

Data File : BF115278.D
Acq On : 28 Jun 2019 13:47
Operator : HP/JU
Sample : PB120984BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Quant Time: Jun 29 02:33:44 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	6.60	152	262630	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1016503	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	495130	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	966566	20.00	ng	0.00
76) Chrysene-d12	13.71	240	775289	20.00	ng	0.00
87) Perylene-d12	15.08	264	852392	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1603023	94.19	ng	0.01
7) Phenol-d6	6.24	99	1972526	95.49	ng	0.00
23) Nitrobenzene-d5	7.16	82	1205992	72.98	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	567492	108.69	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2301330	78.95	ng	0.00
79) Terphenyl-d14	12.68	244	2639862	72.40	ng	0.00

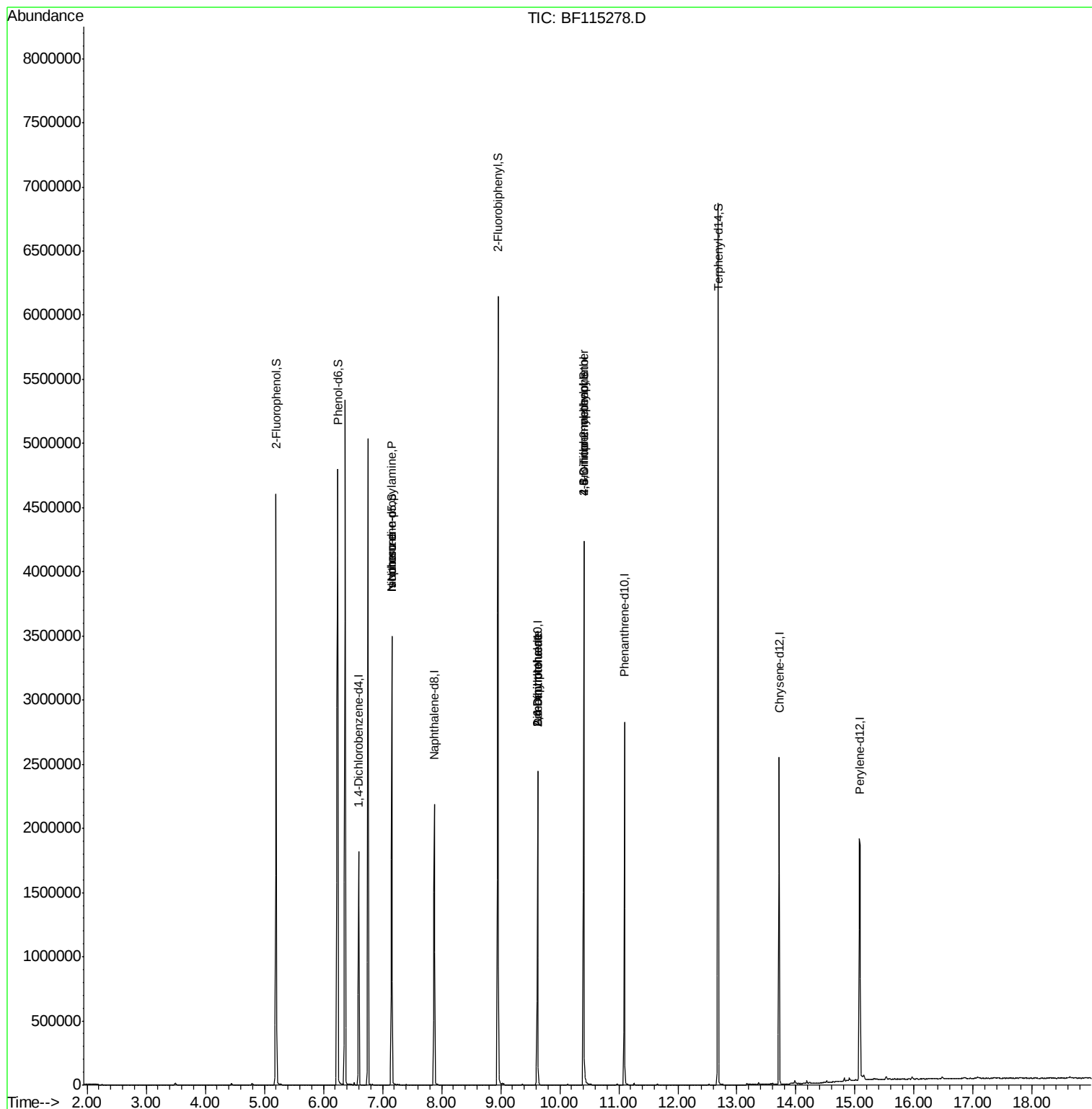
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	158279	11.968	ng	# 78
25) Isophorone	7.16	82	1196946	35.359	ng	# 63
50) Dimethylphthalate	9.62	163	138388	3.799	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	64408	7.658	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	64408	5.931	ng	# 30
58) Fluorene	10.41	166	25869	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	1189	5.167	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	36139	3.449	ng	# 1

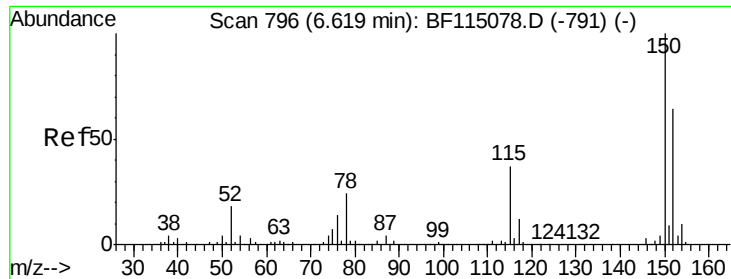
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF115278.D
Acq On : 28 Jun 2019 13:47
Operator : HP/JU
Sample : PB120984BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Quant Time: Jun 29 02:33:44 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



