

Data File : BF115280.D
Acq On : 28 Jun 2019 14:40
Operator : HP/JU
Sample : PB120920BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120920BL

Quant Time: Jun 29 02:34:41 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

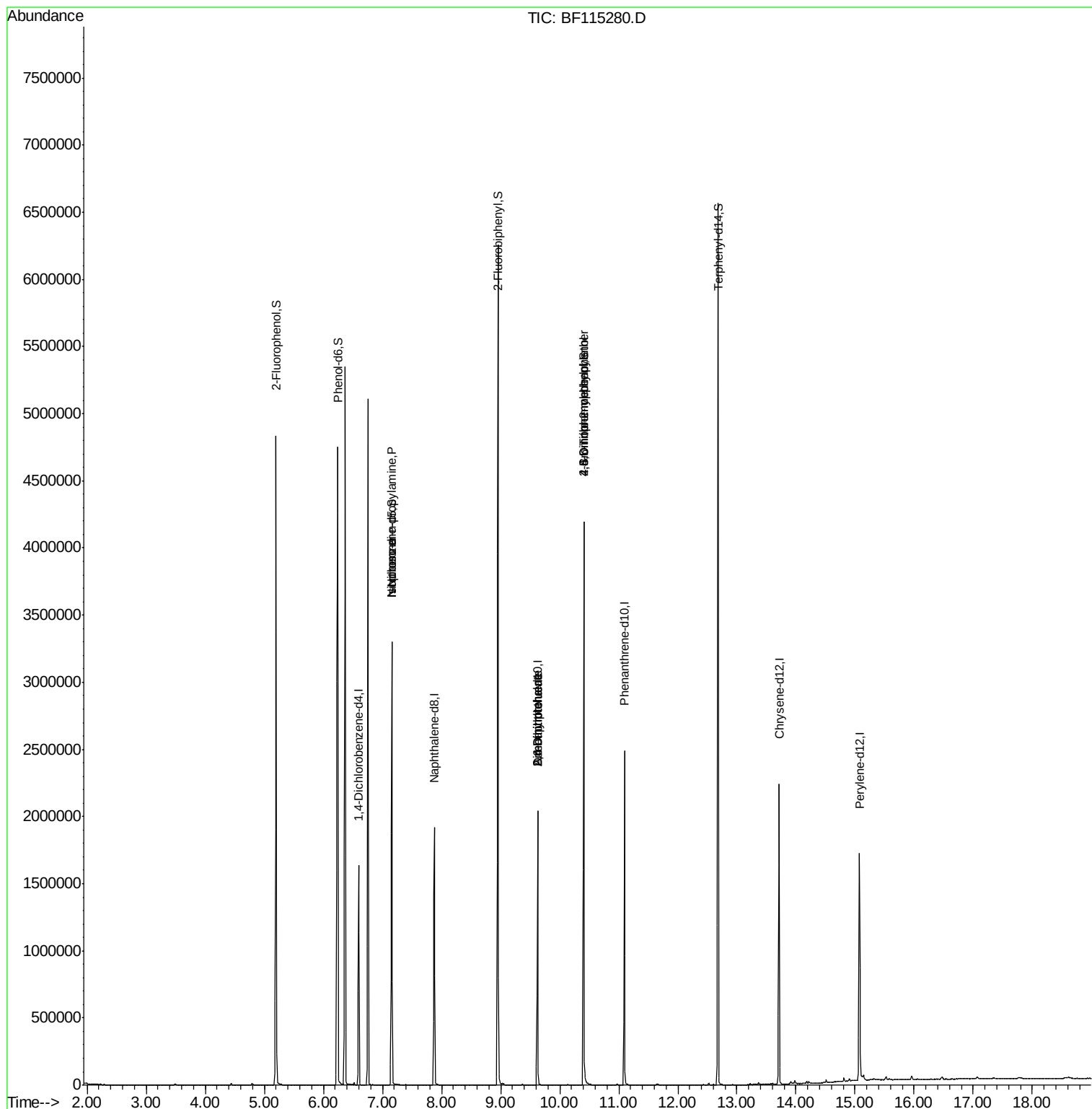
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	233391	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	892059	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	435536	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	855847	20.00	ng	0.00
76) Chrysene-d12	13.71	240	687888	20.00	ng	0.00
87) Perylene-d12	15.08	264	755263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1610234	106.47	ng	0.01
7) Phenol-d6	6.24	99	1976117	107.65	ng	0.00
23) Nitrobenzene-d5	7.16	82	1211322	83.53	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	560322	122.00	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2298128	89.63	ng	0.00
79) Terphenyl-d14	12.68	244	2523213	77.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	161459	13.738	ng	# 78
25) Isophorone	7.16	82	1203004	40.496	ng	# 63
50) Dimethylphthalate	9.62	163	122449	3.821	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	56092	7.582	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	56092	5.872	ng	# 30
58) Fluorene	10.41	166	25714	Below Cal		# 88
65) 4,6-Dinitro-2-methylphenol	10.41	198	1137	5.184	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	34986	3.770	ng	# 1

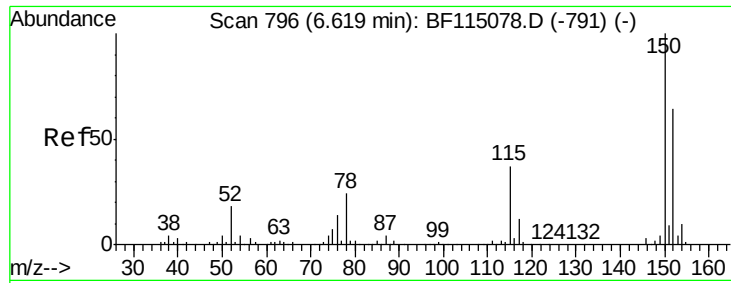
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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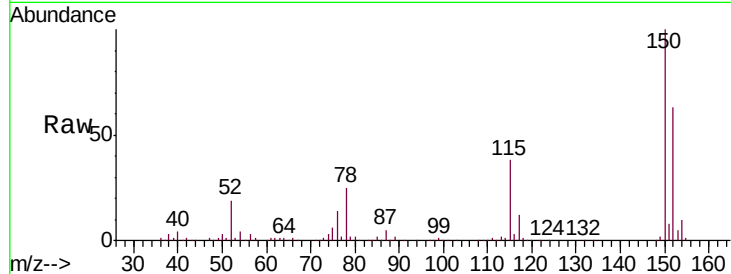


