

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115092.D
 Acq On : 21 Jun 2019 21:51
 Operator : HP/JU
 Sample : PB120707BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	257787	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	986991	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	487970	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	982093	20.00	ng	0.00
76) Chrysene-d12	13.74	240	814994	20.00	ng	-0.01
87) Perylene-d12	15.10	264	836489	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1899819	113.73	ng	0.01
7) Phenol-d6	6.25	99	2292685	113.07	ng	0.00
23) Nitrobenzene-d5	7.17	82	1396119	87.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	659118	128.09	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2522255	87.80	ng	0.00
79) Terphenyl-d14	12.71	244	2963357	77.31	ng	0.00

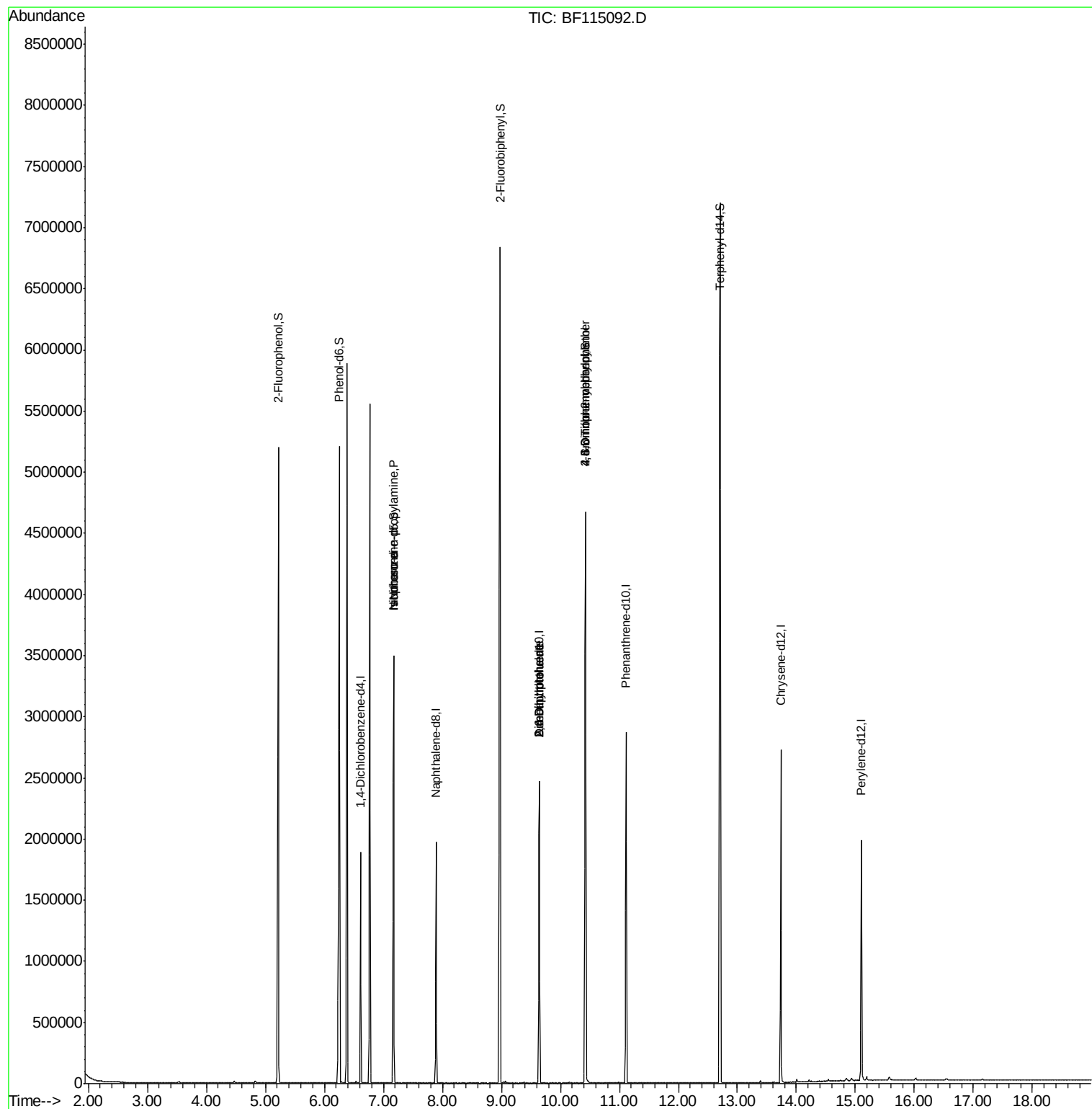
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	187119	14.415	ng	# 78
25) Isophorone	7.17	82	1335871	40.643	ng	# 63
50) Dimethylphthalate	9.64	163	139345	3.881	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	63393	7.648	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	63393	5.923	ng	# 30
58) Fluorene	10.42	166	29464	Below Cal		# 87
65) 4,6-Dinitro-2-methylphenol	10.42	198	1550	5.226	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	41522	3.900	ng	# 1

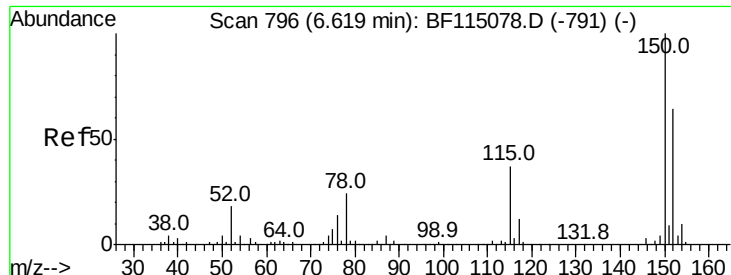
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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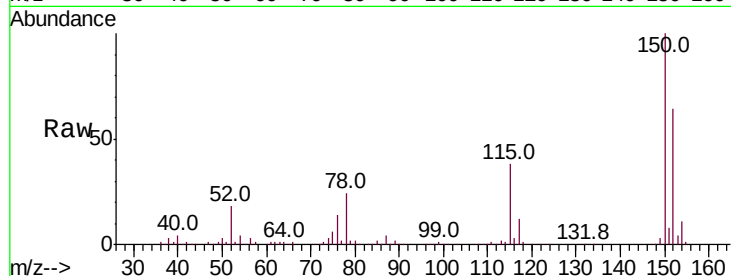


