

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100807.D
 Acq On : 10 Dec 2019 12:11
 Operator : JU
 Sample : PB125315BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125315BL

Quant Time: Dec 10 14:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

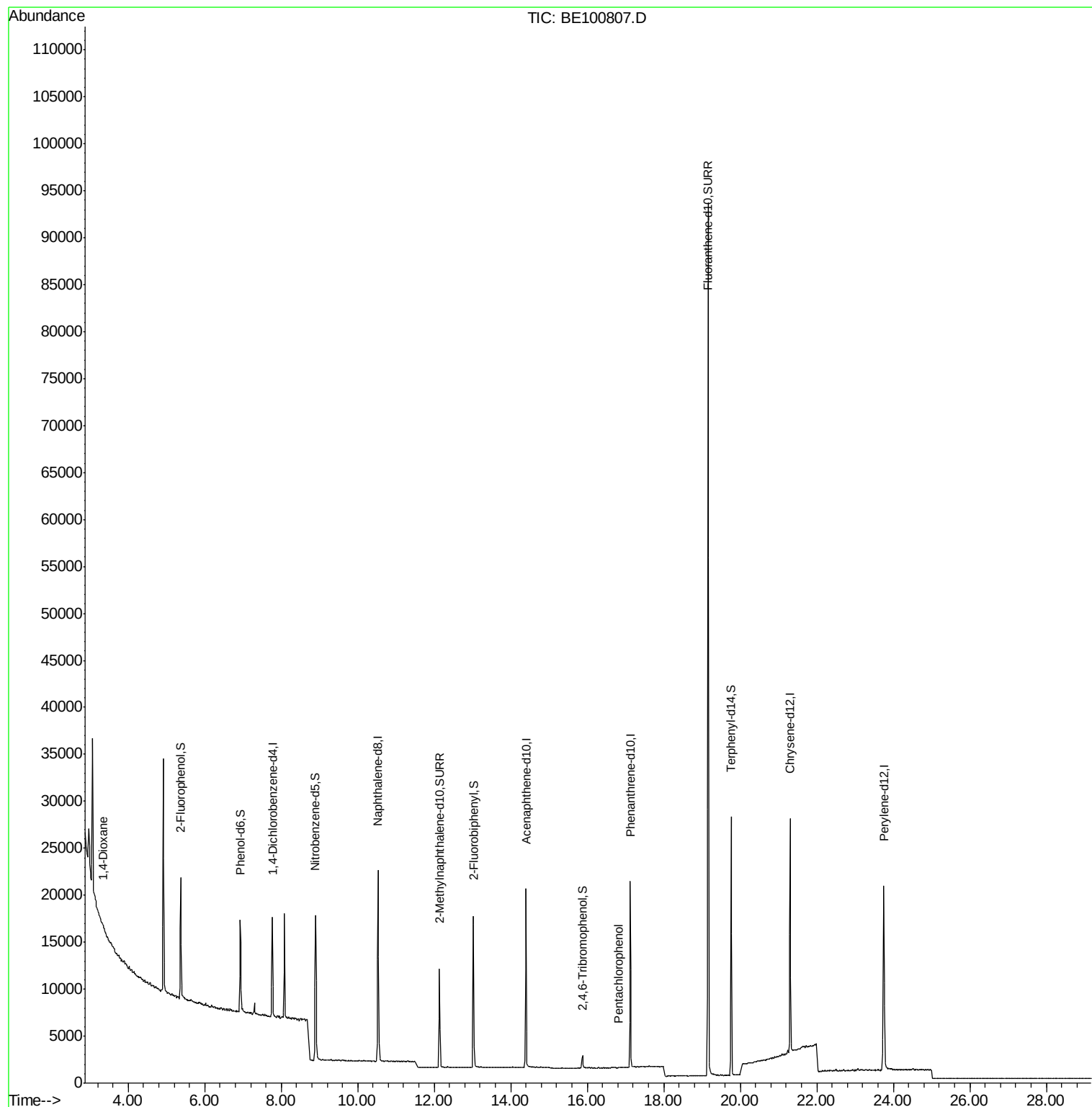
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5390	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22417	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11149	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	26049	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	23864	0.40	ng	0.00
34) Perylene-d12	23.75	264	29217	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6192	0.48	ng	0.00
5) Phenol-d6	6.93	99	9328	0.48	ng	0.00
8) Nitrobenzene-d5	8.90	82	6168	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13627	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	855	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	17766	0.40	ng	0.00
25) Fluoranthene-d10	19.16	212	124227	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	23668	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	385	0.039	ng	# 26
22) Pentachlorophenol	16.81	266	20	0.021	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.24	149	890	Below Cal		# 93

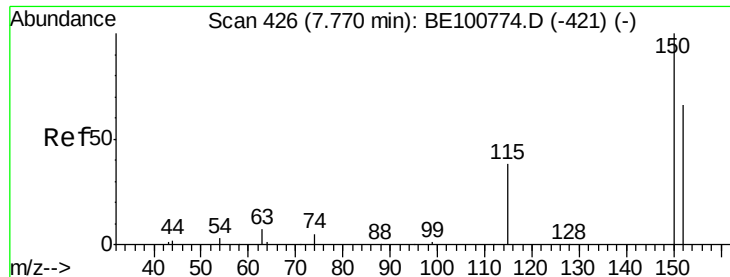
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

BNA_E

ClientSampleId :

