

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100890.D
 Acq On : 13 Dec 2019 17:05
 Operator : JU
 Sample : K6185-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 03:06:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

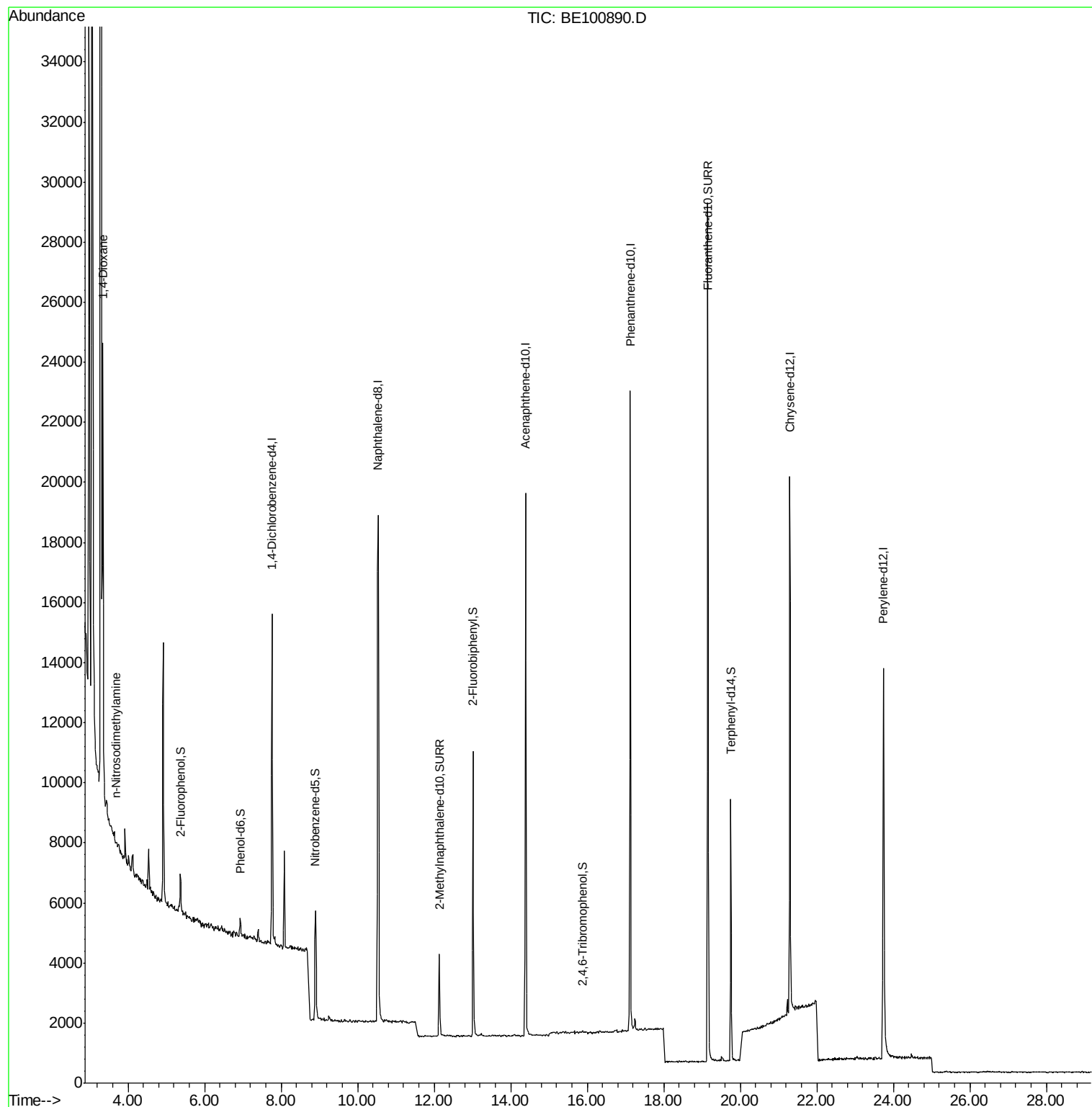
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4752	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20863	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11165	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	27901	0.40	ng	0.00
27) Chrysene-d12	21.29	240	19663	0.40	ng	-0.01
34) Perylene-d12	23.74	264	21120	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	750	0.07	ng	0.00
5) Phenol-d6	6.93	99	632	0.04	ng	0.00
8) Nitrobenzene-d5	8.90	82	1695	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	4329	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	51	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	8758	0.20	ng	0.00
25) Fluoranthene-d10	19.15	212	38389	0.12	ng	0.00
29) Terphenyl-d14	19.75	244	7671	0.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	9140	1.055	ng	# 85
3) n-Nitrosodimethylamine	3.68	42	180	0.026	ng	# 2
32) Bis(2-ethylhexyl)phthalate	21.23	149	607	Below Cal		# 90

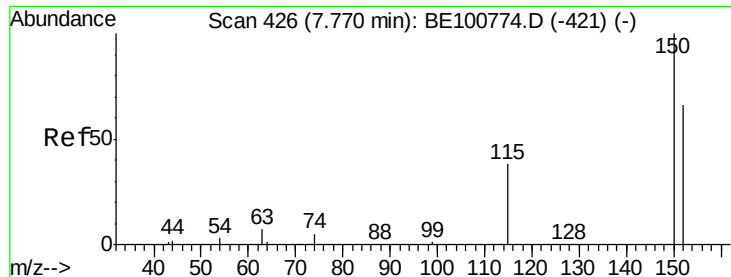
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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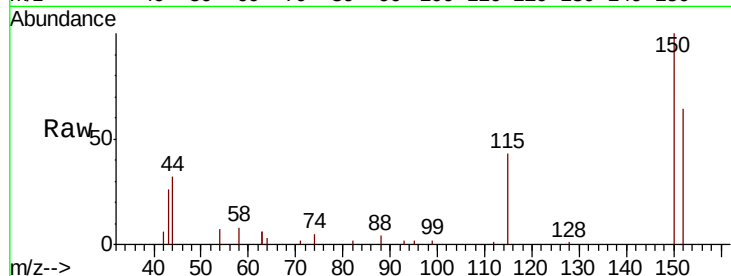