#1

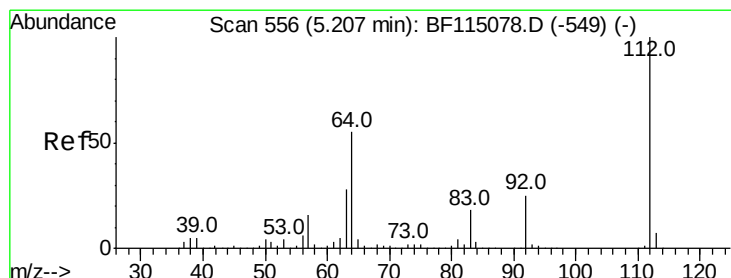
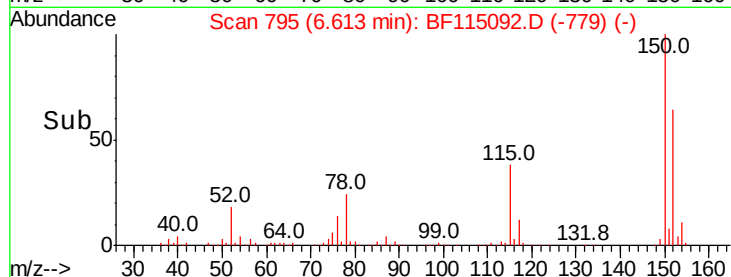
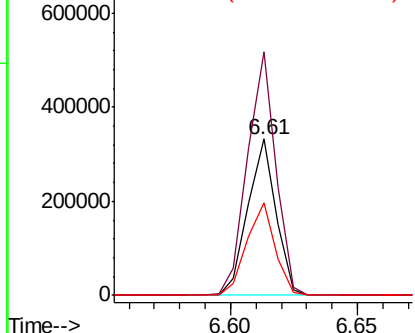
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 257787
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.1 46.1 69.1



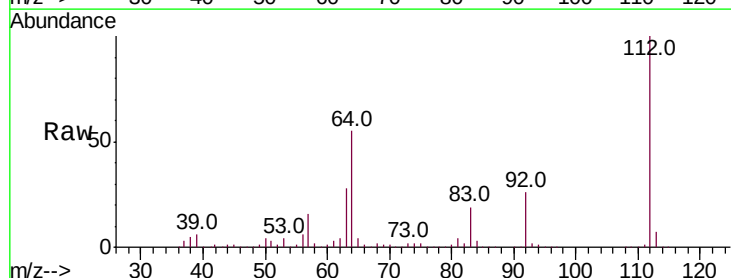
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



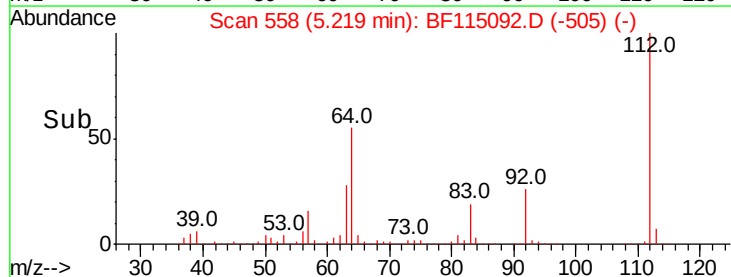
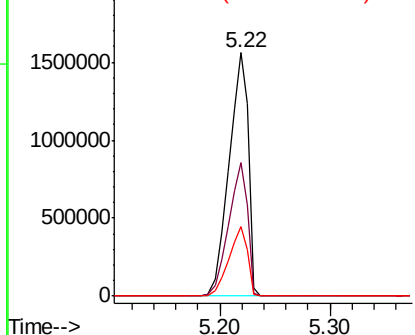
#5

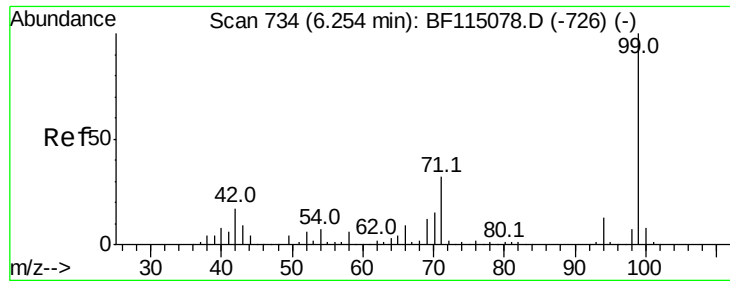
2-Fluorophenol
Concen: 113.727 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Tgt Ion:112 Resp: 1899819
Ion Ratio Lower Upper
112 100
64 55.0 43.8 65.6
63 28.4 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: 113.075 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_F

ClientSampled :

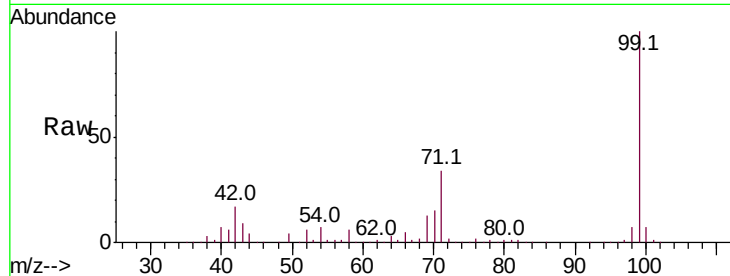
Tot Ion: 99 Resp: 2292685

Ion Ratio Lower Upper

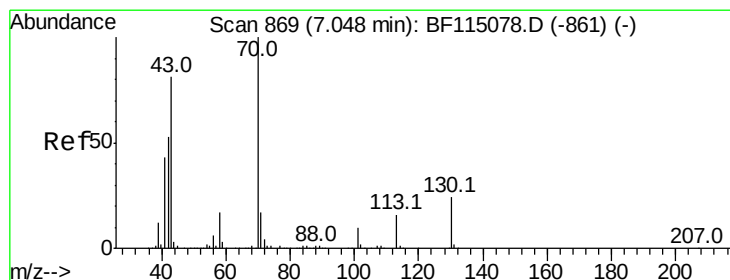
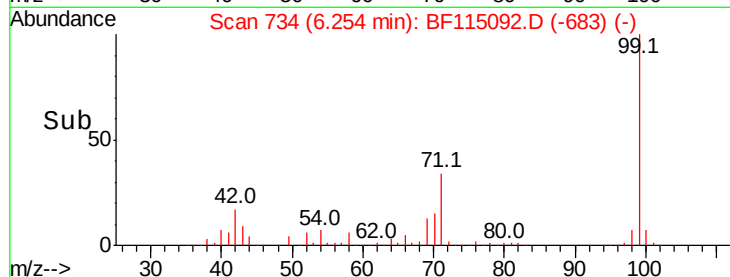
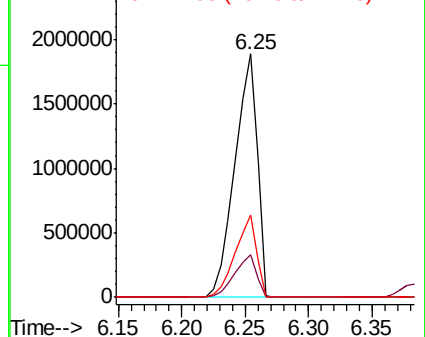
99 100

42 17.3 13.6 20.4

71 33.7 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: 14.415 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Tgt Ion: 70 Resp: 187119

