

Data File : BF115275.D
Acq On : 28 Jun 2019 12:28
Operator : HP/JU
Sample : PB120979BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120979BL

Quant Time: Jun 29 02:32:31 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	227727	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	860366	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	427283	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	852476	20.00	ng	0.00
76) Chrysene-d12	13.71	240	695864	20.00	ng	0.00
87) Perylene-d12	15.08	264	753916	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1605489	108.79	ng	0.01
7) Phenol-d6	6.24	99	1952949	109.03	ng	0.00
23) Nitrobenzene-d5	7.16	82	1212324	86.68	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	574659	127.54	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2323148	92.35	ng	0.00
79) Terphenyl-d14	12.68	244	2625703	80.23	ng	0.00

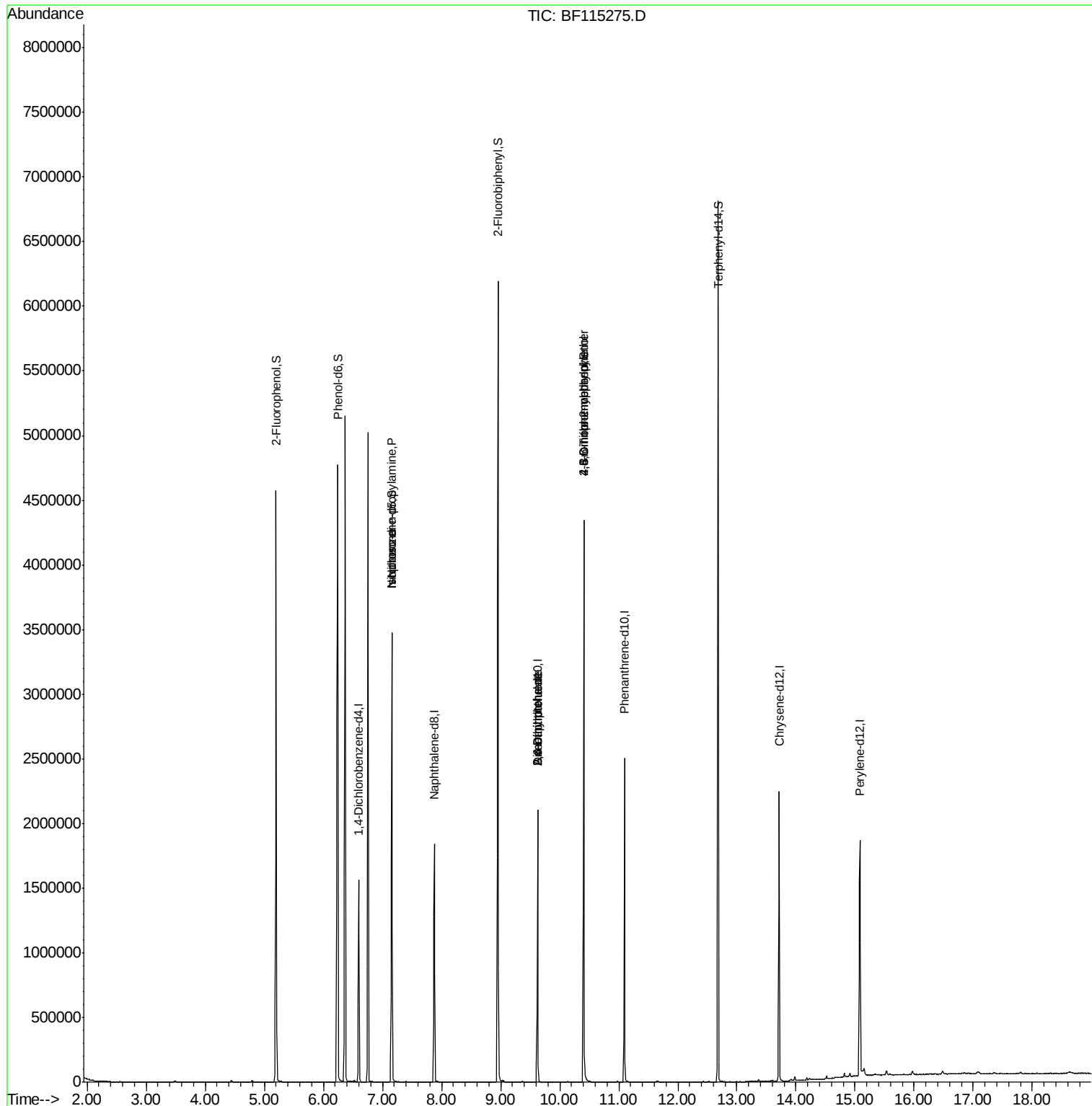
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	160984	14.039	ng	# 76
25) Isophorone	7.16	82	1204346	42.035	ng	# 63
50) Dimethylphthalate	9.62	163	117886	3.750	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	54018	7.443	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	54018	5.764	ng	# 30
58) Fluorene	10.41	166	25579	Below Cal		# 81
65) 4,6-Dinitro-2-methylphenol	10.41	198	1248	5.207	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	36470	3.946	ng	# 1

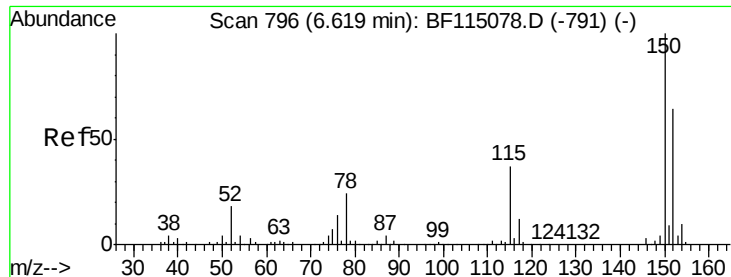
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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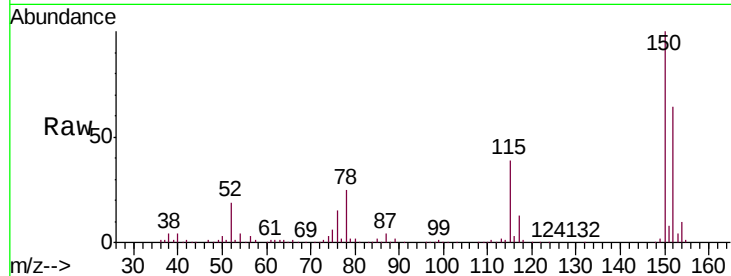