#1

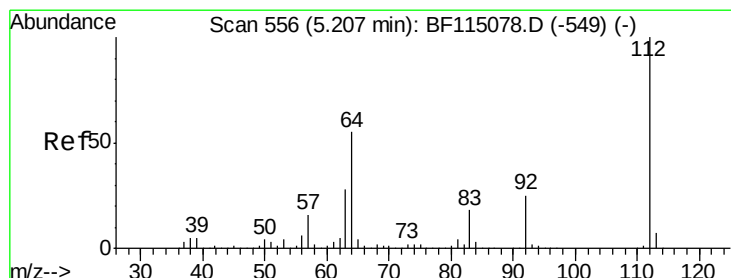
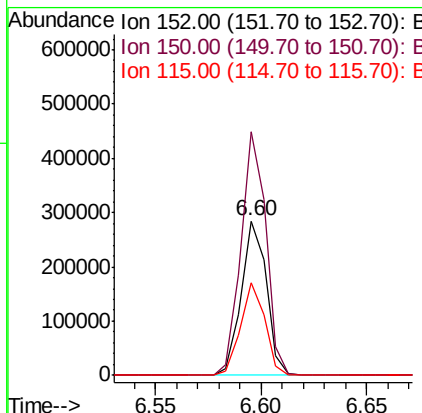
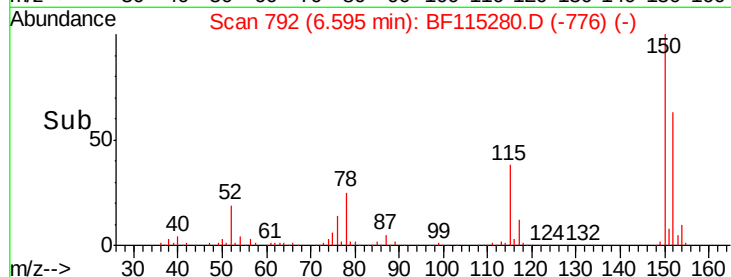
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB120920BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	60.2	46.1	69.1



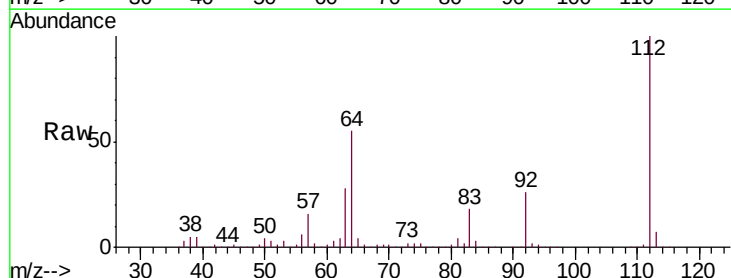
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



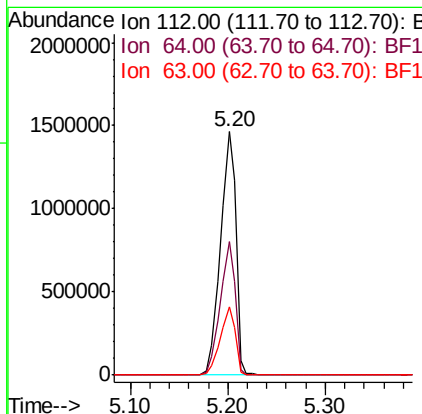
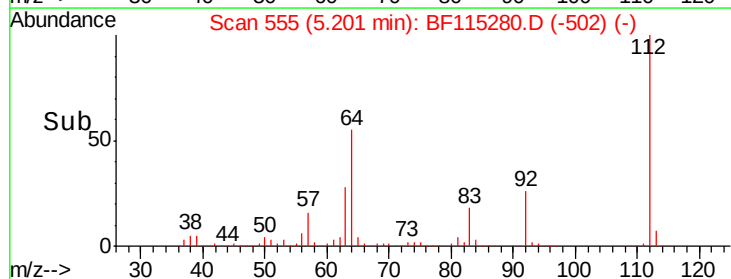
#5

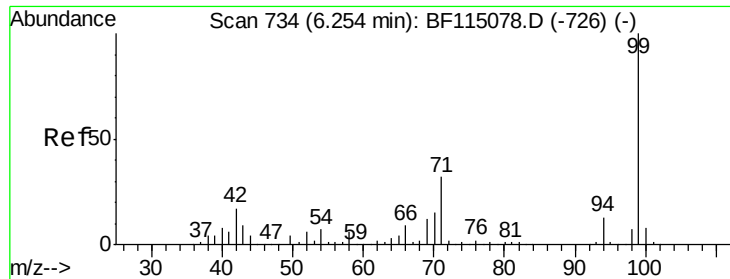
2-Fluorophenol
Concen: 106.468 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.8	65.6
63	27.9	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: 107.649 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

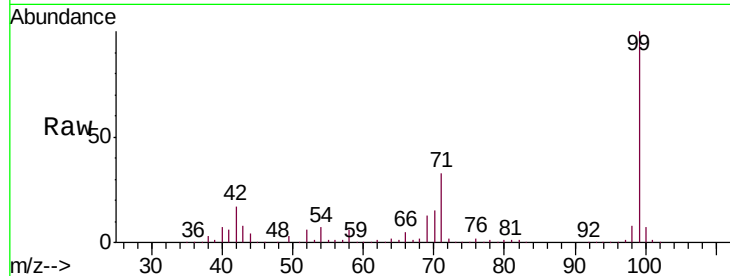
Tgt Ion: 99 Resp: 1976117

Ion Ratio Lower Upper

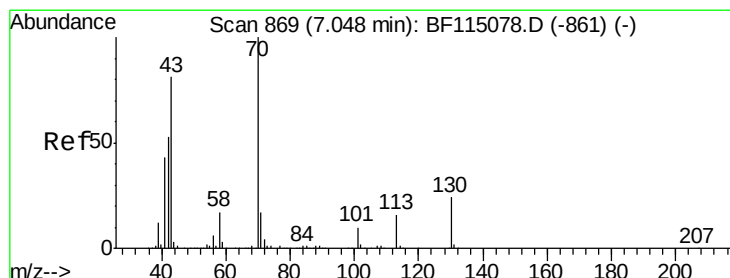
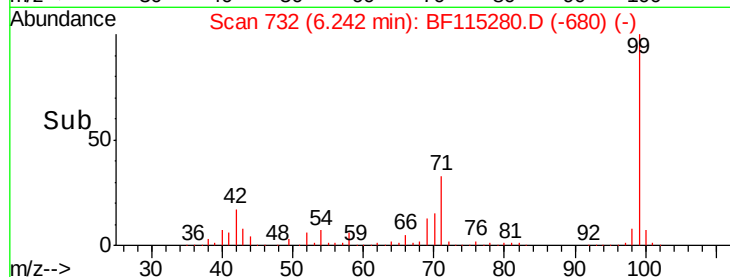
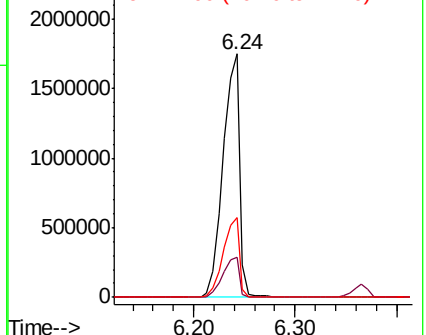
99 100

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: 13.738 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Tgt Ion: 70 Resp: 161459

