

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100619.D
 Acq On : 8 Oct 2019 21:30
 Operator : JU
 Sample : K5129-05DL 200X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

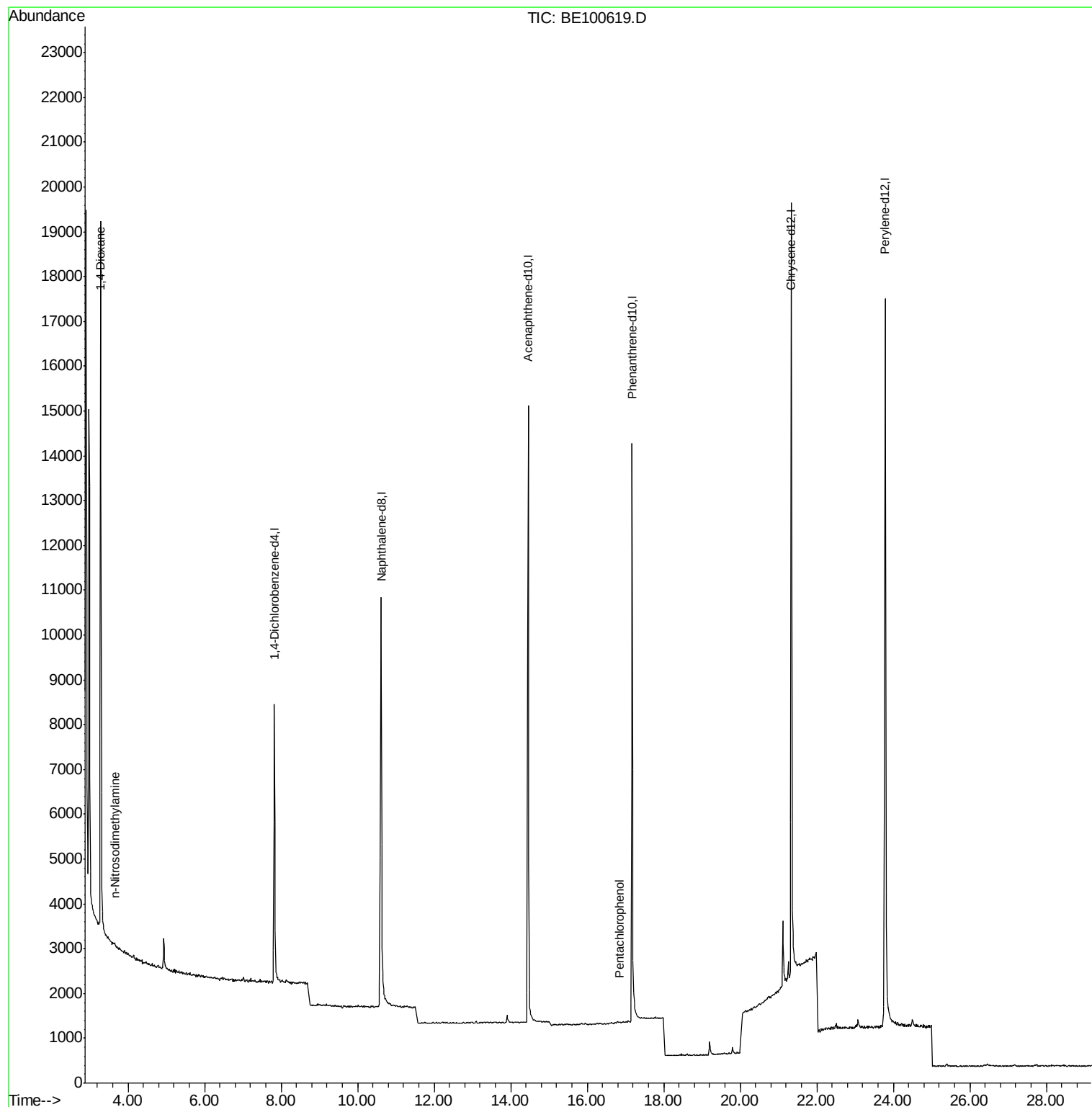
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3311	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15165	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9235	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	20713	0.40	ng	0.00
27) Chrysene-d12	21.33	240	22774	0.40	ng	0.00
34) Perylene-d12	23.78	264	26519	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	18	0.00	ng	0.00
5) Phenol-d6	6.99	99	21	0.00	ng	0.00
8) Nitrobenzene-d5	8.98	82	29	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	35	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	6	0.00	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	69	0.00	ng	0.00
25) Fluoranthene-d10	19.20	212	566	0.00	ng	0.00
29) Terphenyl-d14	19.79	244	188	0.00	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	12043	2.160	ng	# 90
3) n-Nitrosodimethylamine	3.65	42	62	0.024	ng	# 1
22) Pentachlorophenol	16.85	266	11	0.341	ng	# 77

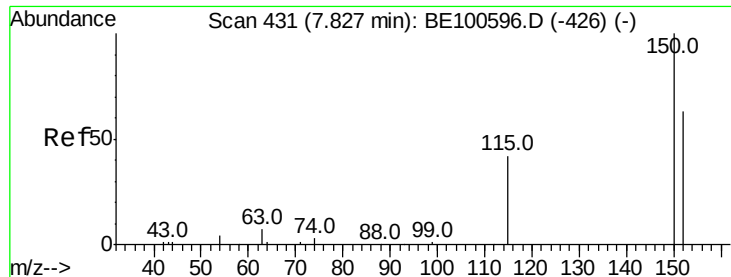
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

Instrument :

BNA_E

ClientSampleId :

