

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100816.D
 Acq On : 10 Dec 2019 18:18
 Operator : JU
 Sample : K6184-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-20191203

Quant Time: Dec 11 05:41:05 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

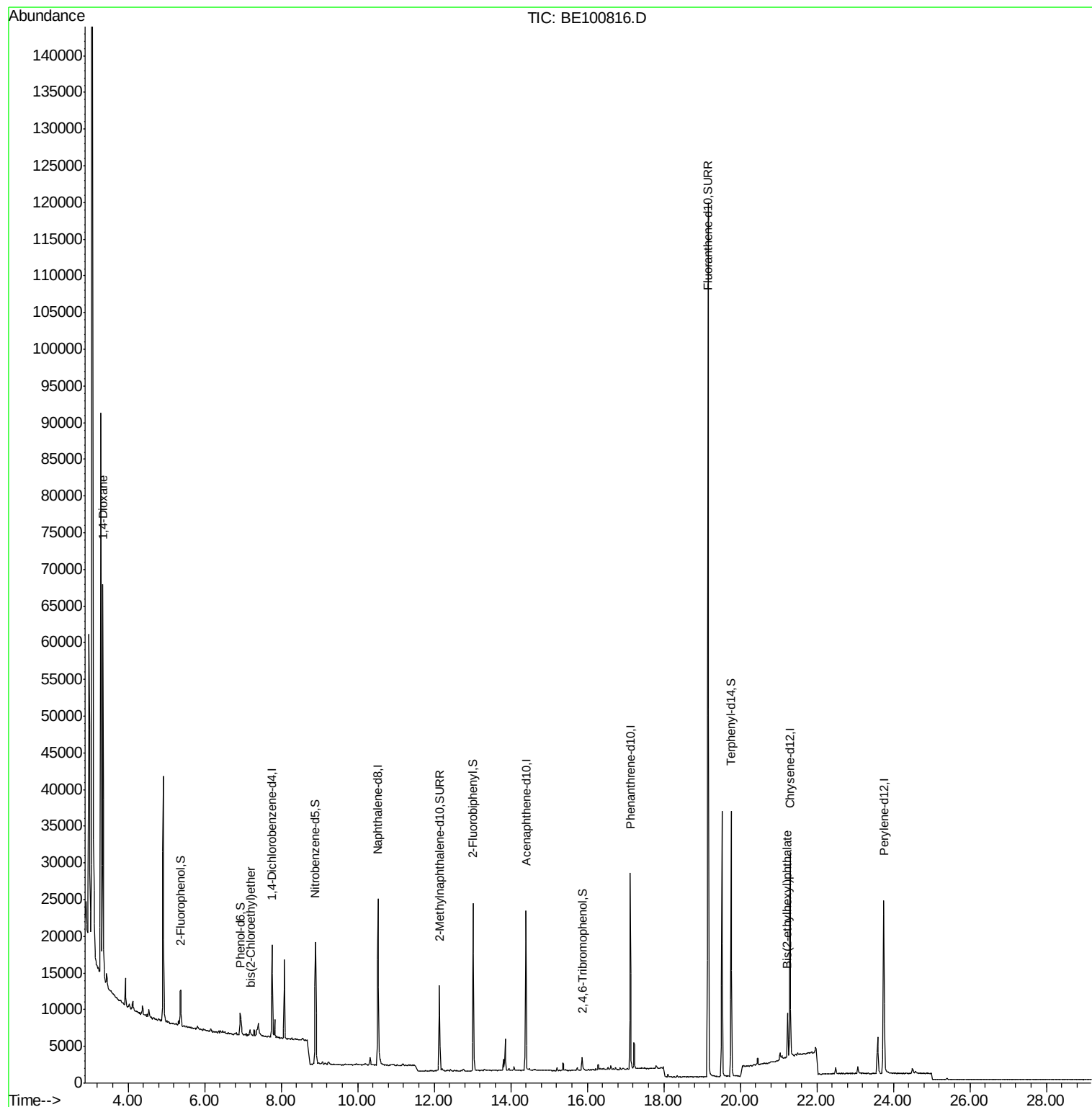
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5564	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	25306	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14340	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	34174	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	28169	0.40	ng	0.00
34) Perylene-d12	23.75	264	33619	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2733	0.21	ng	0.00
5) Phenol-d6	6.93	99	2524	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6791	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15520	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1059	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	22123	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	150877	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	29384	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	30940	3.050	ng	# 86
6) bis(2-Chloroethyl)ether	7.19	93	431	0.022	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.23	149	8639	0.105	ng	99

