

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
 Data File : BE100635.D
 Acq On : 11 Oct 2019 10:50
 Operator : JU
 Sample : K4839-08DL 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 11 14:47:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 14:01:52 2019
 Response via : Initial Calibration

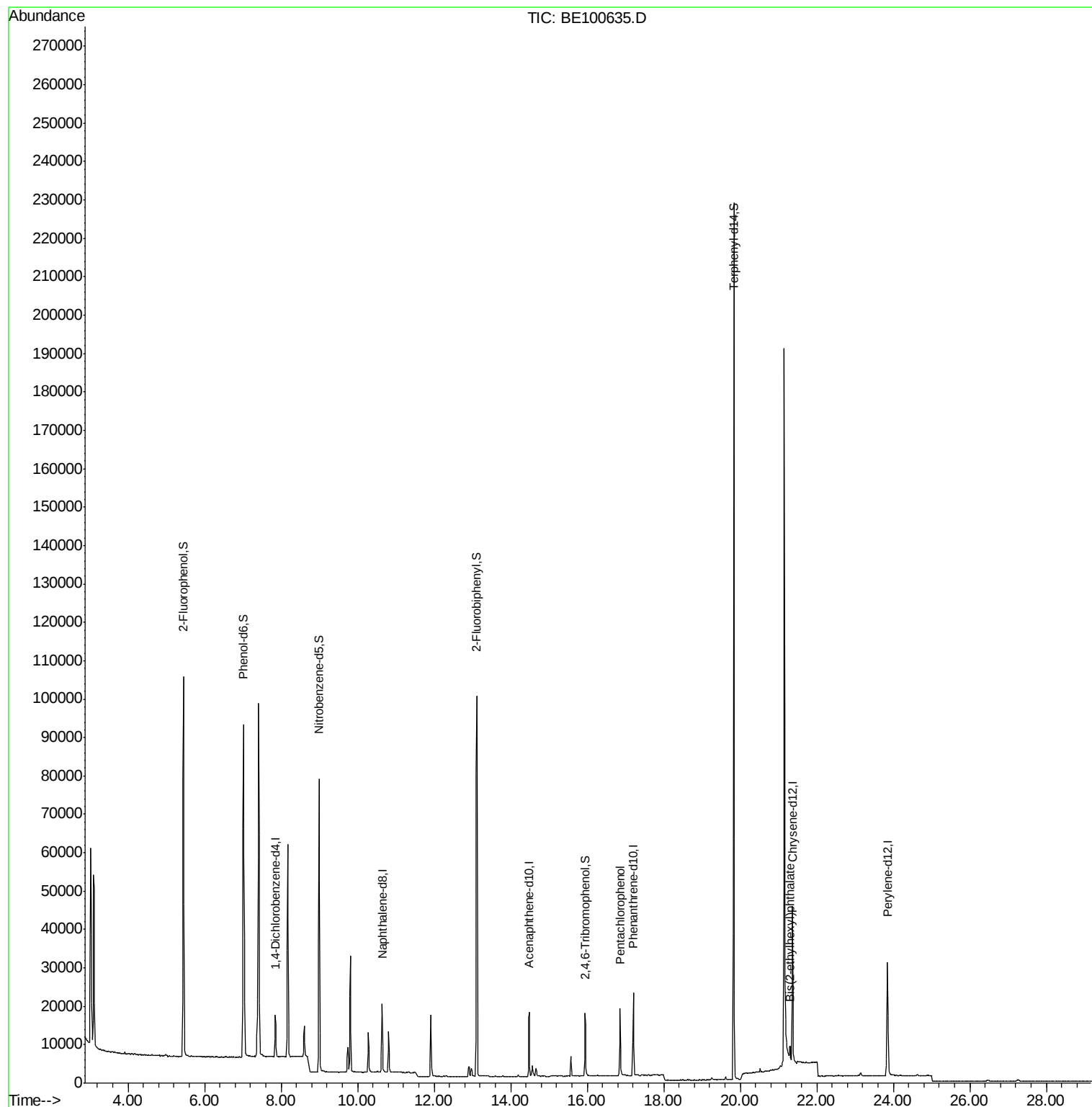
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5317	0.40	ng	-0.01
7) Naphthalene-d8	10.64	136	20523	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	11975	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	28030	0.40	ng	0.00
27) Chrysene-d12	21.37	240	40151	0.40	ng	0.00
34) Perylene-d12	23.85	264	44341	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	49016	2.99	ng	0.00
5) Phenol-d6	7.01	99	74370	3.21	ng	0.00
8) Nitrobenzene-d5	8.99	82	28134	2.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	52	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	10090	3.19	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	102485	2.35	ng	0.00
25) Fluoranthene-d10	19.23	212	179	0.00	ng	0.00
29) Terphenyl-d14	19.83	244	202135	2.30	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.85	266	8835	2.018	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	5634	0.021	ng	# 98

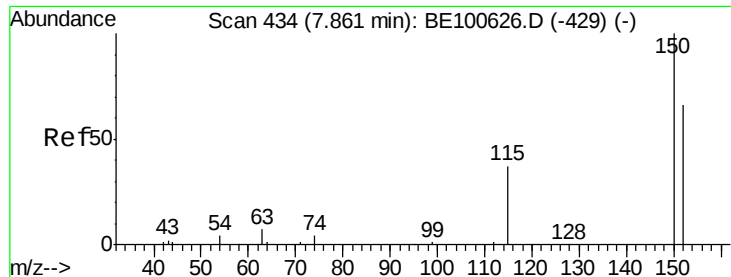
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

