

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100891.D
 Acq On : 13 Dec 2019 17:44
 Operator : JU
 Sample : K6252-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 03:07:08 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

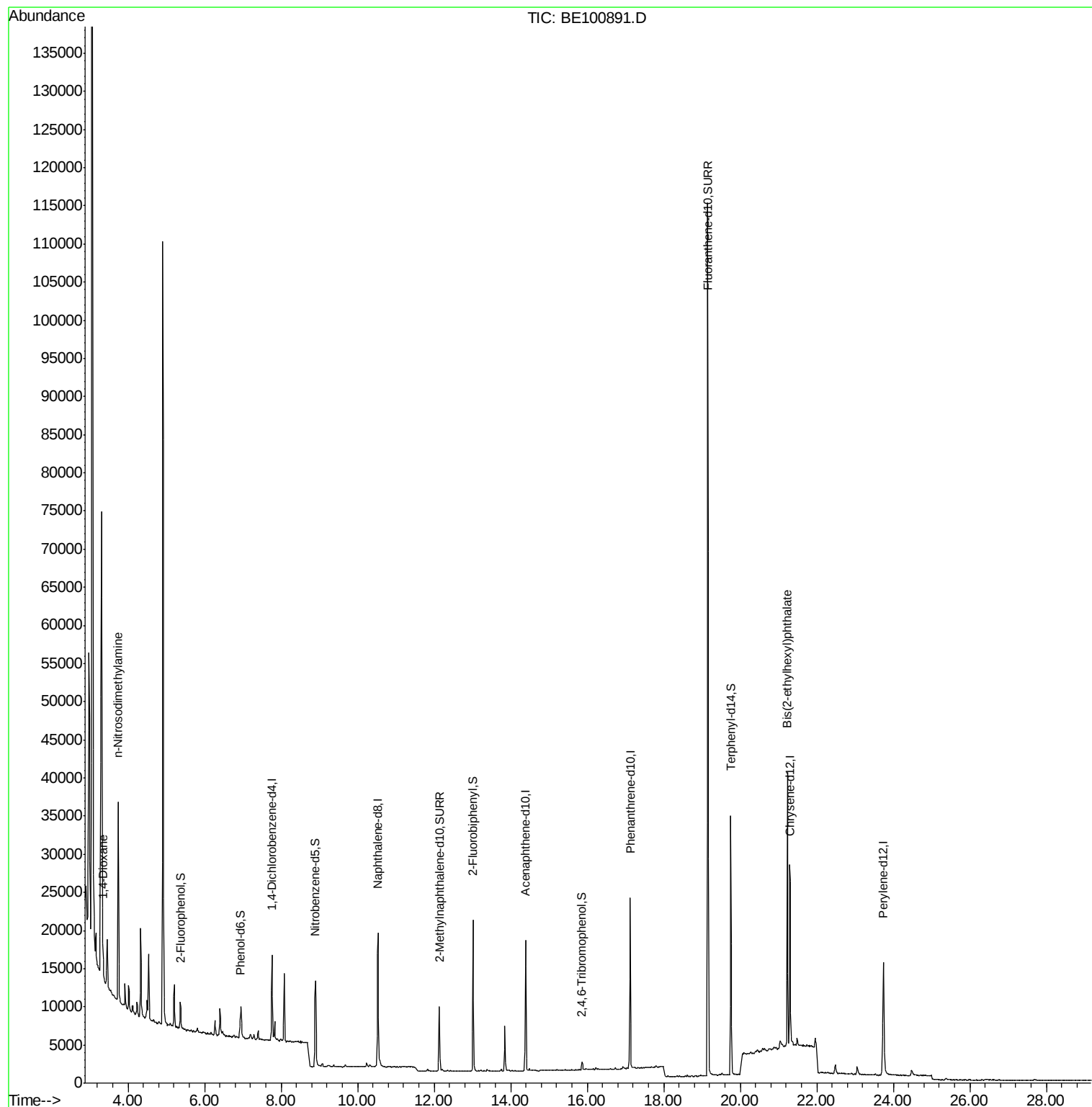
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4919	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21033	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11202	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29700	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28107	0.40	ng	0.00
34) Perylene-d12	23.74	264	22692	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1810	0.16	ng	0.00
5) Phenol-d6	6.93	99	1706	0.10	ng	0.00
8) Nitrobenzene-d5	8.90	82	4949	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12775	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	633	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	17588	0.40	ng	0.00
25) Fluoranthene-d10	19.15	212	151070	0.43	ng	0.00
29) Terphenyl-d14	19.75	244	29104	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	1986	0.221	ng	# 49
3) n-Nitrosodimethylamine	3.74	42	1042	0.143	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.23	149	37555	0.637	ng	99

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

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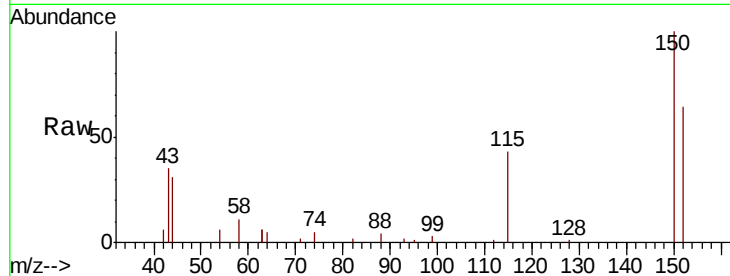