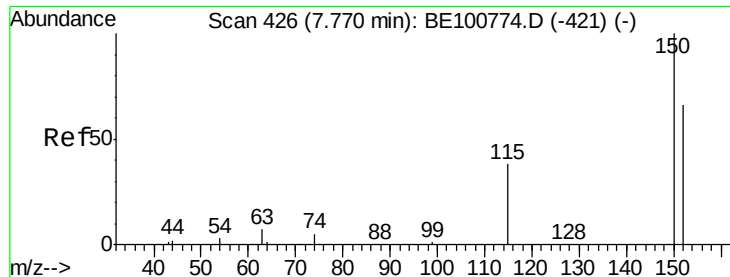
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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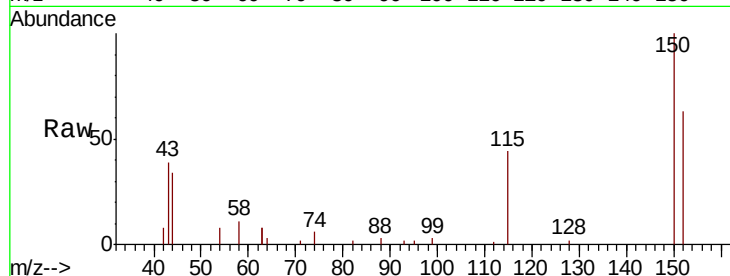


#1

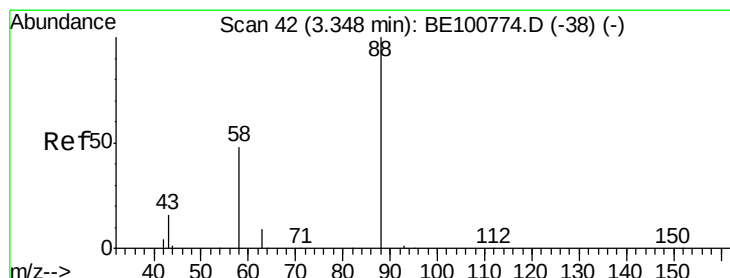
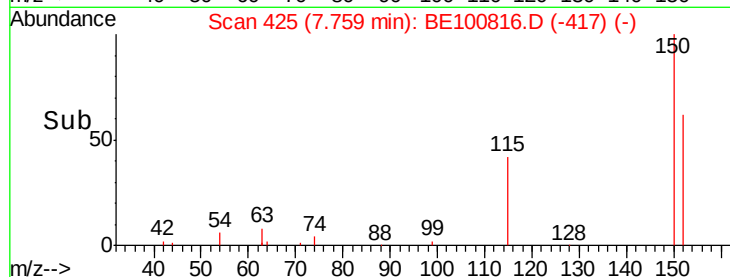
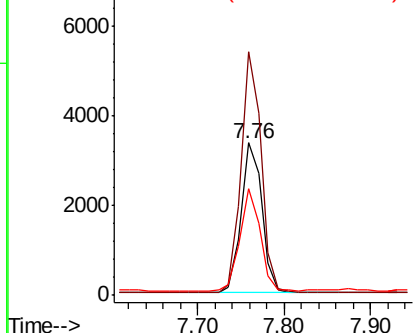
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100816.D
Acq: 10 Dec 2019 18:18

Instrument :
BNA_E
ClientSampleId :
RE126D1-20191203

Tot Ion:152 Resp: 5564
Ion Ratio Lower Upper
152 100
150 159.8 120.6 181.0
115 70.0 47.4 71.2



