

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115145.D
 Acq On : 24 Jun 2019 12:58
 Operator : HP/JU
 Sample : PB120809BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BL

Quant Time: Jun 25 07:38:46 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

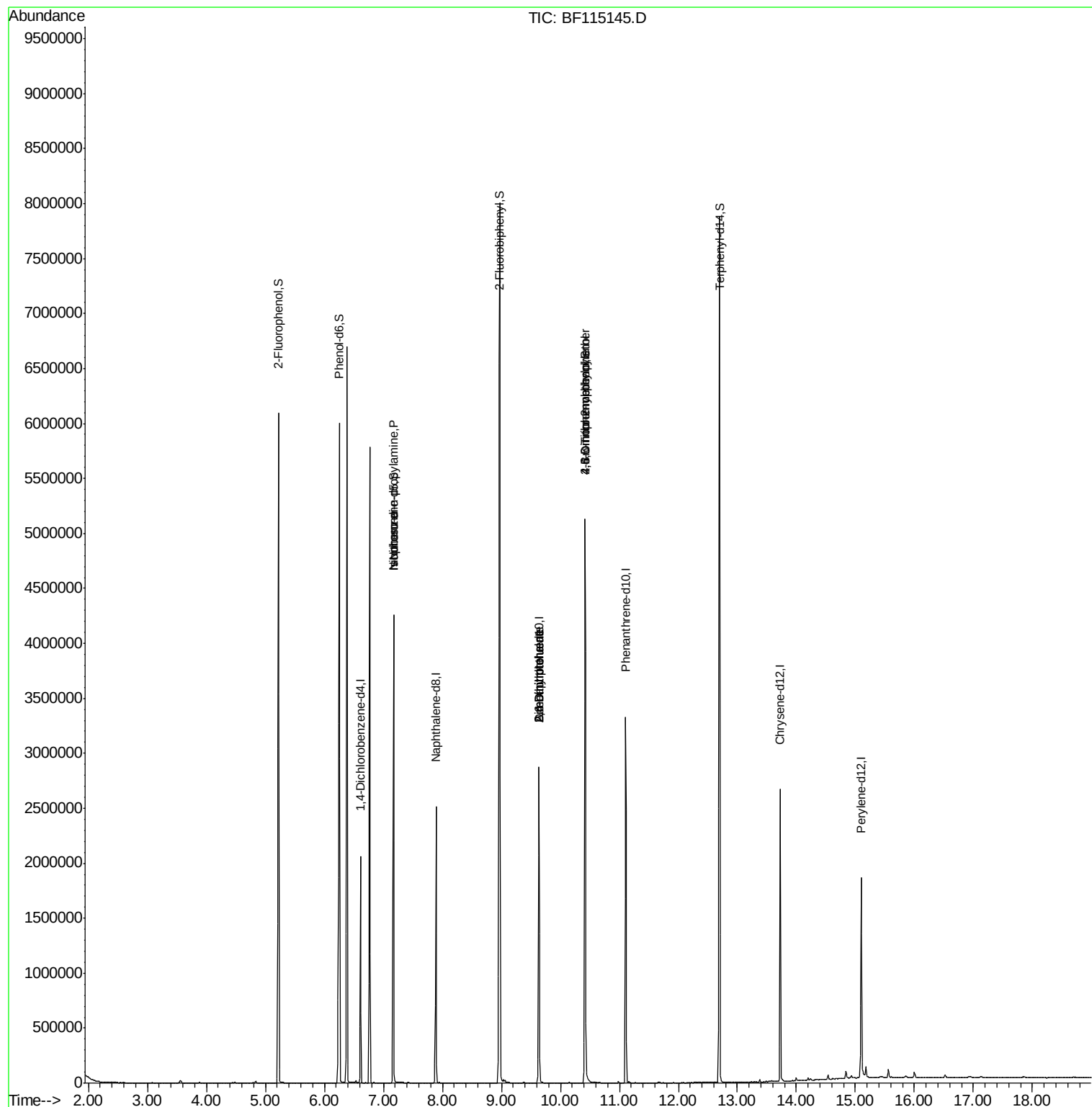
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	316200	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1195167	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	601101	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1192868	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	905405	20.00	ng	-0.02
87) Perylene-d12	15.10	264	830113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2117477	103.34	ng	0.02
7) Phenol-d6	6.25	99	2619553	105.33	ng	0.00
23) Nitrobenzene-d5	7.17	82	1625578	83.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	757679	119.53	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	3009638	85.05	ng	-0.01
79) Terphenyl-d14	12.70	244	3237439	76.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	217572	13.665	ng	# 77
25) Isophorone	7.17	82	1589939	39.948	ng	# 63
50) Dimethylphthalate	9.64	163	168117	3.801	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	77982	7.638	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	77982	5.915	ng	# 30
58) Fluorene	10.42	166	33734	Below Cal		# 85
65) 4,6-Dinitro-2-methylphenol	10.42	198	1461	5.166	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	47585	3.679	ng	# 1

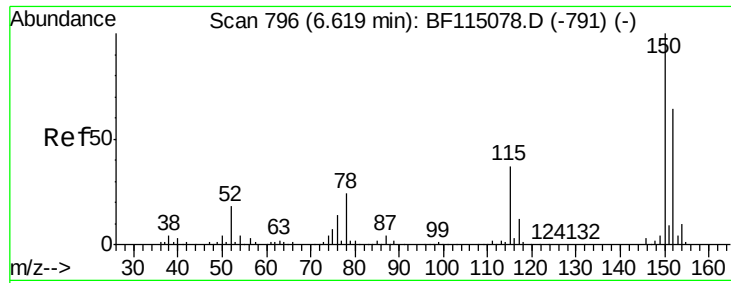
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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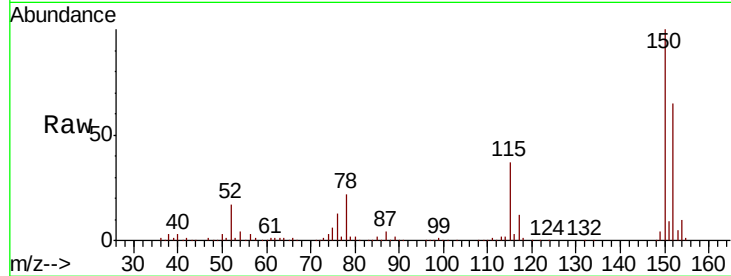


