

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100618.D
 Acq On : 8 Oct 2019 20:54
 Operator : JU
 Sample : K5129-02DL 200X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:43 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

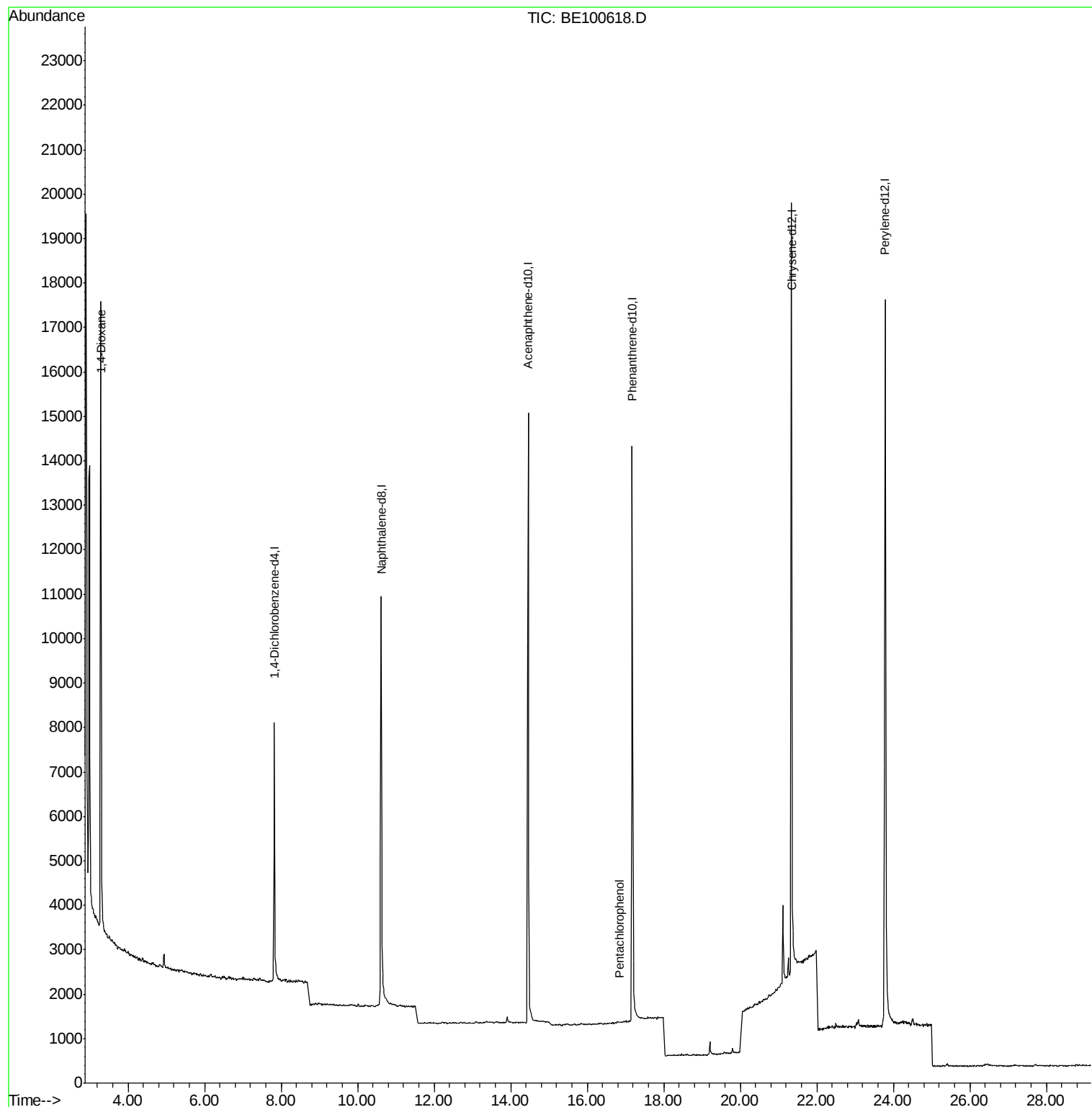
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3271	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15294	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9014	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	20948	0.40	ng	0.00
27) Chrysene-d12	21.34	240	23366	0.40	ng	0.01
34) Perylene-d12	23.78	264	26693	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	16	0.00	ng	-0.01
5) Phenol-d6	7.02	99	15	0.00	ng	0.04
8) Nitrobenzene-d5	8.95	82	4	0.00	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	51	0.00	ng	0.01
14) 2,4,6-Tribromophenol	15.93	330	2	0.00	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	61	0.00	ng	0.00
25) Fluoranthene-d10	19.20	212	476	0.00	ng	0.00
29) Terphenyl-d14	19.80	244	137	0.00	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	11598	2.105	ng	# 90
22) Pentachlorophenol	16.84	266	3	0.339	ng	# 79

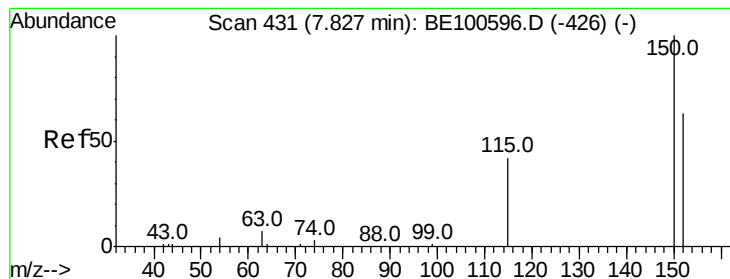
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

