

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115365.D
 Acq On : 2 Jul 2019 17:47
 Operator : HP/JU
 Sample : K3606-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1

Quant Time: Jul 03 05:53:34 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 28 05:26:43 2019
 Response via : Initial Calibration

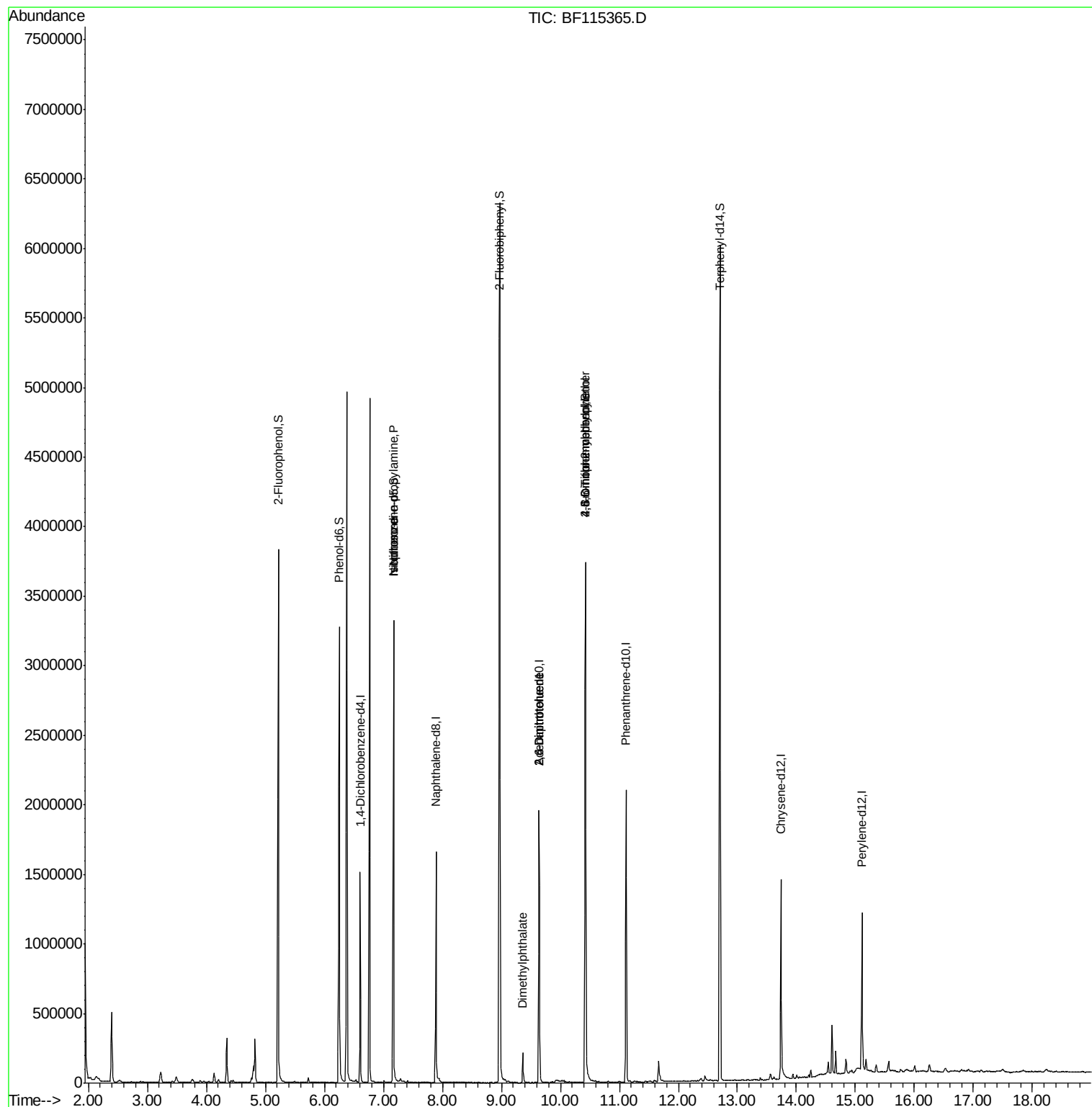
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	217996	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	818206	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	389060	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	751863	20.00	ng	0.02
76) Chrysene-d12	13.74	240	481421	20.00	ng	0.02
87) Perylene-d12	15.11	264	503559	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1291548	91.43	ng	0.03
7) Phenol-d6	6.25	99	1385918	80.83	ng	0.01
23) Nitrobenzene-d5	7.17	82	1200619	90.27	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	545407	132.94	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2213156	96.63	ng	0.01
79) Terphenyl-d14	12.71	244	2237974	98.84	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	158961	14.481	ng	# 77
25) Isophorone	7.17	82	1174652	43.111	ng	# 63
50) Dimethylphthalate	9.37	163	112487	3.930	ng	97
51) 2,6-Dinitrotoluene	9.64	165	50717	7.675	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	50717	5.944	ng	# 30
58) Fluorene	10.18	166	737	Below Cal		# 85
65) 4,6-Dinitro-2-methylphenol	10.42	198	1111	5.209	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	33436	4.102	ng	# 1

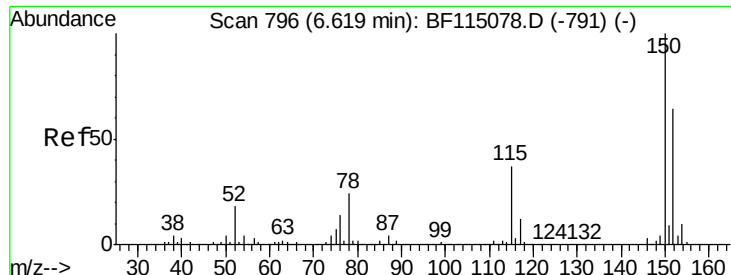
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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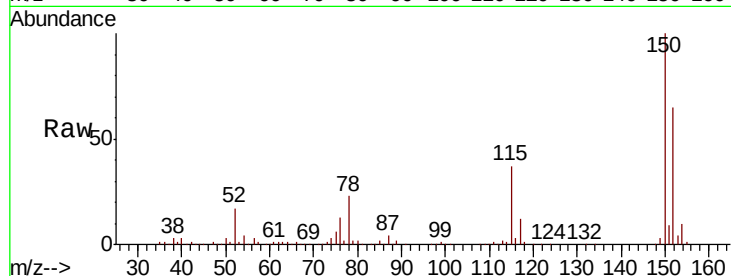


