

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100900.D
 Acq On : 14 Dec 2019 00:03
 Operator : JU
 Sample : K6251-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 03:08:27 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

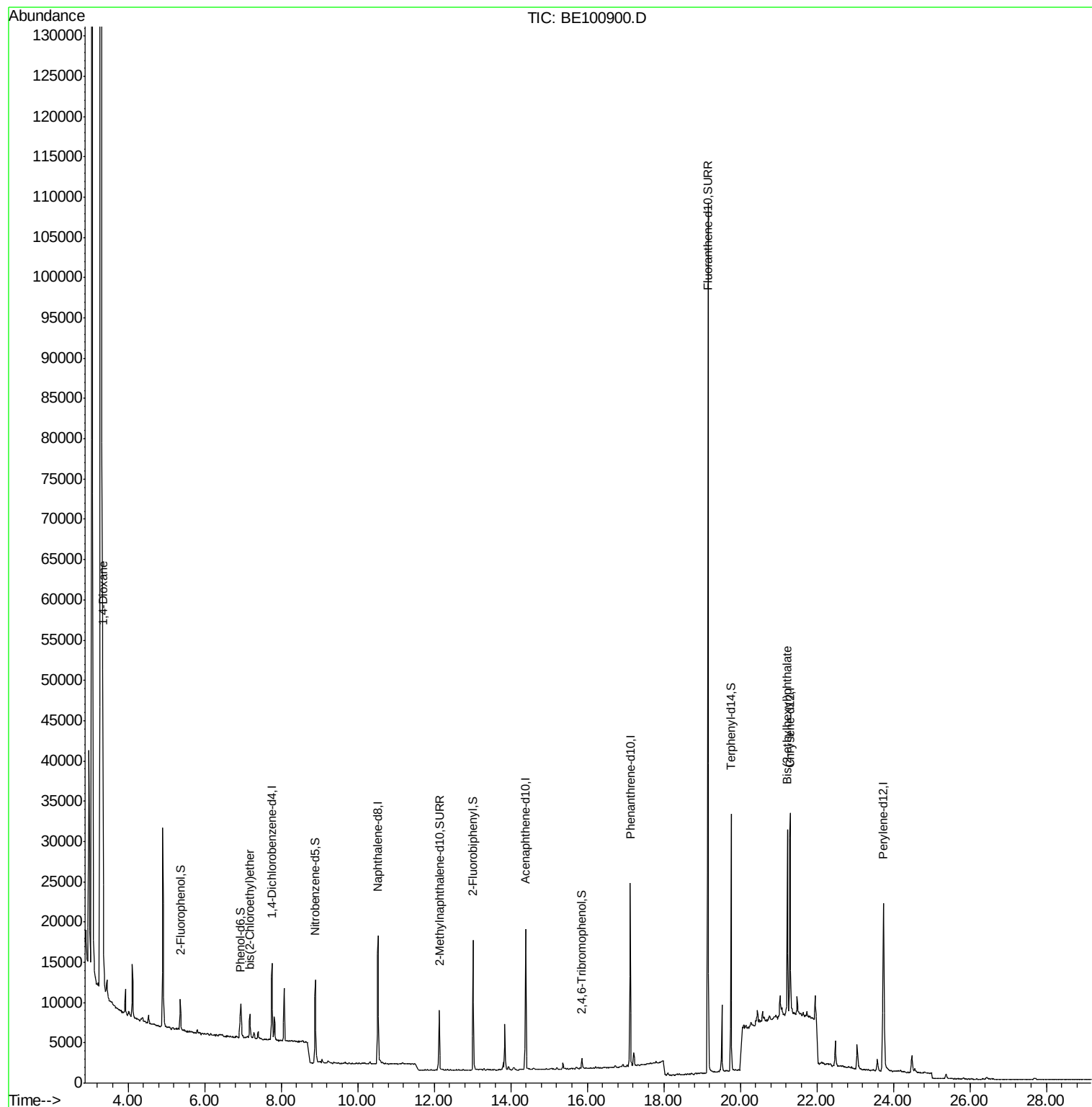
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4308	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19655	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11512	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29732	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28481	0.40	ng	0.00
34) Perylene-d12	23.74	264	31687	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1835	0.18	ng	0.00
5) Phenol-d6	6.93	99	1763	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	4619	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10727	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	769	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14739	0.32	ng	0.00
25) Fluoranthene-d10	19.15	212	144555	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	27837	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	20246	2.578	ng	Qvalue # 87
6) bis(2-Chloroethyl)ether	7.19	93	1166	0.078	ng	97
32) Bis(2-ethylhexyl)phthalate	21.23	149	26229	0.445	ng	100

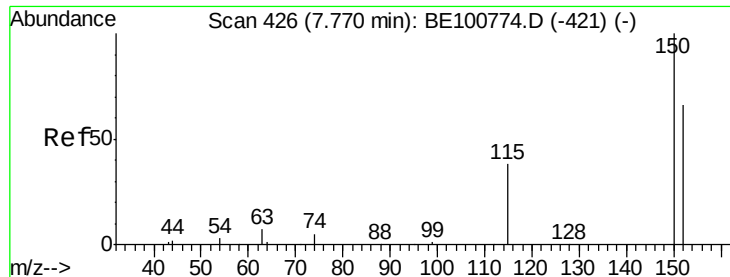
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampled :

