

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115138.D
 Acq On : 23 Jun 2019 00:49
 Operator : HP/JU
 Sample : K3454-03RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30272RE

Quant Time: Jun 24 04:40:03 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

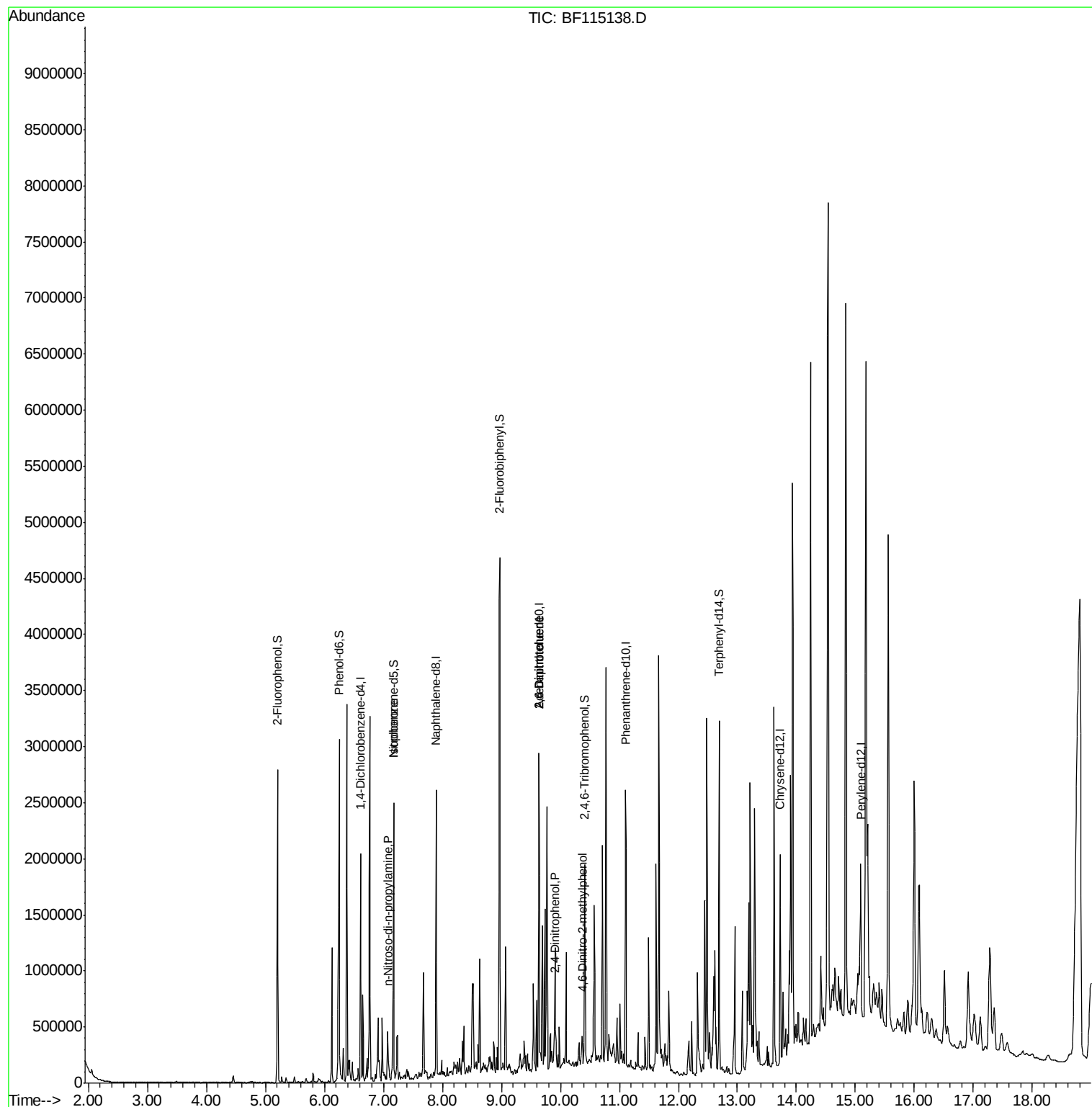
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	263151	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1015655	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	490046	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	845956	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	570462	20.00	ng	-0.02
87) Perylene-d12	15.09	264	527184	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	805329	47.23	ng	0.00
7) Phenol-d6	6.25	99	1060964	51.26	ng	0.00
23) Nitrobenzene-d5	7.17	82	706213	42.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	204060	39.49	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1435068	49.74	ng	-0.01
79) Terphenyl-d14	12.69	244	1032243	38.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.07	70	27375	2.066	ng	# 53
25) Isophorone	7.17	82	683720	20.215	ng	# 63
51) 2,6-Dinitrotoluene	9.64	165	64124	7.704	ng	# 29
54) 2,4-Dinitrophenol	9.92	184	114	7.368	ng	# 1
57) 2,4-Dinitrotoluene	9.64	165	64124	5.966	ng	# 30
58) Fluorene	10.18	166	5089	Below Cal	#	92
61) 4-Chlorophenyl-phenylether	10.04	204	122	Below Cal	#	1
65) 4,6-Dinitro-2-methylphenol	10.37	198	117	4.983	ng	# 1

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

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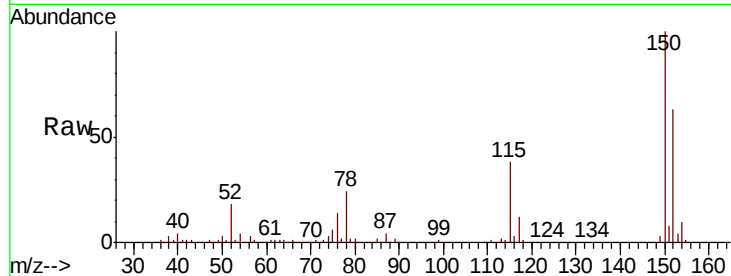


#1

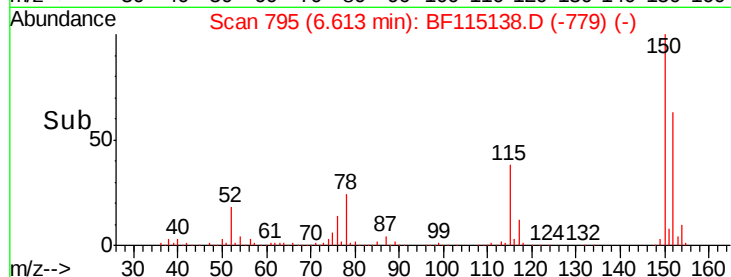
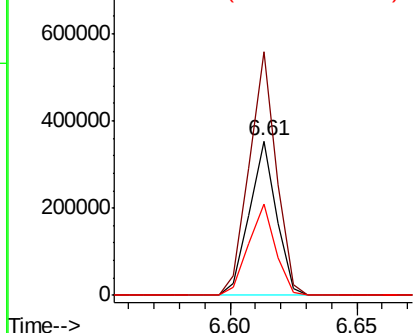
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115138.D
Acq: 23 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :
30272RE

