

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100493.D
 Acq On : 23 Jul 2019 9:49
 Operator : HP/JU
 Sample : PB121536BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121536BL

Quant Time: Jul 24 02:05:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2631	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	9506	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5152	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	11952	0.40	ng	0.00
27) Chrysene-d12	21.38	240	15690	0.40	ng	0.00
34) Perylene-d12	23.85	264	19931	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	2815	0.44	ng	0.00
5) Phenol-d6	7.03	99	4067	0.44	ng	0.00
8) Nitrobenzene-d5	9.02	82	3270	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	5747	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	870	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7950	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	65296	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	12540	0.32	ng	0.00

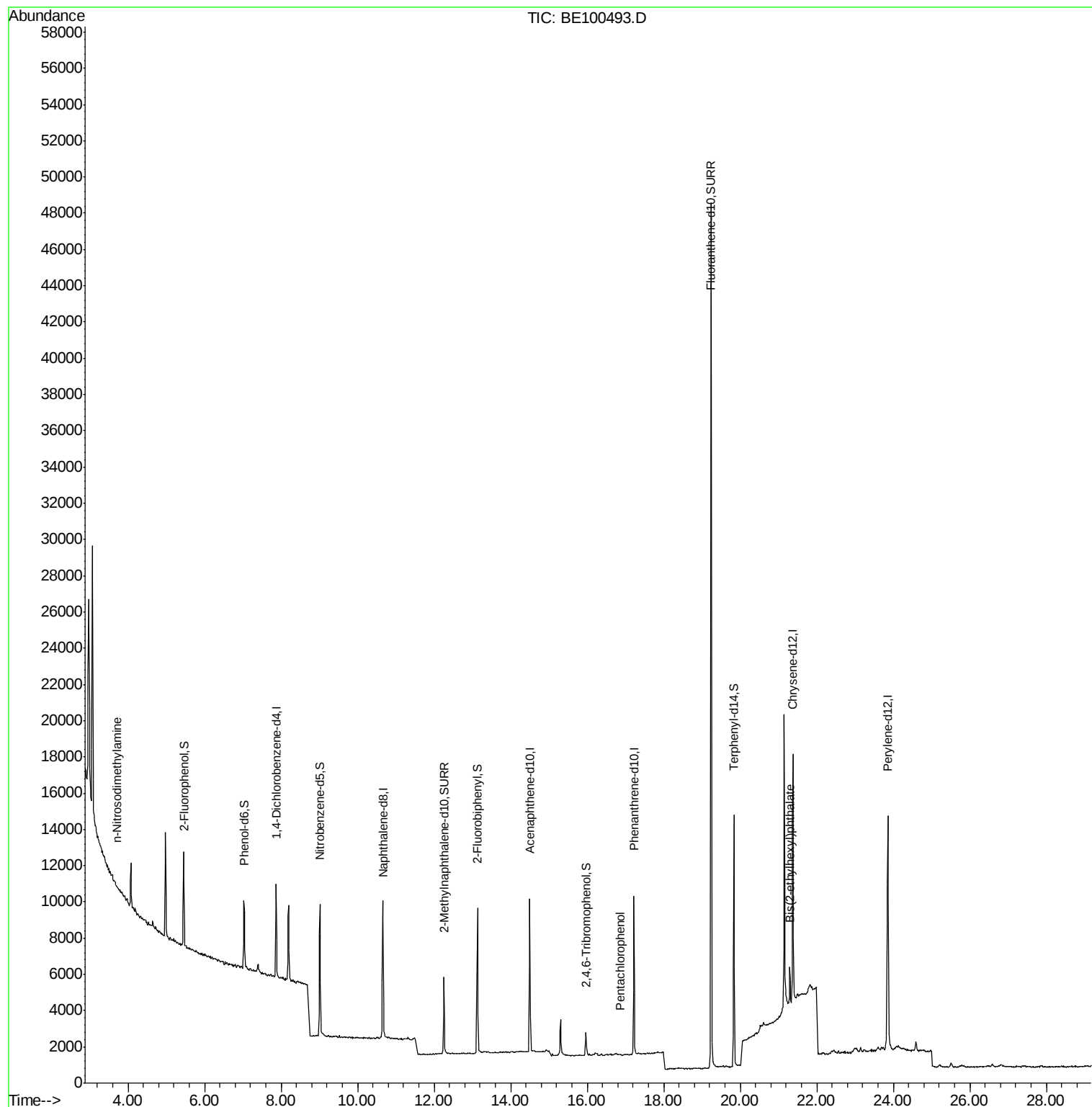
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.71	42	84	0.035	ng	# 1
22) Pentachlorophenol	16.87	266	13	0.155	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.29	149	2574	0.023	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

Instrument :

BNA_E

ClientSampleId :