#1

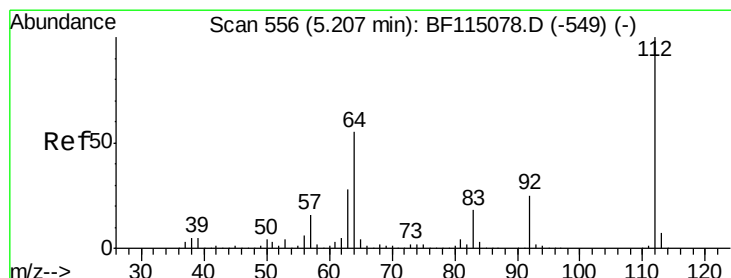
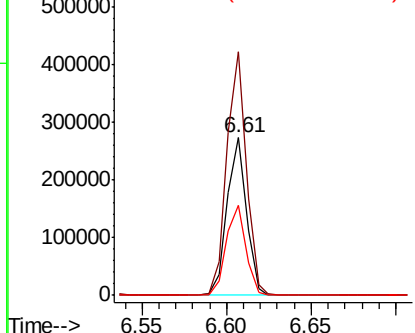
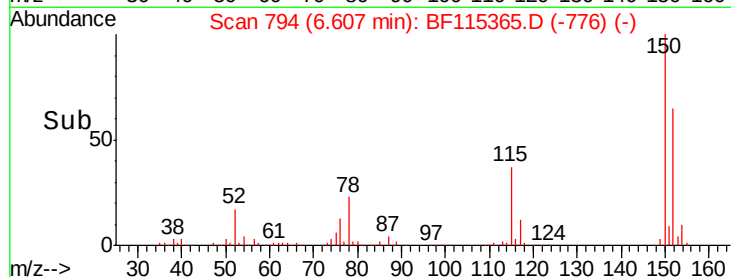
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1

Tgt Ion:152 Resp: 217996
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 57.1 46.1 69.1



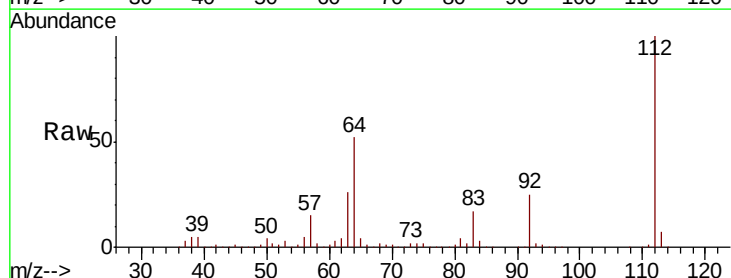
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



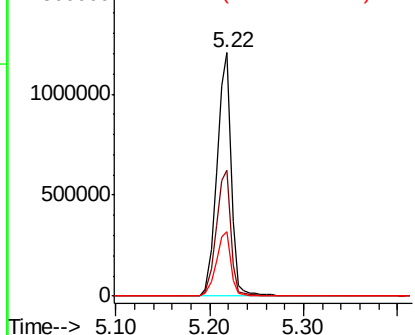
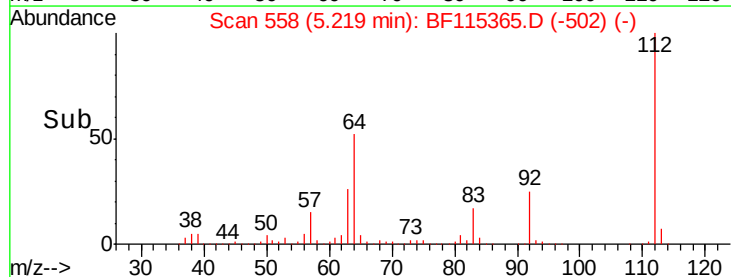
#5

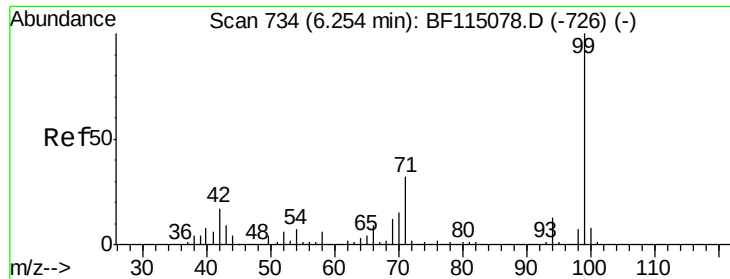
2-Fluorophenol
 Concen: 91.427 ng
 RT: 5.22 min Scan# 558
 Delta R.T. 0.03 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Tgt Ion:112 Resp: 1291548
 Ion Ratio Lower Upper
 112 100
 64 51.9 43.8 65.6
 63 26.5 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: 80.830 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115365.D

Acq: 2 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1

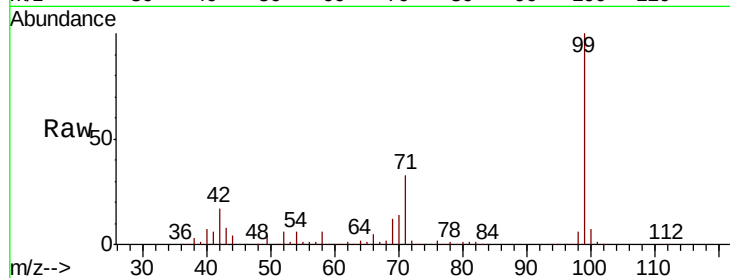
Tgt Ion: 99 Resp: 1385918

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

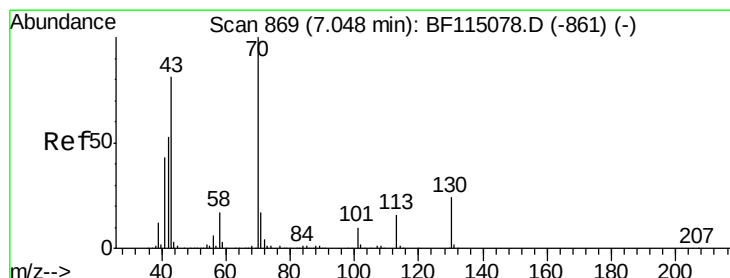
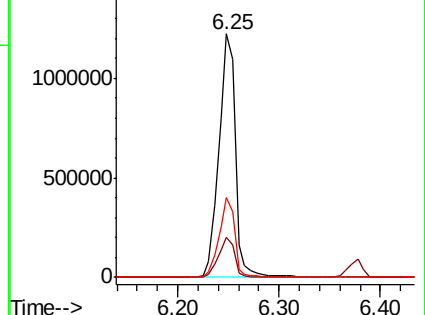
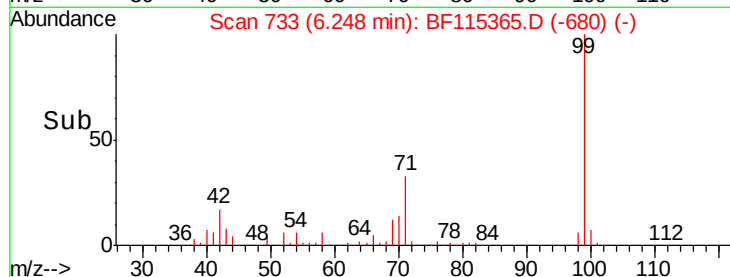
71 33.0 25.5 38.3



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: 14.481 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF115365.D