#1

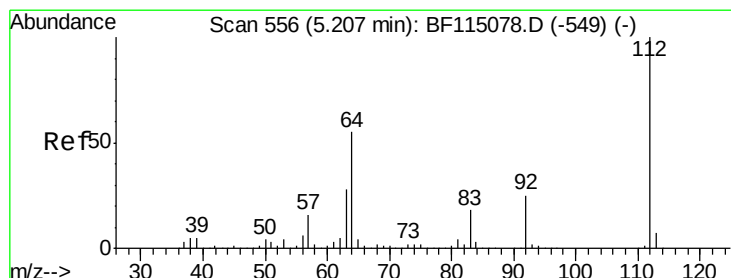
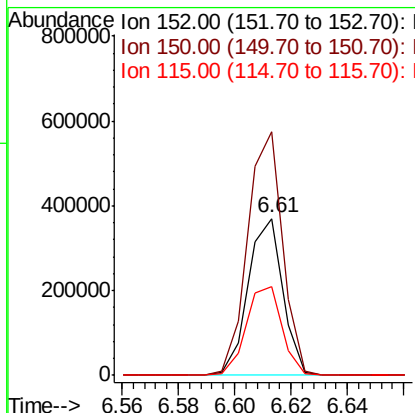
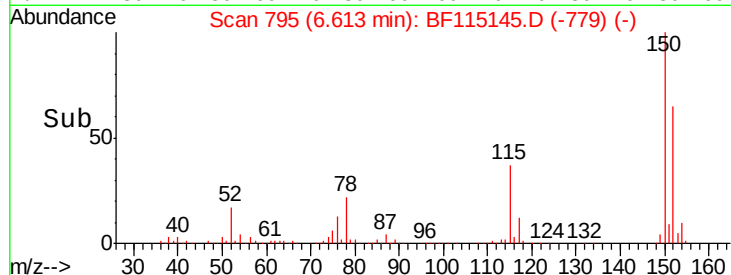
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
PB120809BL

Tot Ion:152 Resp: 316200
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 56.6 46.1 69.1



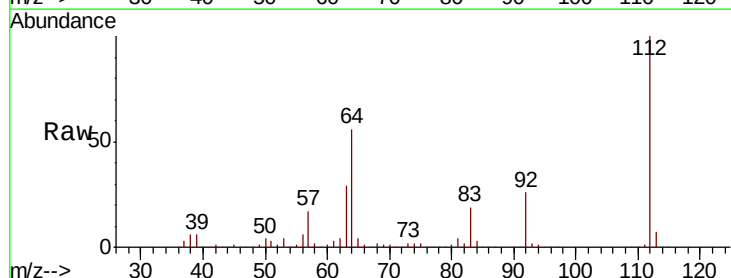
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



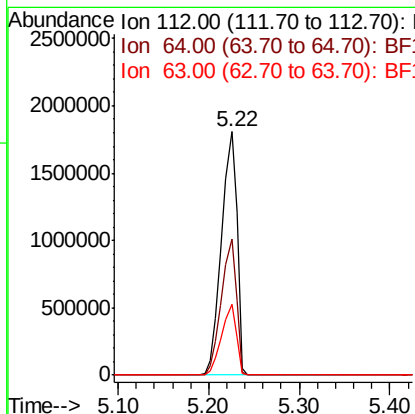
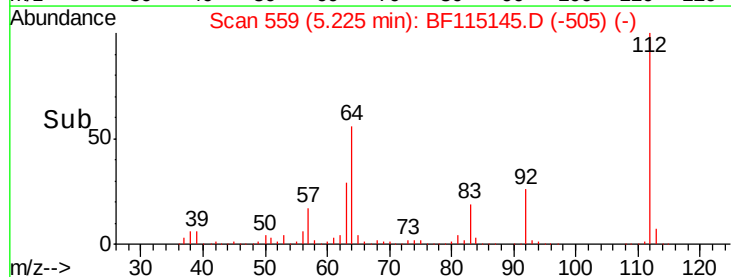
#5

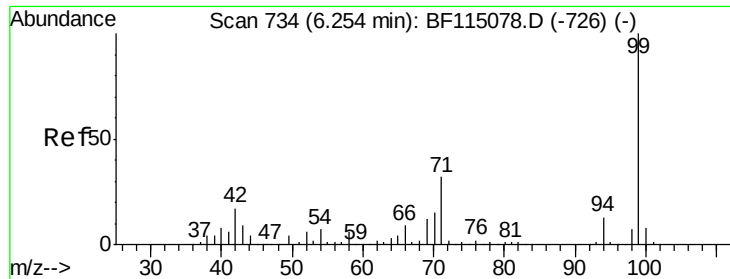
2-Fluorophenol
Concen: 103.340 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Tgt Ion:112 Resp: 2117477
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.6
63 29.1 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: 105.329 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

PB120809BL

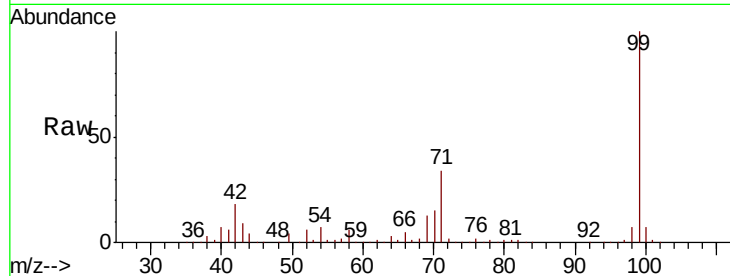
Tot Ion: 99 Resp: 2619553

Ion Ratio Lower Upper

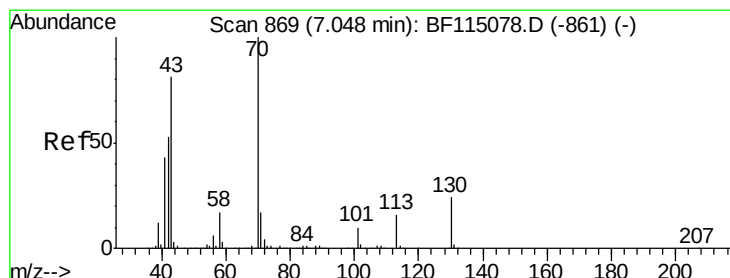
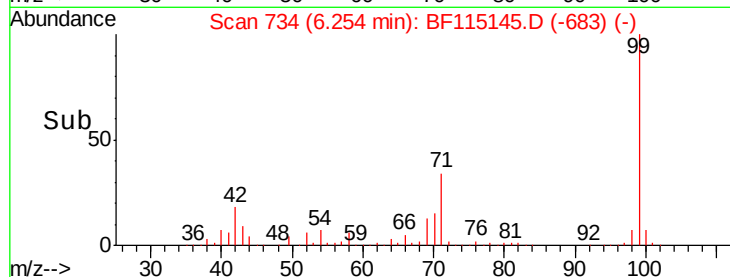
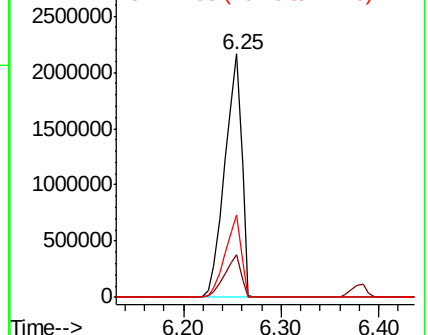
99 100

42 17.7 13.6 20.4

71 34.0 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: 13.665 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Tgt Ion: 70 Resp: 217572