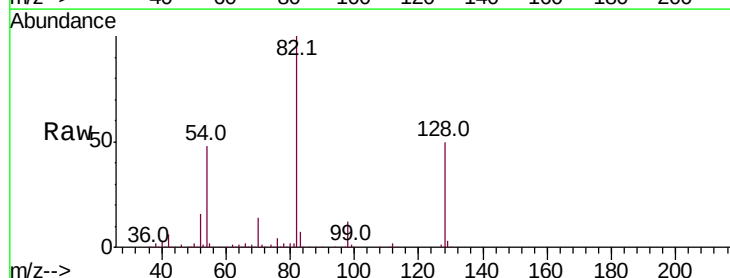
Ion Ratio Lower Upper

70 100

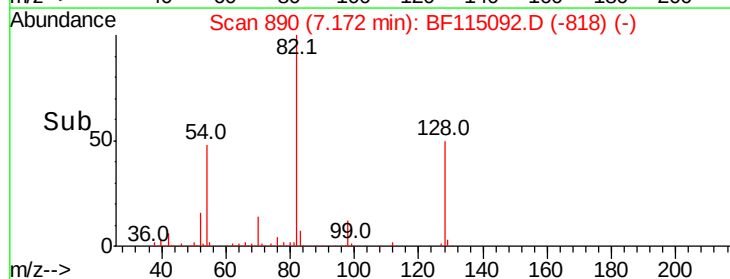
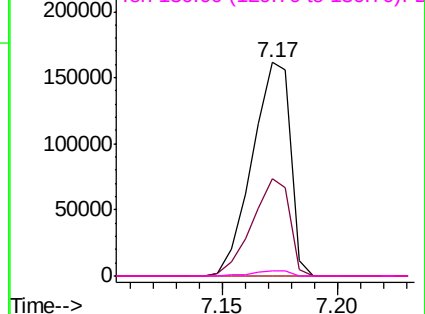
42 45.6 42.6 63.8

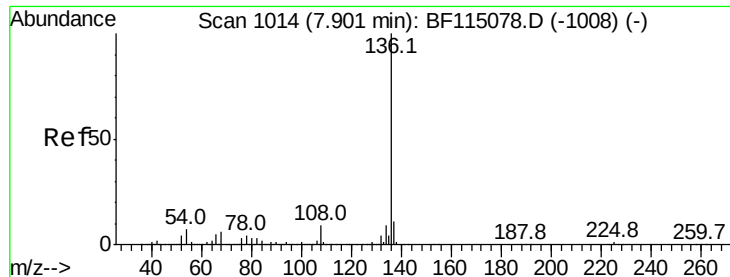
101 0.0 8.0 12.0#

130 2.3 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

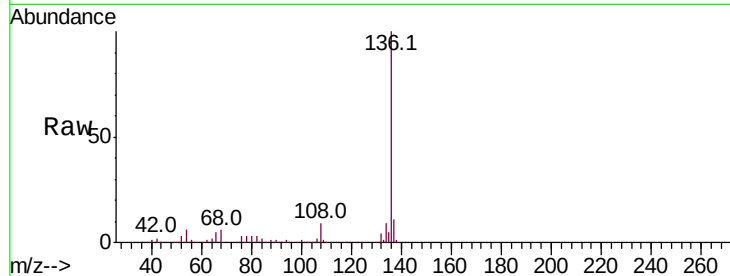




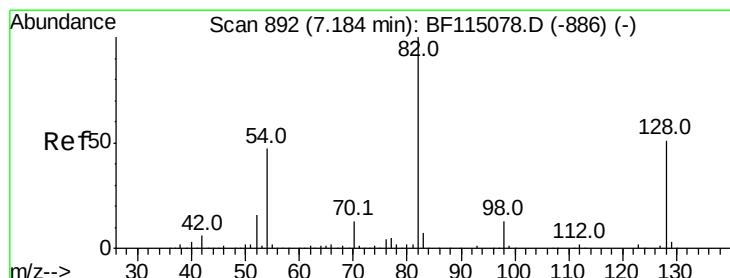
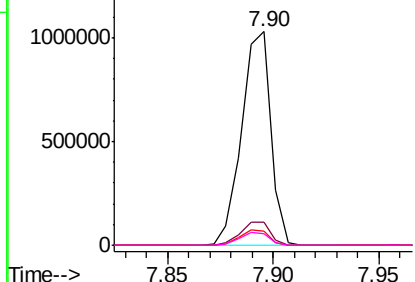
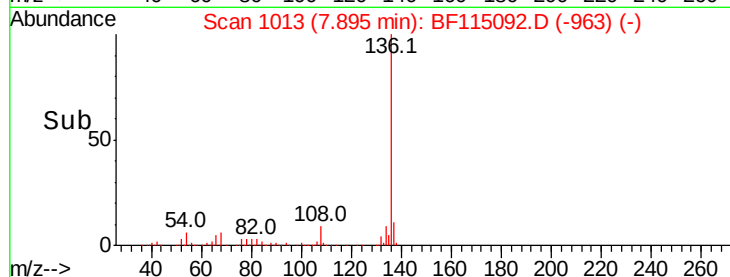
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	986991
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 6.4	5.6	8.4
68 5.5	4.8	7.2

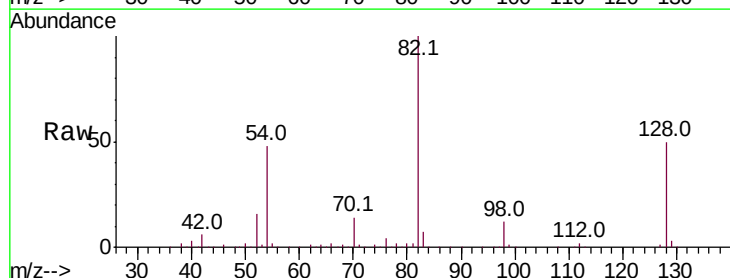


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

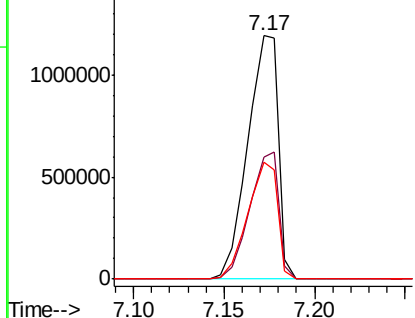
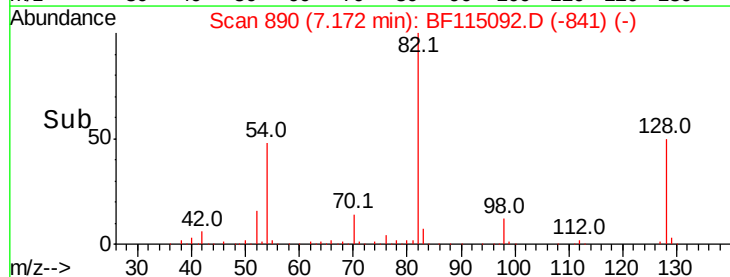


