

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 :
 RE105D2-20191206

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

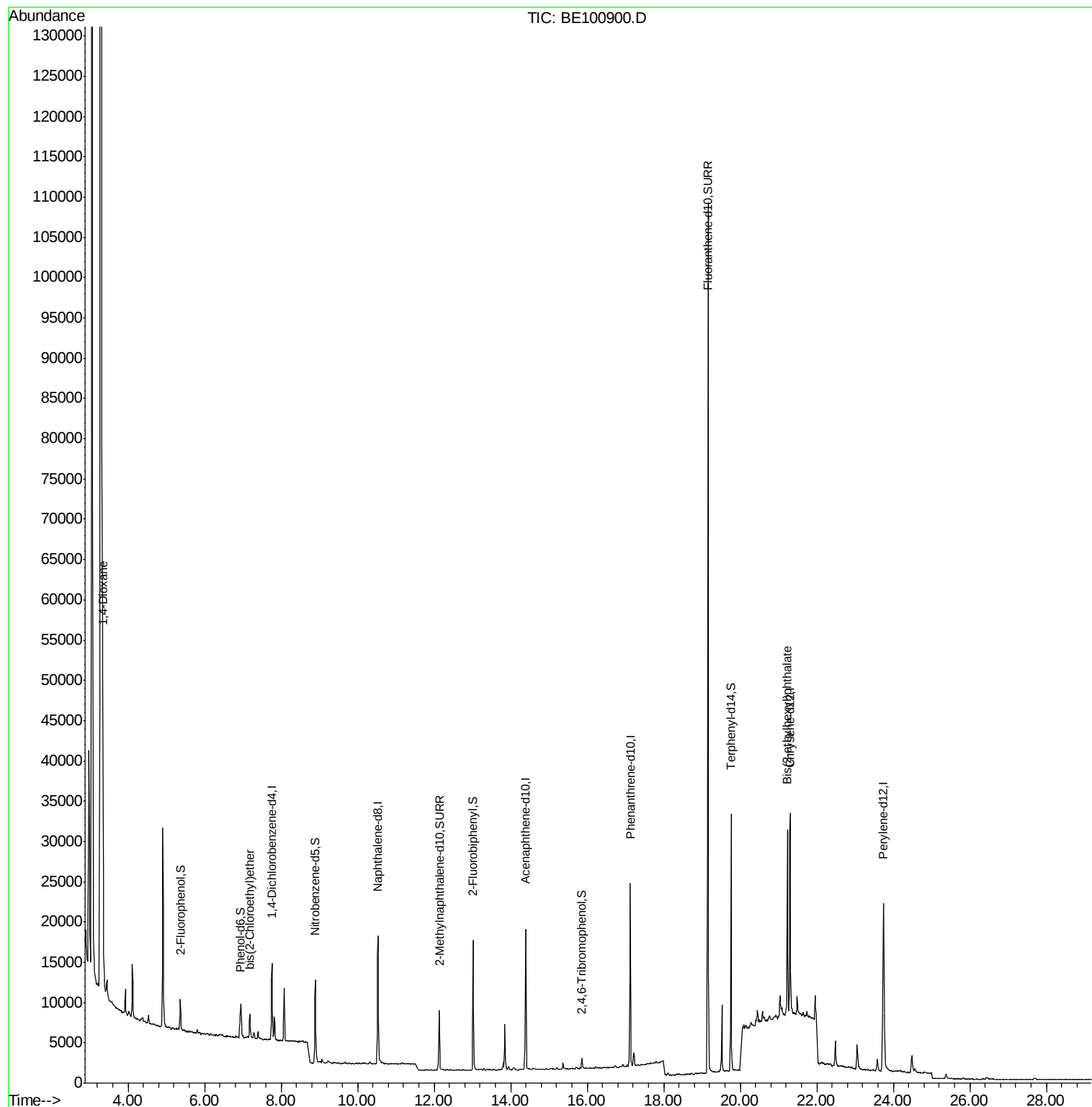
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4308	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19655	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11512	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29732	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28481	0.40	ng	0.00
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

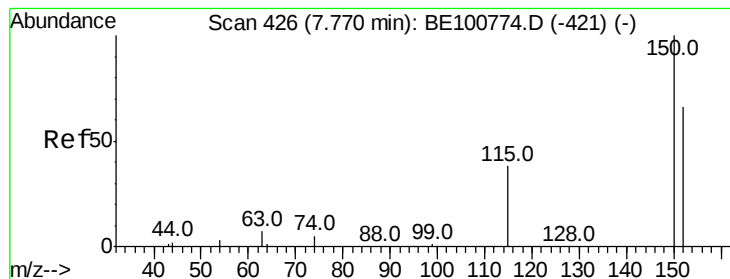
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant 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
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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: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampleId :