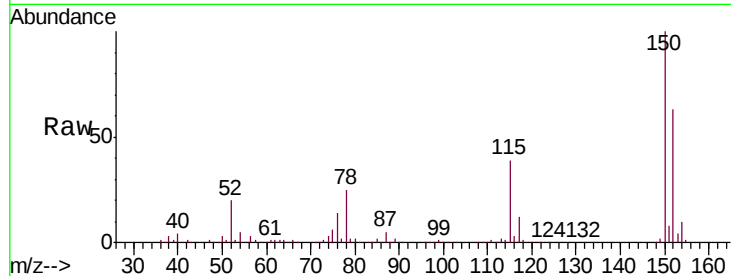


#1

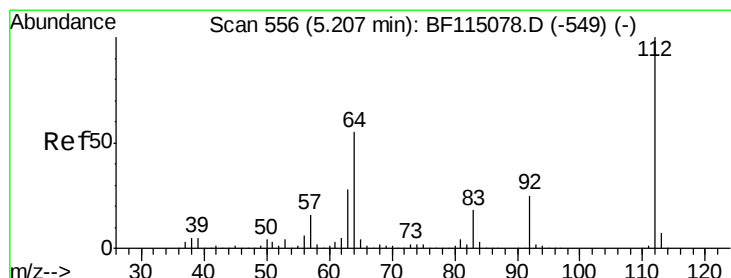
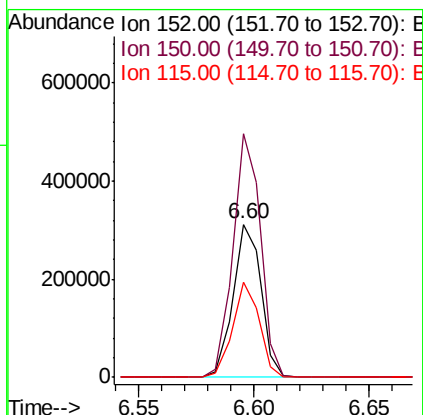
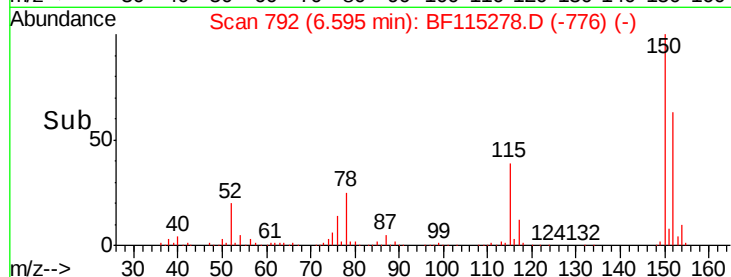
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Tgt Ion:152 Resp: 262630
Ion Ratio Lower Upper
152 100
150 158.8 124.2 186.2
115 61.7 46.1 69.1



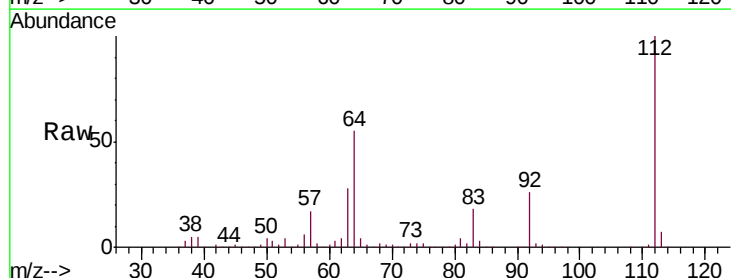
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



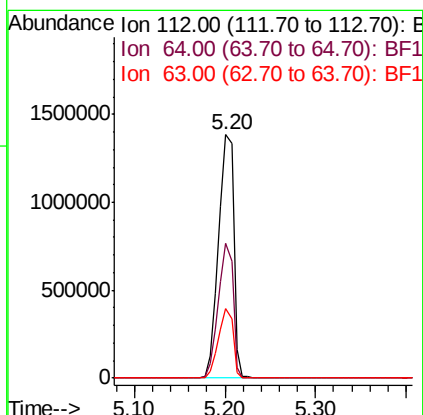
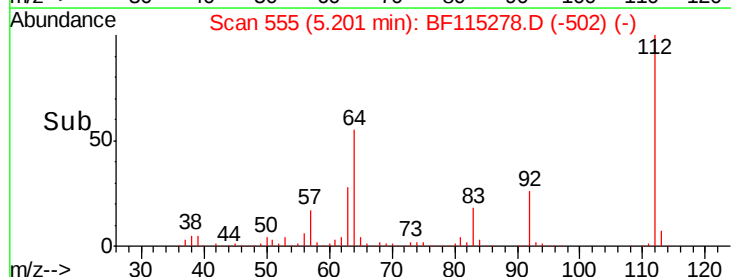
#5

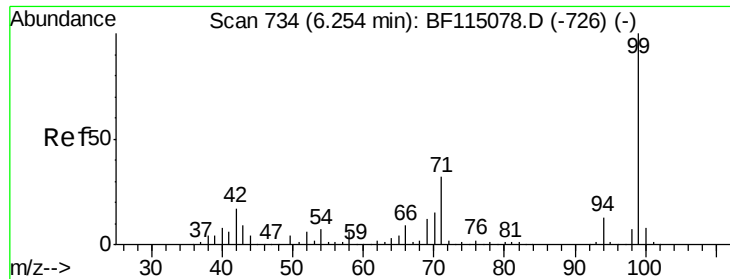
2-Fluorophenol
Concen: 94.191 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Tgt Ion:112 Resp: 1603023
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.6
63 28.3 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: 95.491 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115278.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_F

ClientSampleId :

PB120984BL

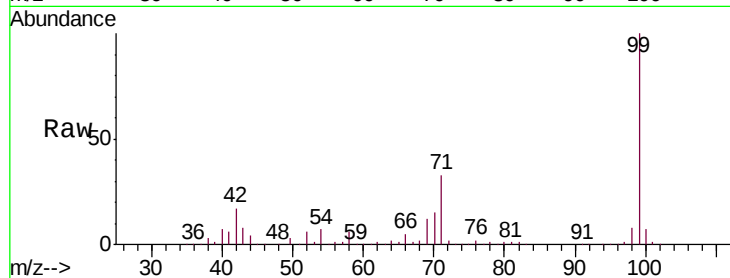
Tgt Ion: 99 Resp: 1972526

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

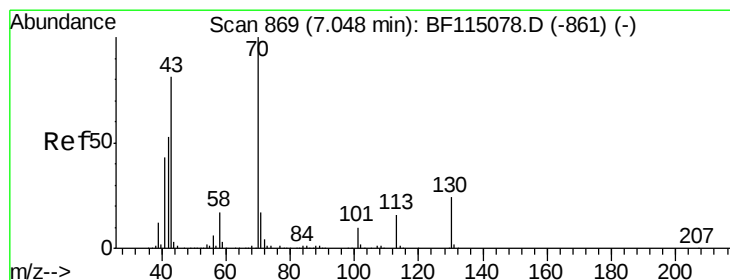
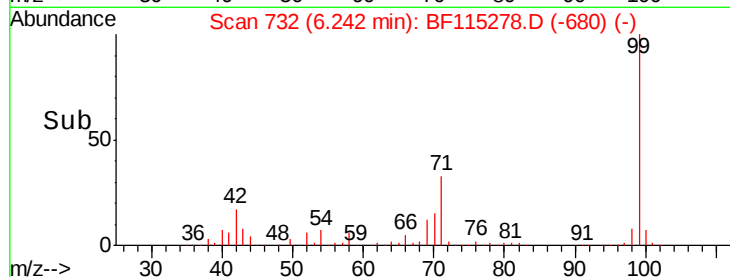
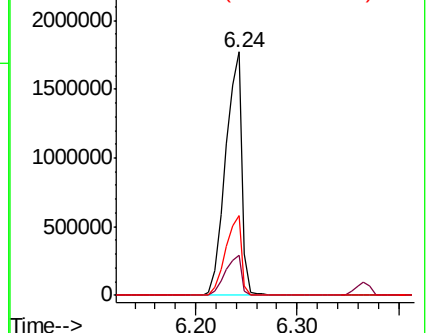
71 32.8 25.5 38.3



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: 11.968 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115278.D