PB121536BL

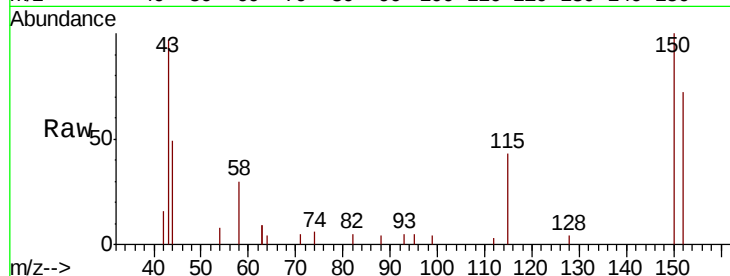
Tgt Ion: 152 Resp: 2631

Ion Ratio Lower Upper

152 100

150 138.0 115.0 172.6

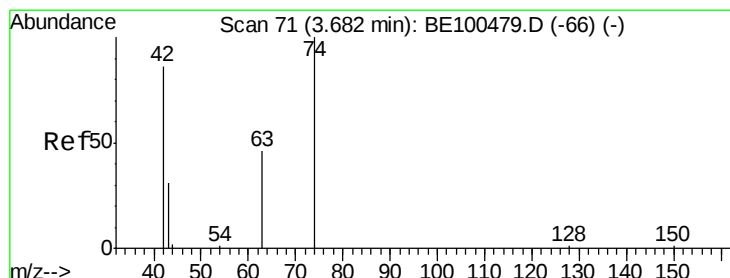
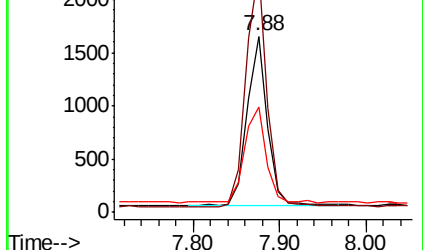
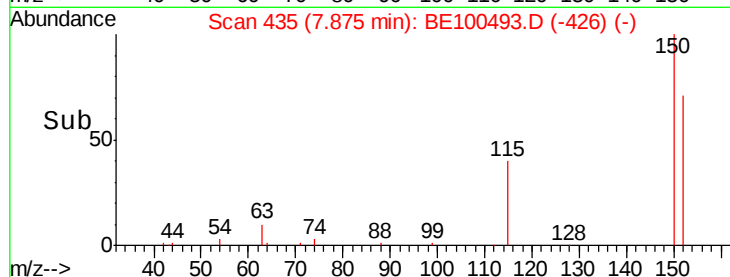
115 59.9 52.9 79.3



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



#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.02 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

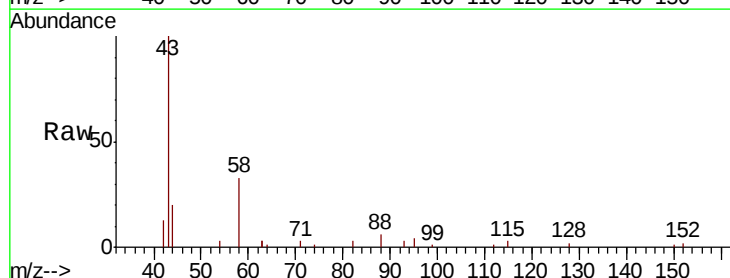
Tgt Ion: 42 Resp: 84

Ion Ratio Lower Upper

42 100

74 22.6 0.0 0.0#

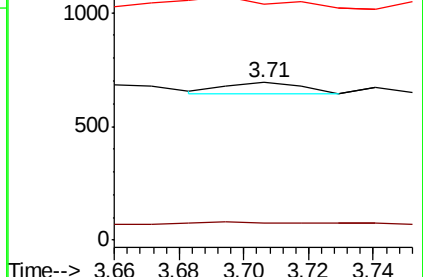
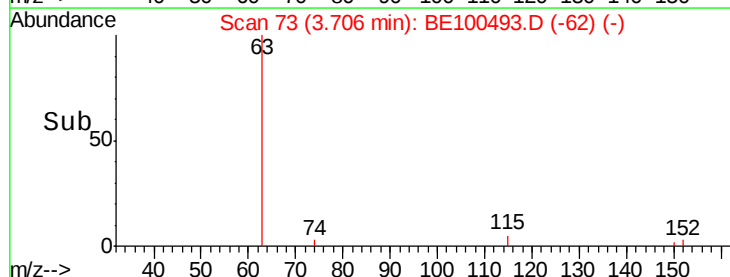
44 173.8 9.6 14.4#

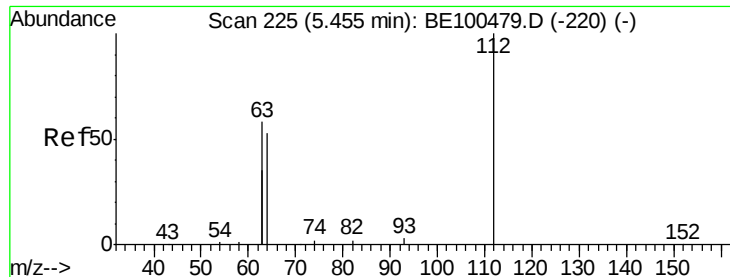


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.439 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

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ClientSampleId :

PB121536BL

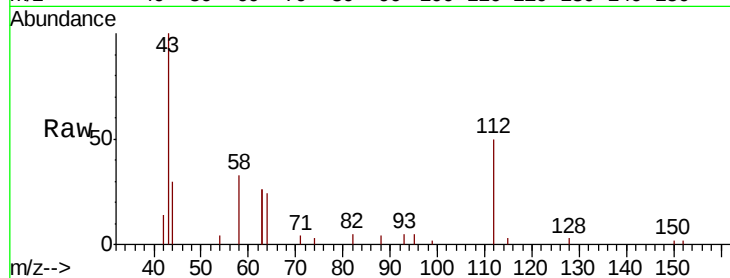
Tgt Ion: 112 Resp: 2815

Ion Ratio Lower Upper

112 100

64 65.3 54.1 81.1

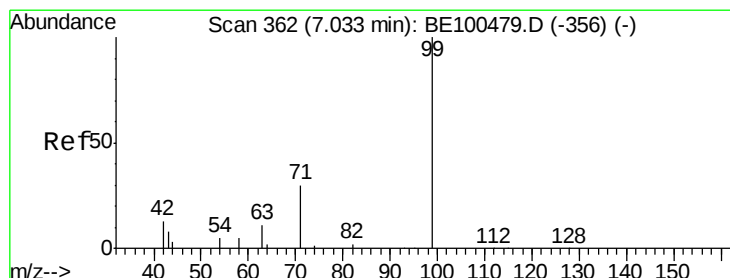
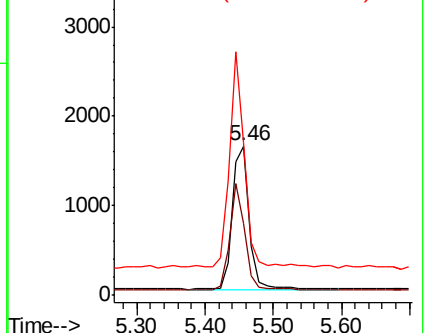
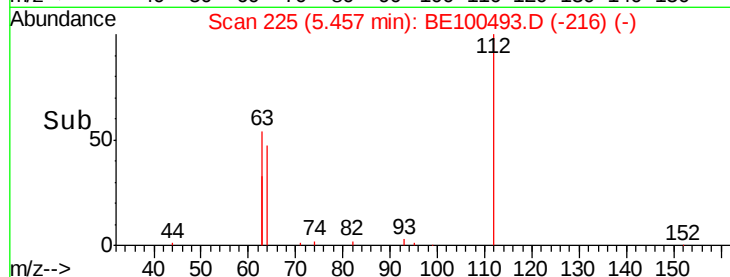
63 130.9 104.6 157.0