RE105D2-20191206

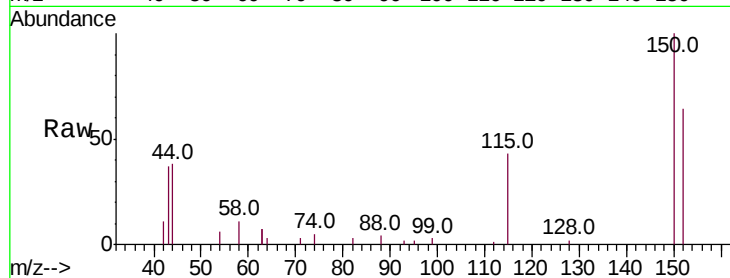
Tot Ion:152 Resp: 4308

Ion Ratio Lower Upper

152 100

150 156.6 125.5 188.3

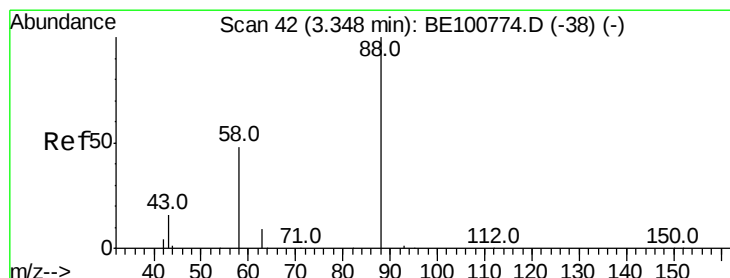
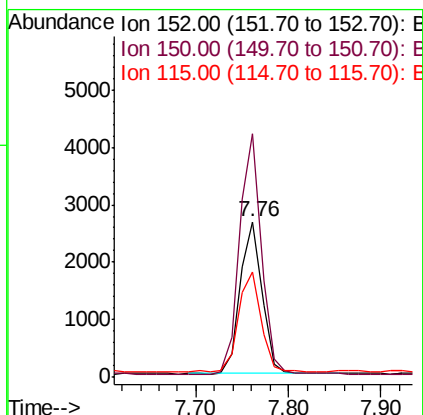
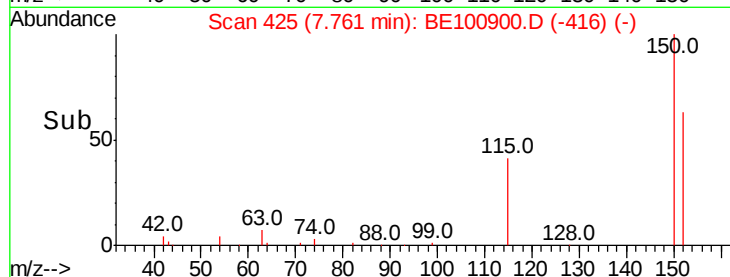
115 67.7 55.7 83.5



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

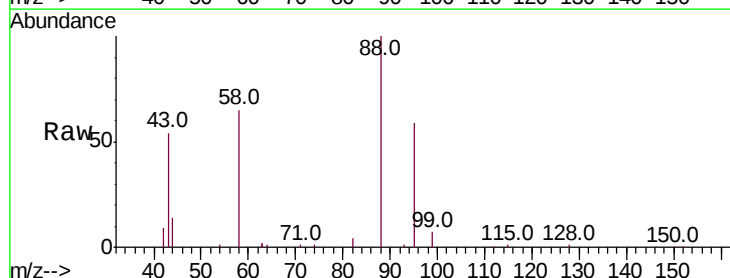
Tgt Ion: 88 Resp: 20246

Ion Ratio Lower Upper

88 100

58 74.6 52.3 78.5

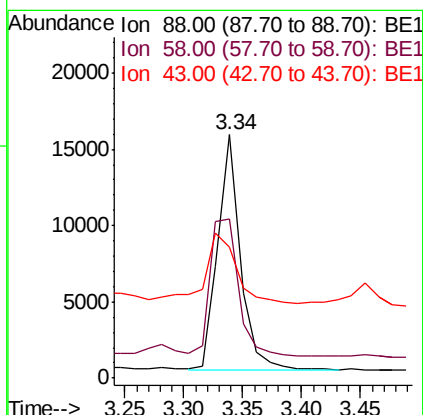
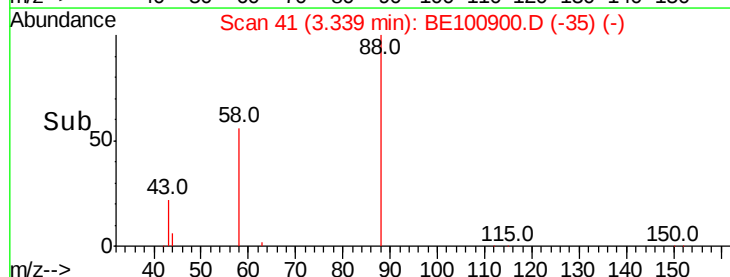
43 37.8 23.5 35.3#

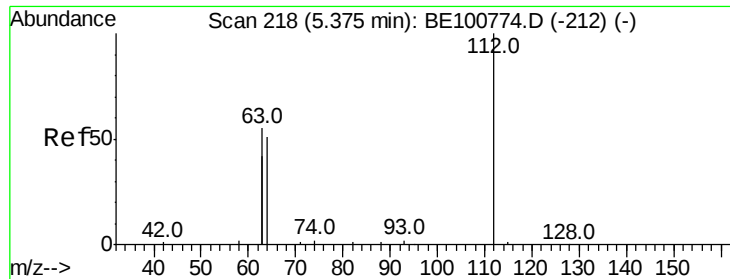


Abundance Ion 88.00 (87.70 to 88.70): BE1

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 :

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RE105D2-20191206

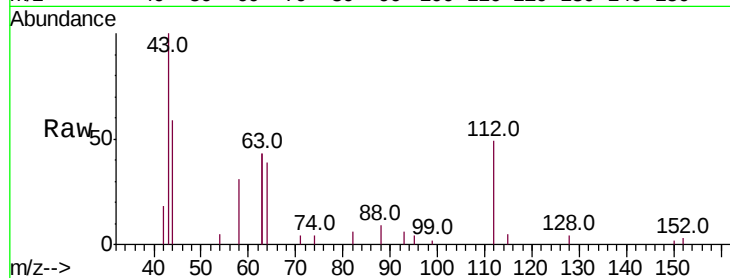
Tot Ion:112 Resp: 1835

Ion Ratio Lower Upper

112 100

64 70.1 54.5 81.7

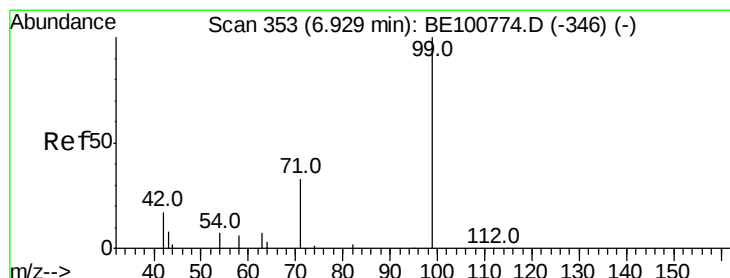
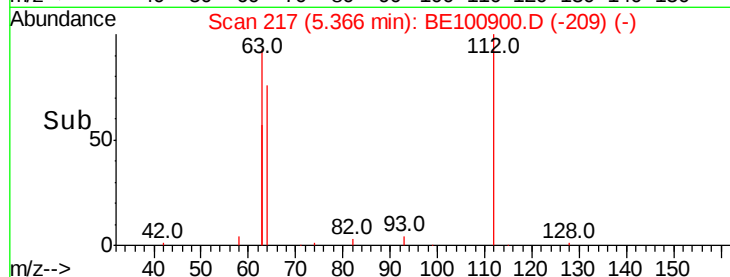
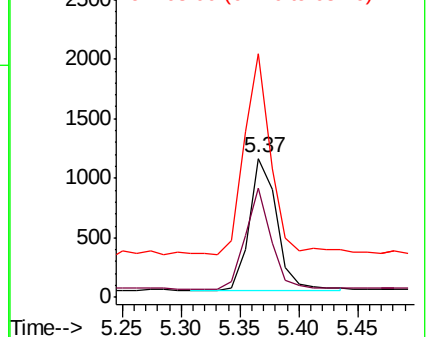
63 140.8 116.1 174.1