#1

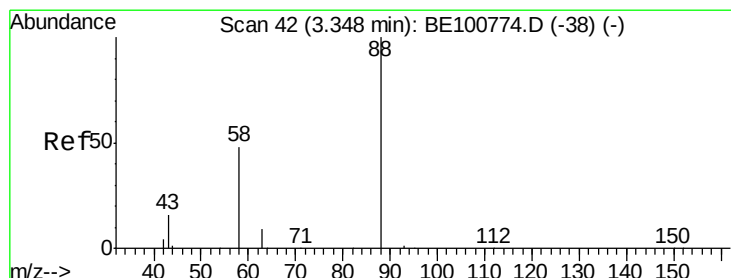
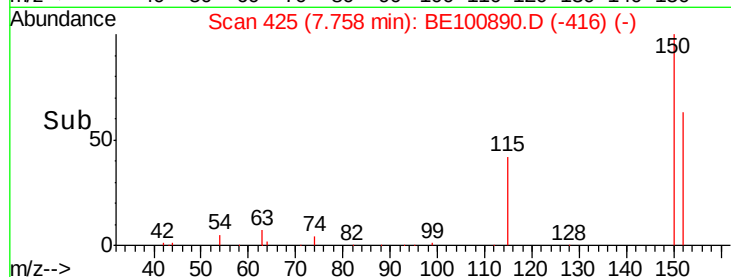
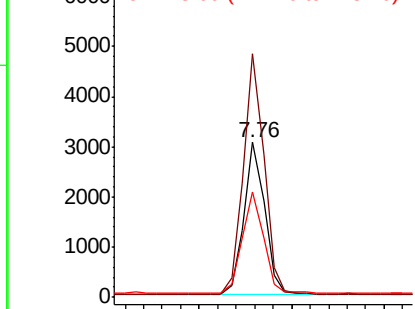
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100890.D
Acq: 13 Dec 2019 17:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4752
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 68.4 55.7 83.5



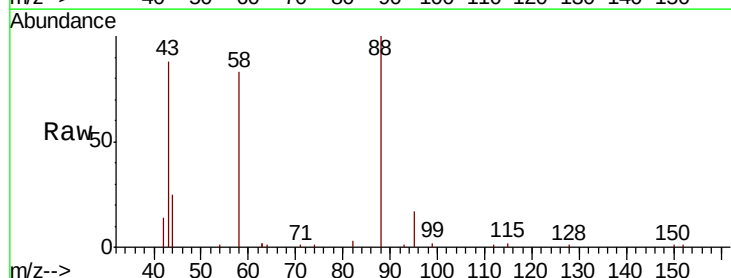
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



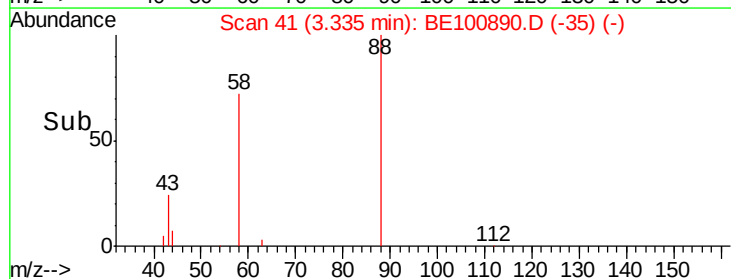
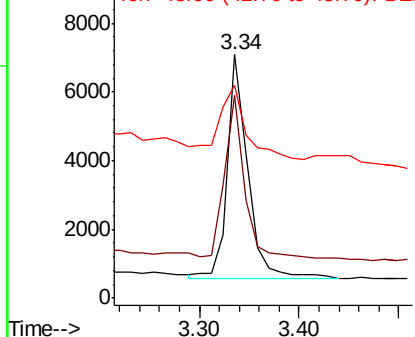
#2

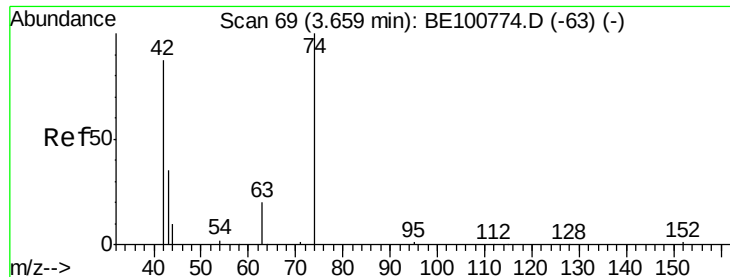
1,4-Dioxane
Concen: 1.055 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100890.D
Acq: 13 Dec 2019 17:05

Tgt Ion: 88 Resp: 9140
Ion Ratio Lower Upper
88 100
58 71.7 52.3 78.5
43 45.0 23.5 35.3#



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



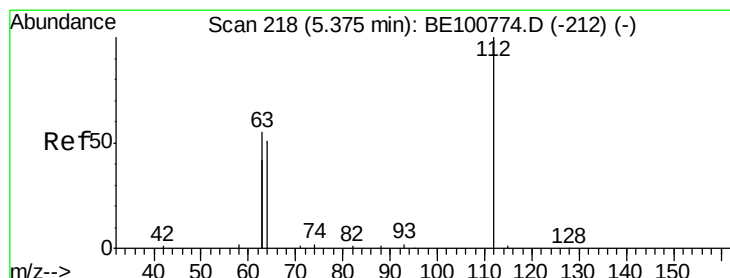
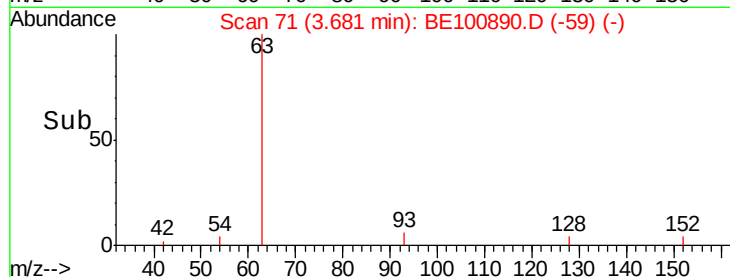
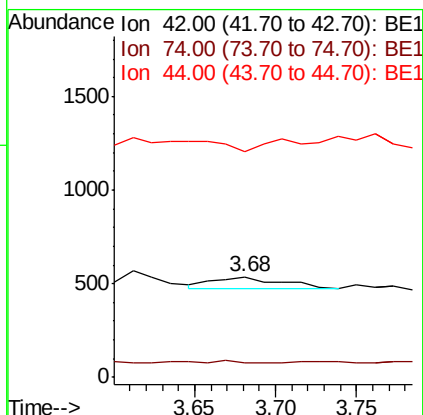
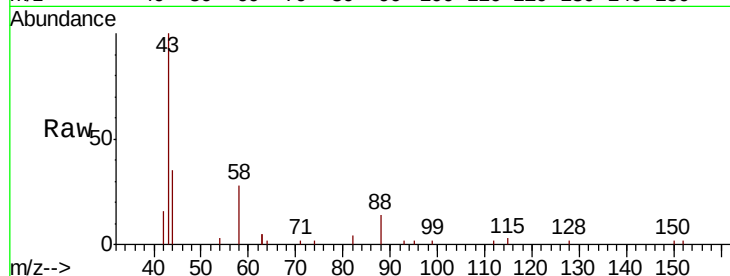