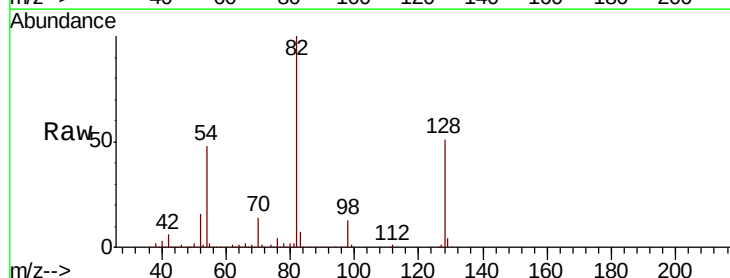
Ion Ratio Lower Upper

70 100

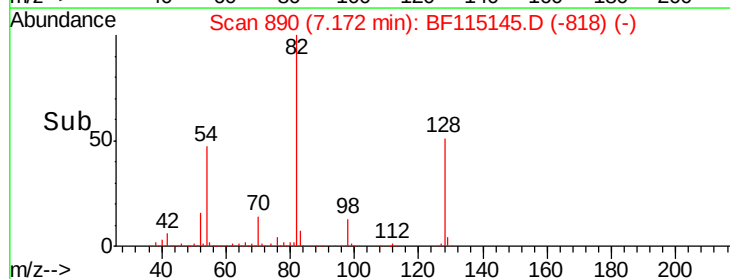
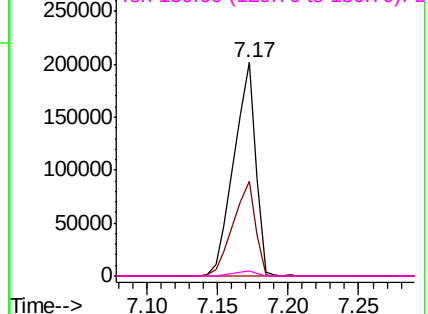
42 44.1 42.6 63.8

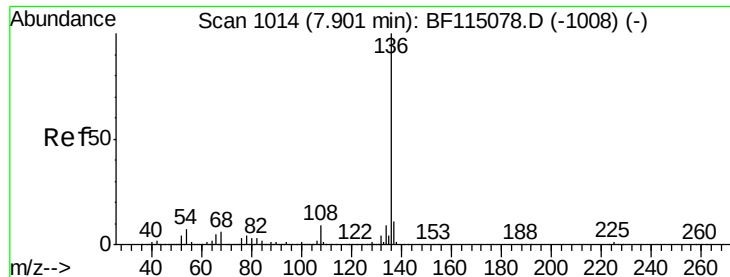
101 0.0 8.0 12.0#

130 2.7 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): B
Ion 130.00 (129.70 to 130.70): B

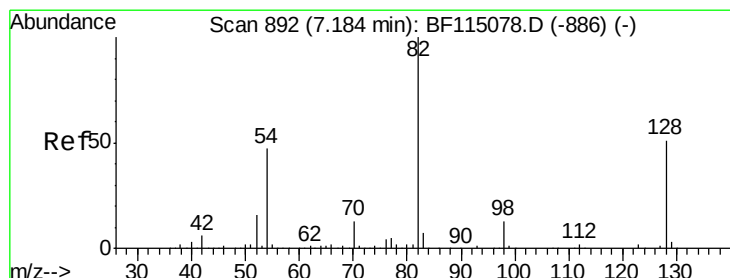
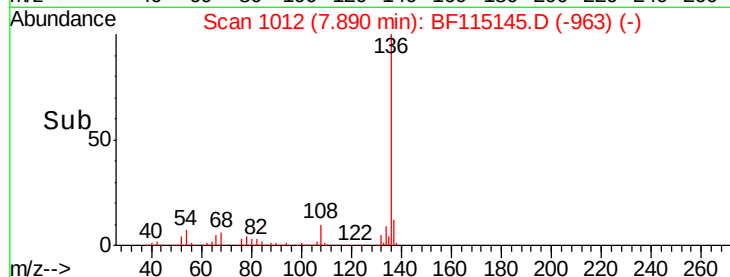
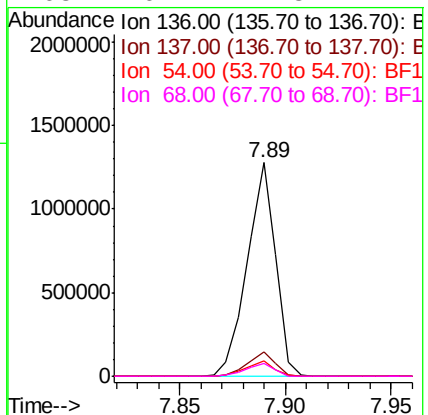
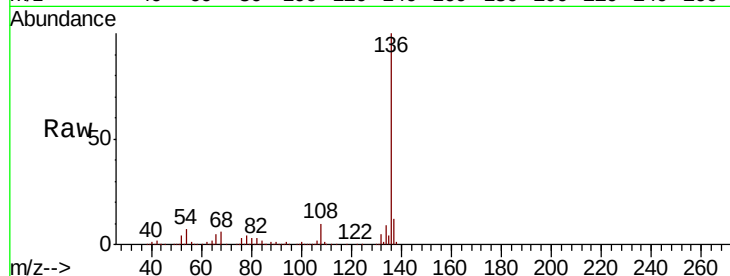




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

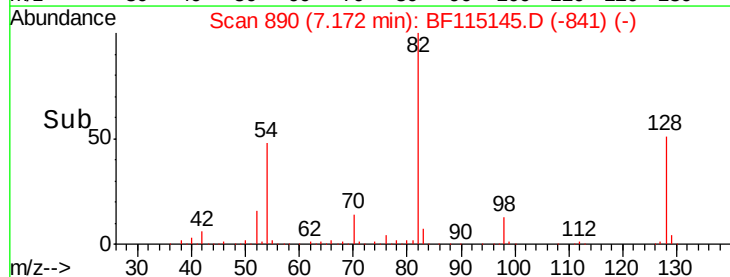
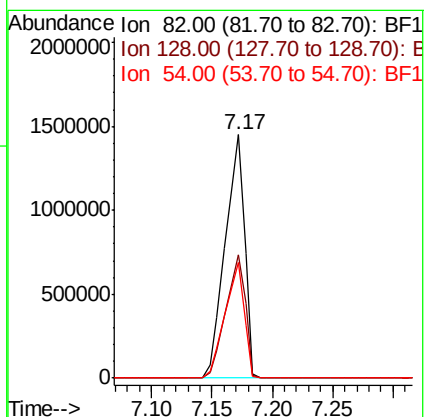
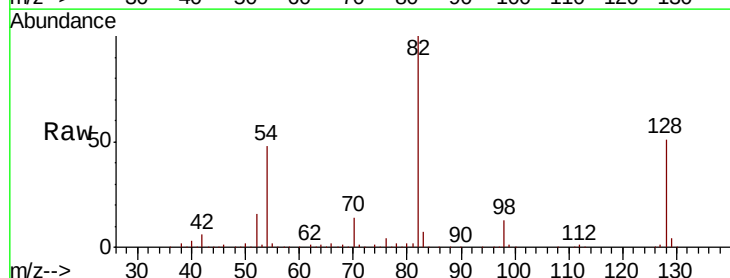
Instrument :
BNA_F
ClientSampleId :
PB120809BL