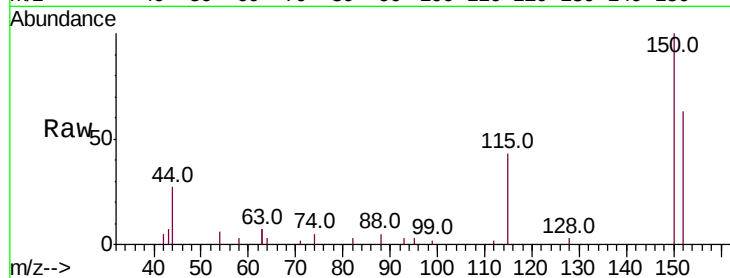
Tot Ion:152 Resp: 3271

Ion Ratio Lower Upper

152 100

150 159.1 126.5 189.7

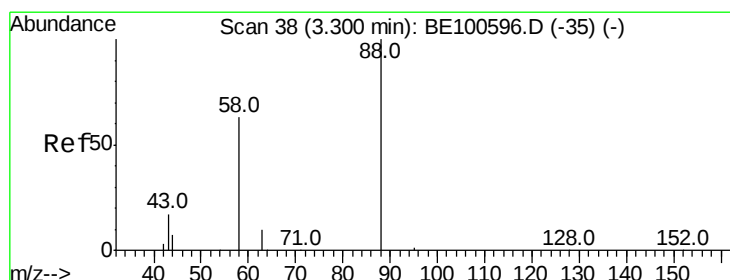
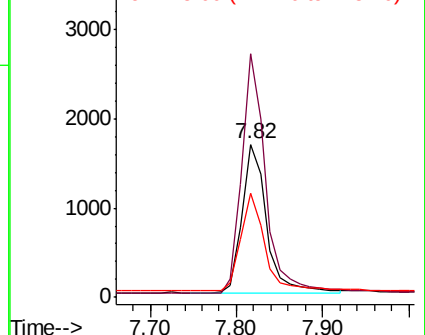
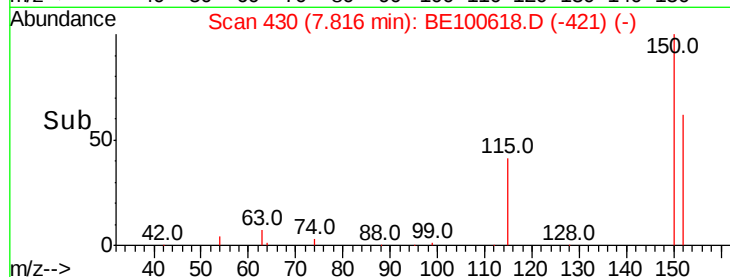
115 68.4 54.6 81.8



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: 2.105 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

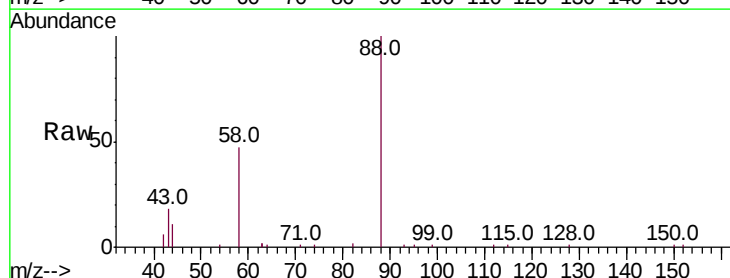
Tgt Ion: 88 Resp: 11598

Ion Ratio Lower Upper

88 100

58 67.6 48.1 72.1

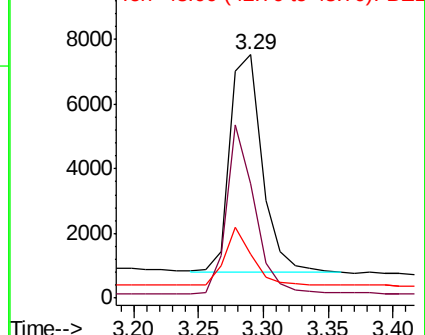
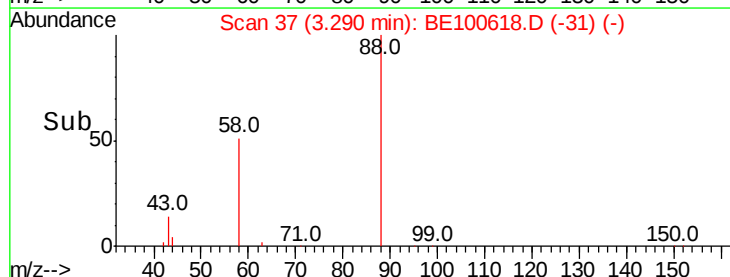
43 22.2 14.4 21.6#