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.444 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

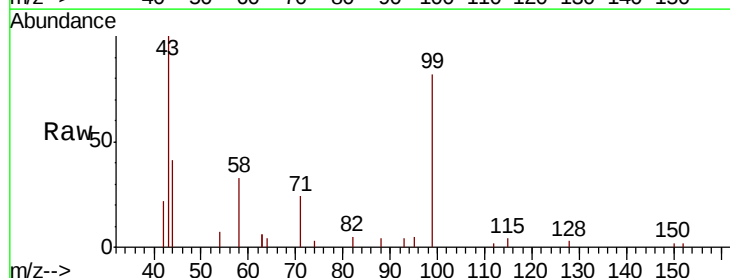
Tgt Ion: 99 Resp: 4067

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

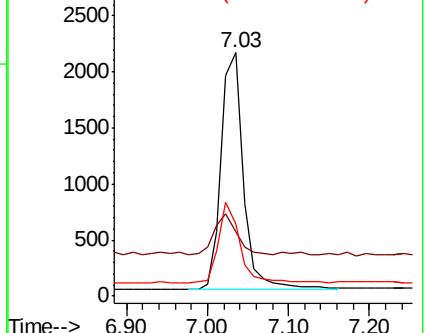
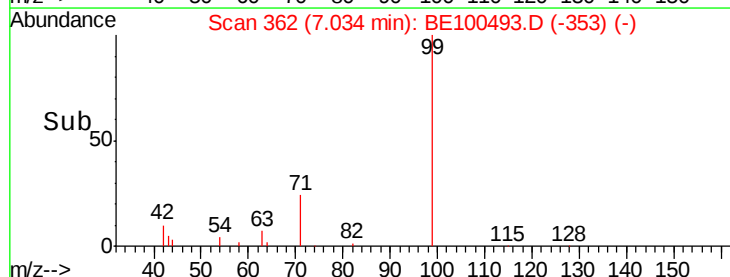
71 31.8 26.4 39.6

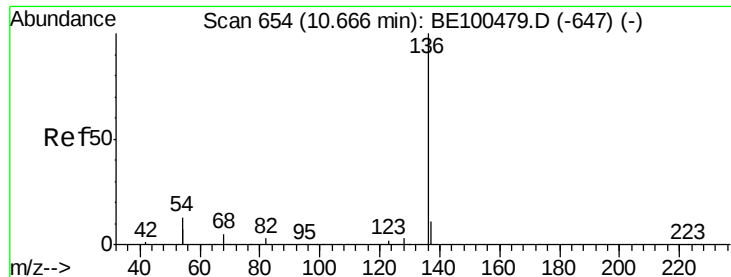


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

Instrument :

BNA_E

ClientSampleId :

PB121536BL

Tgt Ion: 136 Resp: 9506

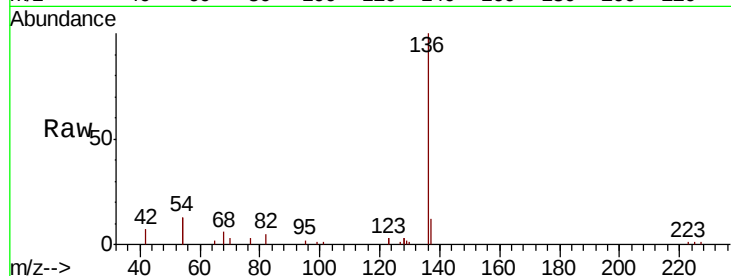
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.6

54 26.7 20.6 31.0

68 6.4 5.3 7.9

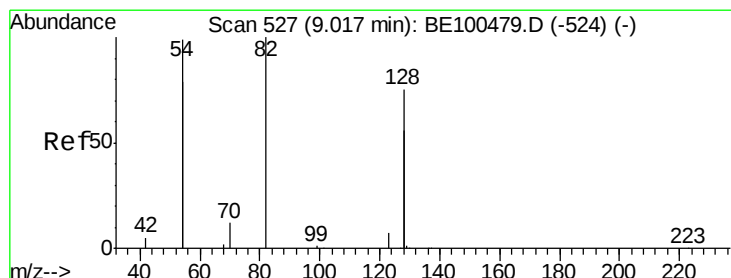
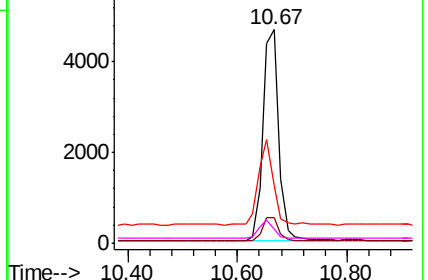
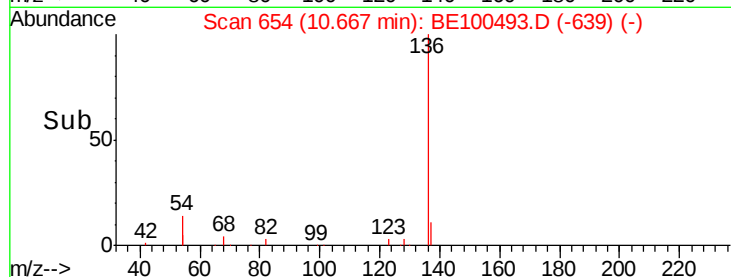


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.414 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