Acq: 28 Jun 2019 13:47

Tgt Ion: 70 Resp: 158279

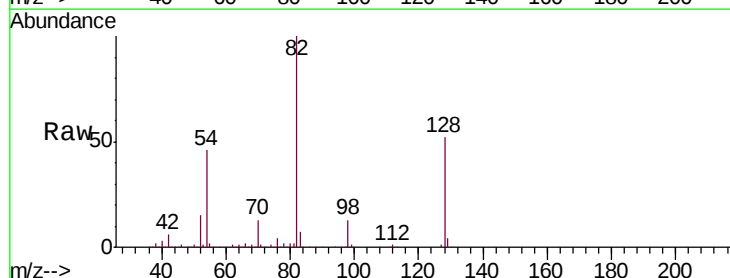
Ion Ratio Lower Upper

70 100

42 44.8 42.6 63.8

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

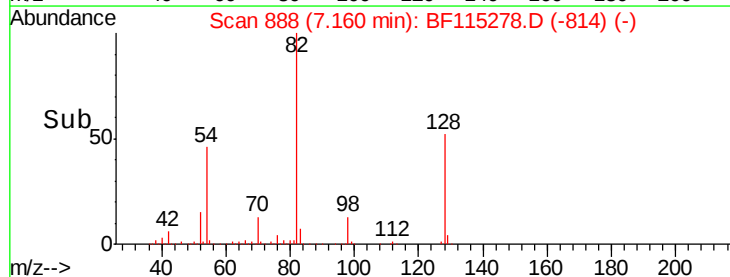
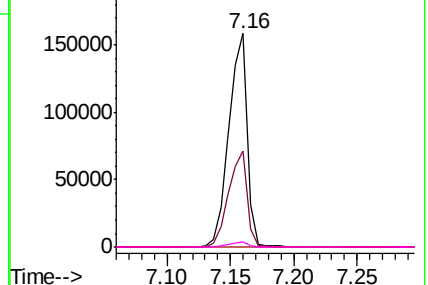


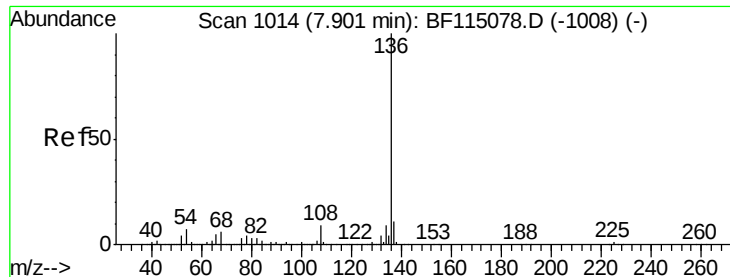
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

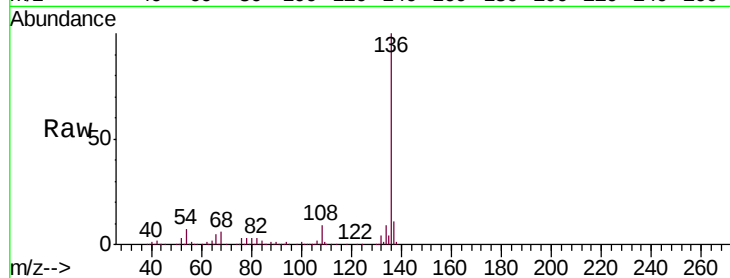




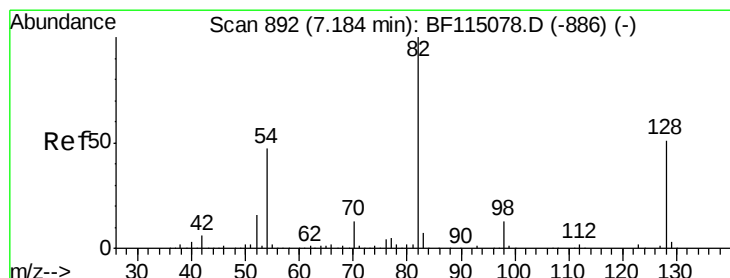
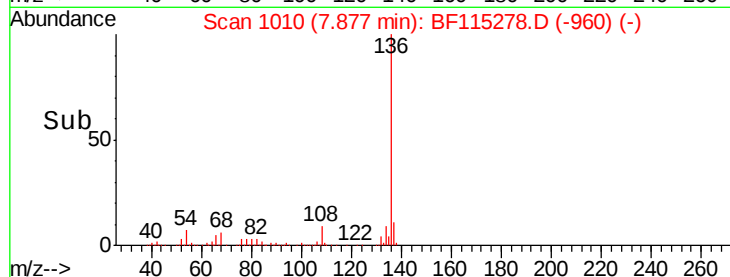
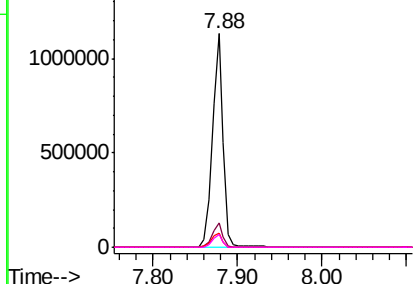
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Tgt Ion:	136	Resp:	1016503
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.6	8.4
68	5.8	4.8	7.2

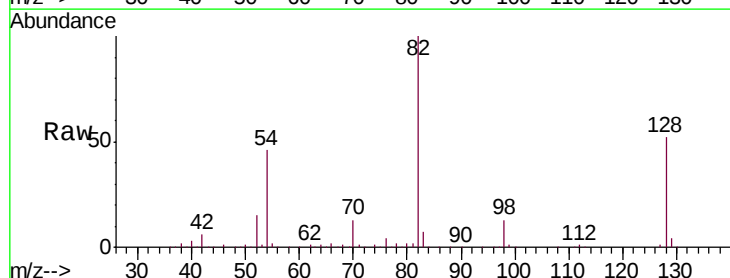


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

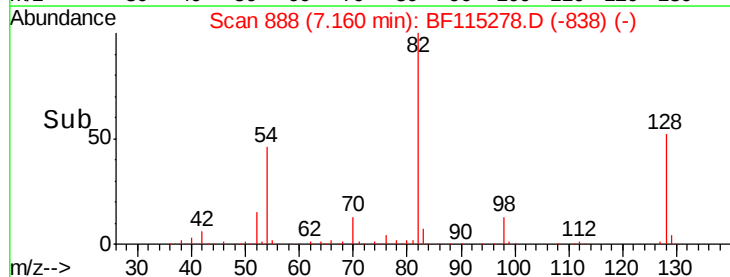
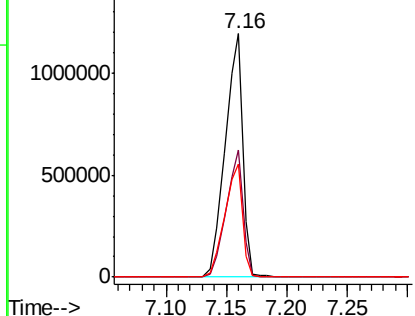