PB125315BL

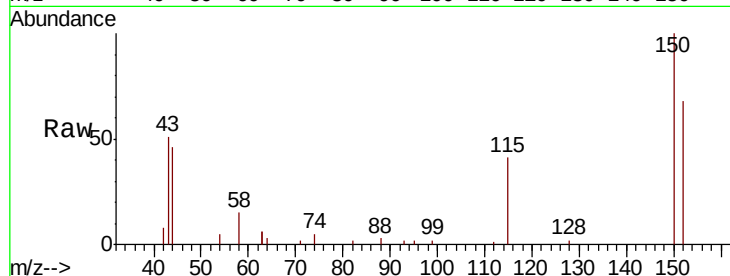
Tot Ion:152 Resp: 5390

Ion Ratio Lower Upper

152 100

150 146.6 120.6 181.0

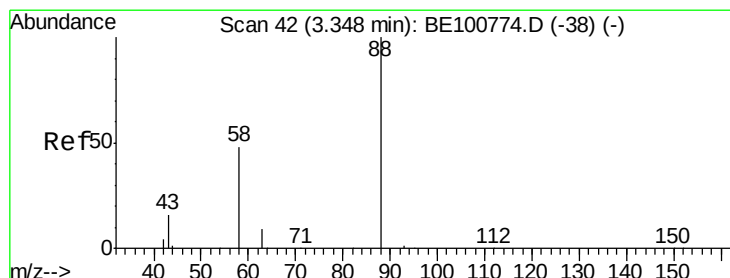
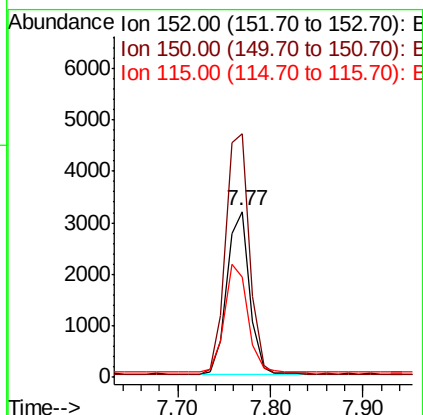
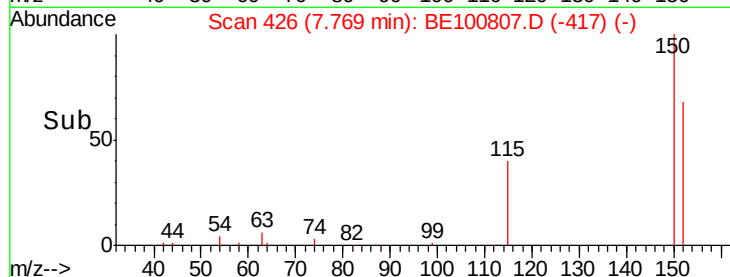
115 60.4 47.4 71.2



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: 0.039 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

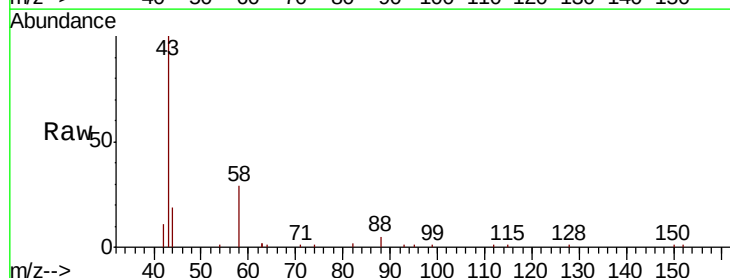
Tgt Ion: 88 Resp: 385

Ion Ratio Lower Upper

88 100

58 0.0 52.5 78.7#

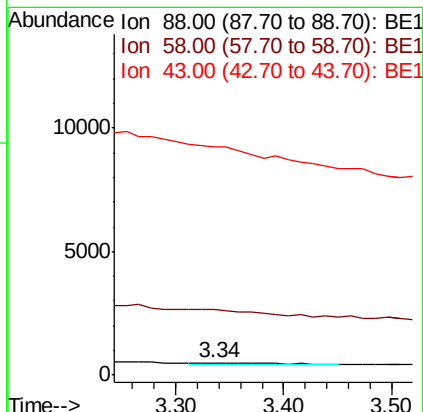
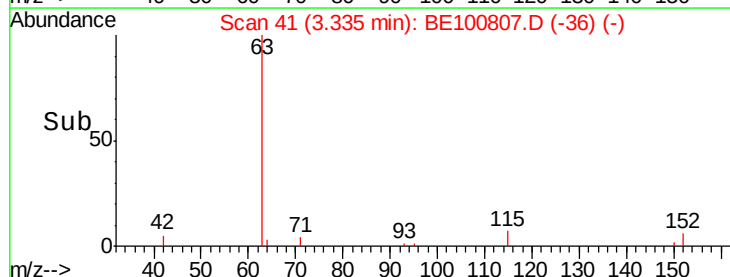
43 0.0 23.0 34.6#

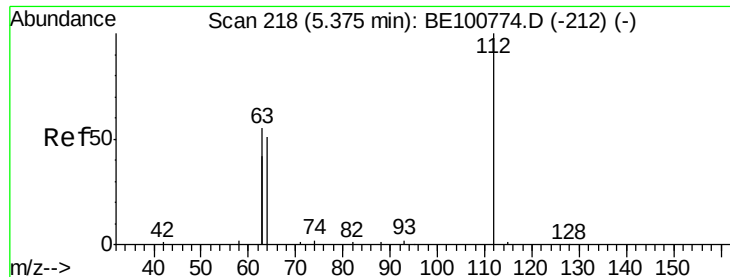


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.484 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

BNA_E

ClientSampleId :