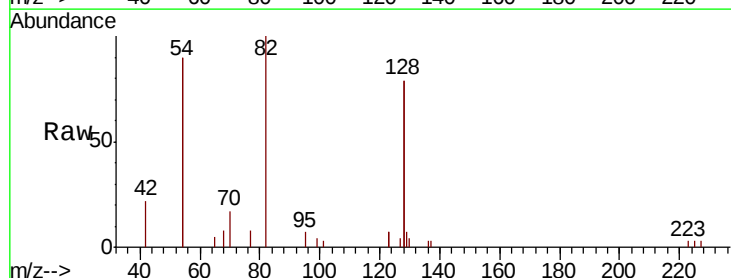
Tgt Ion: 82 Resp: 3270

Ion Ratio Lower Upper

82 100

128 157.8 113.6 170.4

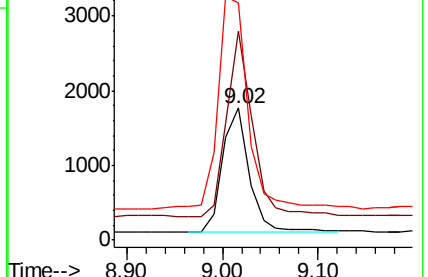
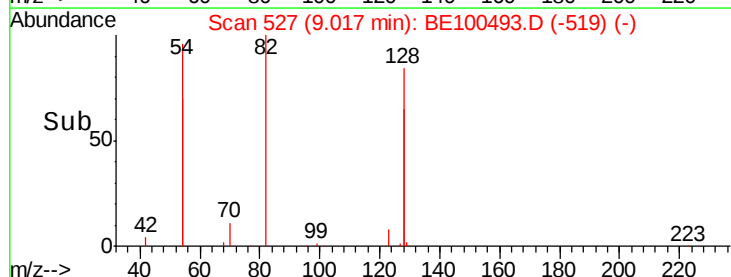
54 179.4 150.6 226.0

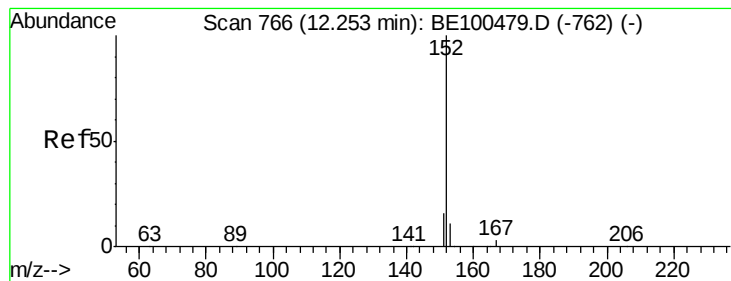


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

Instrument :

BNA_E

ClientSampleId :

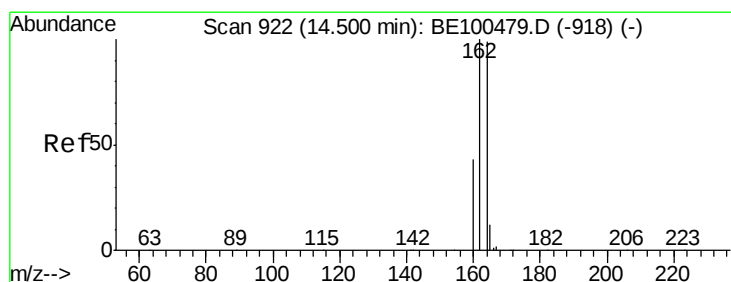
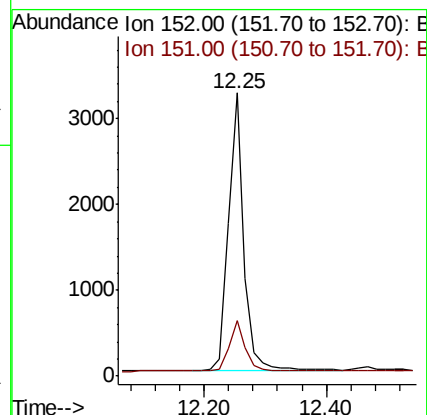
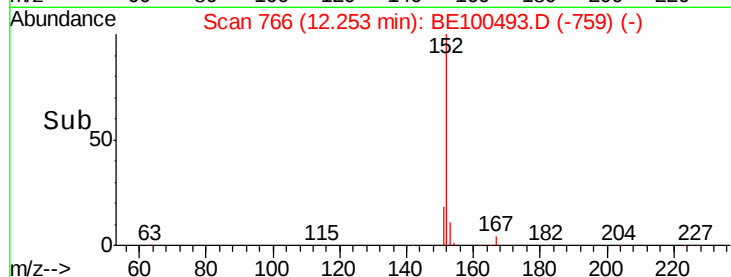
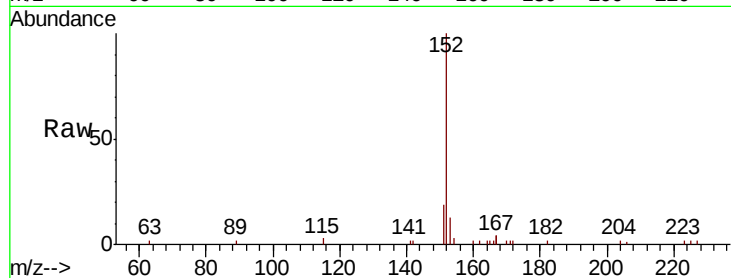
PB121536BL

Tgt Ion:152 Resp: 5747

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

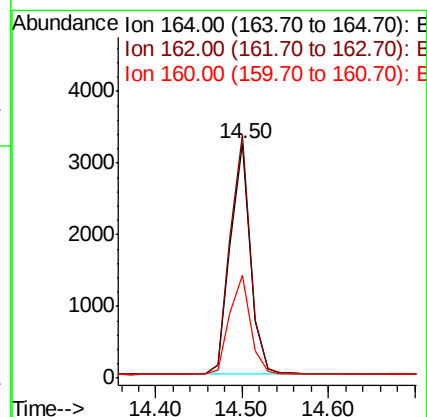
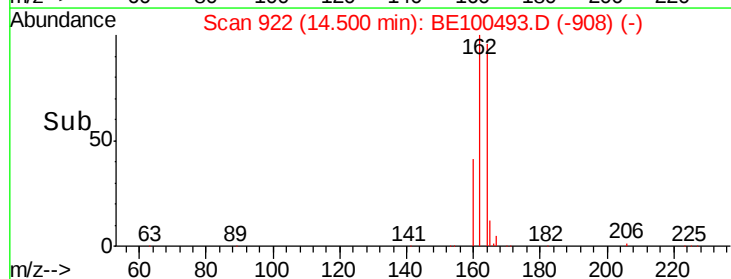
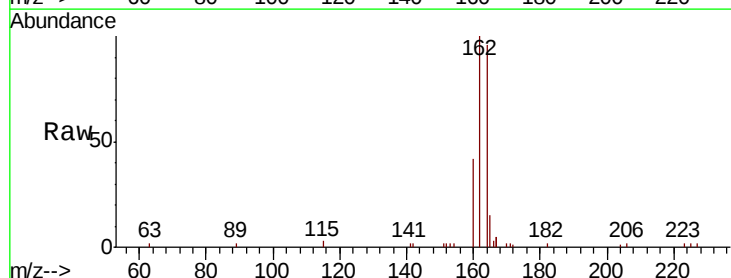
Tgt Ion:164 Resp: 5152

