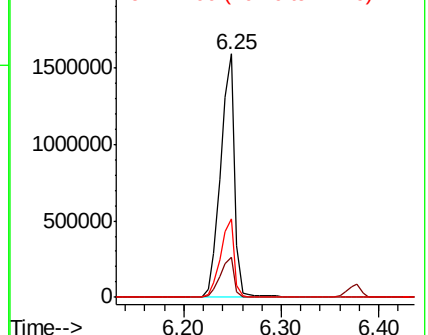
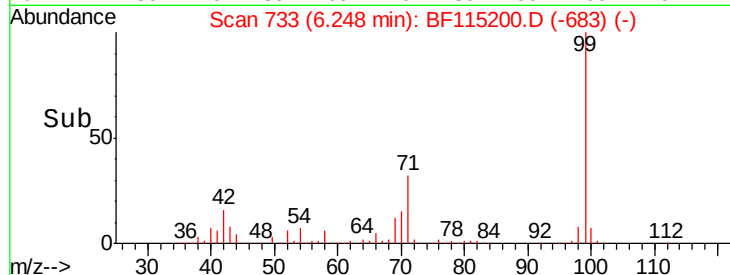
99 100

42 16.2 13.6 20.4

71 32.2 25.5 38.3



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: 14.071 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.12 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

Tgt Ion: 70 Resp: 124036

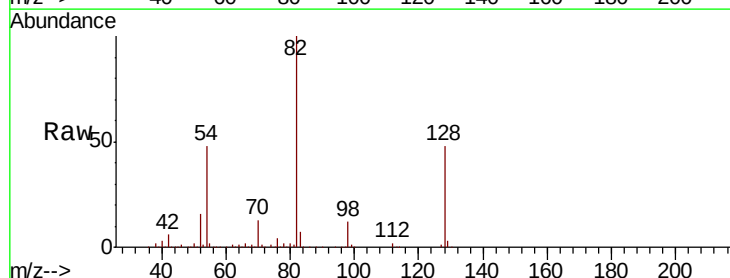
Ion Ratio Lower Upper

70 100

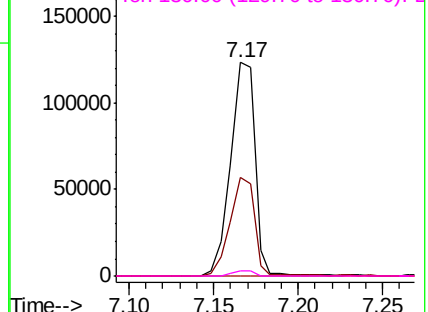
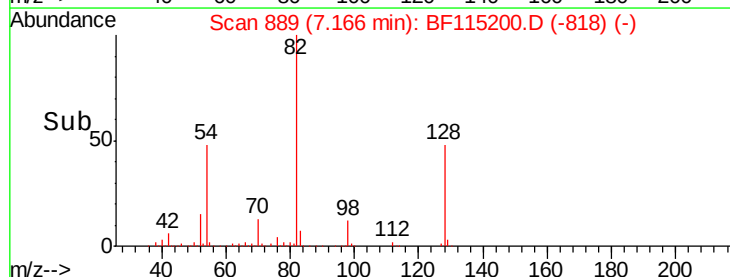
42 46.1 42.6 63.8