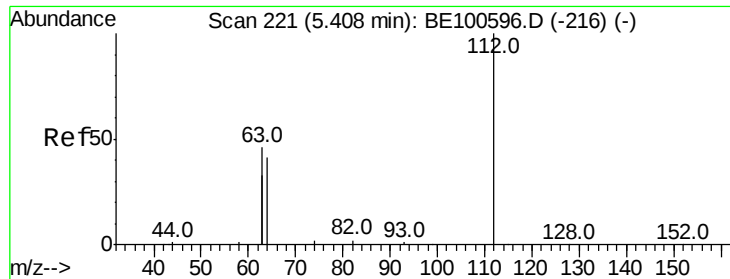


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

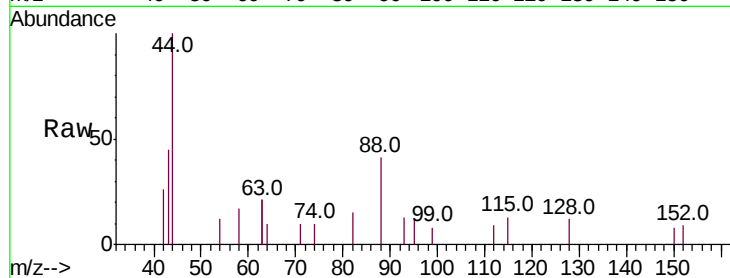
Tot Ion: 112 Resp: 16

Ion Ratio Lower Upper

112 100

64 112.5 43.7 65.5#

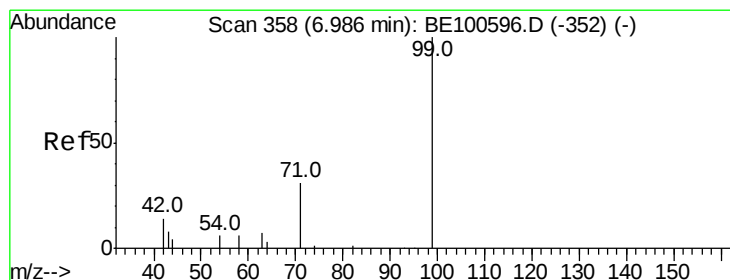
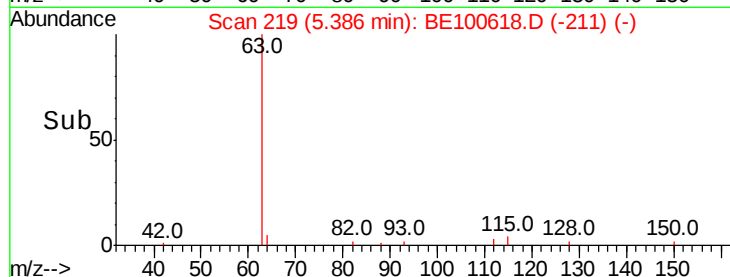
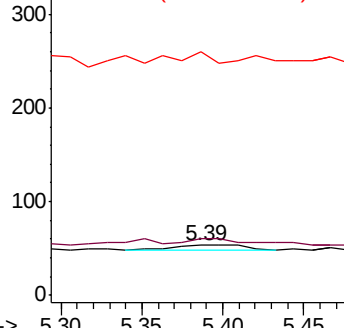
63 125.0 84.5 126.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.001 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

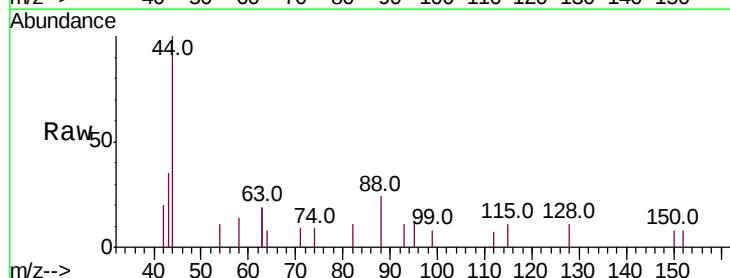
Tgt Ion: 99 Resp: 15

Ion Ratio Lower Upper

99 100

42 126.7 11.7 17.5#

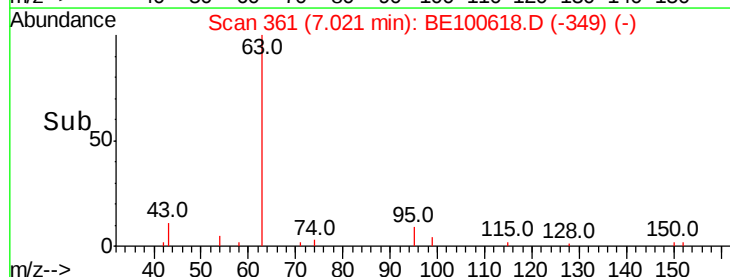
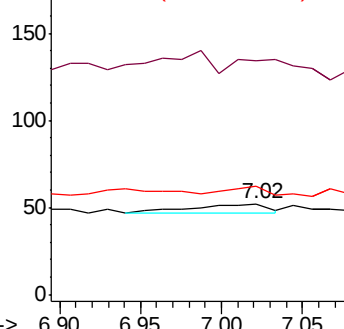
71 80.0 23.0 34.4#

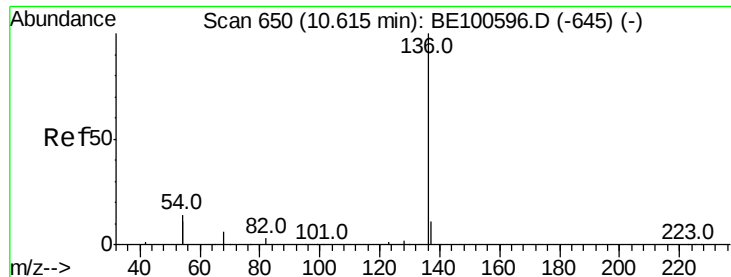


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15294

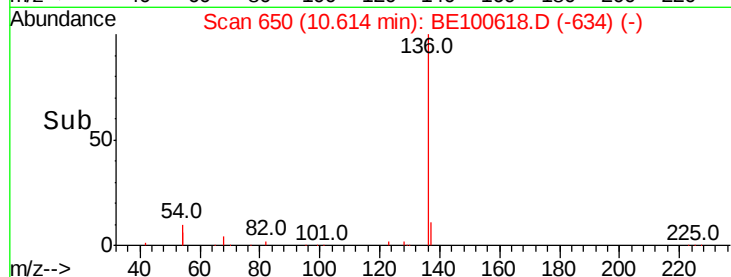
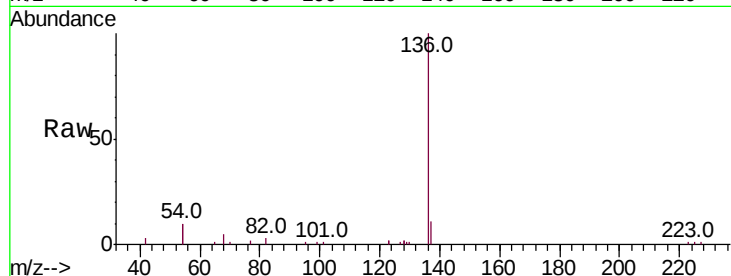
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 19.8 22.4 33.6#