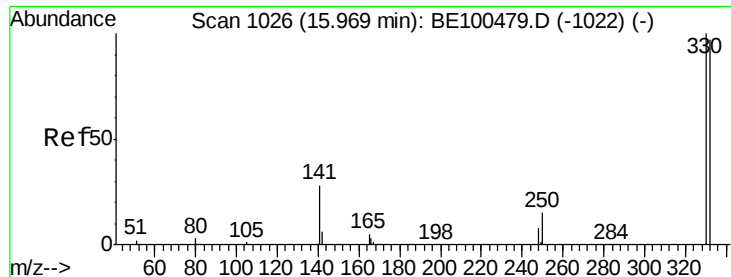
Ion Ratio Lower Upper

164 100

162 103.9 80.8 121.2

160 43.8 34.9 52.3

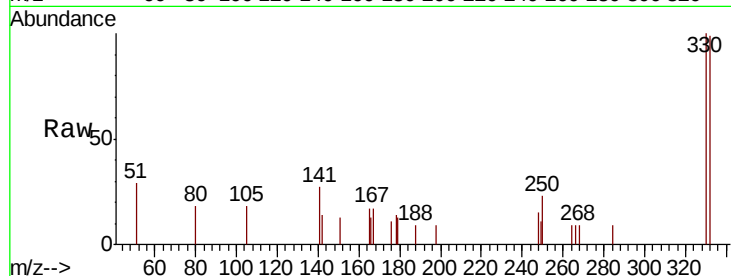




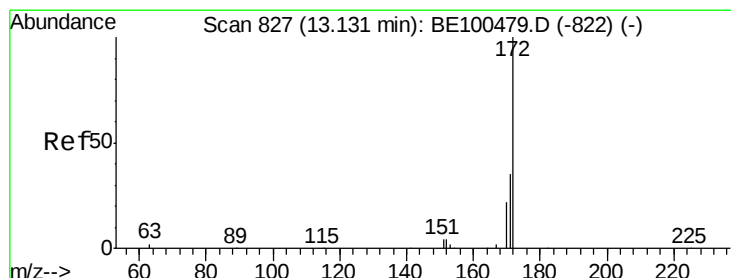
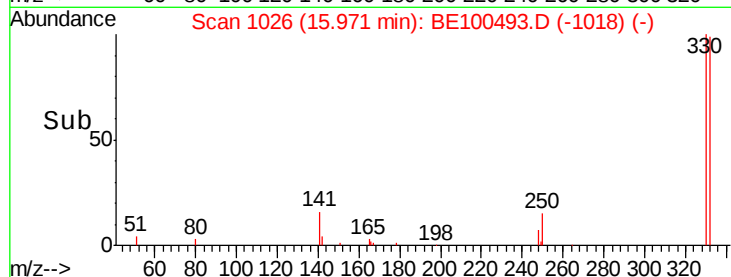
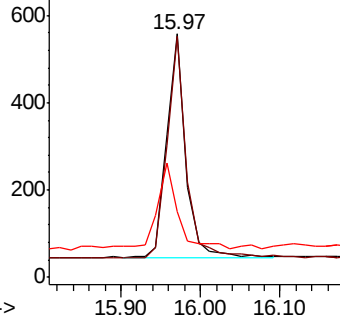
#14
 2,4,6-Tribromophenol
 Concen: 0.389 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100493.D
 Acq: 23 Jul 2019 9:49

Instrument :
 BNA_E
 ClientSampleId :
 PB121536BL

Tgt Ion: 330 Resp: 870
 Ion Ratio Lower Upper
 330 100
 332 97.9 80.5 120.7
 141 39.2 29.9 44.9

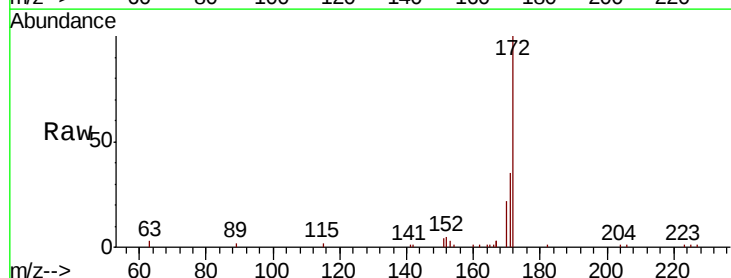


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

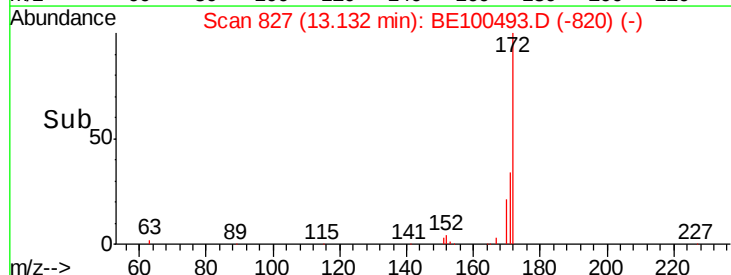
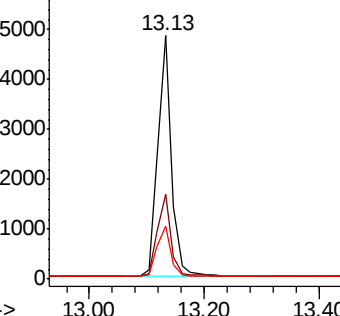