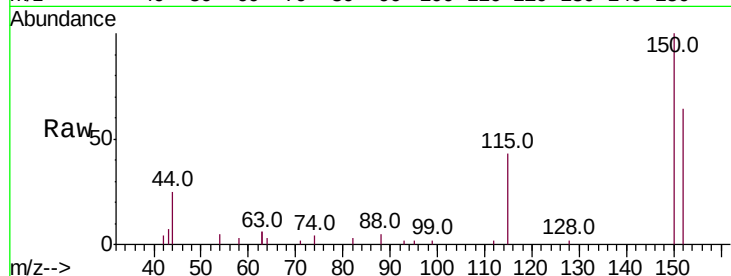
Tot Ion:152 Resp: 3311

Ion Ratio Lower Upper

152 100

150 155.9 126.5 189.7

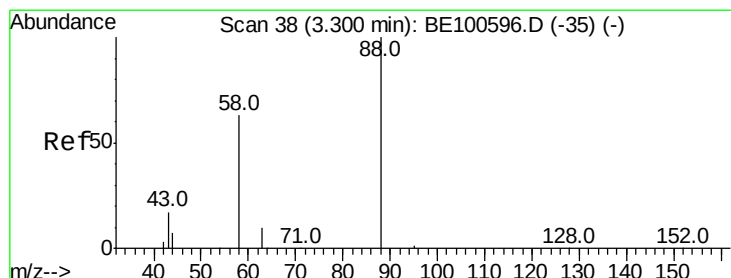
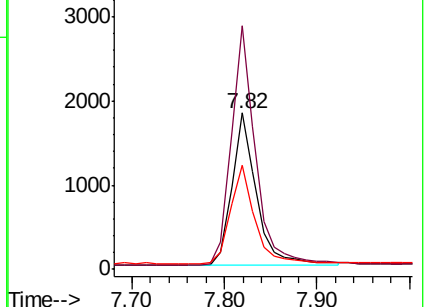
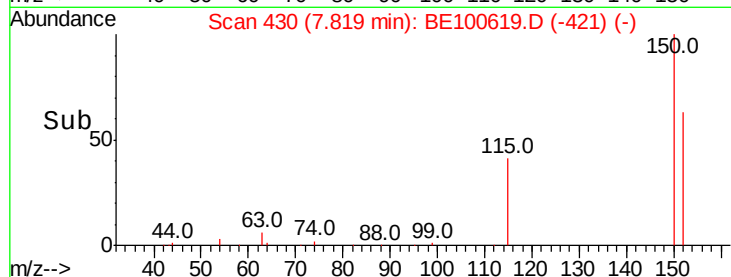
115 66.5 54.6 81.8



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



#2

1,4-Dioxane

Concen: 2.160 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

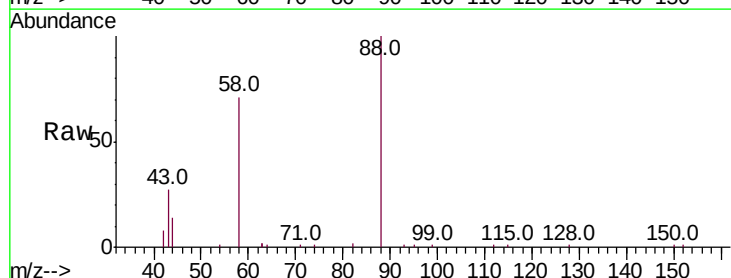
Tgt Ion: 88 Resp: 12043

Ion Ratio Lower Upper

88 100

58 67.8 48.1 72.1

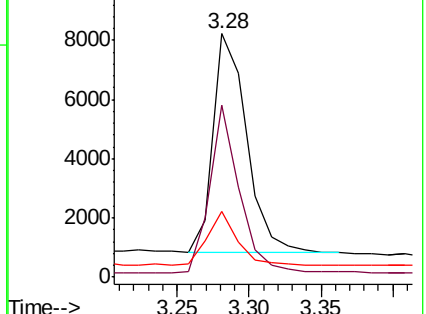
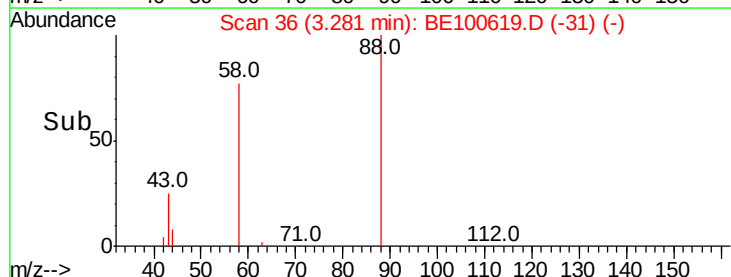
43 22.2 14.4 21.6#

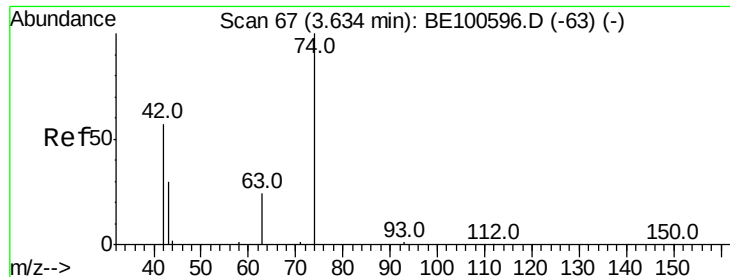


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



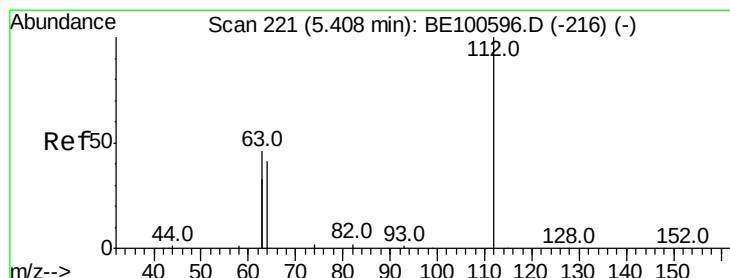
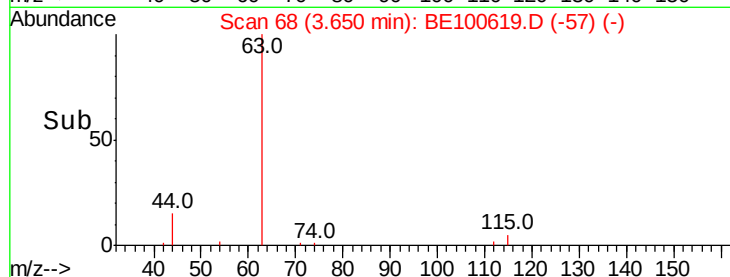
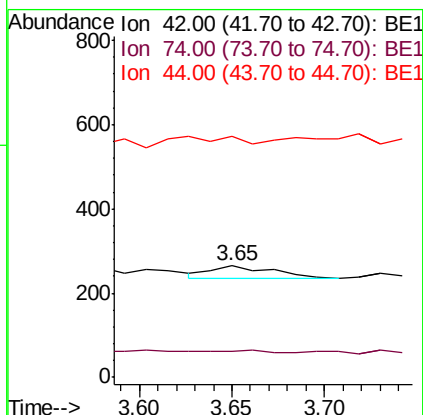
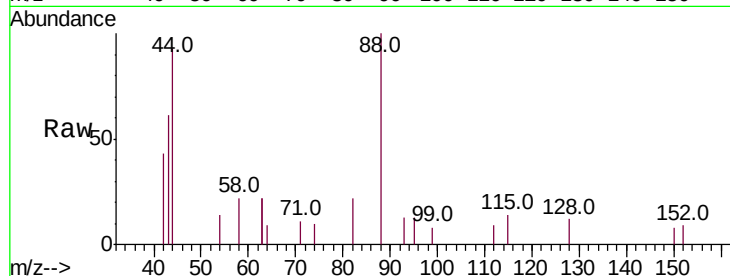