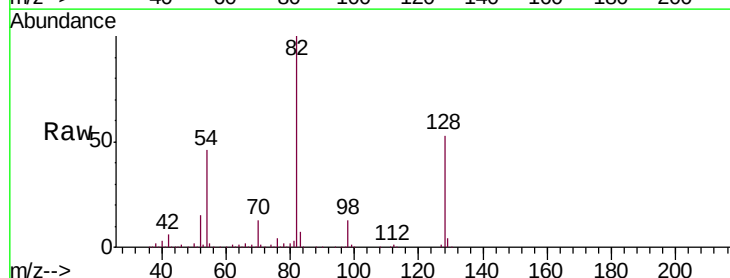
Ion Ratio Lower Upper

70 100

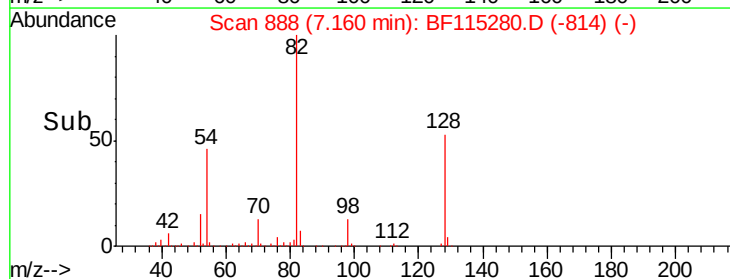
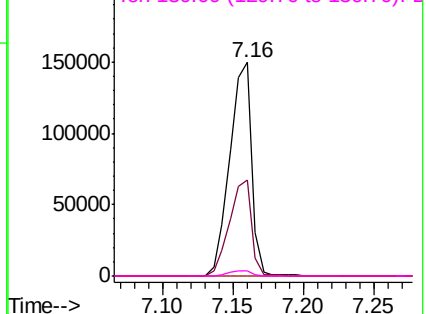
42 44.8 42.6 63.8

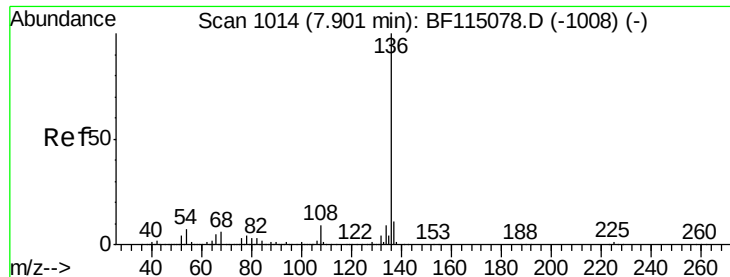
101 0.0 8.0 12.0#

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

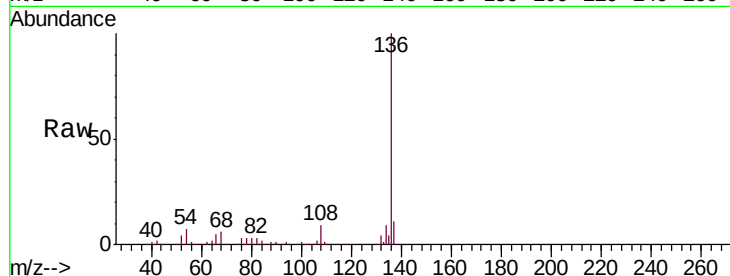




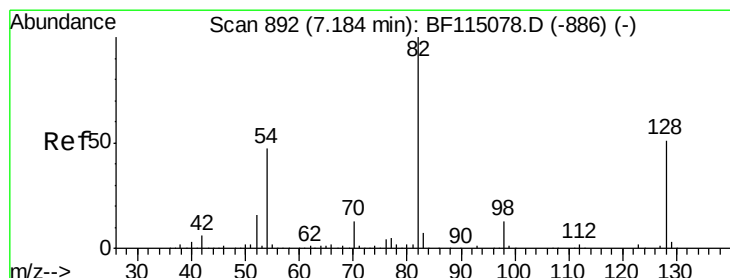
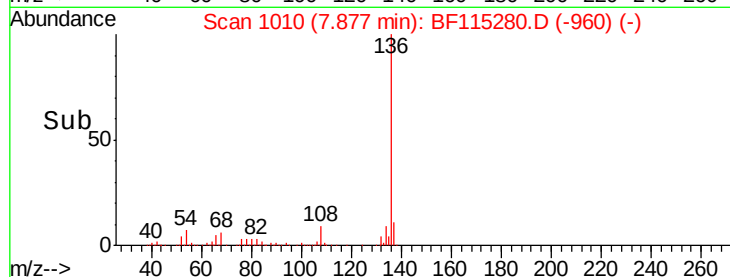
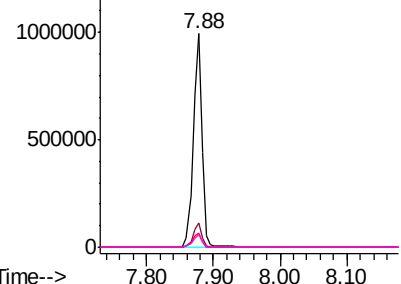
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB120920BL

Tgt Ion:	136	Resp:	892059
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	5.6	8.4
68	6.1	4.8	7.2

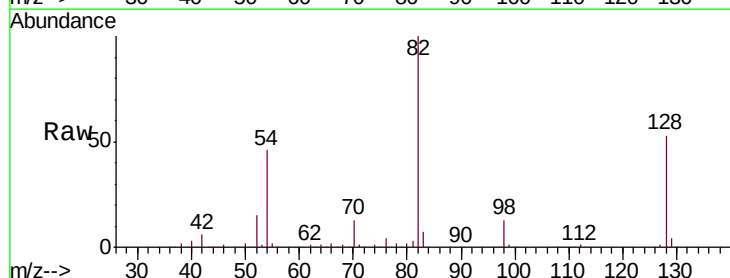


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

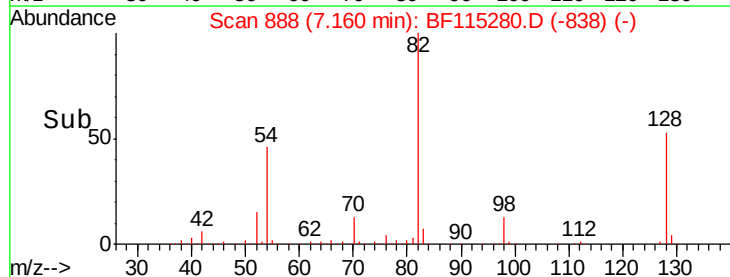
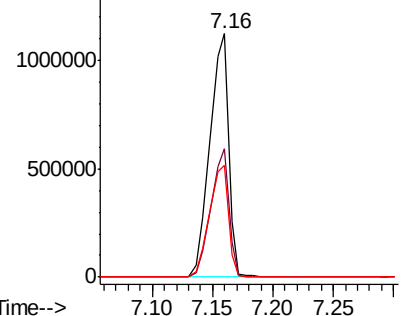


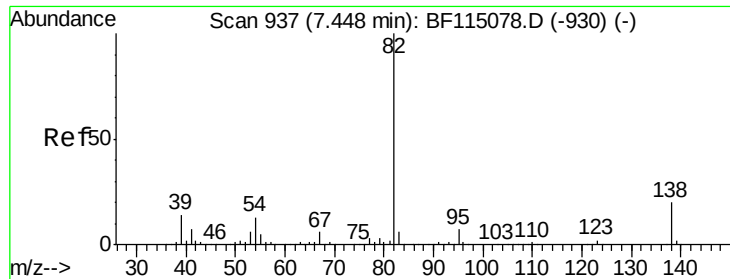
#23
Nitrobenzene-d5
Concen: 83.531 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115280.D
Acq: 28 Jun 2019 14:40