#1

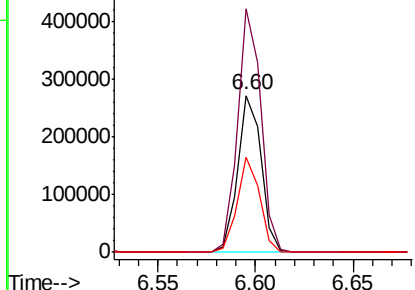
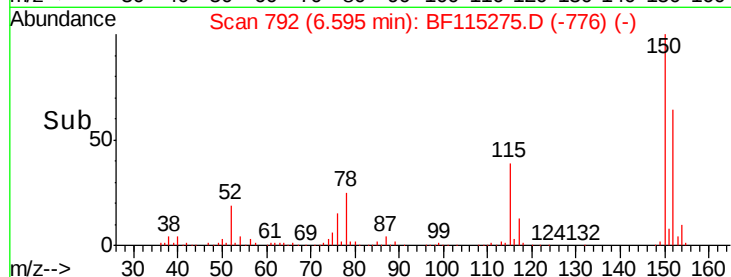
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Instrument :
BNA_F
ClientSampleId :
PB120979BL

Tgt Ion:152 Resp: 227727
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 60.7 46.1 69.1



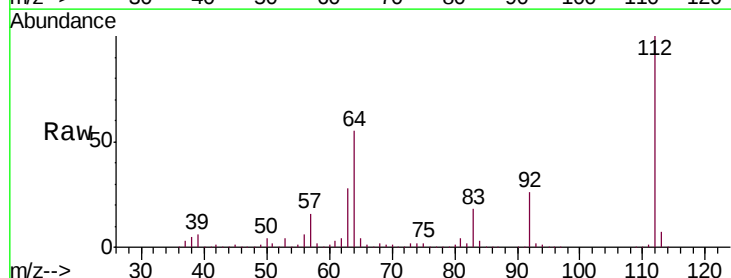
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



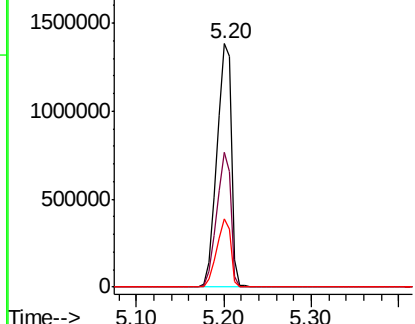
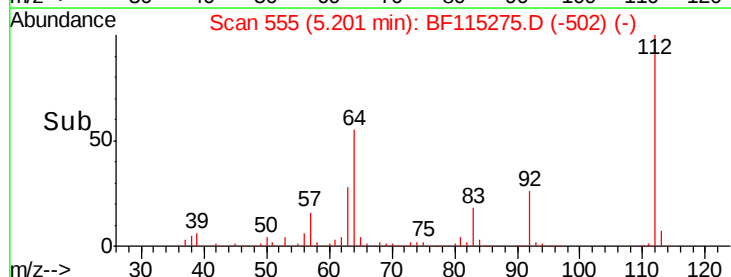
#5

2-Fluorophenol
Concen: 108.794 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Tgt Ion:112 Resp: 1605489
Ion Ratio Lower Upper
112 100
64 55.5 43.8 65.6
63 28.2 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: 109.033 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115275.D

Acq: 28 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

PB120979BL

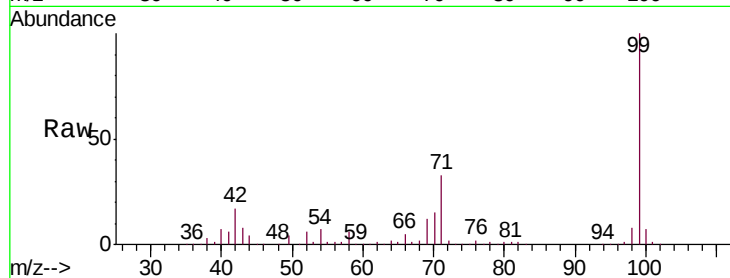
Tgt Ion: 99 Resp: 1952949

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

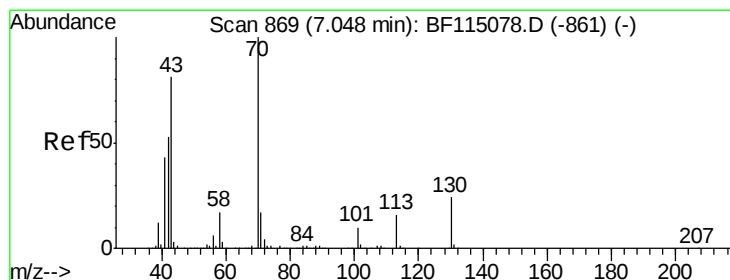
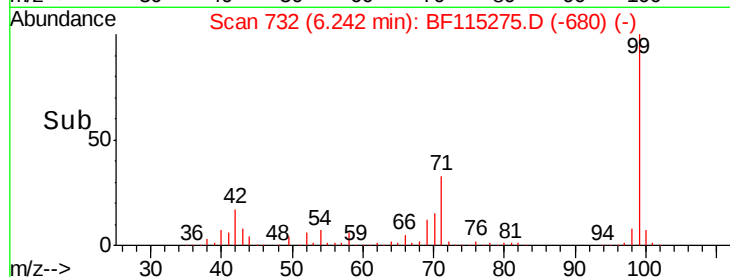
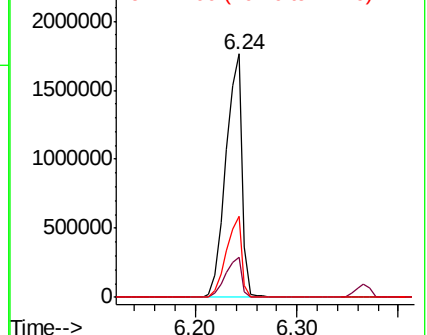
71 33.1 25.5 38.3



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: 14.039 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115275.D

Acq: 28 Jun 2019 12:28

Tgt Ion: 70 Resp: 160984

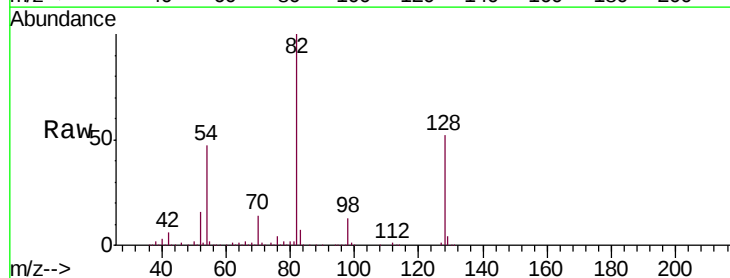
Ion Ratio Lower Upper

70 100

42 43.3 42.6 63.8

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#

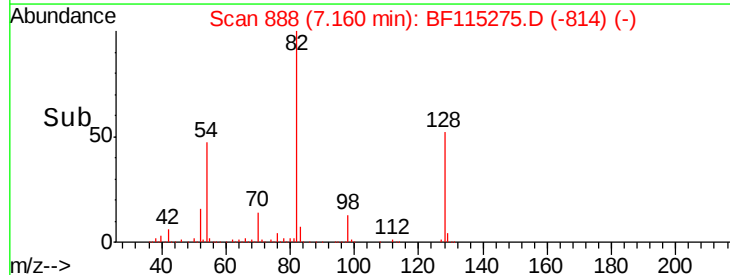
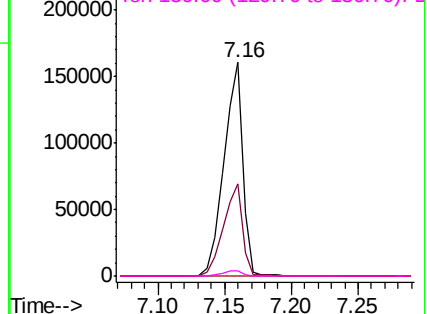