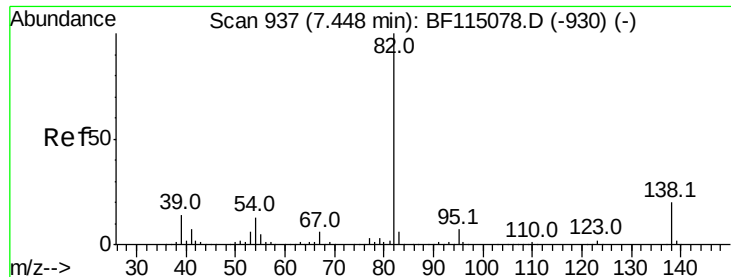
#23
Nitrobenzene-d5
Concen: 87.015 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Tgt Ion: 82	Resp: 1396119
Ion Ratio	Lower Upper
82 100	
128 50.0	40.4 60.6
54 48.1	37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.643 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_F

ClientSampleId :

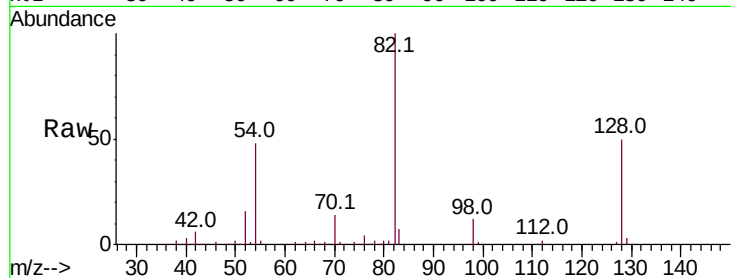
Tot Ion: 82 Resp: 1335871

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

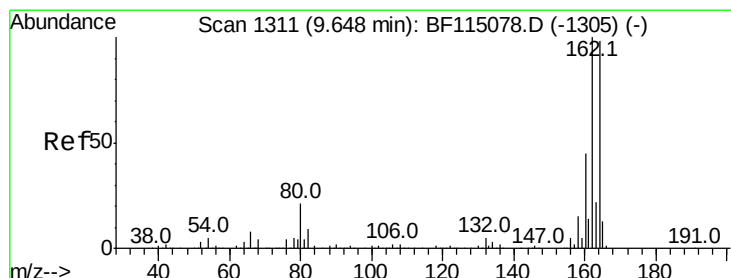
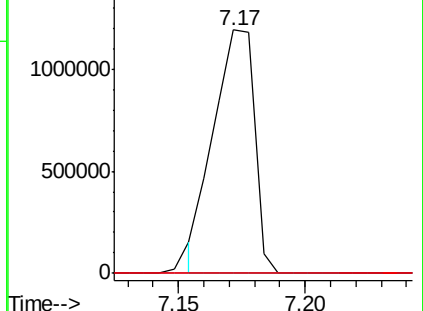
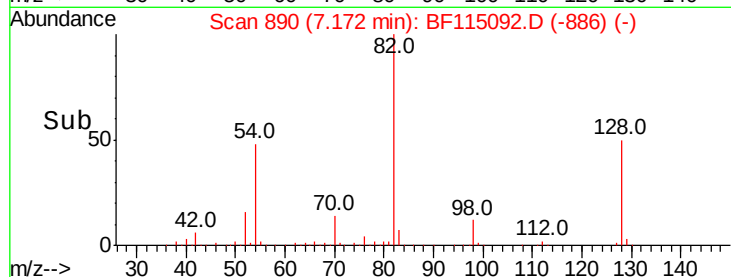
138 0.0 15.9 23.9#



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# 1310

Delta R.T. -0.01 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

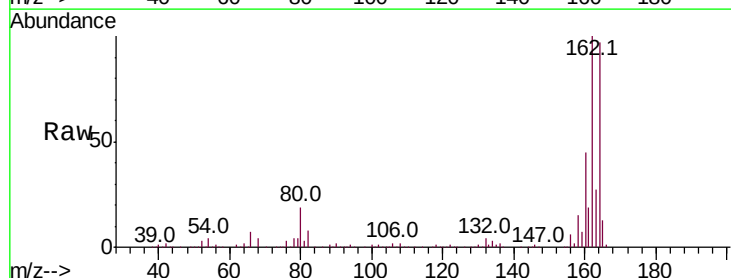
Tgt Ion:164 Resp: 487970

Ion Ratio Lower Upper

164 100

162 103.2 81.7 122.5

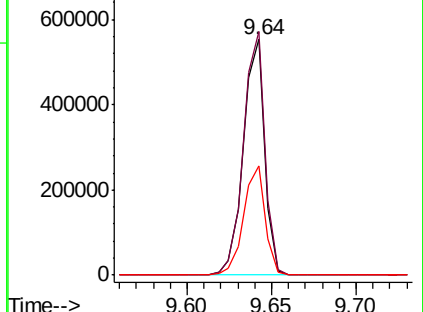
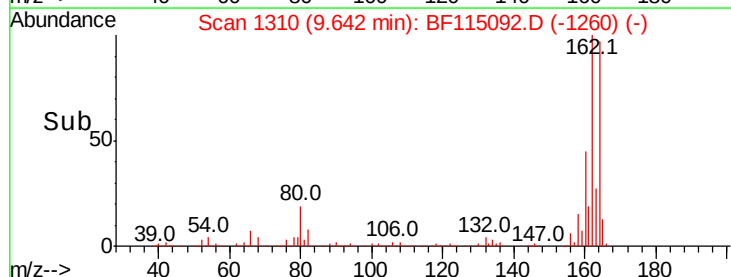
160 46.3 37.0 55.4