Tgt Ion:	82	Resp:	1211322
Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.4	60.6
54	46.1	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: 40.496 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

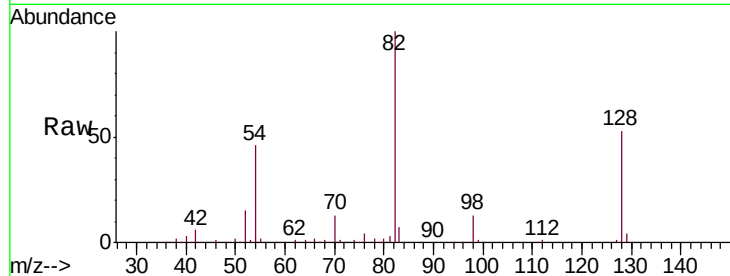
Tgt Ion: 82 Resp: 1203004

Ion Ratio Lower Upper

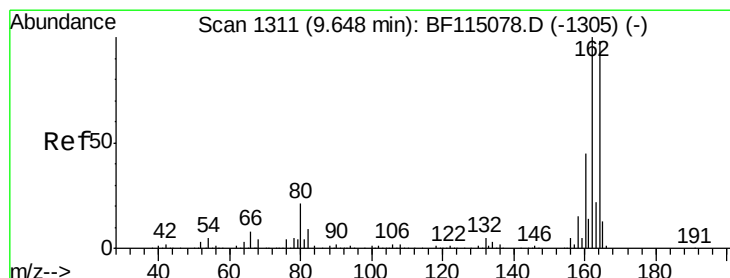
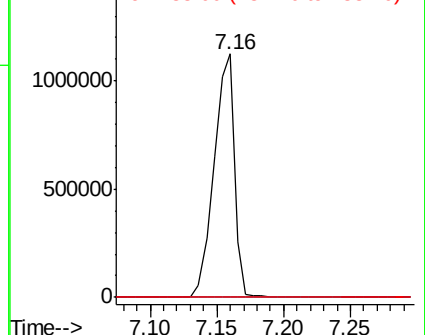
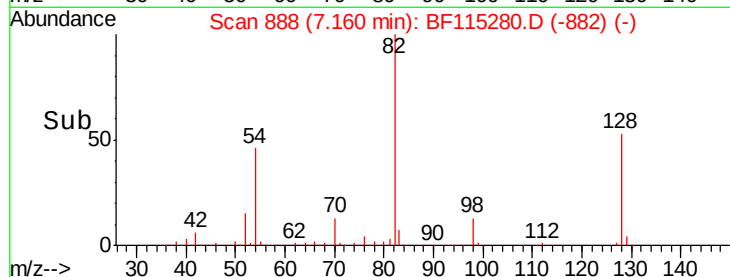
82 100

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: BF115280.D

Acq: 28 Jun 2019 14:40

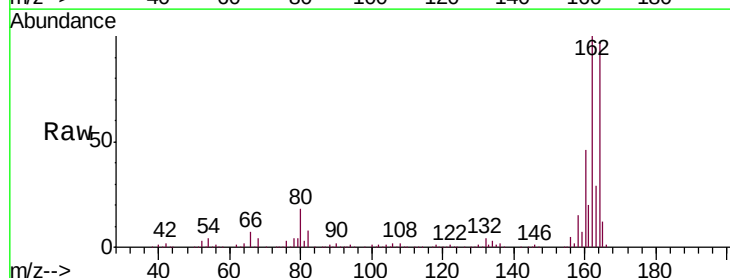
Tgt Ion: 164 Resp: 435536

Ion Ratio Lower Upper

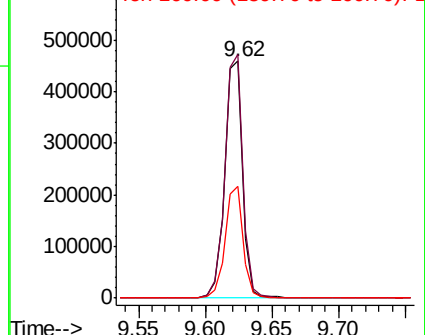
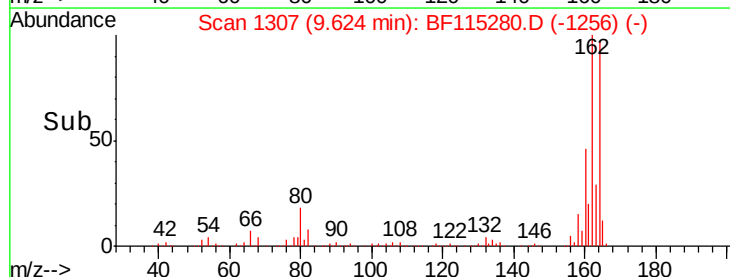
164 100

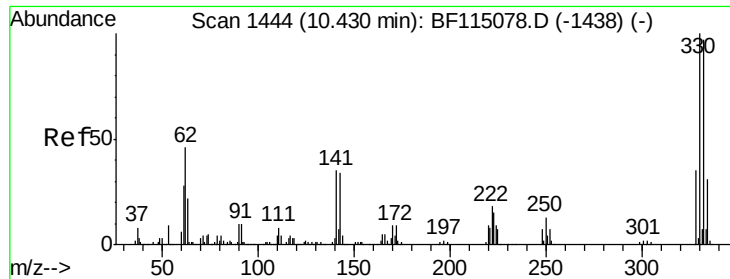
162 102.9 81.7 122.5

160 47.2 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

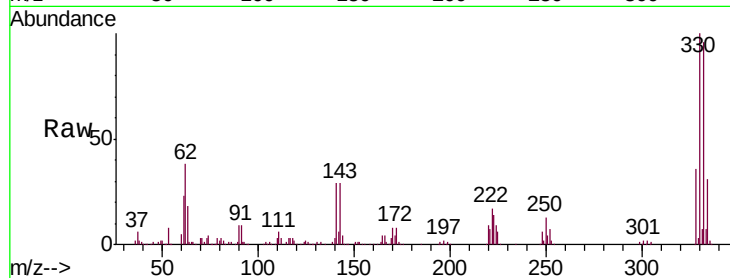




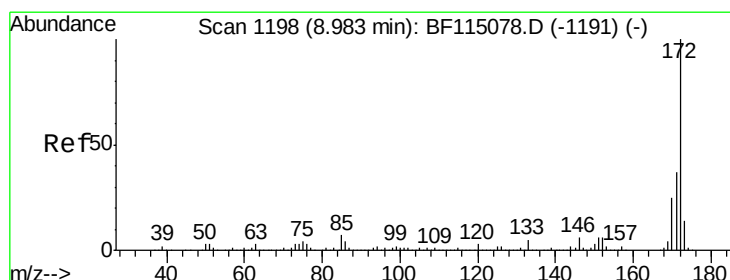
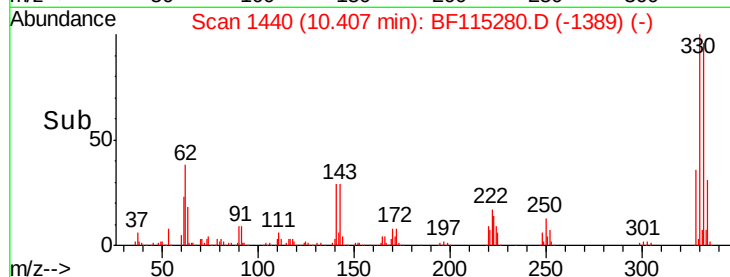
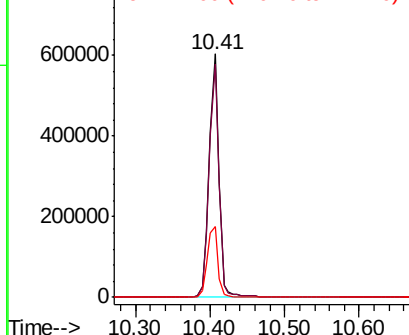
#42
 2,4,6-Tribromophenol
 Concen: 121.998 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF115280.D
 Acq: 28 Jun 2019 14:40