PB125315BL

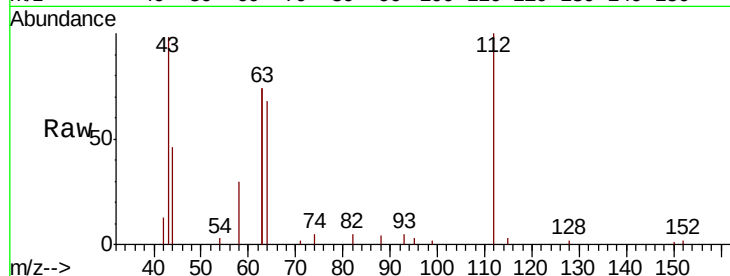
Tot Ion:112 Resp: 6192

Ion Ratio Lower Upper

112 100

64 68.1 54.1 81.1

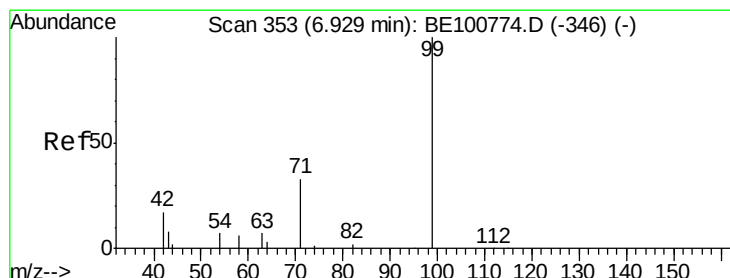
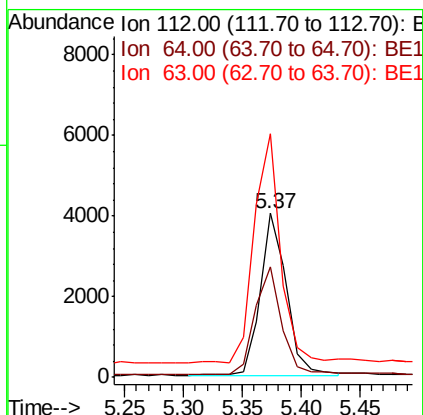
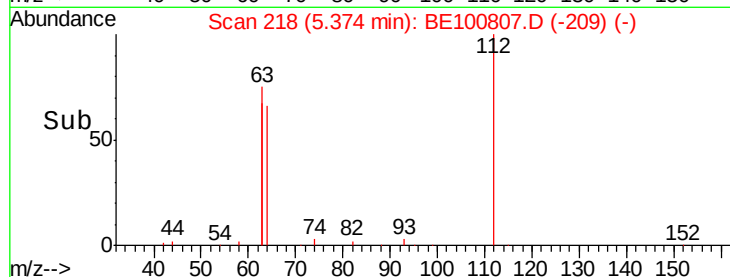
63 143.5 113.2 169.8



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: 0.483 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

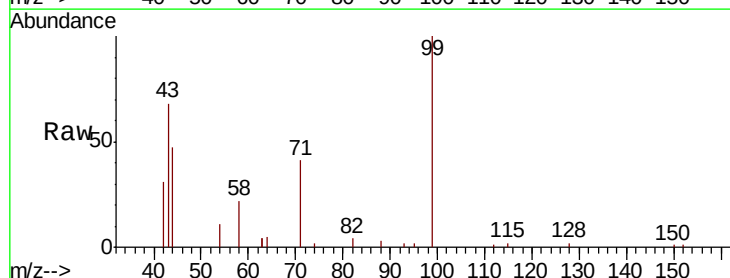
Tgt Ion: 99 Resp: 9328

Ion Ratio Lower Upper

99 100

42 22.8 19.1 28.7

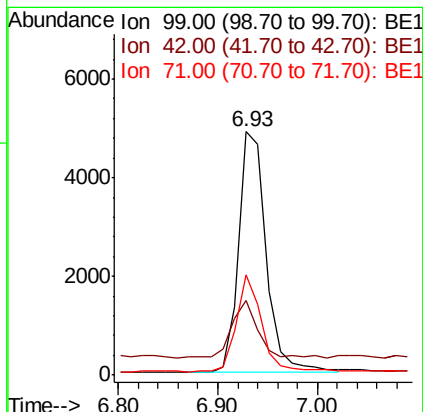
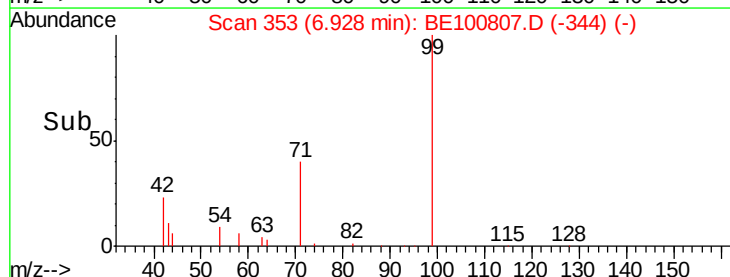
71 36.7 27.7 41.5

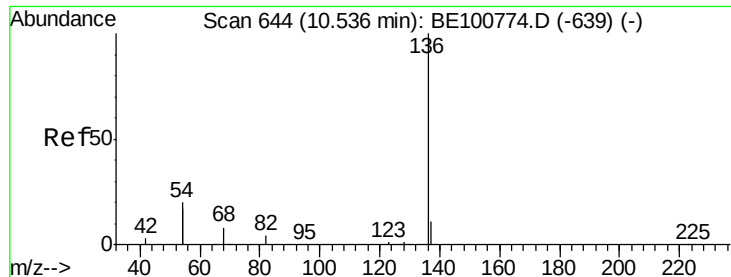


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

BNA_E

ClientSampleId :

PB125315BL

Tot Ion:136 Resp: 22417

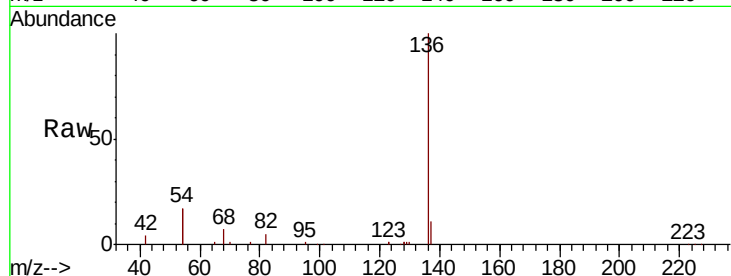
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 33.9 31.1 46.7

68 7.0 6.6 10.0

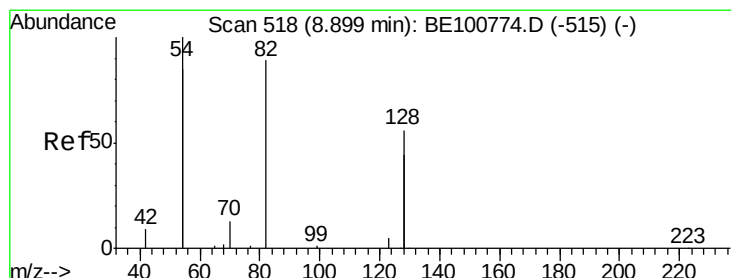
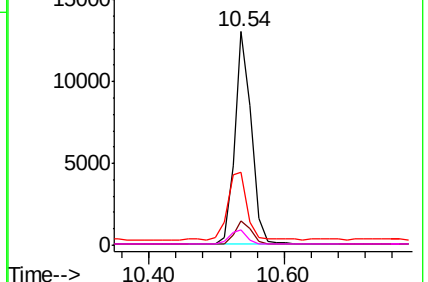
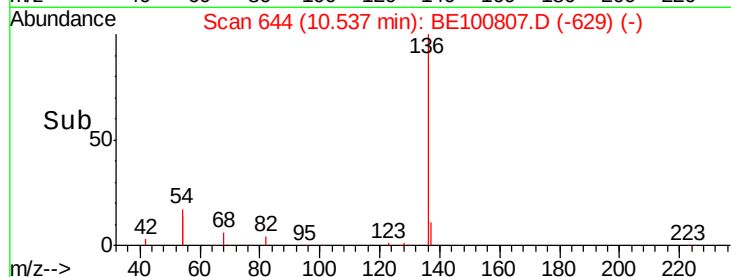