#3

n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.68 min Scan# 71
 Delta R.T. 0.03 min
 Lab File: BE100890.D
 Acq: 13 Dec 2019 17:05

Instrument :
 BNA_E
 ClientSampleId :

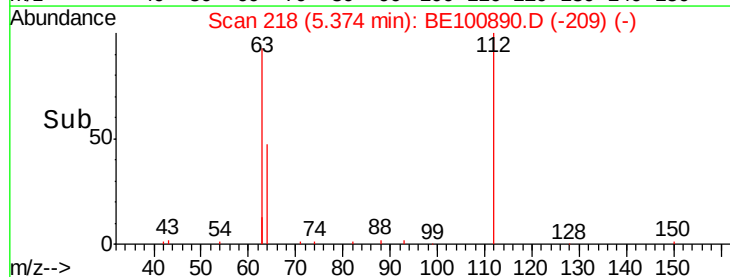
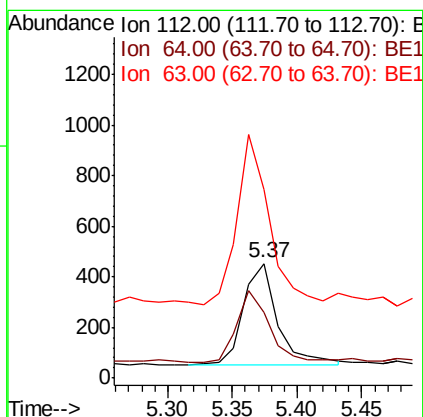
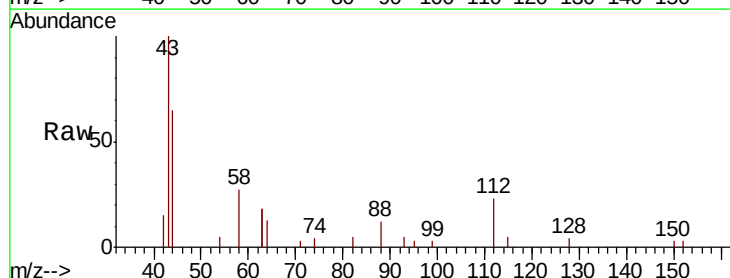
Tot Ion: 42 Resp: 180
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.3 135.5#
 44 0.0 9.0 13.4#

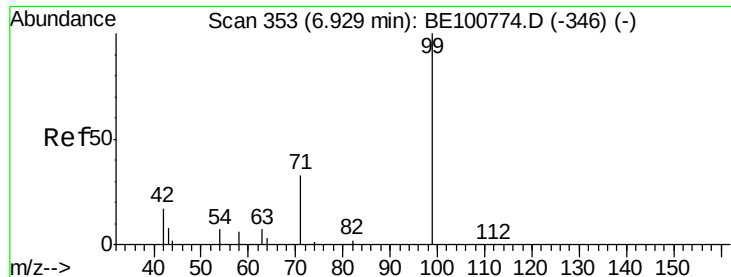


#4

2-Fluorophenol
 Concen: 0.067 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100890.D
 Acq: 13 Dec 2019 17:05

Tgt Ion: 112 Resp: 750
 Ion Ratio Lower Upper
 112 100
 64 67.2 54.5 81.7
 63 144.8 116.1 174.1





#5

Phenol-d6

Concen: 0.037 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

Instrument :

BNA_E

ClientSampled :

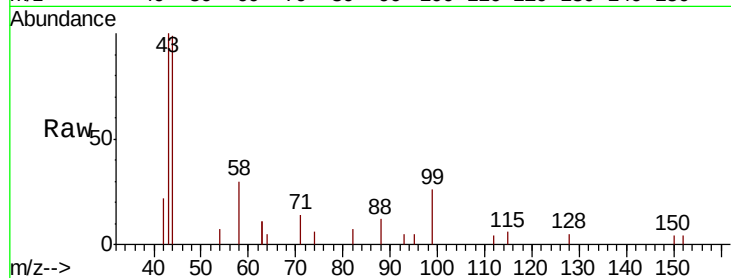
Tot Ion: 99 Resp: 632

Ion Ratio Lower Upper

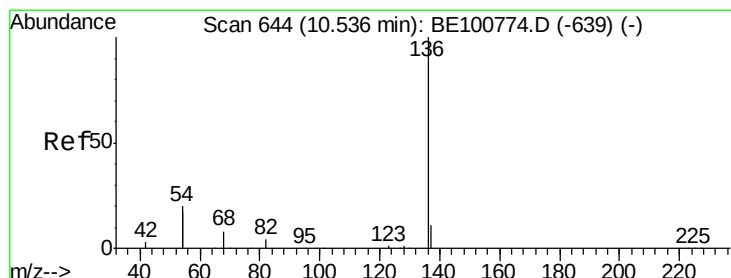
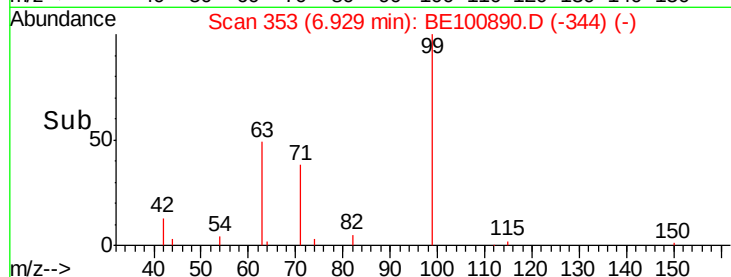
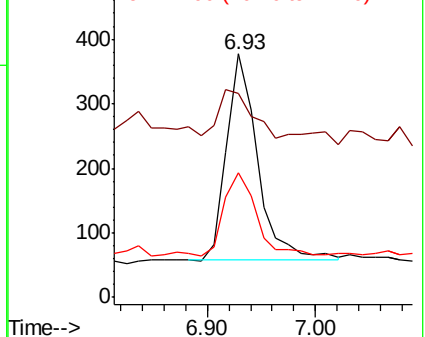
99 100