#3

n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.03 min
 Lab File: BE100619.D
 Acq: 8 Oct 2019 21:30

Instrument :
 BNA_E
 ClientSampleId :

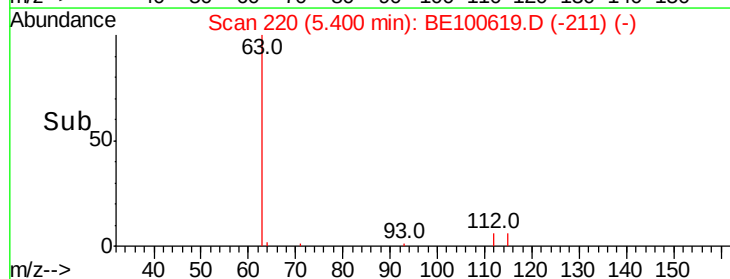
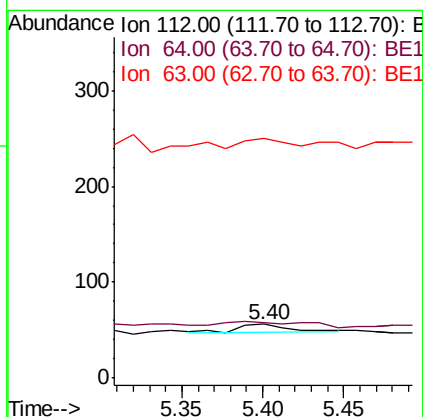
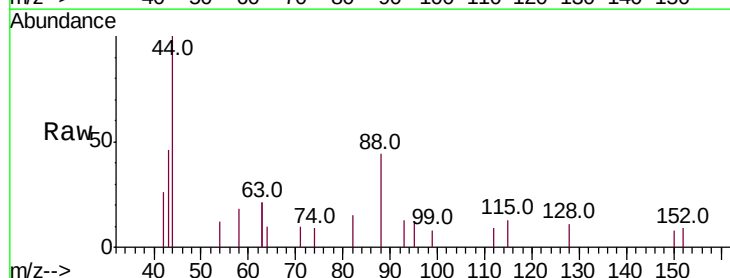
Tot Ion	42	Resp	62
Ion Ratio	100		
Lower		136.2	204.2#
Upper		7.4	11.0#

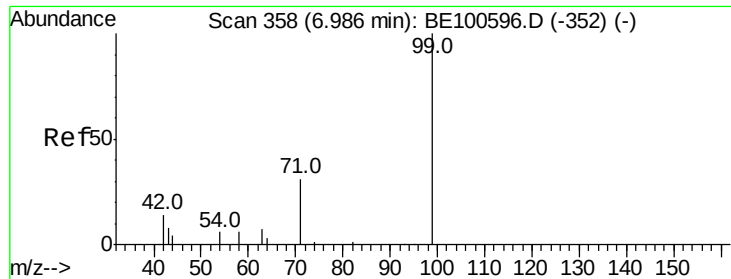


#4

2-Fluorophenol
 Concen: 0.002 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE100619.D
 Acq: 8 Oct 2019 21:30

Tgt Ion	112	Resp	18
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		43.7	65.5#
Upper		84.5	126.7#





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

Instrument :

BNA_E

ClientSampleId :

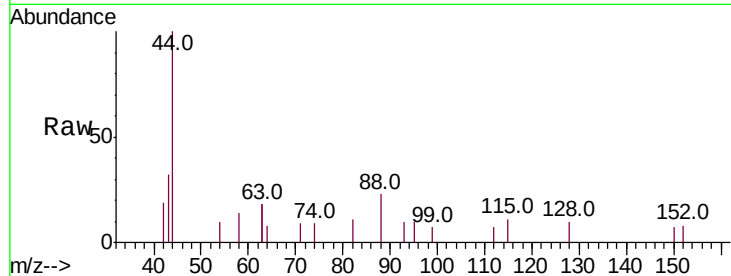
Tot Ion: 99 Resp: 21

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

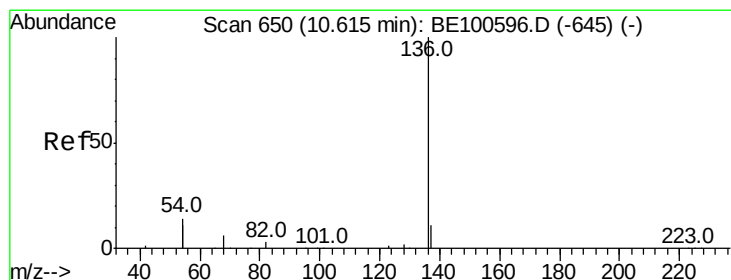
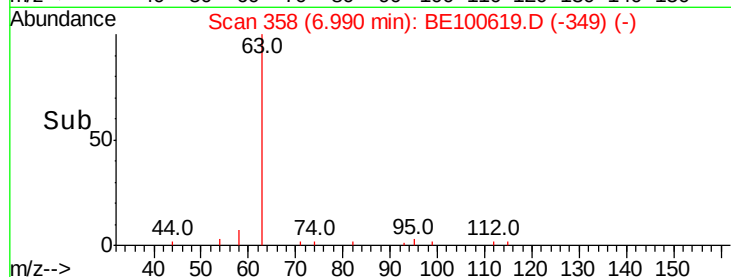
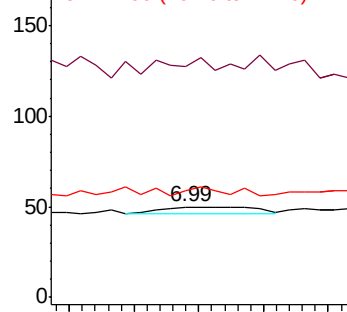
71 57.1 23.0 34.4#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