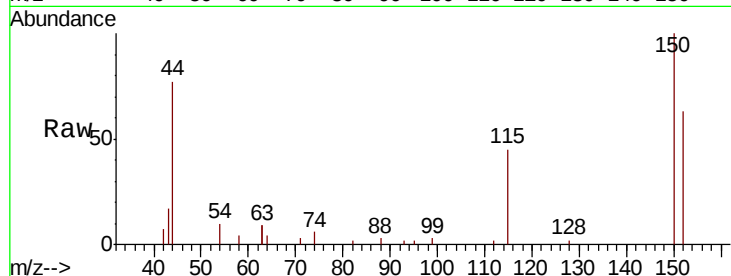
Tot Ion:152 Resp: 5317

Ion Ratio Lower Upper

152 100

150 159.4 120.7 181.1

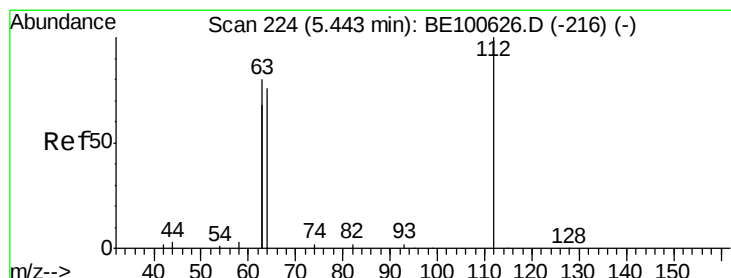
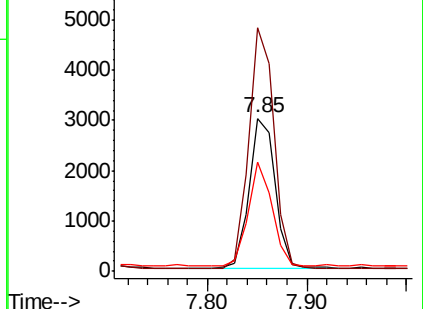
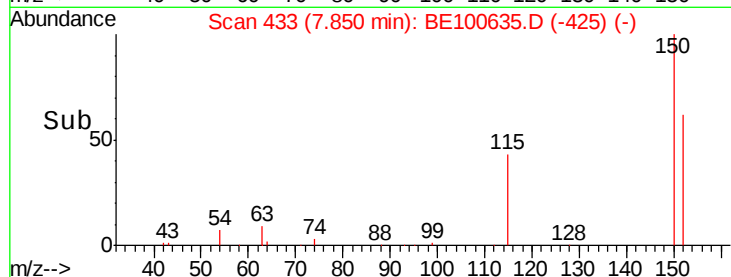
115 71.3 48.0 72.0



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



#4

2-Fluorophenol

Concen: 2.985 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

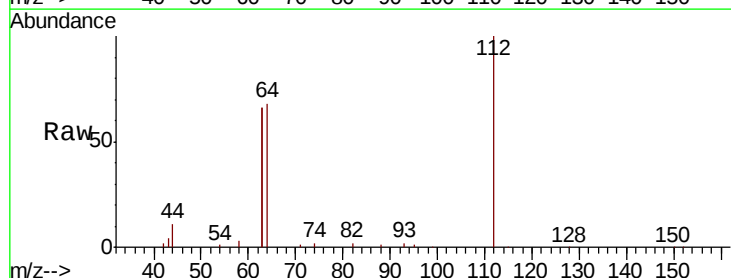
Tgt Ion:112 Resp: 49016

Ion Ratio Lower Upper

112 100

64 72.5 58.9 88.3

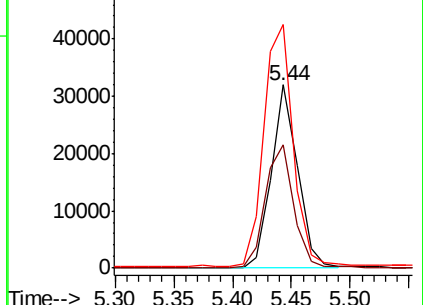
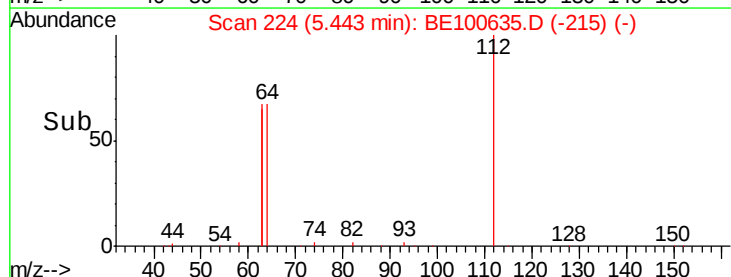
63 147.3 118.3 177.5

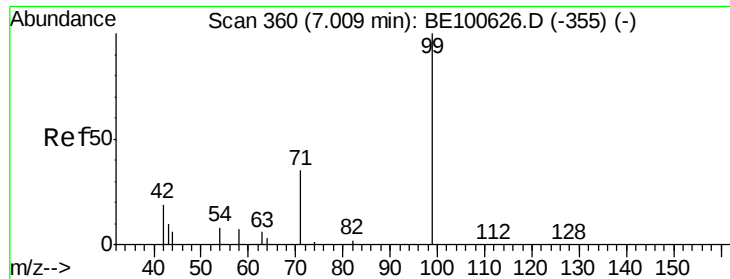


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 3.212 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