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

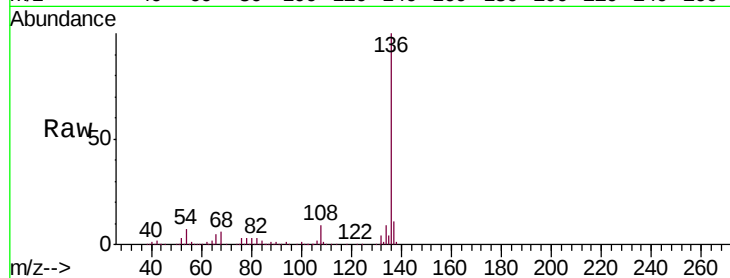




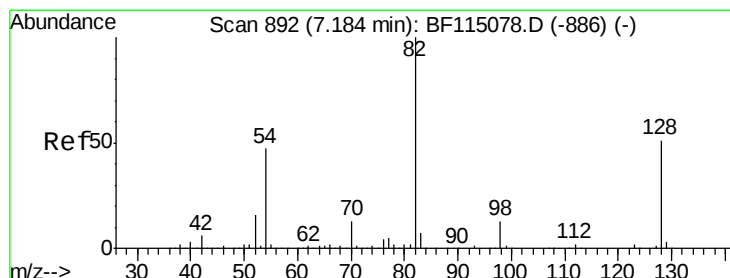
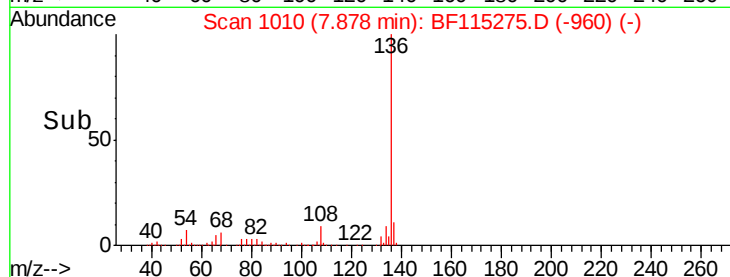
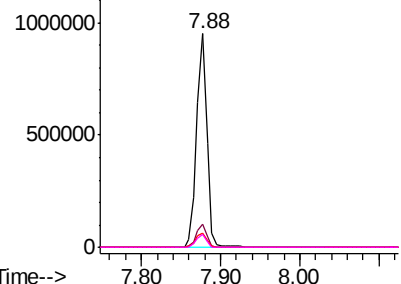
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Instrument :
BNA_F
ClientSampleId :
PB120979BL

Tgt Ion:	136	Resp:	860366
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	5.6	8.4
68	5.9	4.8	7.2

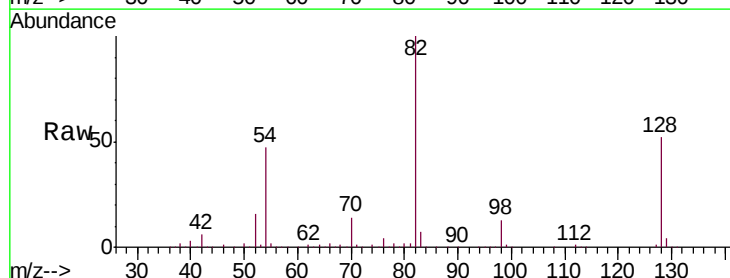


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

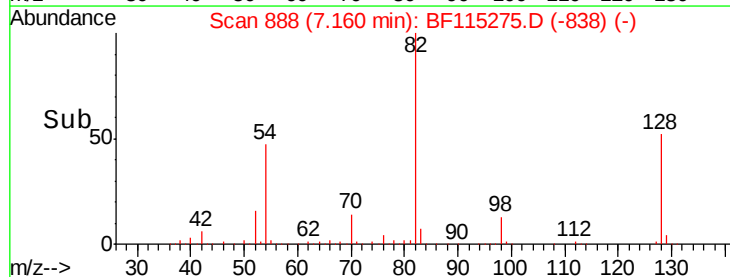
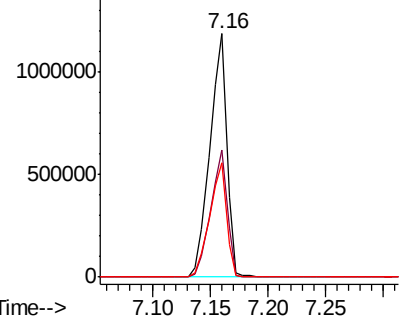


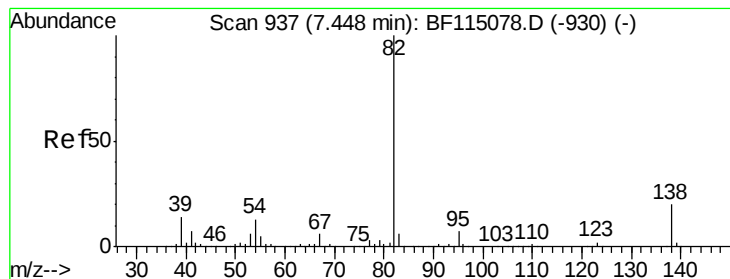
#23
Nitrobenzene-d5
Concen: 86.680 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Tgt Ion:	82	Resp:	1212324
Ion	Ratio	Lower	Upper
82	100		
128	52.0	40.4	60.6
54	47.0	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: 42.035 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115275.D