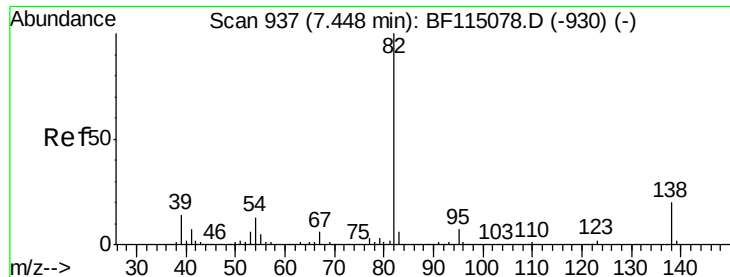
Tot Ion:136	Resp: 1195167
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.1	5.6 8.4
68 6.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.669 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Tgt	Ion: 82	Resp: 1625578	
Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.4	60.6
54	47.5	37.5	56.3





#25

Isophorone

Concen: 39.948 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

PB120809BL

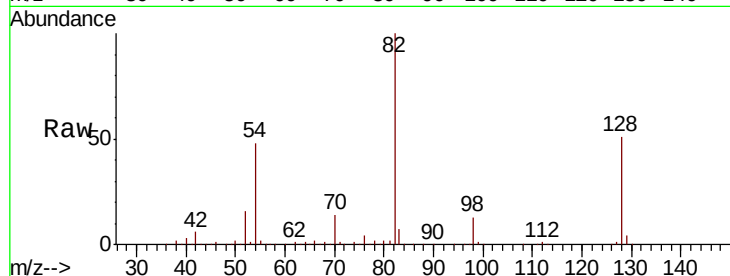
Tot Ion: 82 Resp: 1589939

Ion Ratio Lower Upper

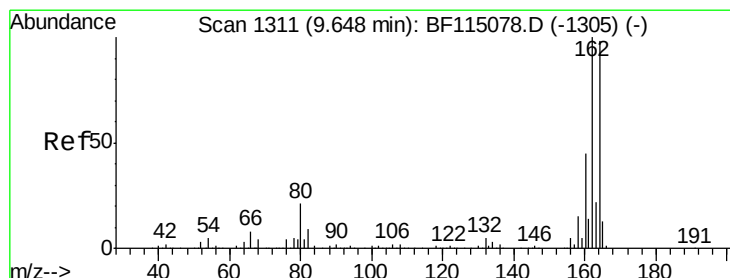
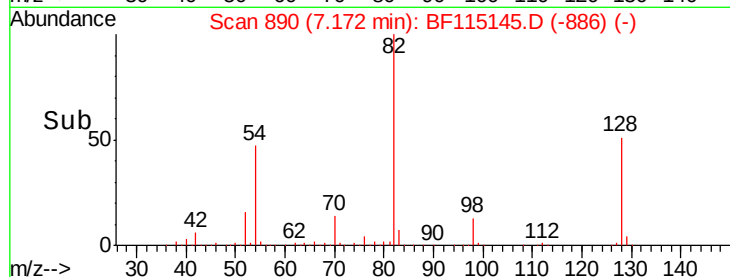
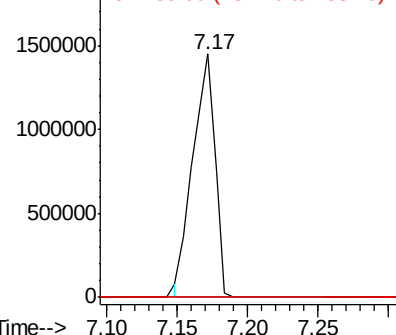
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

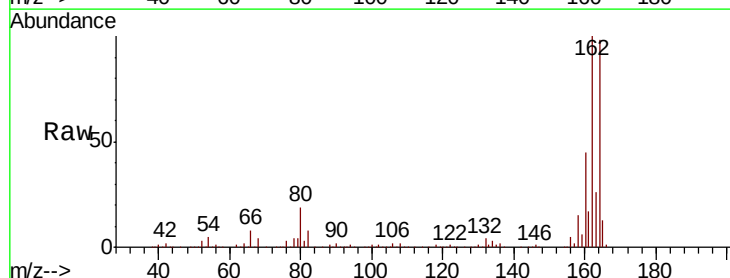
Tgt Ion:164 Resp: 601101

Ion Ratio Lower Upper

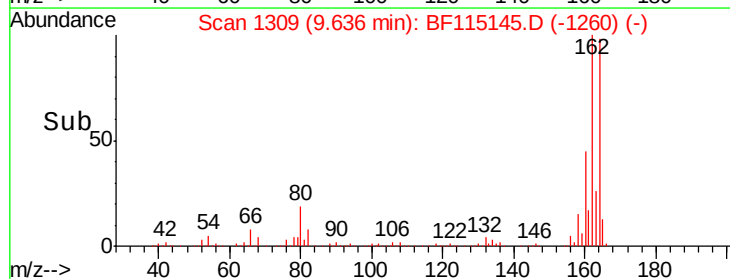
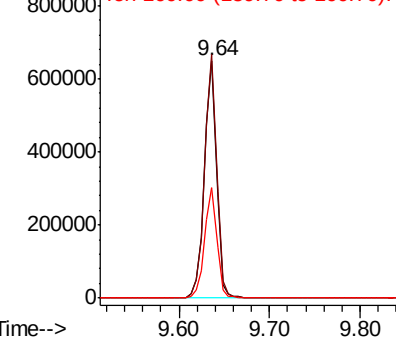
164 100

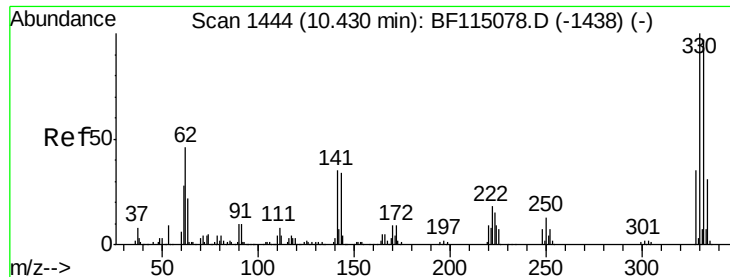
162 102.5 81.7 122.5

160 46.3 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
800000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

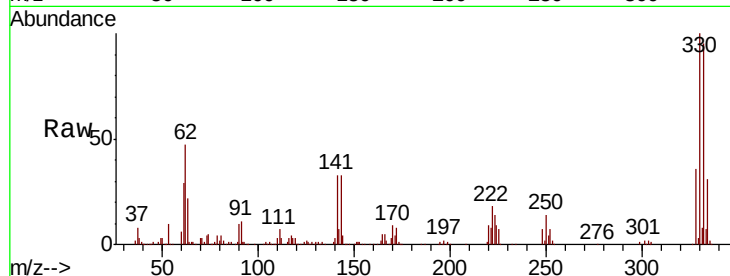




#42
 2,4,6-Tribromophenol
 Concen: 119.530 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	32.1	28.2	42.2