Tgt Ion: 136 Resp: 15165

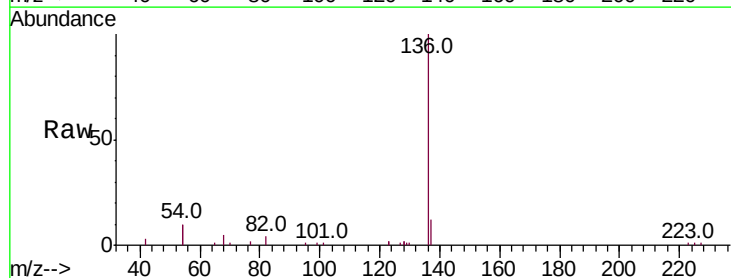
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 19.3 22.4 33.6#

68 4.9 5.2 7.8#

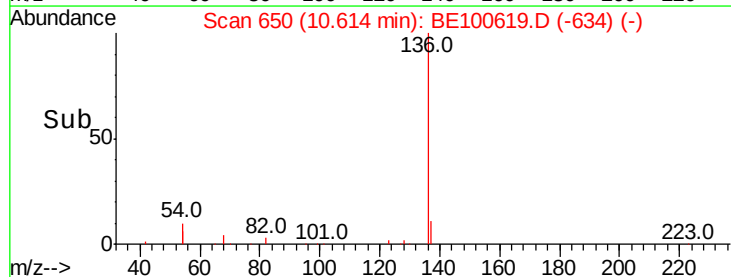
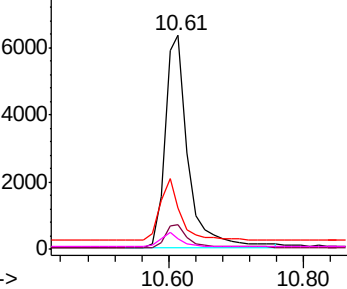


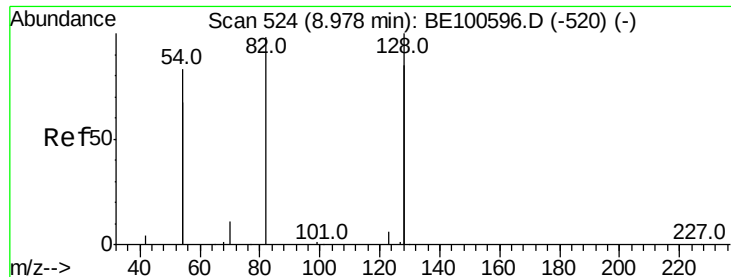
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.003 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

Instrument :

BNA_E

ClientSampleId :

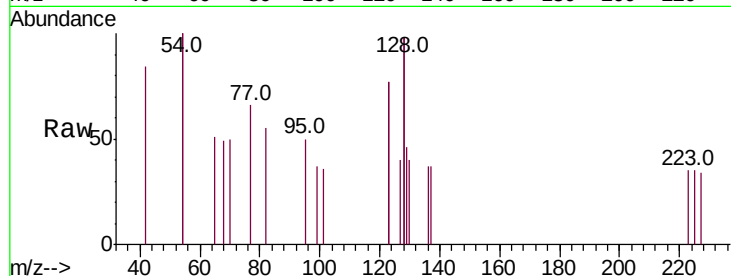
Tot Ion: 82 Resp: 29

Ion Ratio Lower Upper

82 100

128 358.3 154.7 232.1#

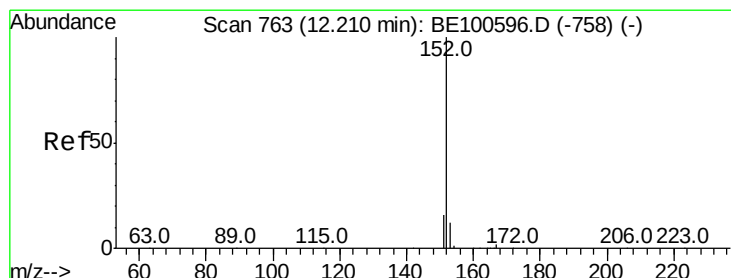
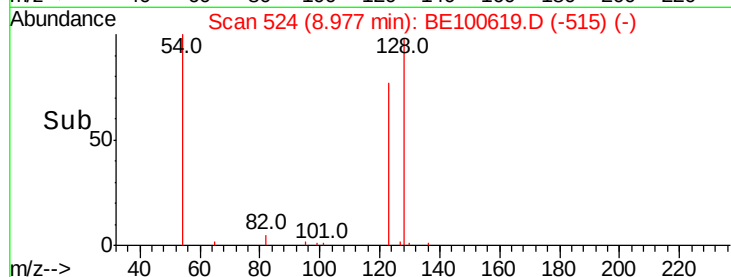
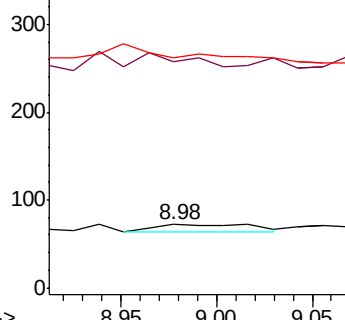
54 363.9 128.5 192.7#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.002 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100619.D