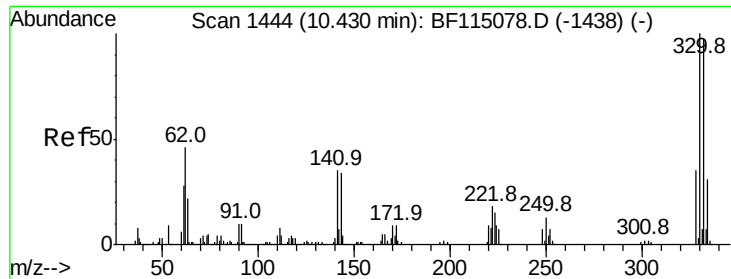


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

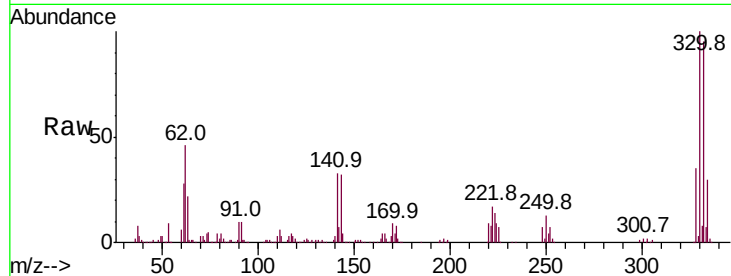




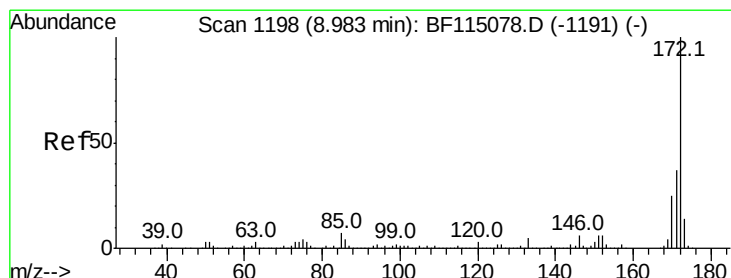
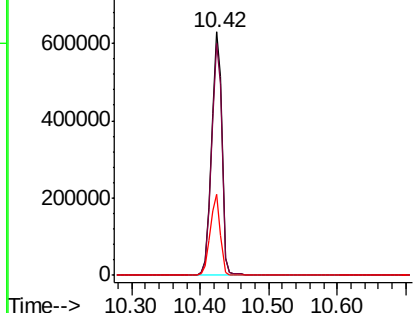
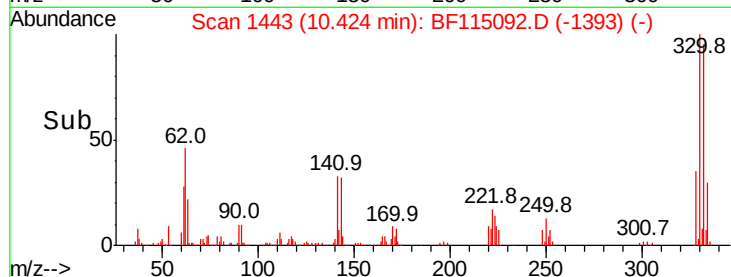
#42
 2,4,6-Tribromophenol
 Concen: 128.088 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	33.1	28.2	42.2

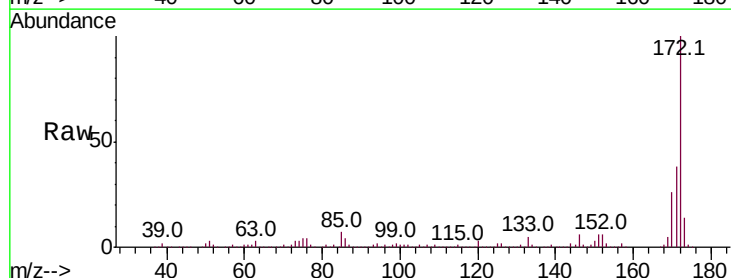


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

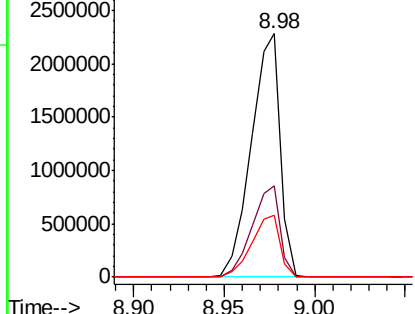
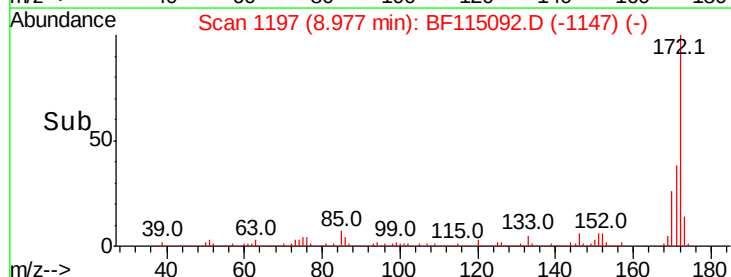


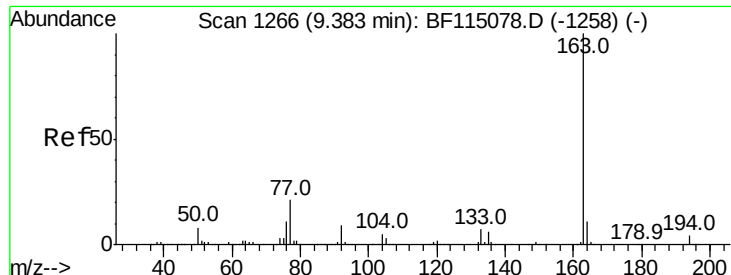
#45
 2-Fluorobiphenyl
 Concen: 87.800 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.7	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: 3.881 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.26 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_F

ClientSampleId :

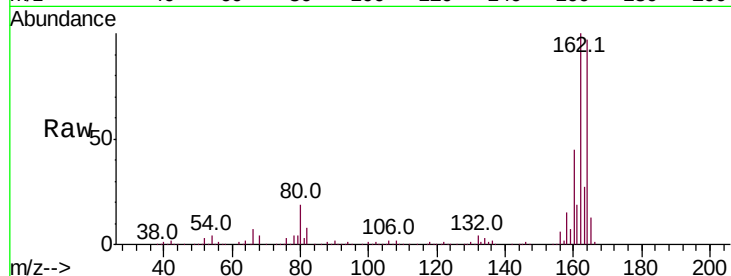
Tot Ion:163 Resp: 139345

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

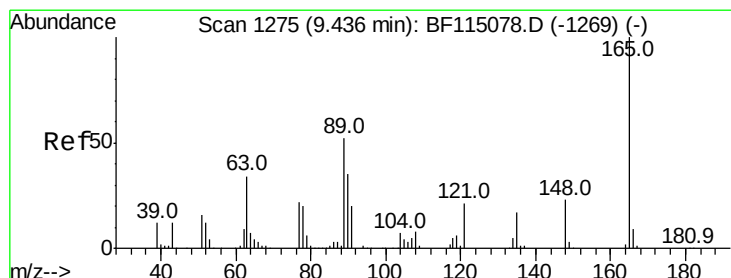
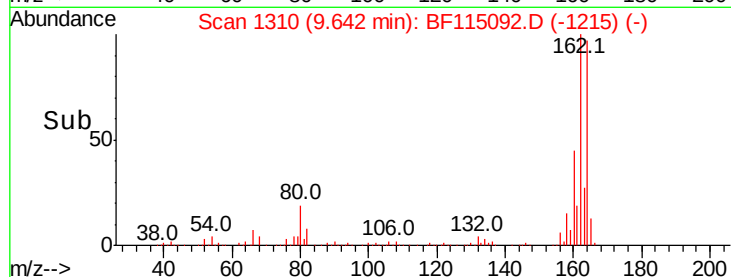
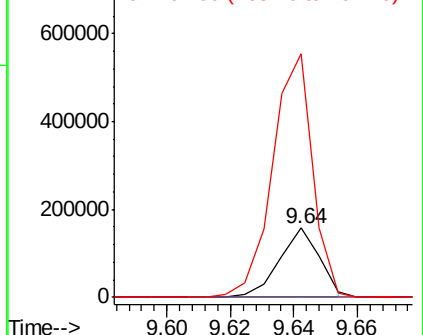
164 352.6 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.648 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