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

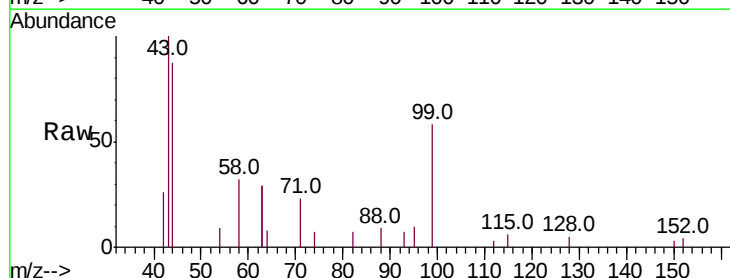
Tgt Ion: 99 Resp: 1763

Ion Ratio Lower Upper

99 100

42 40.4 18.2 27.2#

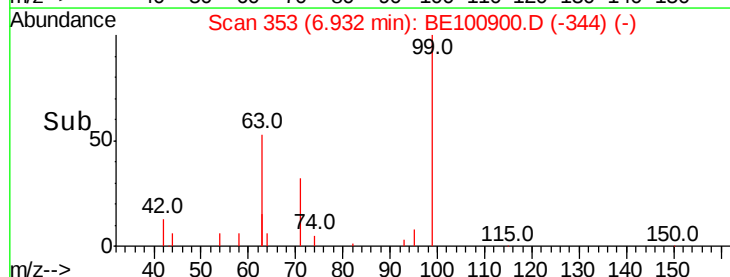
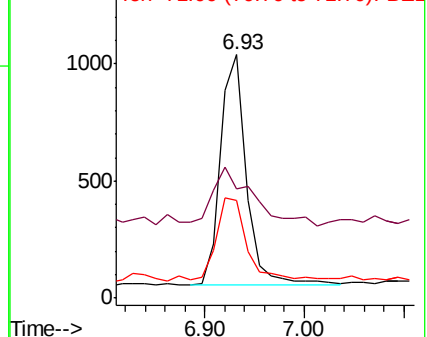
71 44.0 29.1 43.7#

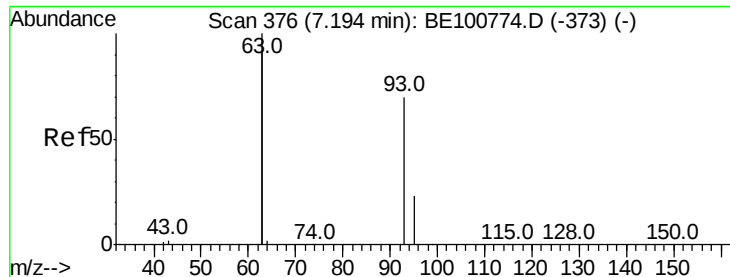


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

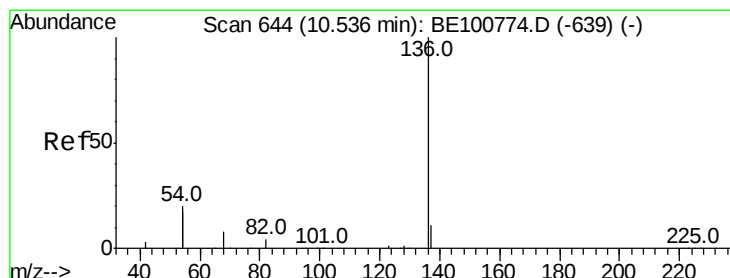
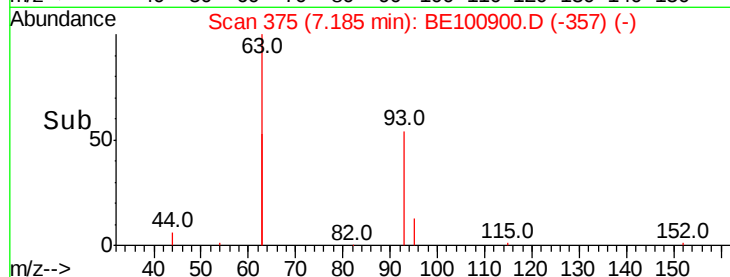
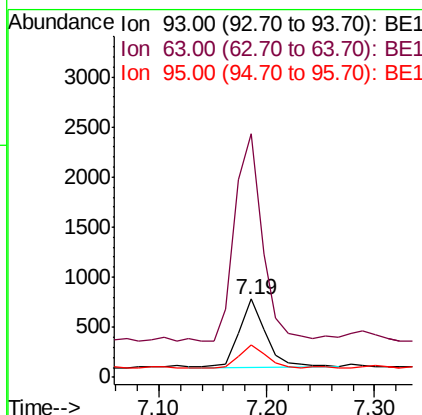
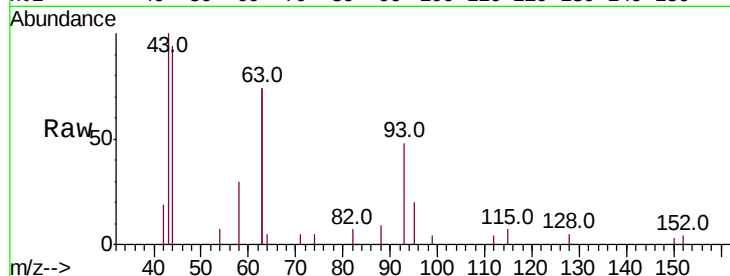




#6
 bis(2-Chloroethyl)ether
 Concen: 0.078 ng
 RT: 7.19 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: BE100900.D
 Acq: 14 Dec 2019 00:03