Tot Ion:152 Resp: 263151
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 59.1 46.1 69.1



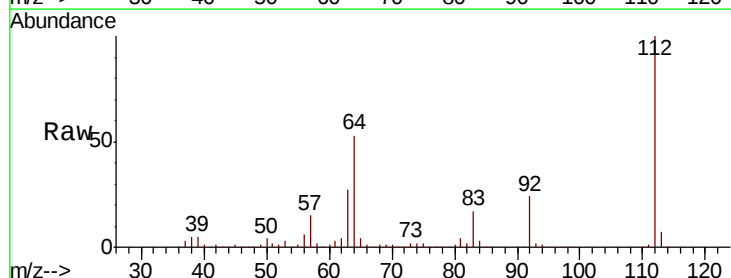
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



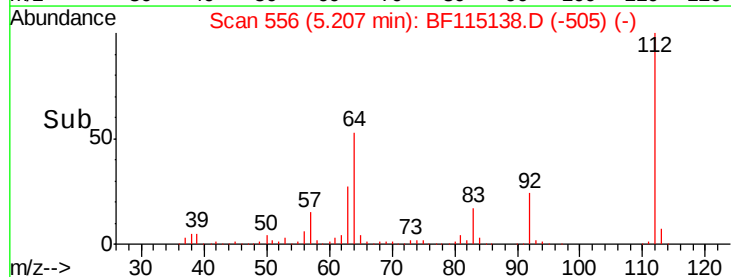
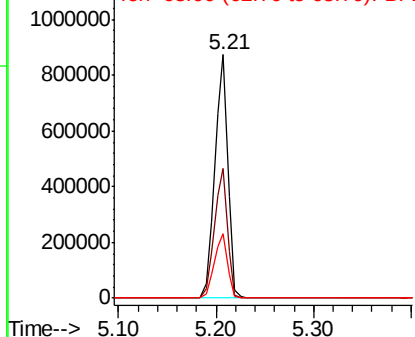
#5

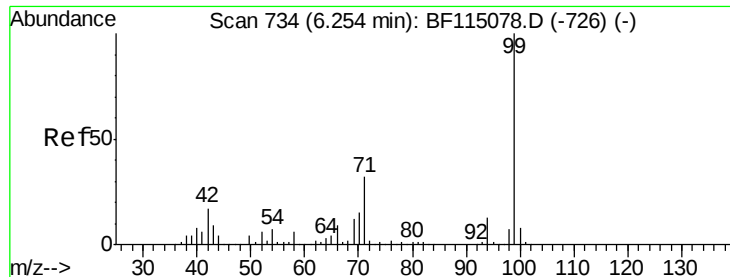
2-Fluorophenol
Concen: 47.226 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115138.D
Acq: 23 Jun 2019 00:49

Tgt Ion:112 Resp: 805329
Ion Ratio Lower Upper
112 100
64 53.1 43.8 65.6
63 26.7 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: 51.260 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampled :

30272RE

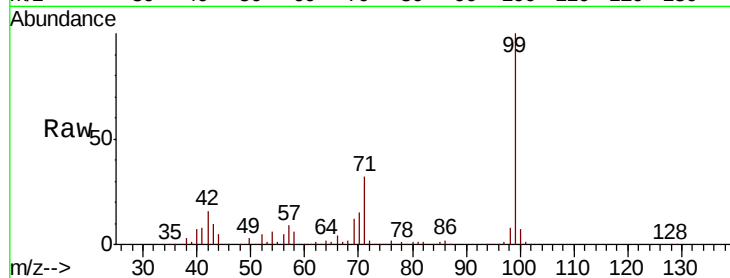
Tot Ion: 99 Resp: 1060964

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

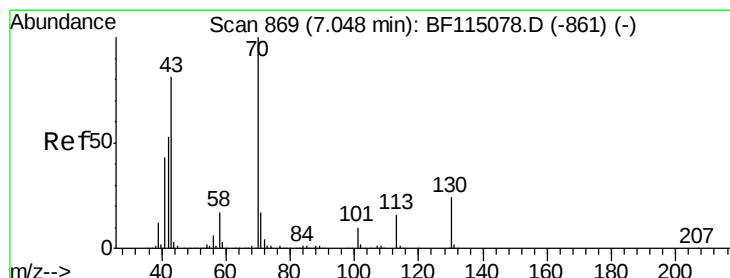
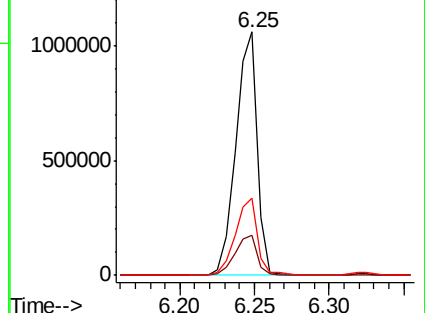
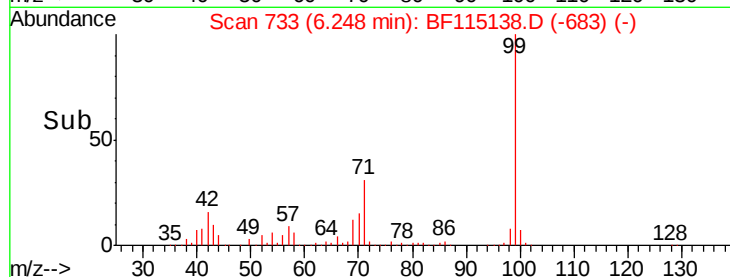
71 31.5 25.5 38.3



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: 2.066 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Tgt Ion: 70 Resp: 27375

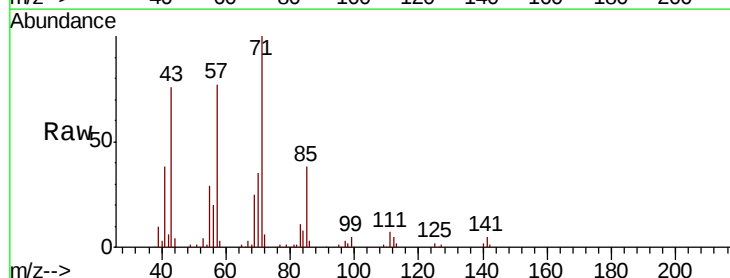
Ion Ratio Lower Upper

70 100

42 17.7 42.6 63.8#

101 0.0 8.0 12.0#

130 0.0 19.4 29.0#

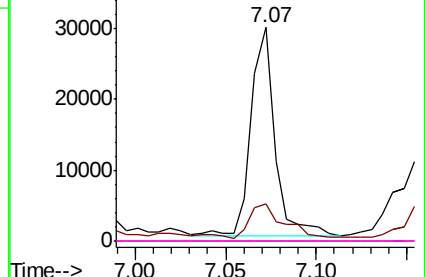
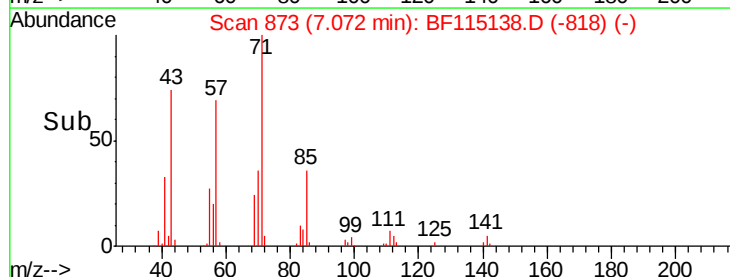