68 4.8 5.2 7.8#

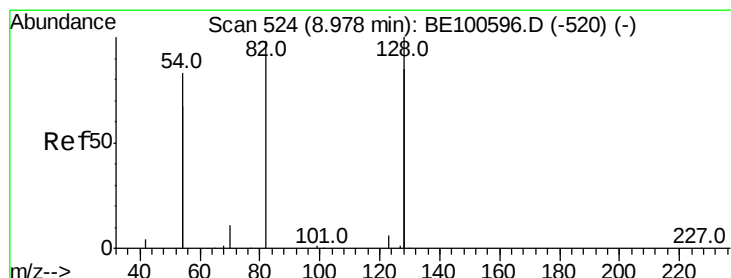
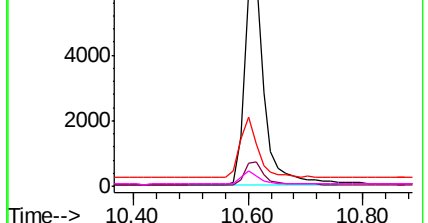


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.000 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

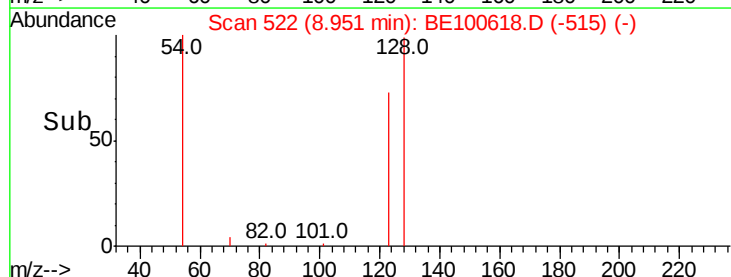
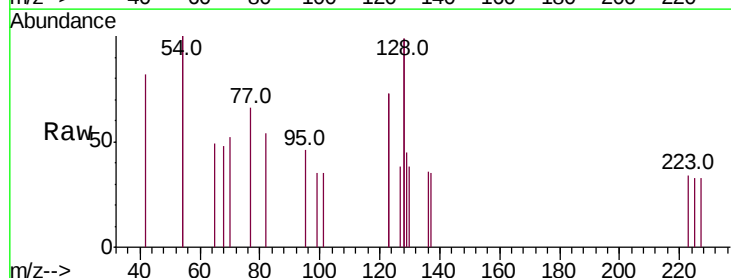
Tgt Ion: 82 Resp: 4

Ion Ratio Lower Upper

82 100

128 362.2 154.7 232.1#

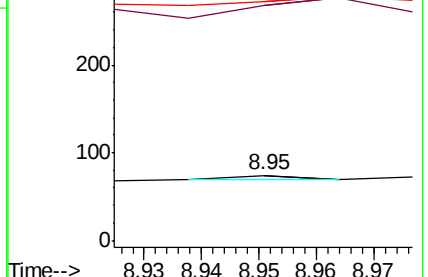
54 367.6 128.5 192.7#

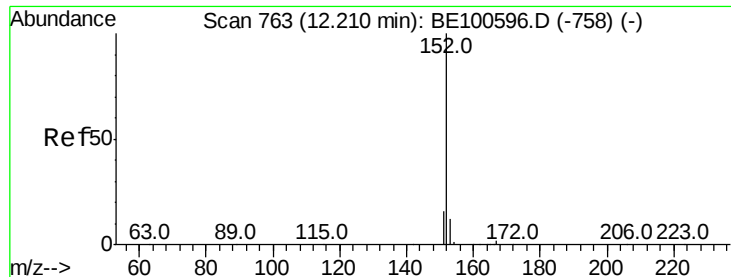


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.002 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

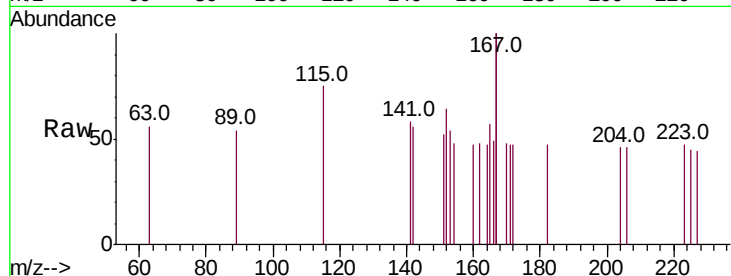
ClientSampleId :

Tot Ion:152 Resp: 51

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

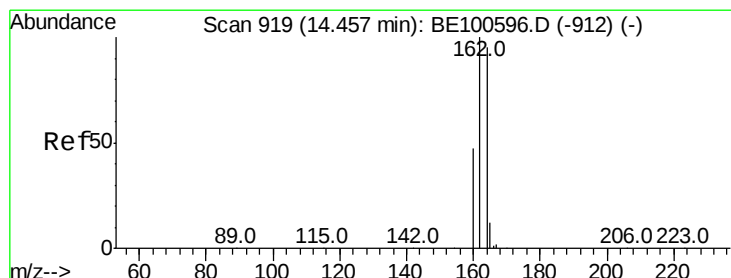
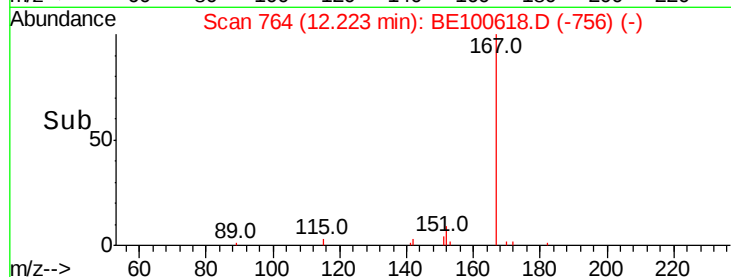
60