Instrument :
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 ClientSampleId :
 PB120920BL

Tgt Ion:330 Resp: 560322
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 31.8 28.2 42.2

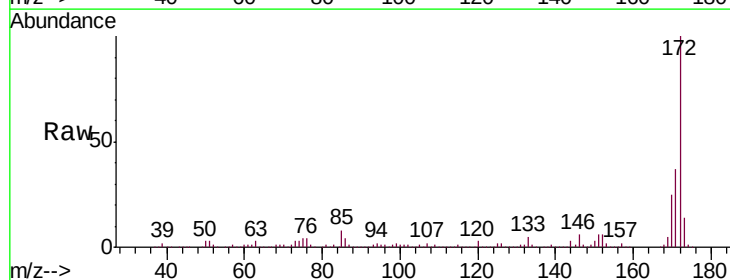


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

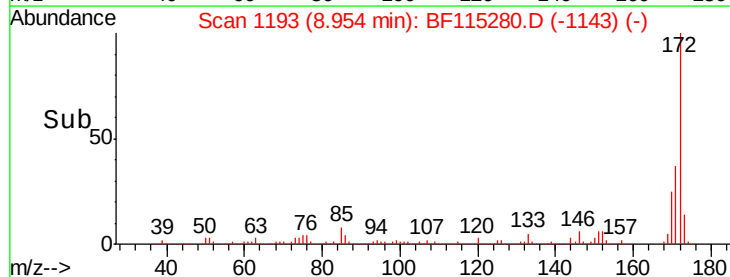
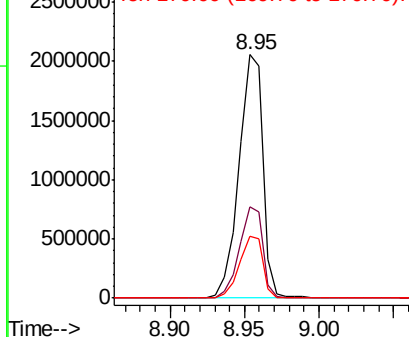


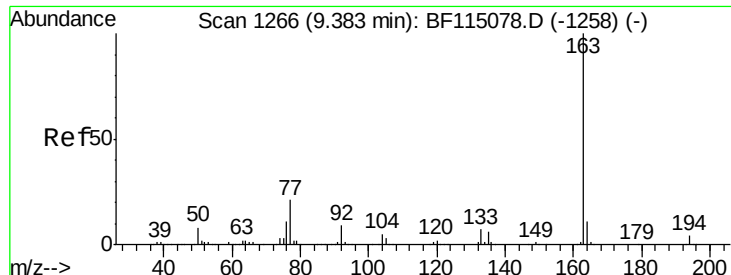
#45
 2-Fluorobiphenyl
 Concen: 89.629 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115280.D
 Acq: 28 Jun 2019 14:40

Tgt Ion:172 Resp: 2298128
 Ion Ratio Lower Upper
 172 100
 171 37.4 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: 3.821 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.26 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

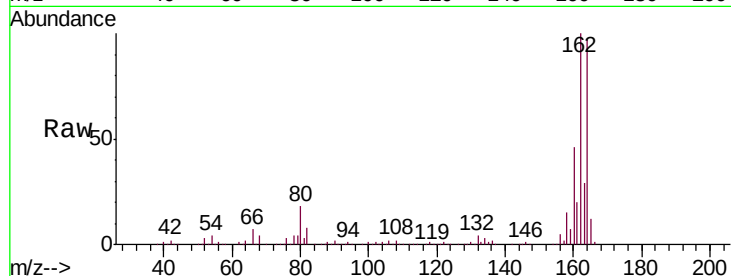
Tgt Ion:163 Resp: 122449

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

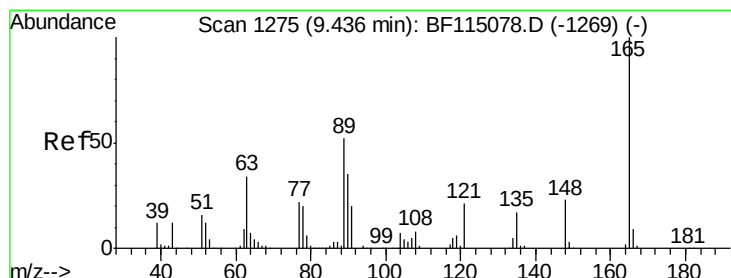
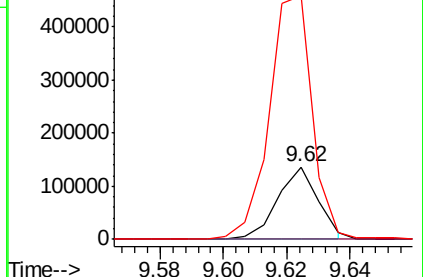
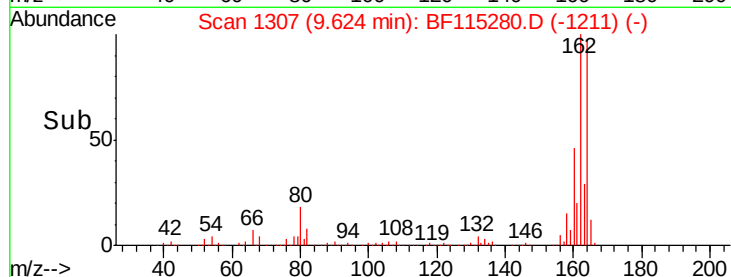
164 336.1 8.6 13.0#