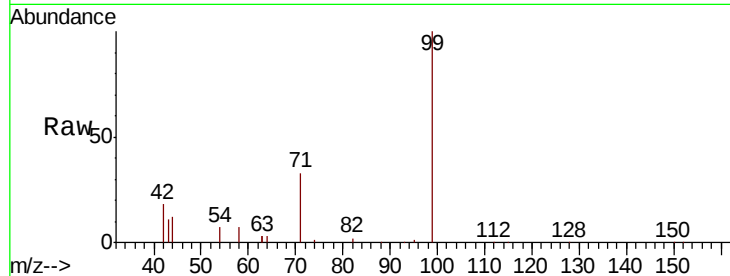
Tot Ion: 99 Resp: 74370

Ion Ratio Lower Upper

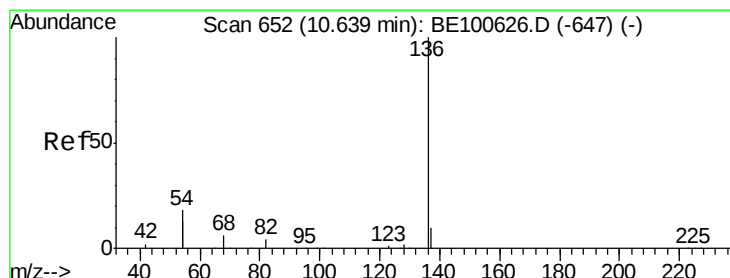
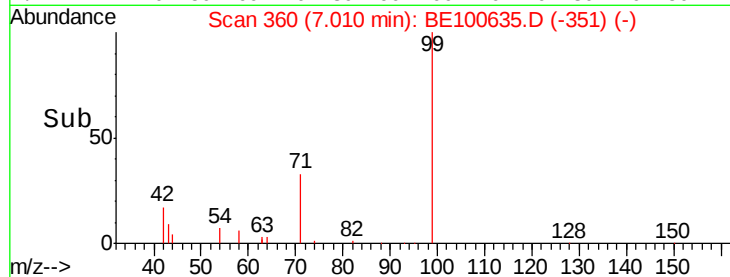
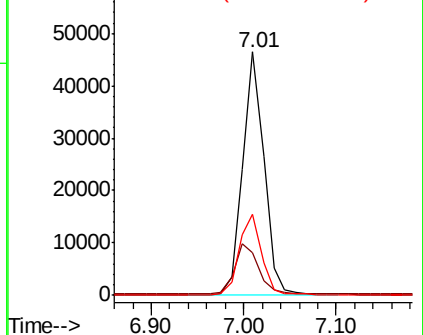
99 100

42 23.4 19.4 29.2

71 34.5 26.9 40.3



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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Tgt Ion: 136 Resp: 20523

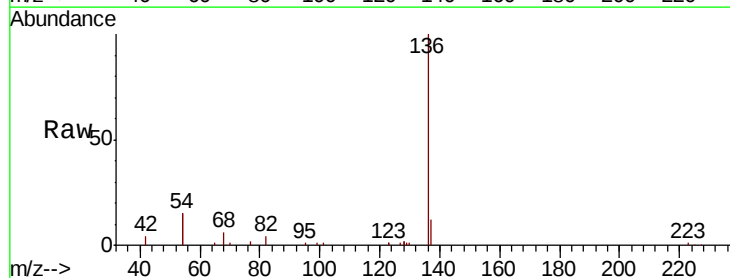
Ion Ratio Lower Upper

136 100

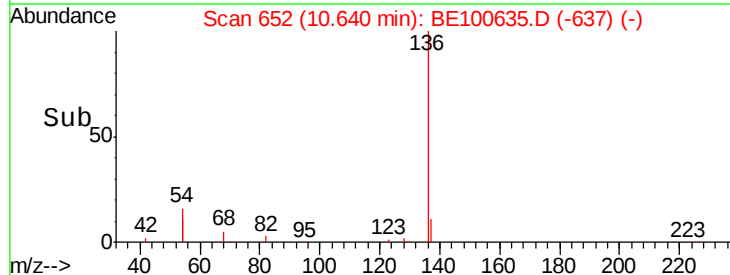
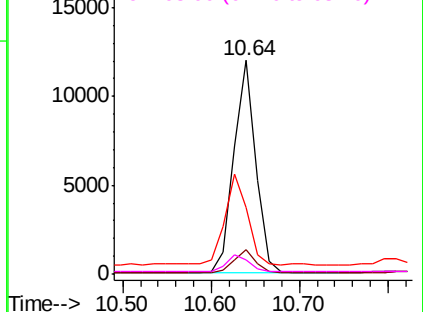
137 11.6 8.6 13.0

54 30.9 28.7 43.1

68 6.4 5.9 8.9



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: 2.212 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

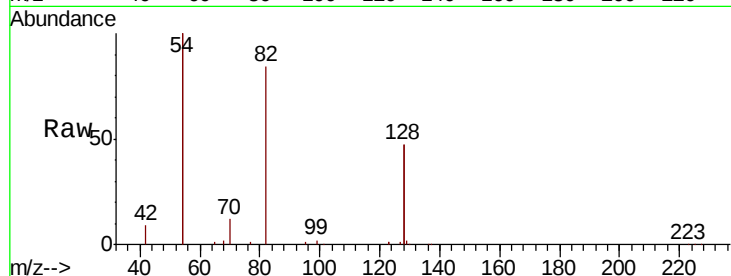
Tot Ion: 82 Resp: 28134

Ion Ratio Lower Upper

82 100

128 112.6 90.7 136.1

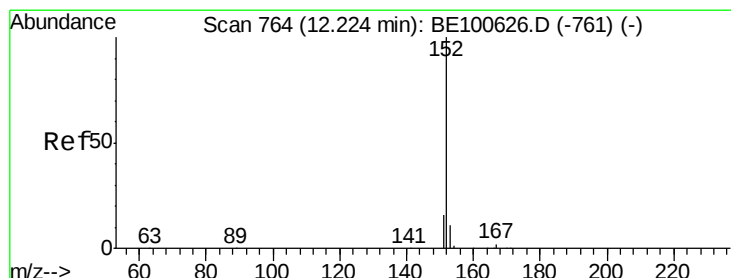
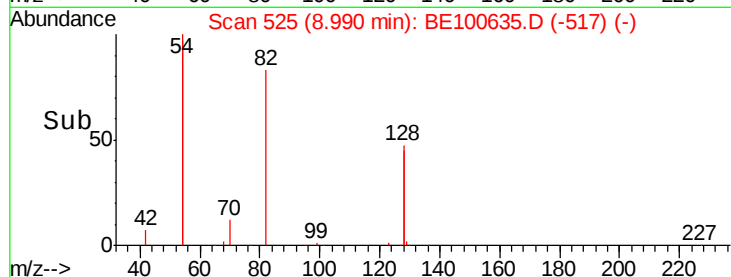
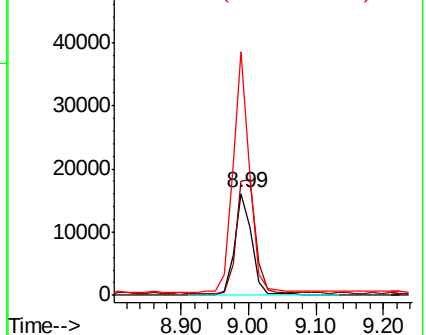
54 238.5 210.9 316.3