40

20

0

Time--> 12.10 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

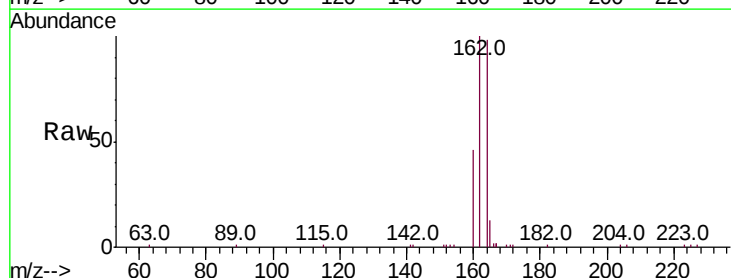
Tgt Ion:164 Resp: 9014

Ion Ratio Lower Upper

164 100

162 101.6 84.2 126.4

160 46.3 40.2 60.4



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

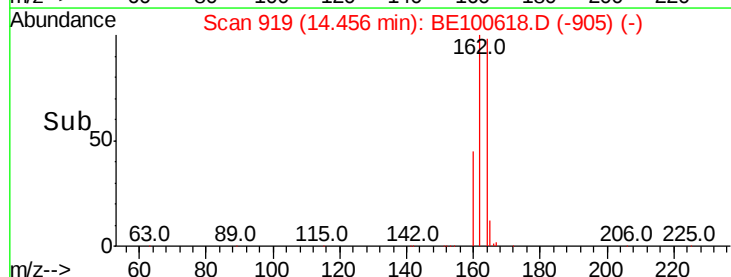
6000

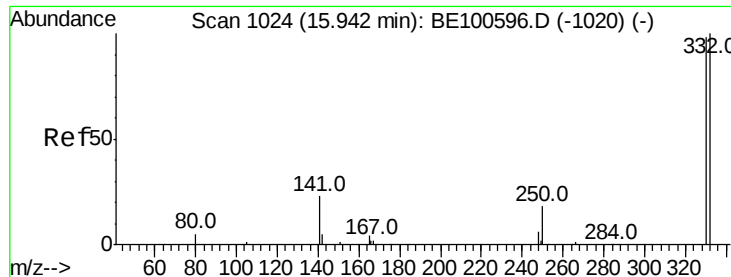
4000

2000

0

Time--> 14.40 14.46 14.50

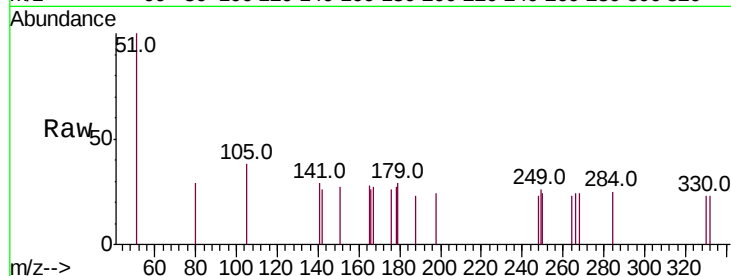




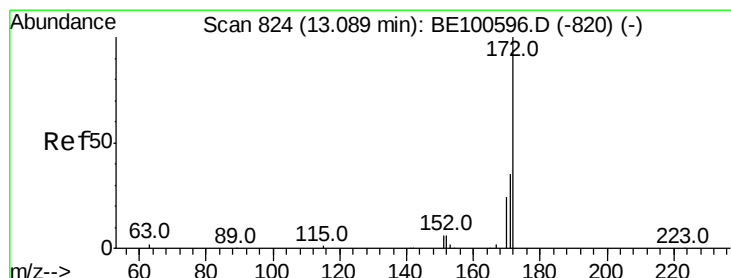
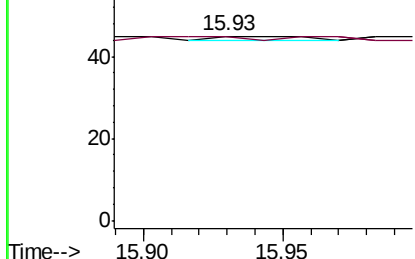
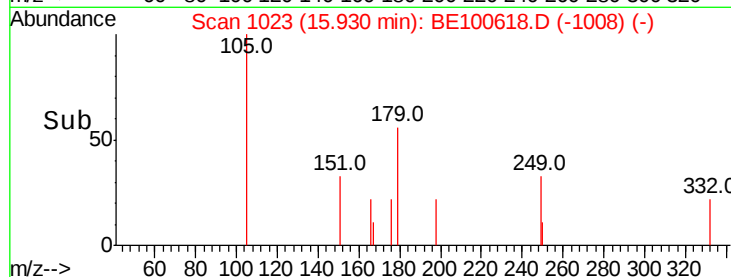
#14
 2,4,6-Tribromophenol
 Concen: 0.001 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BE100618.D
 Acq: 8 Oct 2019 20:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 2
 Ion Ratio Lower Upper
 330 100
 332 0.0 78.5 117.7#
 141 0.0 39.4 59.0#