Acq: 28 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

PB120979BL

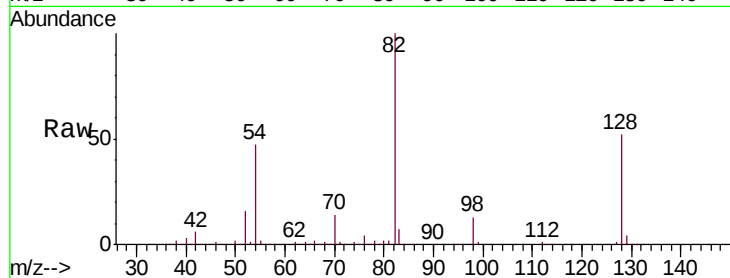
Tgt Ion: 82 Resp: 1204346

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

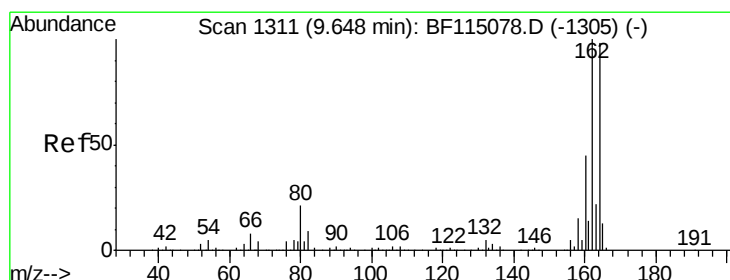
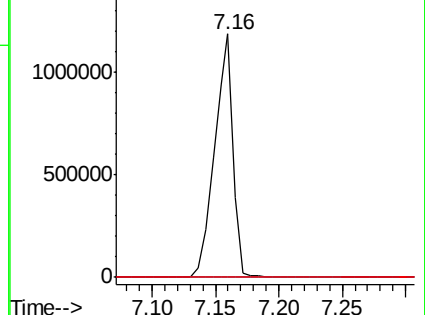
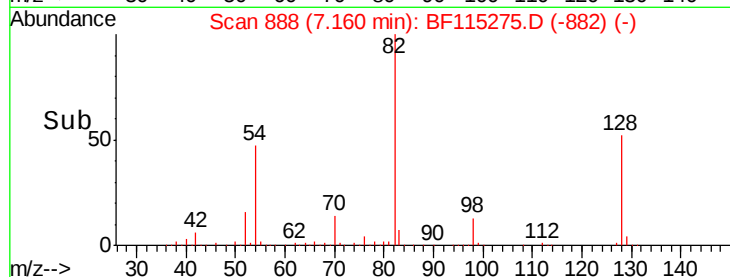
138 0.0 15.9 23.9#



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: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115275.D

Acq: 28 Jun 2019 12:28

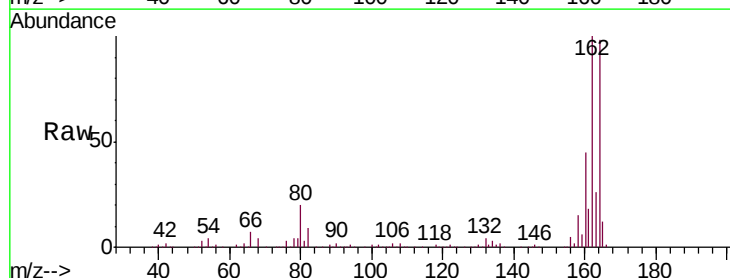
Tgt Ion: 164 Resp: 427283

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

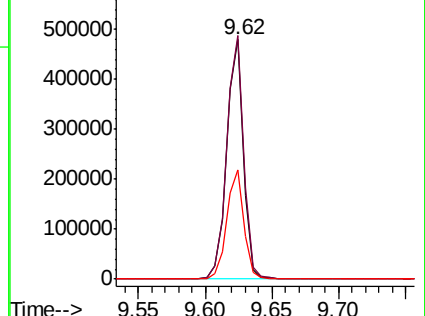
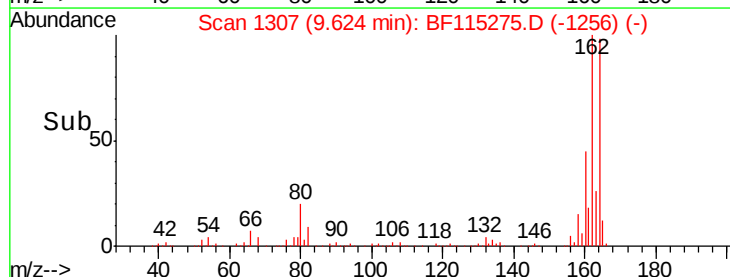
160 45.6 37.0 55.4



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

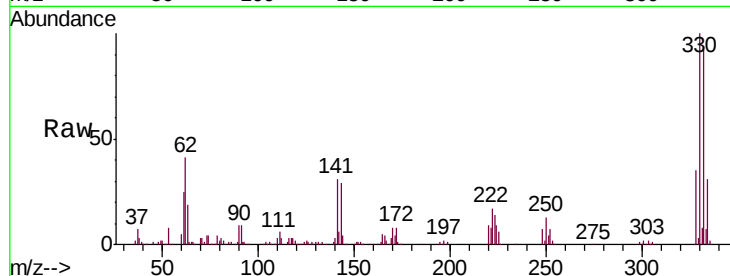




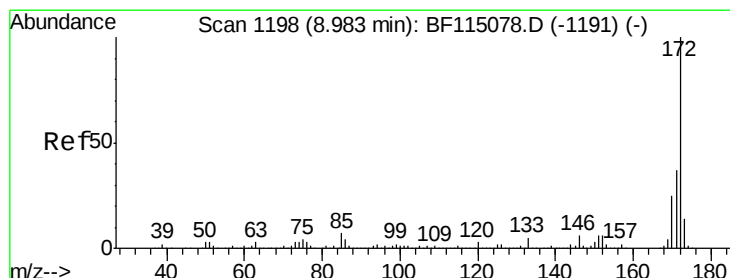
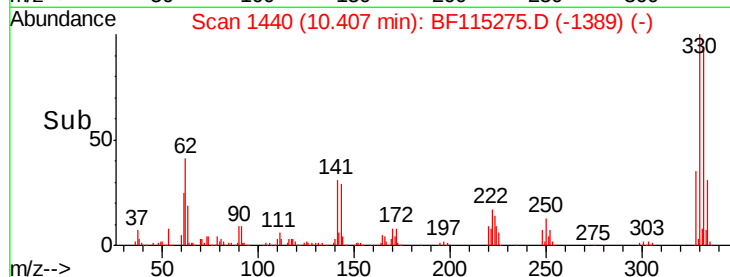
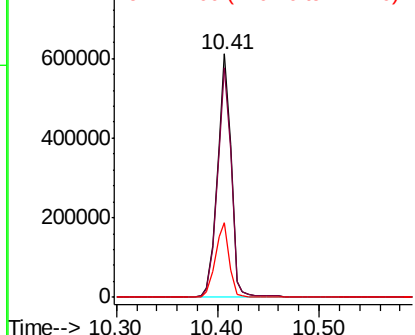
#42
 2,4,6-Tribromophenol
 Concen: 127.536 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115275.D
 Acq: 28 Jun 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BL

Tgt Ion:330 Resp: 574659
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 31.7 28.2 42.2