#1

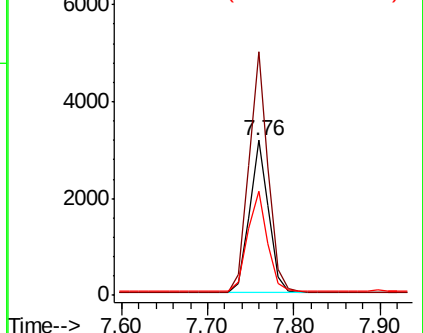
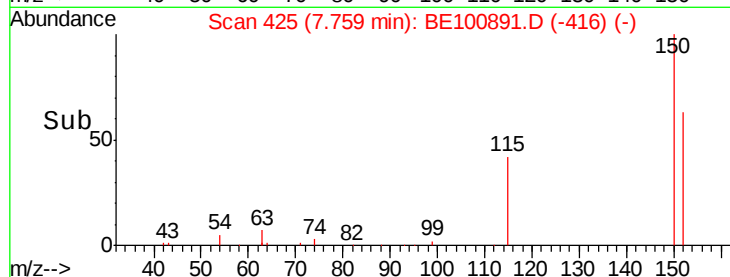
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100891.D
Acq: 13 Dec 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4919
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 67.4 55.7 83.5



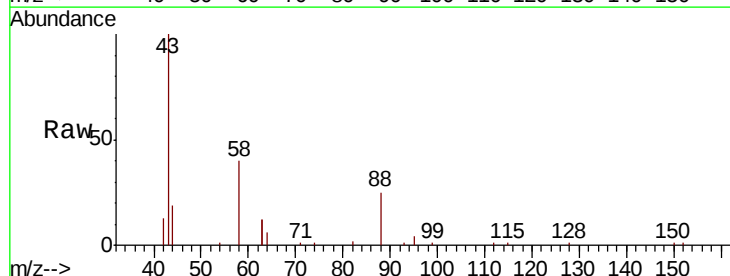
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



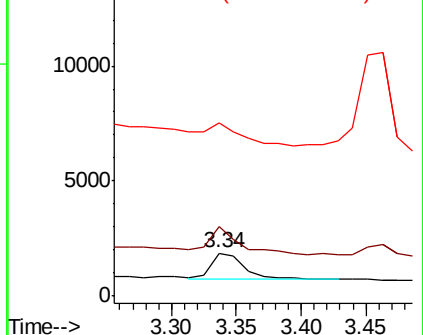
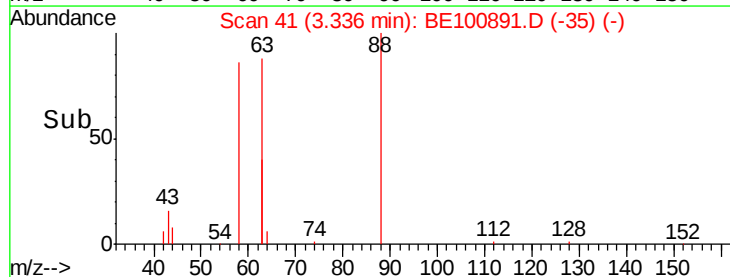
#2

1,4-Dioxane
Concen: 0.221 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100891.D
Acq: 13 Dec 2019 17:44

Tgt Ion: 88 Resp: 1986
Ion Ratio Lower Upper
88 100
58 104.8 52.3 78.5#
43 0.0 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: 0.143 ng

RT: 3.74 min Scan# 76

Delta R.T. 0.09 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

Instrument :

BNA_E

ClientSampleId :

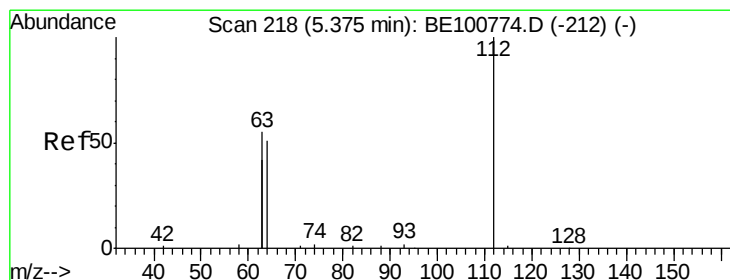
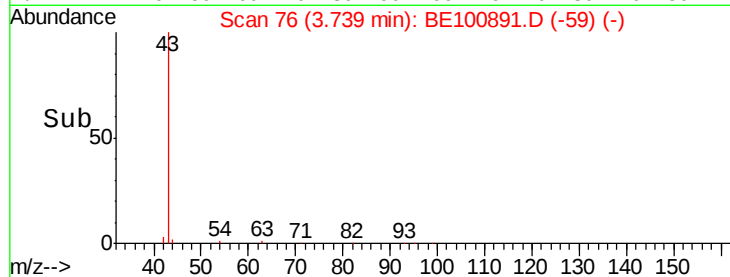
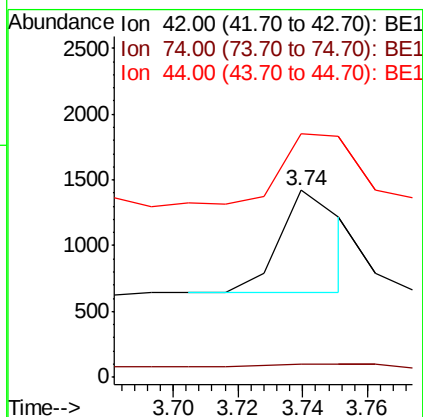
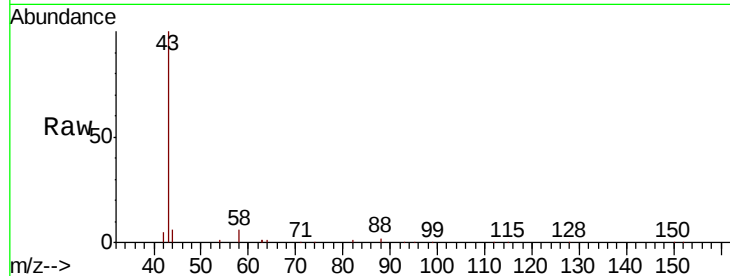
Tot Ion: 42 Resp: 1042