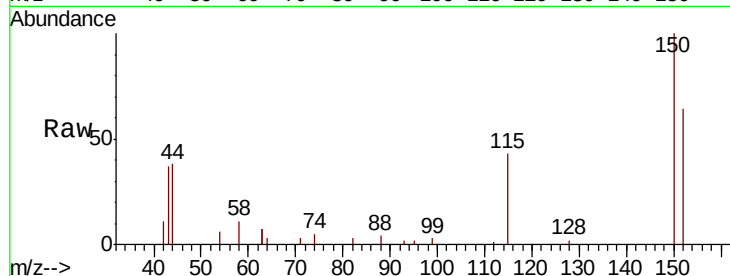
Tot Ion:152 Resp: 4308

Ion Ratio Lower Upper

152 100

150 156.6 125.5 188.3

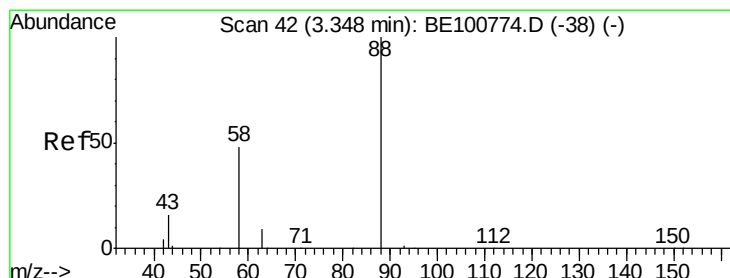
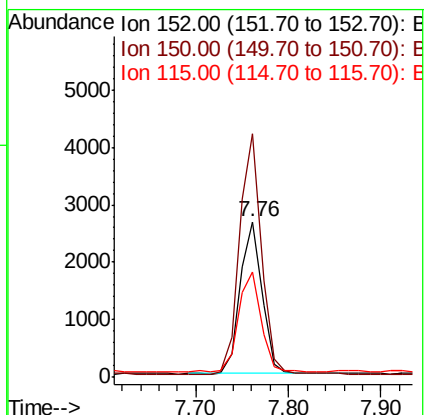
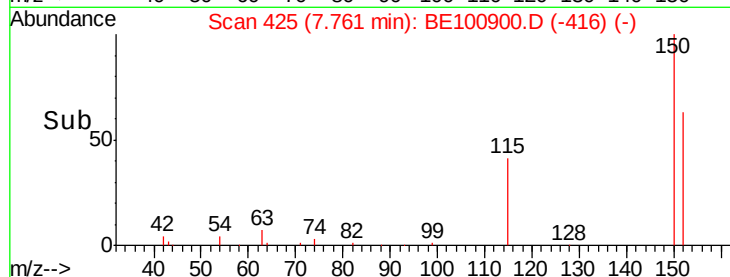
115 67.7 55.7 83.5



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: 2.578 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

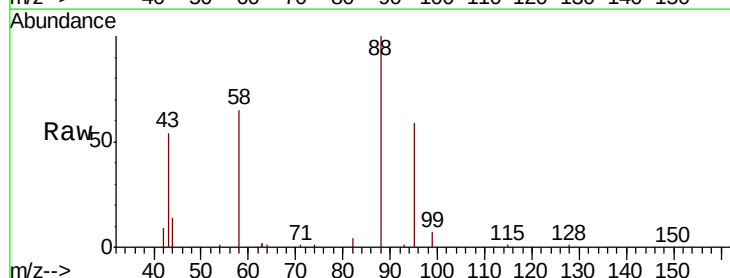
Tgt Ion: 88 Resp: 20246

Ion Ratio Lower Upper

88 100

58 74.6 52.3 78.5

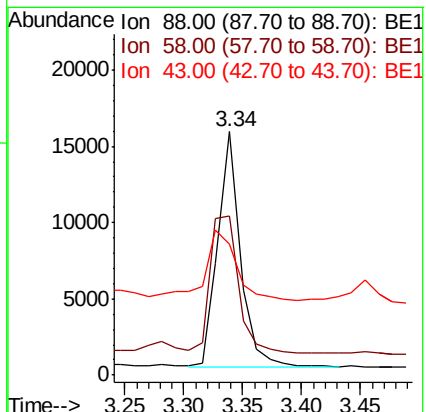
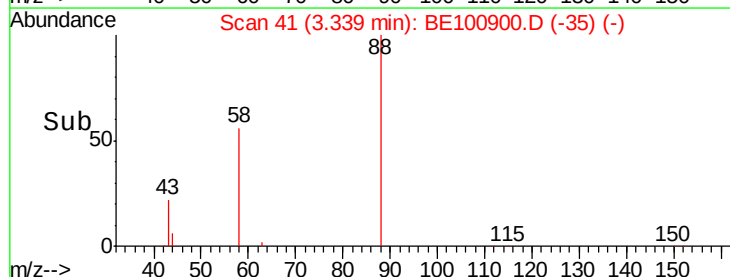
43 37.8 23.5 35.3#

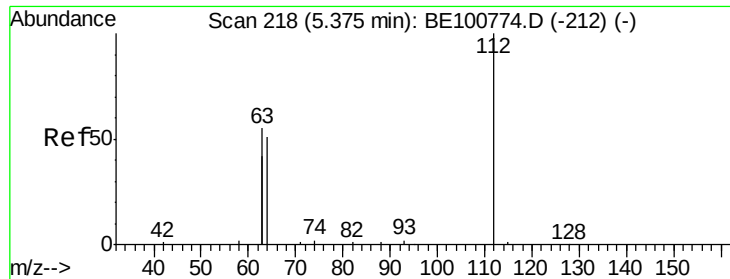


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.179 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampled :