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

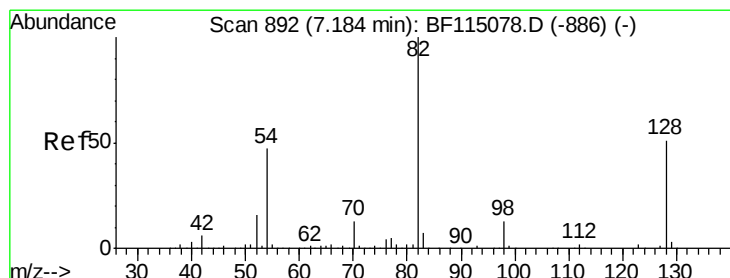
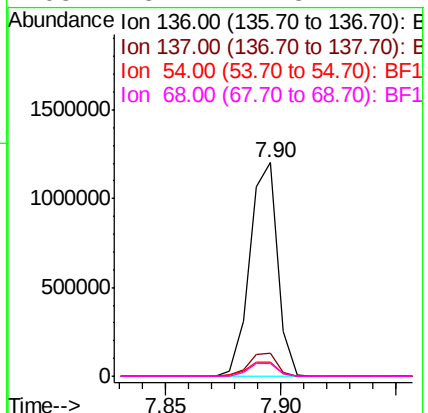
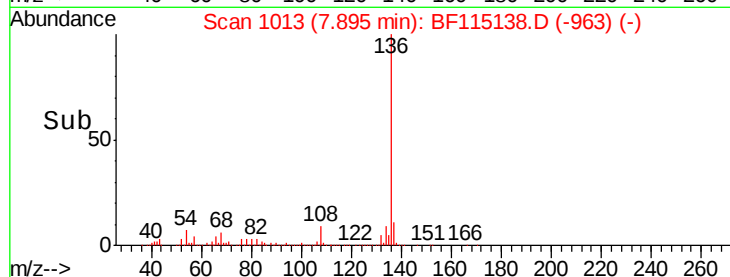
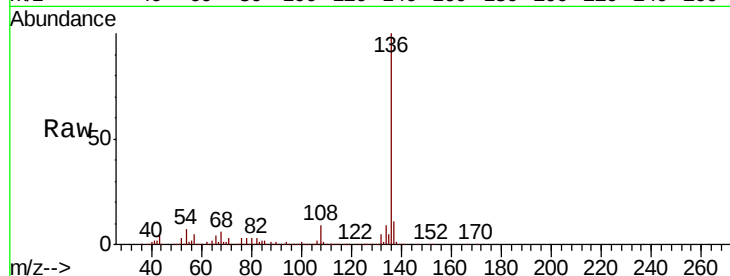




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115138.D
Acq: 23 Jun 2019 00:49

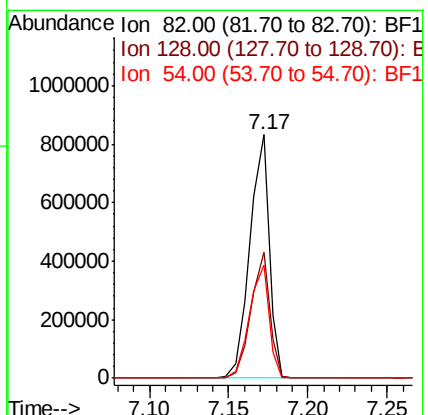
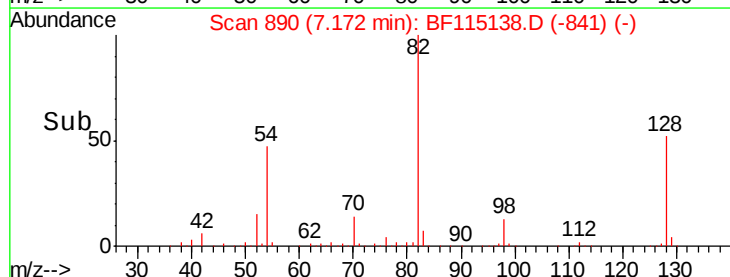
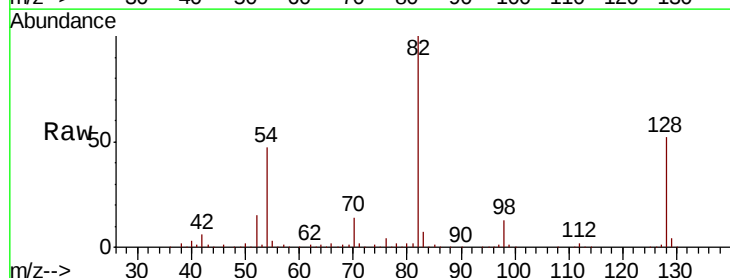
Instrument :
BNA_F
ClientSampleId :
30272RE

Tot Ion:136	Resp: 1015655
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 6.6	5.6 8.4
68 5.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 42.773 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115138.D
Acq: 23 Jun 2019 00:49

Tgt Ion: 82	Resp: 706213
Ion Ratio	Lower Upper
82 100	
128 51.9	40.4 60.6
54 46.5	37.5 56.3





#25

Isophorone

Concen: 20.215 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampled :

30272RE

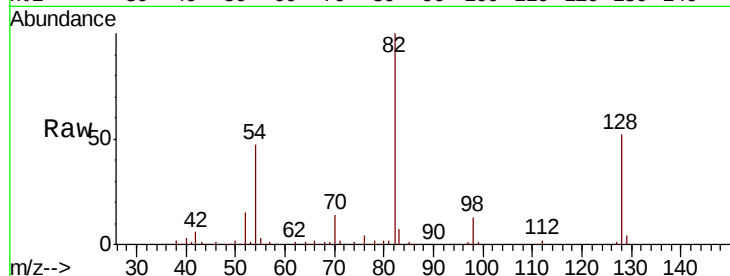
Tot Ion: 82 Resp: 683720

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

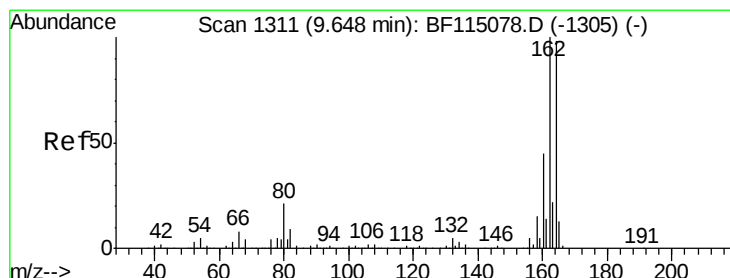
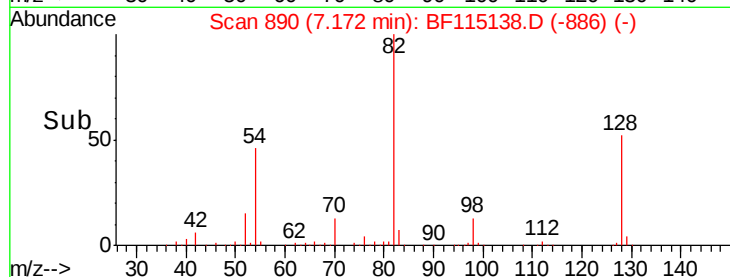
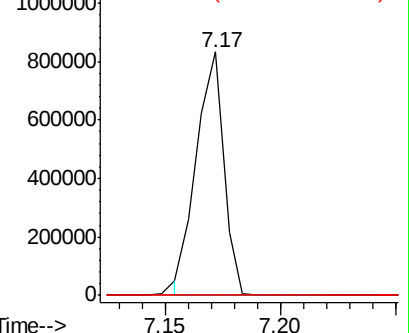
138 0.0 15.9 23.9#



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: BF115138.D

Acq: 23 Jun 2019 00:49

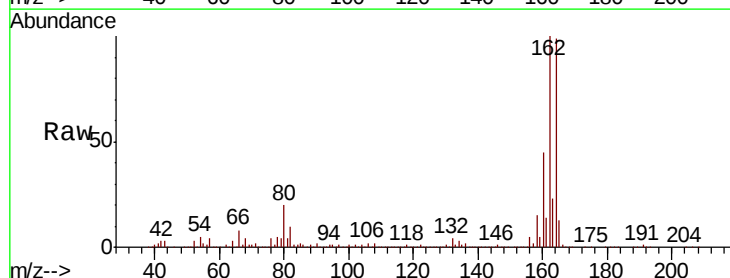
Tgt Ion: 164 Resp: 490046

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

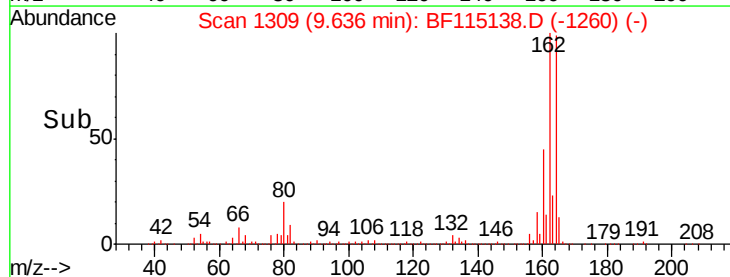
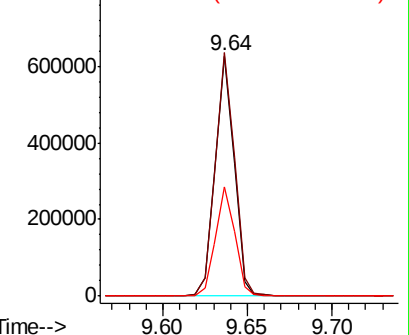
160 45.4 37.0 55.4



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

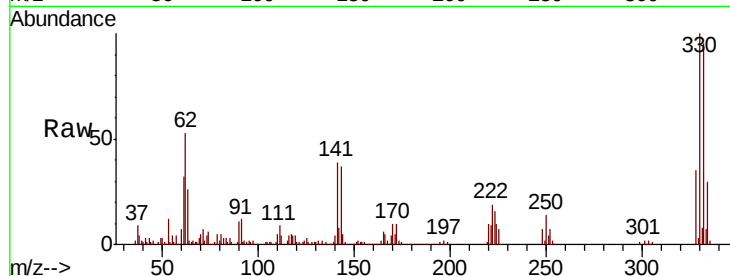




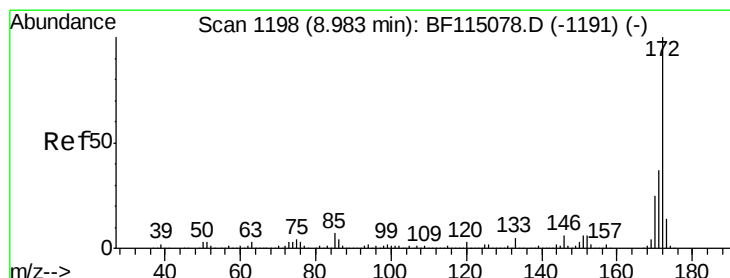
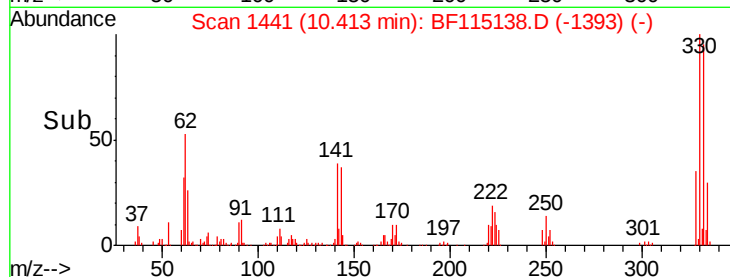
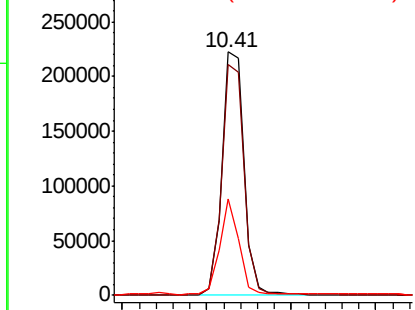
#42
 2,4,6-Tribromophenol
 Concen: 39.488 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Instrument :
 BNA_F
 ClientSampleId :
 30272RE

Tot Ion:330 Resp: 204060
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 33.8 28.2 42.2