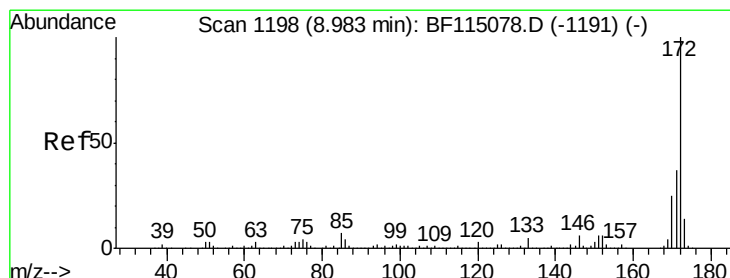
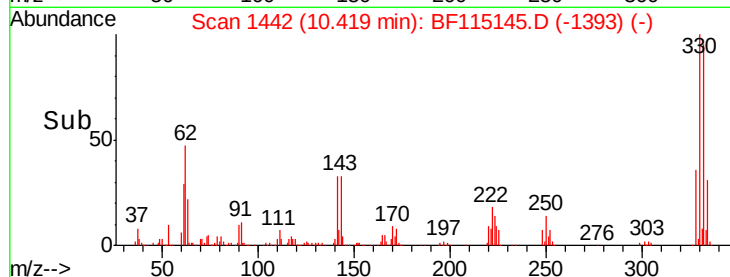
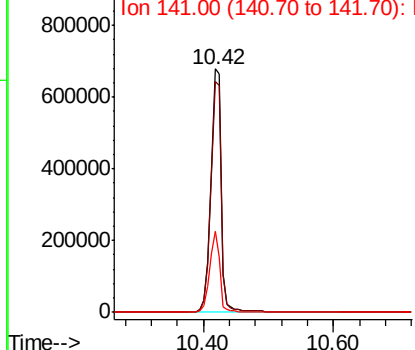


Abundance

Ion 329.80 (329.50 to 330.50): E

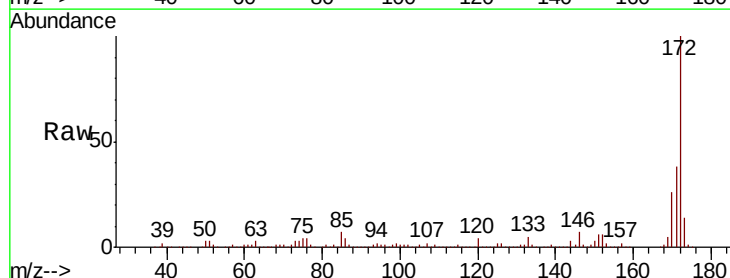
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.048 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	26.4	20.3	30.5

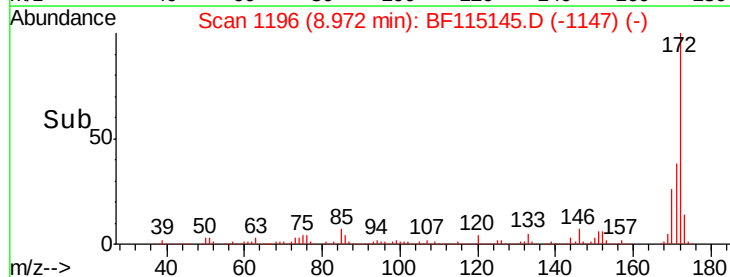
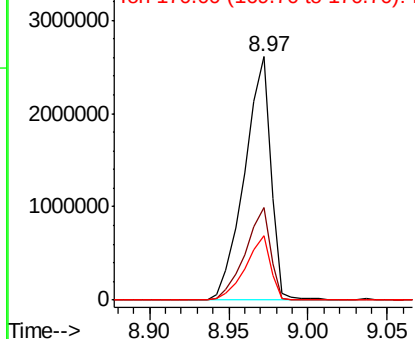


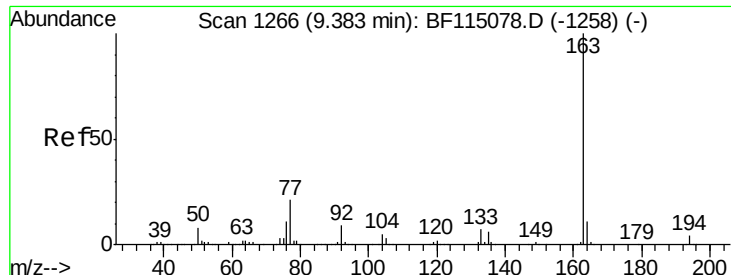
Abundance

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

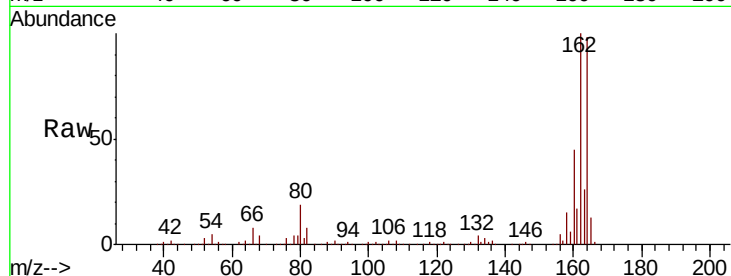




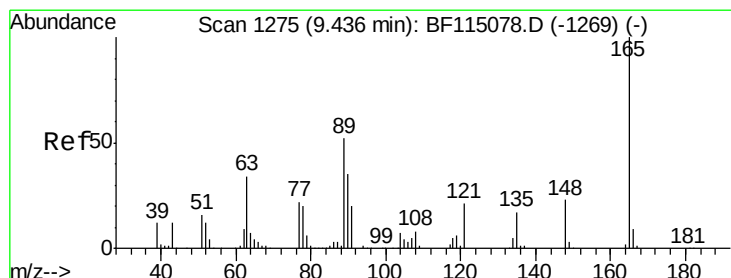
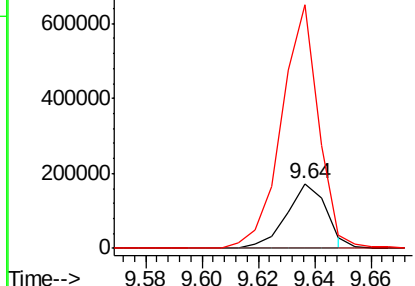
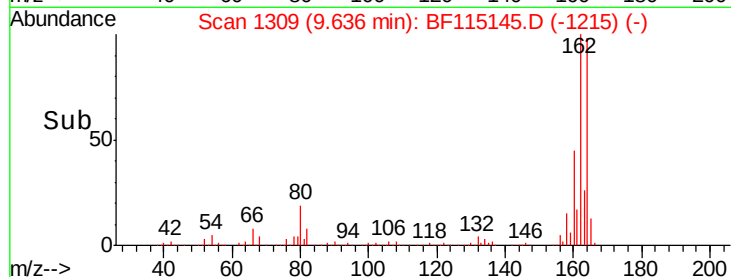
#50
Dimethylphthalate
Concen: 3.801 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.25 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
PB120809BL

Tot Ion:163 Resp: 168117
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 376.4 8.6 13.0#