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: 7.582 ng

RT: 9.62 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

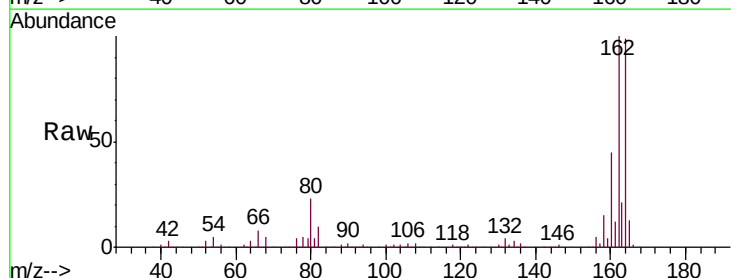
Tgt Ion:165 Resp: 56092

Ion Ratio Lower Upper

165 100

63 1.0 39.4 59.2#

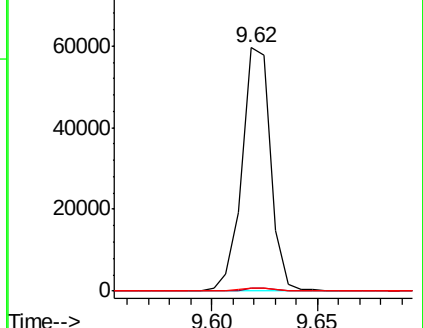
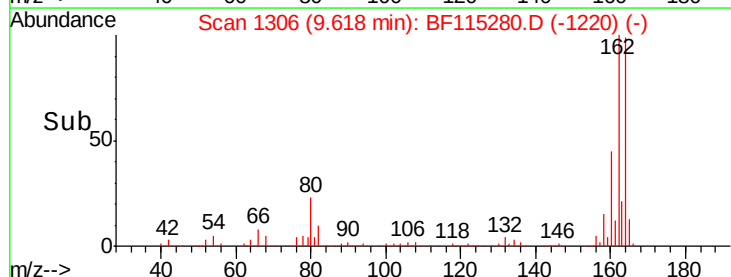
89 1.3 42.0 63.0#

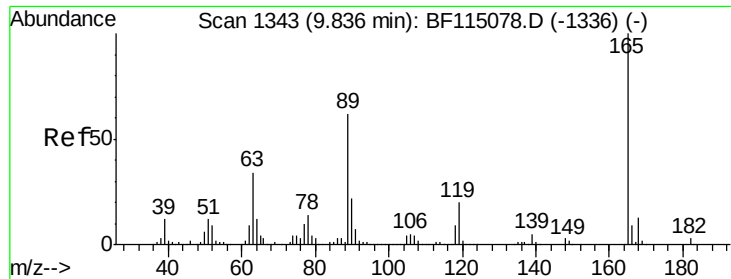


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

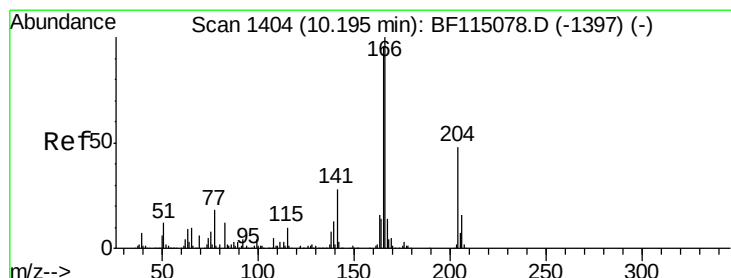
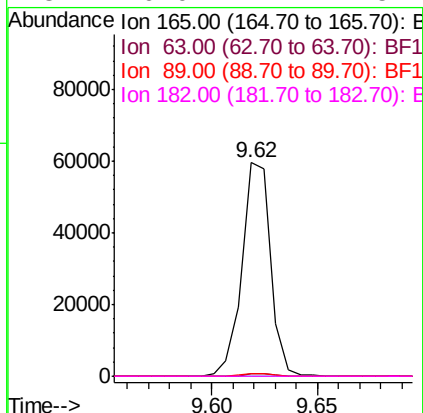
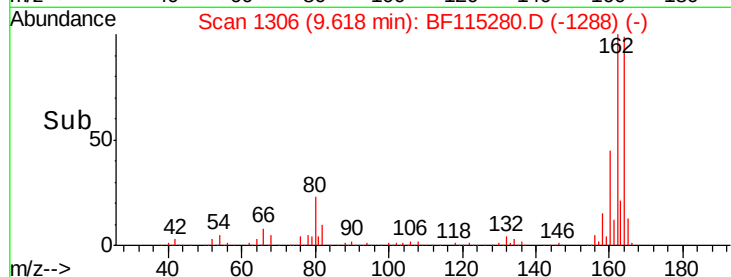
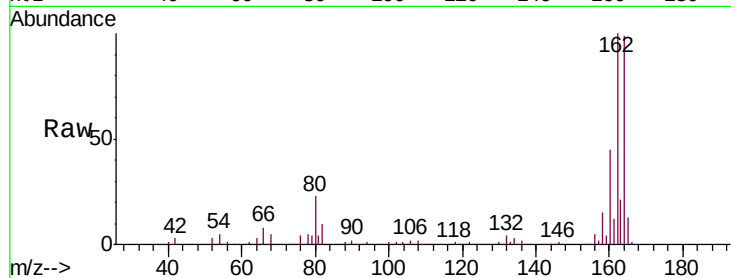




#57
 2,4-Dinitrotoluene
 Concen: 5.872 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF115280.D
 Acq: 28 Jun 2019 14:40

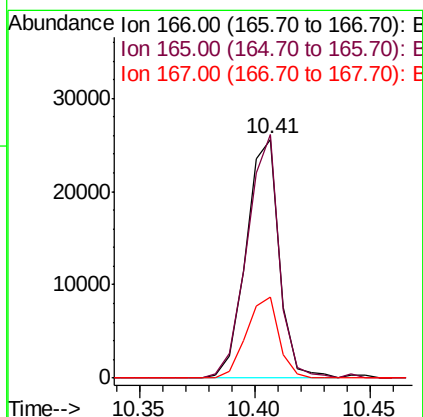
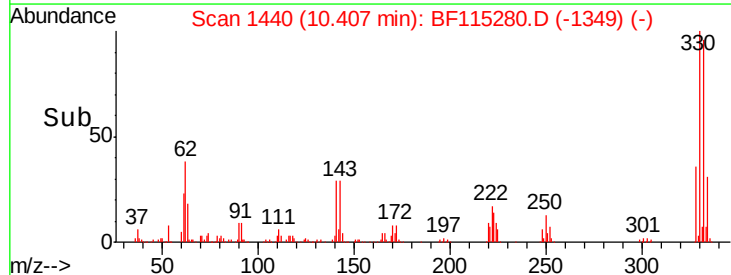
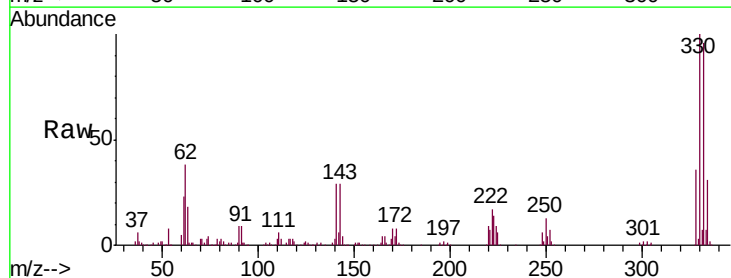
Instrument :
 BNA_F
 ClientSampleId :
 PB120920BL

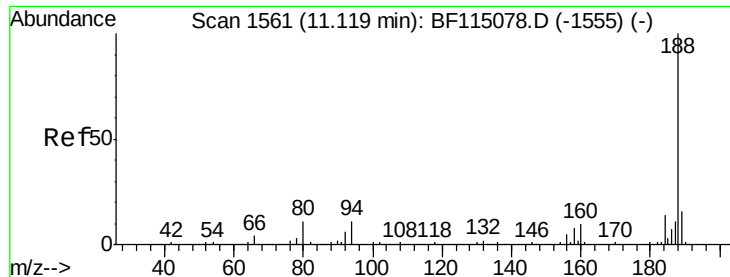
Tgt Ion:	165	Resp:	56092
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.24 min
 Lab File: BF115280.D
 Acq: 28 Jun 2019 14:40