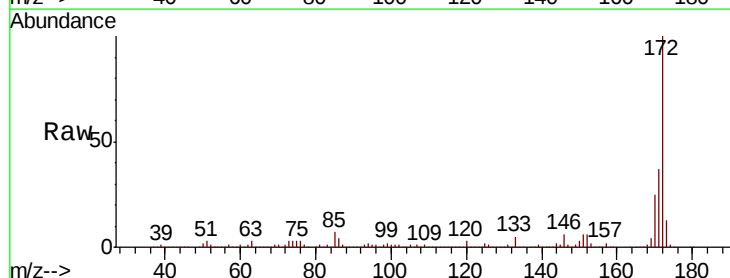


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

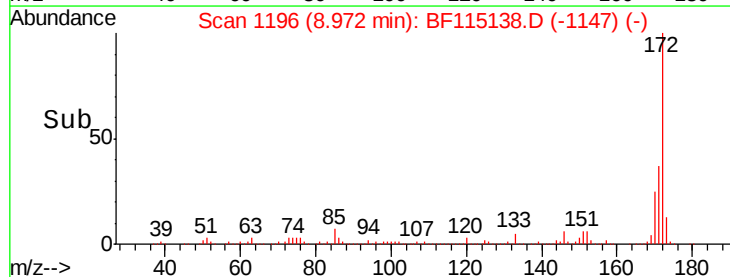
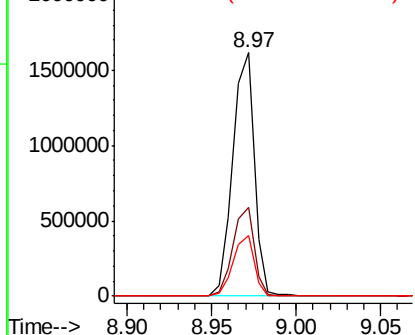


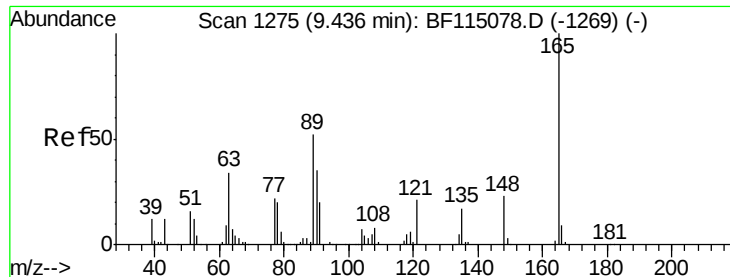
#45
 2-Fluorobiphenyl
 Concen: 49.743 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Tgt Ion:172 Resp: 1435068
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.7 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





#51

2,6-Dinitrotoluene

Concen: 7.704 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.20 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampled :

30272RE

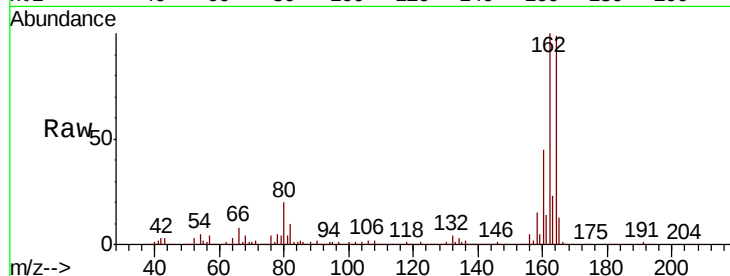
Tot Ion:165 Resp: 64124

Ion Ratio Lower Upper

165 100

63 1.2 39.4 59.2#

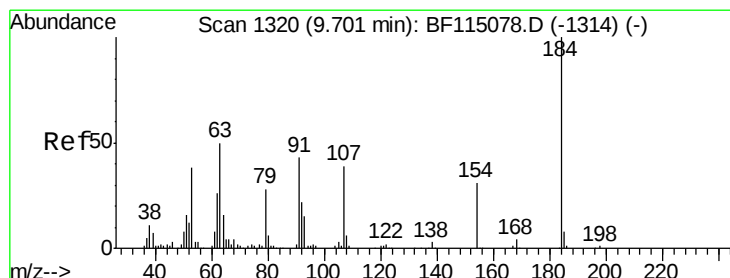
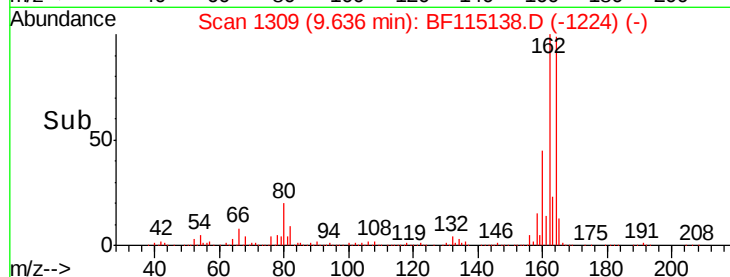
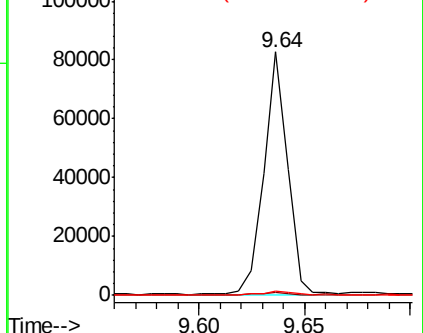
89 1.6 42.0 63.0#



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



#54

2,4-Dinitrophenol

Concen: 7.368 ng

RT: 9.92 min Scan# 1357

Delta R.T. 0.22 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

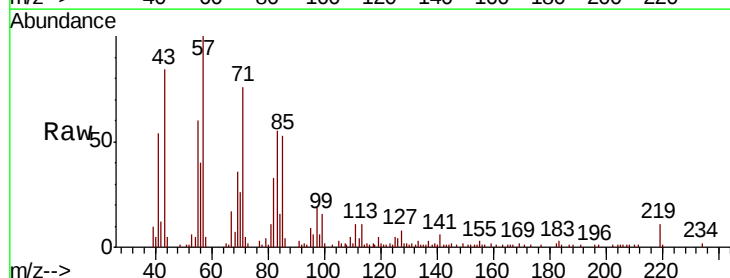
Tgt Ion:184 Resp: 114

Ion Ratio Lower Upper

184 100

63 0.0 41.9 62.9#

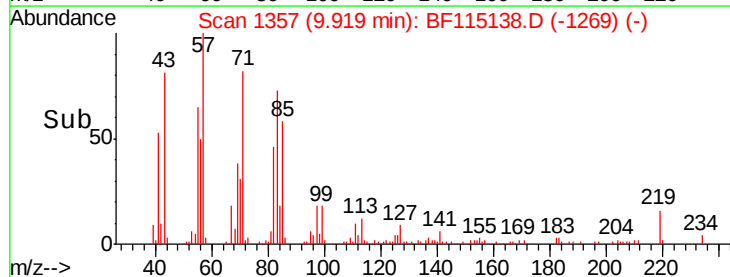
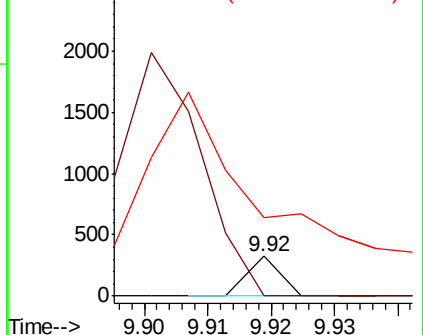
154 197.5 44.7 67.1#