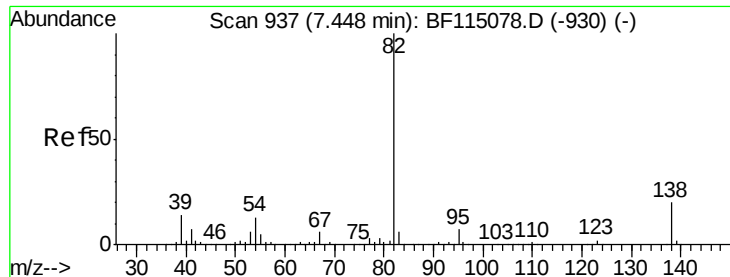
#23
Nitrobenzene-d5
Concen: 72.983 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Tgt Ion:	82	Resp:	1205992
Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.4	60.6
54	46.3	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: 35.359 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115278.D

Acq: 28 Jun 2019 13:47

Instrument :

BNA_F

ClientSampleId :

PB120984BL

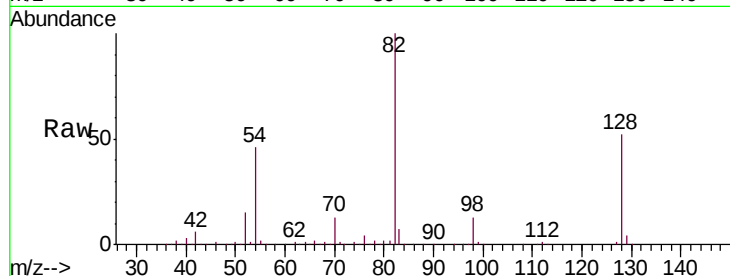
Tgt Ion: 82 Resp: 1196946

Ion Ratio Lower Upper

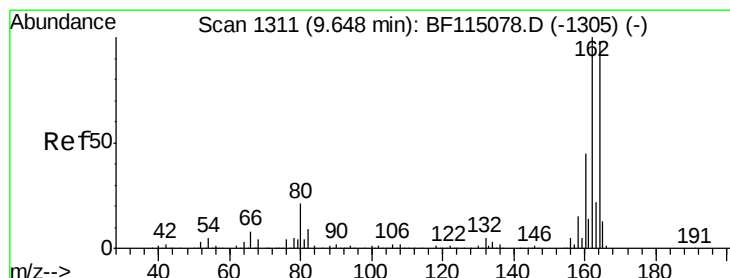
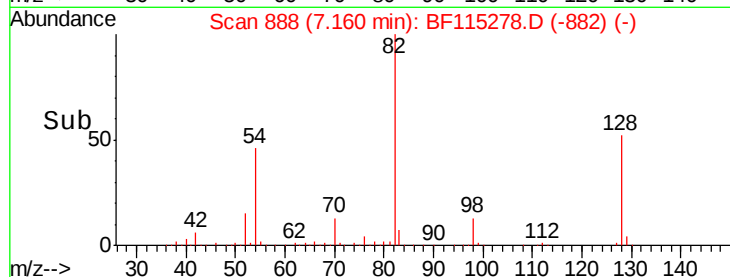
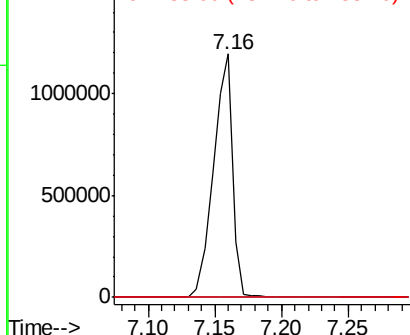
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115278.D

Acq: 28 Jun 2019 13:47

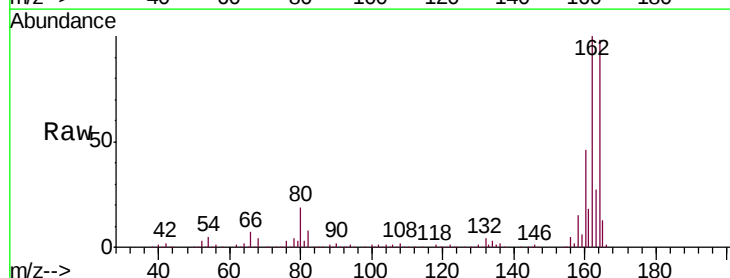
Tgt Ion: 164 Resp: 495130

Ion Ratio Lower Upper

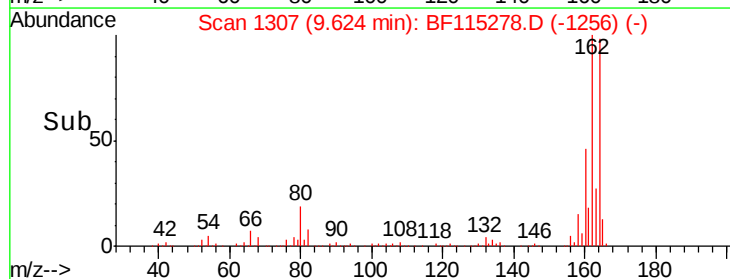
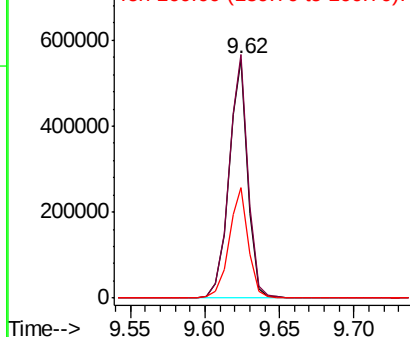
164 100