Ion Ratio Lower Upper

42 100

74 3.2 90.3 135.5#

44 73.9 9.0 13.4#



#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

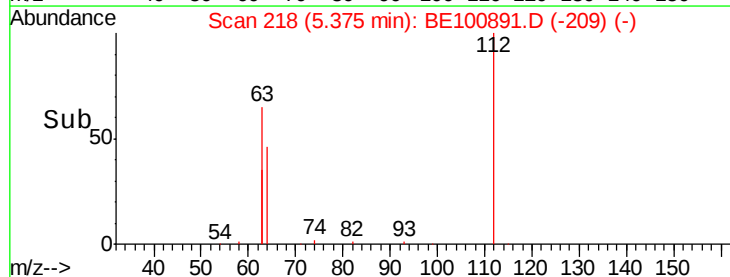
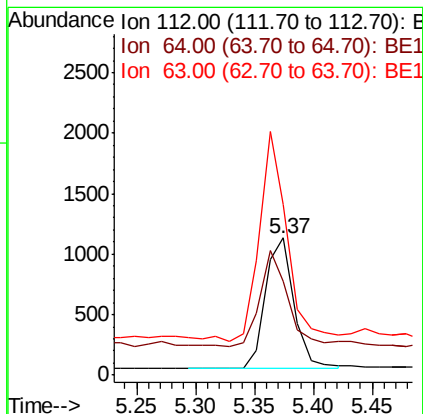
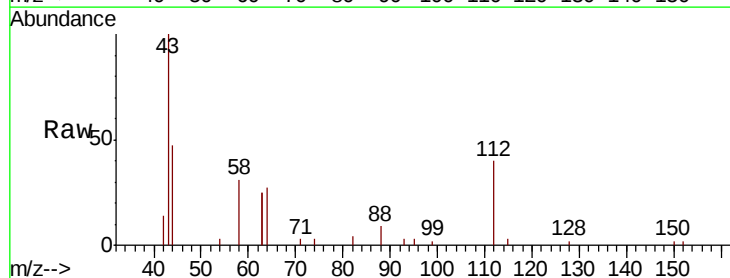
Tgt Ion: 112 Resp: 1810

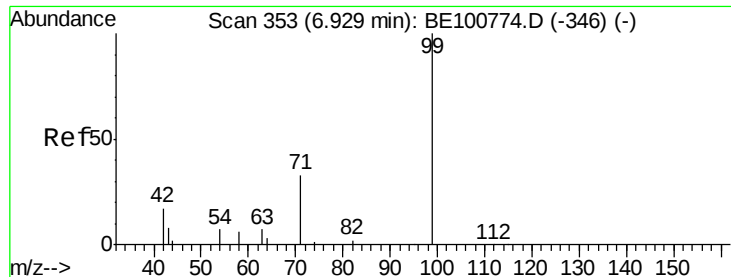
Ion Ratio Lower Upper

112 100

64 73.5 54.5 81.7

63 150.9 116.1 174.1





#5

Phenol-d6

Concen: 0.097 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

Instrument :

BNA_E

ClientSampleId :

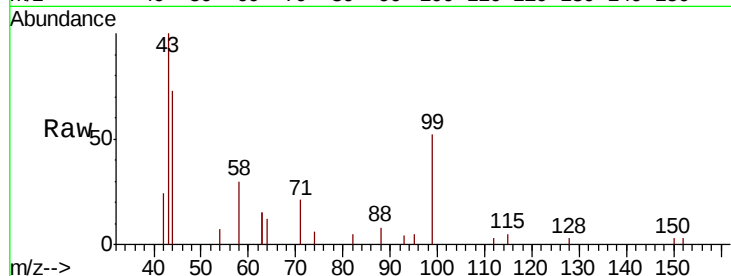
Tot Ion: 99 Resp: 1706

Ion Ratio Lower Upper

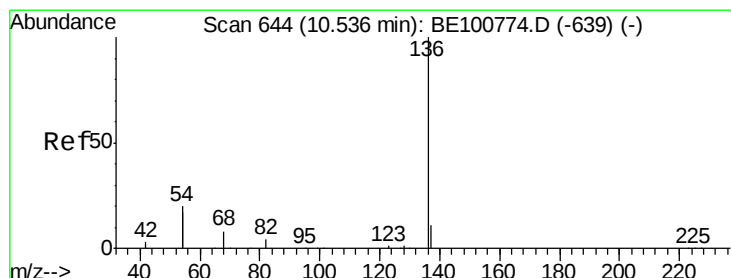
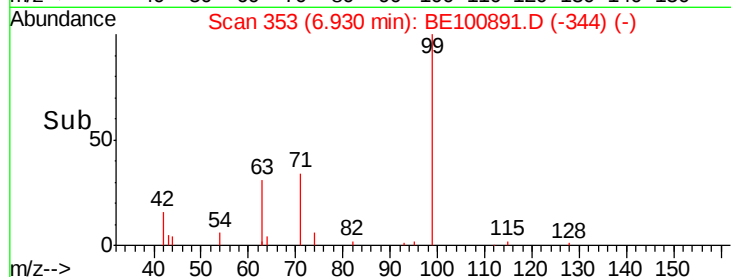
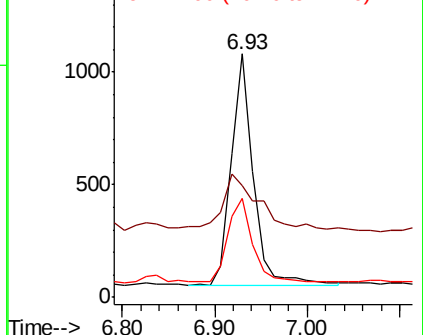
99 100