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: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100635.D

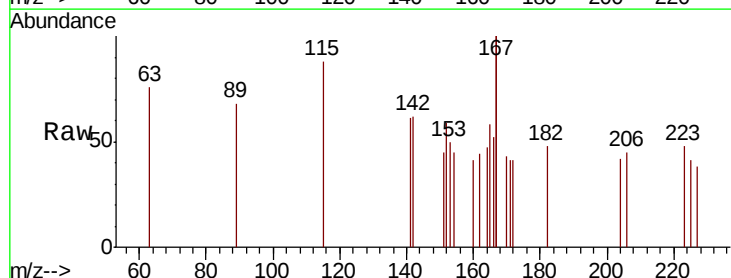
Acq: 11 Oct 2019 10:50

Tgt Ion: 152 Resp: 52

Ion Ratio Lower Upper

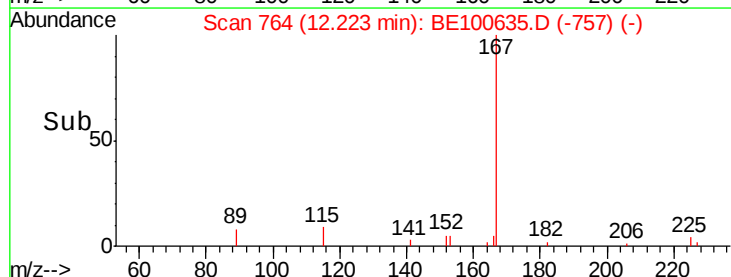
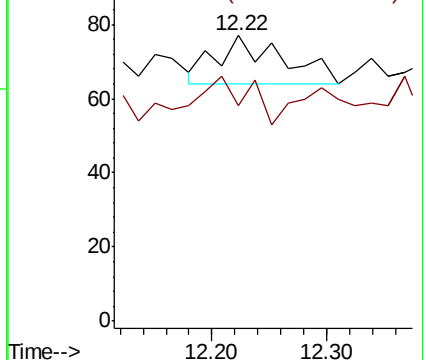
152 100

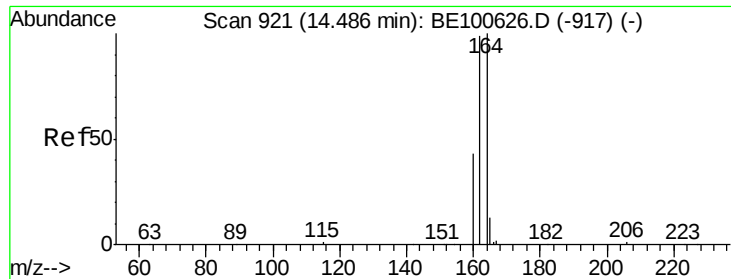
151 73.1 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

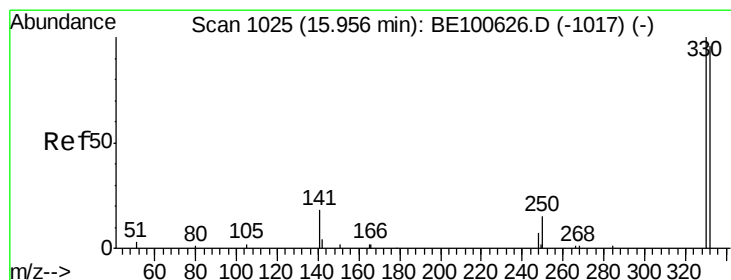
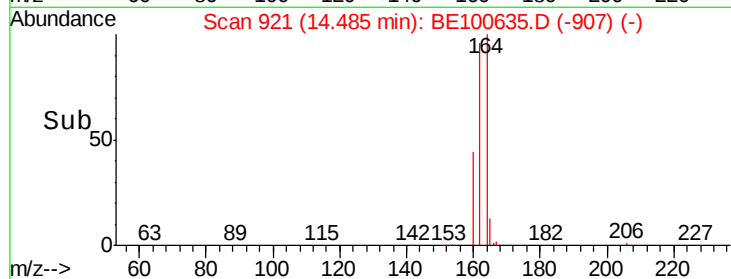
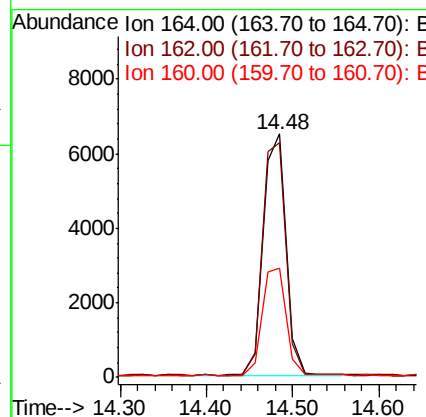
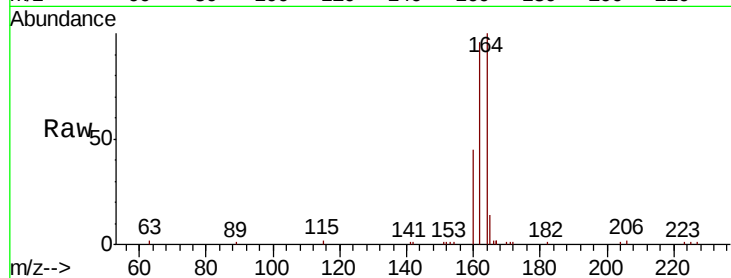