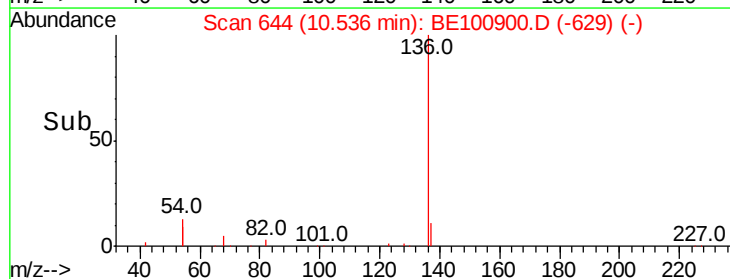
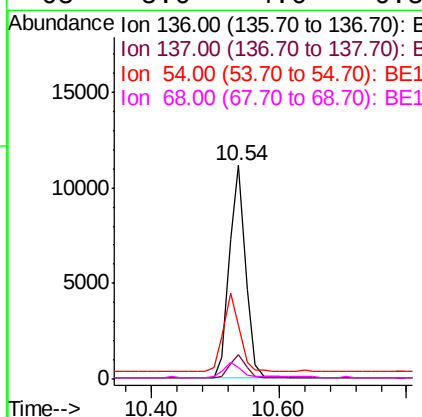
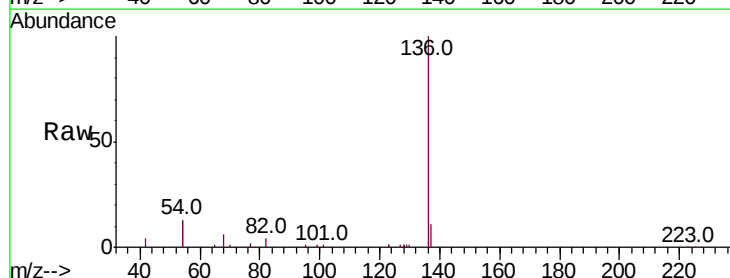
Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20191206

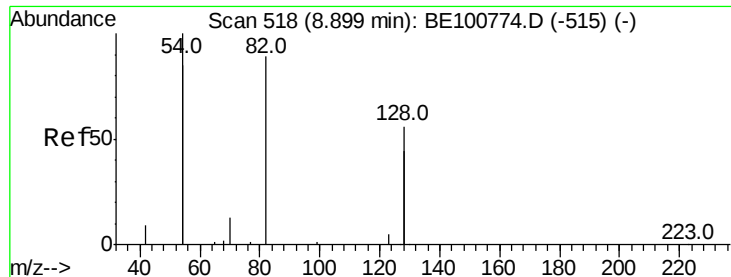
Tot Ion:	93	Resp:	1166
Ion	Ratio	Lower	Upper
93	100		
63	311.4	253.9	380.9
95	34.6	25.0	37.6



#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

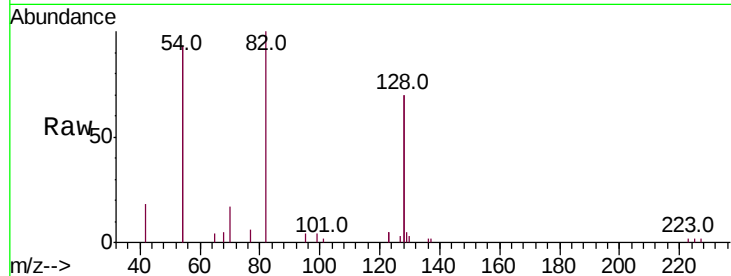




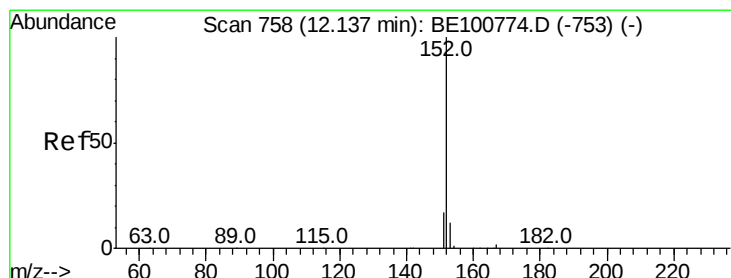
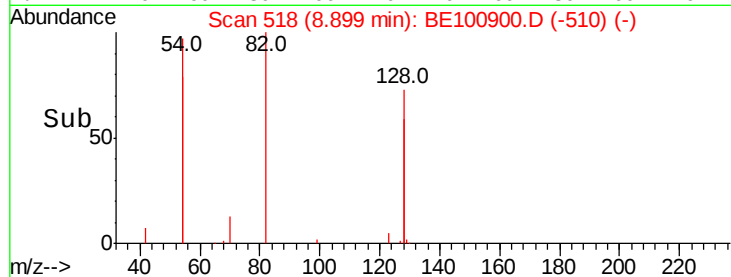
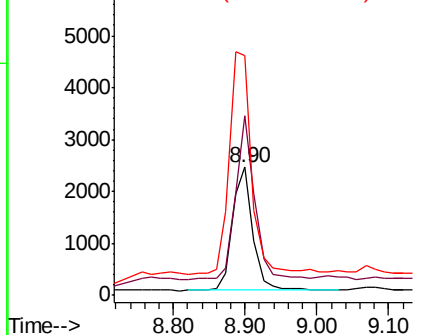
#8
 Nitrobenzene-d5
 Concen: 0.493 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BE100900.D
 Acq: 14 Dec 2019 00:03