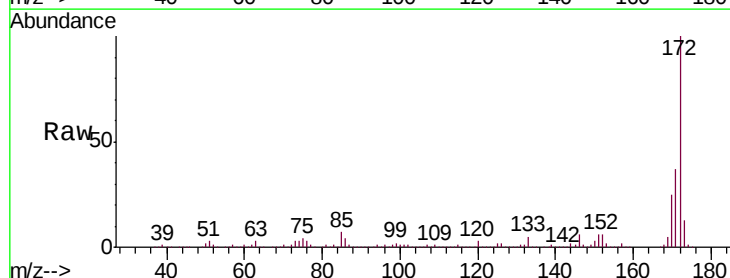


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

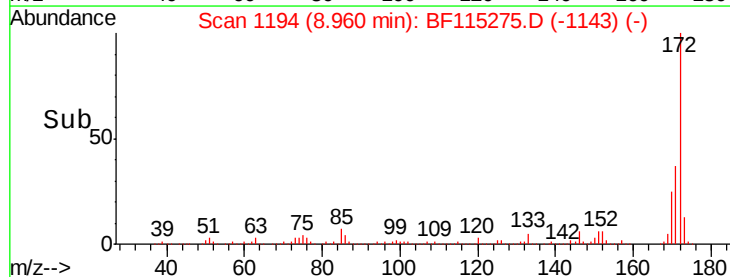
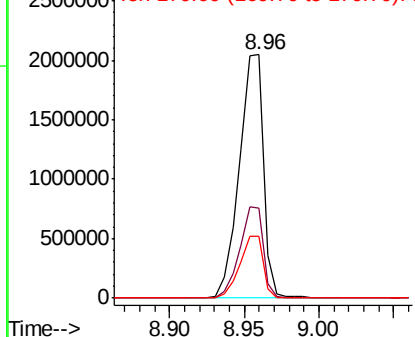


#45
 2-Fluorobiphenyl
 Concen: 92.354 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115275.D
 Acq: 28 Jun 2019 12:28

Tgt Ion:172 Resp: 2323148
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.4 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

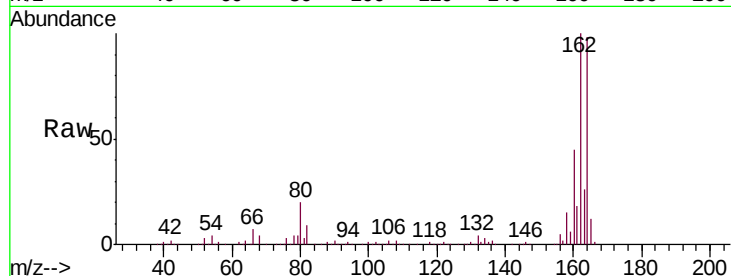




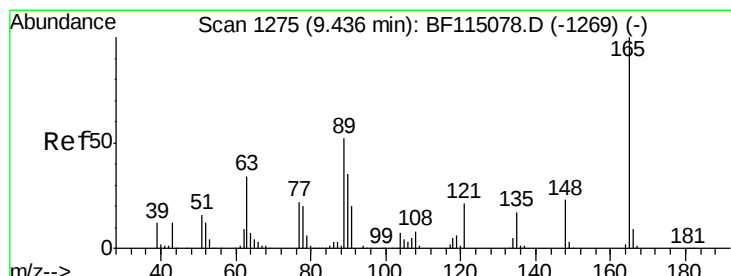
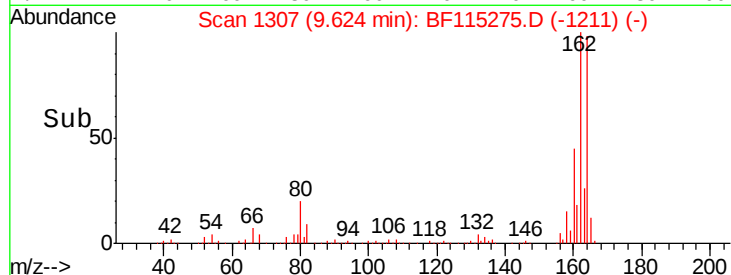
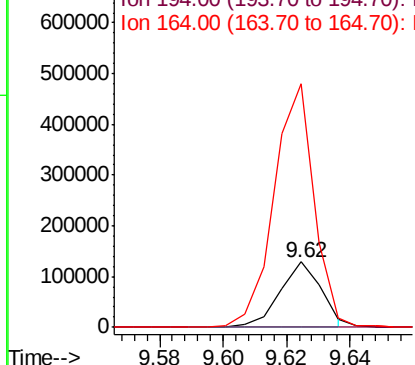
#50
Dimethylphthalate
Concen: 3.750 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Instrument :
BNA_F
ClientSampleId :
PB120979BL

Tgt Ion:163 Resp: 117886
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 374.1 8.6 13.0#

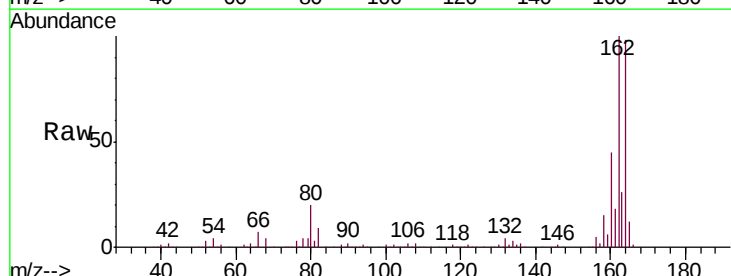


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

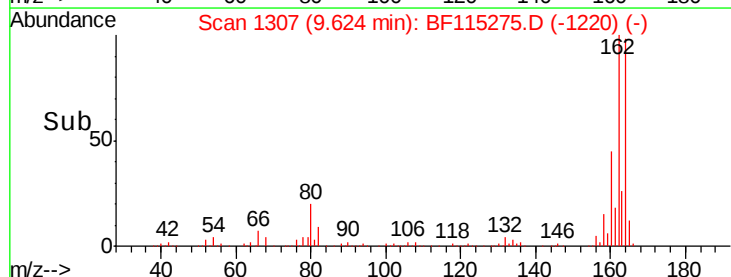
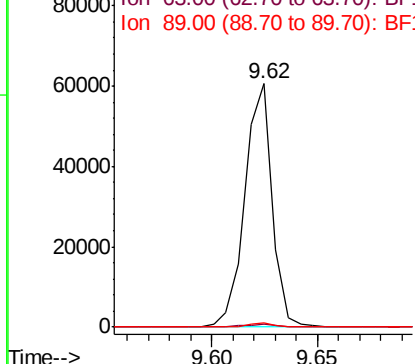