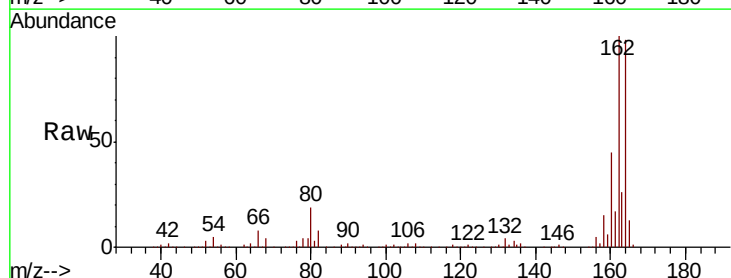


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

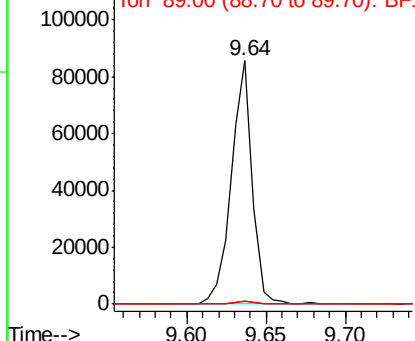
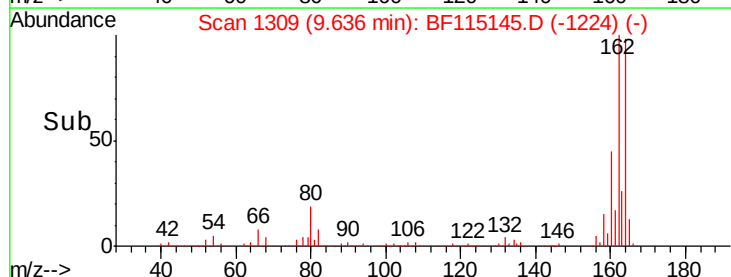


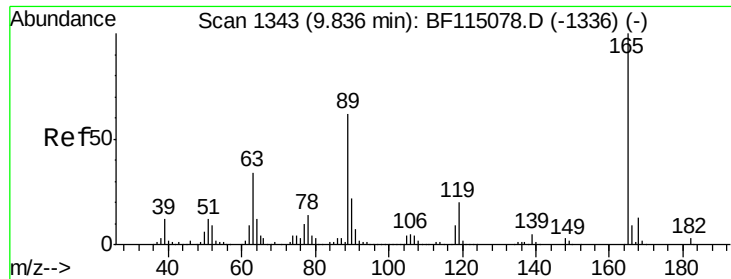
#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Tgt Ion:165 Resp: 77982
Ion Ratio Lower Upper
165 100
63 1.0 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

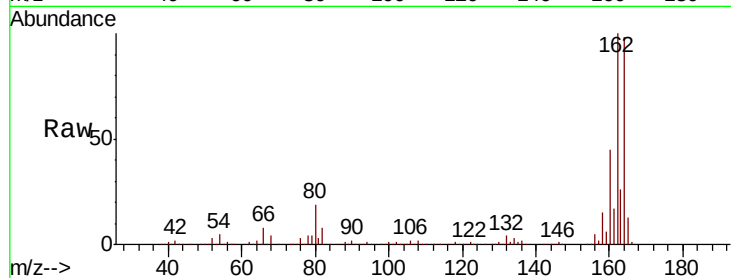




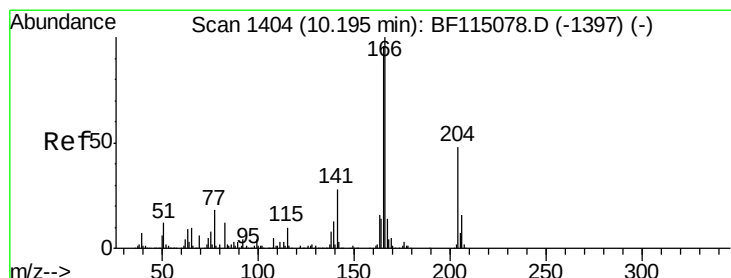
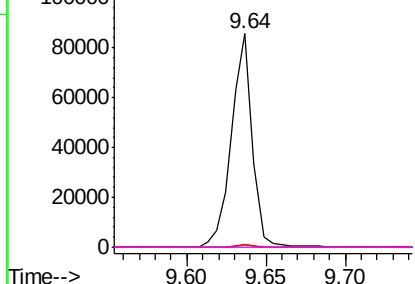
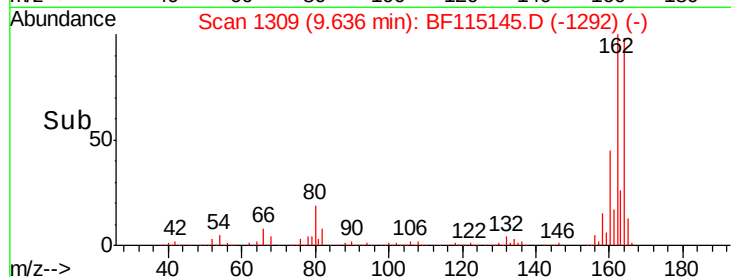
#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
PB120809BL

Tot Ion:165 Resp: 77982
Ion Ratio Lower Upper
165 100
63 1.0 27.5 41.3#
89 1.2 49.9 74.9#
182 0.0 2.1 3.1#

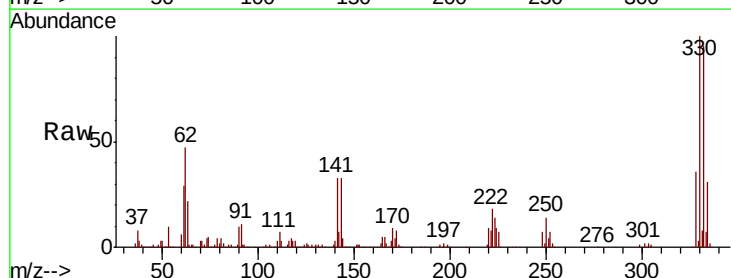


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

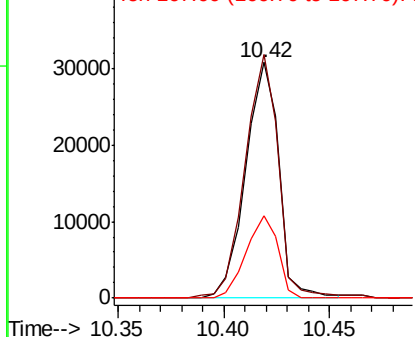
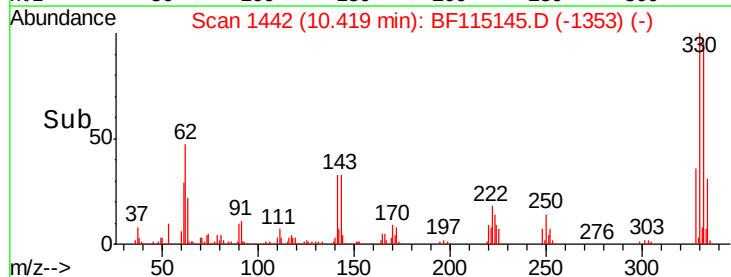


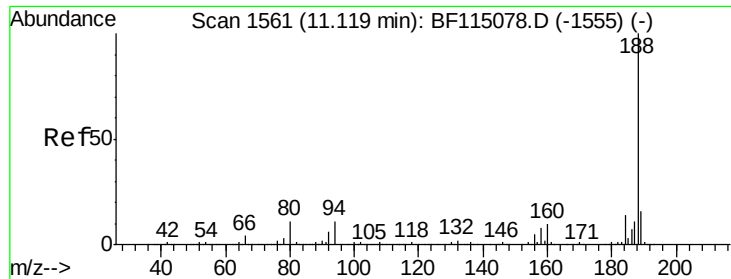
#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1442
Delta R.T. 0.22 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Tgt Ion:166 Resp: 33734
Ion Ratio Lower Upper
166 100
165 103.5 76.5 114.7
167 39.3 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: BF115145.D