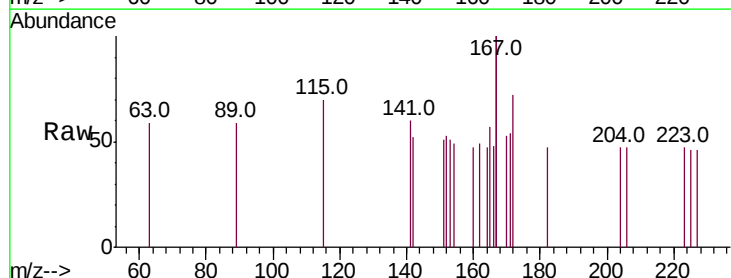


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

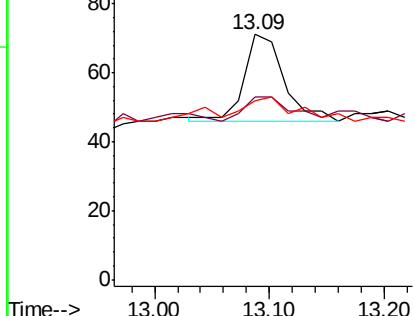
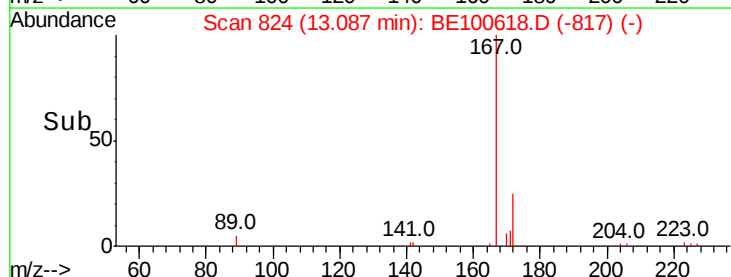


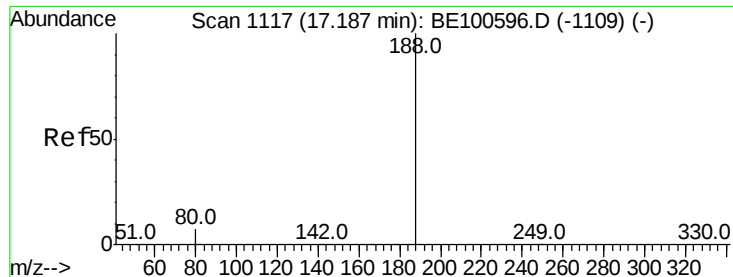
#15
 2-Fluorobiphenyl
 Concen: 0.002 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE100618.D
 Acq: 8 Oct 2019 20:54

Tgt Ion:172 Resp: 61
 Ion Ratio Lower Upper
 172 100
 171 74.6 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: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

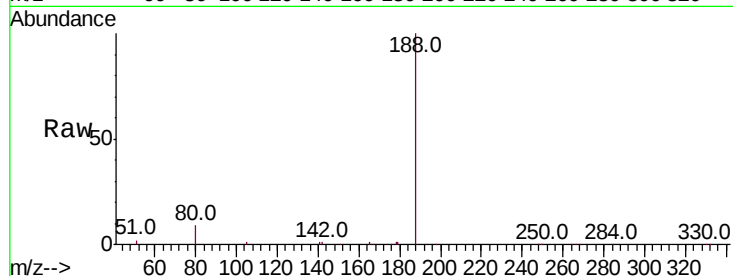
Tot Ion:188 Resp: 20948

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

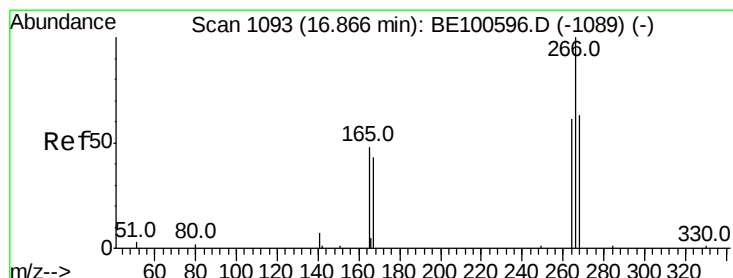
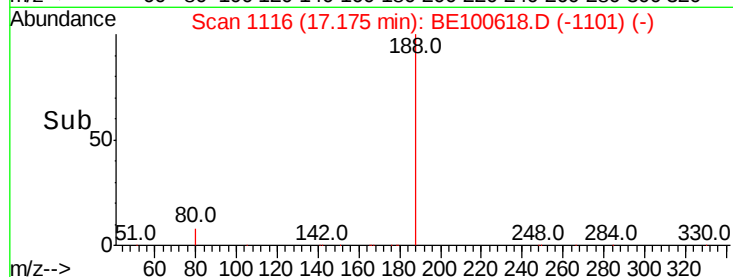
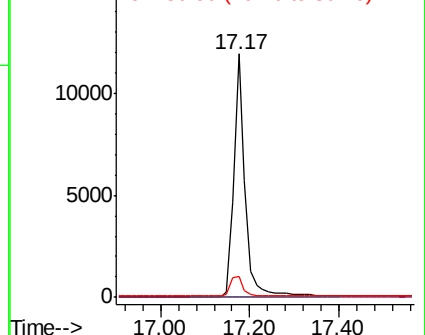
80 8.8 6.2 9.2



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: 0.339 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