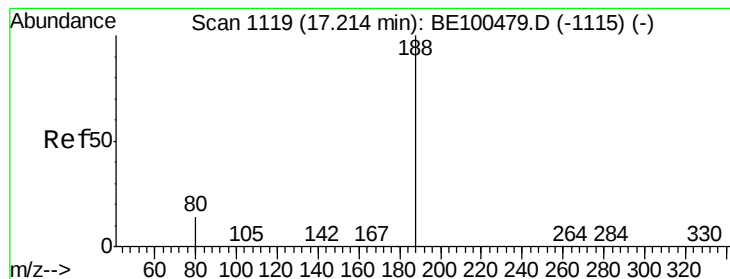
#15
 2-Fluorobiphenyl
 Concen: 0.380 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BE100493.D
 Acq: 23 Jul 2019 9:49

Tgt Ion: 172 Resp: 7950
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 21.6 17.8 26.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

Instrument :

BNA_E

ClientSampleId :

PB121536BL

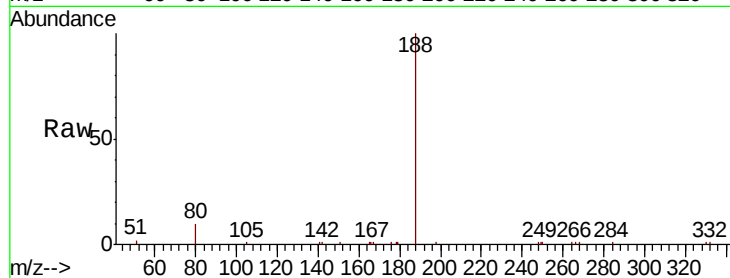
Tgt Ion:188 Resp: 11952

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

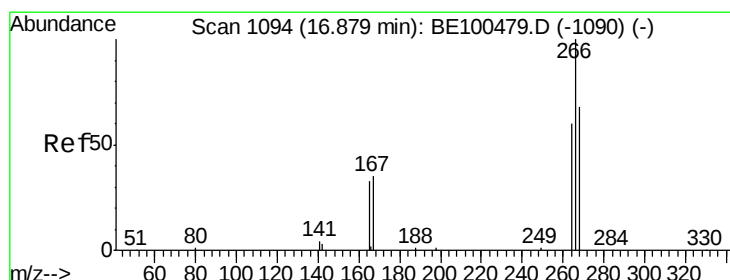
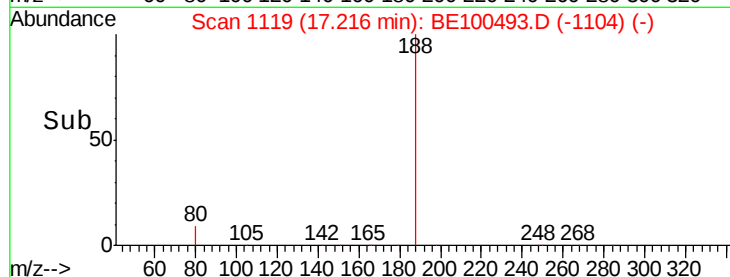
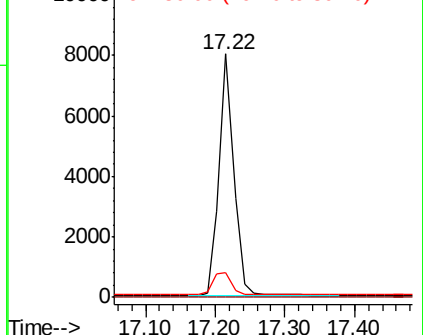
80 10.0 11.9 17.9#



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: 0.155 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

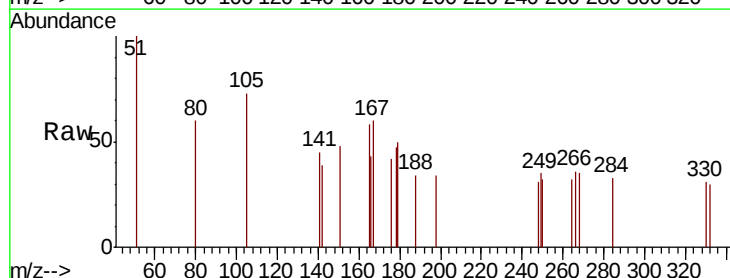
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 90.9 50.4 75.6#

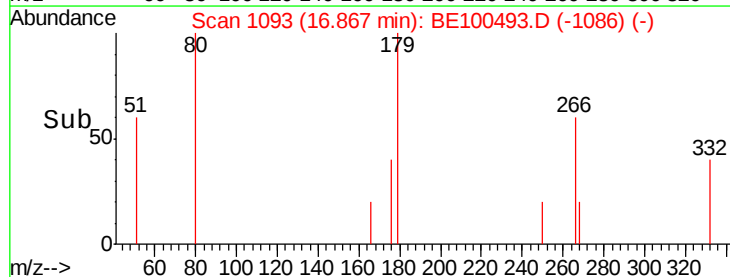
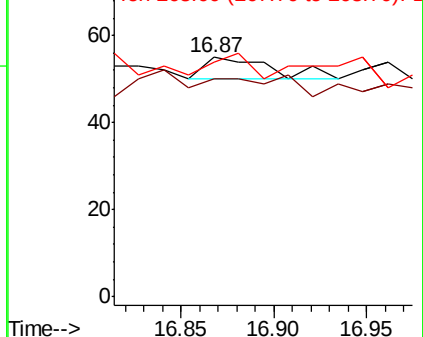
268 98.2 56.6 85.0#