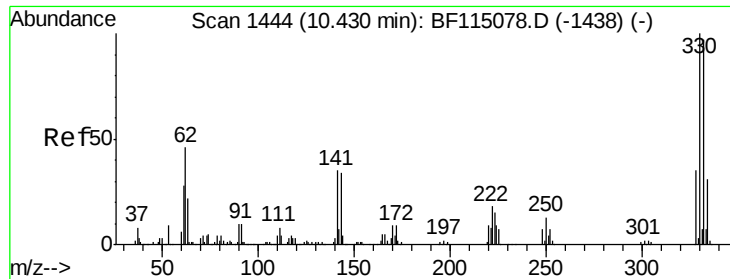
162 101.8 81.7 122.5

160 46.4 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

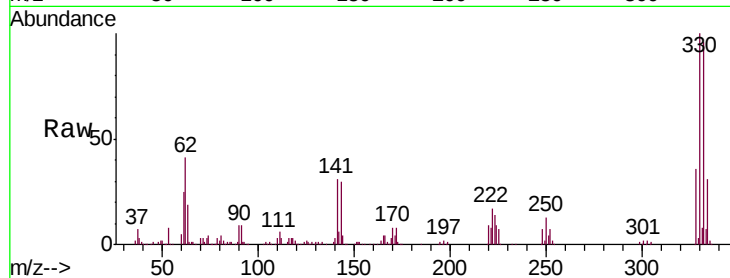




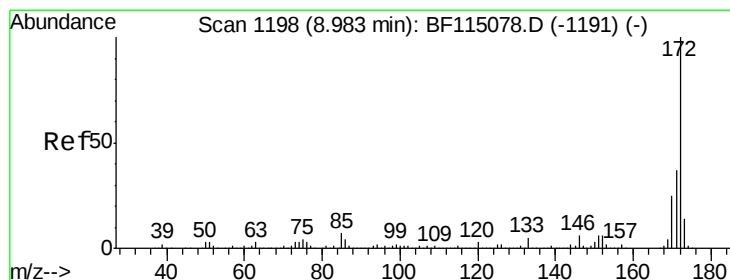
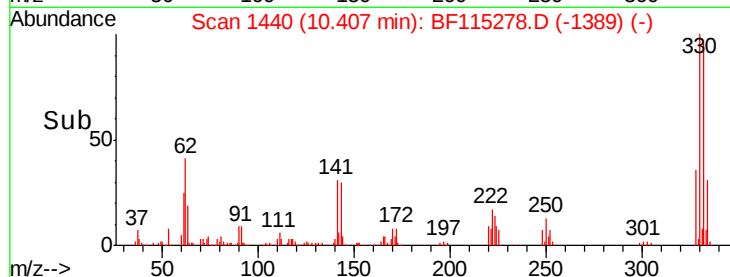
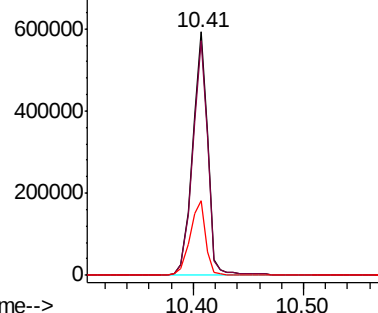
#42
 2,4,6-Tribromophenol
 Concen: 108.687 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF115278.D
 Acq: 28 Jun 2019 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB120984BL

Tgt Ion:330 Resp: 567492
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 32.0 28.2 42.2

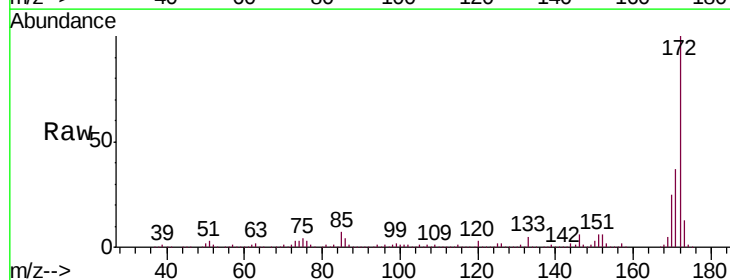


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

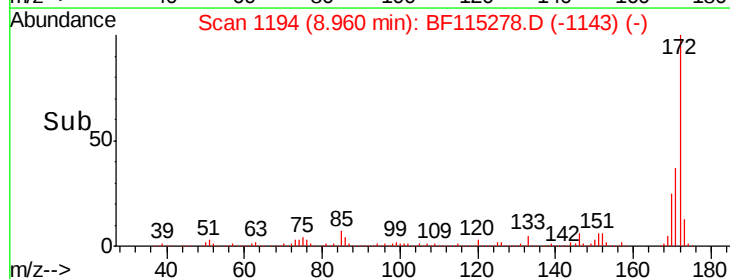
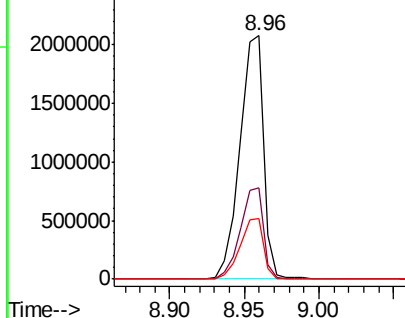


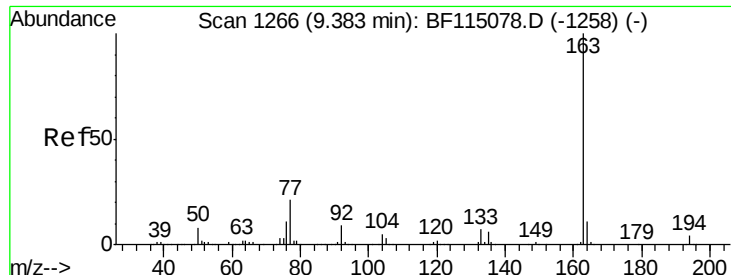
#45
 2-Fluorobiphenyl
 Concen: 78.951 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF115278.D
 Acq: 28 Jun 2019 13:47

Tgt Ion:172 Resp: 2301330
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.1 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

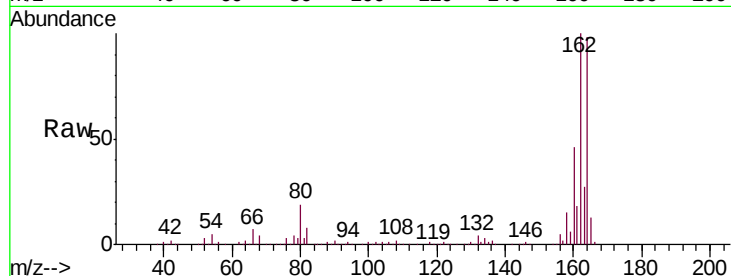




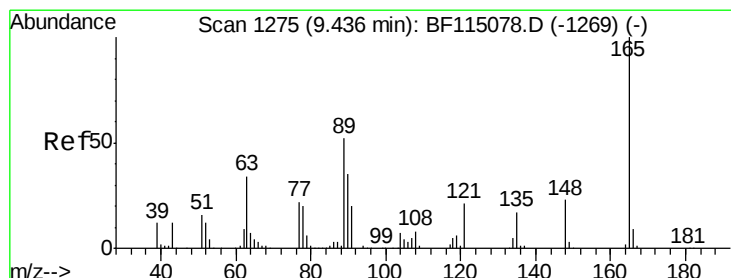
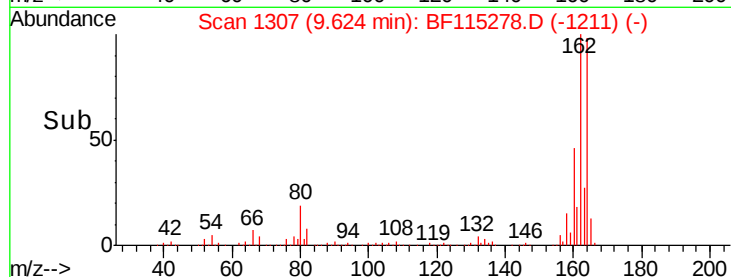
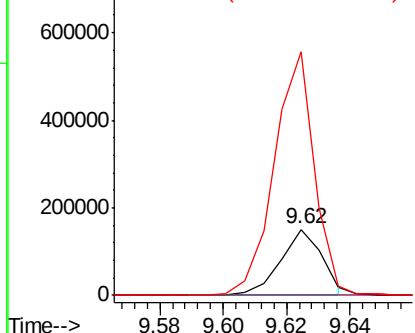
#50
Dimethylphthalate
Concen: 3.799 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Tgt Ion:163 Resp: 138388
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 367.8 8.6 13.0#