Acq: 24 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

PB120809BL

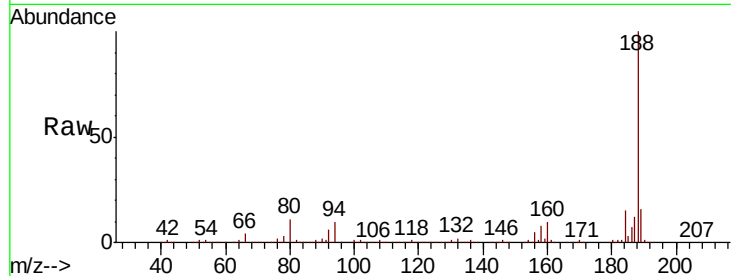
Tot Ion:188 Resp: 1192868

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

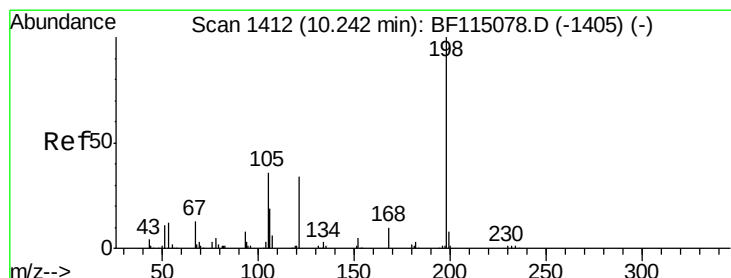
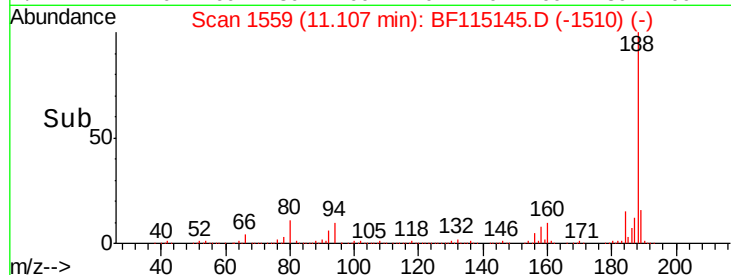
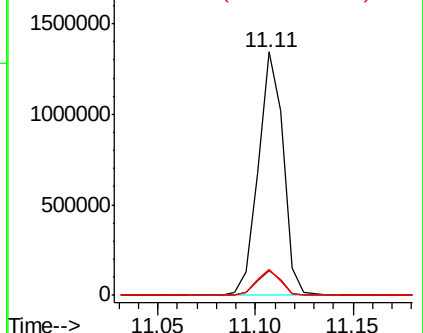
80 10.8 8.8 13.2



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: 5.166 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.18 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

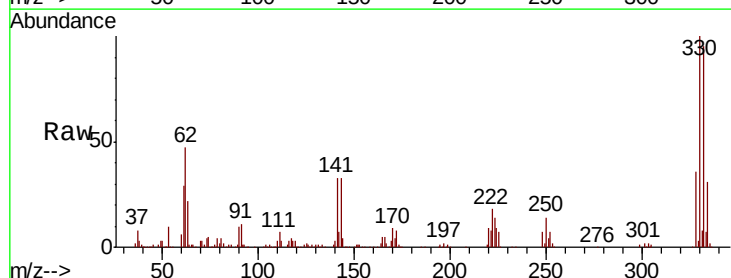
Tgt Ion:198 Resp: 1461

Ion Ratio Lower Upper

198 100

51 128.8 11.0 51.0#

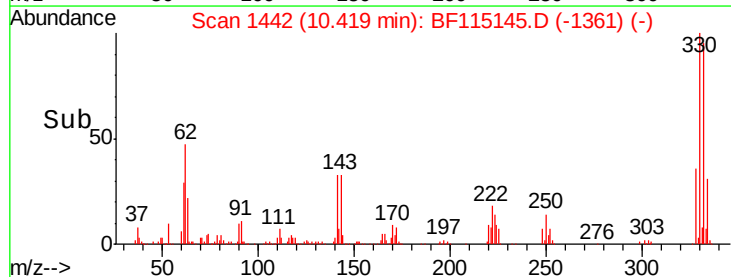
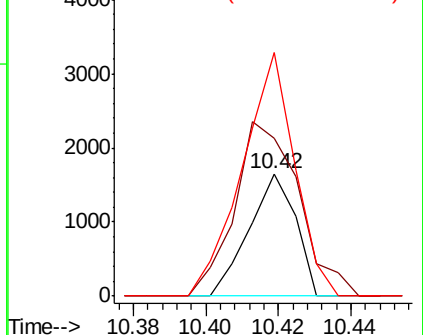
105 199.3 17.3 57.3#

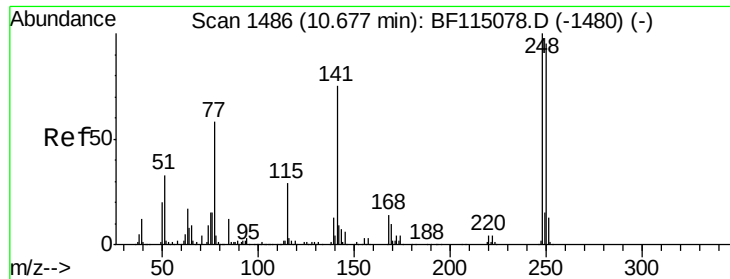


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

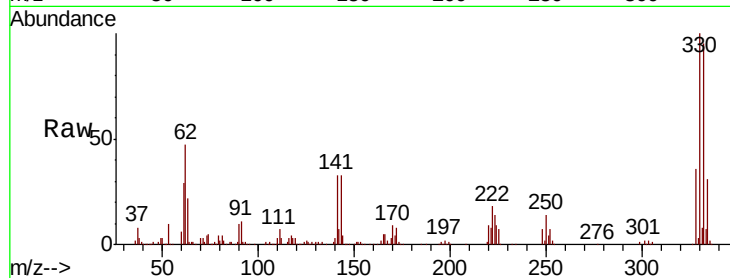




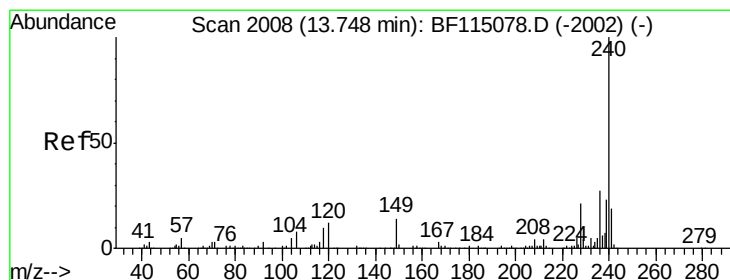
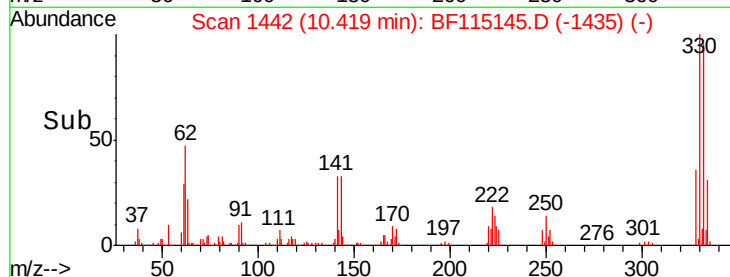
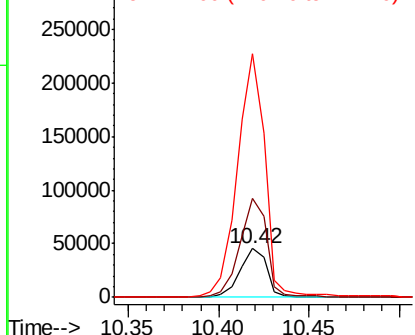
#67
 4-Bromophenyl-phenylether
 Concen: 3.679 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.26 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BL