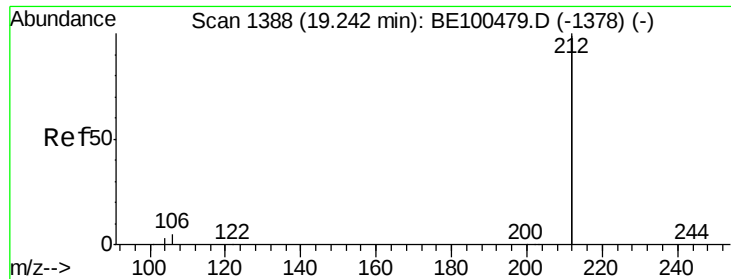


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

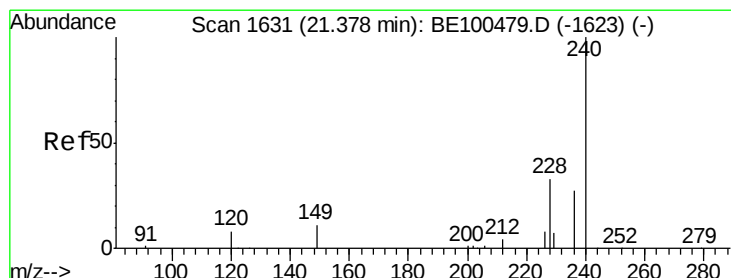
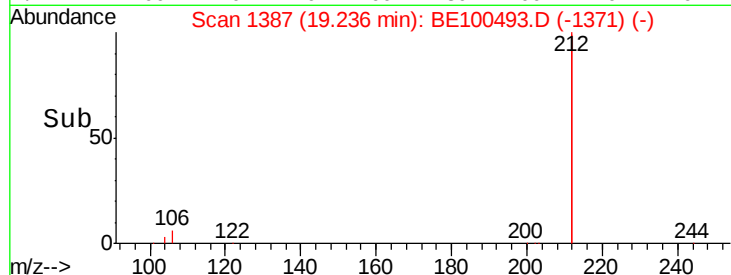
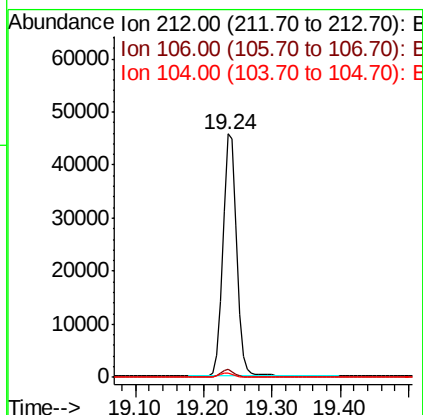
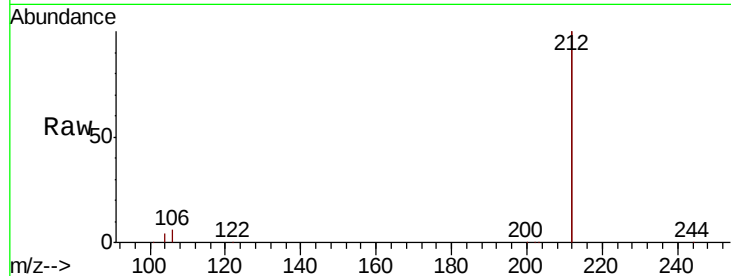




#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE100493.D
 Acq: 23 Jul 2019 9:49

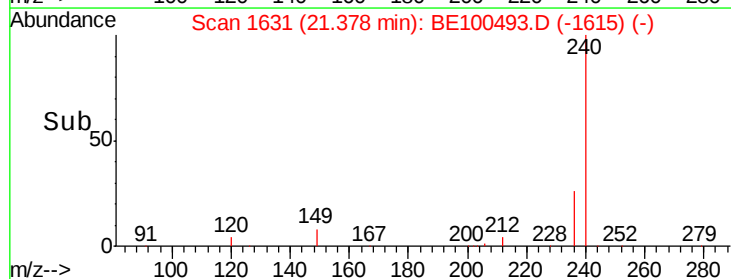
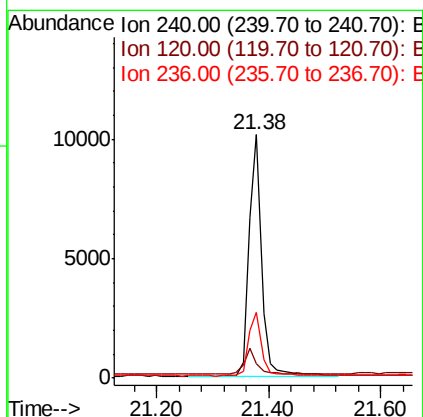
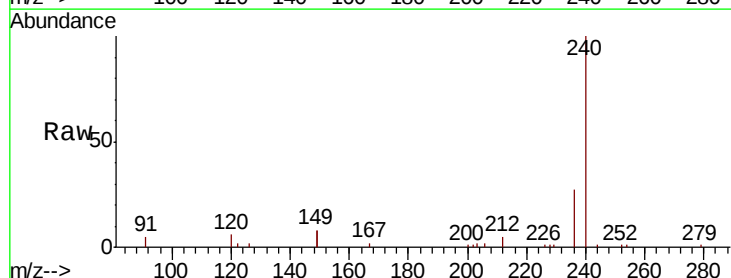
Instrument :
 BNA_E
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 PB121536BL

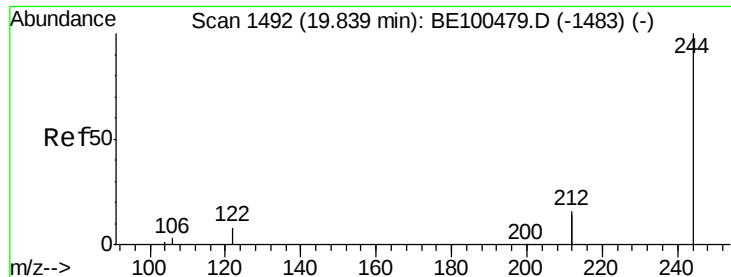
Tgt Ion:212 Resp: 65296
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE100493.D
 Acq: 23 Jul 2019 9:49

Tgt Ion:240 Resp: 15690
 Ion Ratio Lower Upper
 240 100
 120 6.0 8.2 12.2#
 236 27.2 22.6 34.0





#29

Terphenyl-d14

Concen: 0.324 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

Instrument :

BNA_E

ClientSampleId :