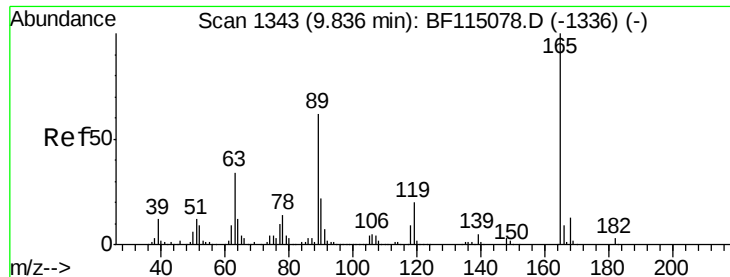


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

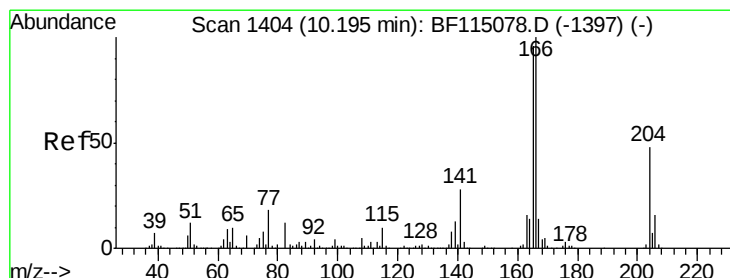
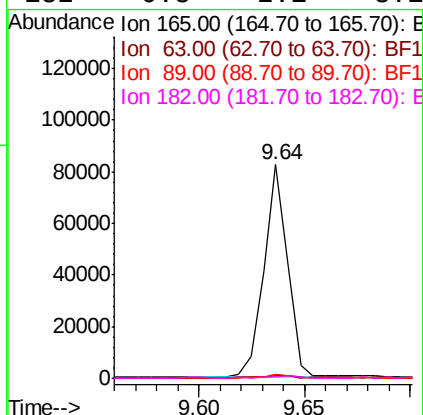
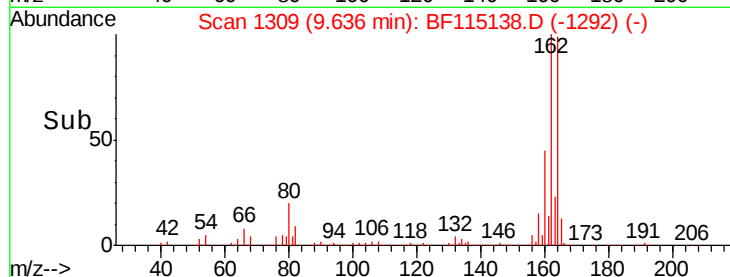
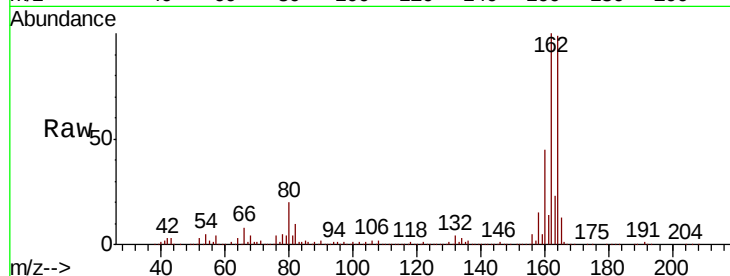




#57
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

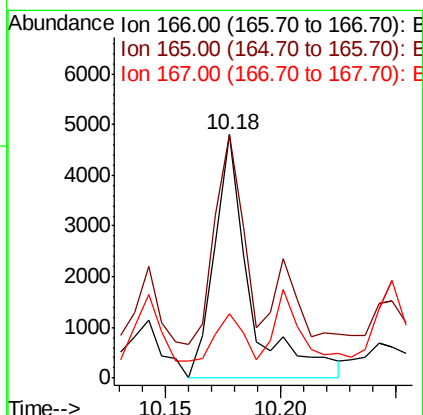
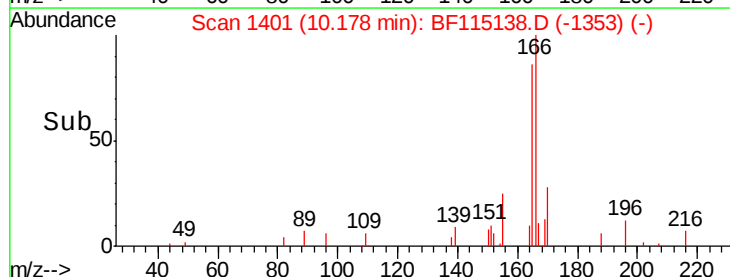
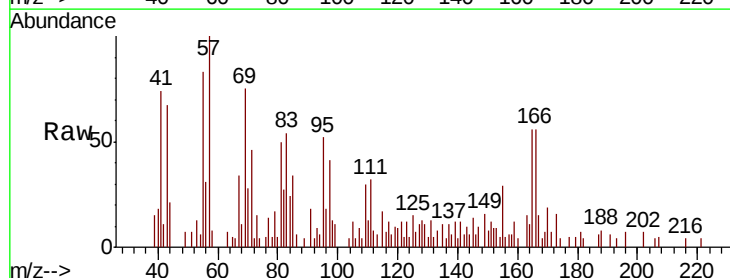
Instrument :
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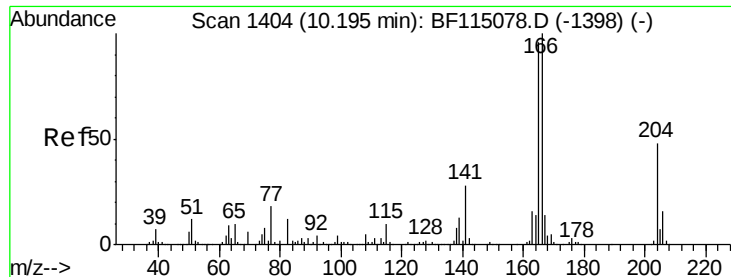
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.6	49.9	74.9#
182	0.8	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	76.5	114.7
167	26.3	11.0	16.4#





#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.04 min Scan# 1378

Delta R.T. -0.15 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampleId :