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100635.D
Acq: 11 Oct 2019 10:50

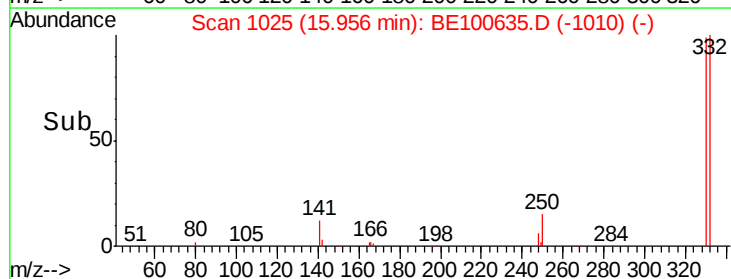
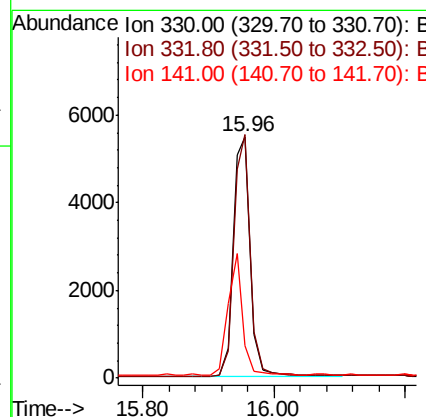
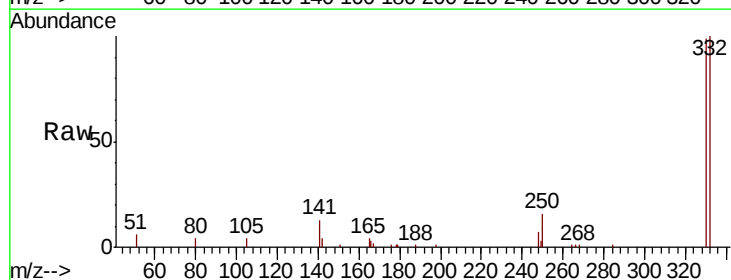
Instrument :
BNA_E
ClientSampleId :
PT-ACIDS-WPDL

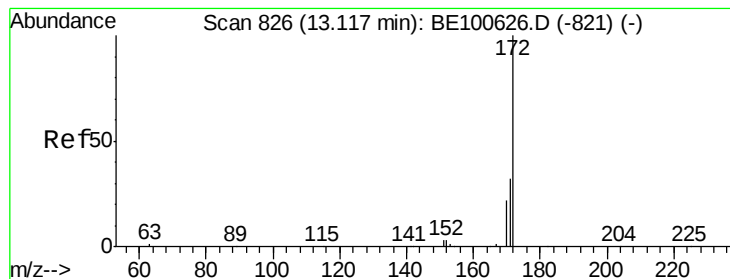
Tot Ion:164 Resp: 11975
Ion Ratio Lower Upper
164 100
162 96.1 79.1 118.7
160 44.7 34.7 52.1



#14
2,4,6-Tribromophenol
Concen: 3.189 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100635.D
Acq: 11 Oct 2019 10:50

Tgt Ion:330 Resp: 10090
Ion Ratio Lower Upper
330 100
332 97.6 75.2 112.8
141 42.6 37.5 56.3





#15

2-Fluorobiphenyl

Concen: 2.349 ng

RT: 13.12 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

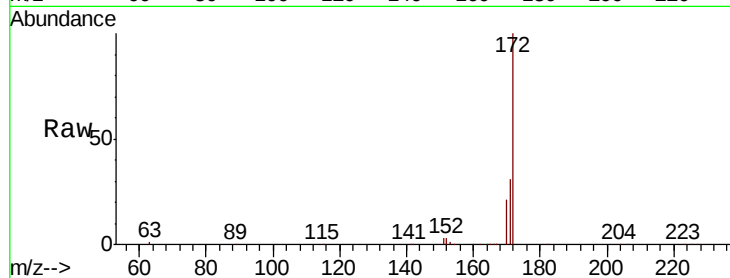
Tot Ion:172 Resp: 102485

Ion Ratio Lower Upper

172 100

171 31.5 26.2 39.4

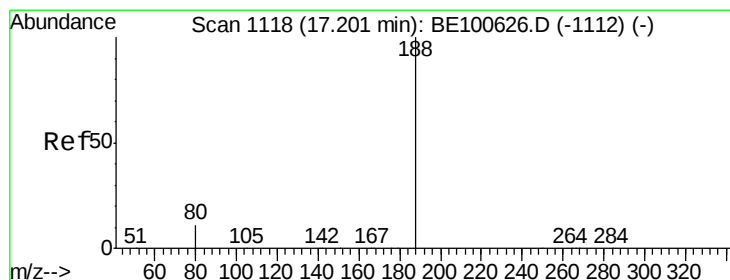
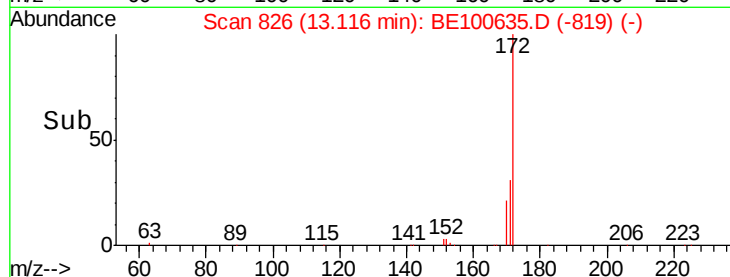
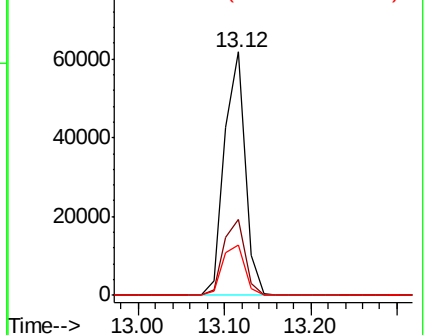
170 20.9 17.5 26.3