42 25.6 18.2 27.2

71 40.0 29.1 43.7



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: BE100890.D

Acq: 13 Dec 2019 17:05

Tgt Ion: 136 Resp: 20863

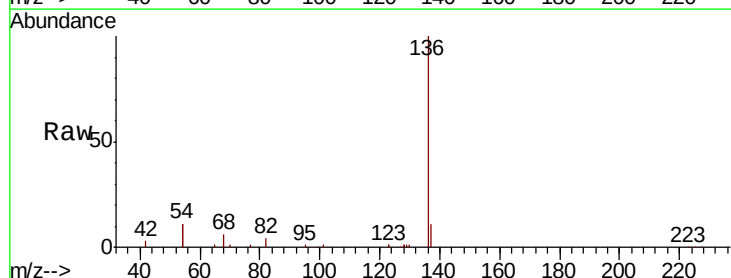
Ion Ratio Lower Upper

136 100

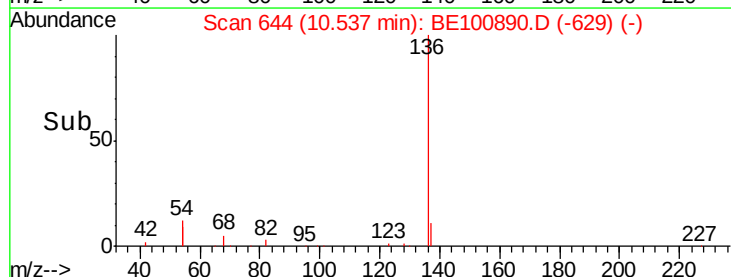
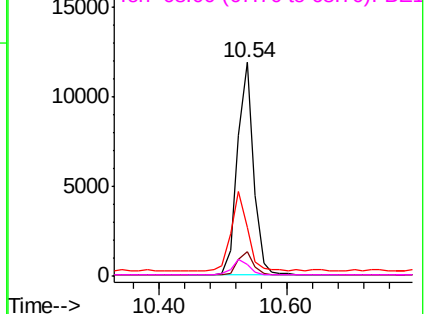
137 11.1 9.1 13.7

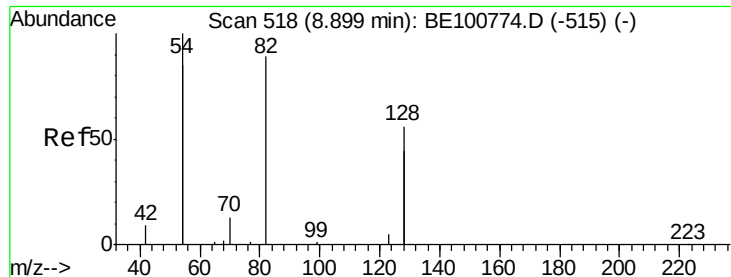
54 22.9 18.9 28.3

68 5.6 4.6 6.8



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: 0.171 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

Instrument :

BNA_E

ClientSampleId :

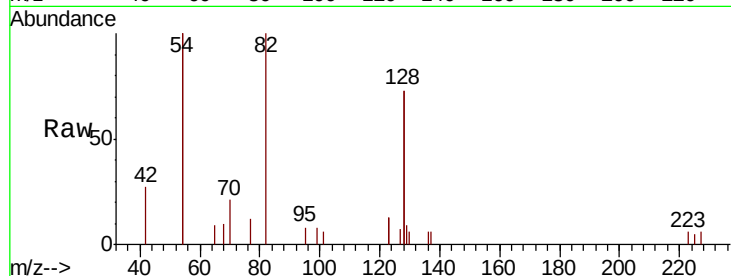
Tot Ion: 82 Resp: 1695

Ion Ratio Lower Upper

82 100

128 145.7 113.5 170.3

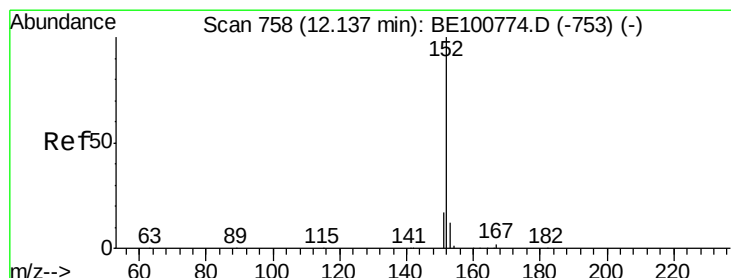
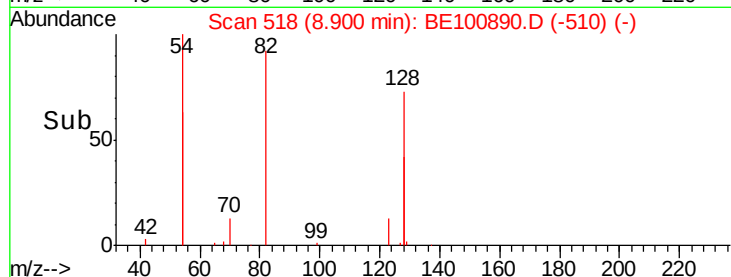
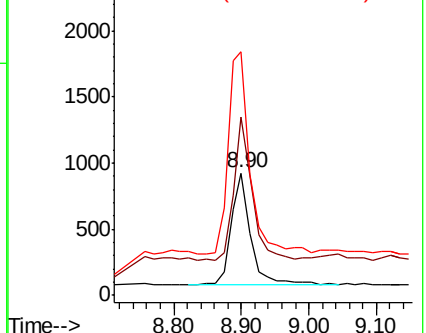
54 199.1 138.9 208.3



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: 0.143 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100890.D