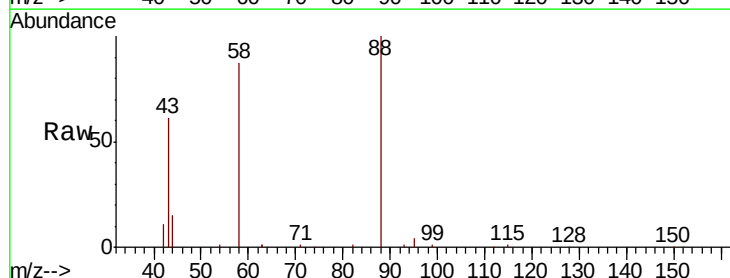
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



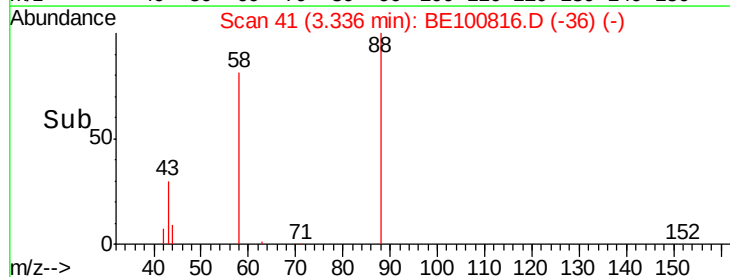
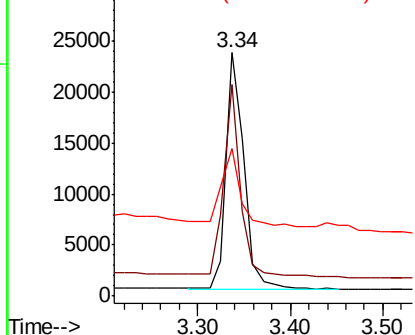
#2

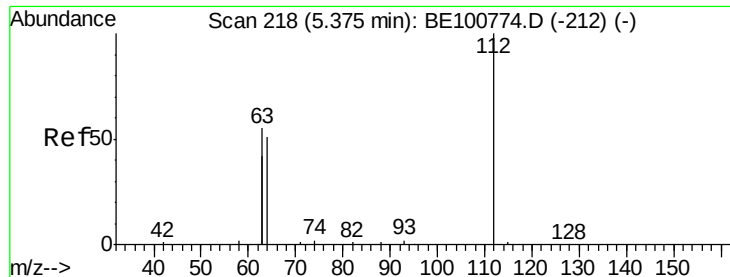
1,4-Dioxane
Concen: 3.050 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100816.D
Acq: 10 Dec 2019 18:18

Tgt Ion: 88 Resp: 30940
Ion Ratio Lower Upper
88 100
58 76.1 52.5 78.7
43 36.8 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: 0.207 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