42 36.8 18.2 27.2#

71 40.6 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: BE100891.D

Acq: 13 Dec 2019 17:44

Tgt Ion: 136 Resp: 21033

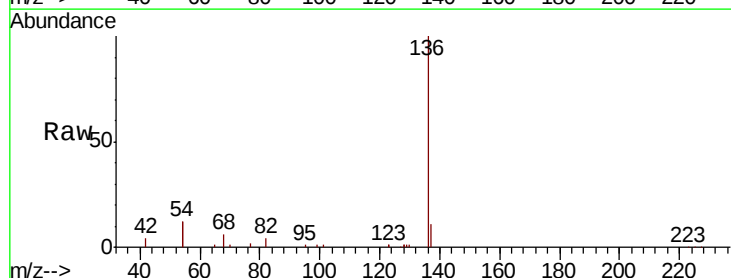
Ion Ratio Lower Upper

136 100

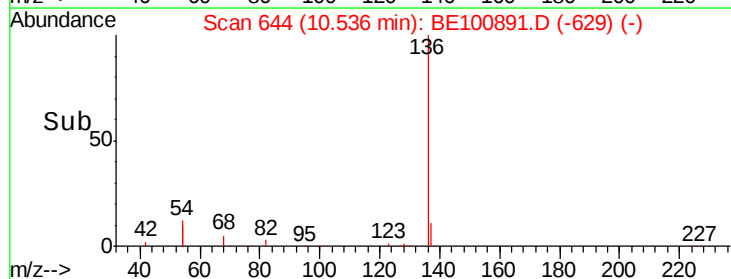
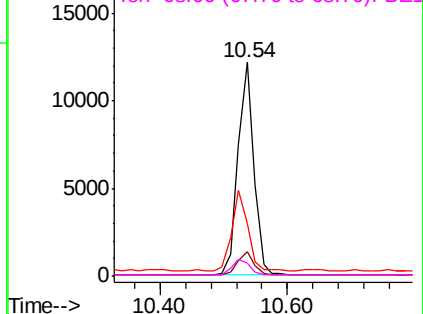
137 11.2 9.1 13.7

54 24.5 18.9 28.3

68 5.7 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

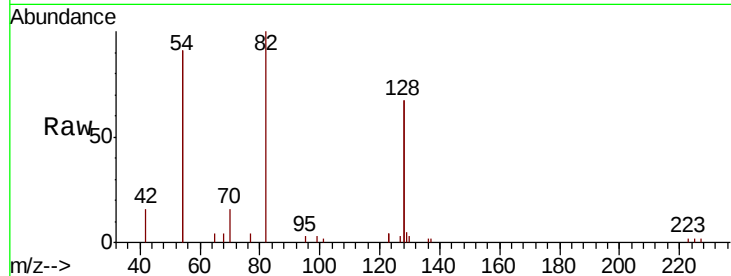




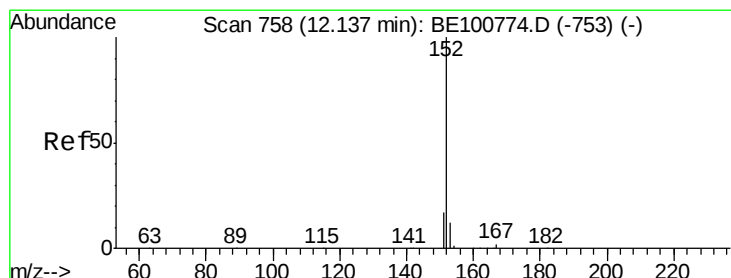
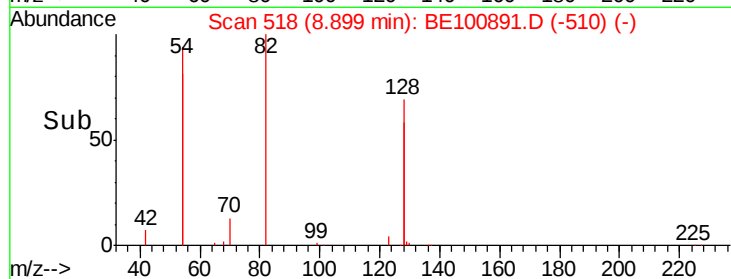
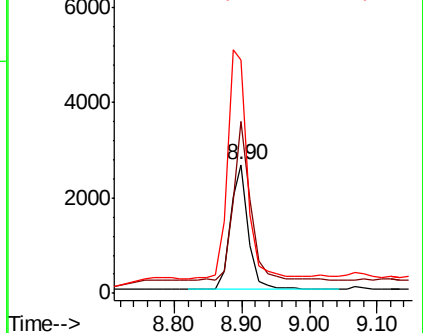
#8
 Nitrobenzene-d5
 Concen: 0.494 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BE100891.D
 Acq: 13 Dec 2019 17:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	82	Resp	4949
Ion	Ratio	Lower	Upper
82	100		
128	133.8	113.5	170.3
54	181.7	138.9	208.3

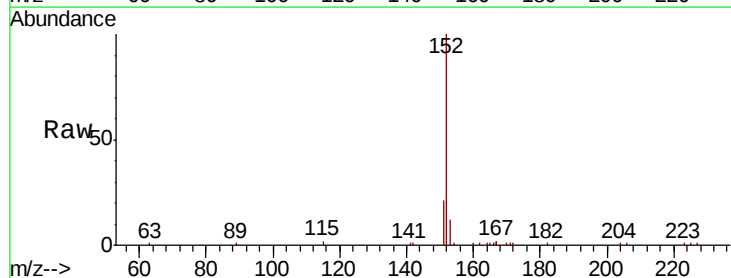


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

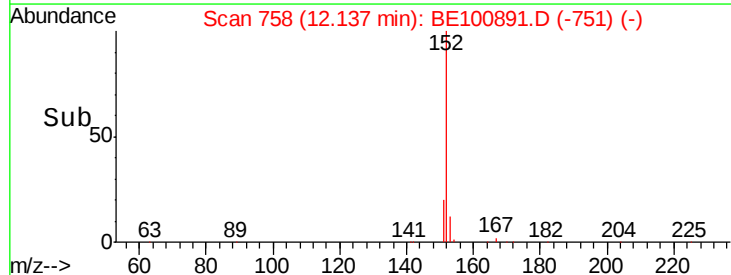
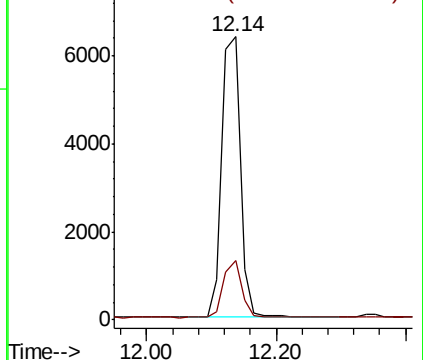