Acq: 2 Jul 2019 17:47

Tgt Ion: 70 Resp: 158961

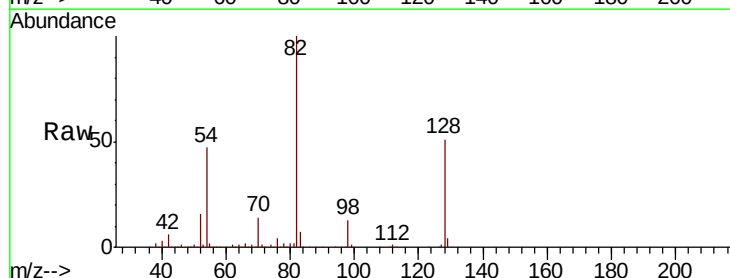
Ion Ratio Lower Upper

70 100

42 44.4 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

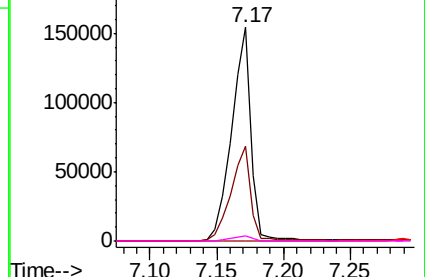
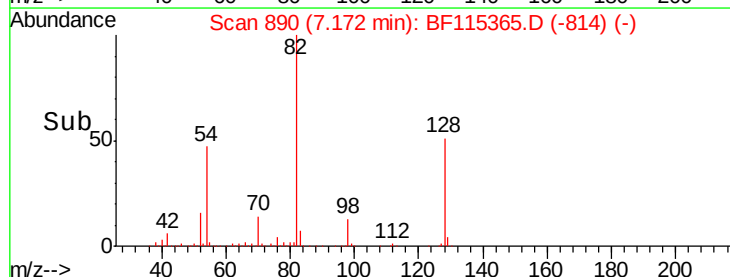


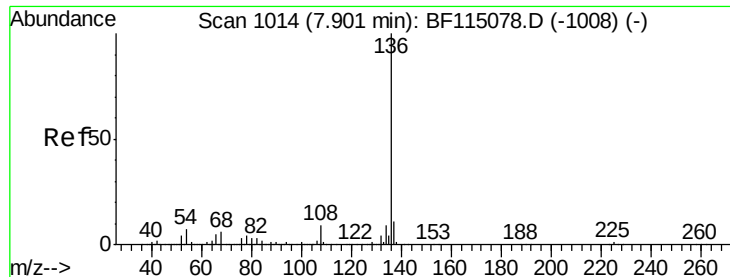
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

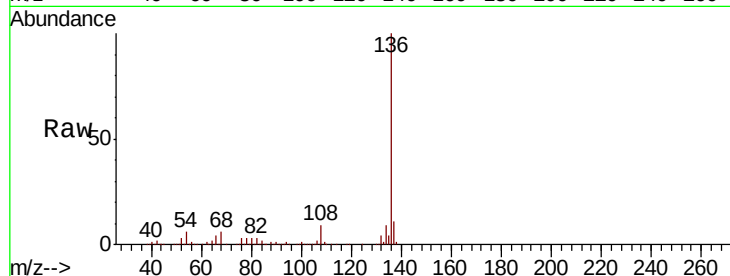




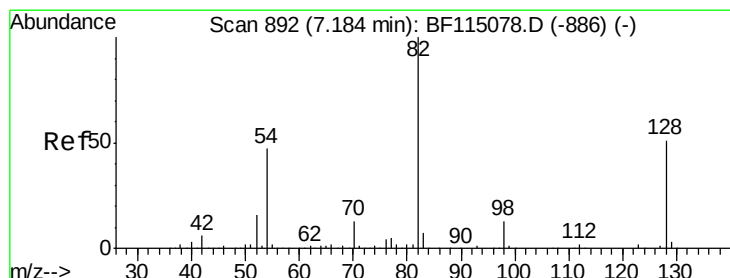
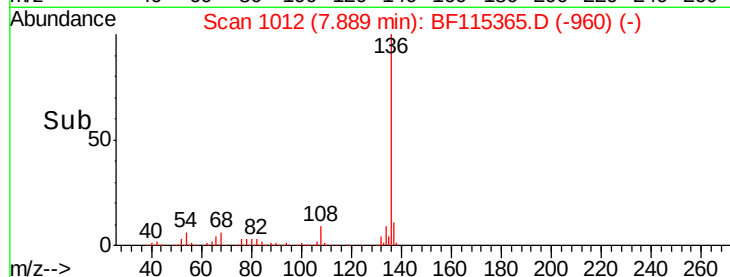
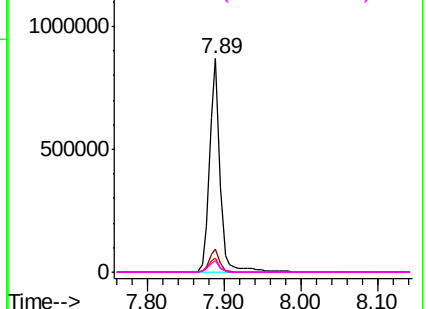
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115365.D
Acq: 2 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1

Tgt Ion:	136	Resp:	818206
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	5.6	8.4
68	5.6	4.8	7.2

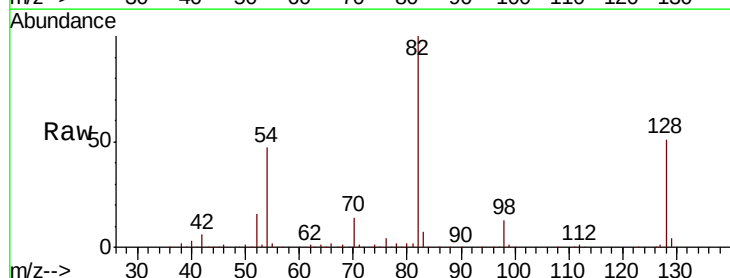


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

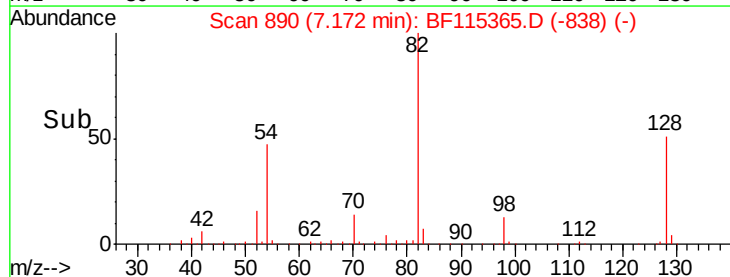
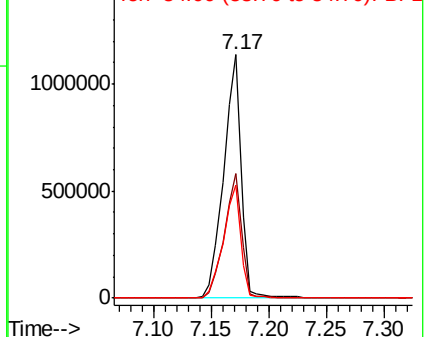


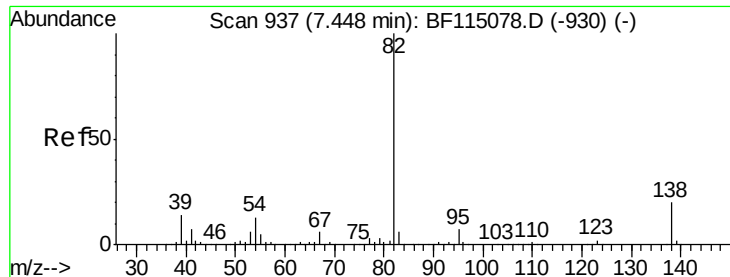
#23
Nitrobenzene-d5
Concen: 90.266 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115365.D
Acq: 2 Jul 2019 17:47

Tgt Ion:	82	Resp:	1200619
Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.4	60.6
54	46.5	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: 43.111 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.25 min