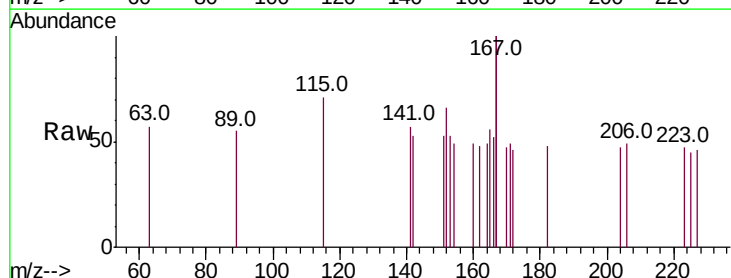
Acq: 8 Oct 2019 21:30

Tgt Ion: 152 Resp: 35

Ion Ratio Lower Upper

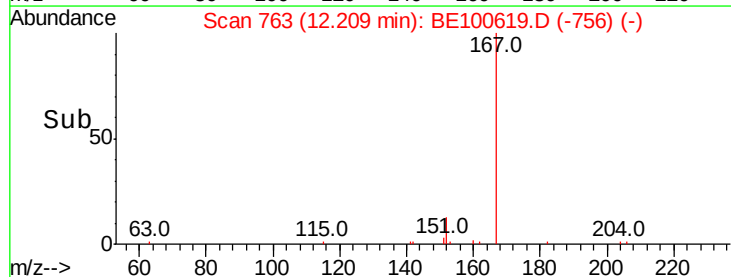
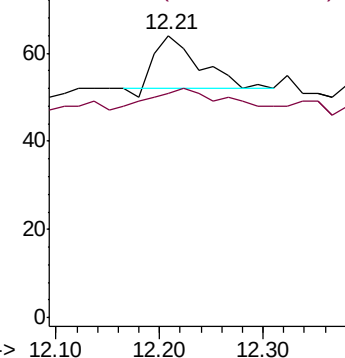
152 100

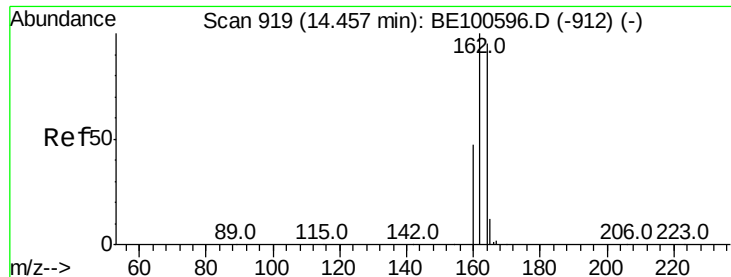
151 68.6 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

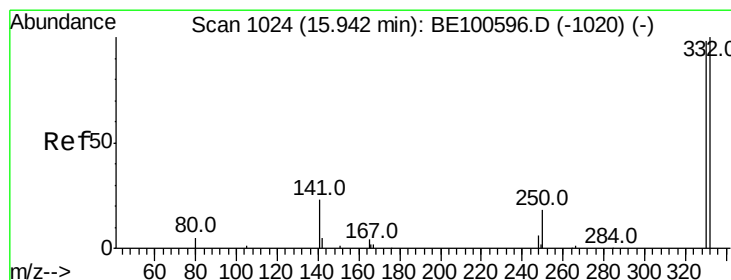
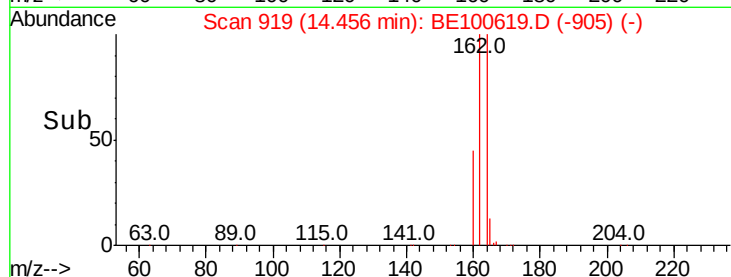
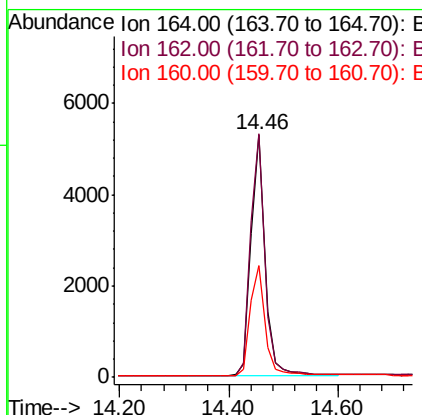
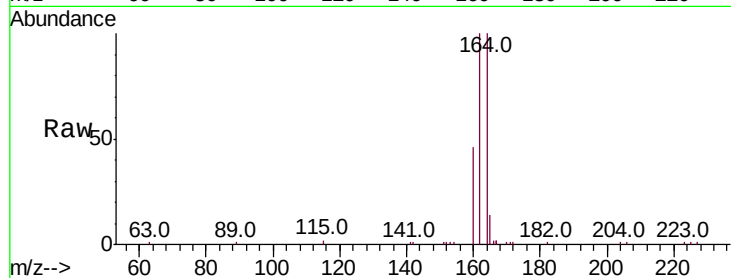




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

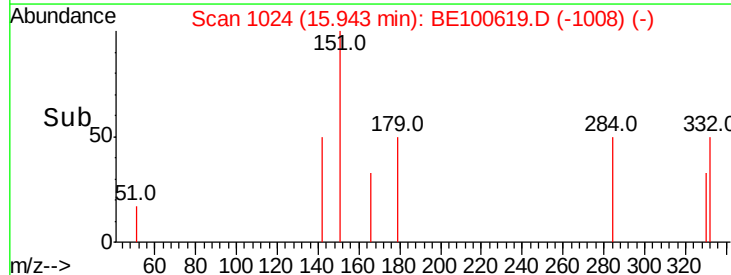
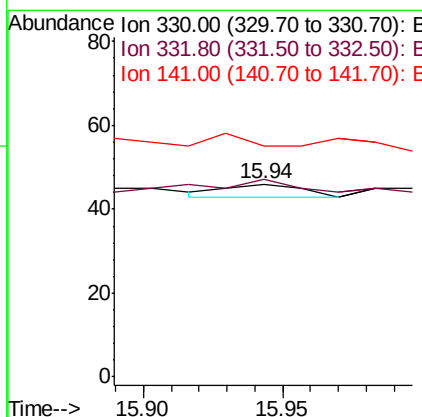
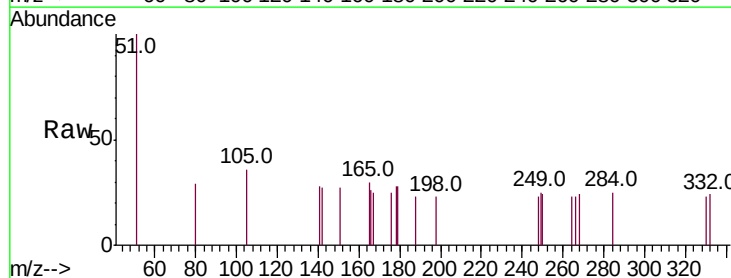
Instrument :
BNA_E
ClientSampleId :