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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

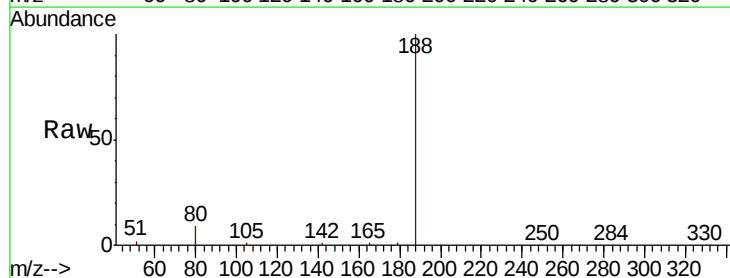
Tgt Ion:188 Resp: 28030

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

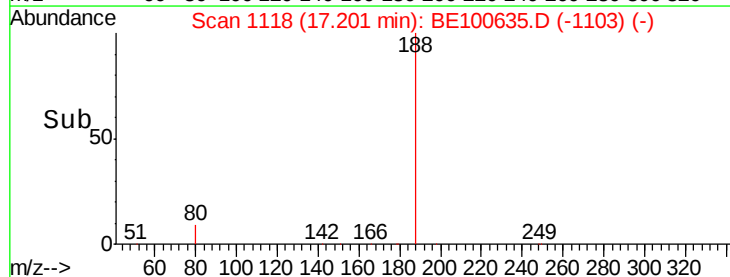
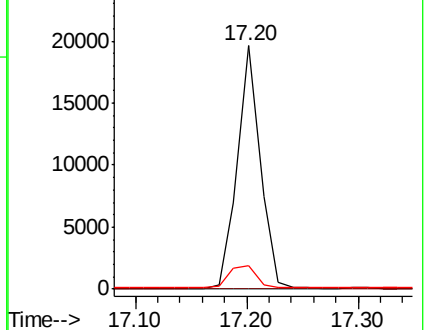
80 9.5 9.4 14.2

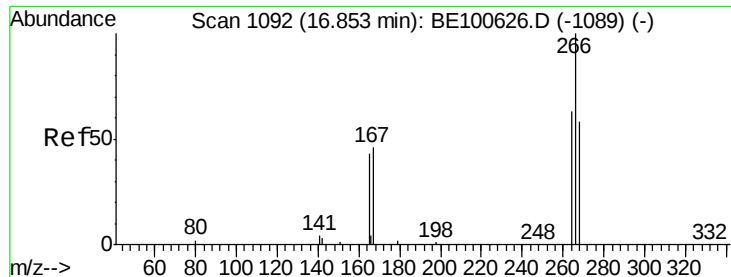


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 2.018 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Instrument :

BNA_E

ClientSampleId :

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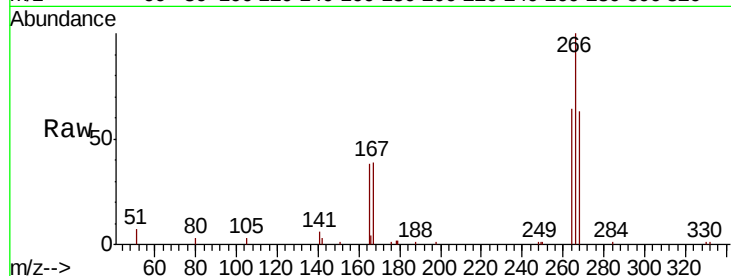
Tot Ion:266 Resp: 8835

Ion Ratio Lower Upper

266 100

264 63.6 50.7 76.1

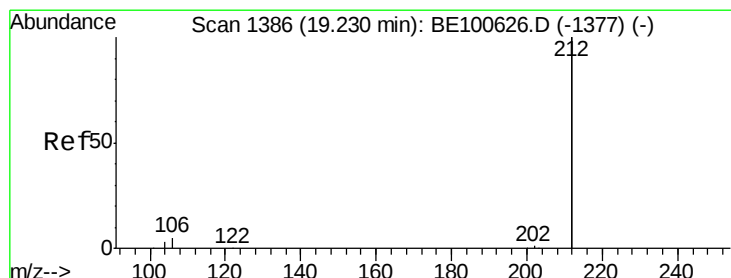
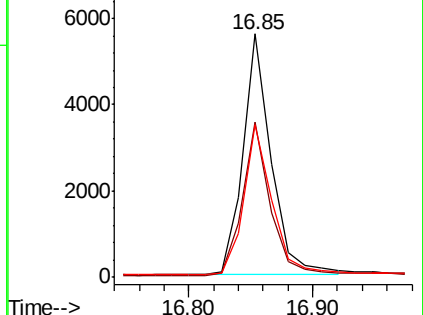
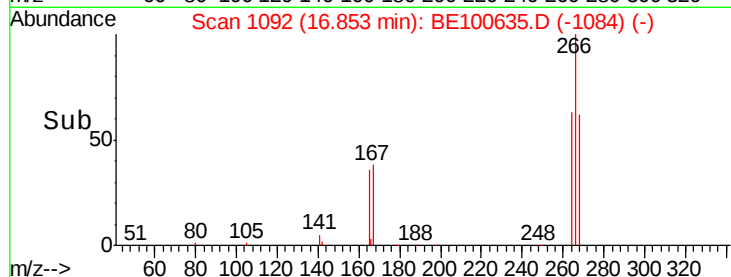
268 62.7 48.5 72.7



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: 0.000 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