Lab File: BF115365.D

Acq: 2 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1

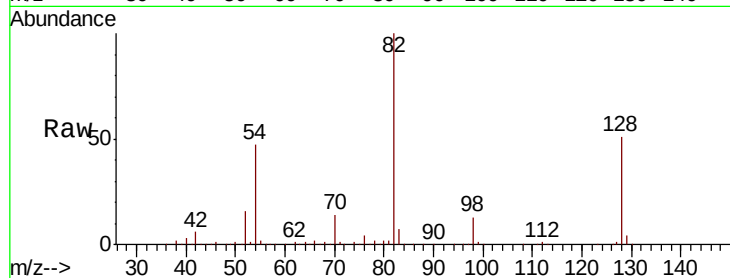
Tgt Ion: 82 Resp: 1174652

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

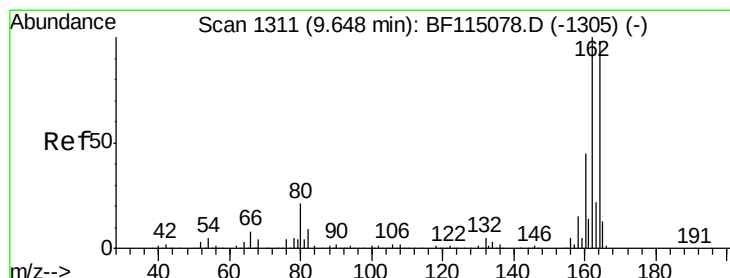
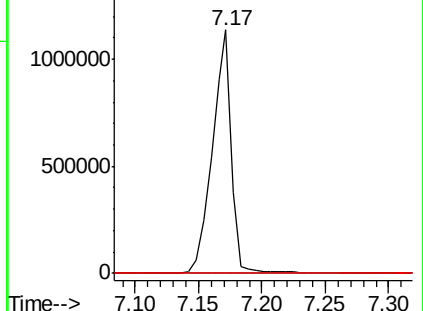
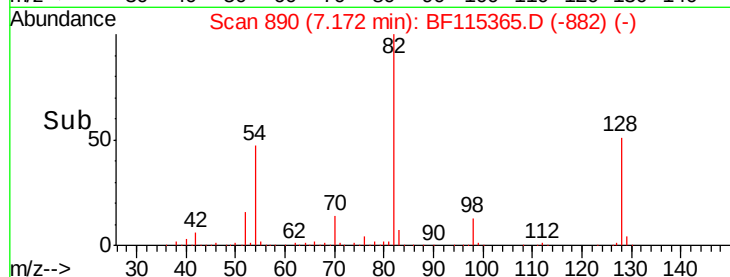
138 0.0 15.9 23.9#



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: BF115365.D

Acq: 2 Jul 2019 17:47

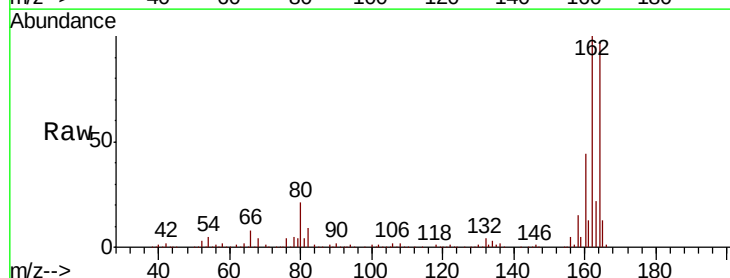
Tgt Ion: 164 Resp: 389060

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

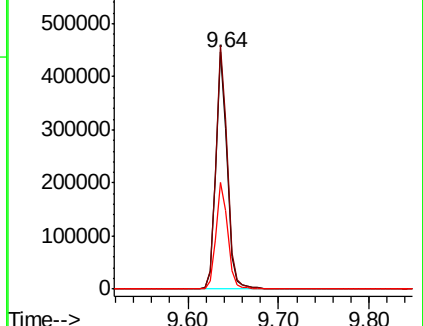
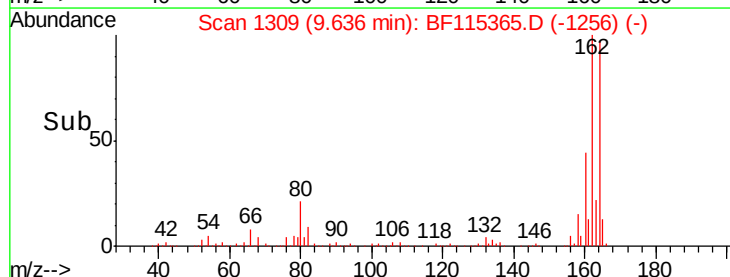
160 45.2 37.0 55.4

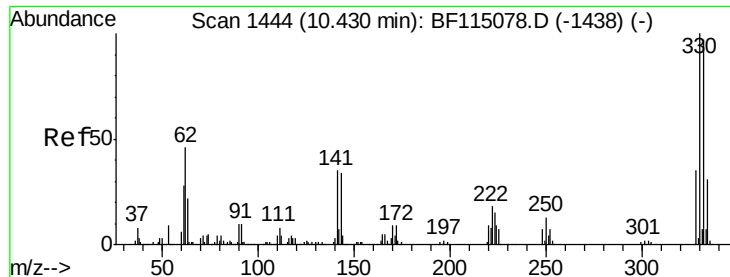


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

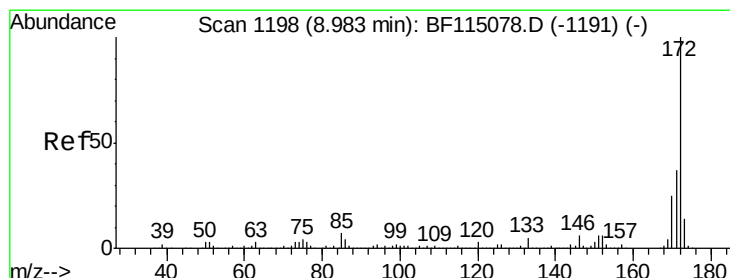
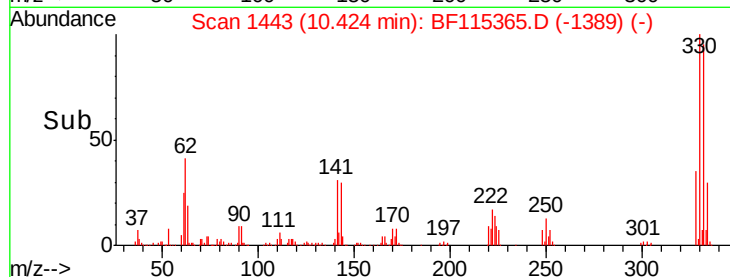
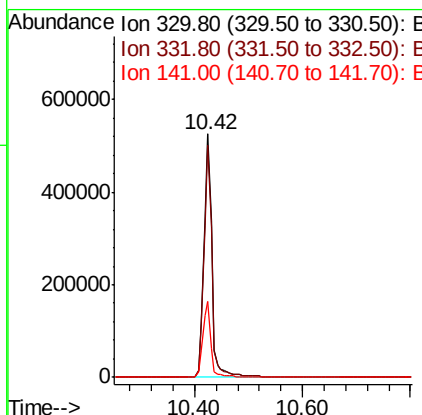
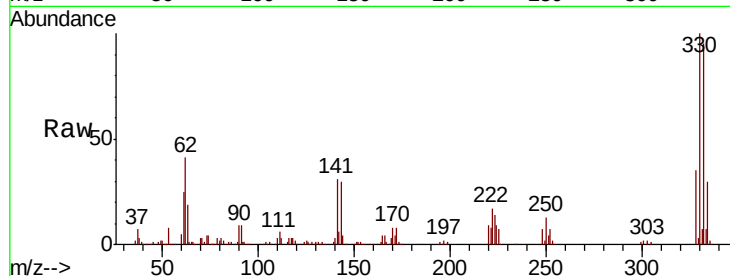