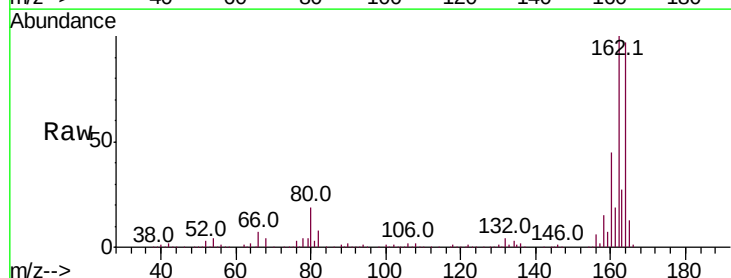
Tgt Ion:165 Resp: 63393

Ion Ratio Lower Upper

165 100

63 1.2 39.4 59.2#

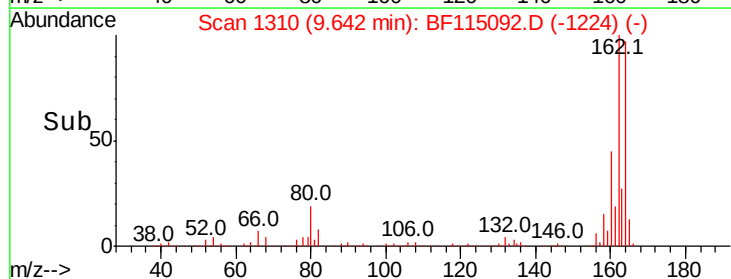
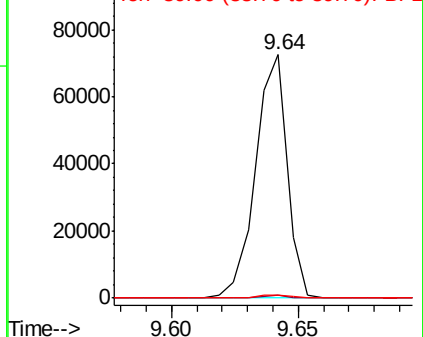
89 1.2 42.0 63.0#

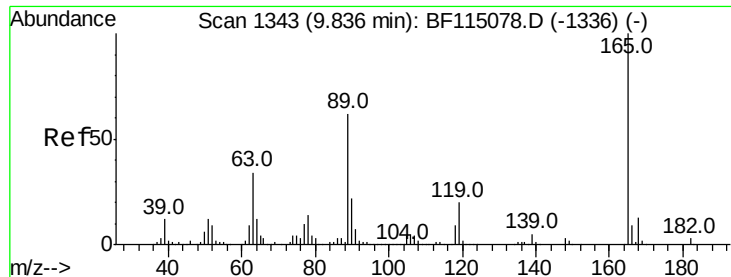


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

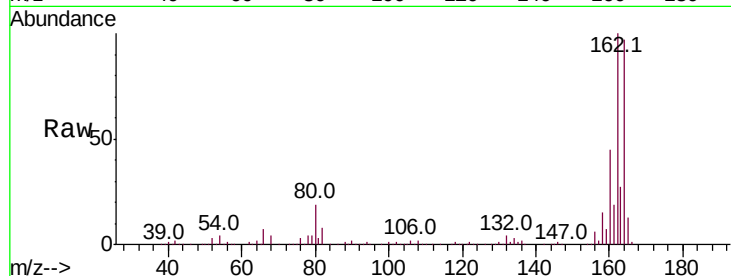




#57
2,4-Dinitrotoluene
Concen: 5.923 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



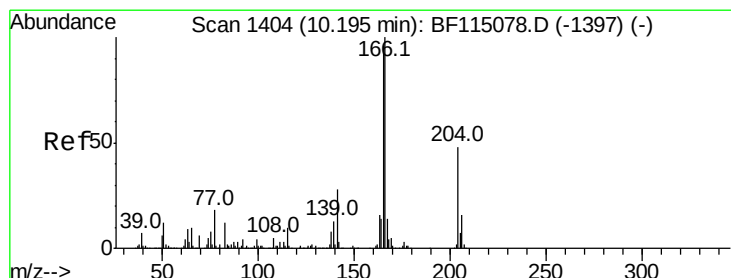
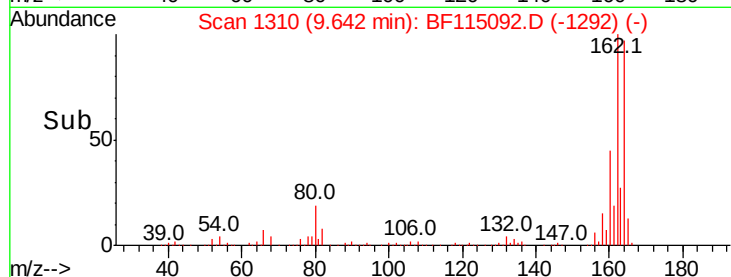
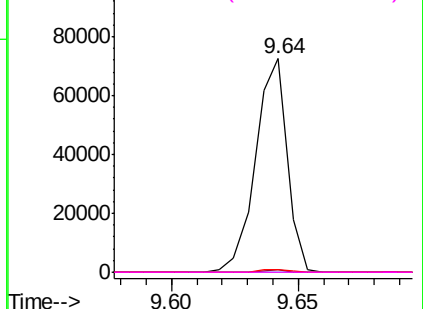
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

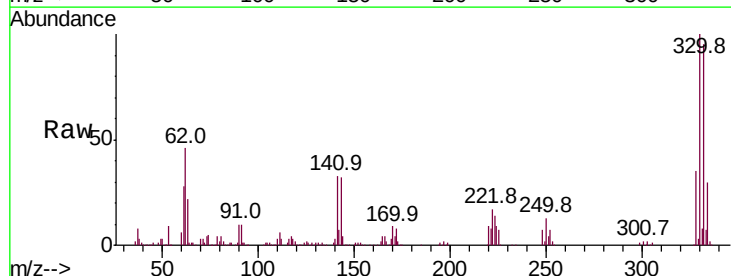
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1443
Delta R.T. 0.23 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.5	114.7
167	36.1	11.0	16.4#

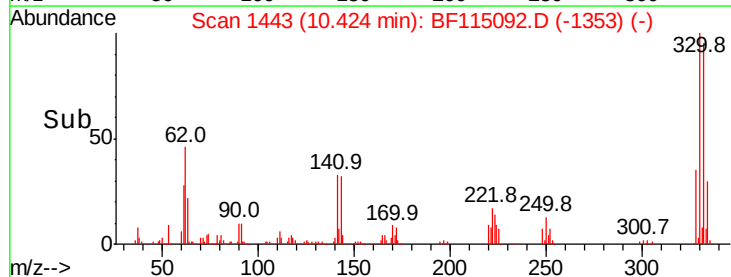
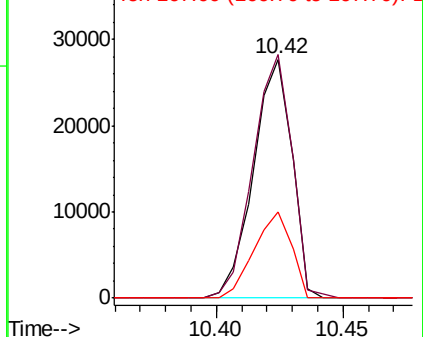