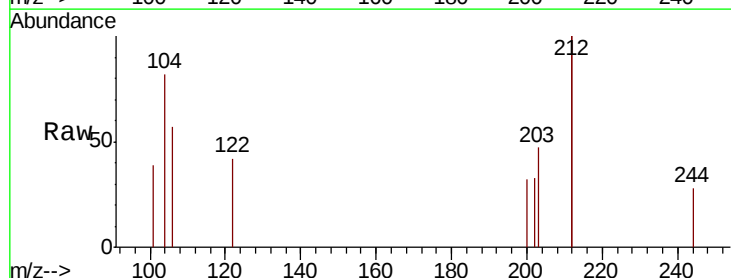
Tgt Ion:212 Resp: 179

Ion Ratio Lower Upper

212 100

106 8.4 2.2 3.4#

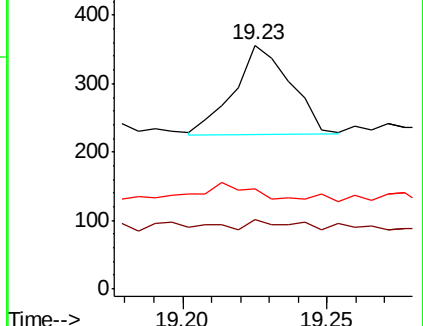
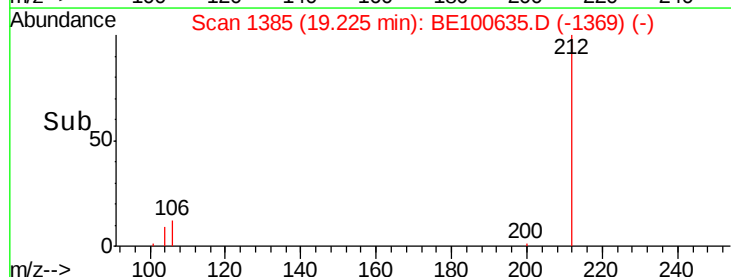
104 34.1 1.3 1.9#

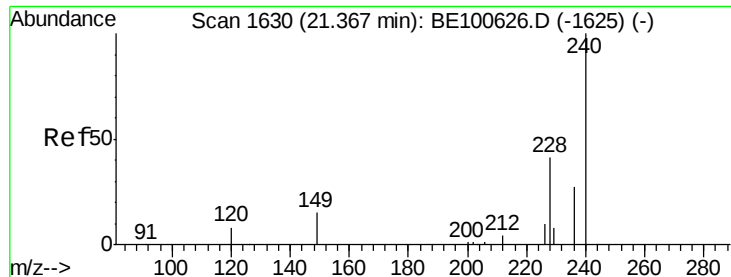


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

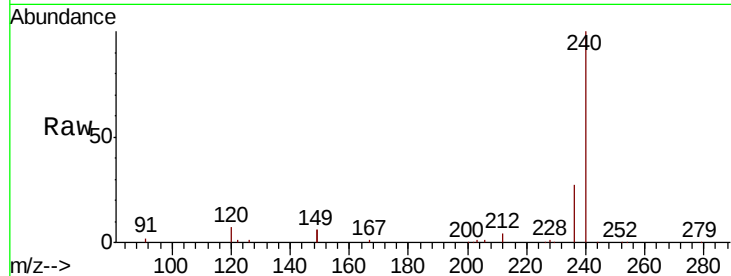




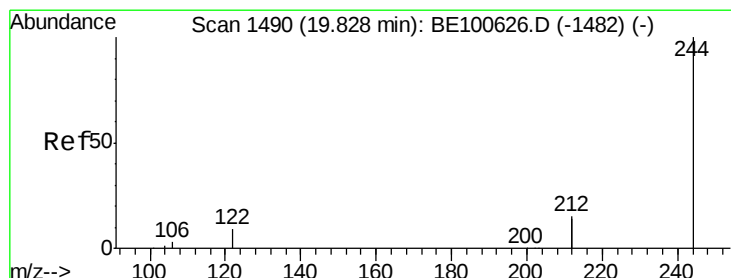
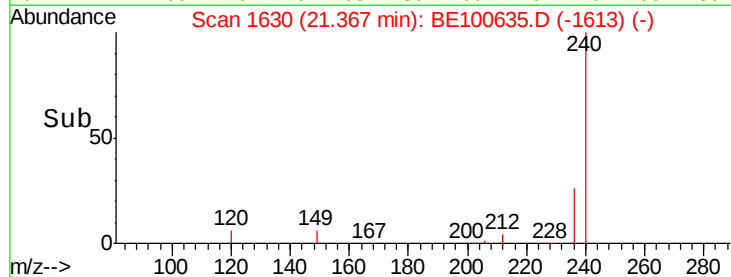
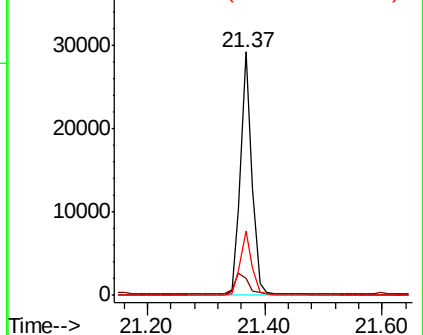
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE100635.D
 Acq: 11 Oct 2019 10:50

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:240 Resp: 40151
 Ion Ratio Lower Upper
 240 100
 120 7.0 7.4 11.0#
 236 26.6 21.7 32.5