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20191206

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

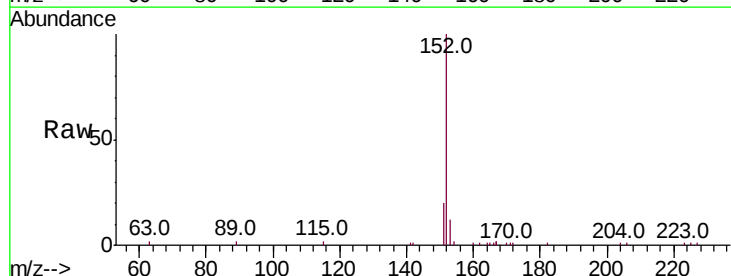


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

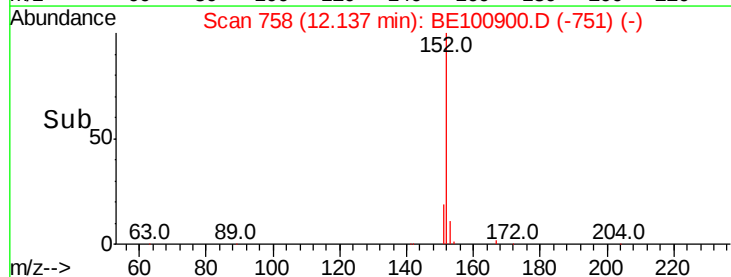
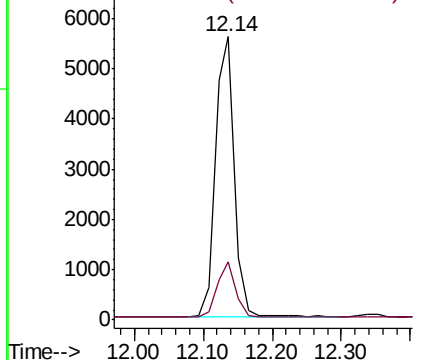


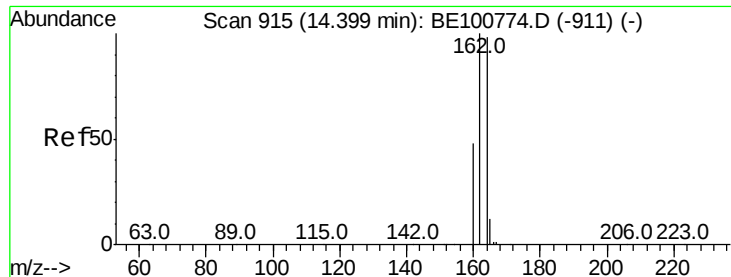
#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100900.D
 Acq: 14 Dec 2019 00:03

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): 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: BE100900.D

Acq: 14 Dec 2019 00:03

Instrument :

BNA_E

ClientSampleId :

RE105D2-20191206

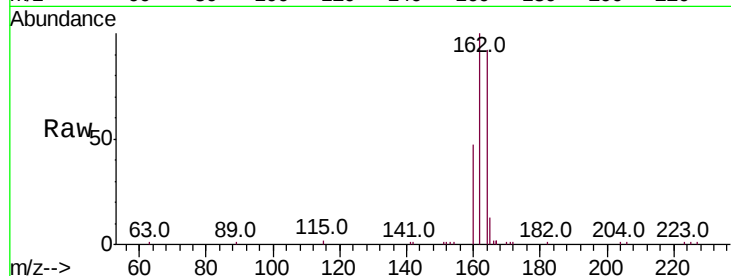
Tot Ion:164 Resp: 11512

Ion Ratio Lower Upper

164 100

162 108.1 86.0 129.0

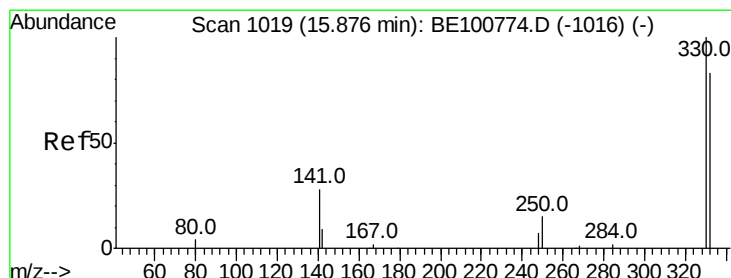
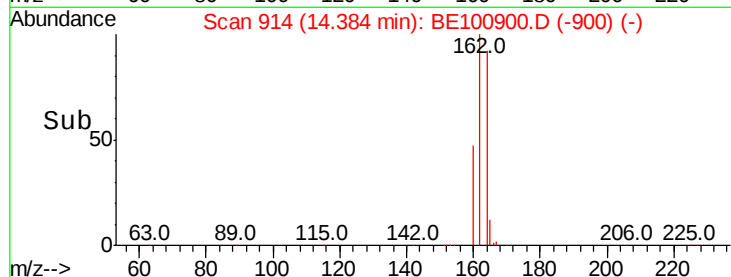
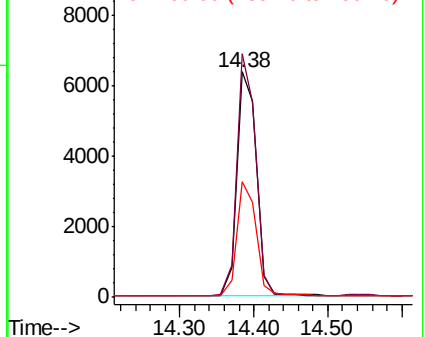
160 51.3 42.3 63.5



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

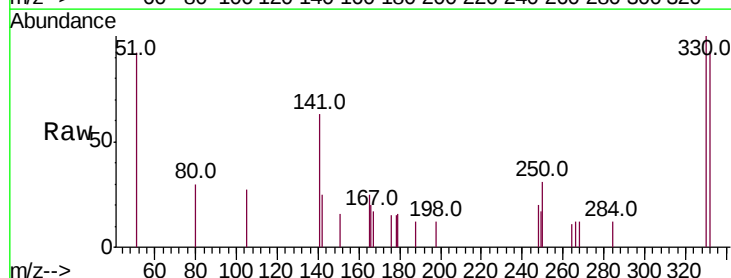
Tgt Ion:330 Resp: 769

Ion Ratio Lower Upper

330 100

332 93.0 74.1 111.1

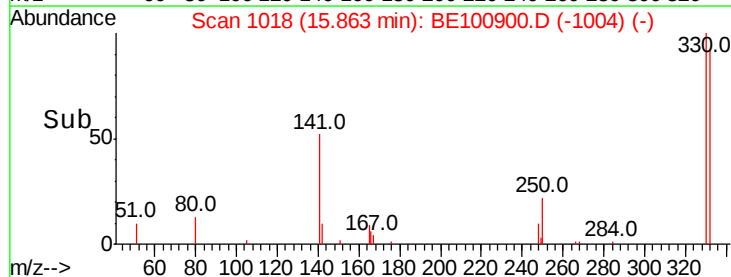
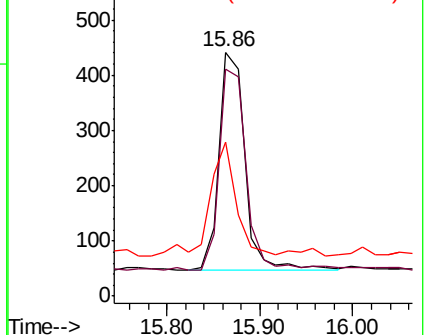
141 54.1 46.7 70.1