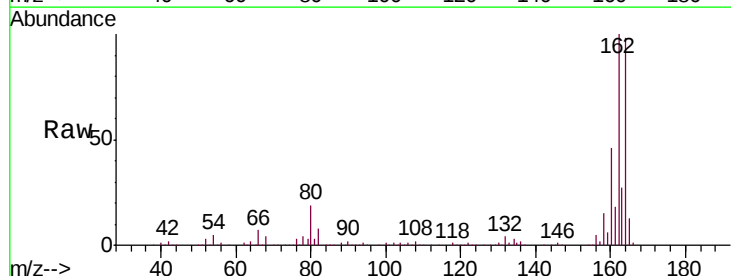


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

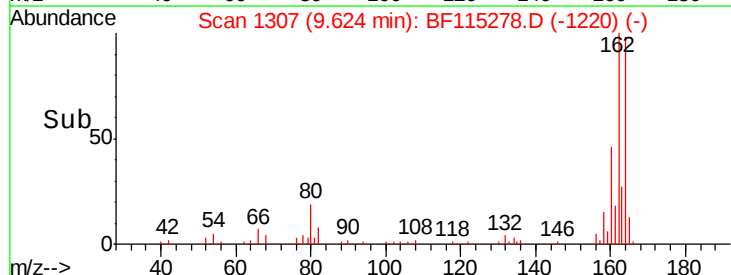
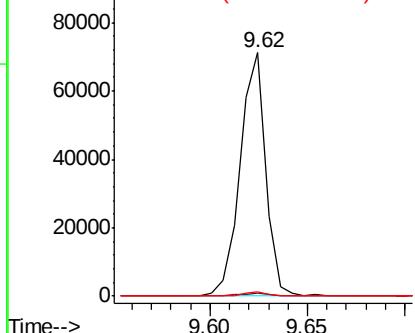


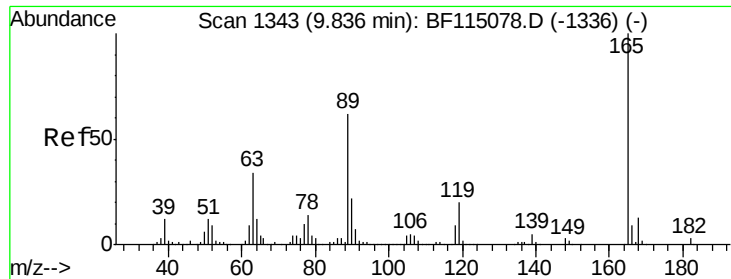
#51
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Tgt Ion:165 Resp: 64408
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.2#
89 1.5 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

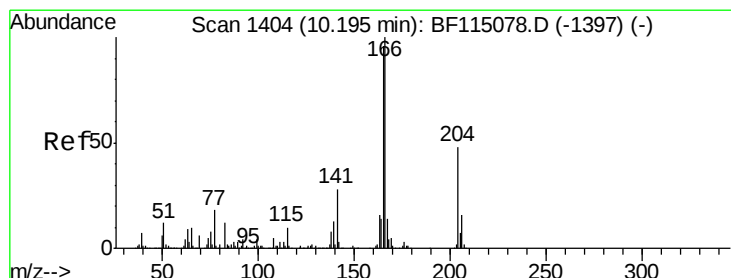
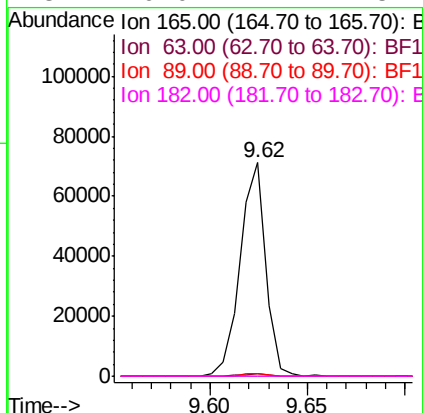
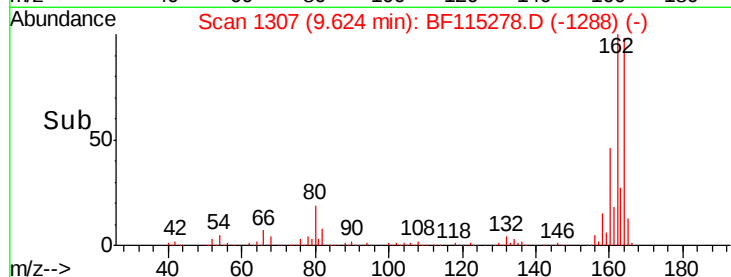
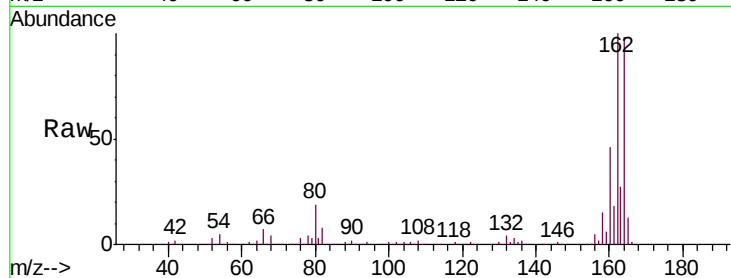




#57
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

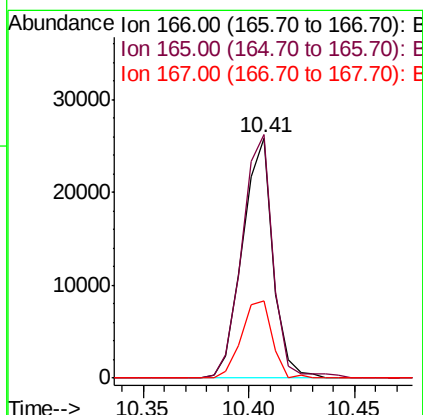
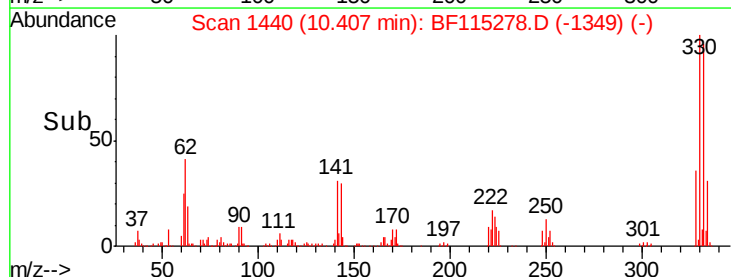
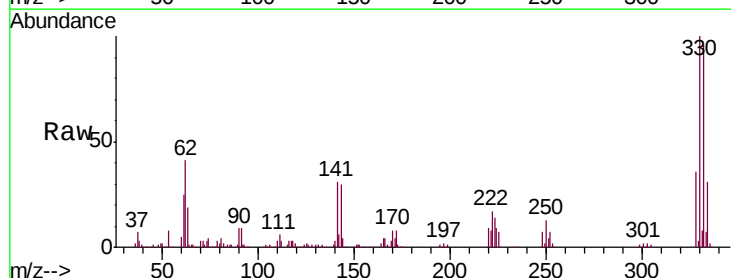
Instrument :
BNA_F
ClientSampleId :
PB120984BL