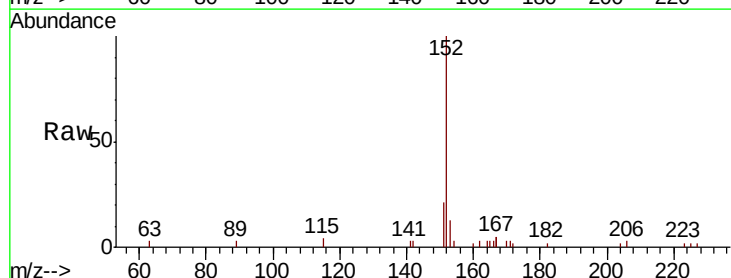
Acq: 13 Dec 2019 17:05

Tgt Ion: 152 Resp: 4329

Ion Ratio Lower Upper

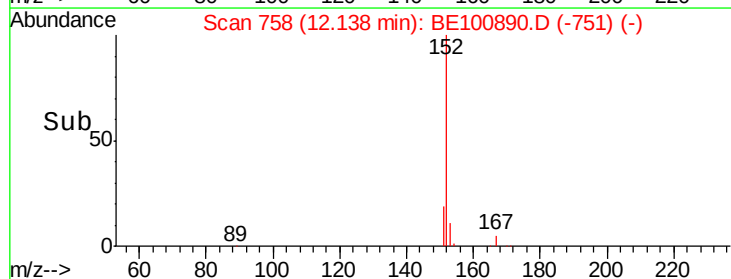
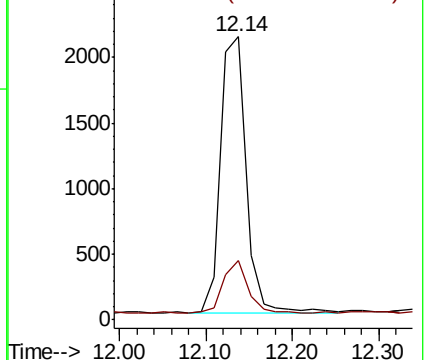
152 100

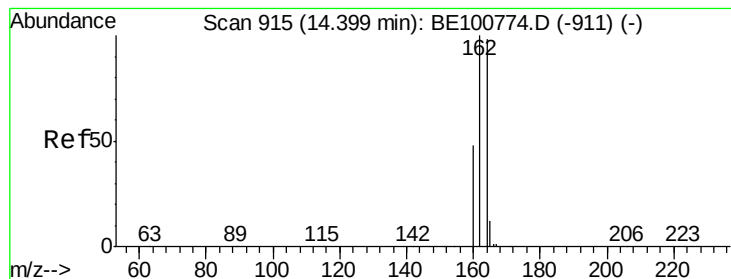
151 18.1 15.1 22.7



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: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

Instrument :

BNA_E

ClientSampleId :

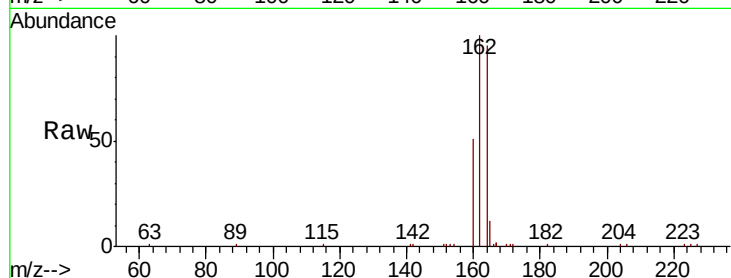
Tot Ion:164 Resp: 11165

Ion Ratio Lower Upper

164 100

162 105.3 86.0 129.0

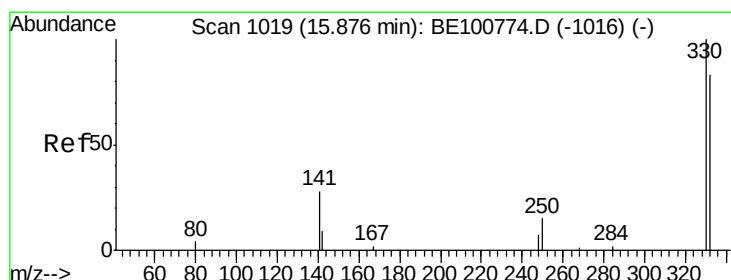
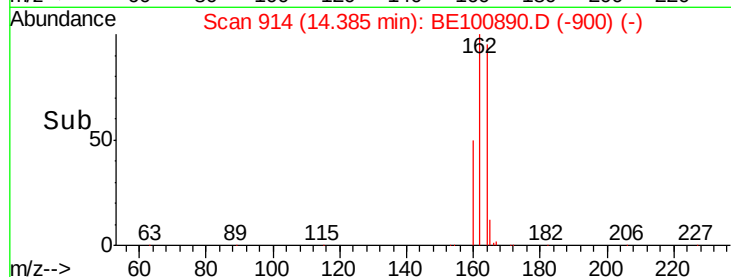
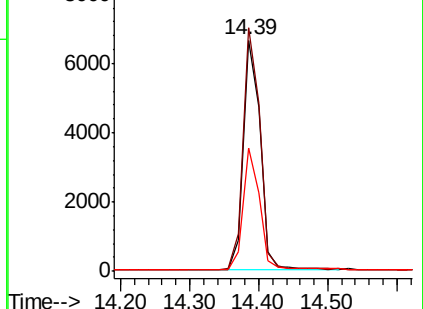
160 53.4 42.3 63.5



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



#14

2,4,6-Tribromophenol

Concen: 0.041 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

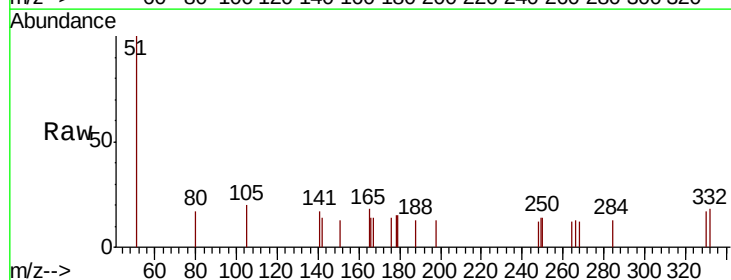
Tgt Ion:330 Resp: 51

Ion Ratio Lower Upper

330 100

332 156.9 74.1 111.1#

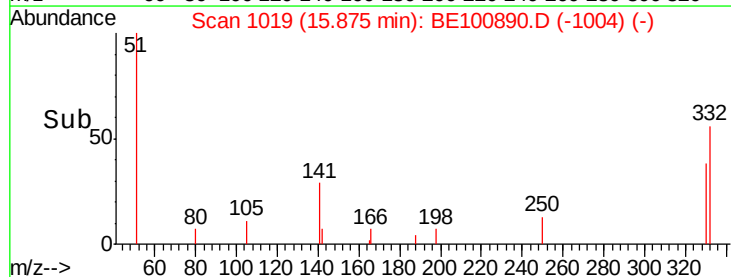
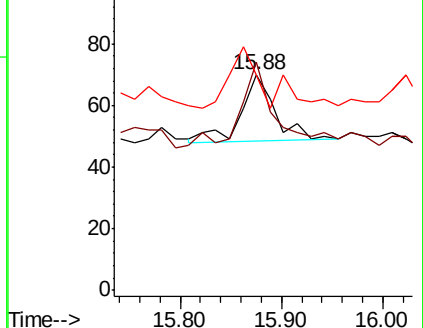
141 68.6 46.7 70.1