#42
 2,4,6-Tribromophenol
 Concen: 132.936 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

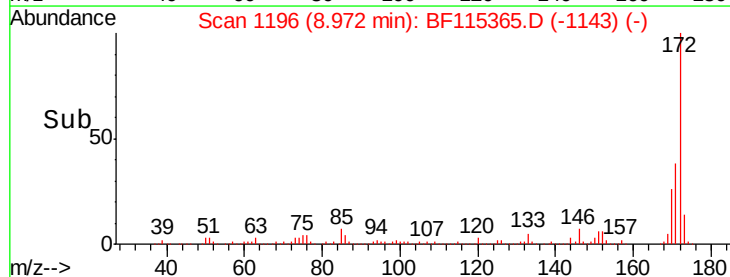
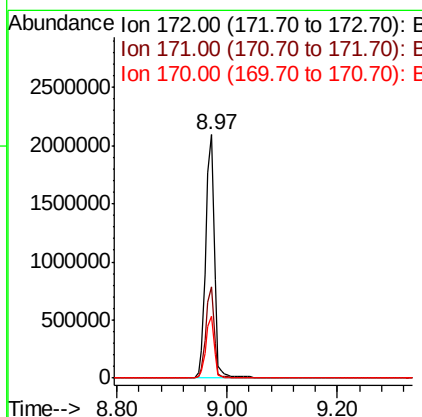
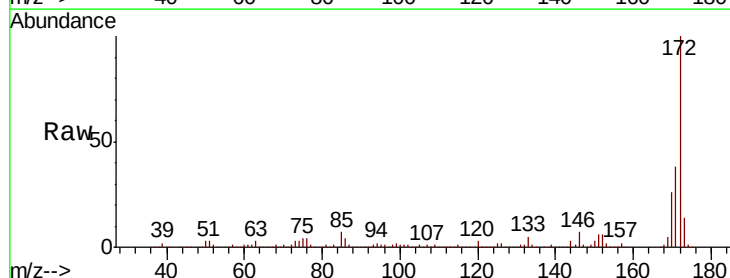
Instrument :
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 HJDC-COMP-1

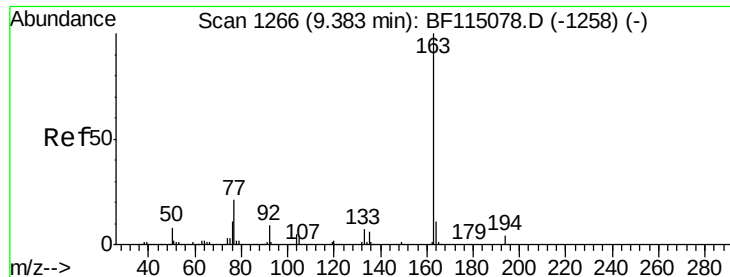
Tgt Ion:330 Resp: 545407
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.4 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 96.626 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Tgt Ion:172 Resp: 2213156
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.6 20.3 30.5





#50

Dimethylphthalate

Concen: 3.930 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115365.D

Acq: 2 Jul 2019 17:47

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1

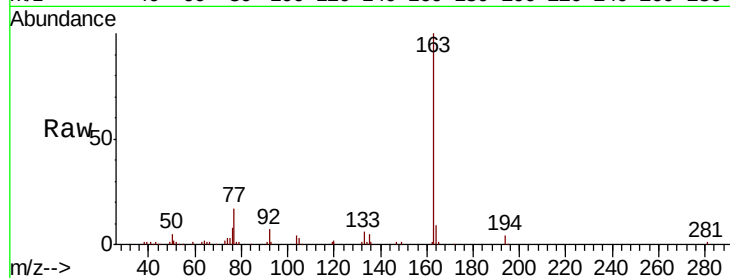
Tgt Ion:163 Resp: 112487

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

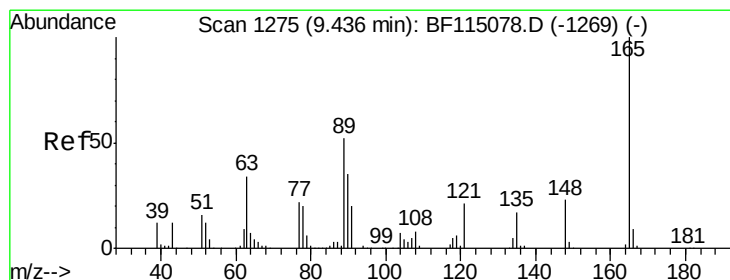
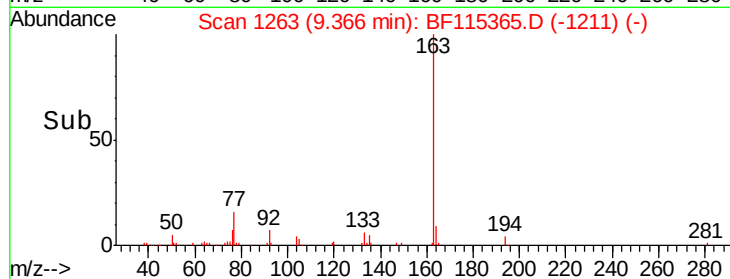
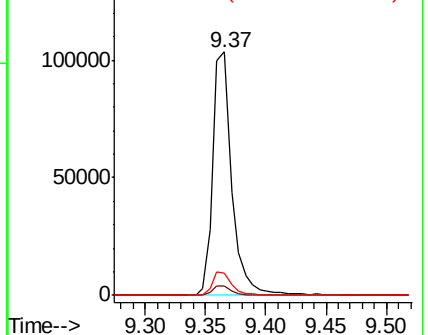
164 9.3 8.6 13.0



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: 7.675 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.22 min