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.578 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

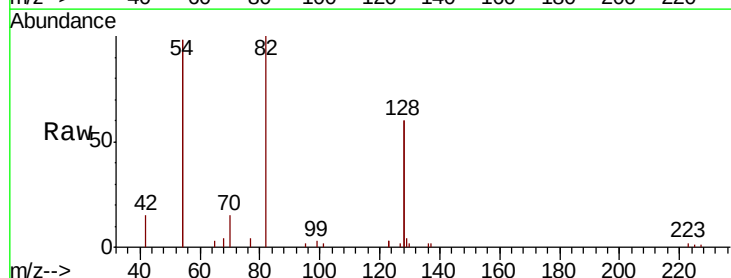
Tgt Ion: 82 Resp: 6168

Ion Ratio Lower Upper

82 100

128 119.5 97.0 145.4

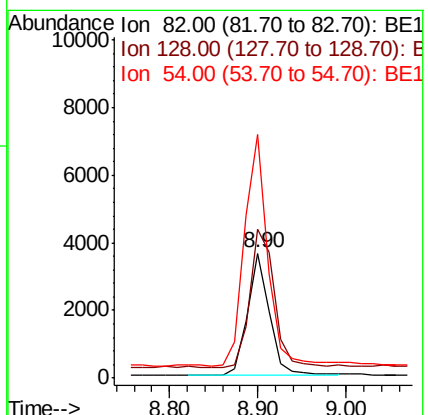
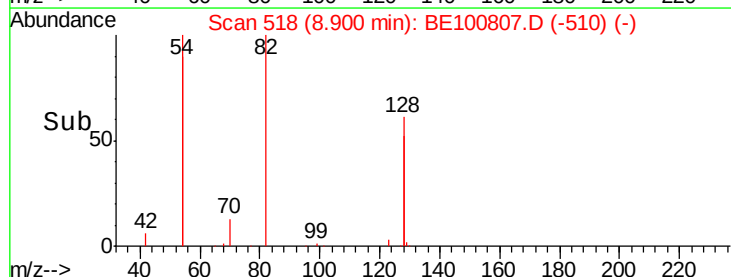
54 195.1 171.8 257.6

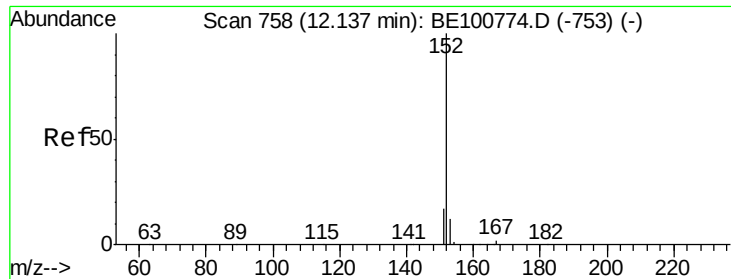


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

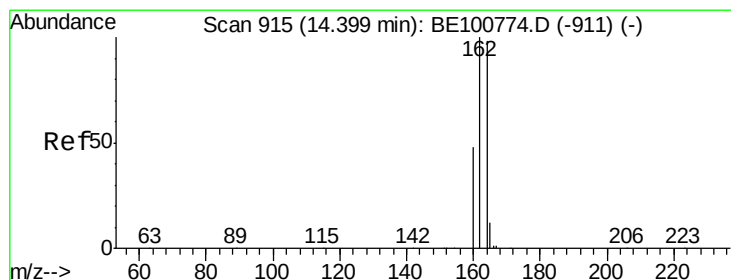
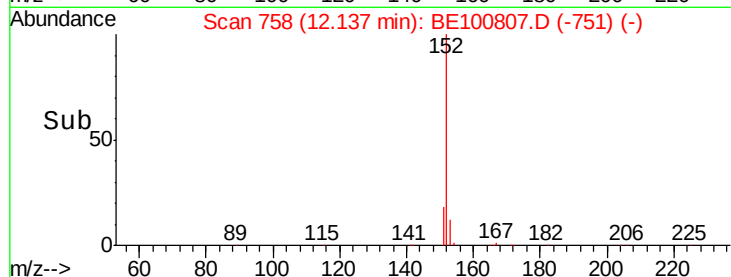
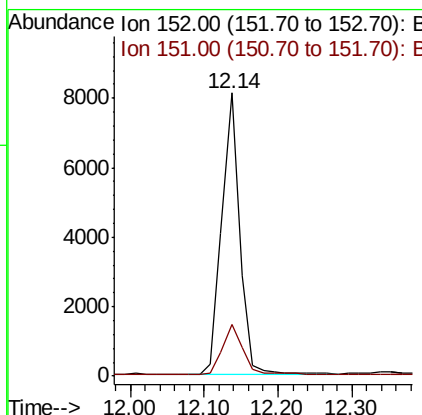
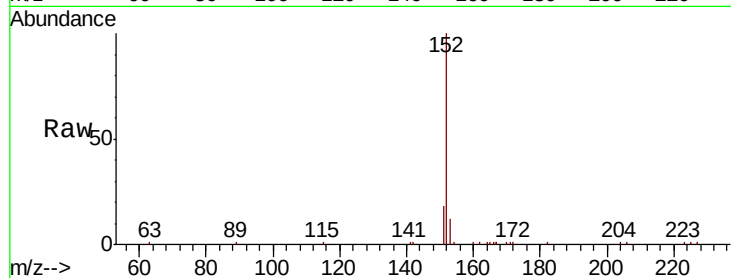




#11
 2-Methylnaphthalene-d10
 Concen: 0.420 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100807.D
 Acq: 10 Dec 2019 12:11