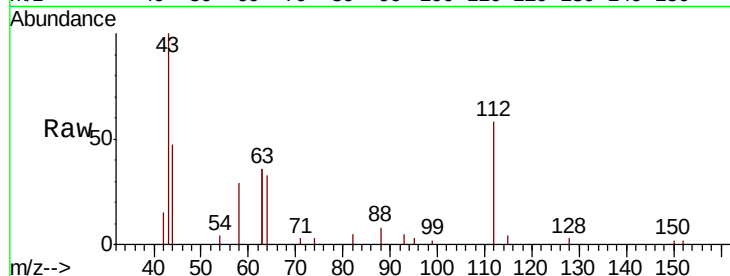
Tot Ion:112 Resp: 2733

Ion Ratio Lower Upper

112 100

64 65.8 54.1 81.1

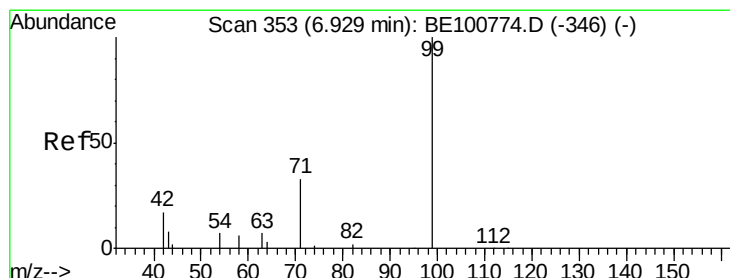
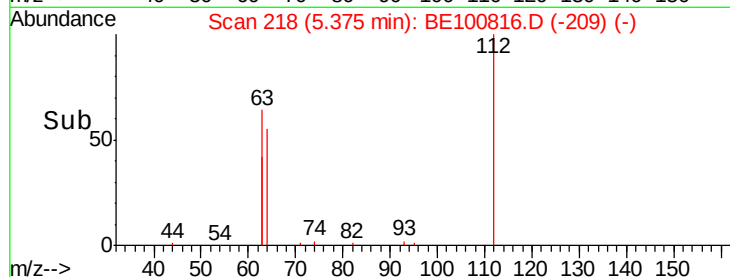
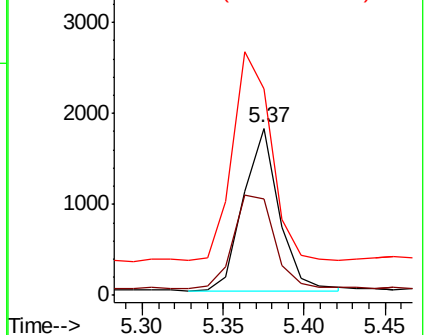
63 140.4 113.2 169.8



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: 0.127 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

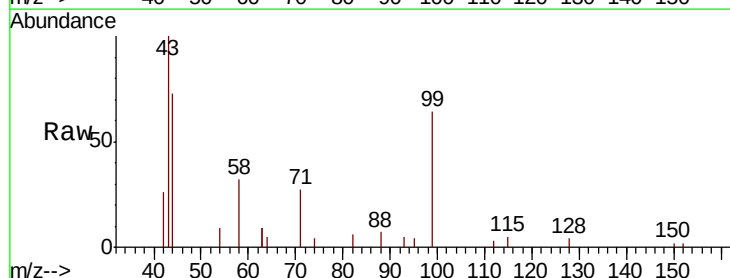
Tgt Ion: 99 Resp: 2524

Ion Ratio Lower Upper

99 100

42 25.9 19.1 28.7

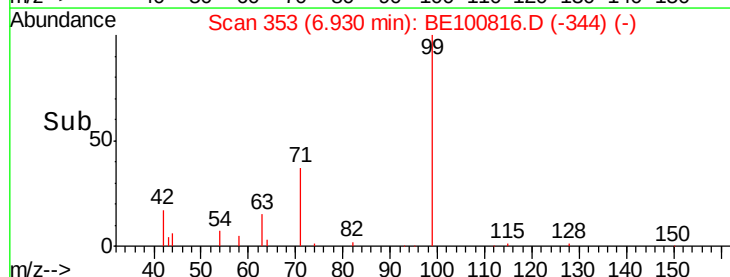
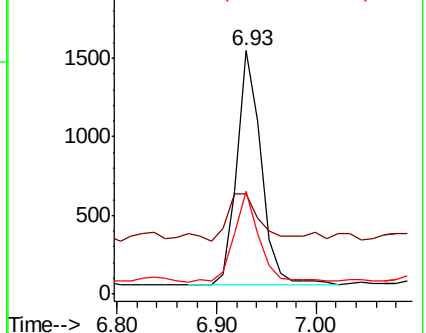
71 39.0 27.7 41.5