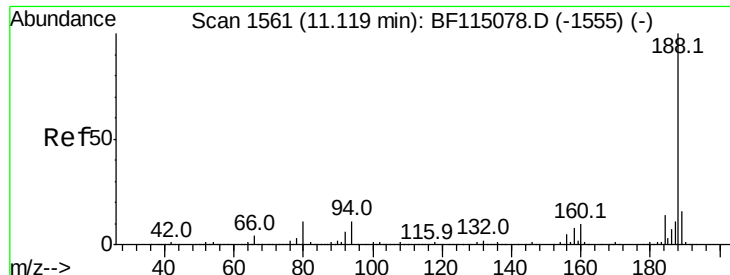
Abundance

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# 1560

Delta R.T. -0.01 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_F

ClientSampleId :

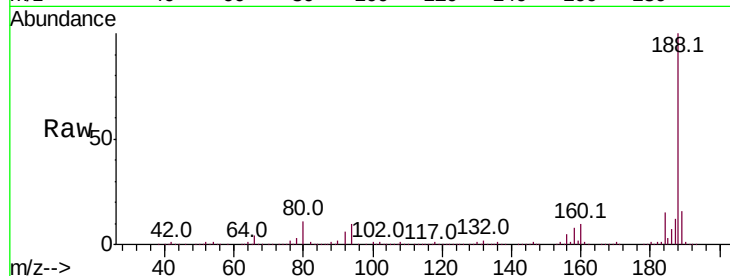
Tot Ion:188 Resp: 982093

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

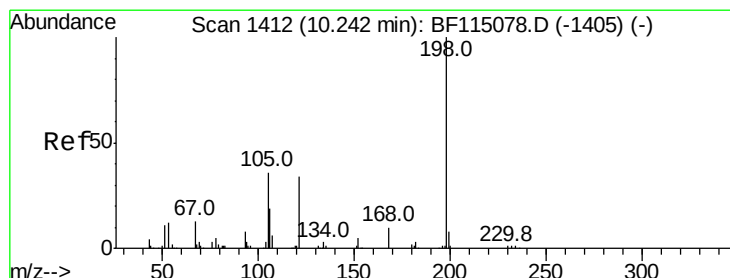
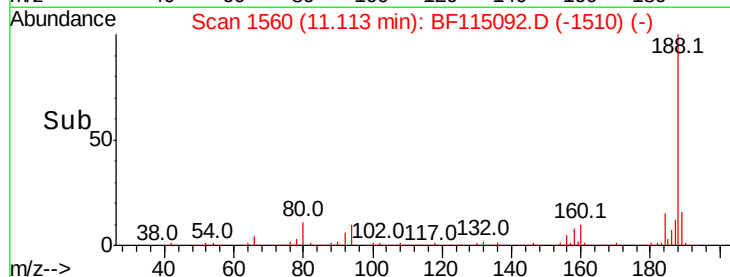
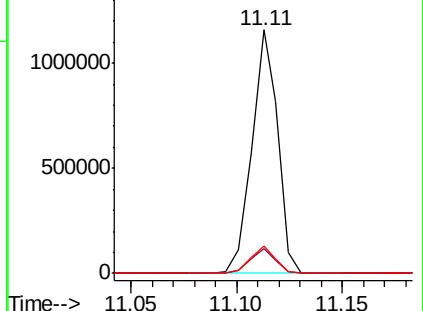
80 11.0 8.8 13.2



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: 5.226 ng

RT: 10.42 min Scan# 1443

Delta R.T. 0.18 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

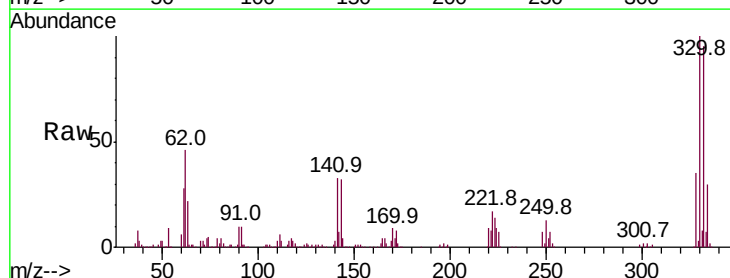
Tgt Ion:198 Resp: 1550

Ion Ratio Lower Upper

198 100

51 172.1 11.0 51.0#

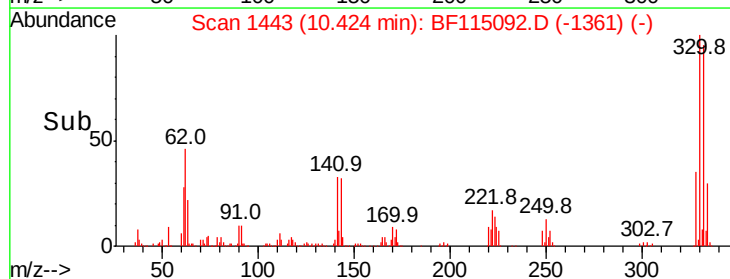
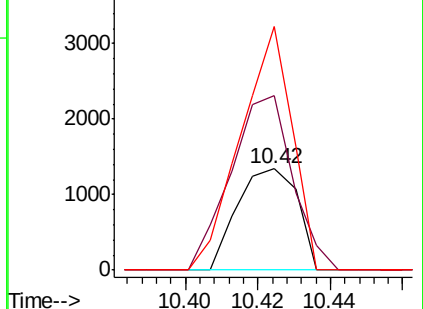
105 240.2 17.3 57.3#