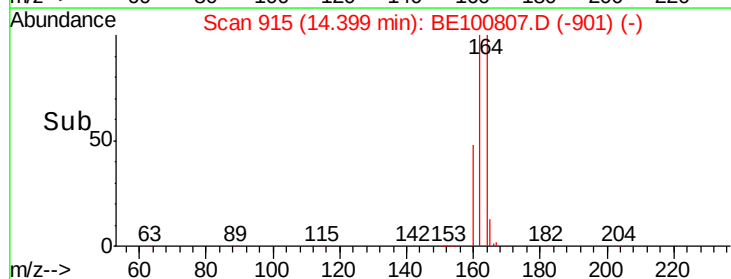
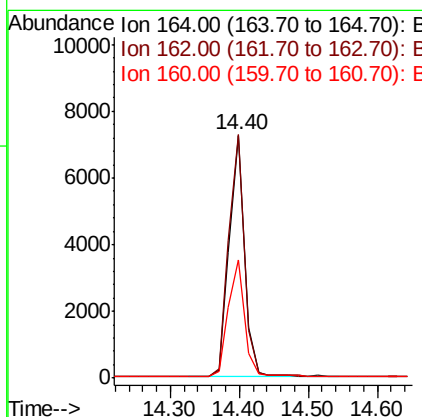
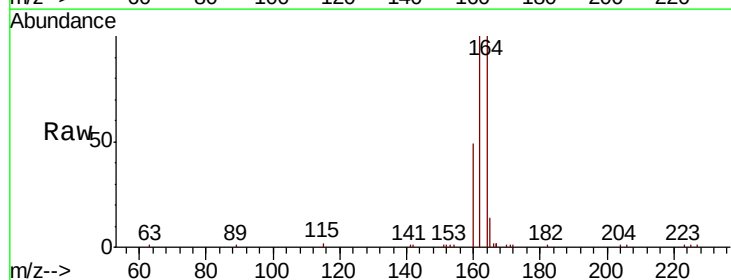
Instrument :
 BNA_E
 ClientSampleId :
 PB125315BL

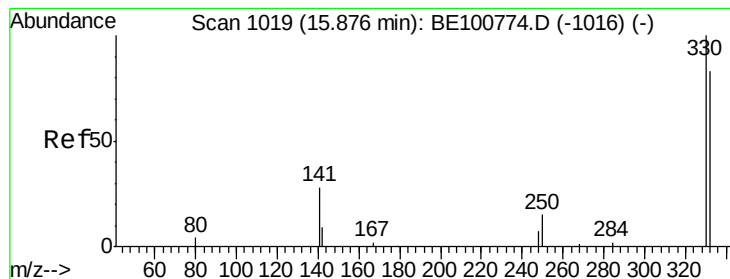
Tot Ion:152 Resp: 13627
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100807.D
 Acq: 10 Dec 2019 12:11

Tgt Ion:164 Resp: 11149
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.4 122.0
 160 48.7 39.4 59.0

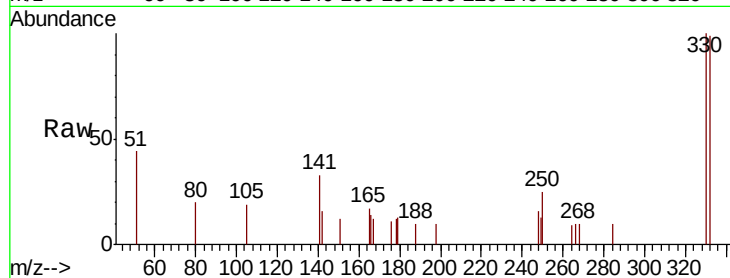




#14
 2,4,6-Tribromophenol
 Concen: 0.690 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100807.D
 Acq: 10 Dec 2019 12:11

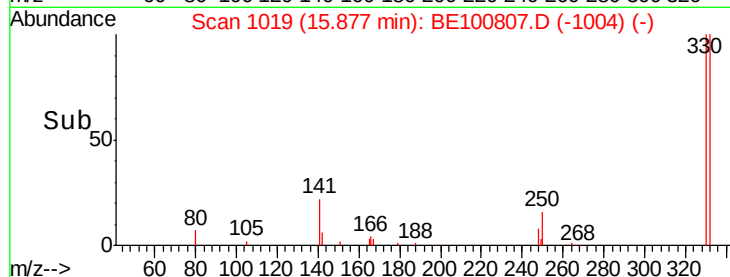
Instrument :
 BNA_E
 ClientSampleId :
 PB125315BL

Tot Ion:330 Resp: 855
 Ion Ratio Lower Upper
 330 100
 332 96.3 69.4 104.2
 141 51.5 51.1 76.7

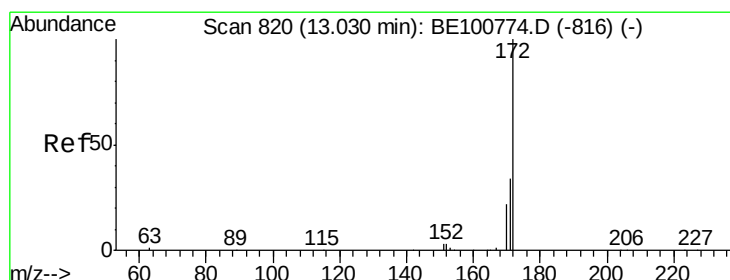


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

15.88

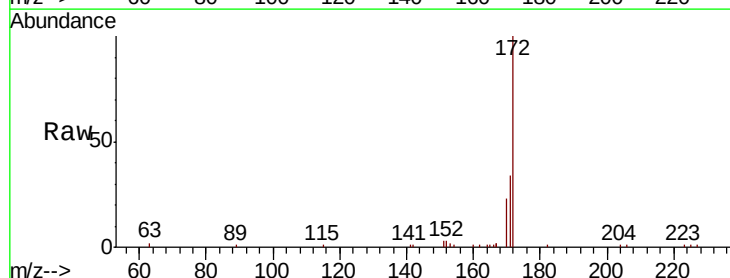


Time-->



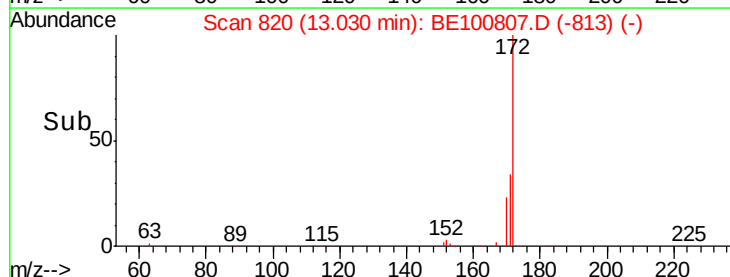
#15
 2-Fluorobiphenyl
 Concen: 0.402 ng
 RT: 13.03 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE100807.D
 Acq: 10 Dec 2019 12:11