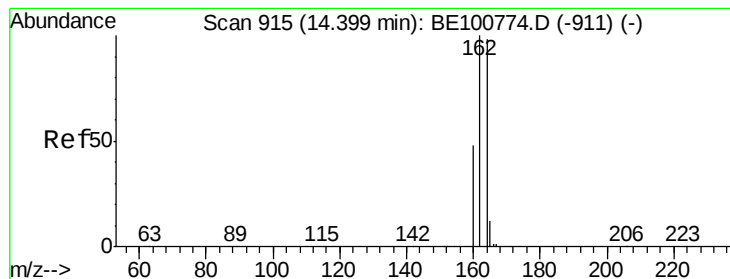
#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100891.D
 Acq: 13 Dec 2019 17:44

Tgt Ion	152	Resp	12775
Ion	Ratio	Lower	Upper
152	100		
151	19.6	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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

Instrument :

BNA_E

ClientSampleId :

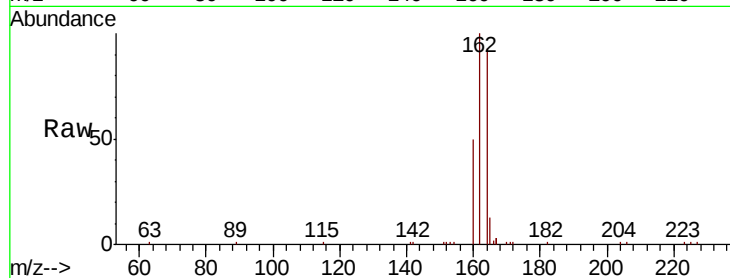
Tot Ion:164 Resp: 11202

Ion Ratio Lower Upper

164 100

162 107.5 86.0 129.0

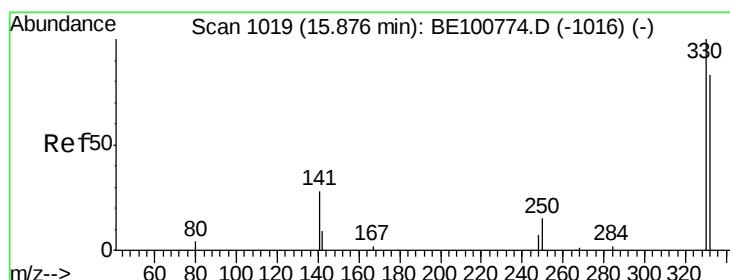
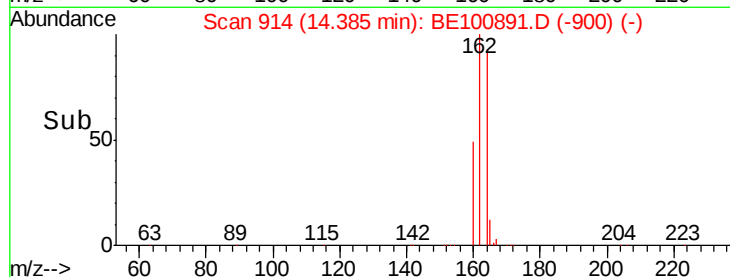
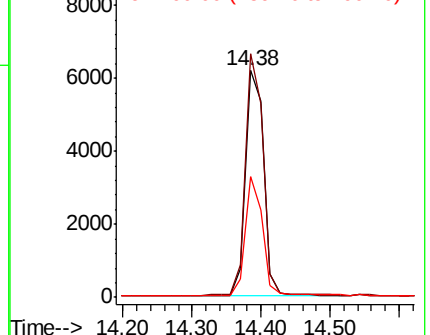
160 53.3 42.3 63.5



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: 0.508 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

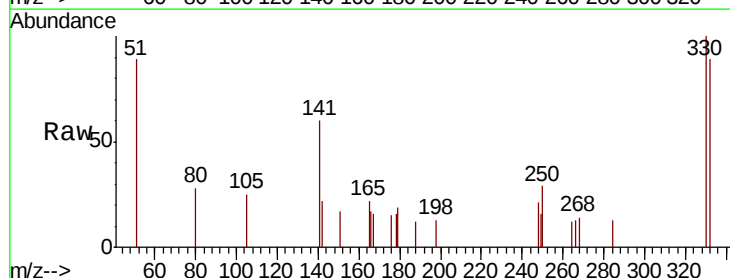
Tgt Ion:330 Resp: 633

Ion Ratio Lower Upper

330 100

332 99.7 74.1 111.1

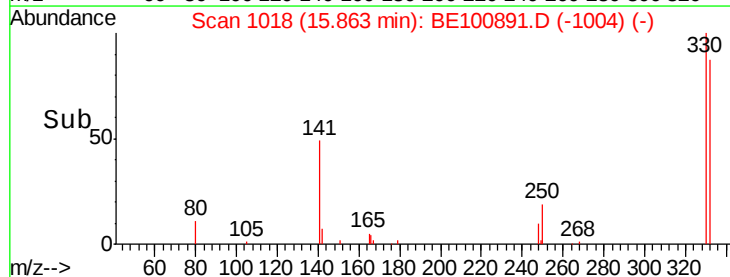
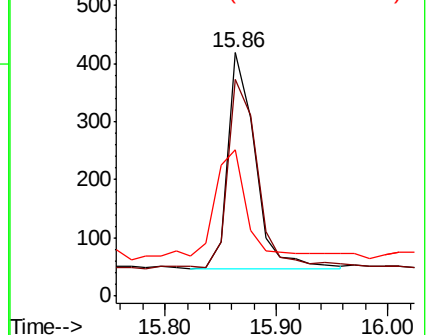
141 67.3 46.7 70.1