30272RE

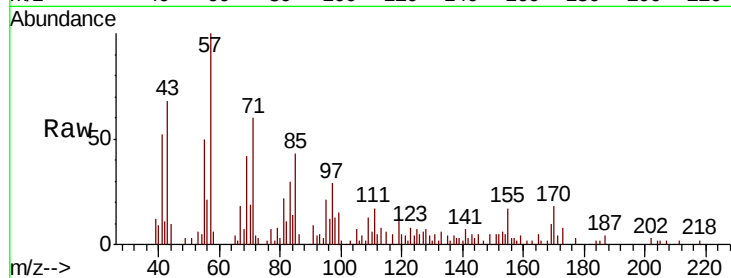
Tot Ion:204 Resp: 122

Ion Ratio Lower Upper

204 100

206 0.0 26.6 40.0#

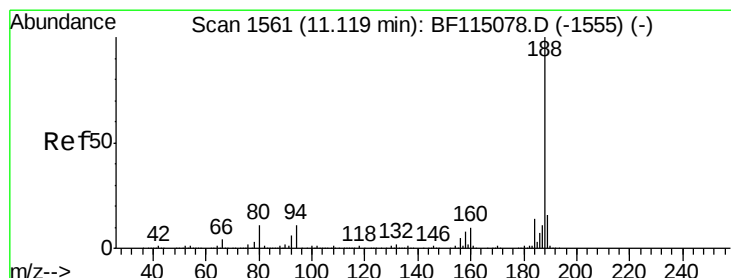
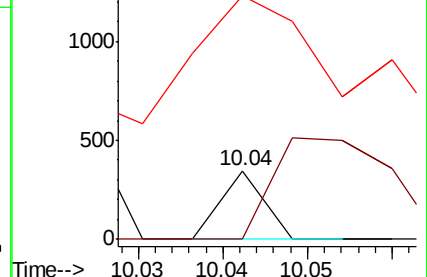
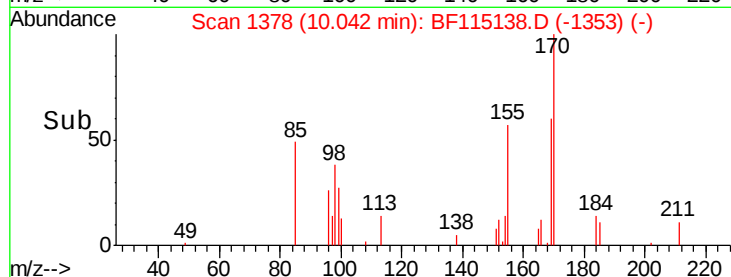
141 356.5 46.7 70.1#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

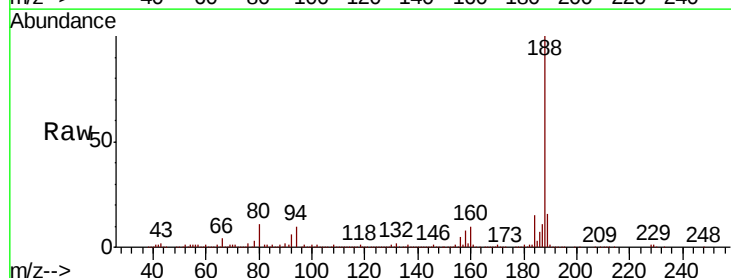
Tgt Ion:188 Resp: 845956

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

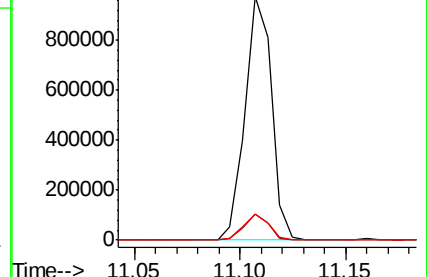
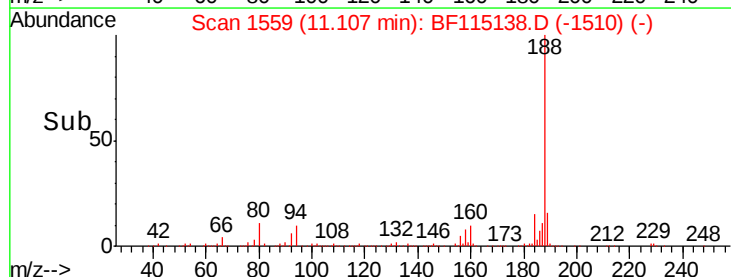
80 10.9 8.8 13.2

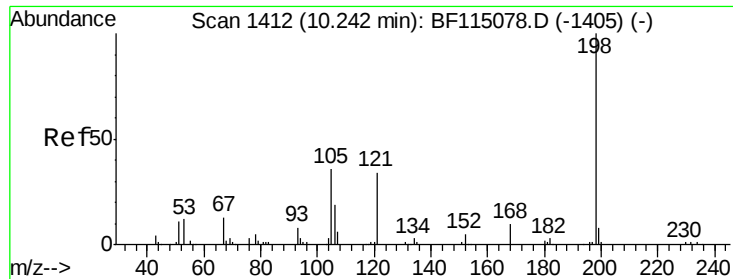


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

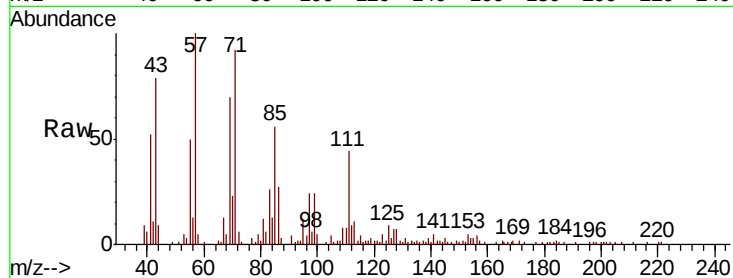




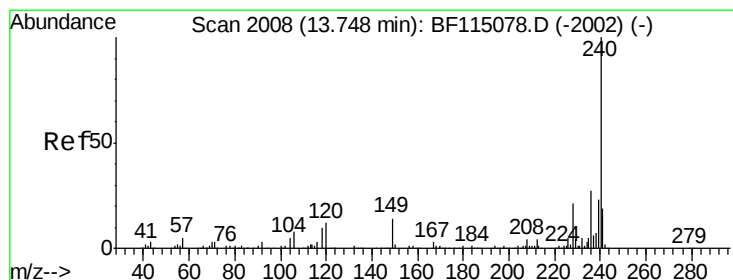
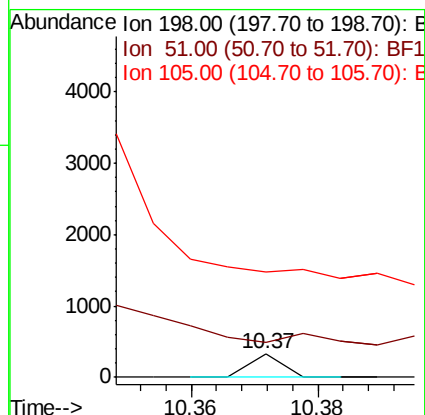
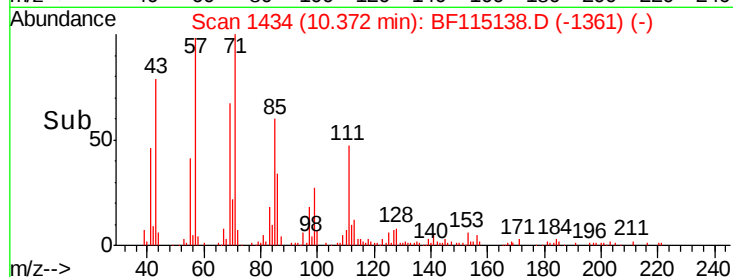
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.983 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. 0.13 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Instrument :
 BNA_F
 ClientSampleId :
 30272RE