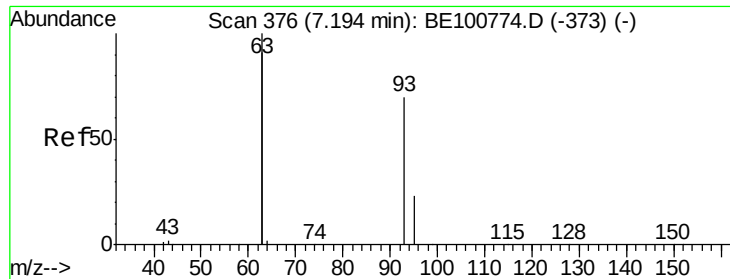


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

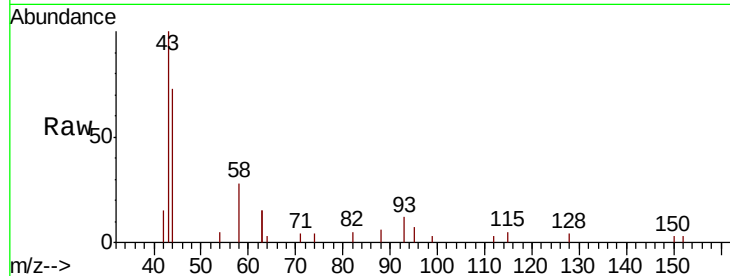
Tot Ion: 93 Resp: 431

Ion Ratio Lower Upper

93 100

63 233.4 259.4 389.0#

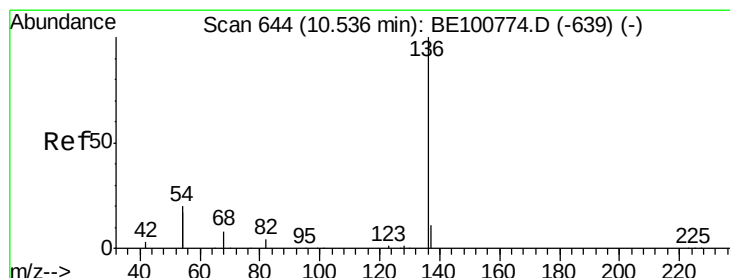
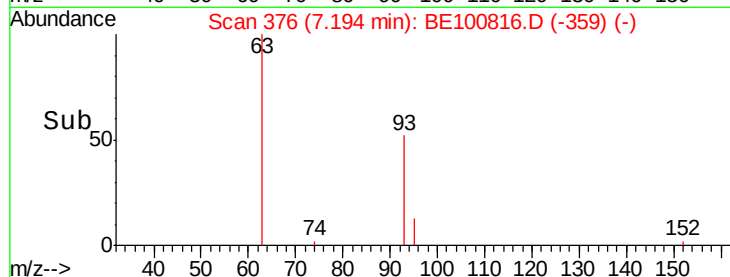
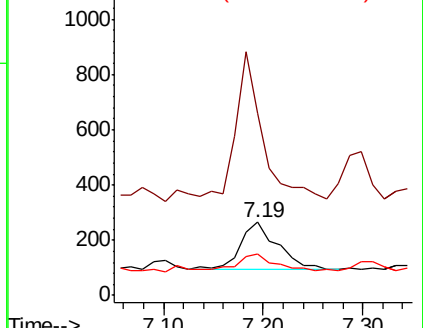
95 32.9 26.2 39.2



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: BE100816.D

Acq: 10 Dec 2019 18:18

Tgt Ion: 136 Resp: 25306

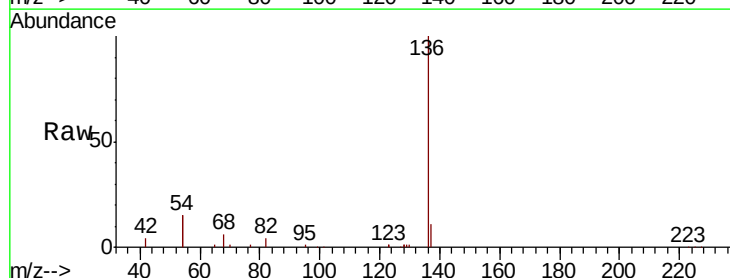
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 29.1 31.1 46.7#