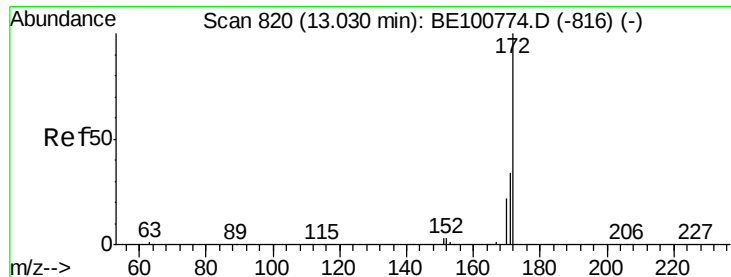


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

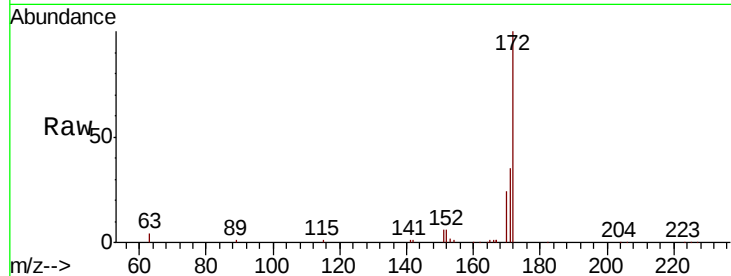




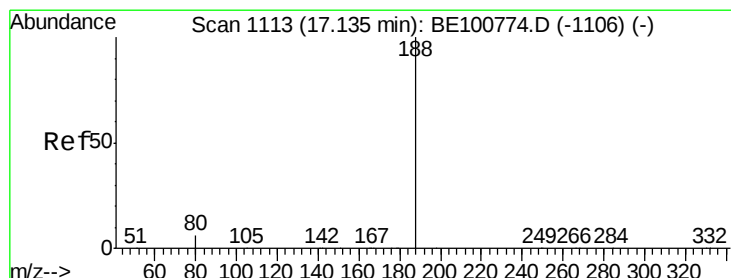
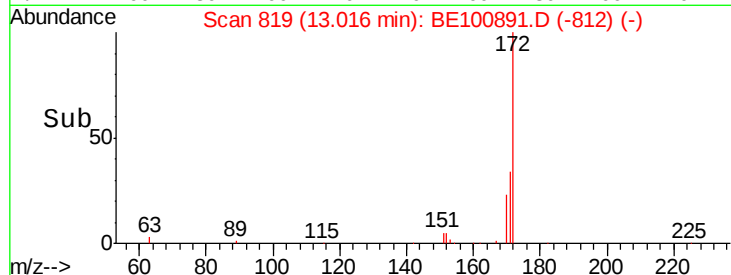
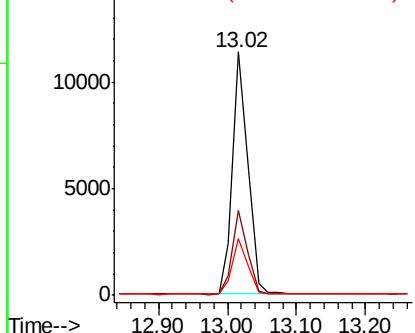
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100891.D
Acq: 13 Dec 2019 17:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 17588
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.5 19.4 29.0

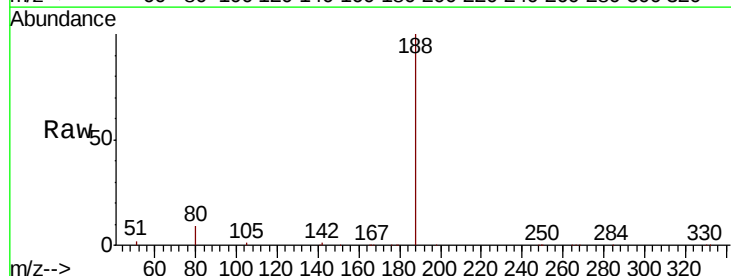


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

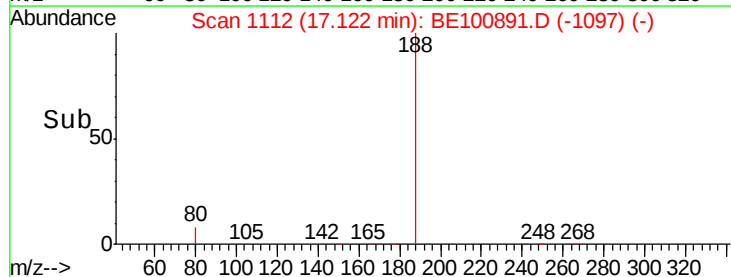
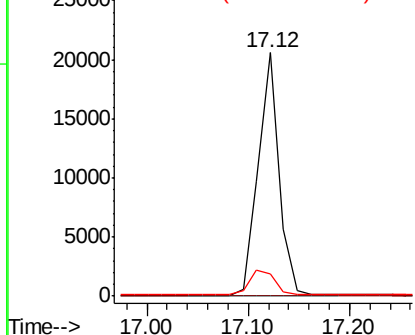


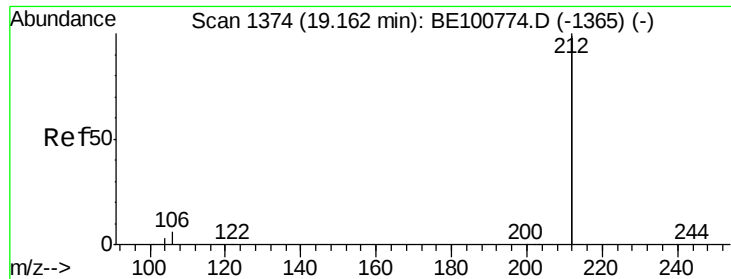
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100891.D
Acq: 13 Dec 2019 17:44