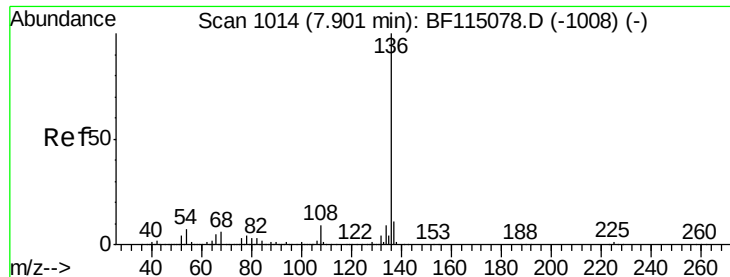
101 0.0 8.0 12.0#

130 2.6 19.4 29.0#



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

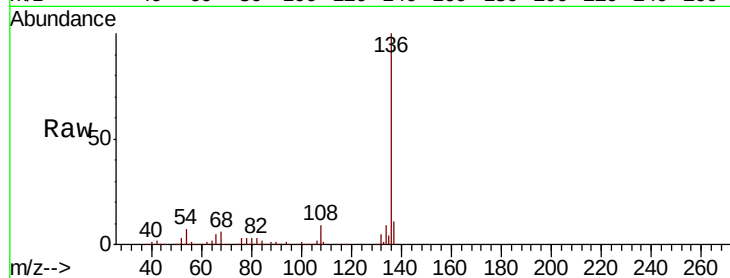




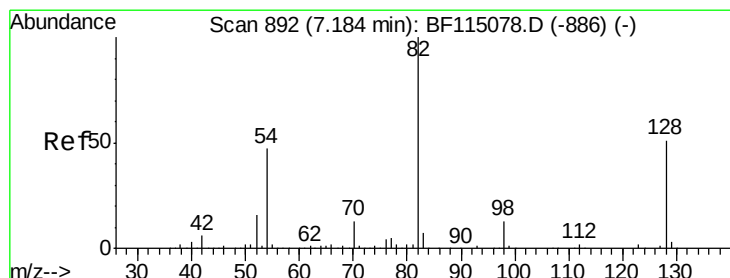
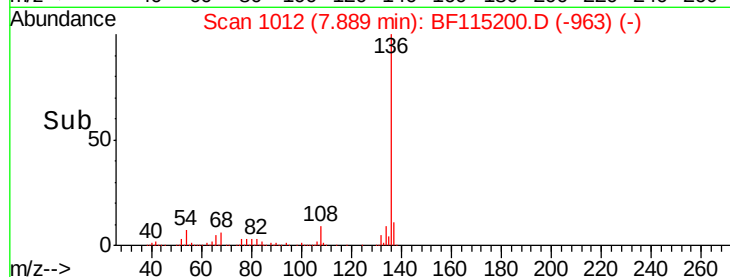
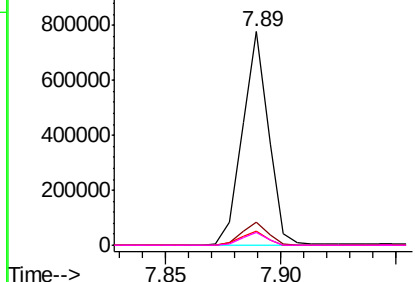
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115200.D
Acq: 25 Jun 2019 21:05

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:	136	Resp:	616443
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	5.6	8.4
68	5.8	4.8	7.2

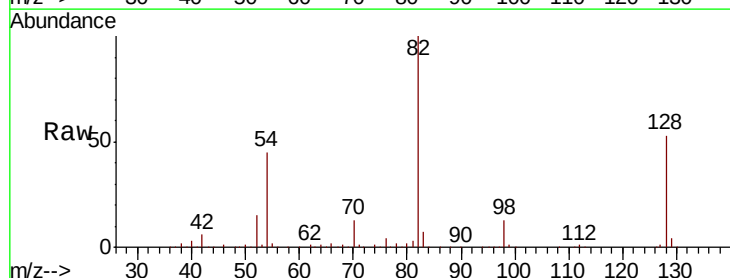


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

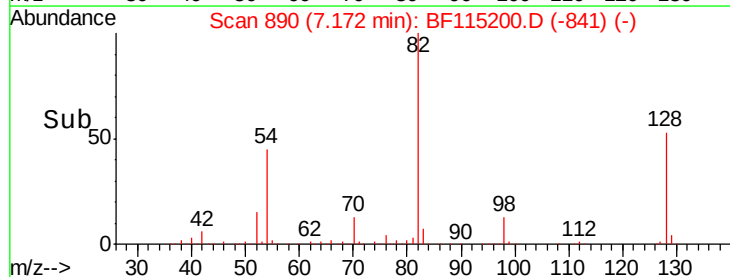
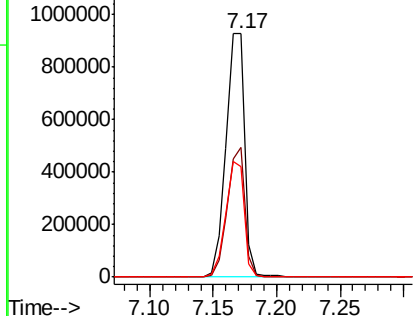


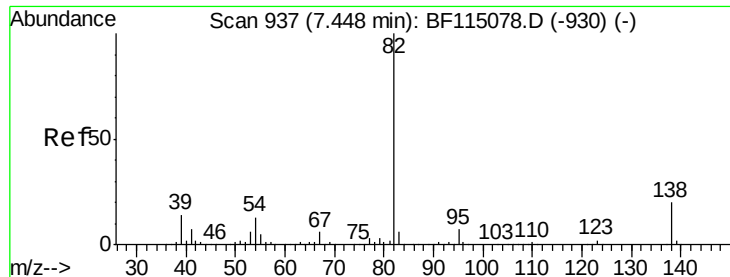
#23
Nitrobenzene-d5
Concen: 94.695 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115200.D
Acq: 25 Jun 2019 21:05

Tgt Ion:	82	Resp:	948938
Ion	Ratio	Lower	Upper
82	100		
128	53.5	40.4	60.6
54	45.4	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
600000
400000
200000
0





#25

Isophorone

Concen: 45.483 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

Instrument :

BNA_F

ClientSampleId :