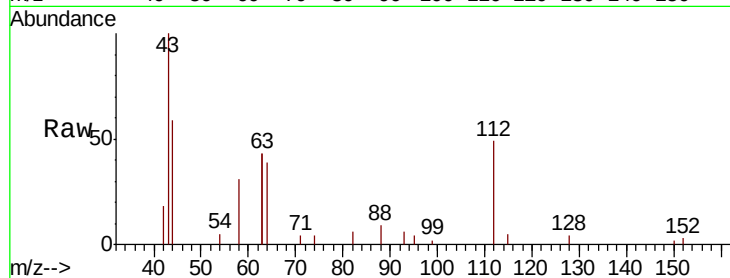
Tot Ion:112 Resp: 1835

Ion Ratio Lower Upper

112 100

64 70.1 54.5 81.7

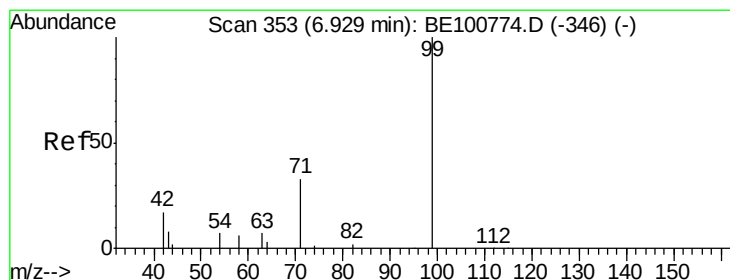
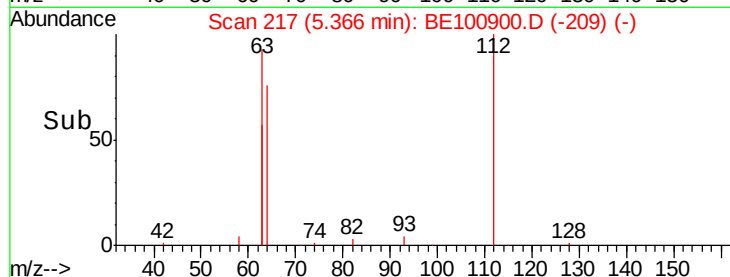
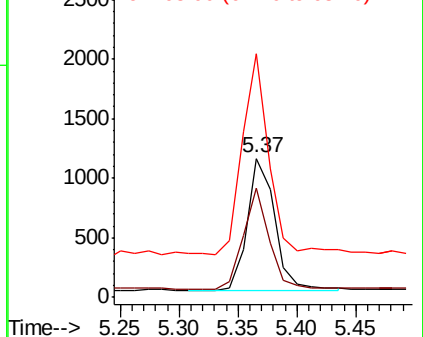
63 140.8 116.1 174.1



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: 0.114 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

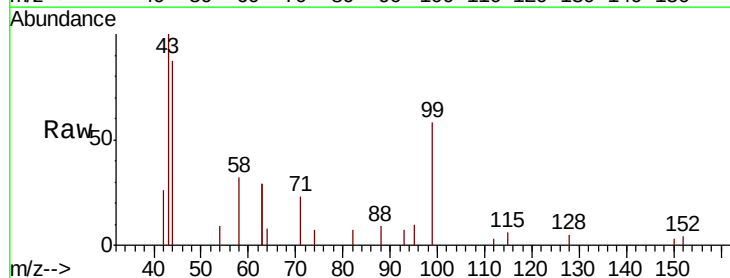
Tgt Ion: 99 Resp: 1763

Ion Ratio Lower Upper

99 100

42 40.4 18.2 27.2#

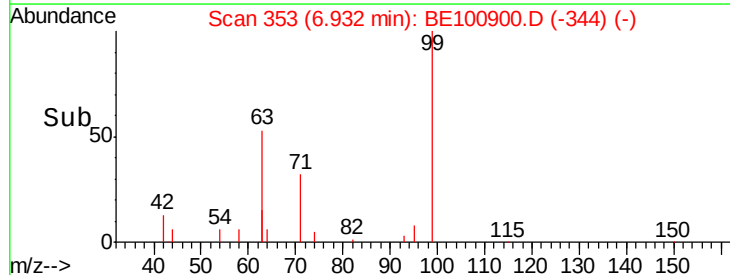
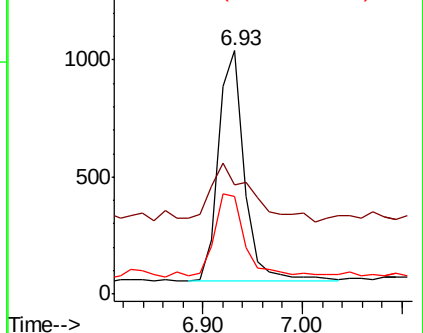
71 44.0 29.1 43.7#

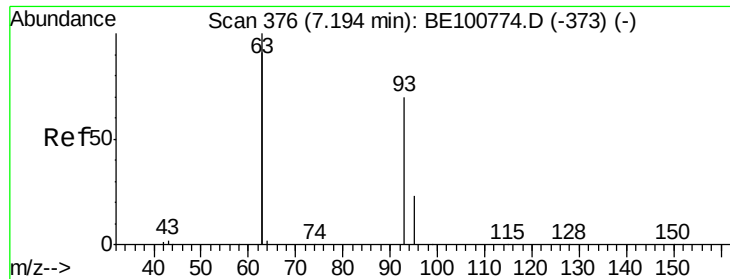


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.078 ng

RT: 7.19 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampleId :

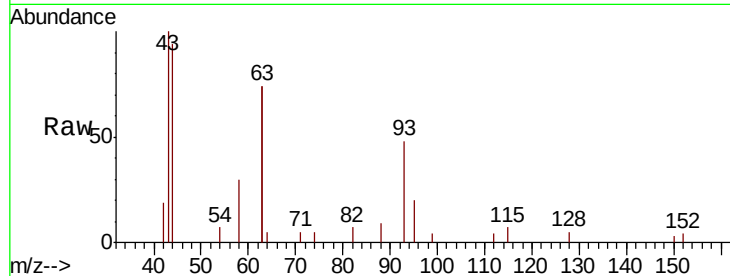
Tot Ion: 93 Resp: 1166

Ion Ratio Lower Upper

93 100

63 311.4 253.9 380.9

95 34.6 25.0 37.6

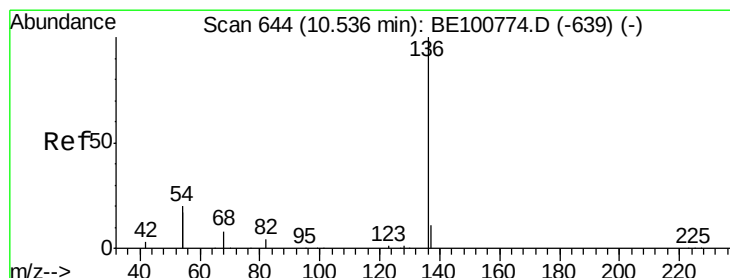
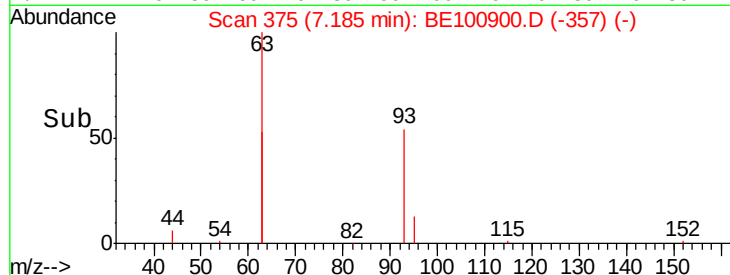
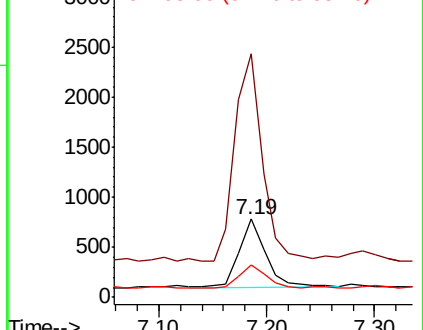