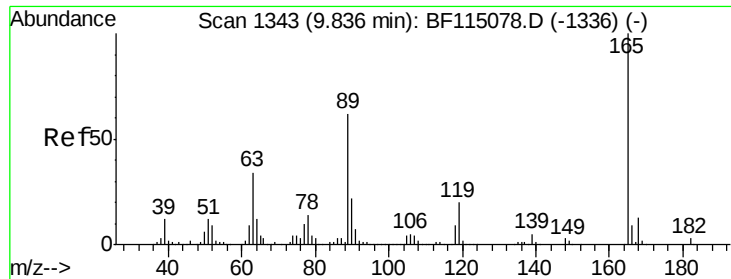
#51
2,6-Dinitrotoluene
Concen: 7.443 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Tgt Ion:165 Resp: 54018
Ion Ratio Lower Upper
165 100
63 1.1 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

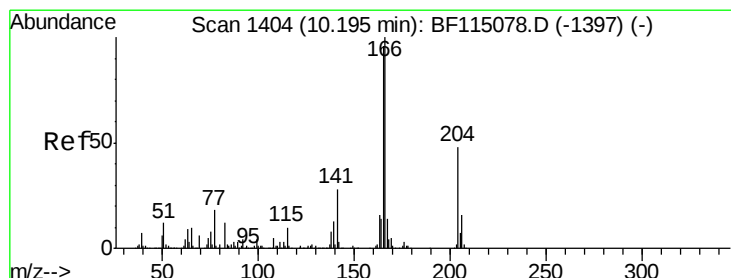
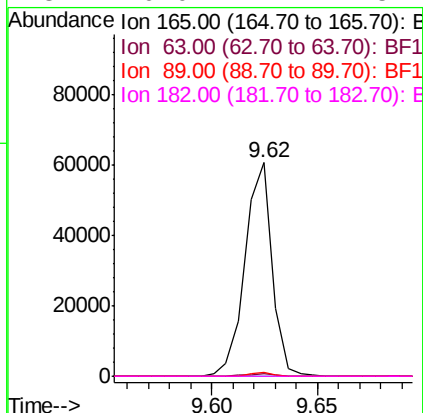
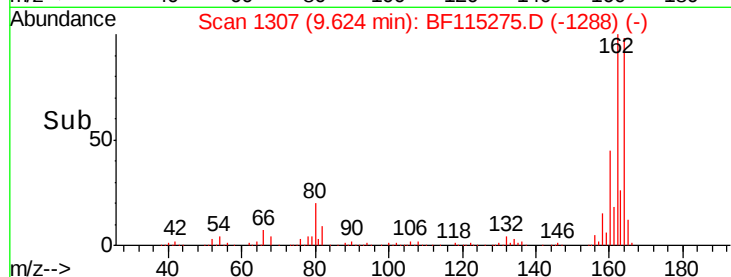
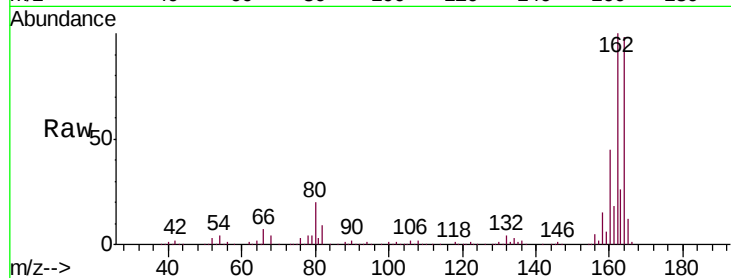




#57
2,4-Dinitrotoluene
Concen: 5.764 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

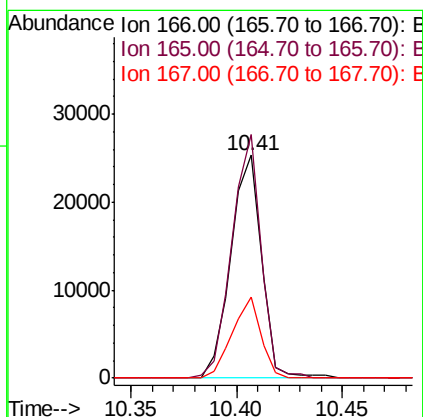
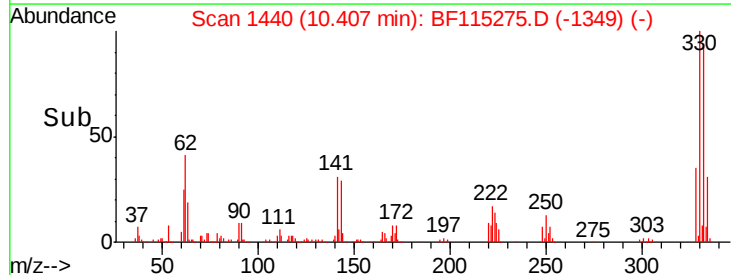
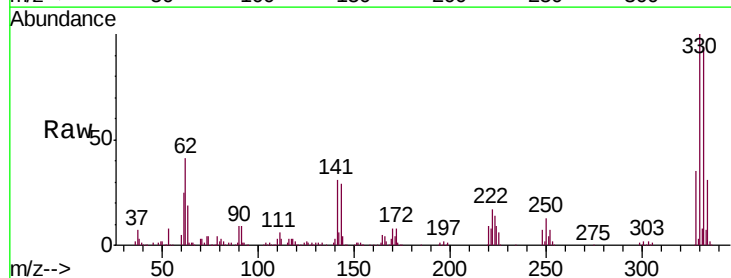
Instrument :
BNA_F
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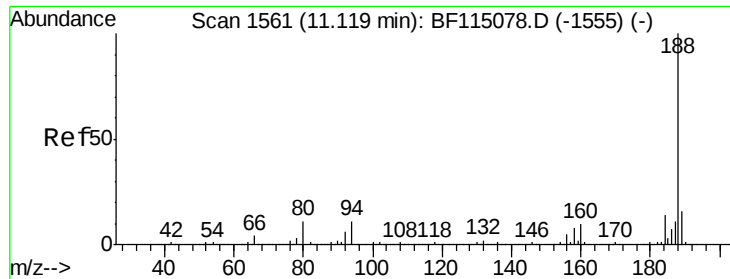
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.6	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.3	76.5	114.7
167	36.5	11.0	16.4#