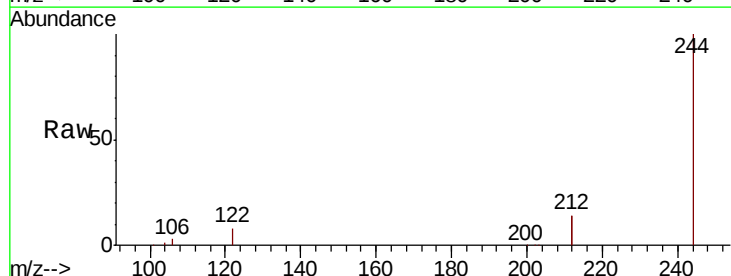


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

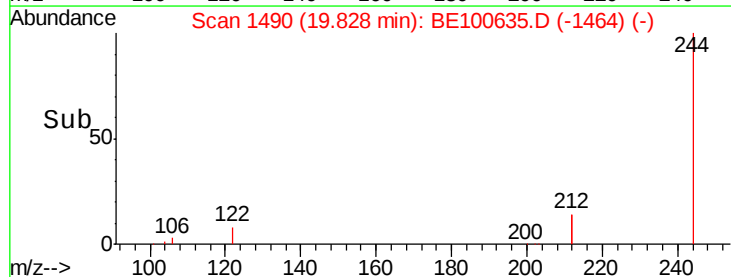
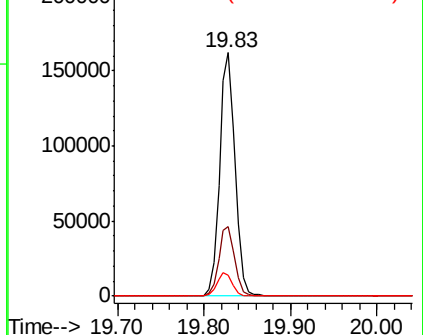


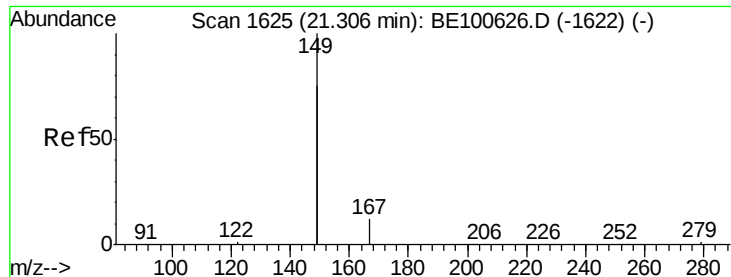
#29
 Terphenyl-d14
 Concen: 2.303 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BE100635.D
 Acq: 11 Oct 2019 10:50

Tgt Ion:244 Resp: 202135
 Ion Ratio Lower Upper
 244 100
 212 28.5 23.9 35.9
 122 8.5 7.7 11.5



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: 0.021 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

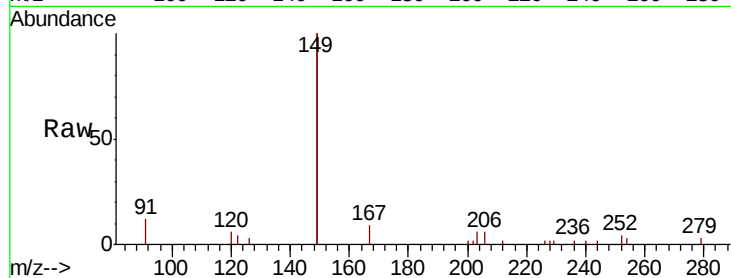
Tot Ion:149 Resp: 5634

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.2

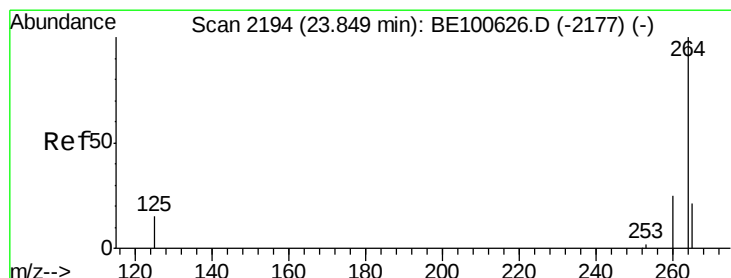
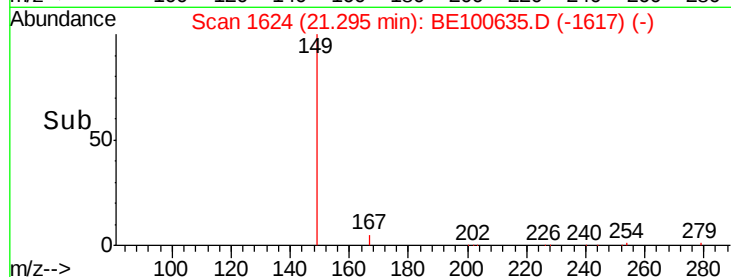
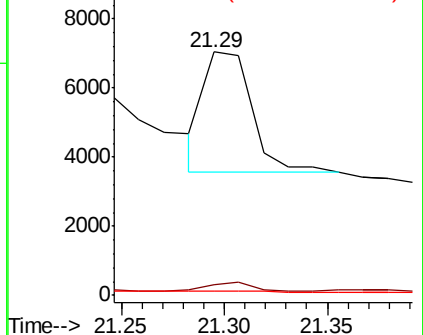
279 1.4 1.5 2.3#



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# 2194

Delta R.T. -0.00 min

Lab File: BE100635.D

Acq: 11 Oct 2019 10:50

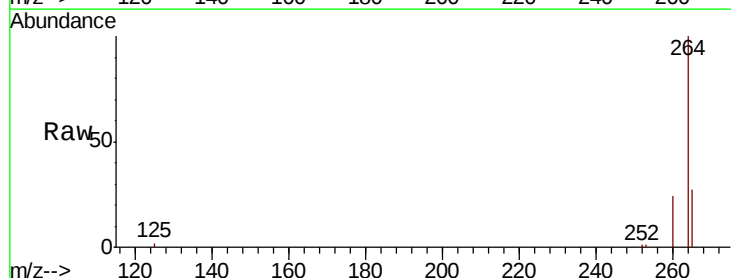
Tgt Ion:264 Resp: 44341

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 27.0 20.0 30.0



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