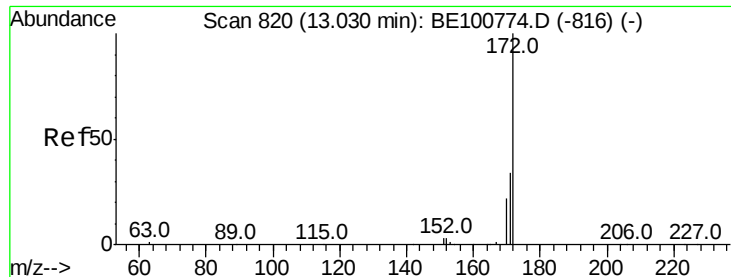


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

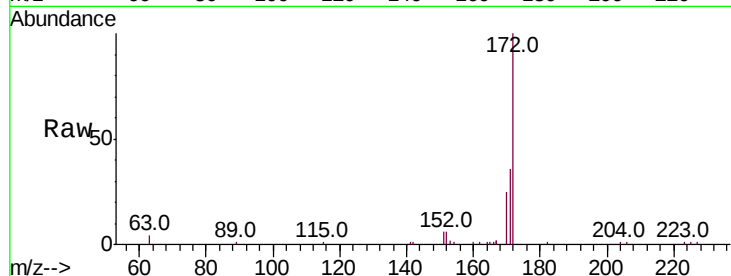




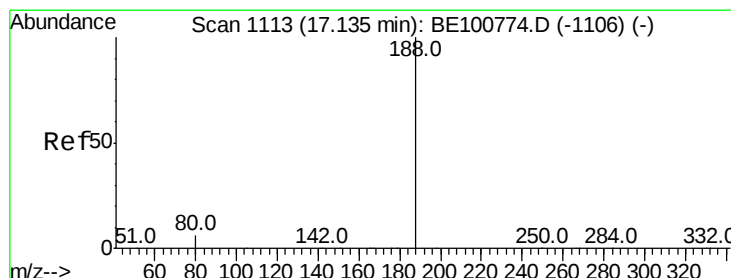
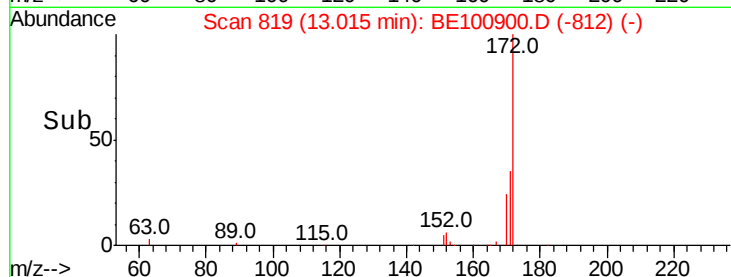
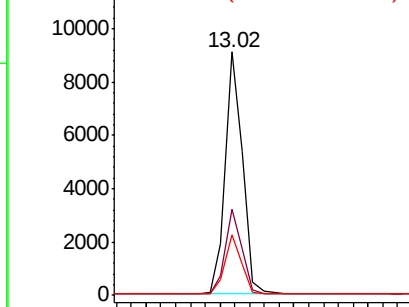
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

Instrument :
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ClientSampleId :
RE105D2-20191206

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

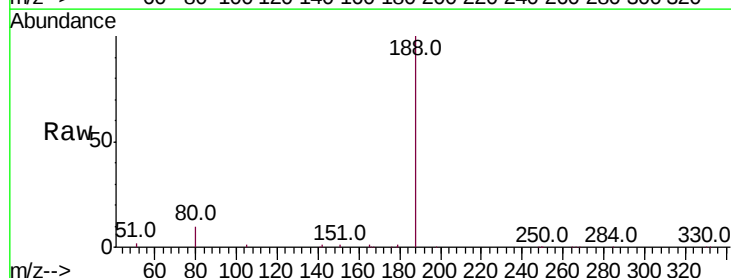


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

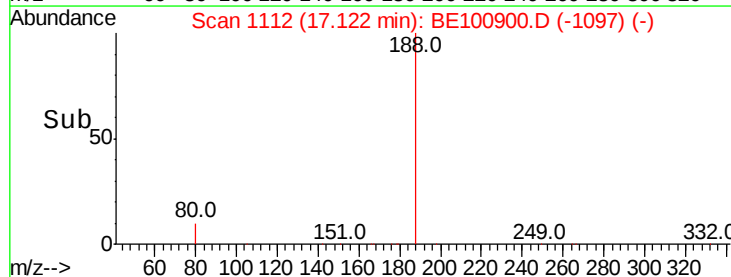
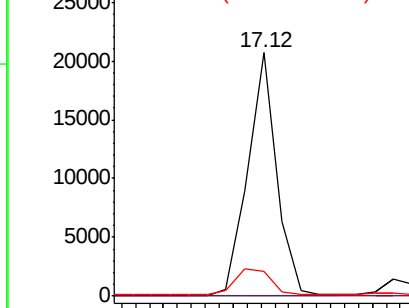


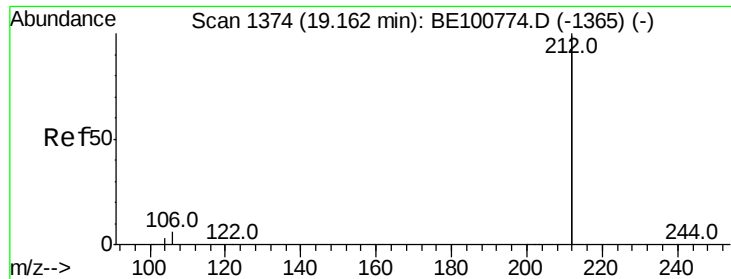
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100900.D
Acq: 14 Dec 2019 00:03