COMP-2

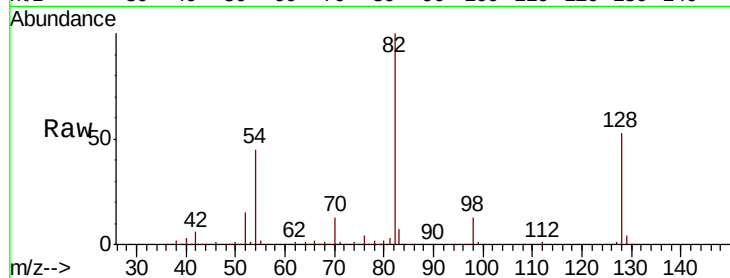
Tgt Ion: 82 Resp: 933698

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

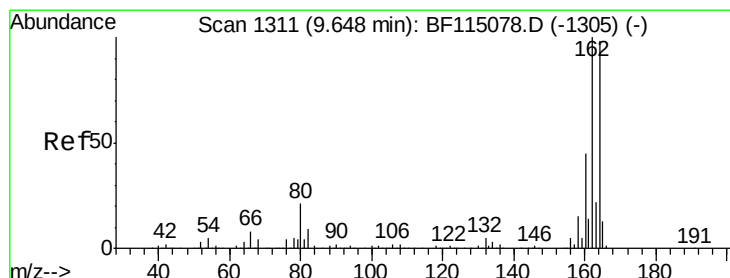
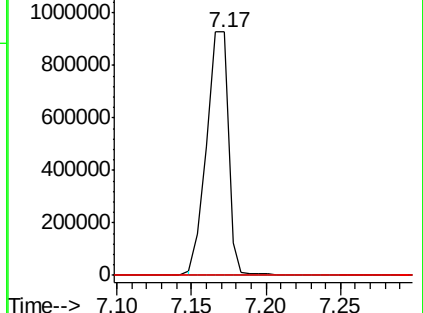
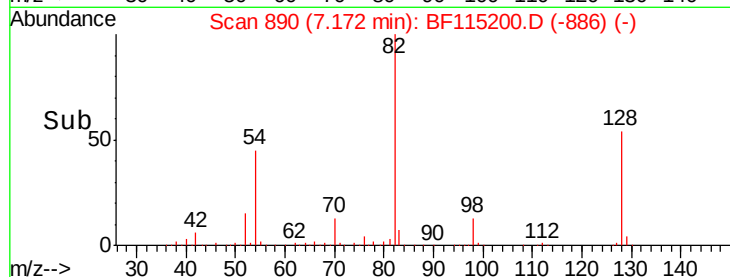
138 0.0 15.9 23.9#



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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

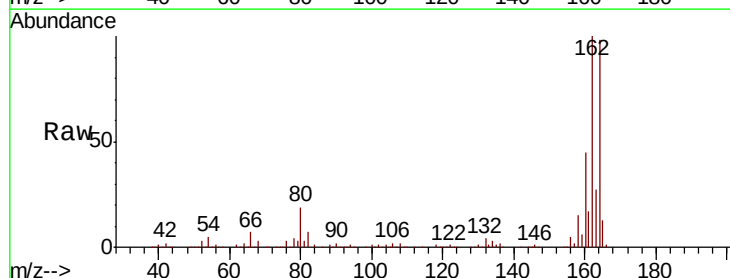
Tgt Ion: 164 Resp: 301680

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

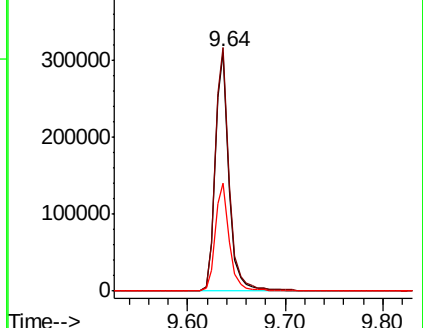
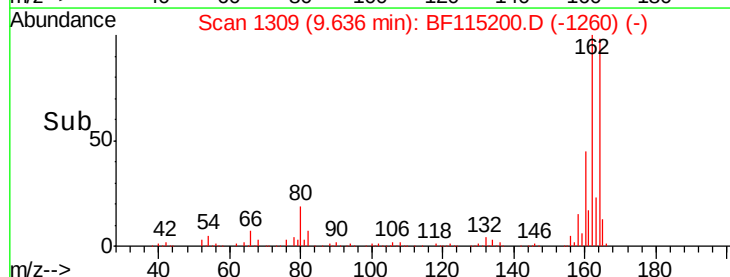
160 45.3 37.0 55.4

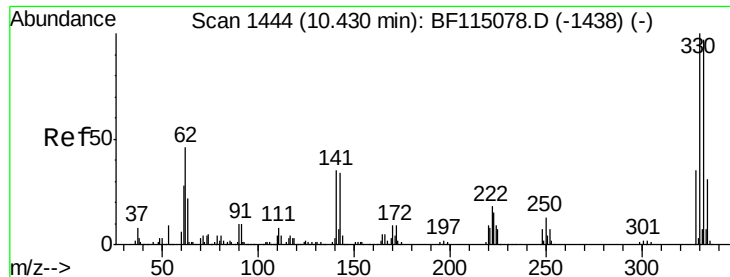


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 141.435 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

Instrument :

BNA_F

ClientSampleId :