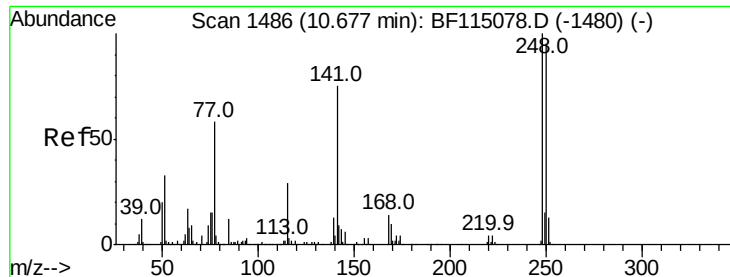


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

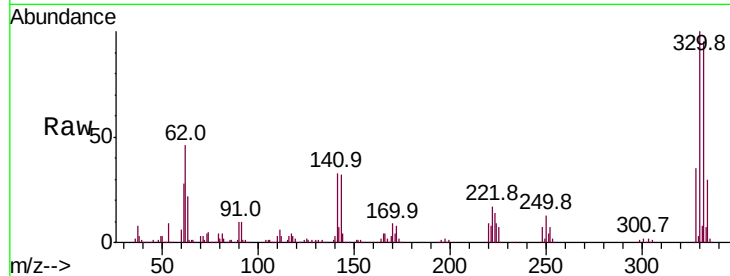




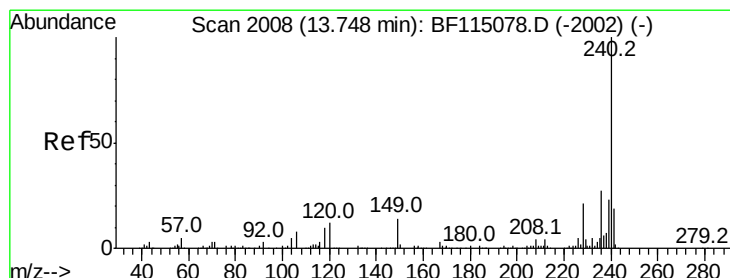
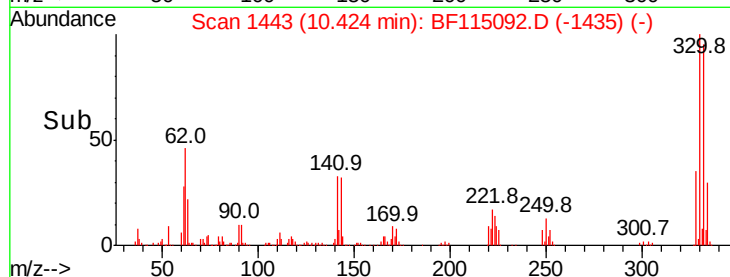
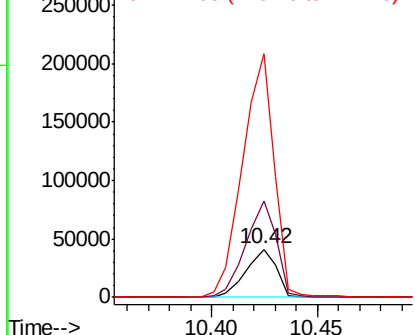
#67
4-Bromophenyl-phenylether
Concen: 3.900 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 41522
Ion Ratio Lower Upper
248 100
250 199.3 76.2 114.2#
141 504.4 59.6 89.4#

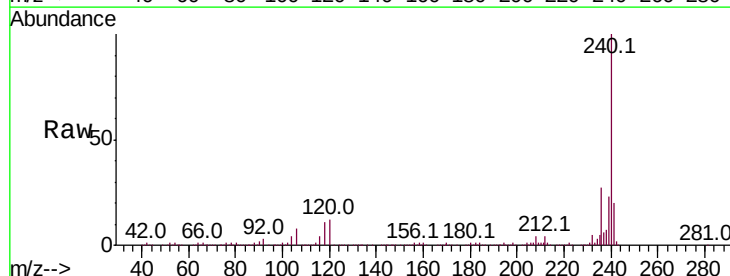


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

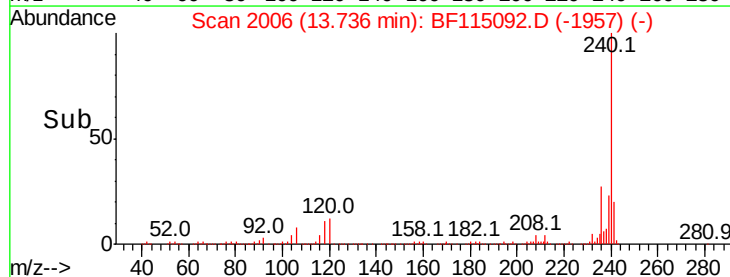
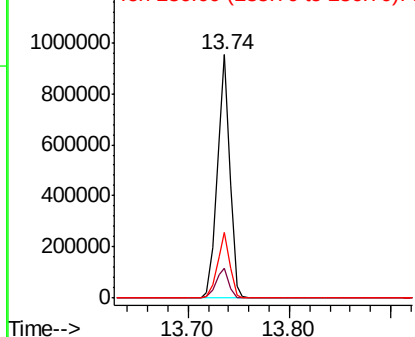


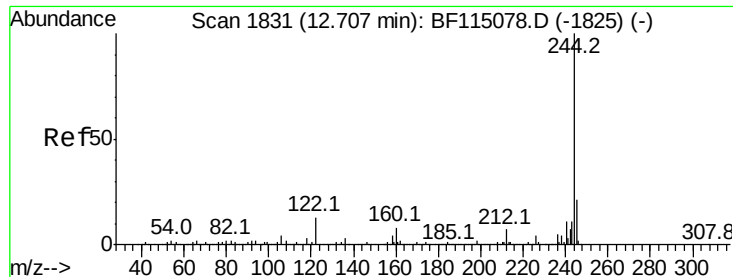
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Tgt Ion:240 Resp: 814994
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 27.2 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



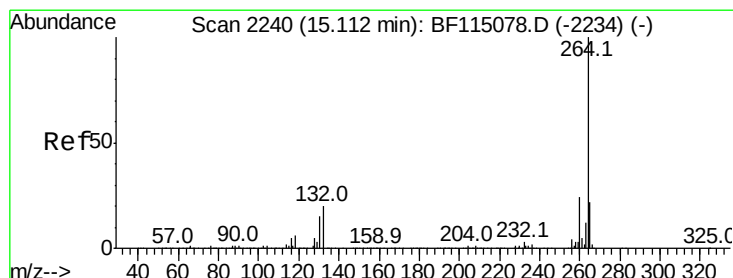
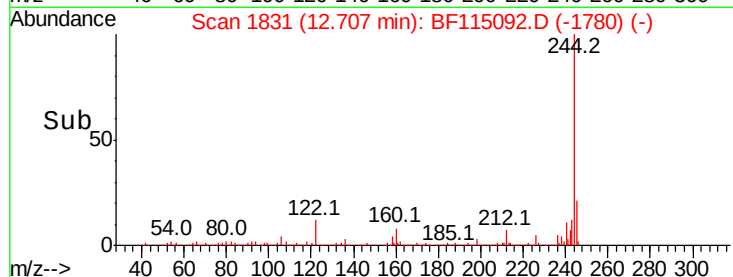
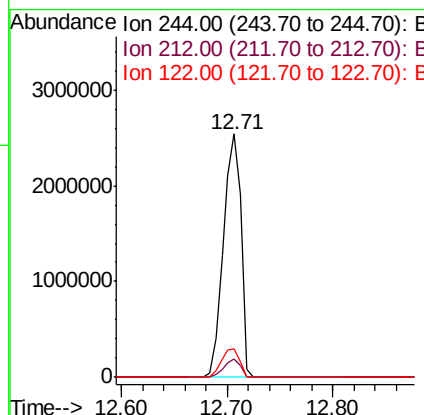
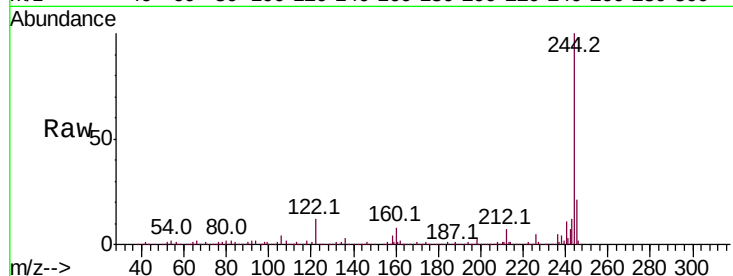


#79
 Terphenyl-d14
 Concen: 77.308 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2963357

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	11.9	10.4	15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Tgt Ion:264 Resp: 836489

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.5	17.3	25.9