Tgt Ion:188 Resp: 29700
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 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

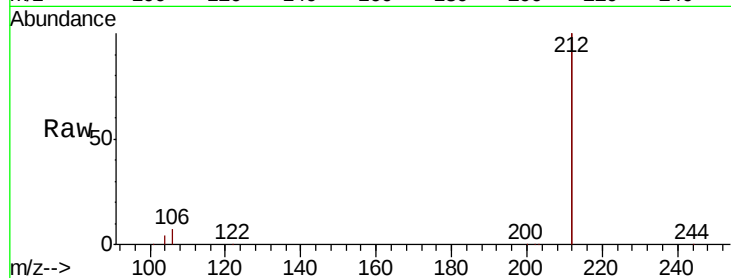




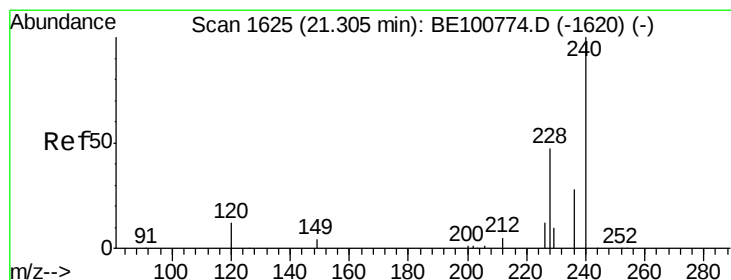
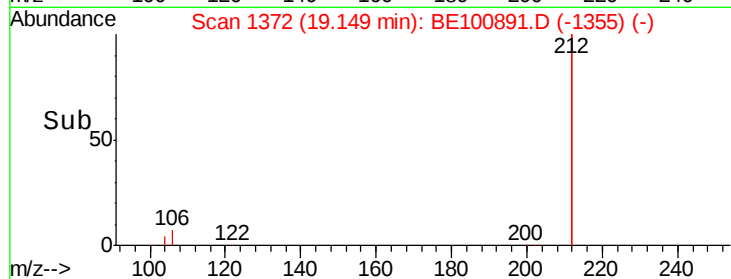
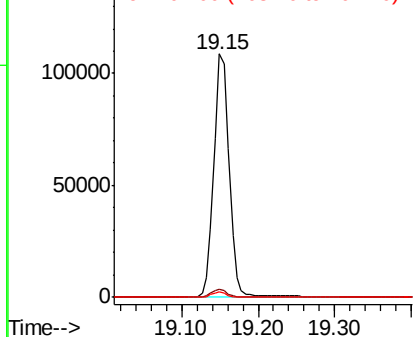
#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE100891.D
Acq: 13 Dec 2019 17:44

Instrument :
BNA_E
ClientSampled :

Tot Ion:212 Resp: 151070
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.9 1.4 2.2

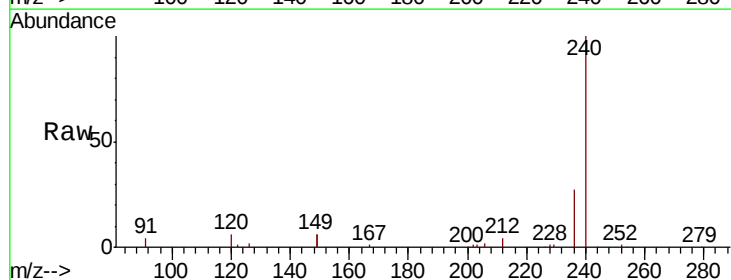


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

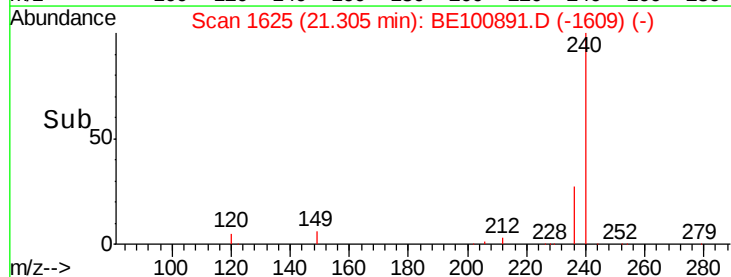
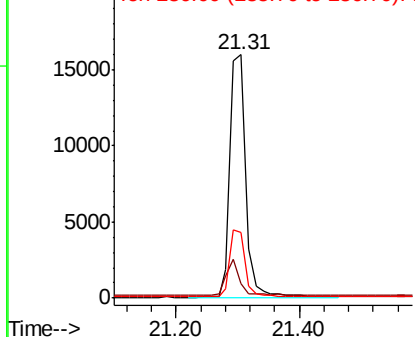


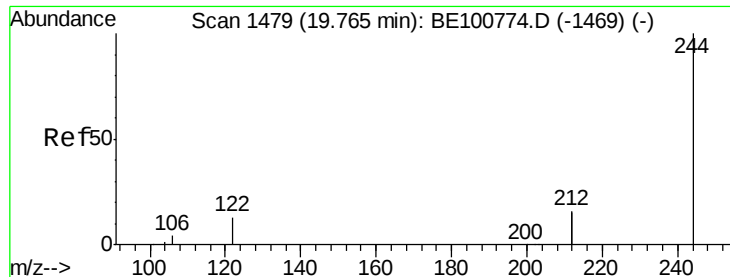
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100891.D
Acq: 13 Dec 2019 17:44

Tgt Ion:240 Resp: 28107
Ion Ratio Lower Upper
240 100
120 5.7 4.0 6.0
236 27.0 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: 0.432 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

Instrument :

BNA_E

ClientSampleId :