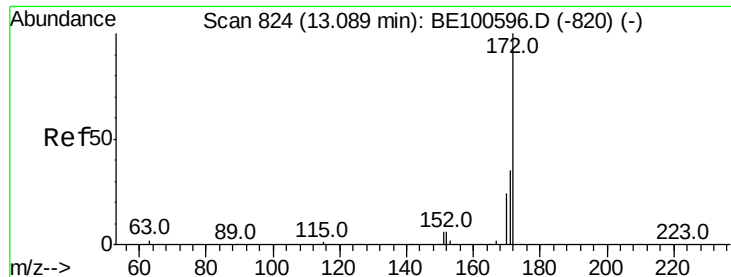
Tot Ion:164 Resp: 9235
Ion Ratio Lower Upper
164 100
162 100.3 84.2 126.4
160 45.9 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion:330 Resp: 6
Ion Ratio Lower Upper
330 100
332 166.7 78.5 117.7#
141 0.0 39.4 59.0#

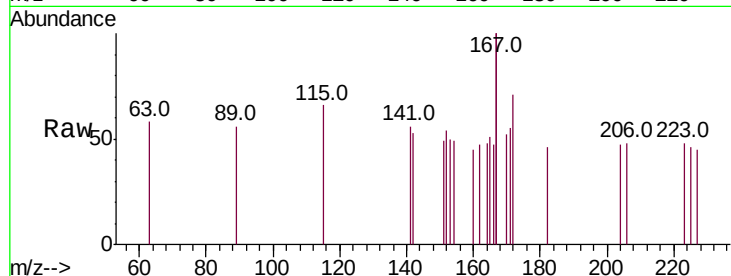




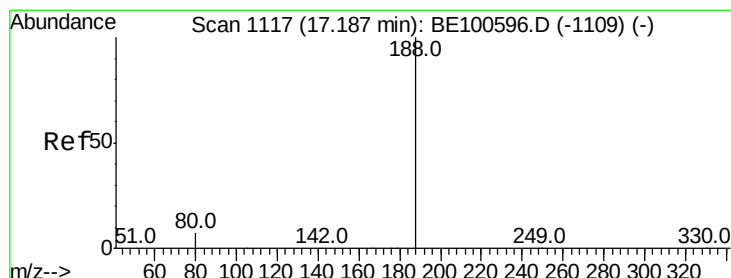
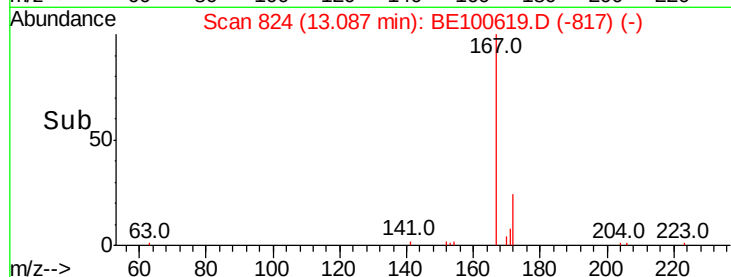
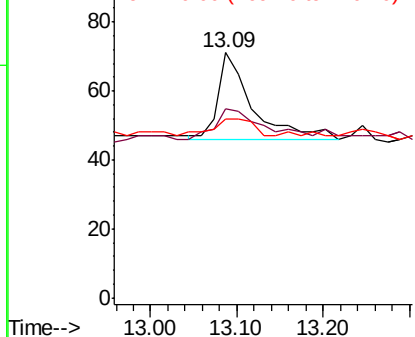
#15
2-Fluorobiphenyl
Concen: 0.002 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 69
Ion Ratio Lower Upper
172 100
171 77.5 28.7 43.1#
170 73.2 19.8 29.8#

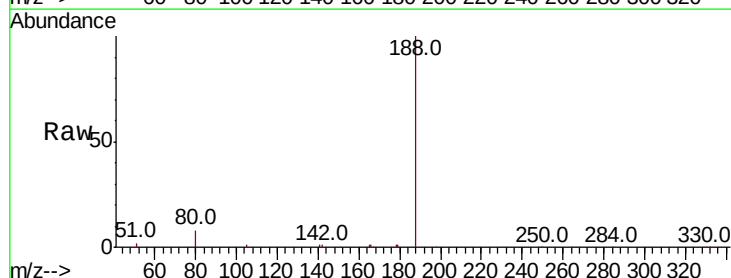


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

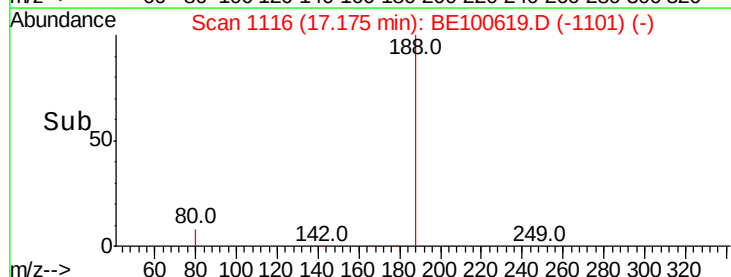
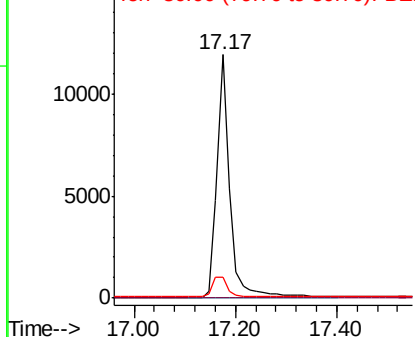


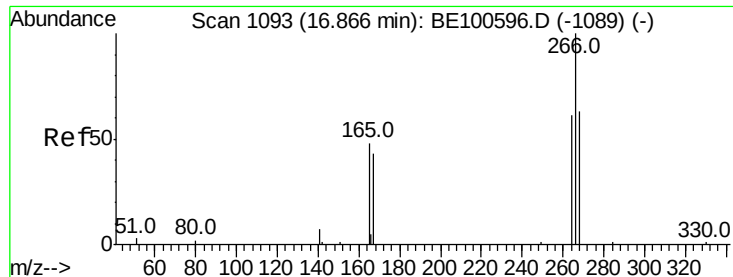
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100619.D
Acq: 8 Oct 2019 21:30