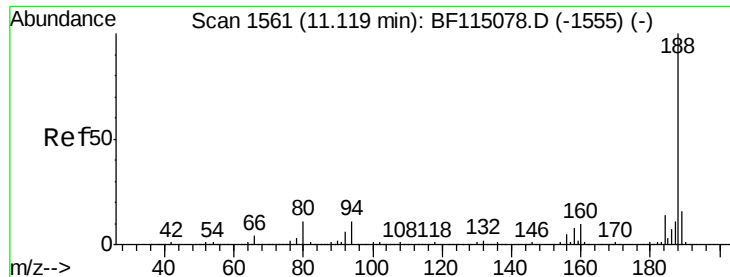
Tgt Ion:	165	Resp:	64408
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.5	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Tgt Ion:	166	Resp:	25869
Ion	Ratio	Lower	Upper
166	100		
165	101.4	76.5	114.7
167	32.0	11.0	16.4#

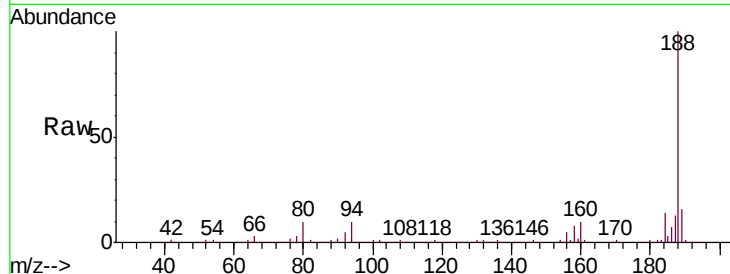




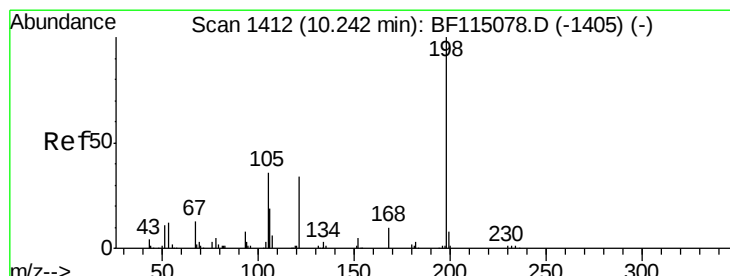
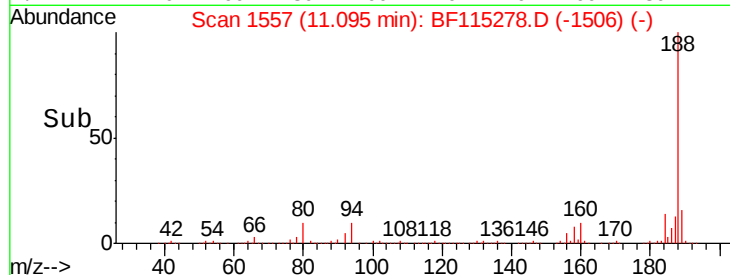
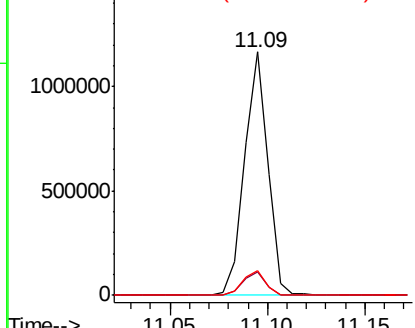
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Tgt Ion:188 Resp: 966566
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 9.9 8.8 13.2

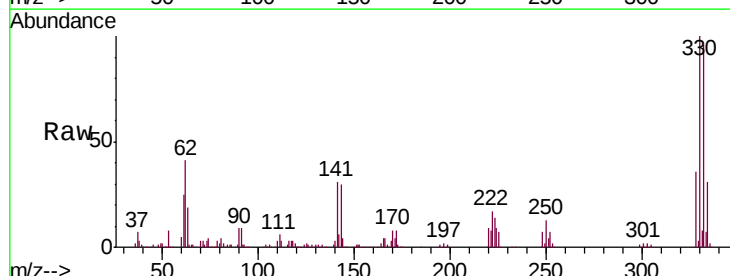


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

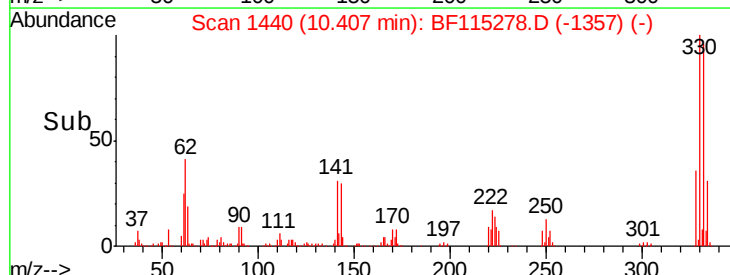
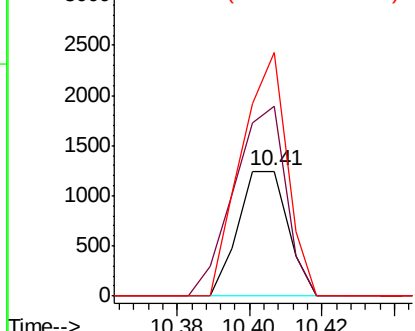


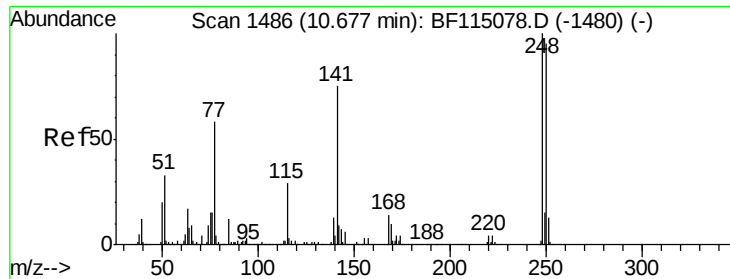
#65
4,6-Dinitro-2-methylphenol
Concen: 5.167 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Tgt Ion:198 Resp: 1189
Ion Ratio Lower Upper
198 100
51 152.0 11.0 51.0#
105 194.9 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