Tgt Ion:	166	Resp:	25714
Ion	Ratio	Lower	Upper
166	100		
165	101.8	76.5	114.7
167	33.9	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: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

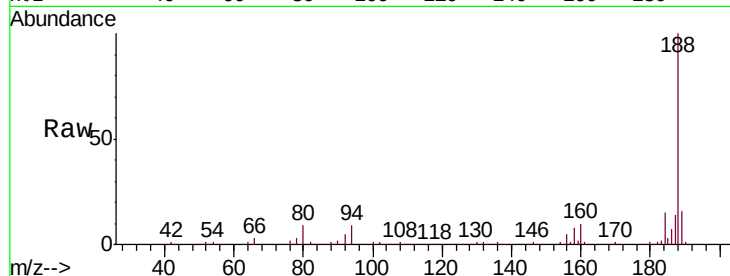
Tgt Ion:188 Resp: 855847

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

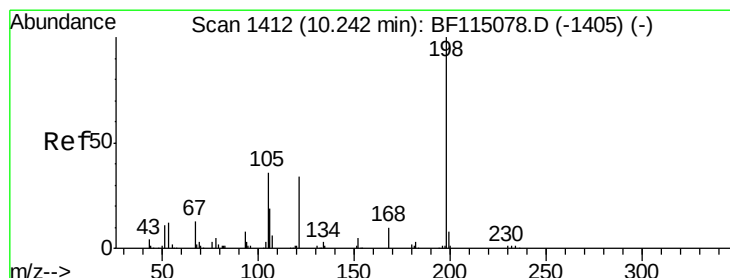
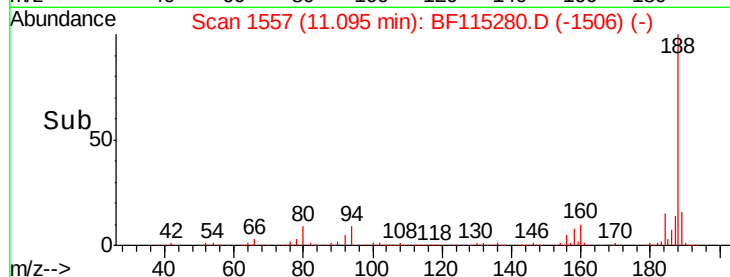
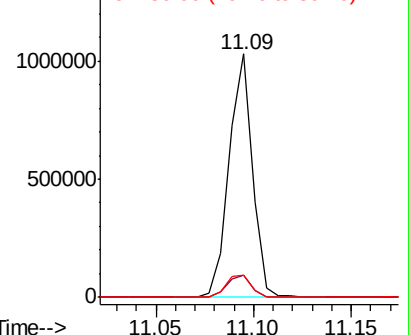
80 9.4 8.8 13.2



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: 5.184 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

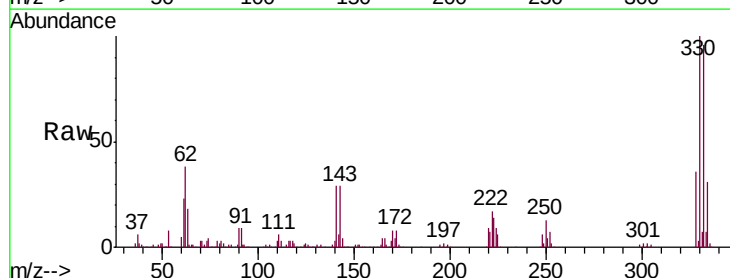
Tgt Ion:198 Resp: 1137

Ion Ratio Lower Upper

198 100

51 121.3 11.0 51.0#

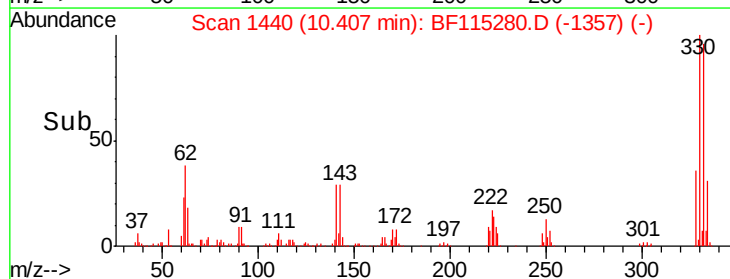
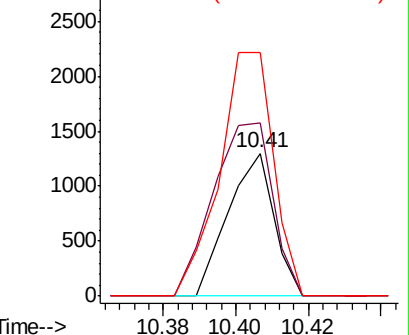
105 170.8 17.3 57.3#

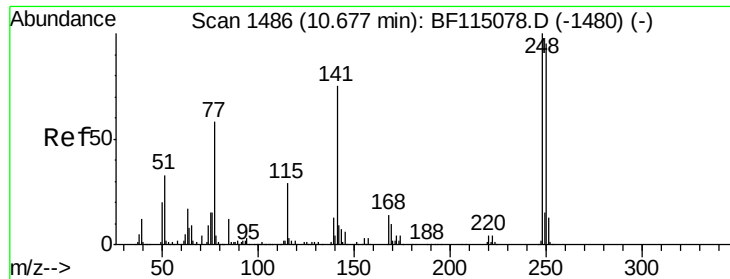


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

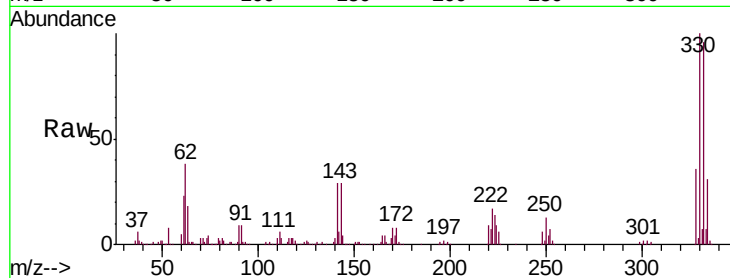




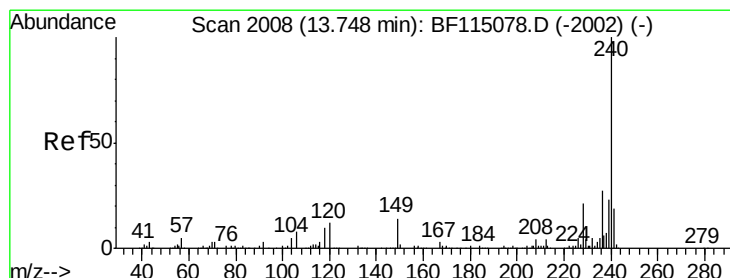
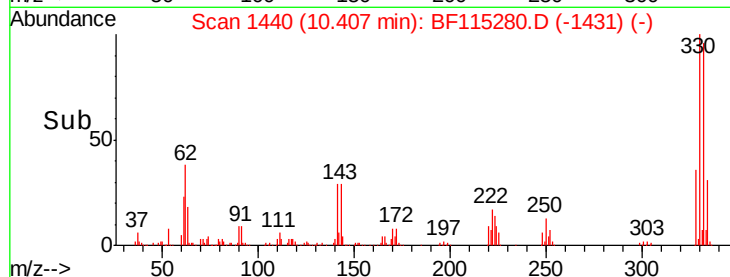
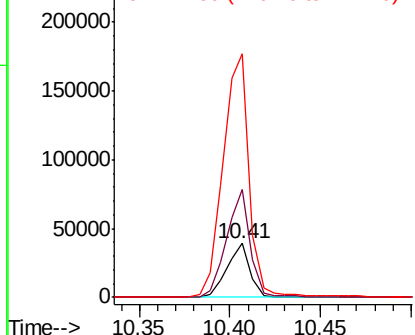
#67
 4-Bromophenyl-phenylether
 Concen: 3.770 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115280.D
 Acq: 28 Jun 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BL