Tgt Ion:188 Resp: 20713
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.341 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

Instrument :

BNA_E

ClientSampleId :

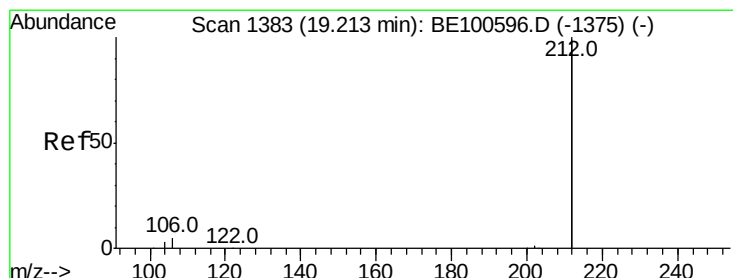
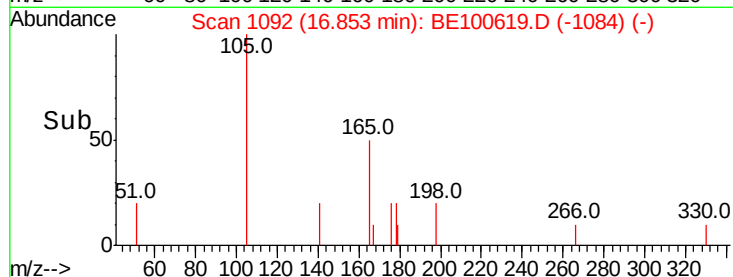
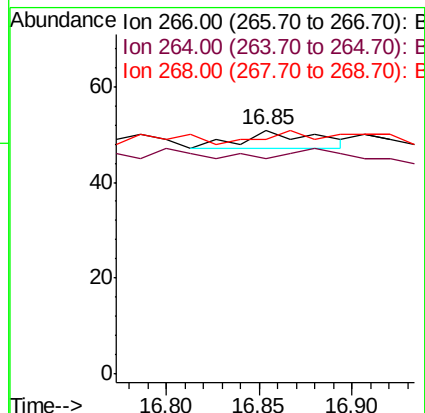
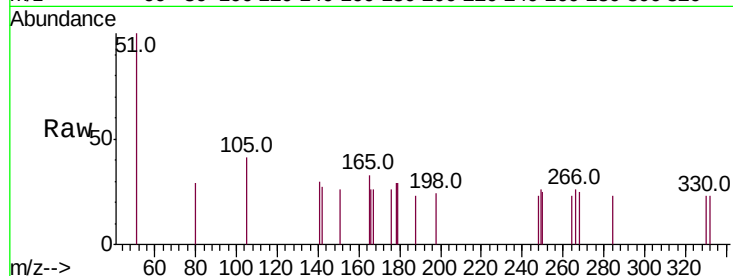
Tot Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 88.2 56.3 84.5#

268 96.1 60.3 90.5#



#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

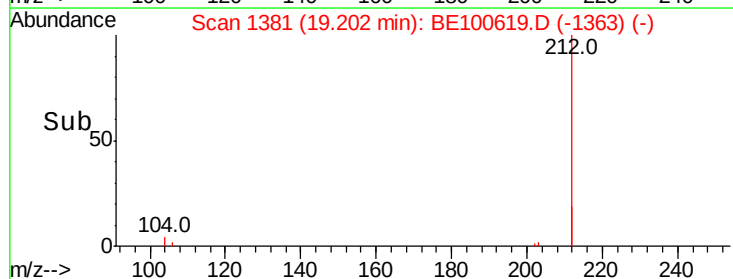
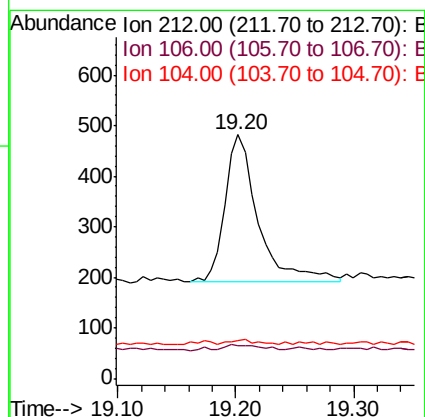
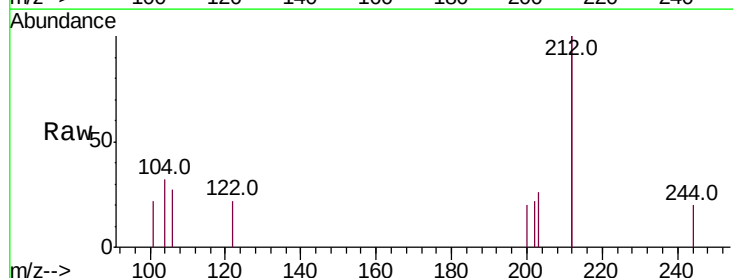
Tgt Ion:212 Resp: 566

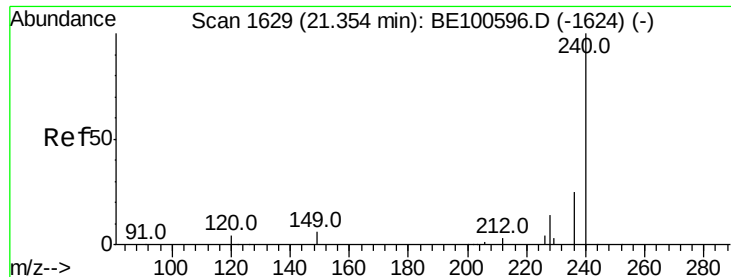
Ion Ratio Lower Upper

212 100

106 3.9 2.3 3.5#

104 2.1 1.3 1.9#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

Instrument :

BNA_E

ClientSampleId :