Tgt Ion:172 Resp: 17766
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.2 40.8
 170 23.0 18.0 27.0

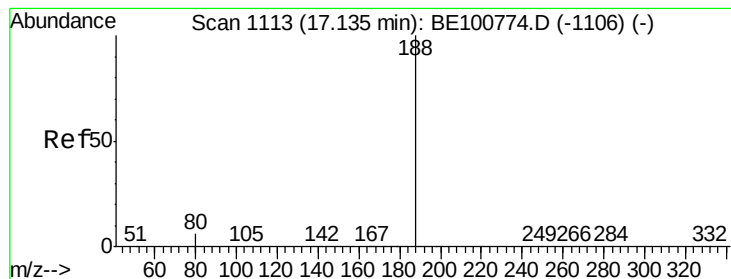


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

13.03



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

BNA_E

ClientSampleId :

PB125315BL

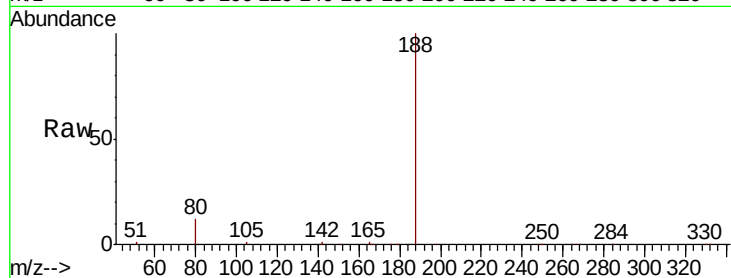
Tot Ion:188 Resp: 26049

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

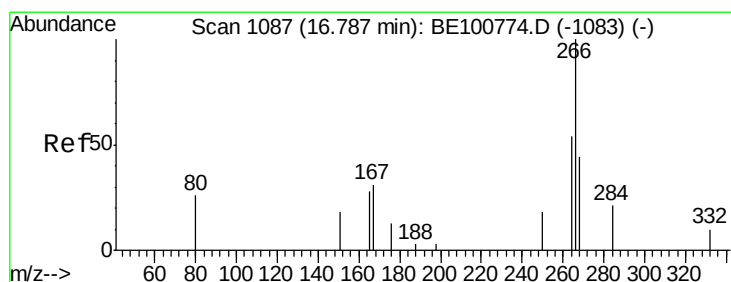
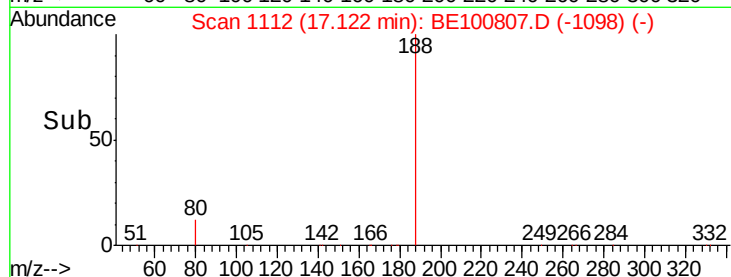
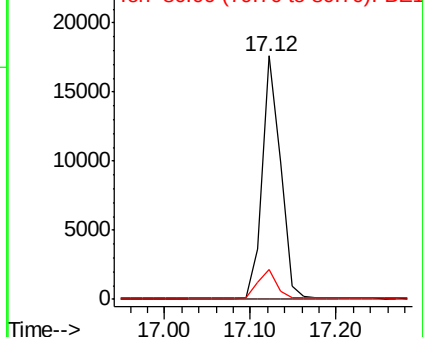
80 12.5 5.2 7.8#



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: 0.021 ng

RT: 16.81 min Scan# 1089

Delta R.T. 0.03 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

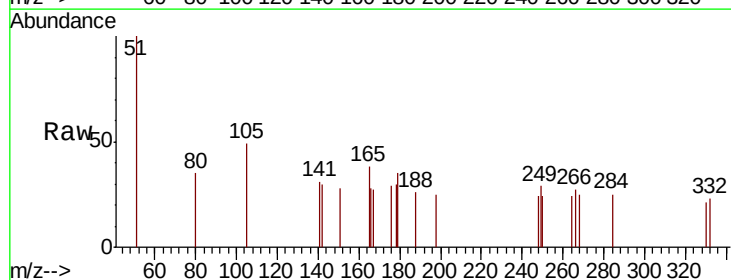
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 88.3 63.4 95.0

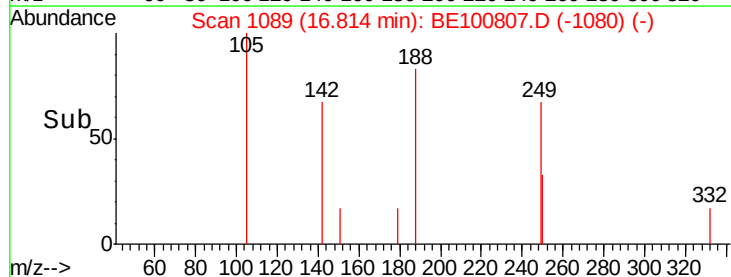
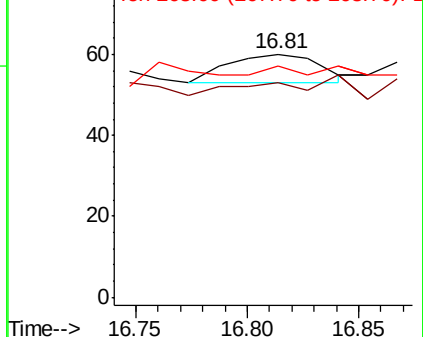
268 95.0 65.8 98.8