COMP-2

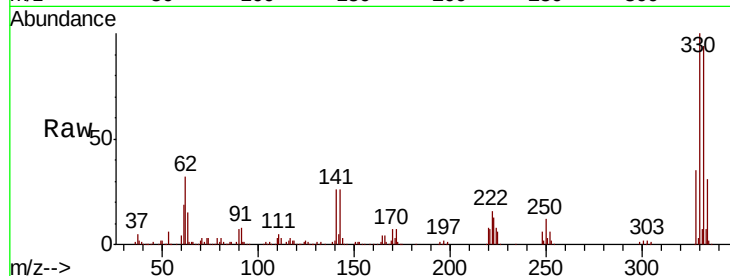
Tgt Ion:330 Resp: 449951

Ion Ratio Lower Upper

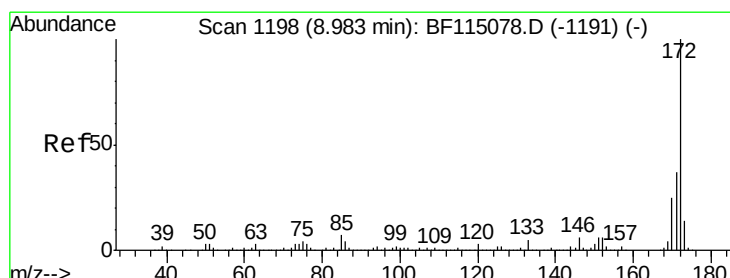
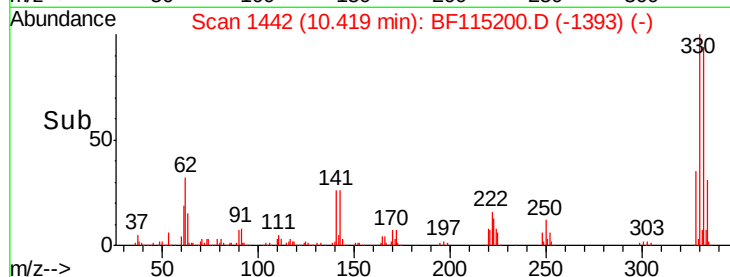
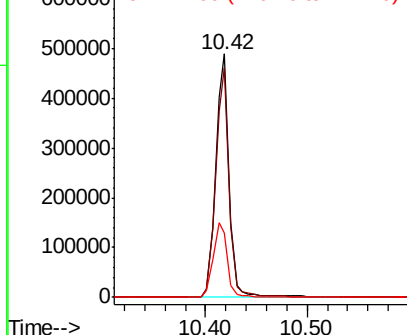
330 100

332 95.2 77.3 115.9

141 32.9 28.2 42.2



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: 96.069 ng

RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

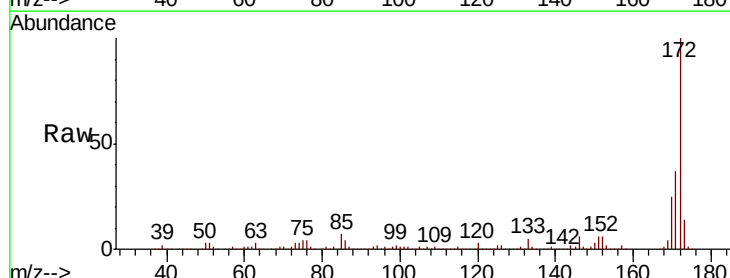
Tgt Ion:172 Resp: 1706210

Ion Ratio Lower Upper

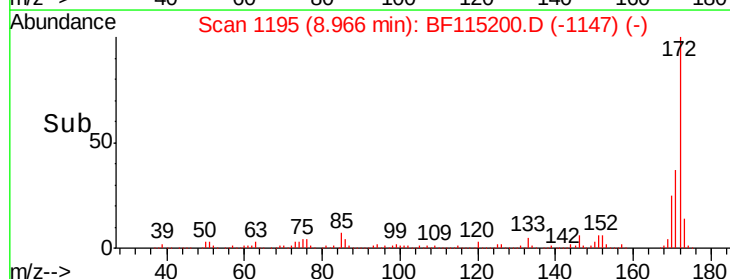
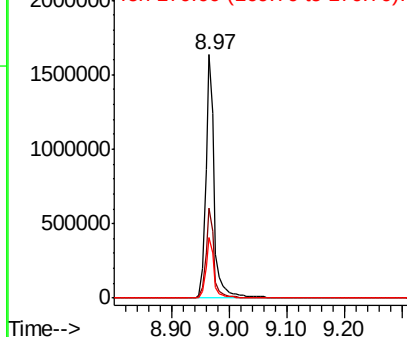
172 100