Tot Ion:248 Resp: 47585
 Ion Ratio Lower Upper
 248 100
 250 204.0 76.2 114.2#
 141 501.9 59.6 89.4#

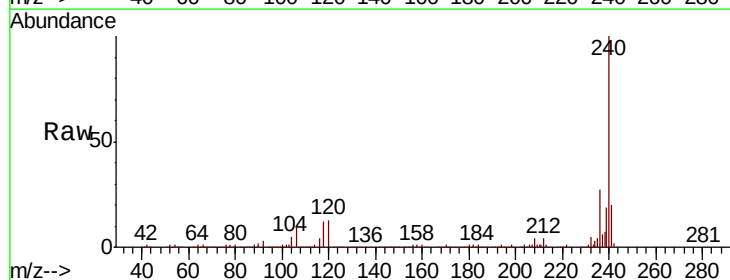


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

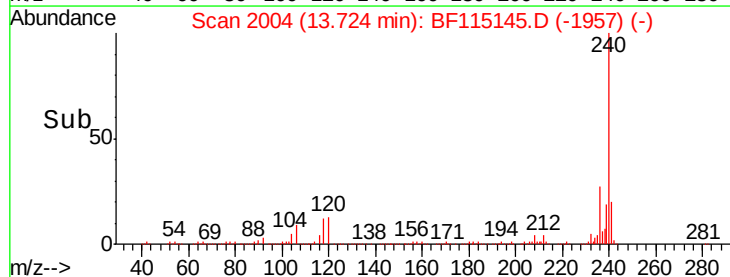
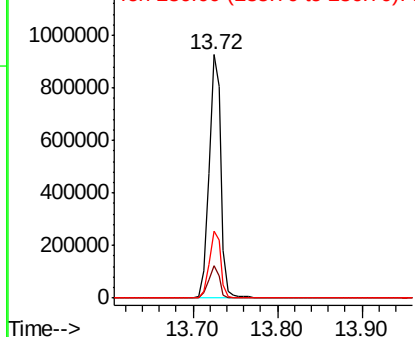


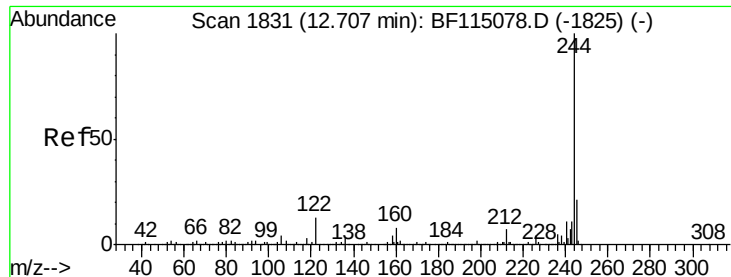
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

Tgt Ion:240 Resp: 905405
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.4 14.2
 236 27.3 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: 76.025 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

PB120809BL

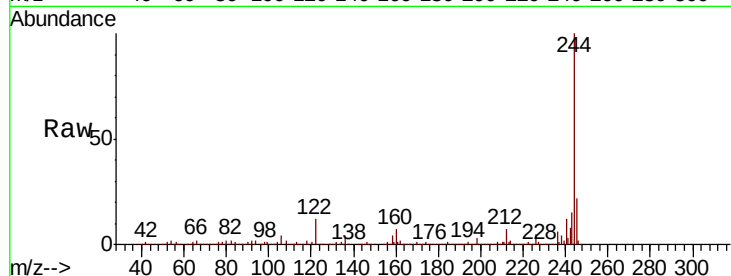
Tot Ion:244 Resp: 3237439

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

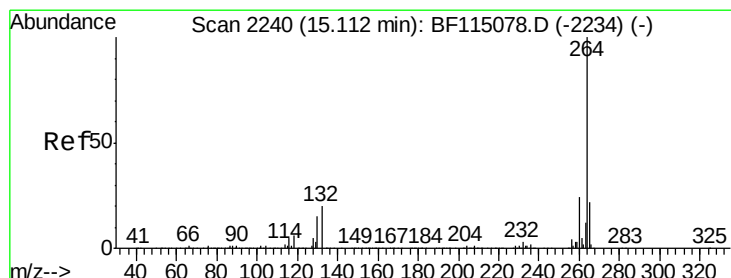
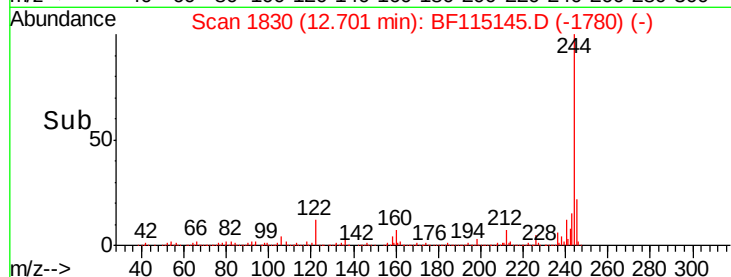
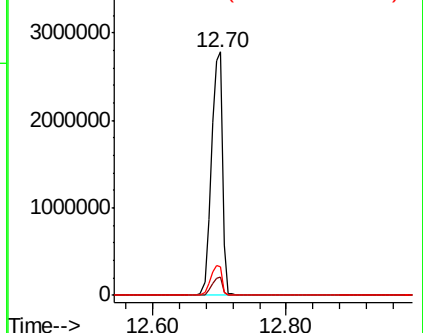
122 11.5 10.4 15.6



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: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

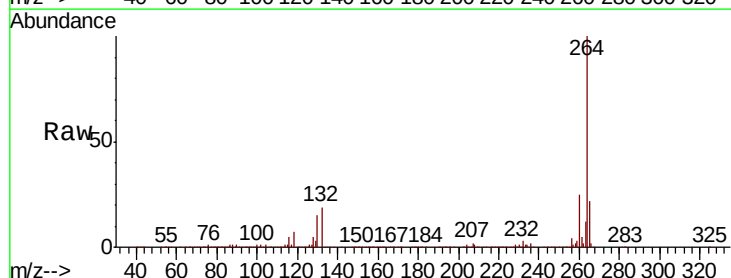
Tgt Ion:264 Resp: 830113

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 22.0 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