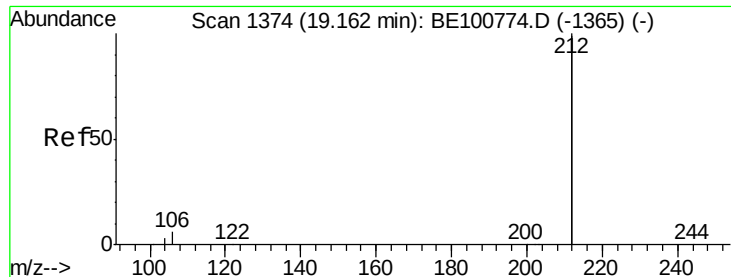


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

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PB125315BL

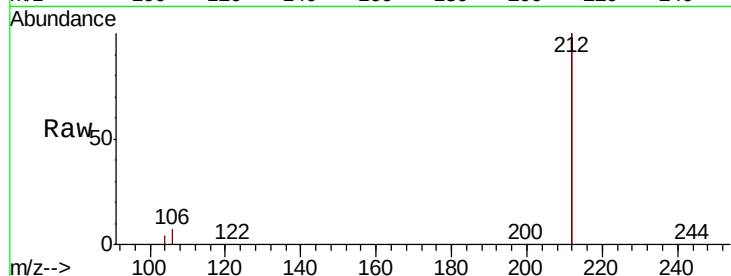
Tot Ion:212 Resp: 124227

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

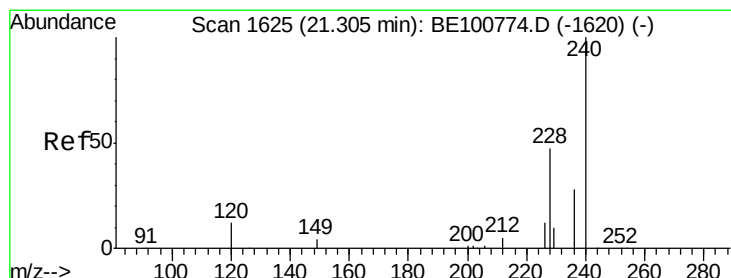
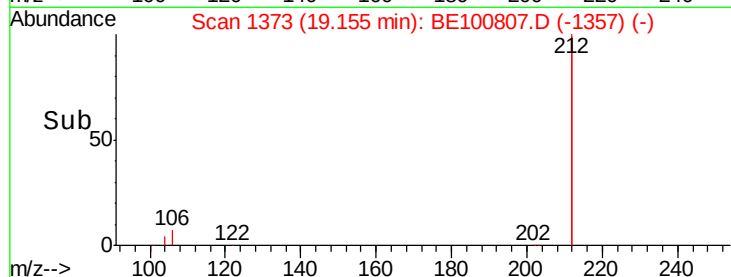
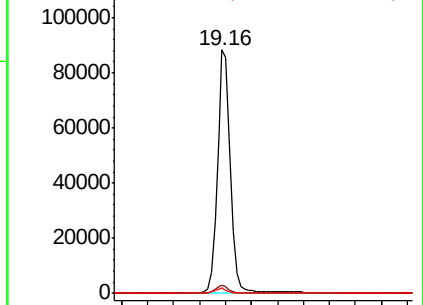
104 1.8 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

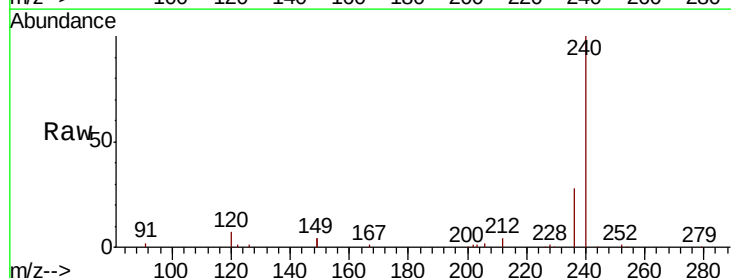
Tgt Ion:240 Resp: 23864

Ion Ratio Lower Upper

240 100

120 7.5 10.2 15.2#

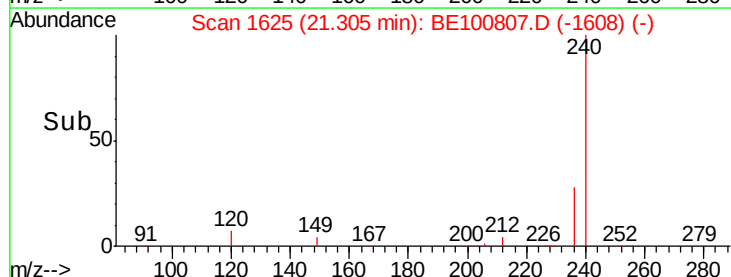
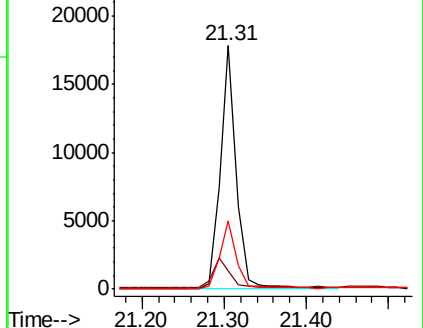
236 27.9 22.3 33.5

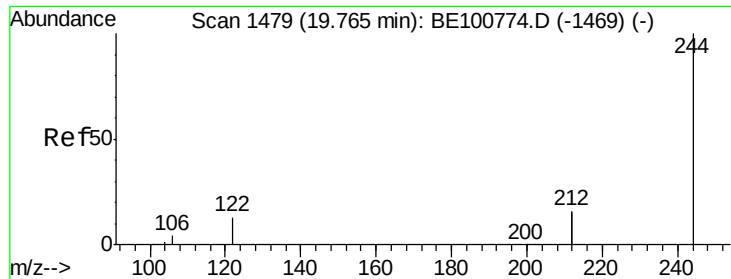


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

BNA_E

ClientSampleId :