Tot Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 147.9 11.0 51.0#
 105 443.7 17.3 57.3#

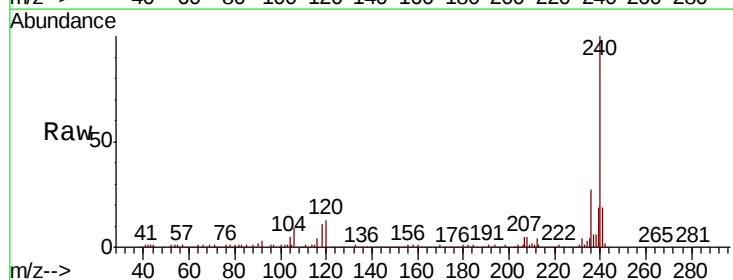


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

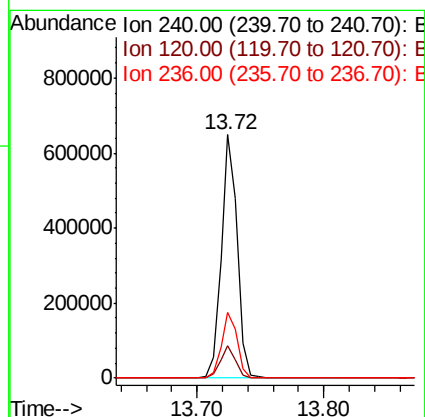
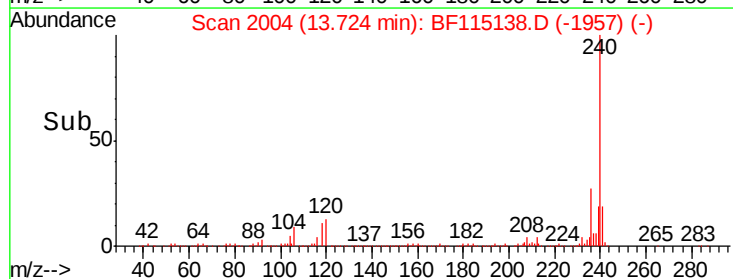


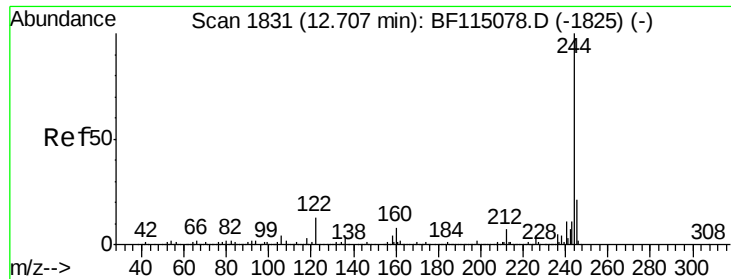
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Tgt Ion:240 Resp: 570462
 Ion Ratio Lower Upper
 240 100
 120 13.4 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: 38.472 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampleId :

30272RE

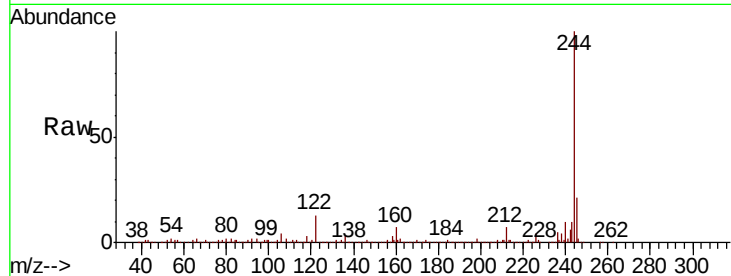
Tot Ion:244 Resp: 1032243

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

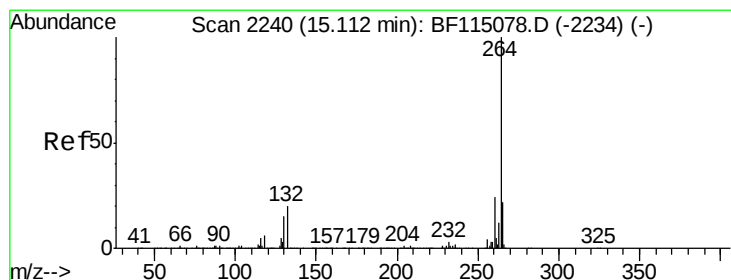
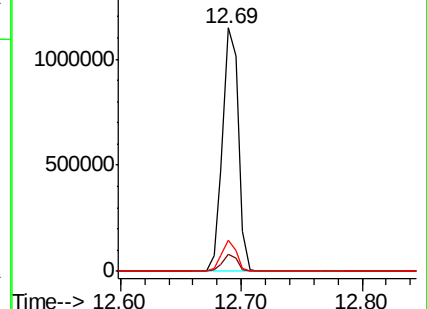
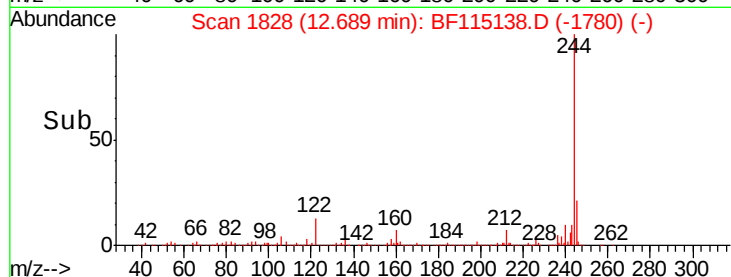
122 12.7 10.4 15.6



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: BF115138.D

Acq: 23 Jun 2019 00:49

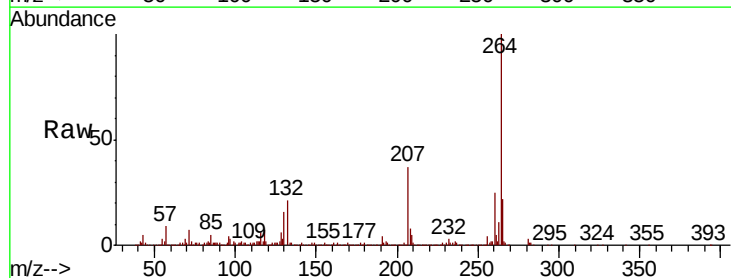
Tgt Ion:264 Resp: 527184

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 22.5 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