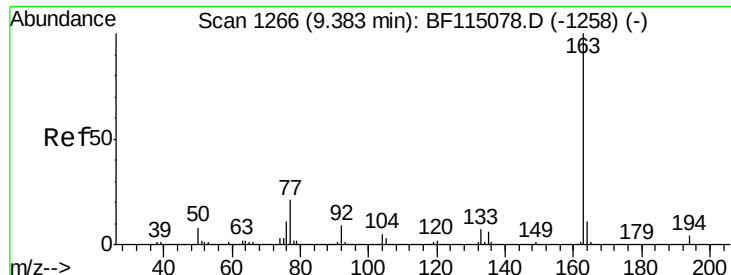
171 37.1 29.8 44.6

170 24.9 20.3 30.5



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

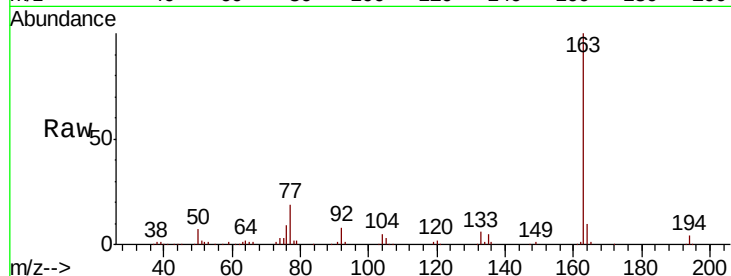




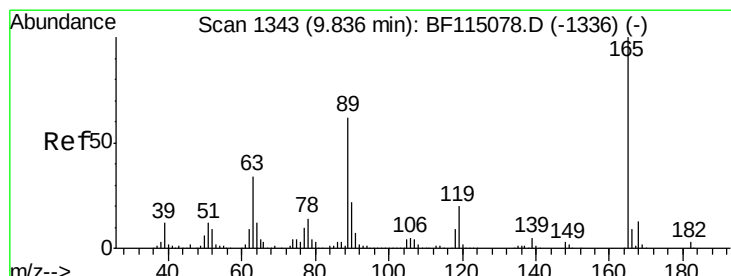
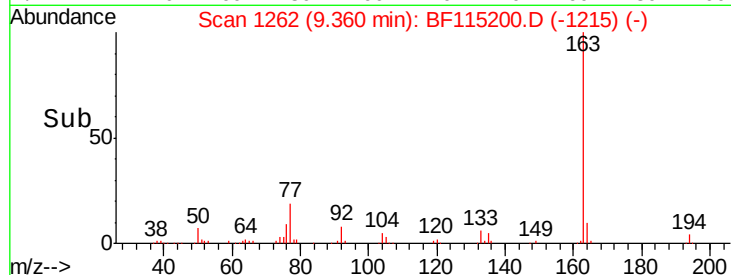
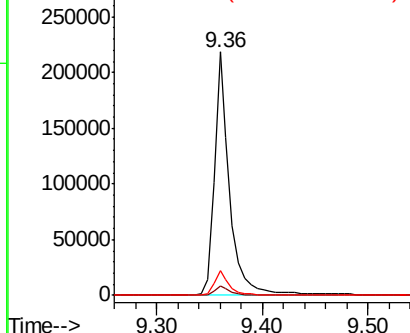
#50
Dimethylphthalate
Concen: 9.998 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115200.D
Acq: 25 Jun 2019 21:05

Instrument :
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COMP-2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.6	13.0



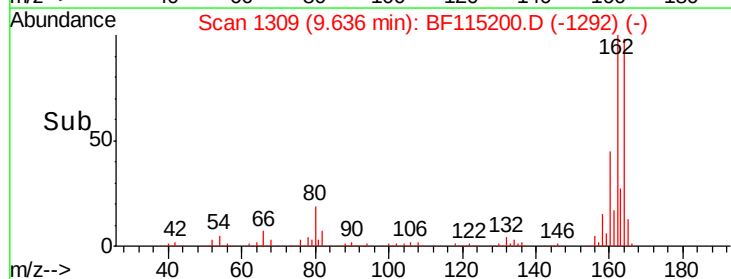
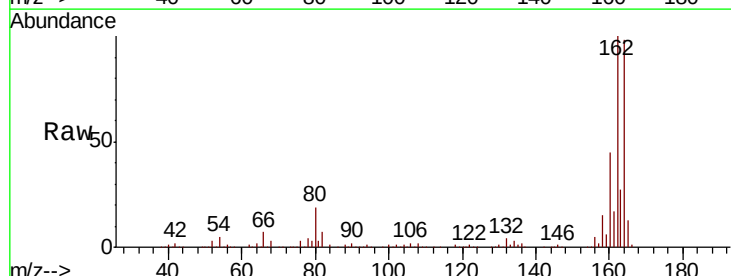
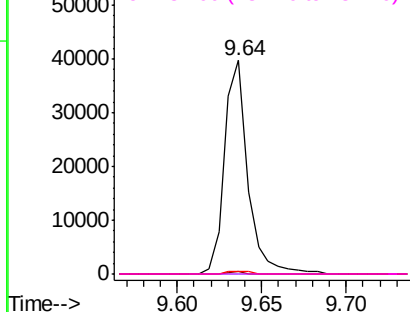
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

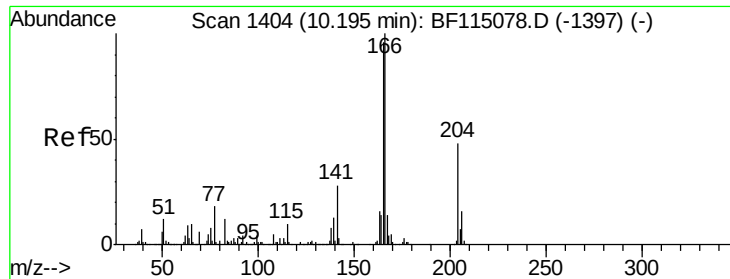


#57
2,4-Dinitrotoluene
Concen: 5.765 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115200.D
Acq: 25 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.2	49.9	74.9#
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





#58

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 1442

Delta R.T. 0.22 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

Instrument :

BNA_F

ClientSampled :