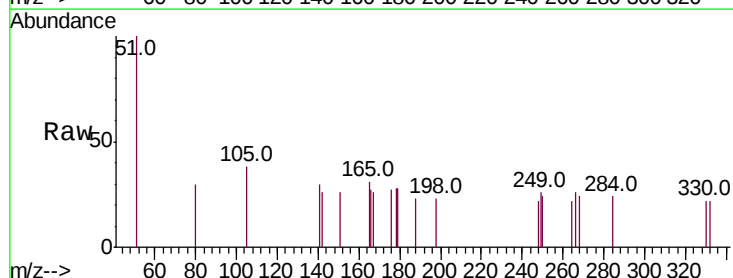
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 86.5 56.3 84.5#

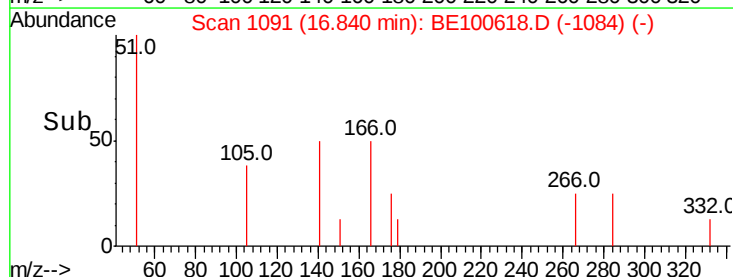
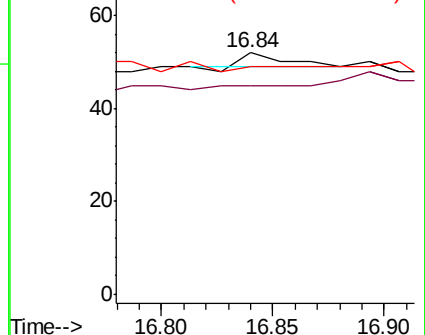
268 94.2 60.3 90.5#

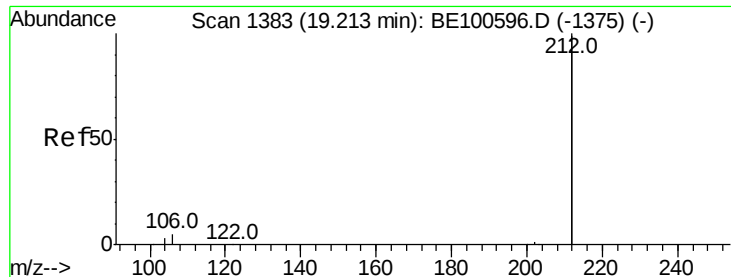


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

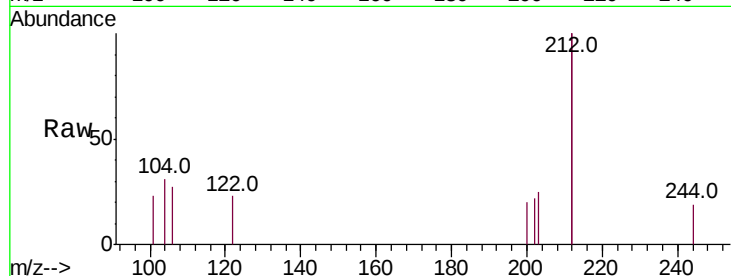
Tot Ion:212 Resp: 476

Ion Ratio Lower Upper

212 100

106 5.0 2.3 3.5#

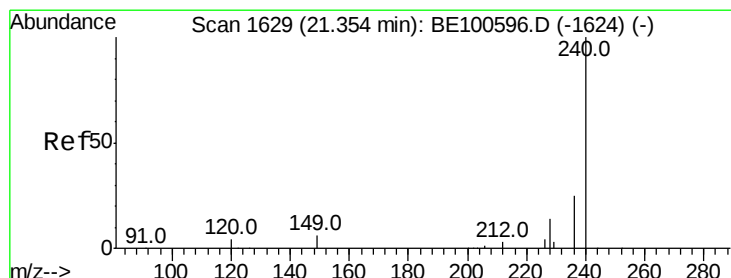
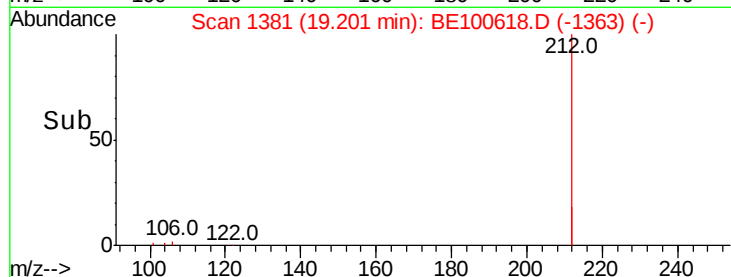
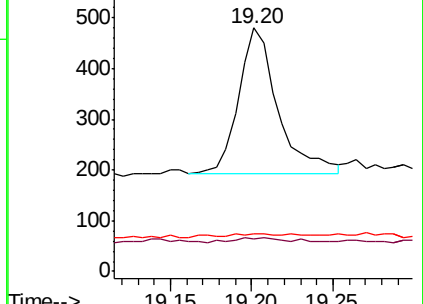
104 2.9 1.3 1.9#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