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





#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 :

RE105D2-20191206

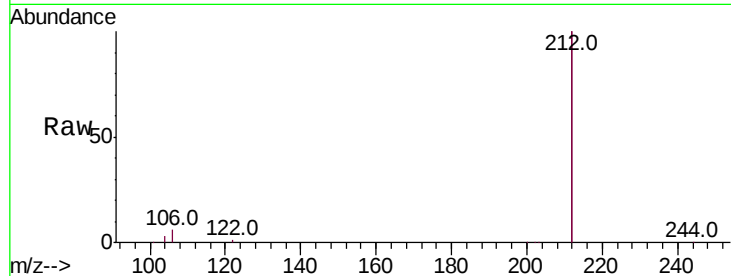
Tot Ion:212 Resp: 144555

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

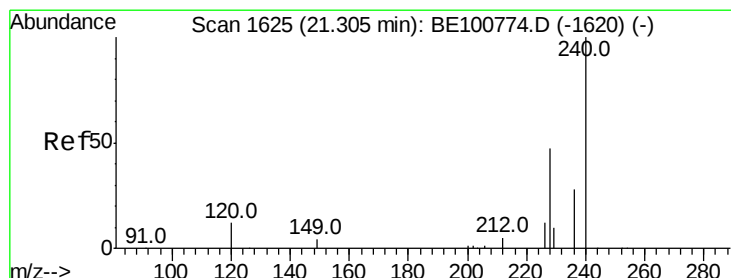
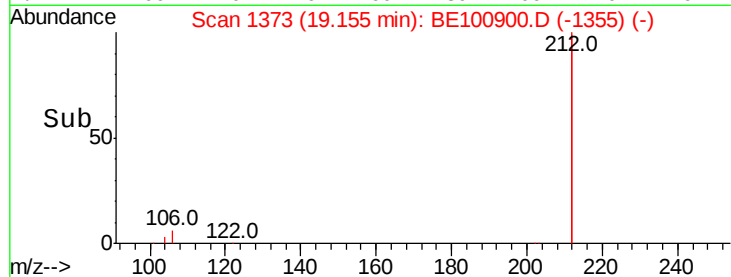
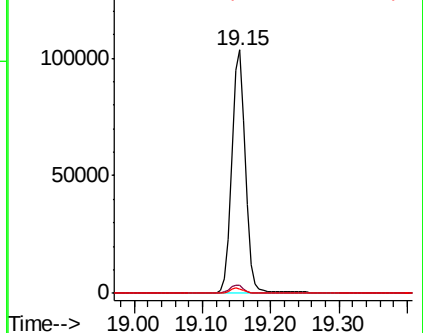
104 1.9 1.4 2.2



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

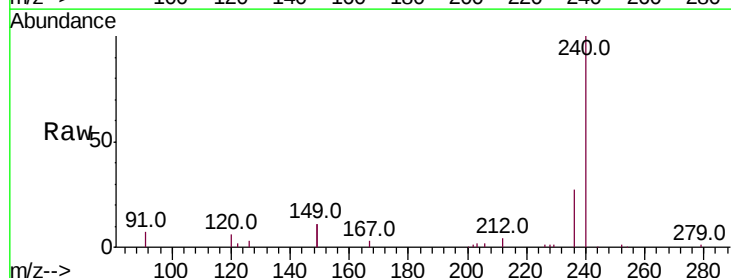
Tgt Ion:240 Resp: 28481

Ion Ratio Lower Upper

240 100

120 6.5 4.0 6.0#

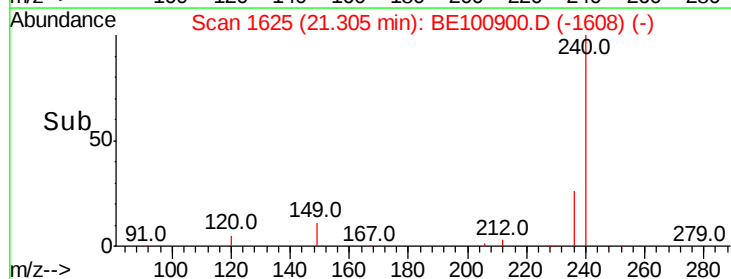
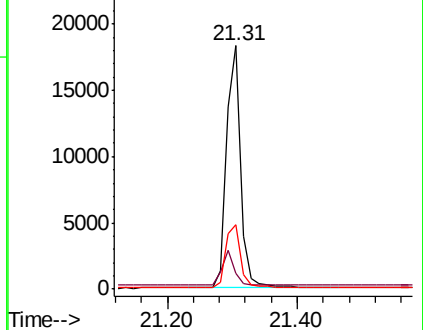
236 26.6 21.6 32.4

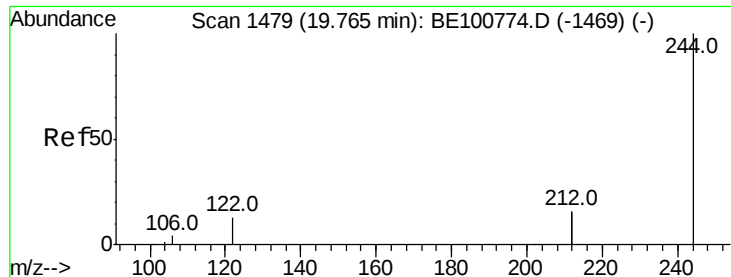


Abundance Ion 240.00 (239.70 to 240.70): E

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

ClientSampleId :