COMP-2

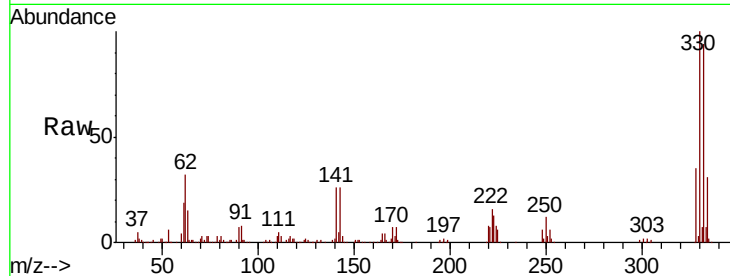
Tgt Ion:166 Resp: 20317

Ion Ratio Lower Upper

166 100

165 94.3 76.5 114.7

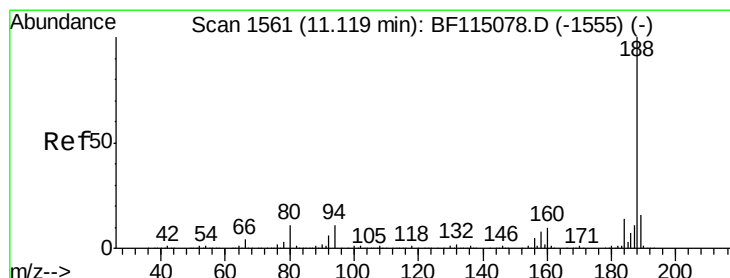
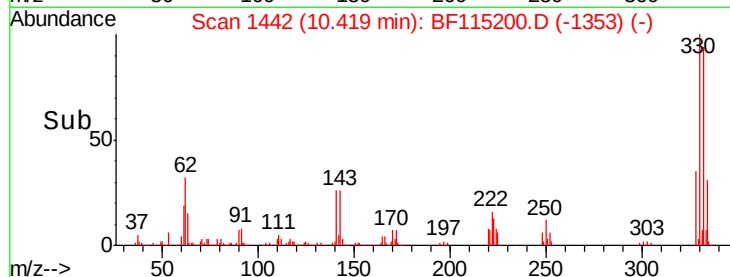
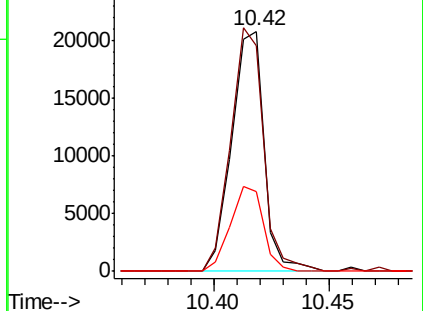
167 33.2 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

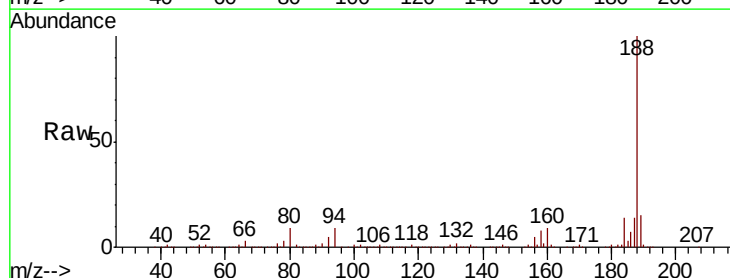
Tgt Ion:188 Resp: 619567

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

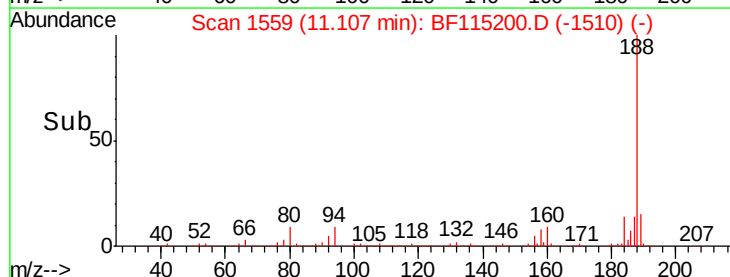
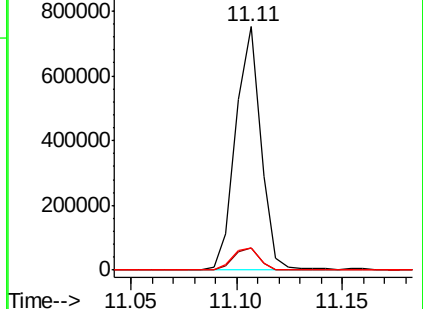
80 9.3 8.8 13.2