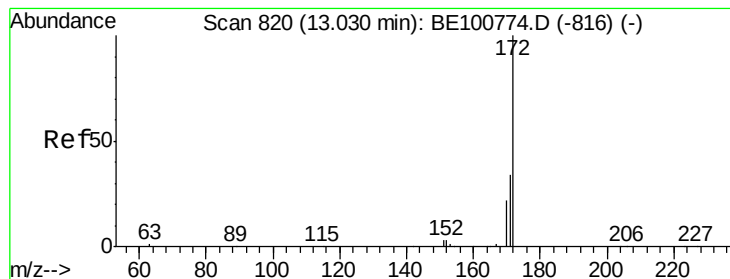


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

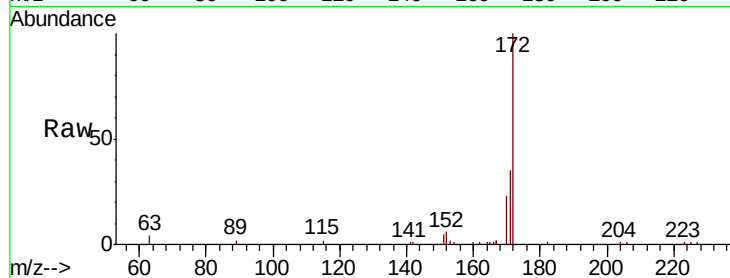




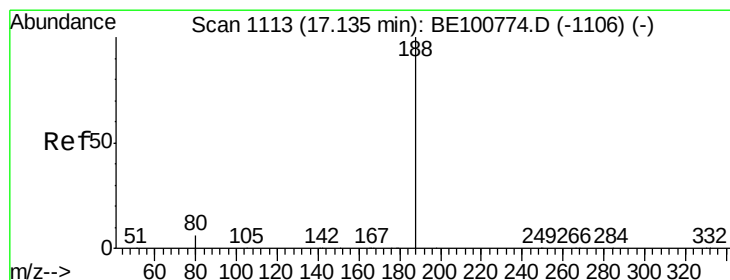
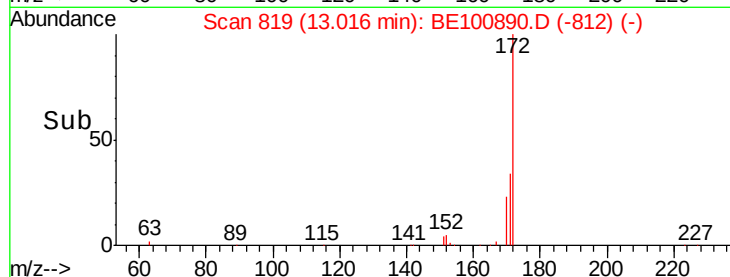
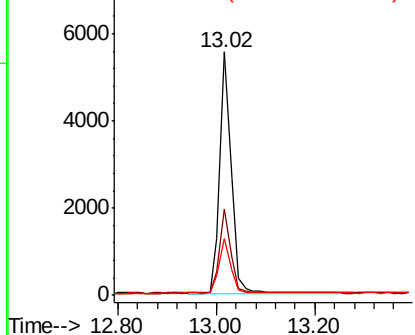
#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100890.D
Acq: 13 Dec 2019 17:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 8758
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 19.4 29.0

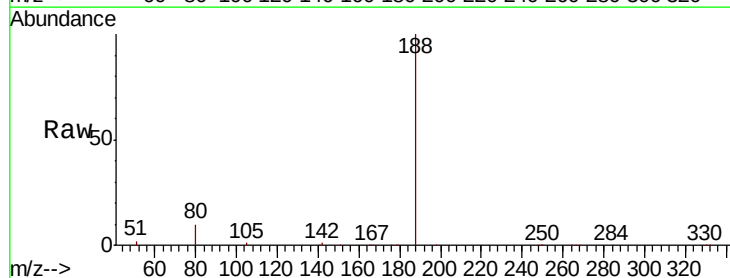


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

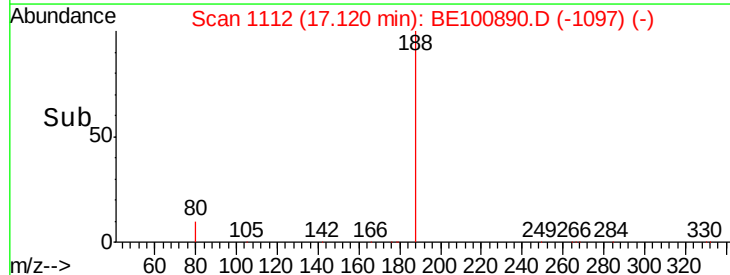
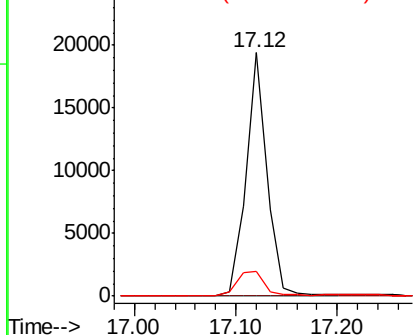


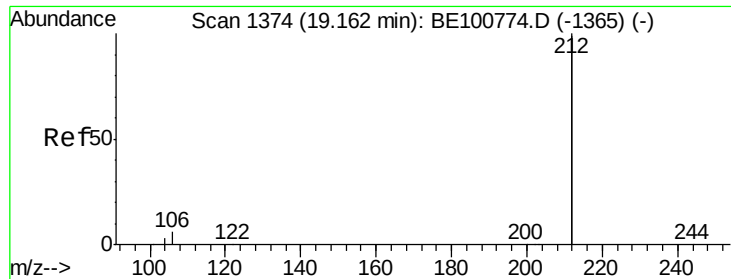
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100890.D
Acq: 13 Dec 2019 17:05