RE105D2-20191206

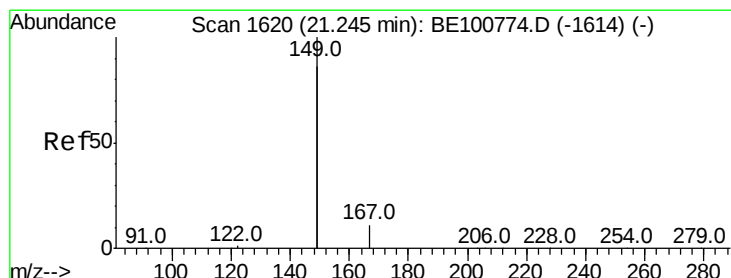
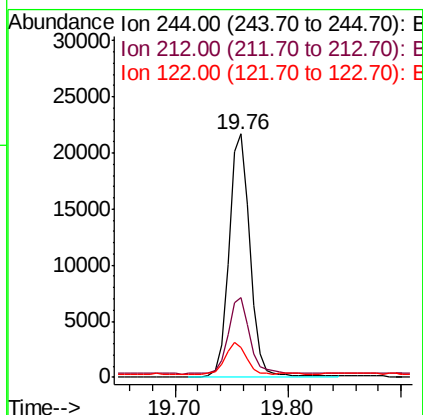
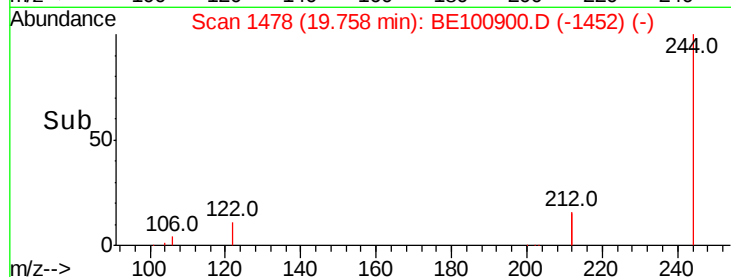
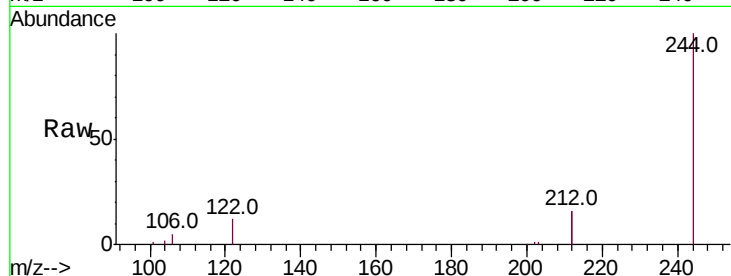
Tot Ion:244 Resp: 27837

Ion Ratio Lower Upper

244 100

212 32.8 25.2 37.8

122 12.4 8.9 13.3



#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

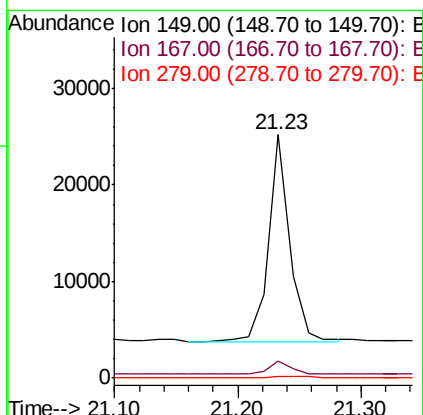
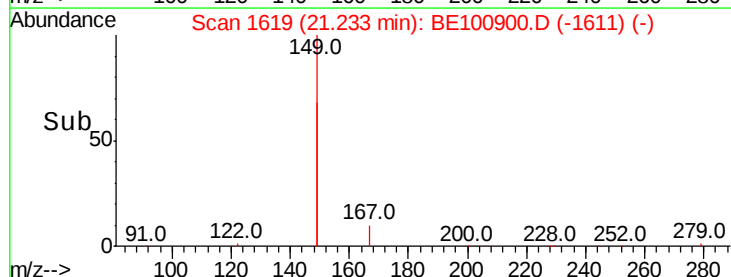
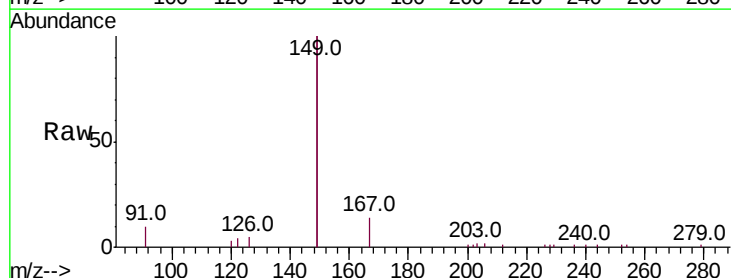
Tgt Ion:149 Resp: 26229

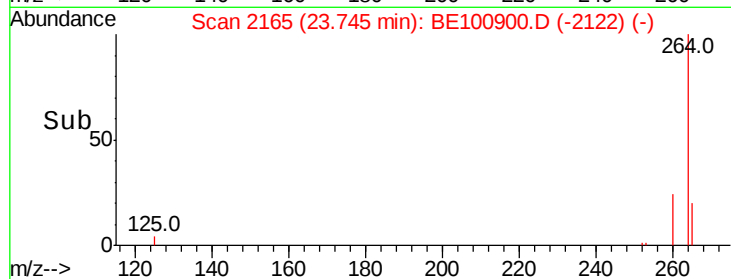
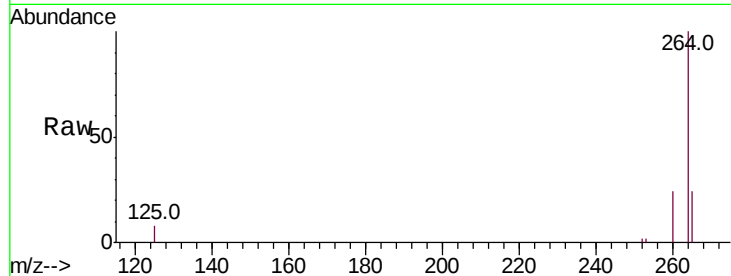
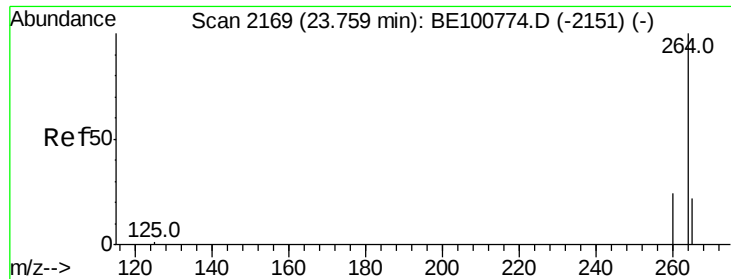
Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.4

279 0.8 0.6 1.0





#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 :

RE105D2-20191206

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