68 6.5 6.6 10.0#

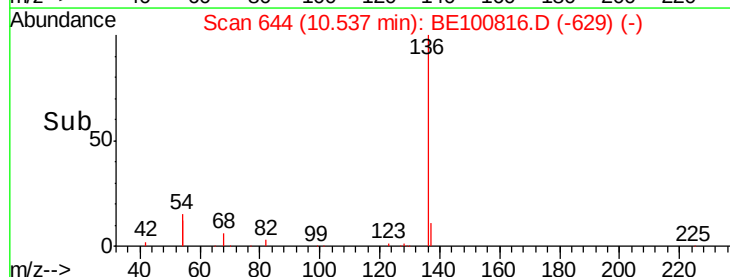
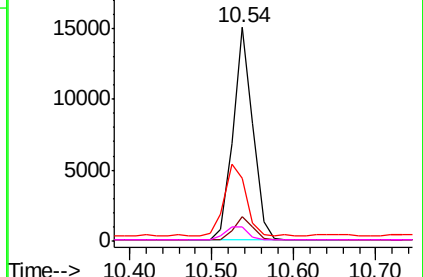


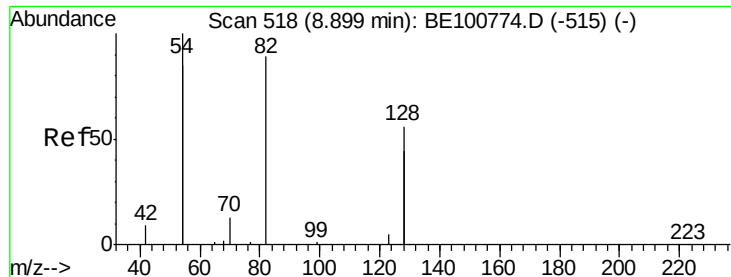
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.564 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

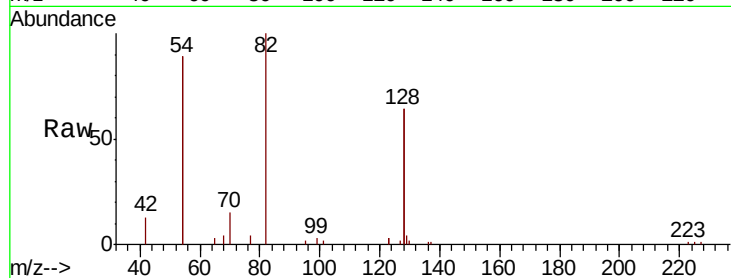
Tot Ion: 82 Resp: 6791

Ion Ratio Lower Upper

82 100

128 127.1 97.0 145.4

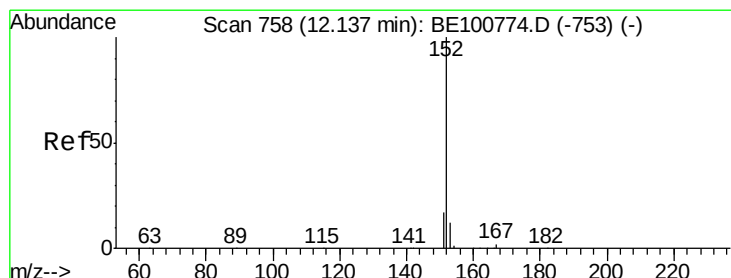
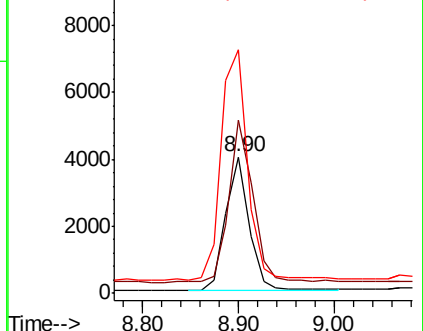
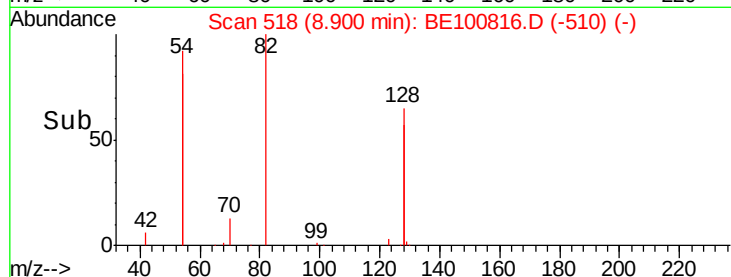
54 178.5 171.8 257.6