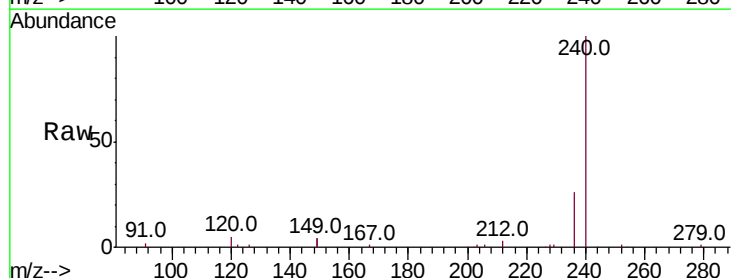
Tgt Ion:240 Resp: 23366

Ion Ratio Lower Upper

240 100

120 5.1 3.6 5.4

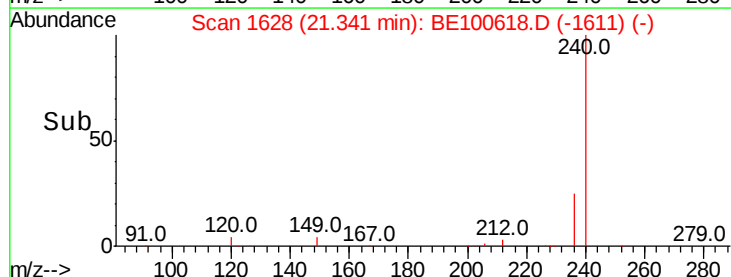
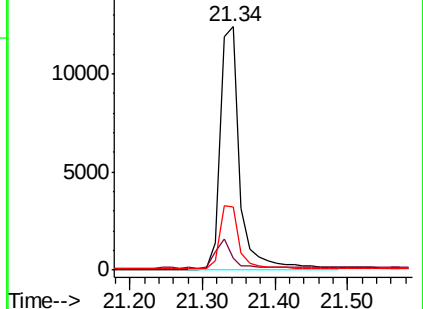
236 25.7 20.5 30.7

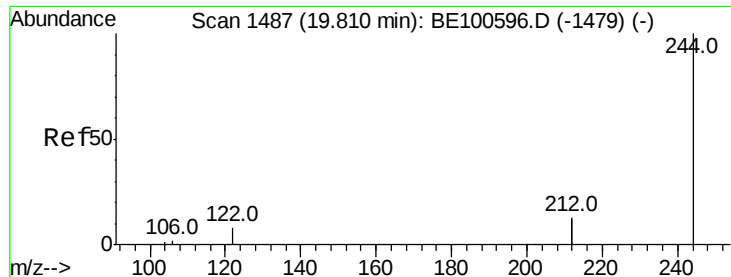


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.003 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

Instrument :

BNA_E

ClientSampleId :

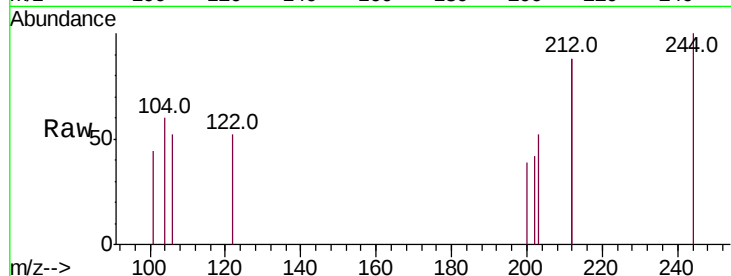
Tot Ion:244 Resp: 137

Ion Ratio Lower Upper

244 100

212 175.4 20.6 31.0#

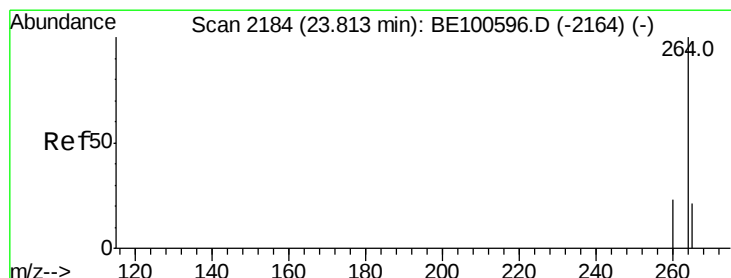
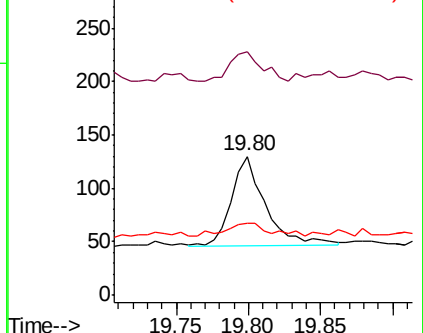
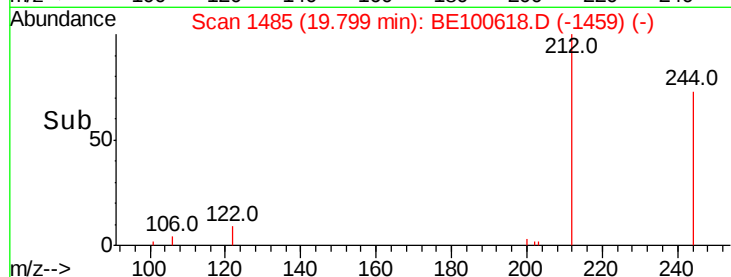
122 51.5 6.5 9.7#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE100618.D

Acq: 8 Oct 2019 20:54

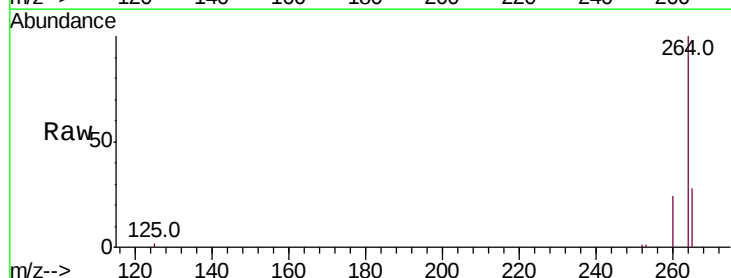
Tgt Ion:264 Resp: 26693

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 28.0 20.9 31.3



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