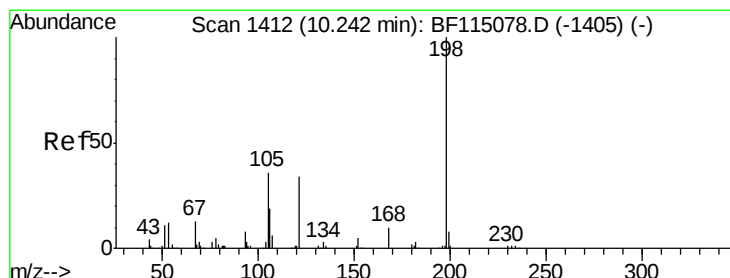
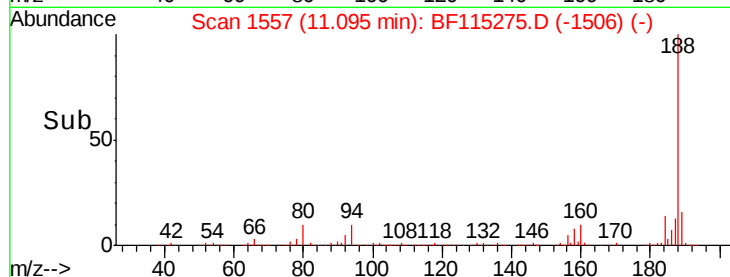
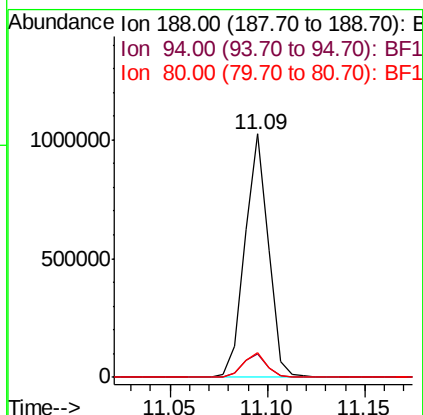
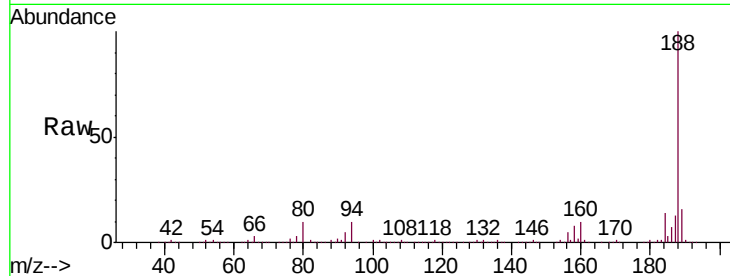




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

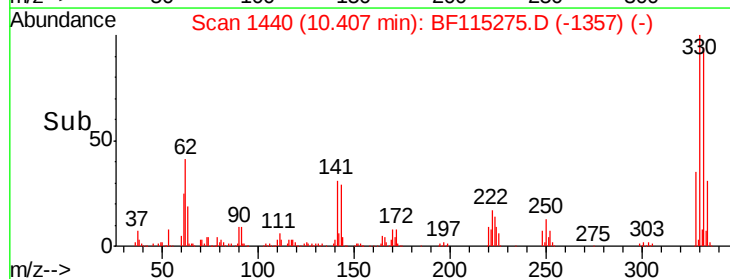
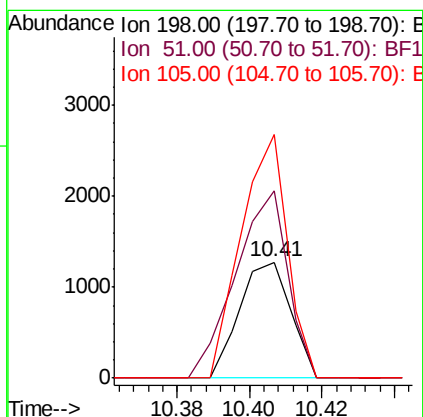
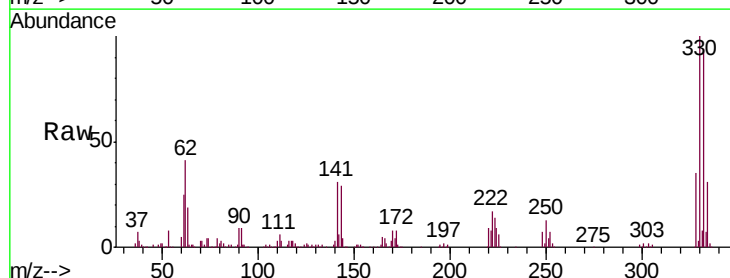
Instrument :
BNA_F
ClientSampleId :
PB120979BL

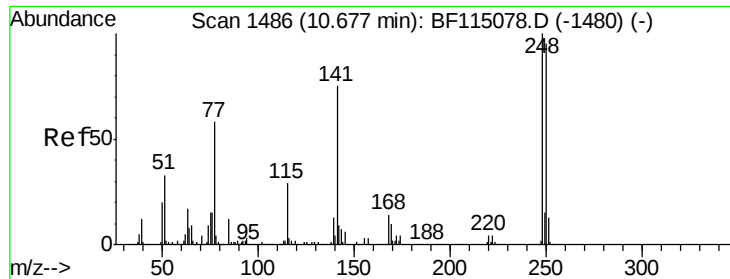
Tgt Ion:188 Resp: 852476
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.2 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.207 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF115275.D
Acq: 28 Jun 2019 12:28

Tgt Ion:198 Resp: 1248
Ion Ratio Lower Upper
198 100
51 162.0 11.0 51.0#
105 210.5 17.3 57.3#

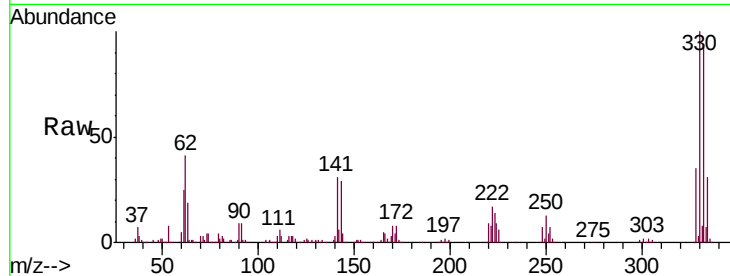




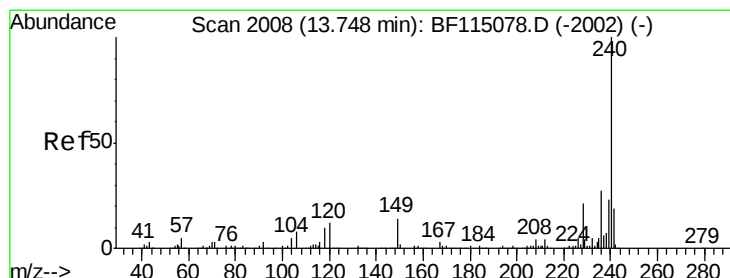
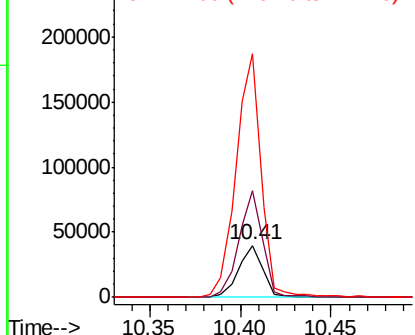
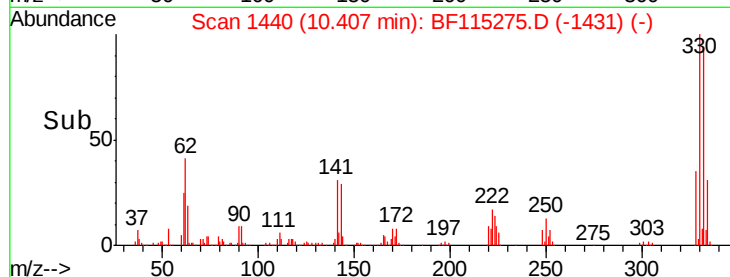
#67
 4-Bromophenyl-phenylether
 Concen: 3.946 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115275.D
 Acq: 28 Jun 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BL