PB125315BL

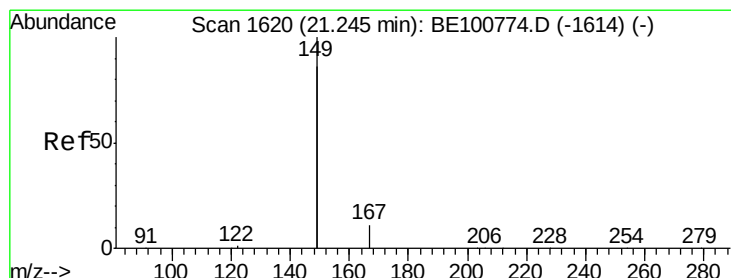
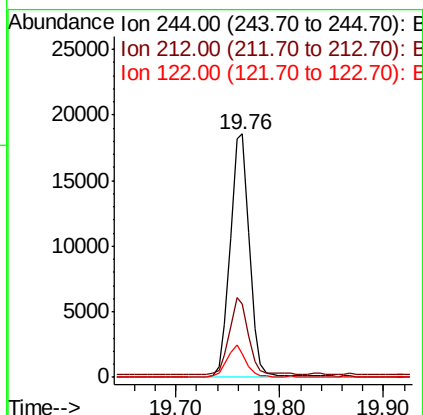
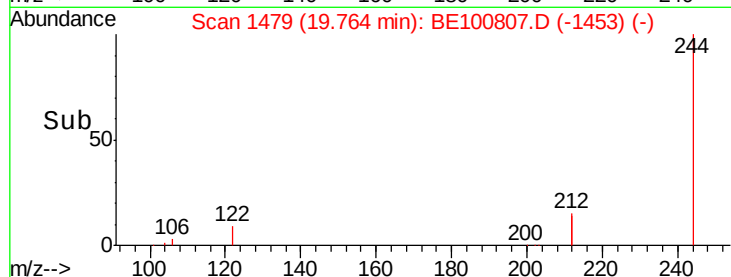
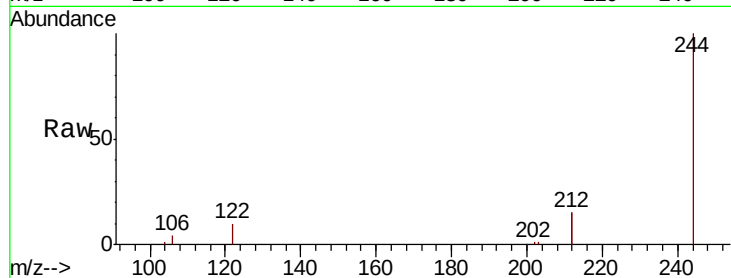
Tot Ion:244 Resp: 23668

Ion Ratio Lower Upper

244 100

212 30.4 26.2 39.4

122 9.6 10.2 15.4#



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

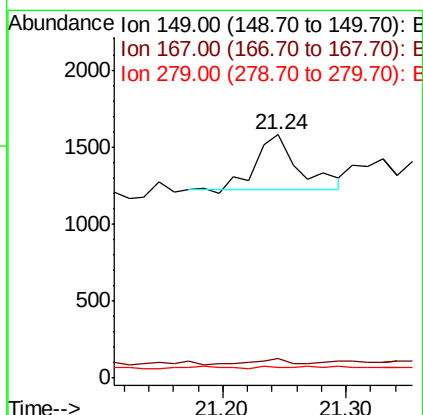
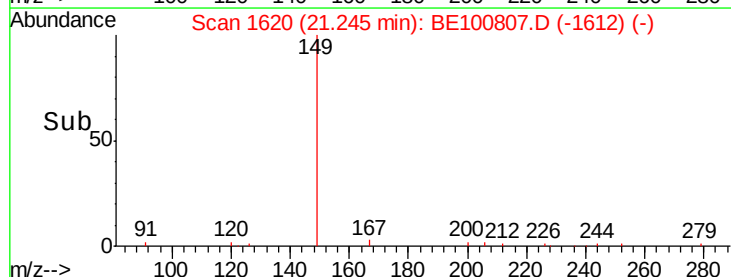
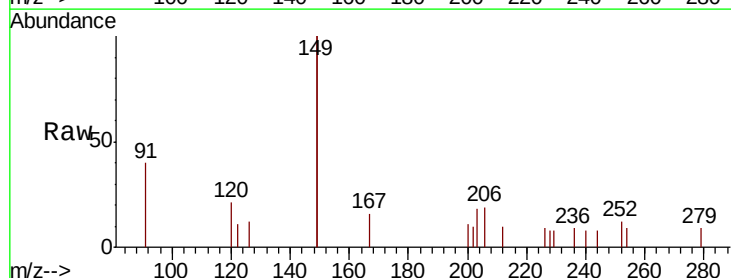
Tgt Ion:149 Resp: 890

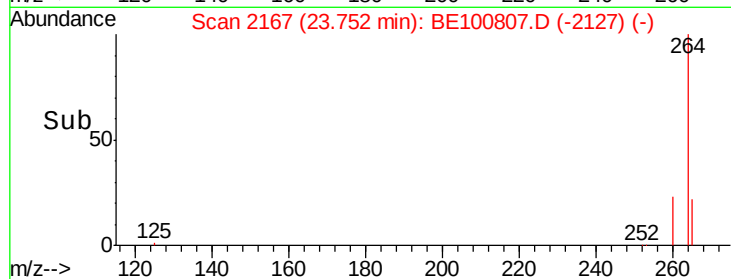
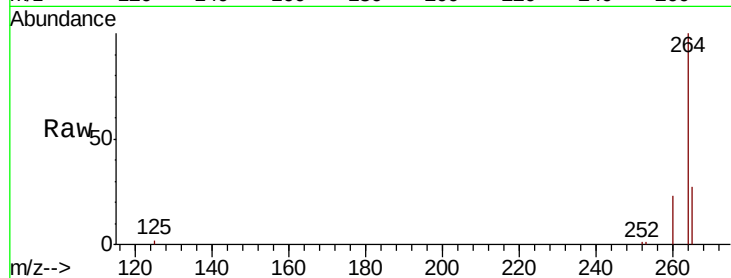
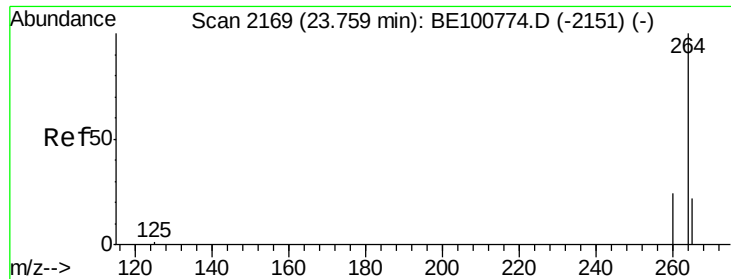
Ion Ratio Lower Upper

149 100

167 3.7 5.0 7.6#

279 2.1 0.7 1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BE100807.D

Acq: 10 Dec 2019 12:11

Instrument :

BNA_E

ClientSampleId :

PB125315BL

Tot Ion: 264 Resp: 29217

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 26.6 21.8 32.8