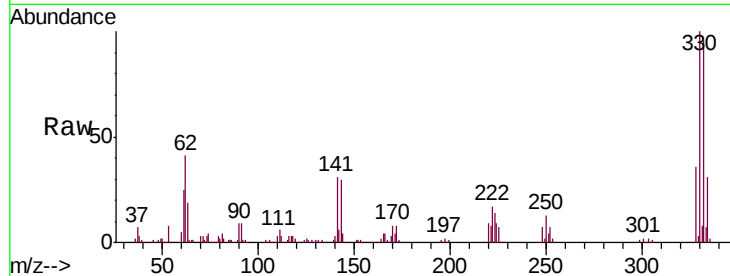




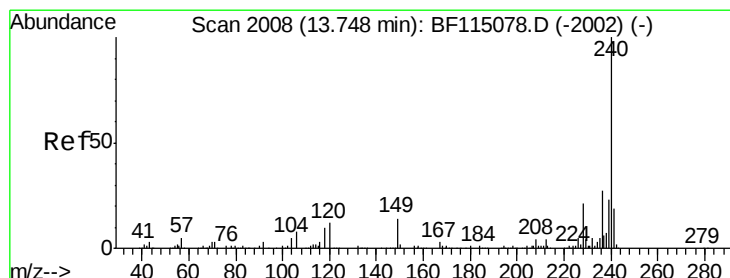
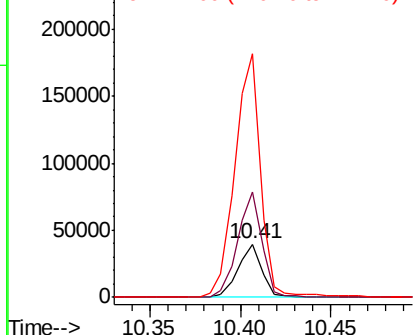
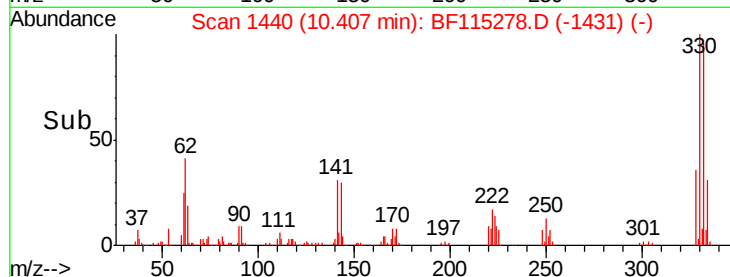
#67
4-Bromophenyl-phenylether
Concen: 3.449 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Instrument :
BNA_F
ClientSampleId :
PB120984BL

Tgt Ion:248 Resp: 36139
Ion Ratio Lower Upper
248 100
250 198.6 76.2 114.2#
141 457.3 59.6 89.4#

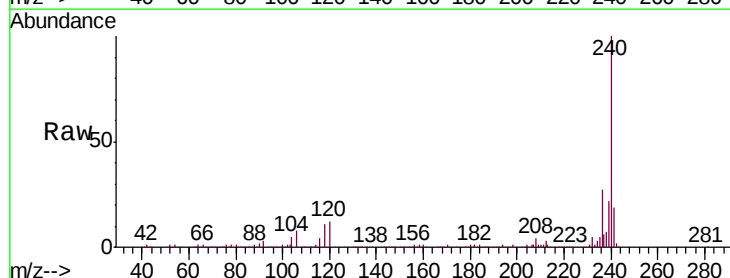


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

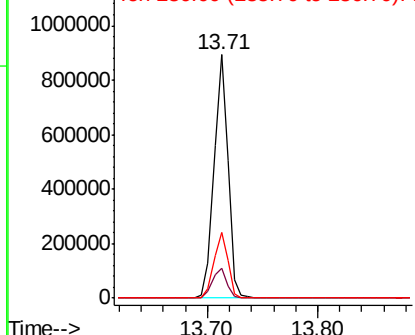
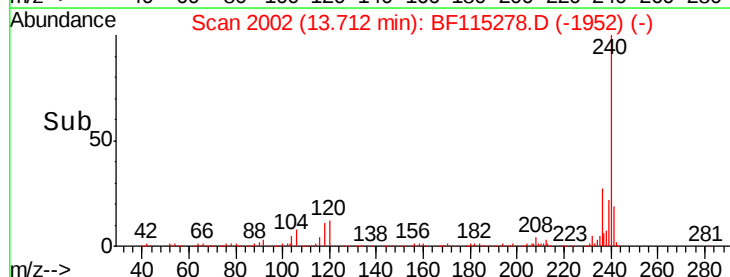


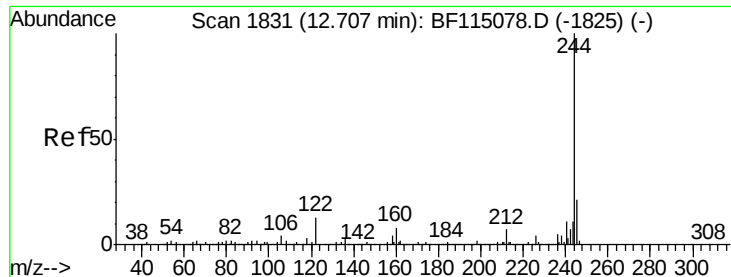
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115278.D
Acq: 28 Jun 2019 13:47

Tgt Ion:240 Resp: 775289
Ion Ratio Lower Upper
240 100
120 12.4 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

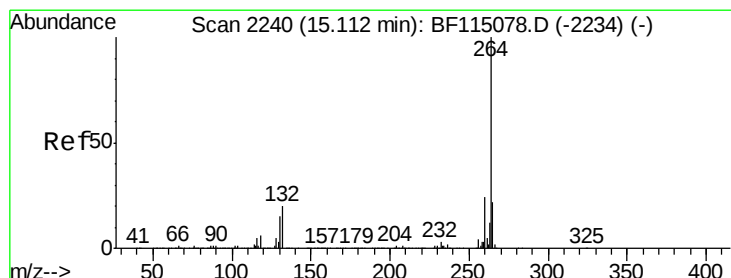
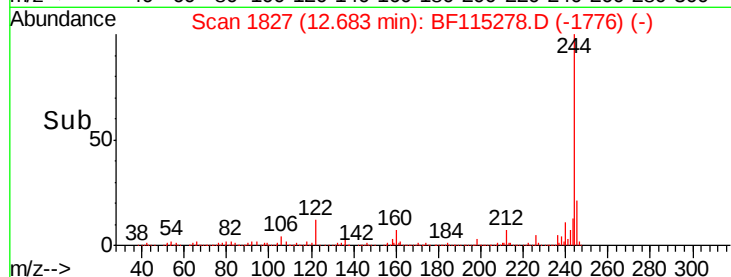
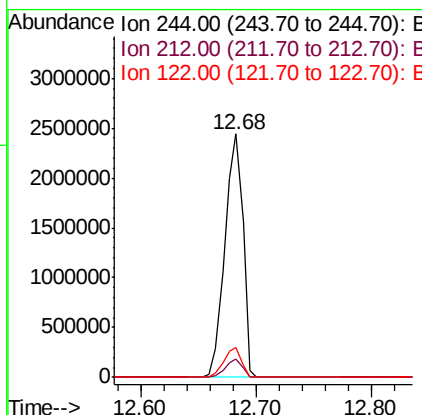
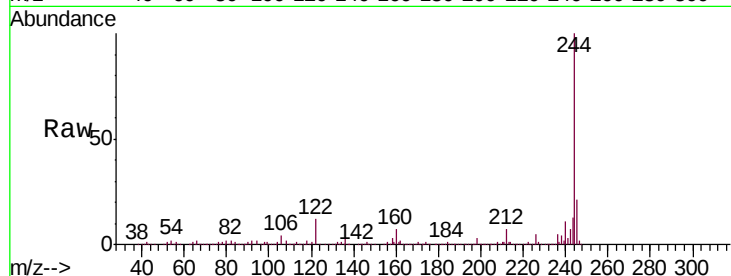




#79
 Terphenyl-d14
 Concen: 72.396 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115278.D
 Acq: 28 Jun 2019 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB120984BL

Tgt Ion:244 Resp: 2639862
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.1 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BF115278.D
 Acq: 28 Jun 2019 13:47

Tgt Ion:264 Resp: 852392
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.5 17.3 25.9