Lab File: BF115365.D

Acq: 2 Jul 2019 17:47

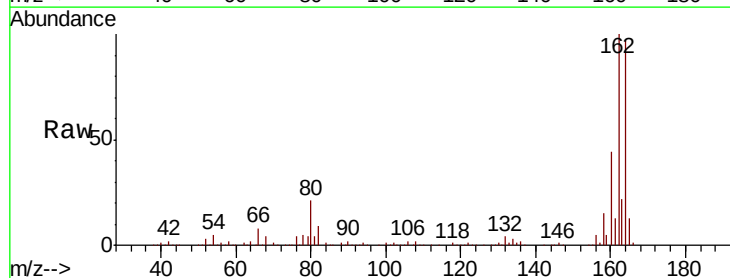
Tgt Ion:165 Resp: 50717

Ion Ratio Lower Upper

165 100

63 1.2 39.4 59.2#

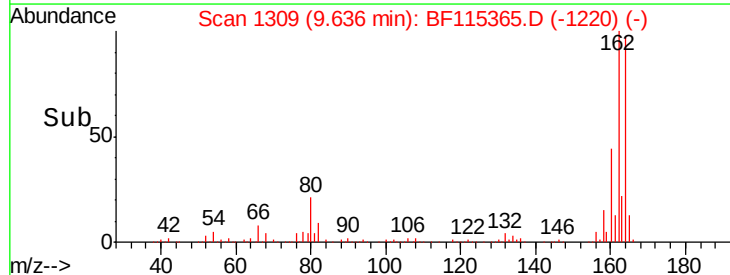
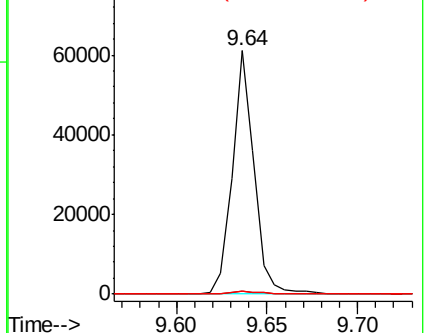
89 1.1 42.0 63.0#

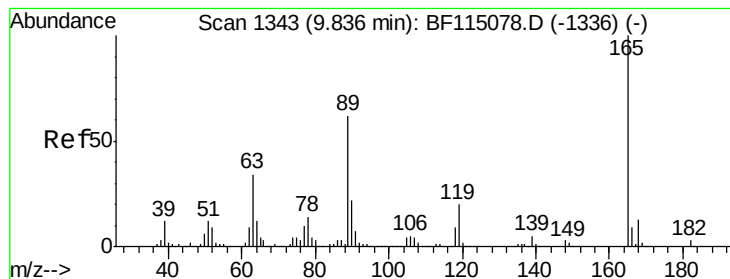


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

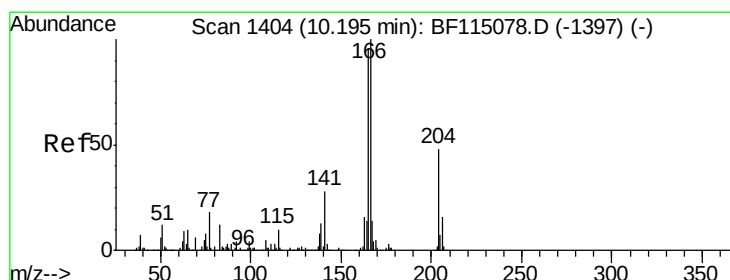
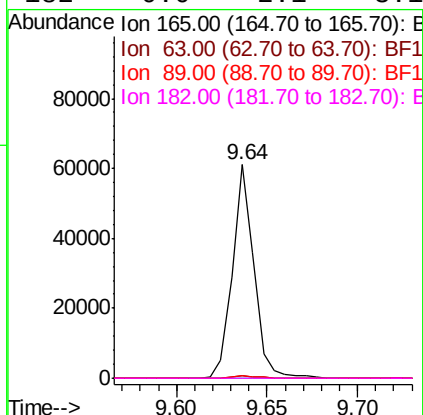
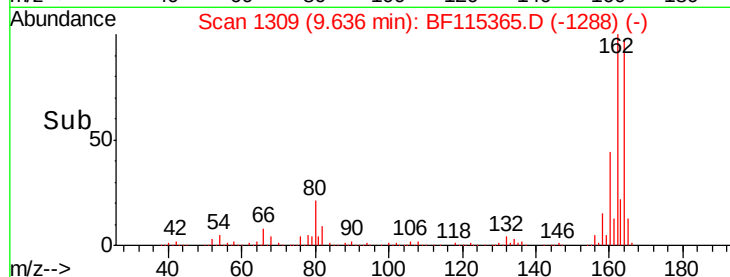
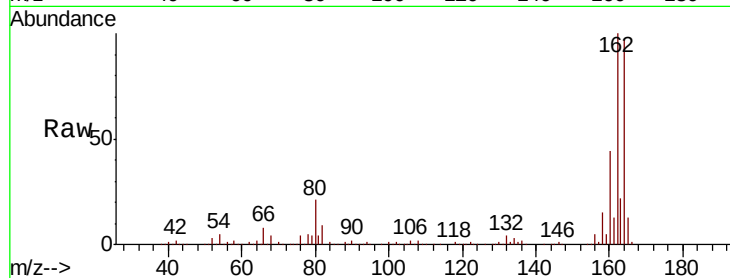




#57
 2,4-Dinitrotoluene
 Concen: 5.944 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.18 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

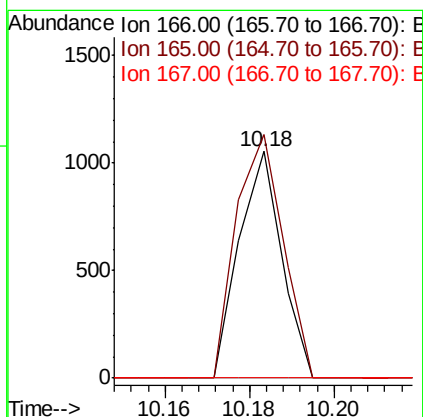
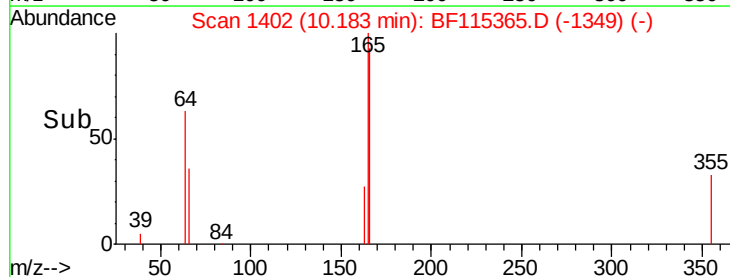
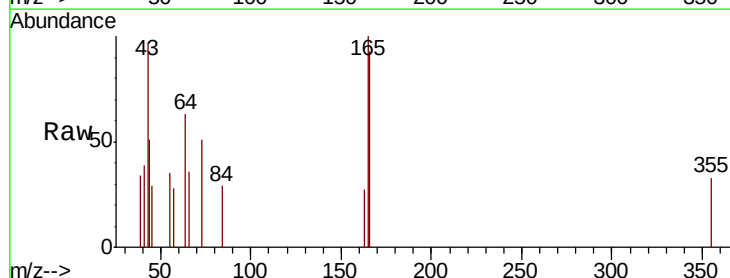
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1

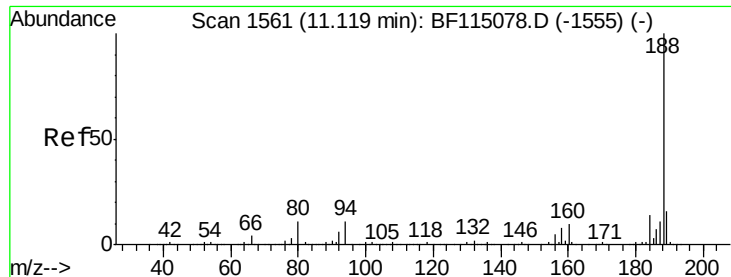
Tgt Ion:	165	Resp:	50717
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Tgt Ion:	166	Resp:	737
Ion	Ratio	Lower	Upper
166	100		
165	107.4	76.5	114.7
167	0.0	11.0	16.4#