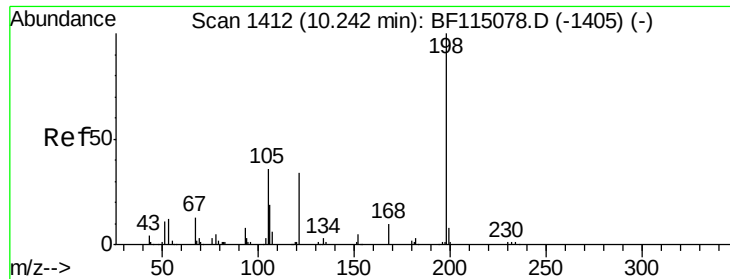


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

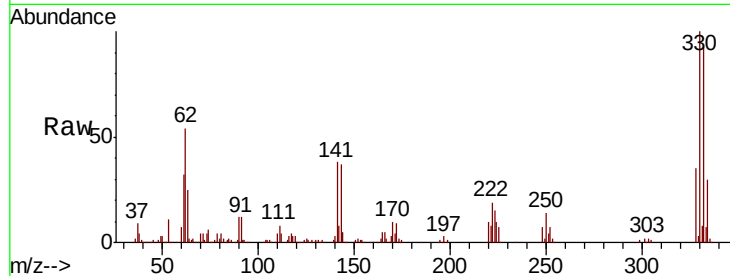




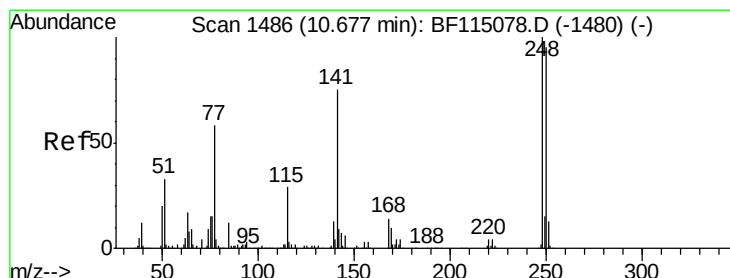
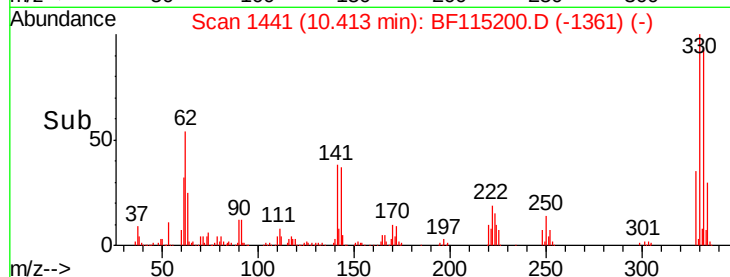
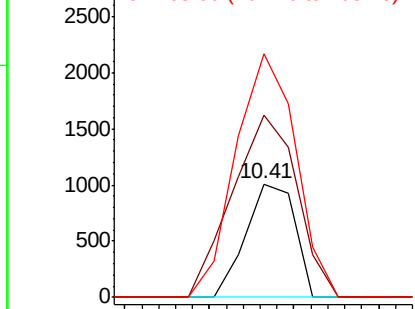
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.182 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.17 min
 Lab File: BF115200.D
 Acq: 25 Jun 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tgt Ion:198 Resp: 816
 Ion Ratio Lower Upper
 198 100
 51 161.4 11.0 51.0#
 105 215.3 17.3 57.3#

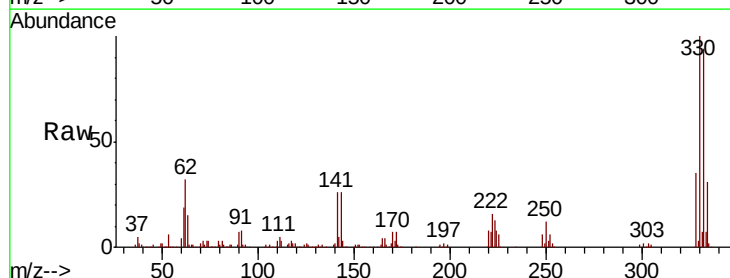


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

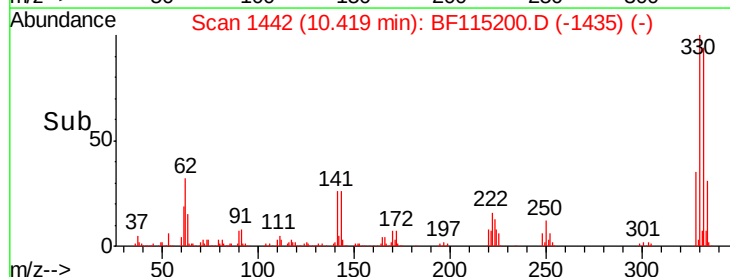
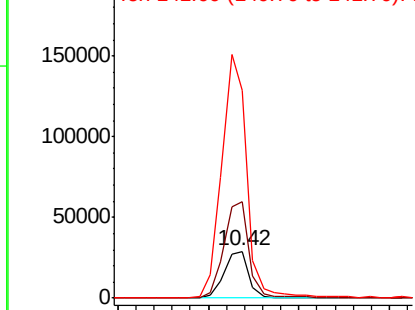


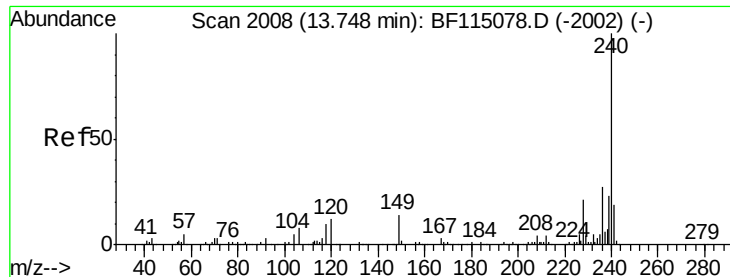
#67
 4-Bromophenyl-phenylether
 Concen: 4.179 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.26 min
 Lab File: BF115200.D
 Acq: 25 Jun 2019 21:05

Tgt Ion:248 Resp: 28074
 Ion Ratio Lower Upper
 248 100
 250 205.8 76.2 114.2#
 141 441.9 59.6 89.4#



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

Instrument :

BNA_F

ClientSampleId :