Tgt Ion:188 Resp: 27901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.9 11.9



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





#25

Fluoranthene-d10

Concen: 0.116 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

Instrument :

BNA_E

ClientSampleId :

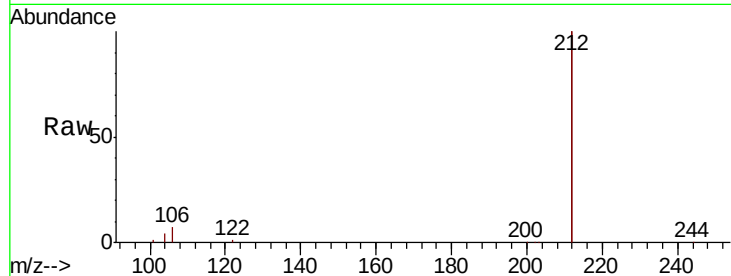
Tot Ion:212 Resp: 38389

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

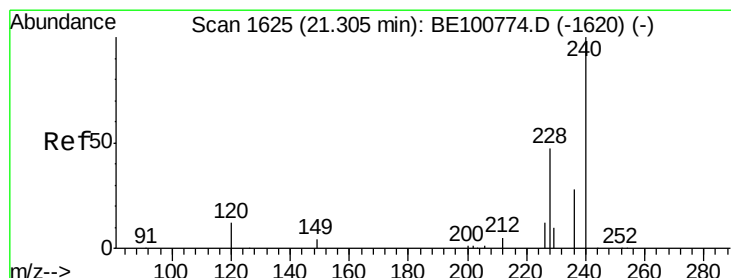
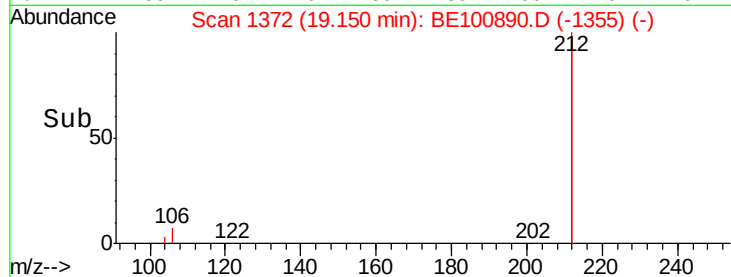
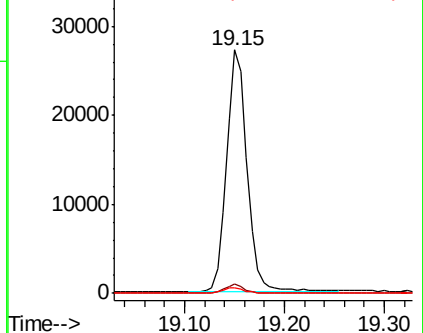
104 1.9 1.4 2.2



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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

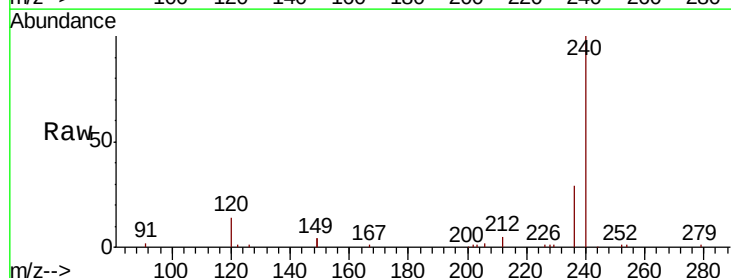
Tgt Ion:240 Resp: 19663

Ion Ratio Lower Upper

240 100

120 14.4 4.0 6.0#

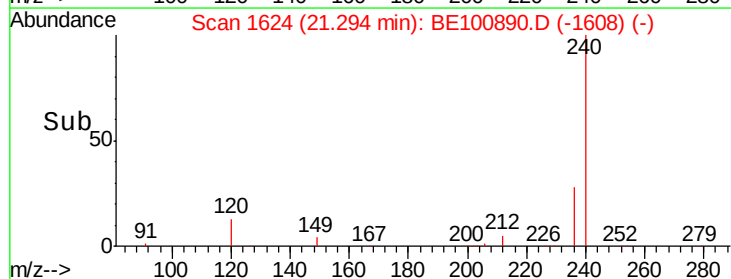
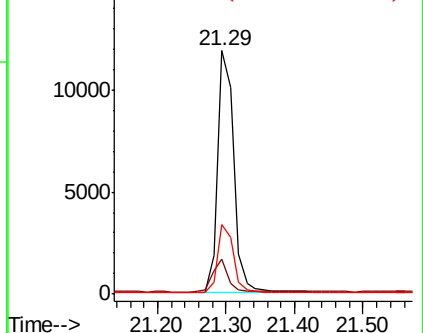
236 28.8 21.6 32.4

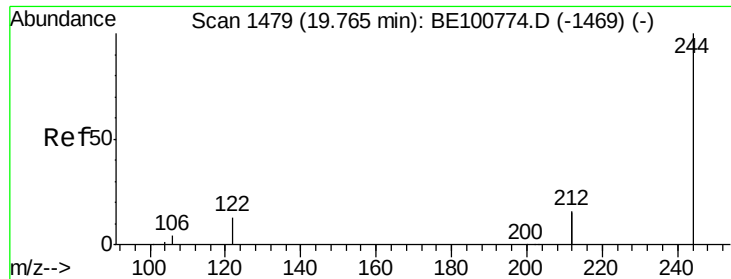


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.163 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

Instrument :

BNA_E

ClientSampleId :