Abundance

Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Tgt Ion: 136 Resp: 19655

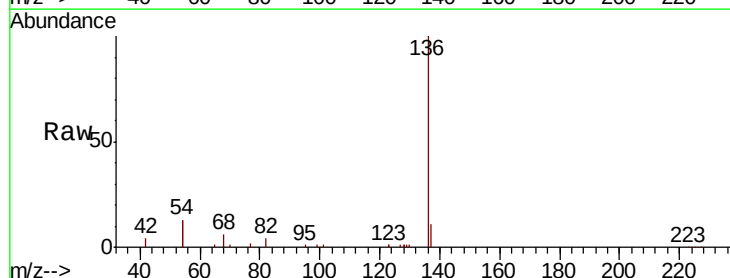
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 25.1 18.9 28.3

68 5.6 4.6 6.8



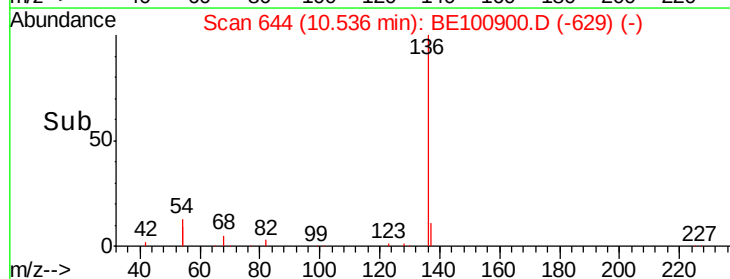
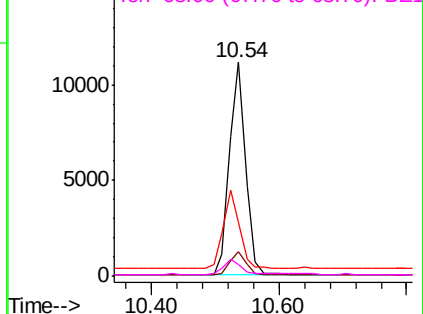
Abundance

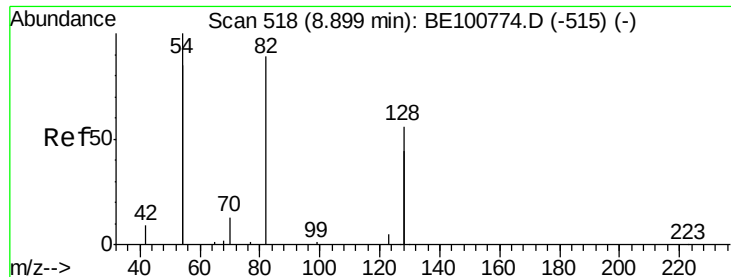
Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.493 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampleId :

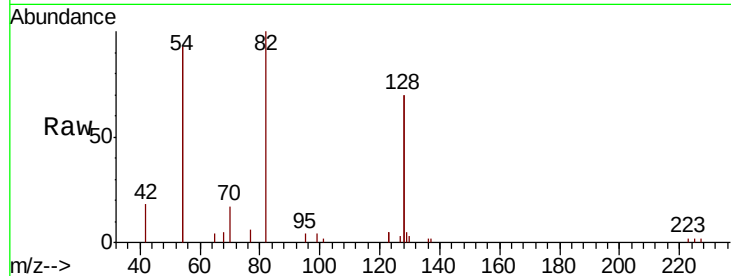
Tot Ion: 82 Resp: 4619

Ion Ratio Lower Upper

82 100

128 140.1 113.5 170.3

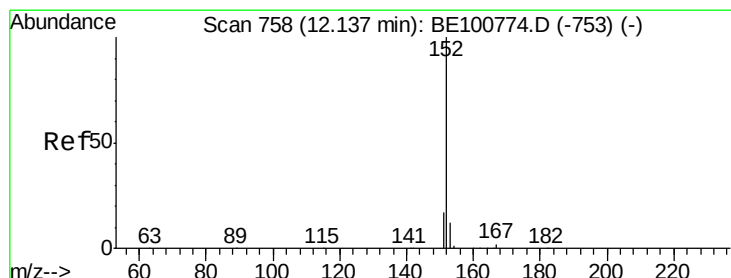
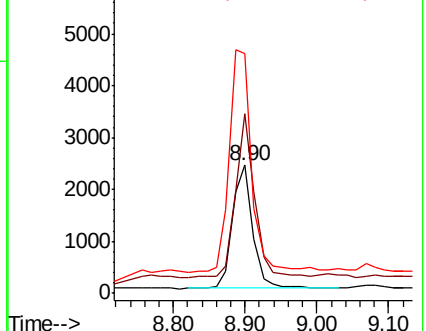
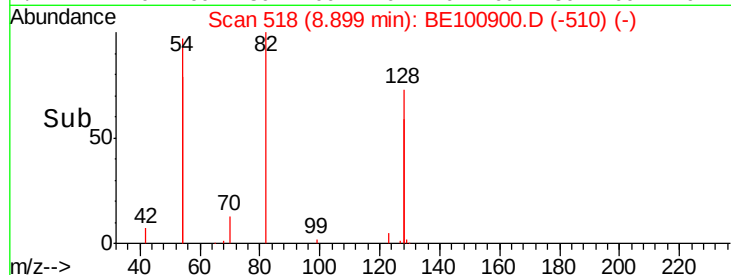
54 186.6 138.9 208.3



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: 0.377 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100900.D