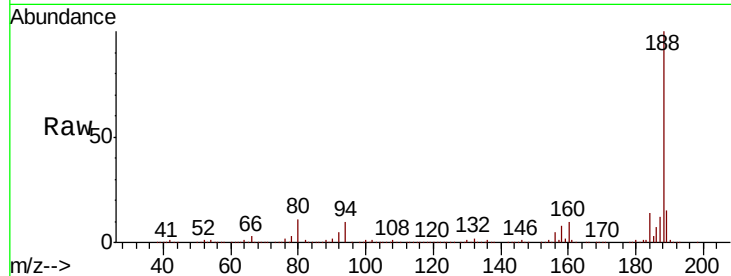




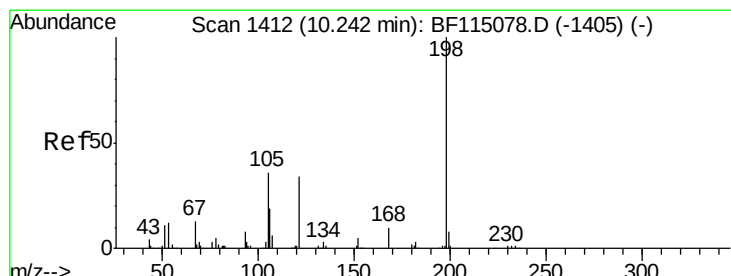
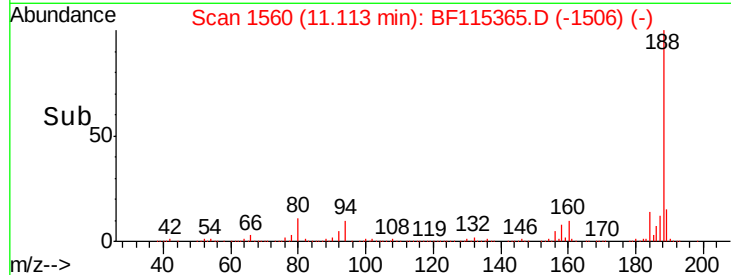
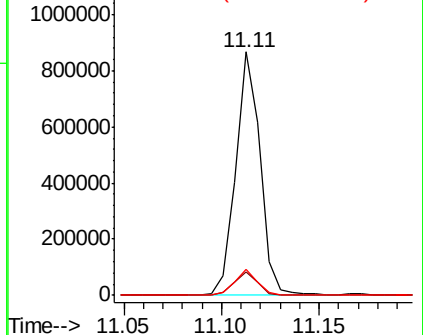
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1560
 Delta R.T. 0.02 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.5	8.8	13.2

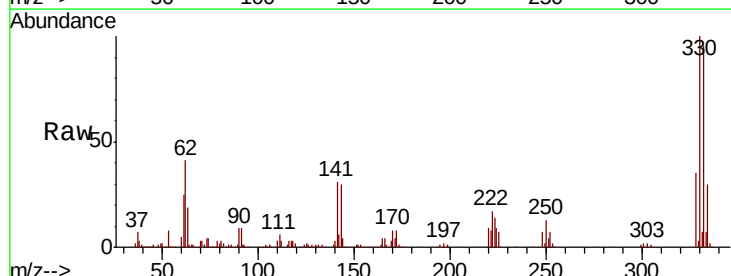


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

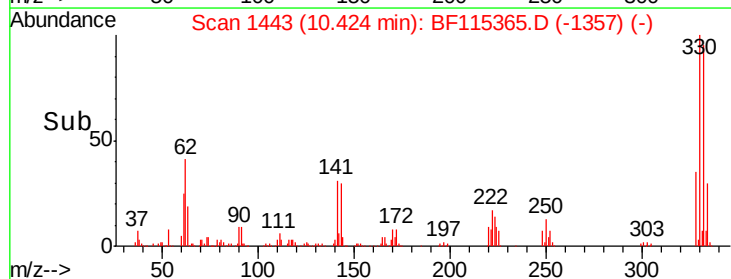
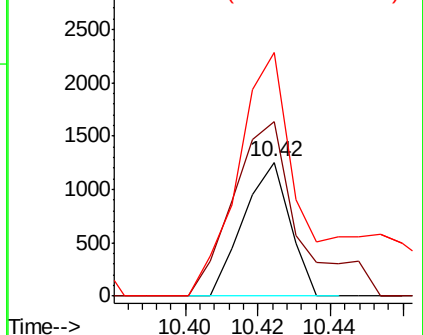


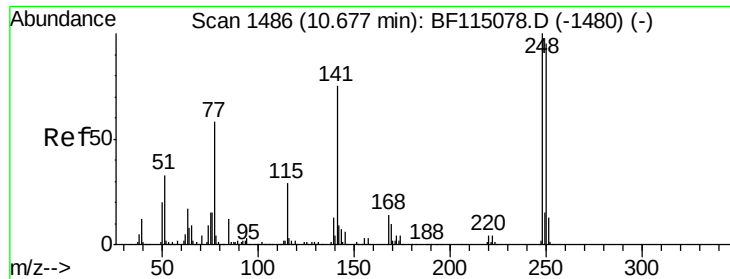
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.209 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.21 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	130.8	11.0	51.0#
105	182.3	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

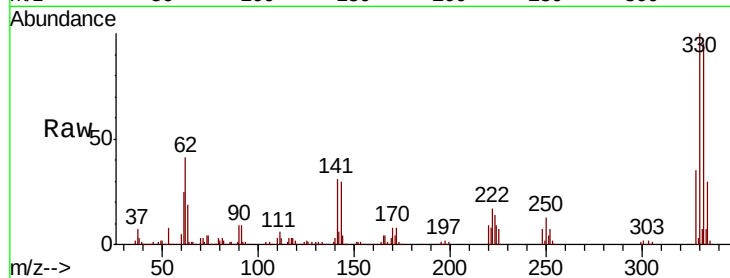




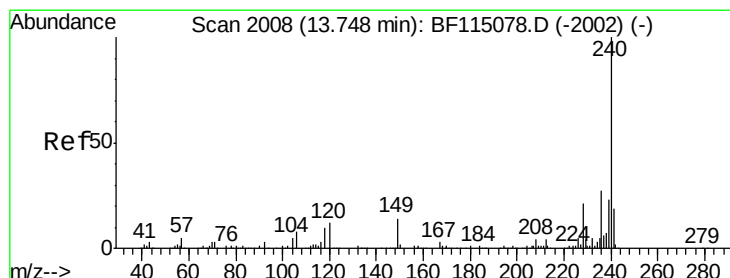
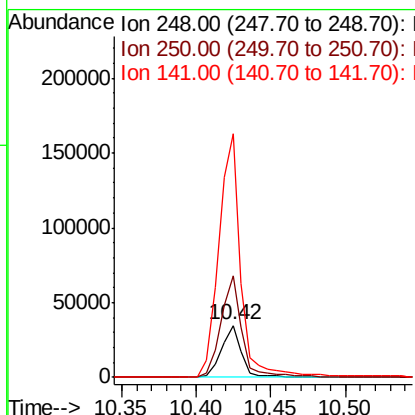
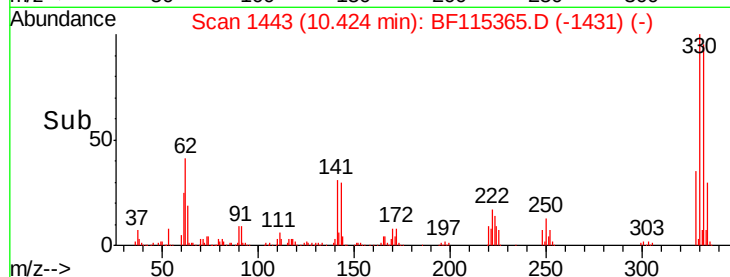
#67
4-Bromophenyl-phenylether
Concen: 4.102 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.23 min
Lab File: BF115365.D
Acq: 2 Jul 2019 17:47