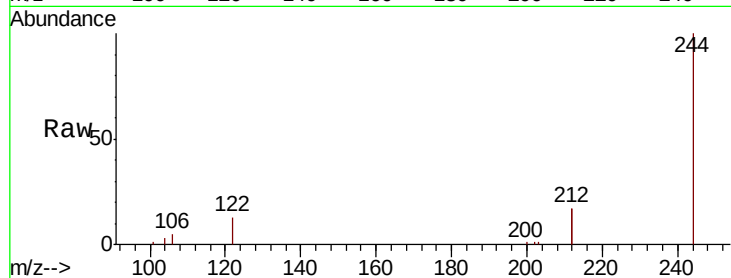
Tot Ion:244 Resp: 7671

Ion Ratio Lower Upper

244 100

212 34.1 25.2 37.8

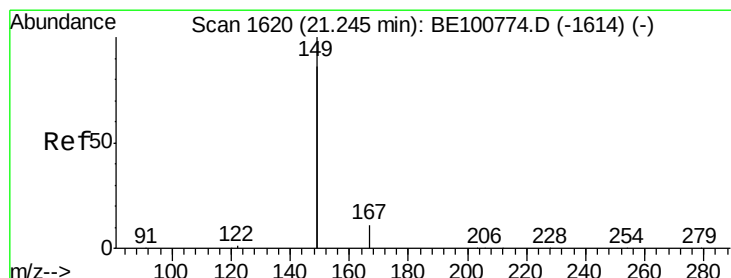
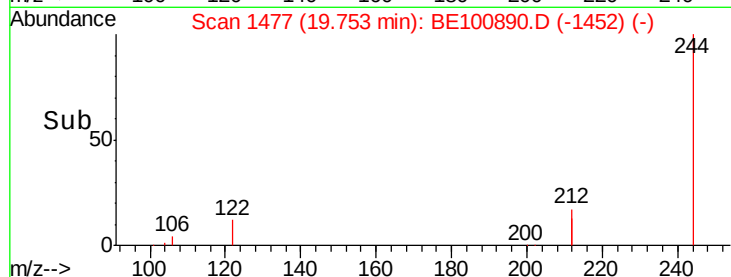
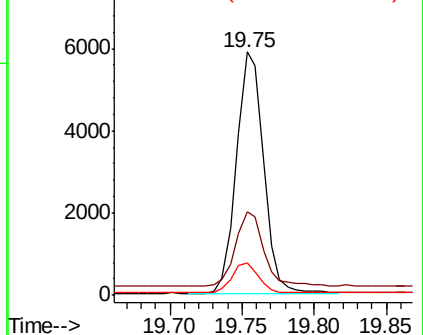
122 13.2 8.9 13.3



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: Below Cal

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

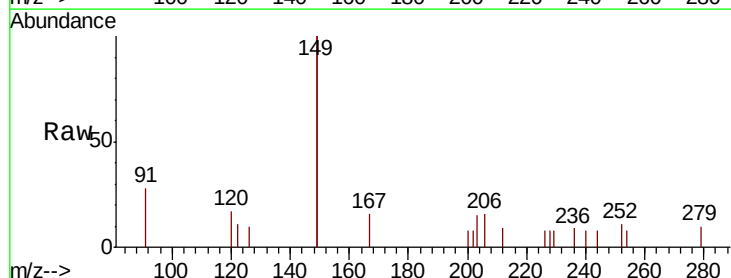
Tgt Ion:149 Resp: 607

Ion Ratio Lower Upper

149 100

167 9.6 5.0 7.4#

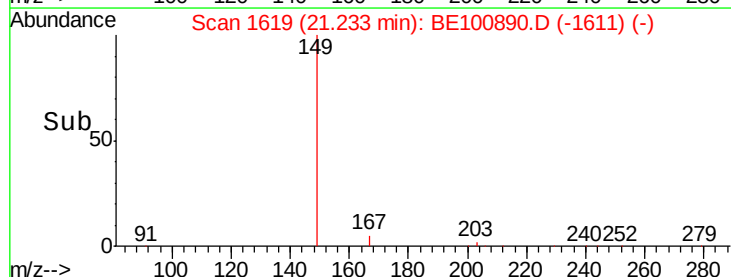
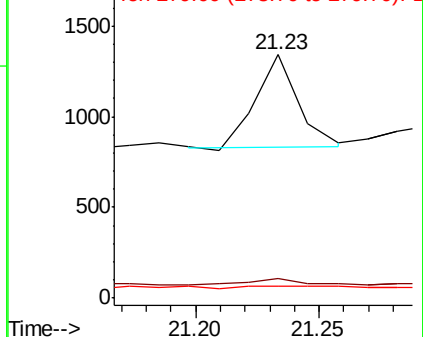
279 4.9 0.6 1.0#

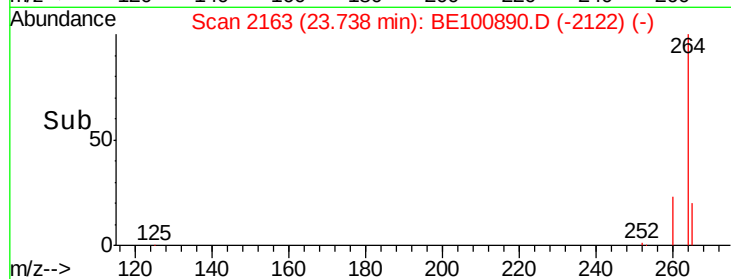
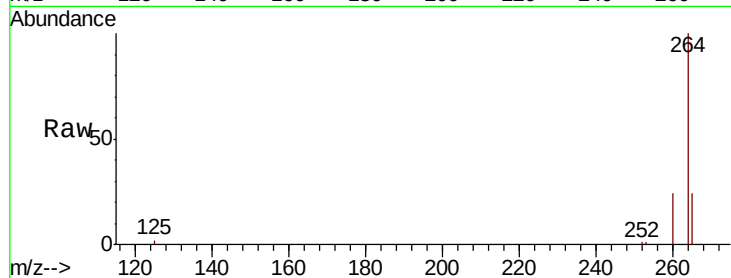
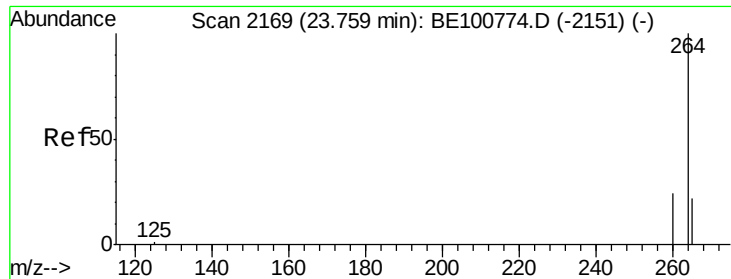


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BE100890.D

Acq: 13 Dec 2019 17:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 21120

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 24.3 20.1 30.1