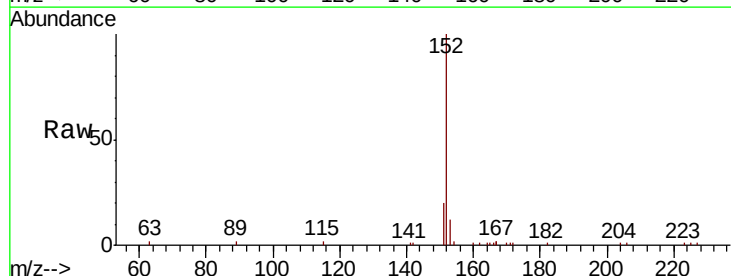
Acq: 14 Dec 2019 00:03

Tgt Ion: 152 Resp: 10727

Ion Ratio Lower Upper

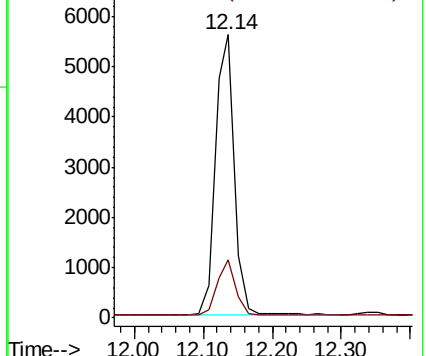
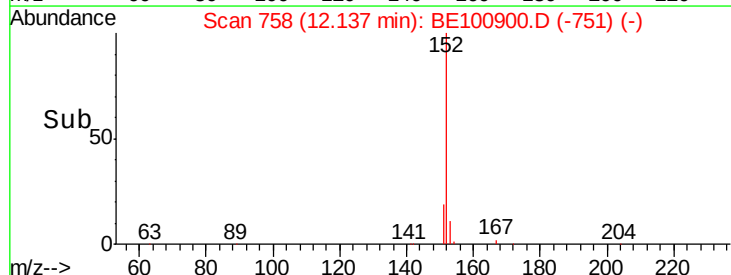
152 100

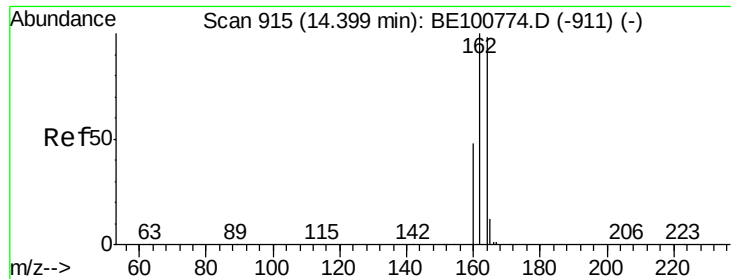
151 19.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

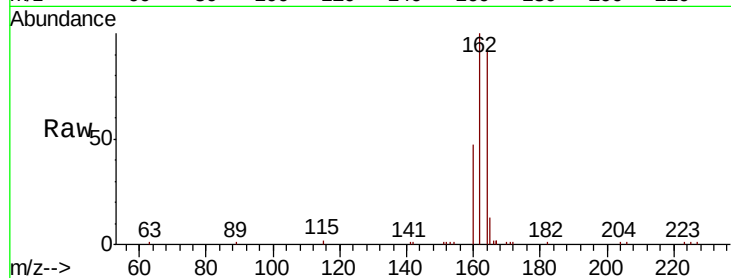




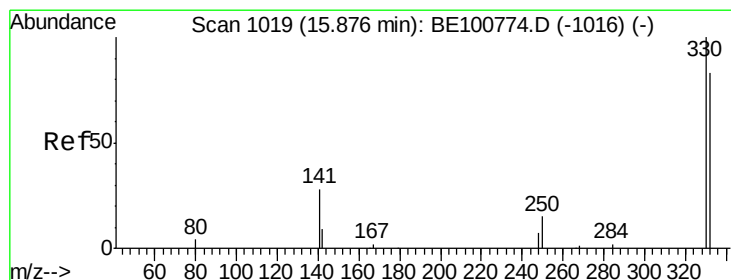
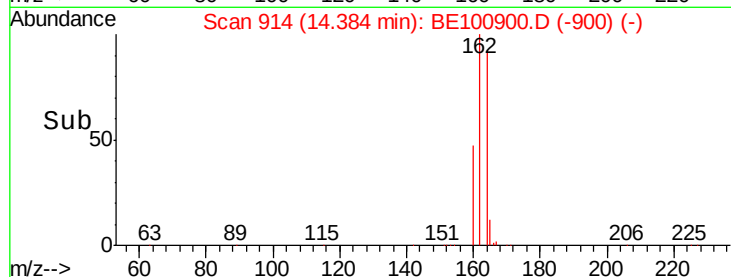
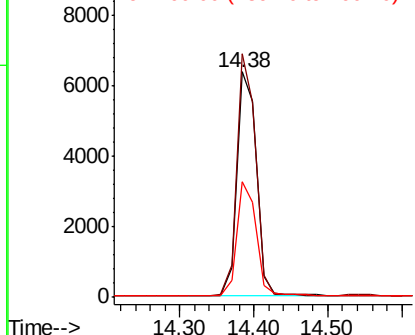
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 11512
Ion Ratio Lower Upper
164 100
162 108.1 86.0 129.0
160 51.3 42.3 63.5

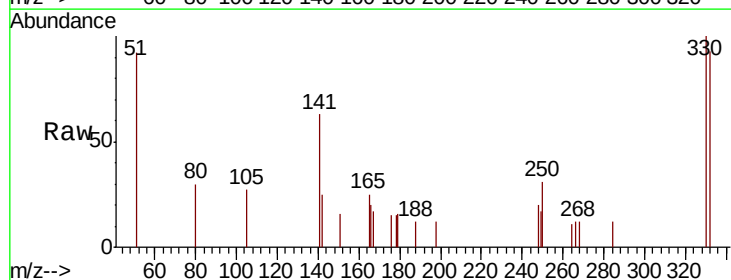


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

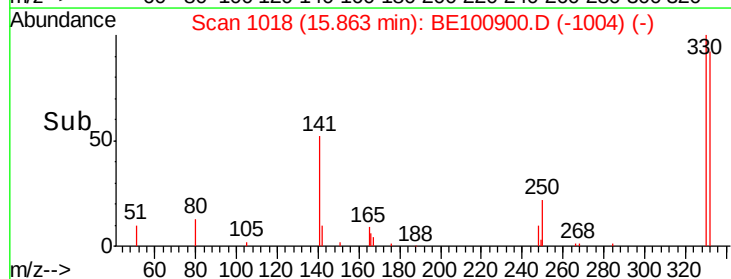
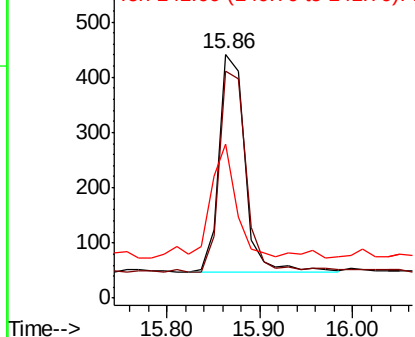