PB121536BL

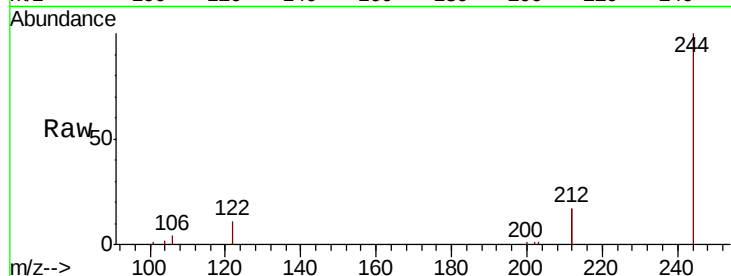
Tgt Ion:244 Resp: 12540

Ion Ratio Lower Upper

244 100

212 33.9 25.6 38.4

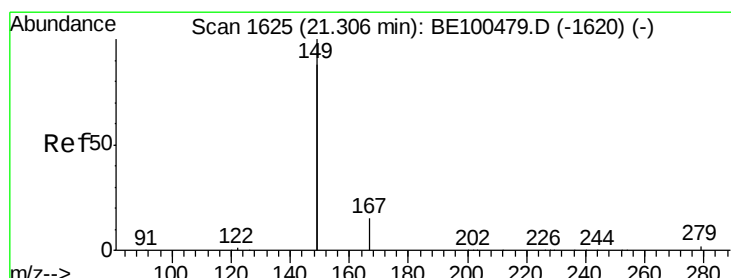
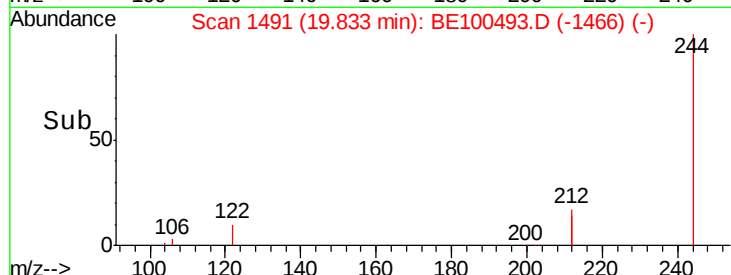
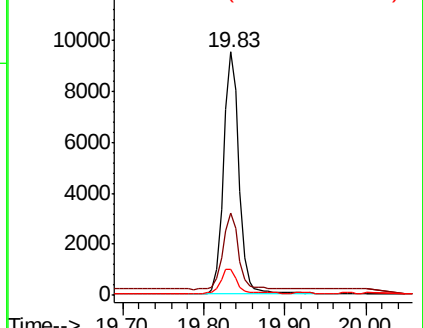
122 10.9 7.2 10.8#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

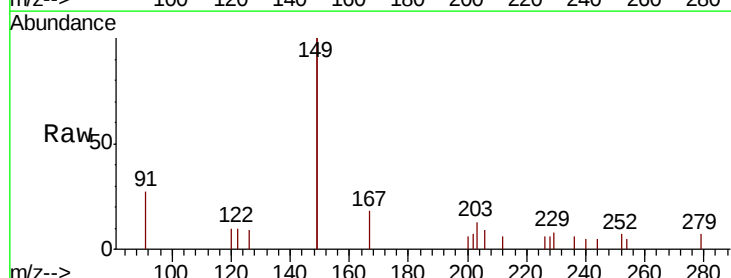
Tgt Ion:149 Resp: 2574

Ion Ratio Lower Upper

149 100

167 7.8 5.9 8.9

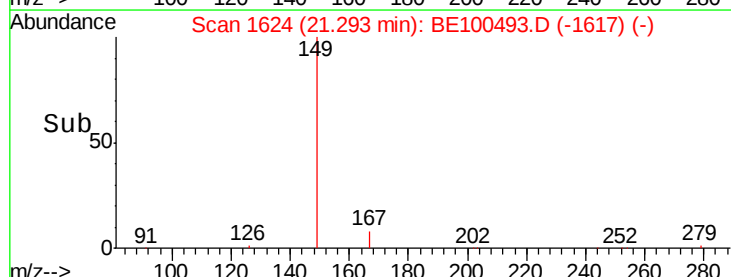
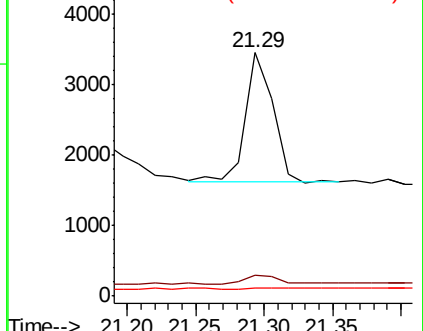
279 1.6 1.0 1.6#

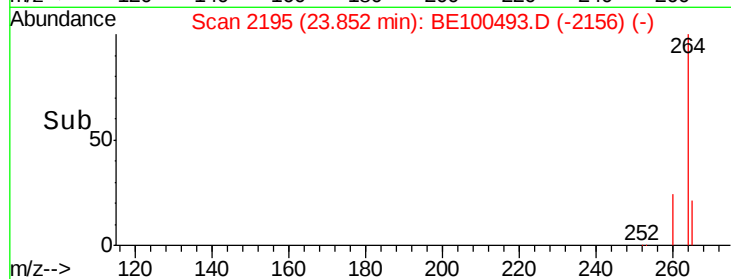
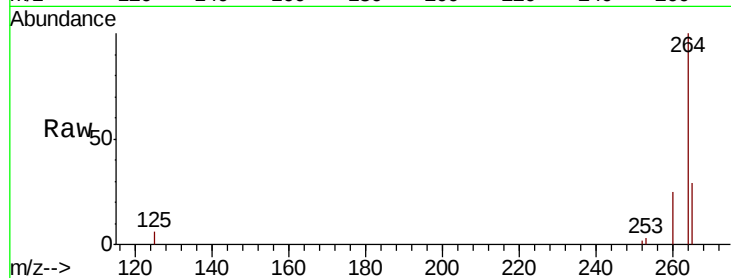
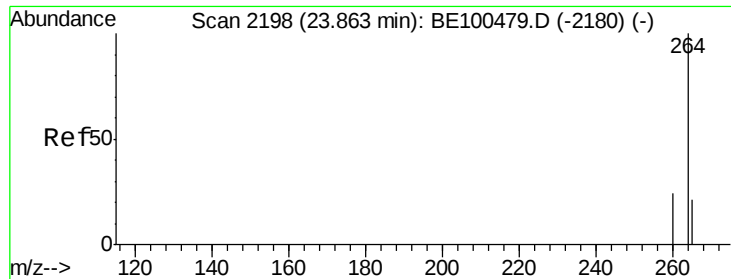


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100493.D

Acq: 23 Jul 2019 9:49

Instrument :

BNA_E

ClientSampleId :

PB121536BL

Tgt Ion: 264 Resp: 19931

Ion Ratio Lower Upper

264 100

260 25.4 20.7 31.1

265 28.6 23.4 35.2