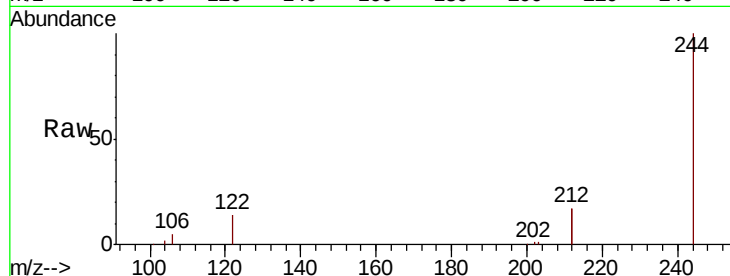
Tot Ion:244 Resp: 29104

Ion Ratio Lower Upper

244 100

212 33.2 25.2 37.8

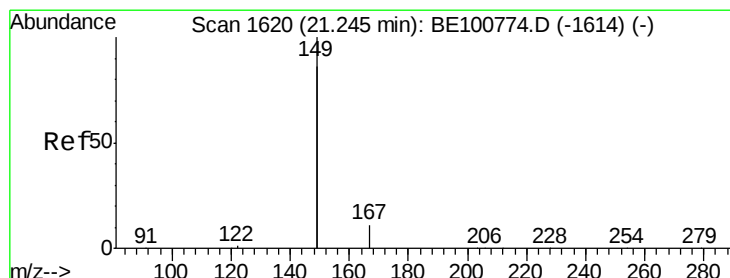
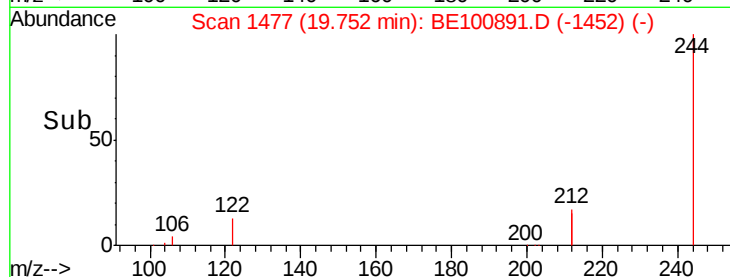
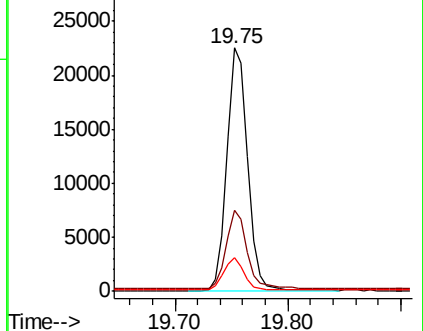
122 13.7 8.9 13.3#



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: 0.637 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

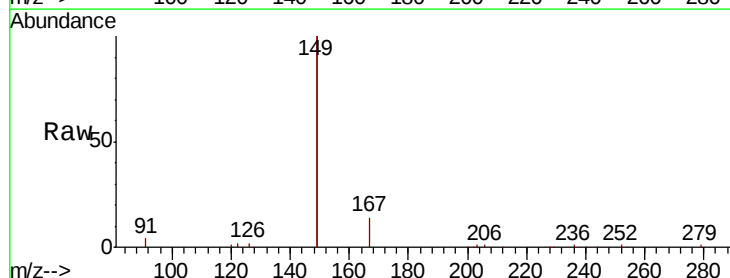
Tgt Ion:149 Resp: 37555

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.4

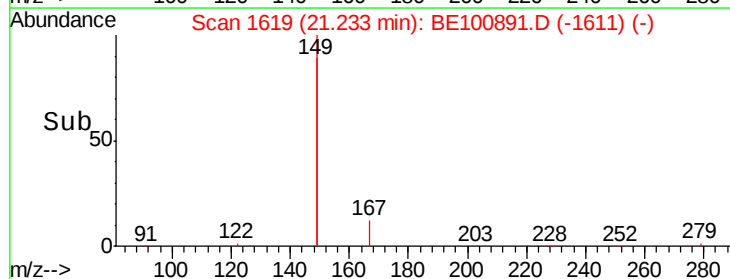
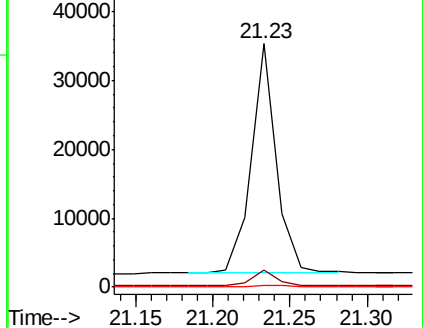
279 0.8 0.6 1.0

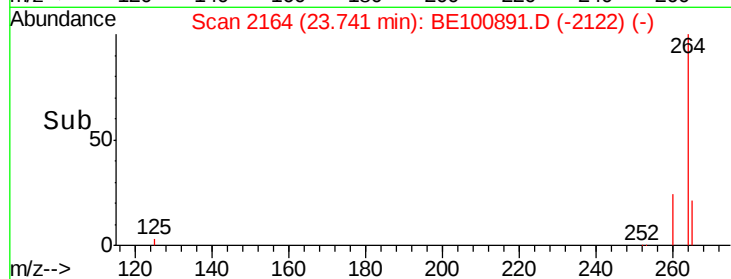
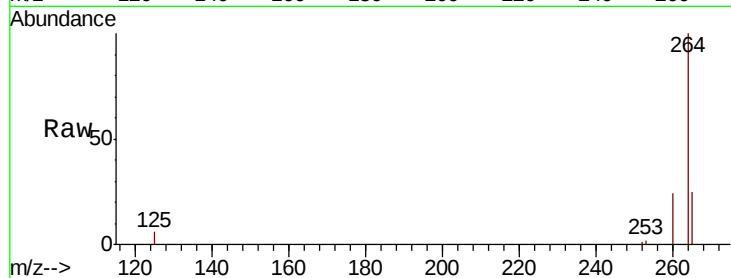


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2164

Delta R.T. -0.00 min

Lab File: BE100891.D

Acq: 13 Dec 2019 17:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 22692

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 25.2 20.1 30.1