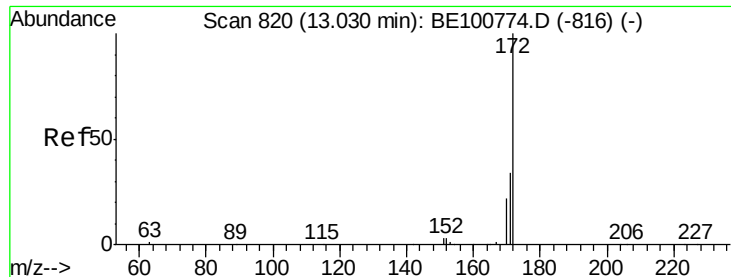
#14
2,4,6-Tribromophenol
Concen: 0.601 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

Tgt Ion:330 Resp: 769
Ion Ratio Lower Upper
330 100
332 93.0 74.1 111.1
141 54.1 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

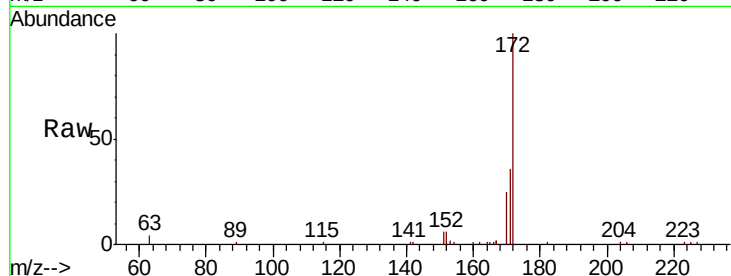




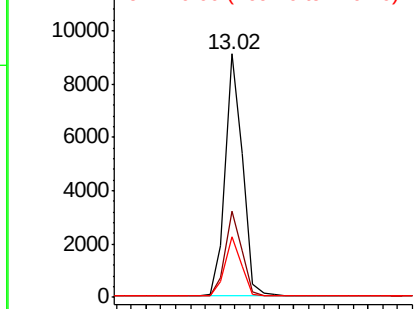
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

Instrument :
BNA_E
ClientSampleId :

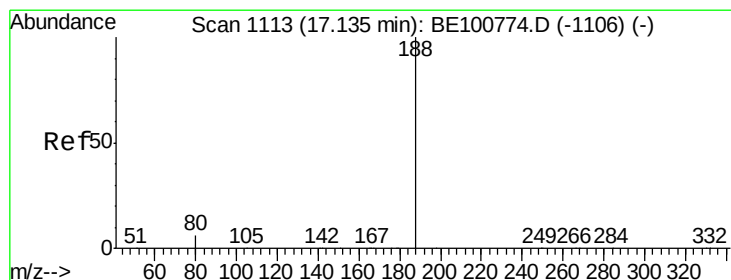
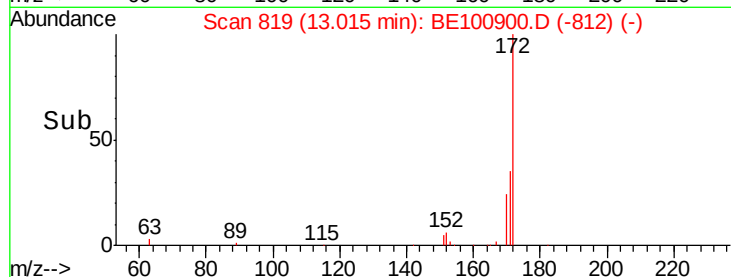
Tot Ion:172 Resp: 14739
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 24.7 19.4 29.0



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

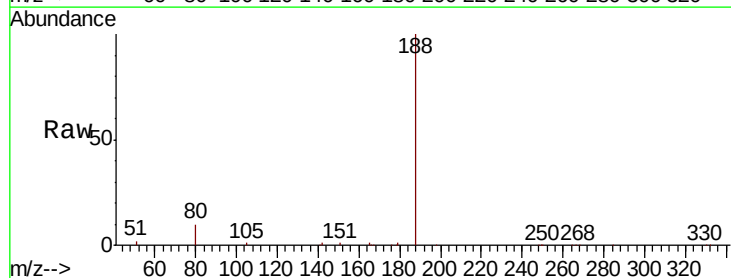


Time--> 12.90 13.00 13.10 13.20

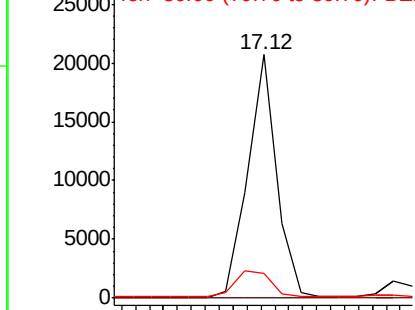


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

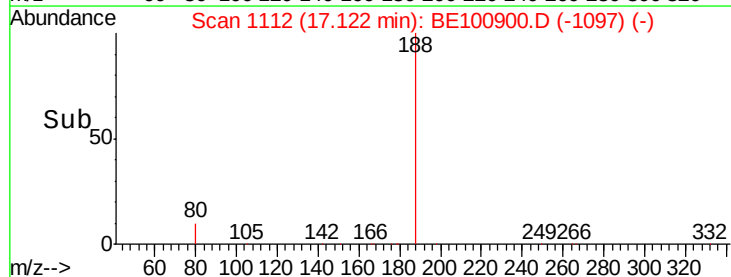
Tgt Ion:188 Resp: 29732
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.9 11.9