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1

Tgt Ion:248 Resp: 33436
Ion Ratio Lower Upper
248 100
250 194.9 76.2 114.2#
141 467.1 59.6 89.4#

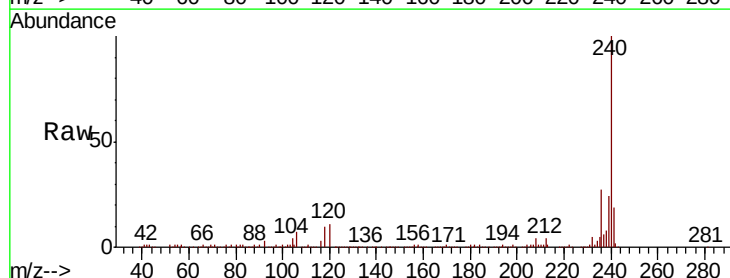


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

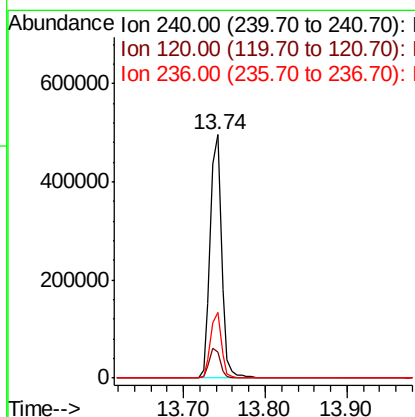
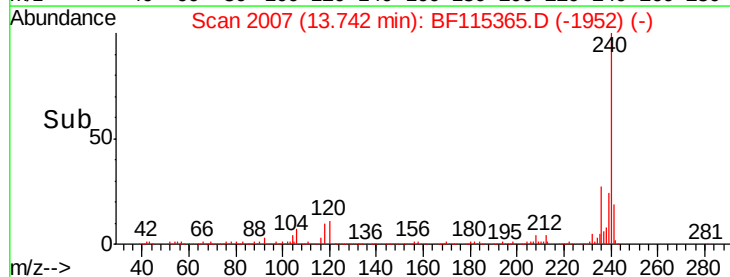


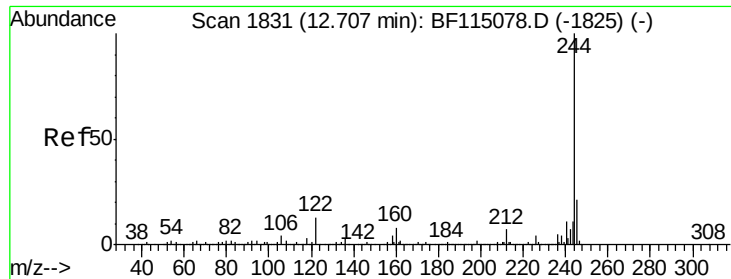
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF115365.D
Acq: 2 Jul 2019 17:47

Tgt Ion:240 Resp: 481421
Ion Ratio Lower Upper
240 100
120 10.8 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

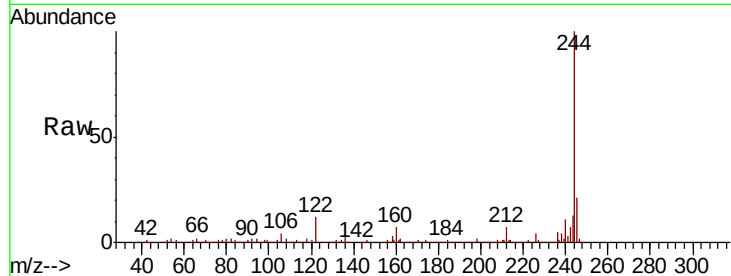




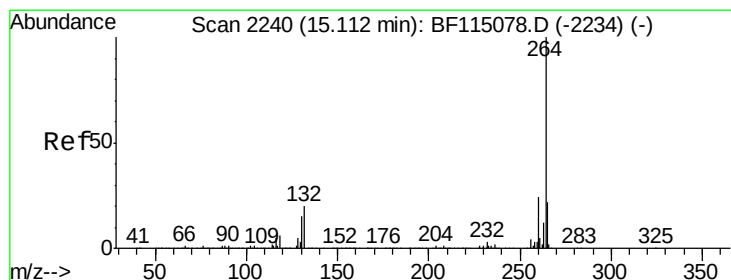
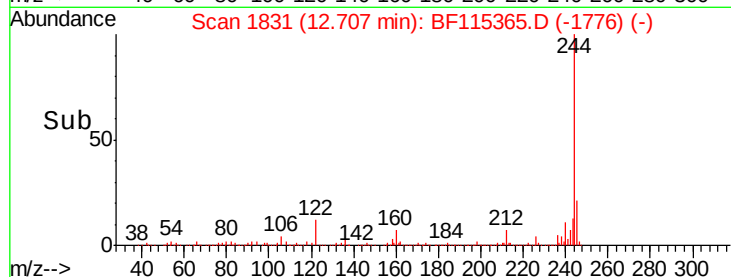
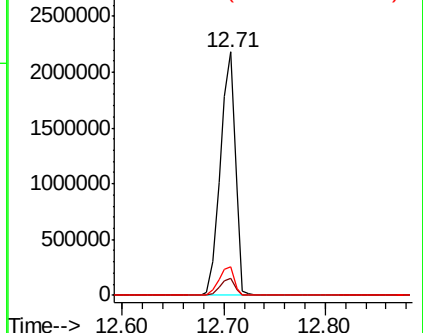
#79
 Terphenyl-d14
 Concen: 98.838 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1

Tgt Ion:244 Resp: 2237974
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.6 10.4 15.6

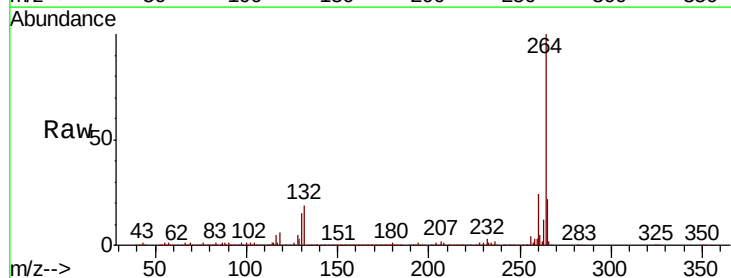


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2240
 Delta R.T. 0.03 min
 Lab File: BF115365.D
 Acq: 2 Jul 2019 17:47

Tgt Ion:264 Resp: 503559
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.6 17.3 25.9



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