Tgt Ion:248 Resp: 34986
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.2 114.2#
 141 453.8 59.6 89.4#

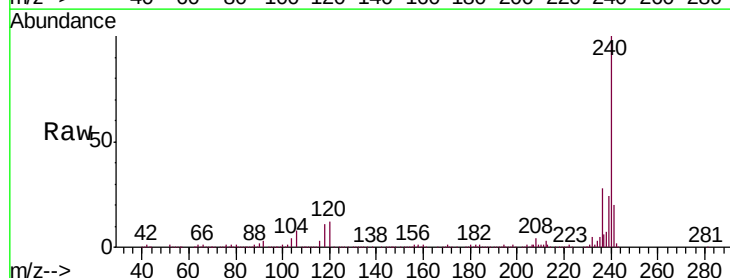


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

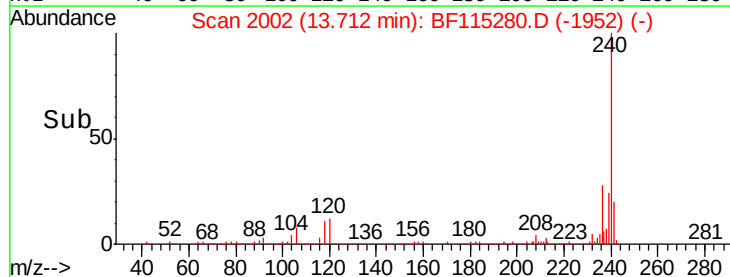
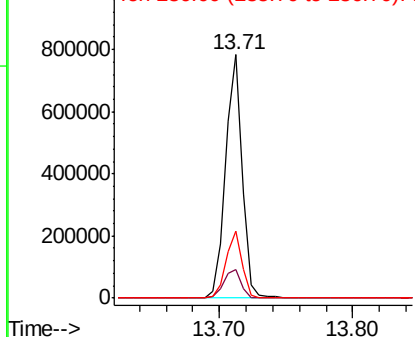


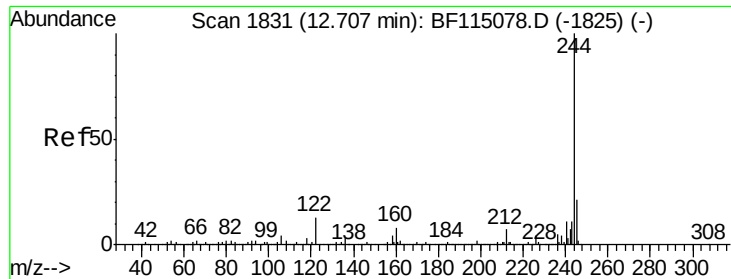
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF115280.D
 Acq: 28 Jun 2019 14:40

Tgt Ion:240 Resp: 687888
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.4 14.2
 236 27.7 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: 77.989 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB120920BL

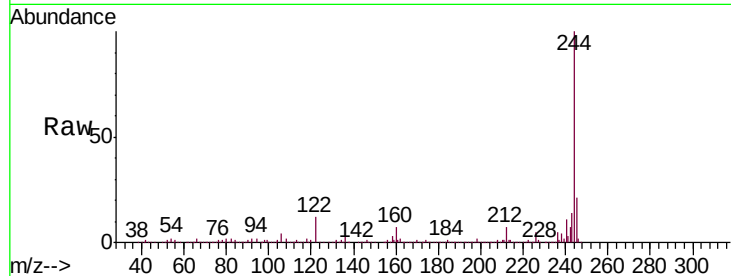
Tgt Ion:244 Resp: 2523213

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

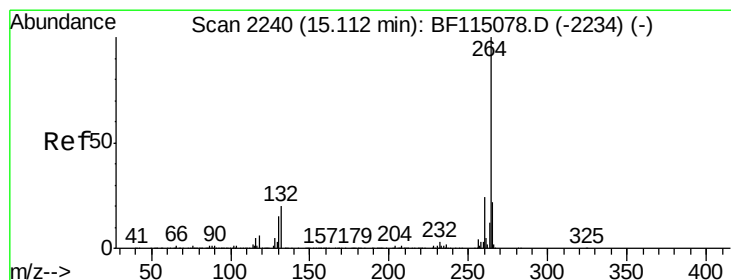
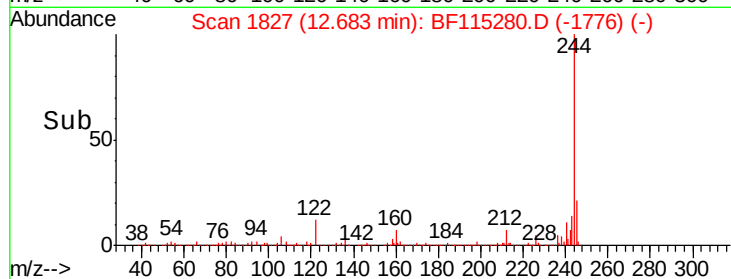
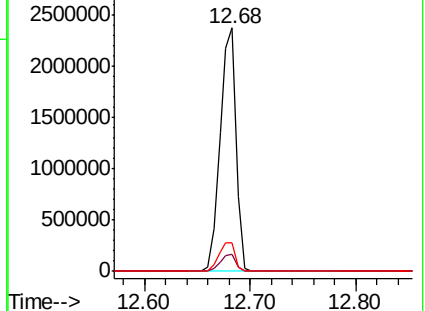
122 11.6 10.4 15.6



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: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115280.D

Acq: 28 Jun 2019 14:40

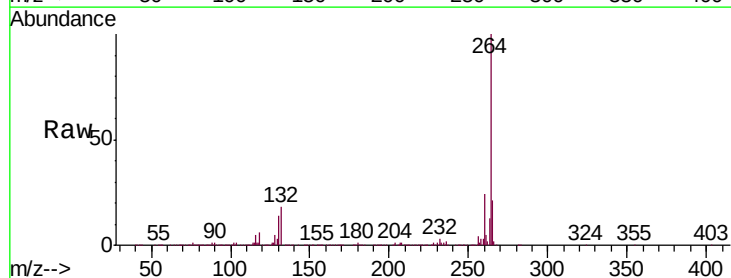
Tgt Ion:264 Resp: 755263

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.1 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