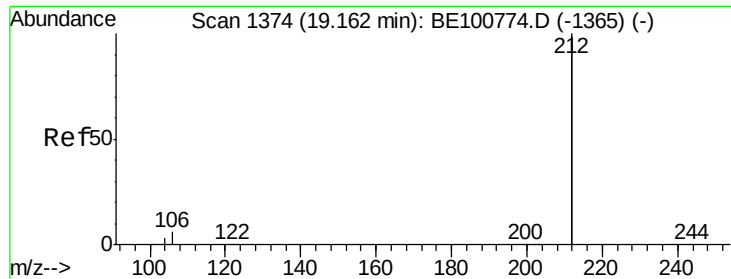


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1



Time--> 17.05 17.10 17.15 17.20

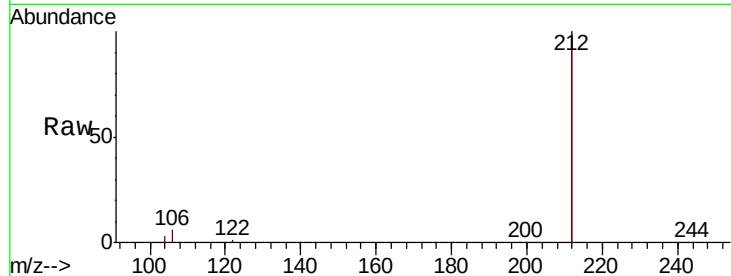




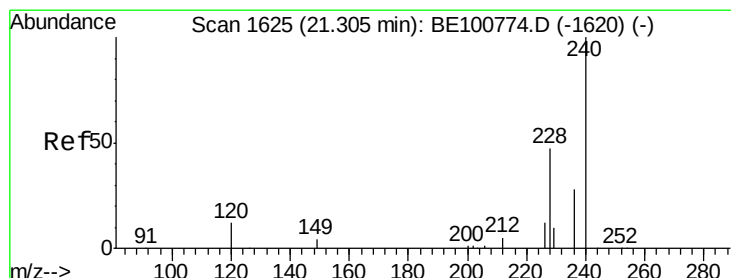
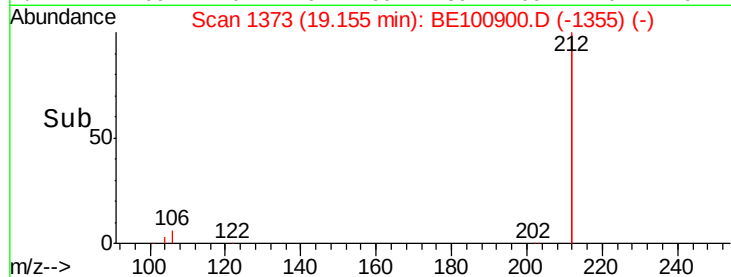
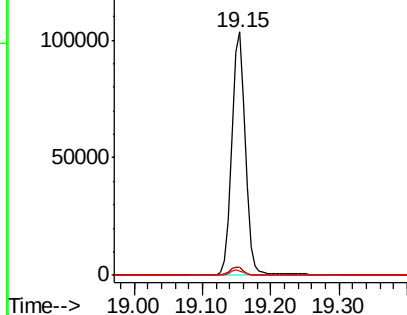
#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.15 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 144555
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.9 1.4 2.2

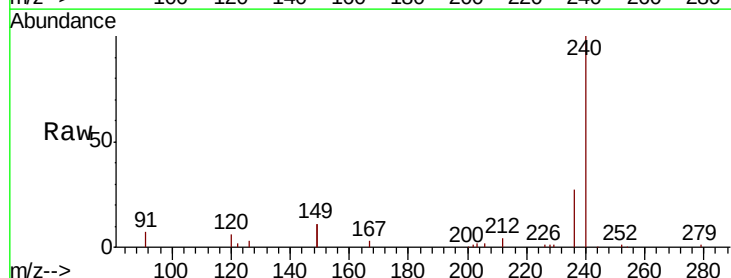


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

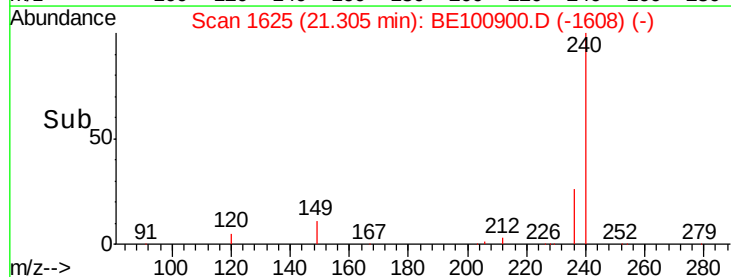
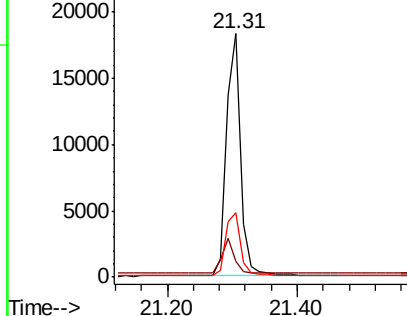


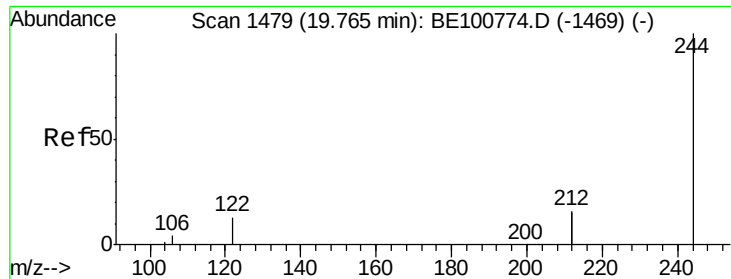
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

Tgt Ion:240 Resp: 28481
Ion Ratio Lower Upper
240 100
120 6.5 4.0 6.0#
236 26.6 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: 0.408 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampled :

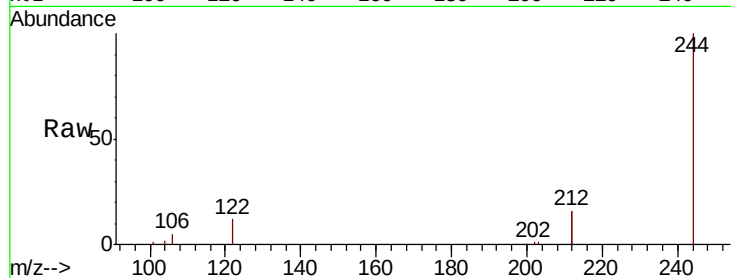
Tot Ion:244 Resp: 27837

Ion Ratio Lower Upper

244 100

212 32.8 25.2 37.8

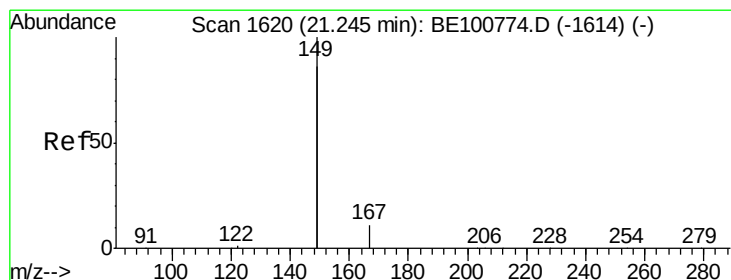
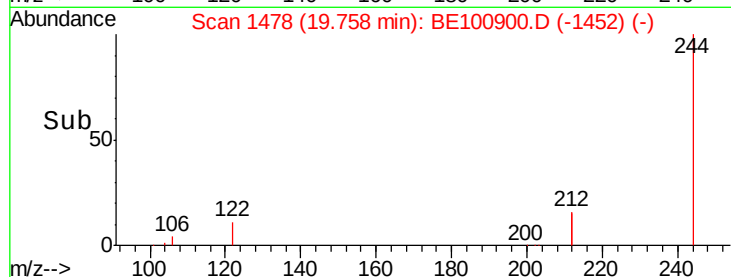
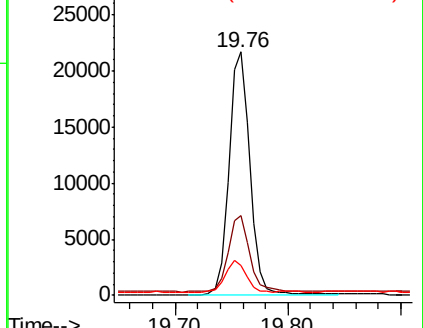
122 12.4 8.9 13.3



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: 0.445 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

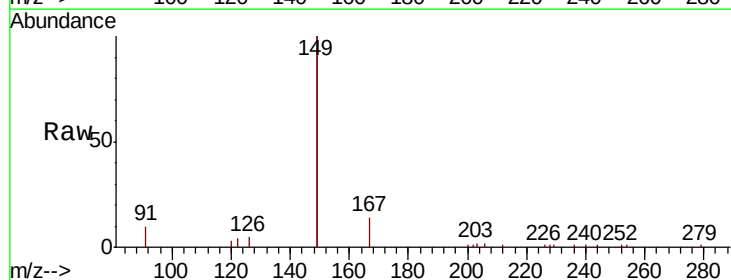
Tgt Ion:149 Resp: 26229

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.4

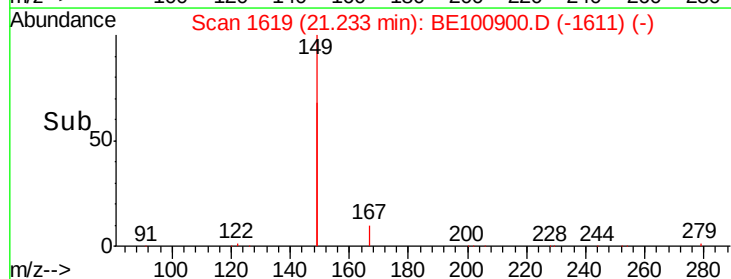
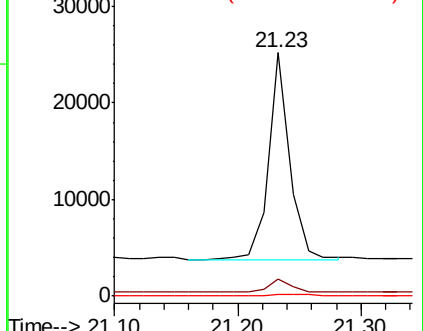
279 0.8 0.6 1.0

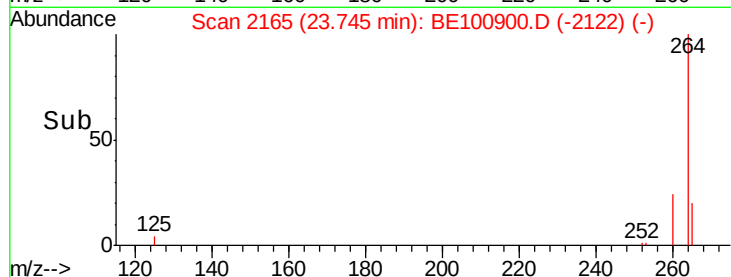
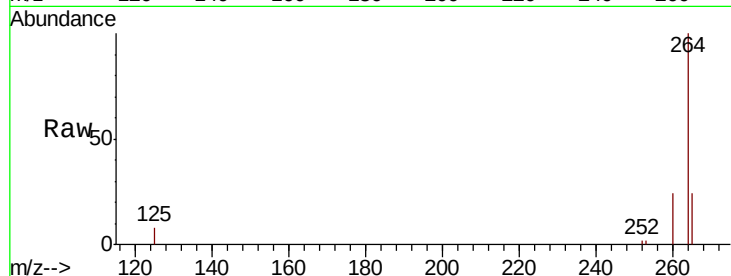
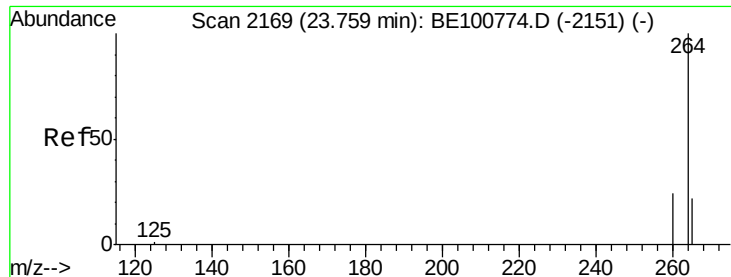


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2165

Delta R.T. 0.00 min

Lab File: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 31687

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 23.9 20.1 30.1