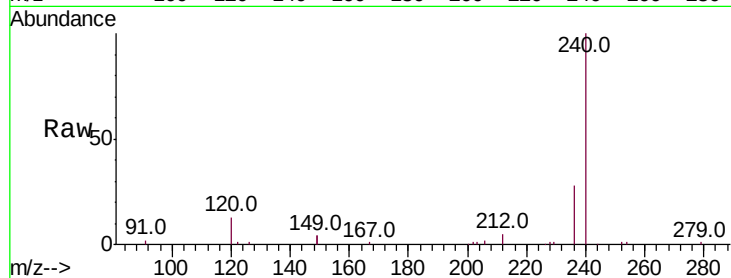
Tot Ion:240 Resp: 22774

Ion Ratio Lower Upper

240 100

120 12.5 3.6 5.4#

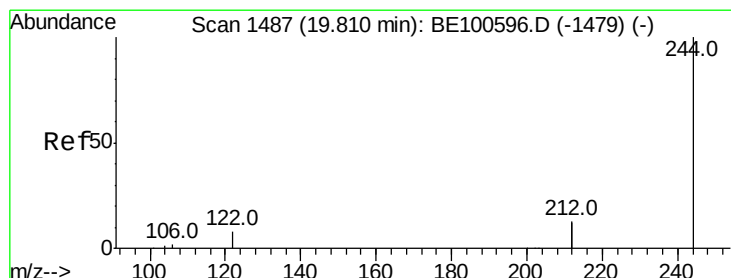
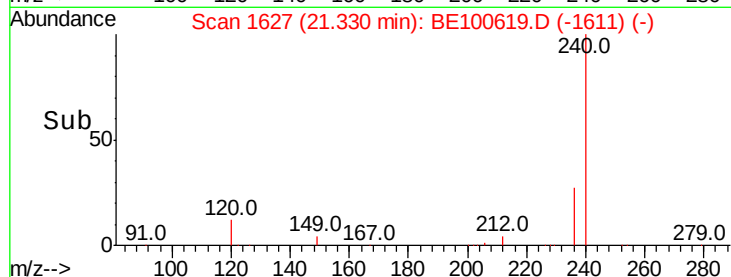
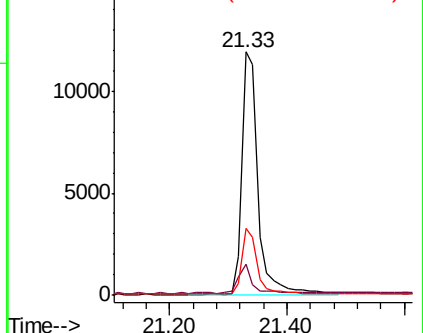
236 27.7 20.5 30.7



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



#29

Terphenyl-d14

Concen: 0.004 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100619.D

Acq: 8 Oct 2019 21:30

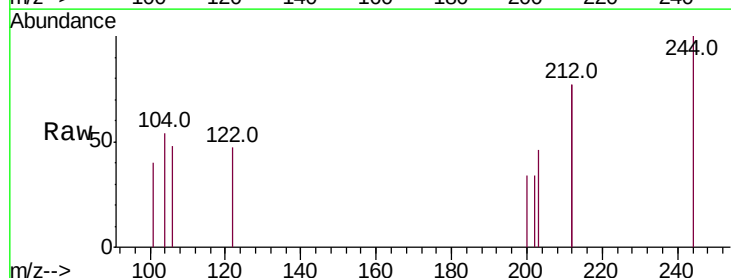
Tgt Ion:244 Resp: 188

Ion Ratio Lower Upper

244 100

212 153.1 20.6 31.0#

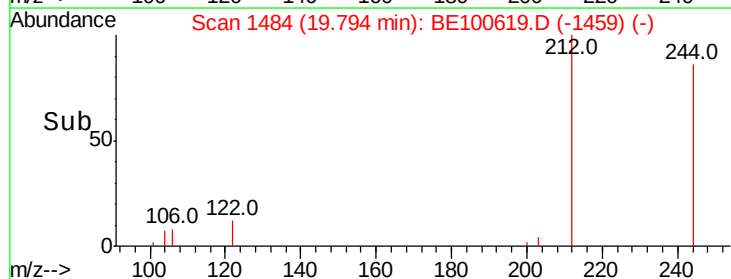
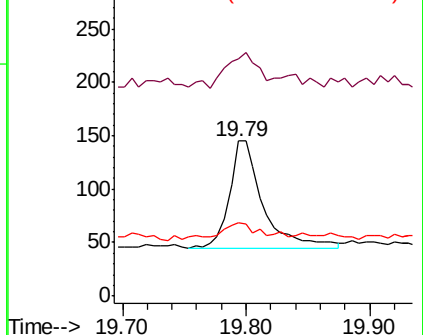
122 46.9 6.5 9.7#

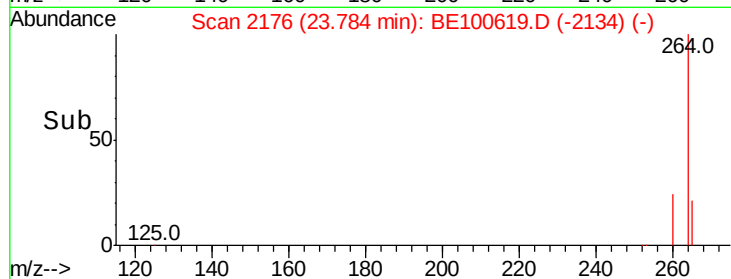
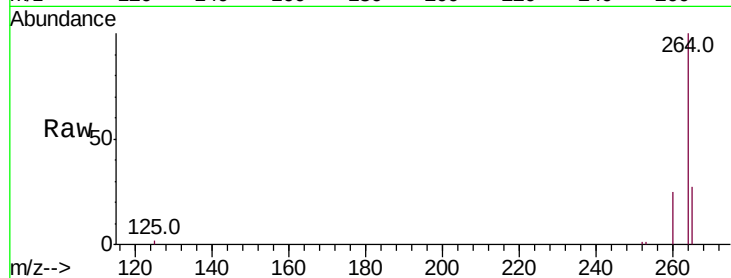
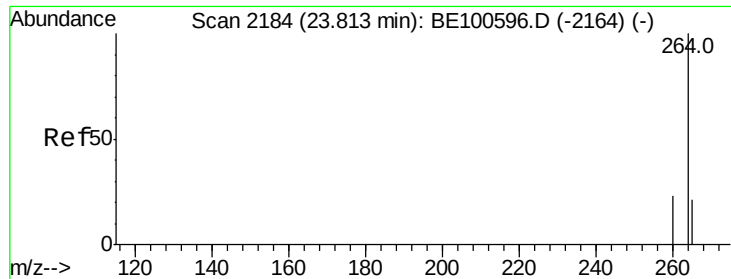


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE100619.D
 Acq: 8 Oct 2019 21:30

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	26519
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.0	28.4
265	27.5	20.9	31.3