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: 0.423 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100816.D

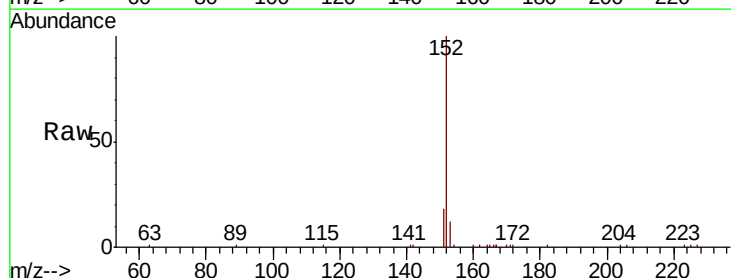
Acq: 10 Dec 2019 18:18

Tgt Ion: 152 Resp: 15520

Ion Ratio Lower Upper

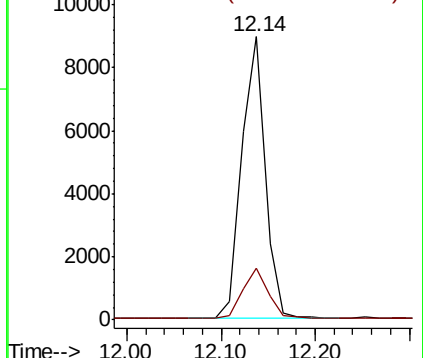
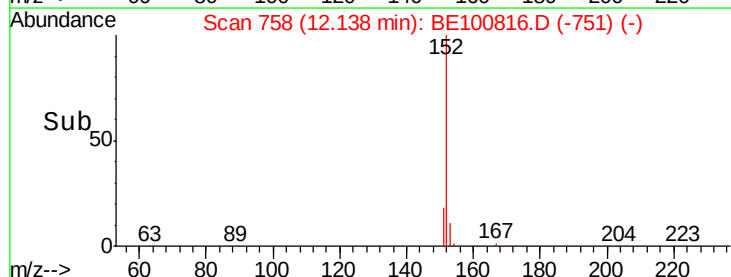
152 100

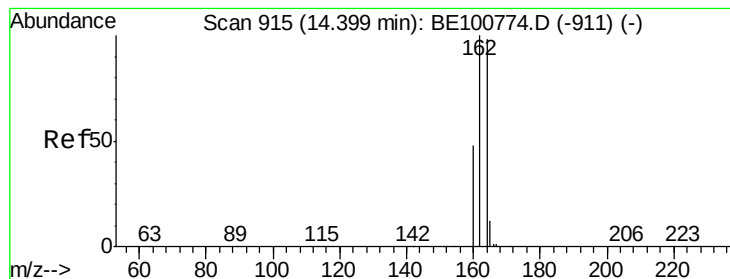
151 19.0 15.8 23.8



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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