COMP-2

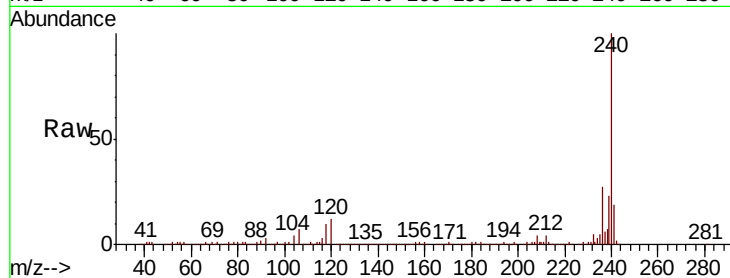
Tgt Ion:240 Resp: 560058

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

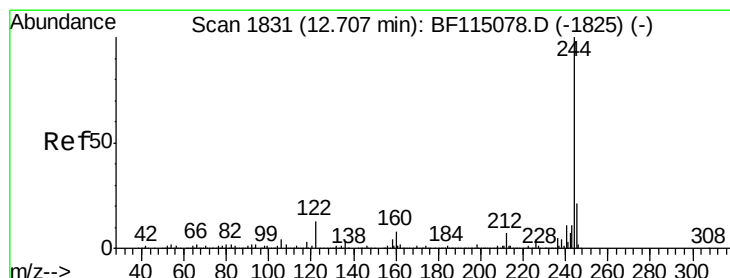
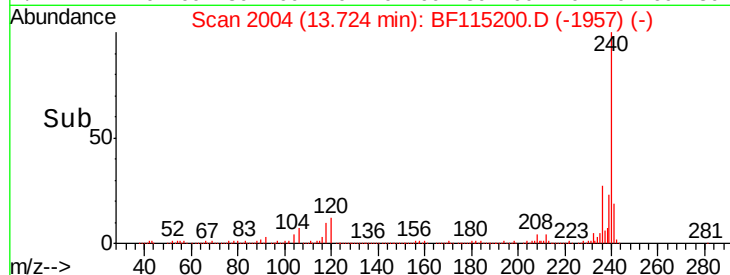
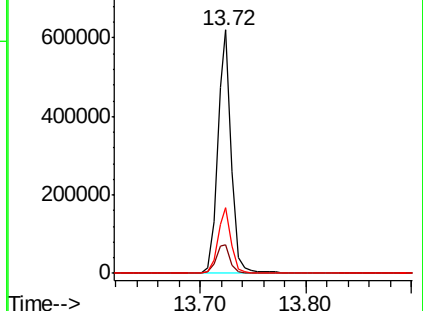
236 26.8 21.7 32.5



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: 74.616 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115200.D

Acq: 25 Jun 2019 21:05

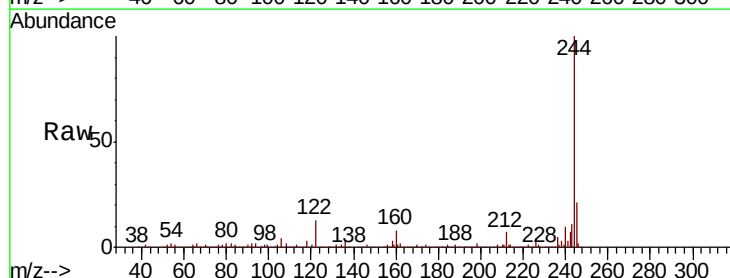
Tgt Ion:244 Resp: 1965492

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

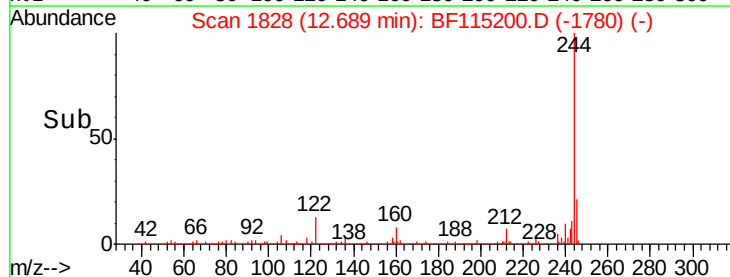
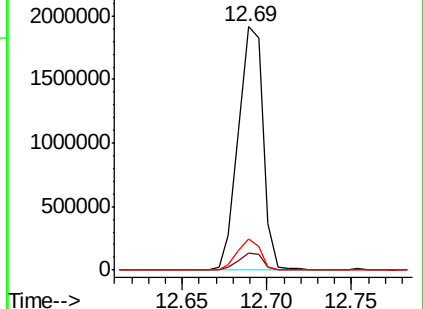
122 13.0 10.4 15.6

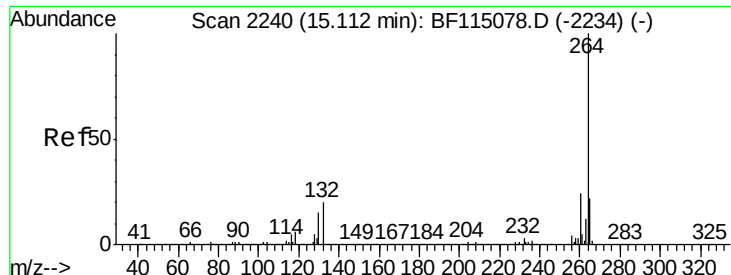


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115200.D
Acq: 25 Jun 2019 21:05

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.6	17.3	25.9