Tgt Ion: 248 Resp: 36470
 Ion Ratio Lower Upper
 248 100
 250 205.6 76.2 114.2#
 141 470.1 59.6 89.4#

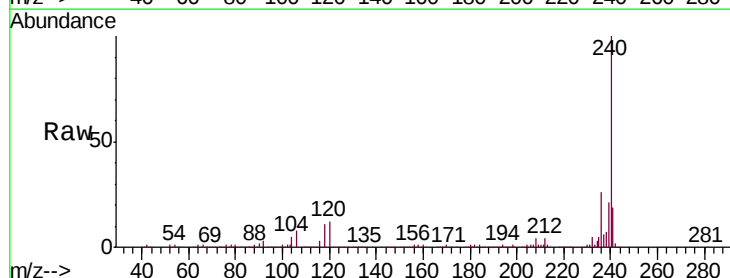


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

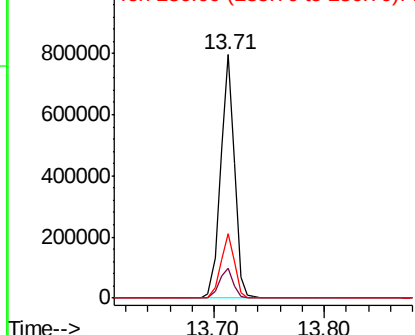
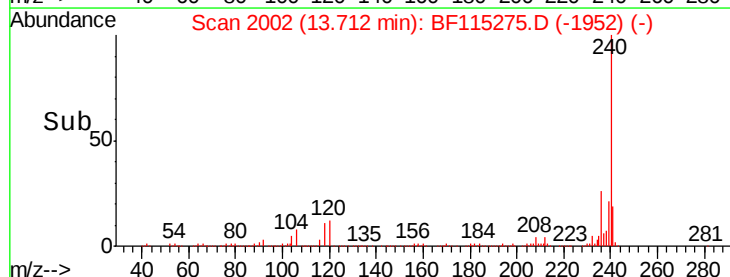


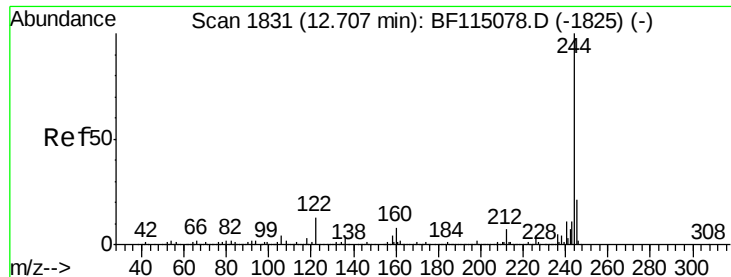
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF115275.D
 Acq: 28 Jun 2019 12:28

Tgt Ion: 240 Resp: 695864
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.4 14.2
 236 26.4 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: 80.226 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115275.D

Acq: 28 Jun 2019 12:28

Instrument :

BNA_F

ClientSampleId :

PB120979BL

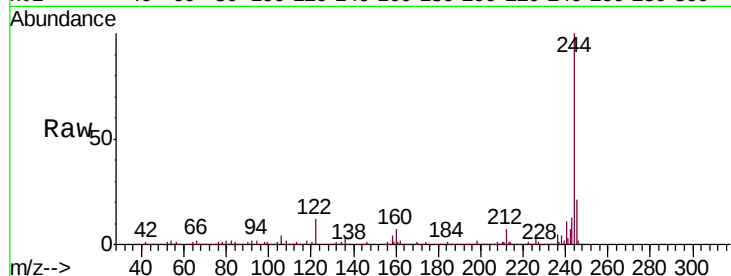
Tgt Ion:244 Resp: 2625703

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

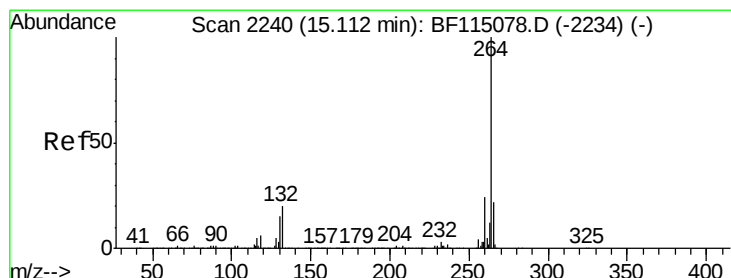
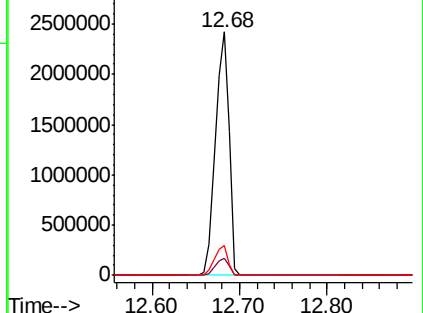
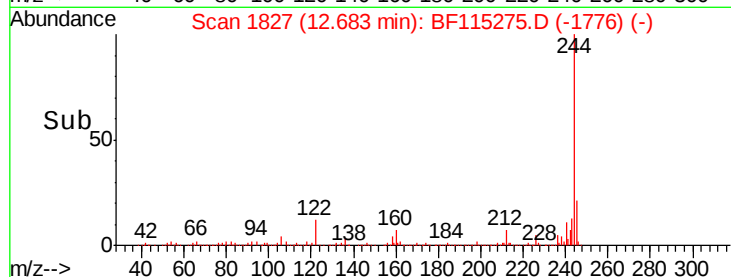
122 12.3 10.4 15.6



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: 15.08 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF115275.D

Acq: 28 Jun 2019 12:28

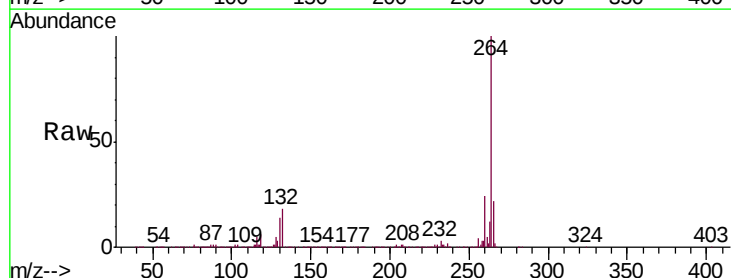
Tgt Ion:264 Resp: 753916

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.7 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