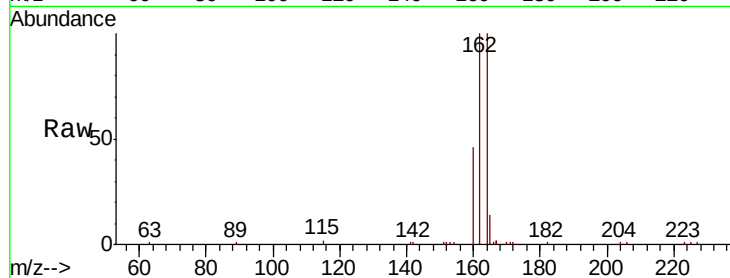
Tot Ion:164 Resp: 14340

Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

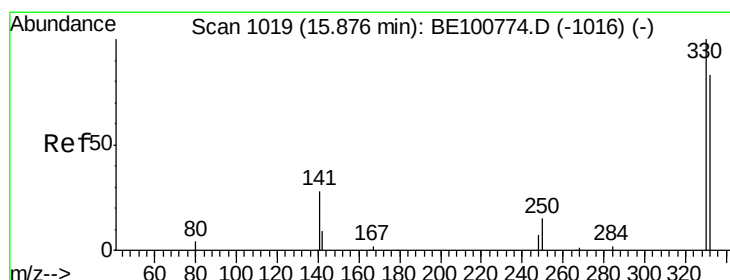
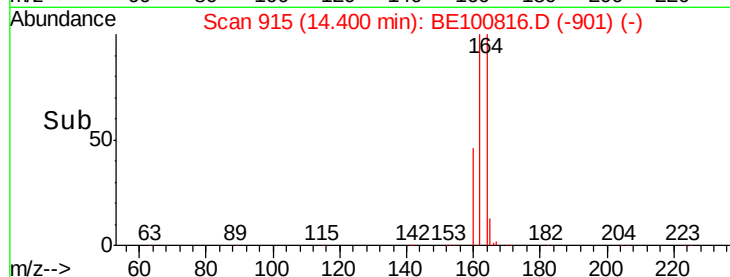
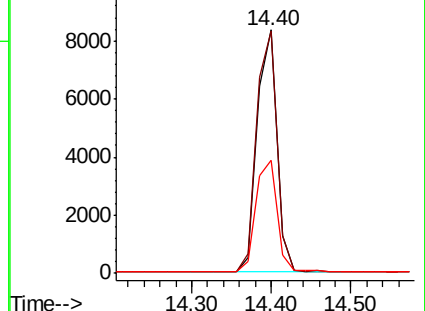
160 46.3 39.4 59.0



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: 0.664 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

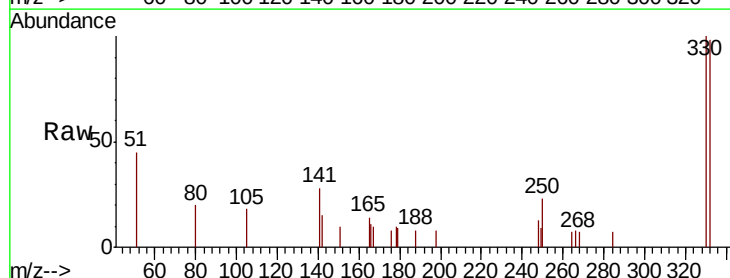
Tgt Ion:330 Resp: 1059

Ion Ratio Lower Upper

330 100

332 102.9 69.4 104.2

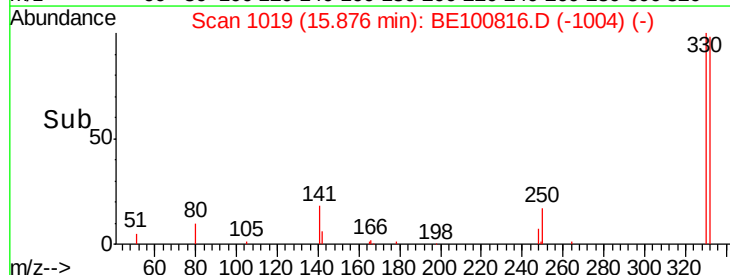
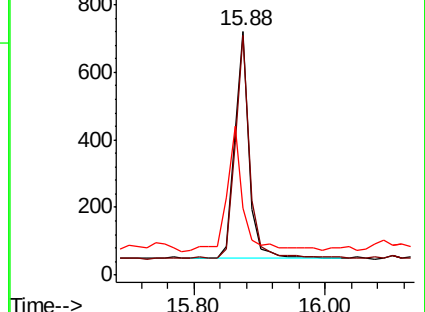
141 63.1 51.1 76.7

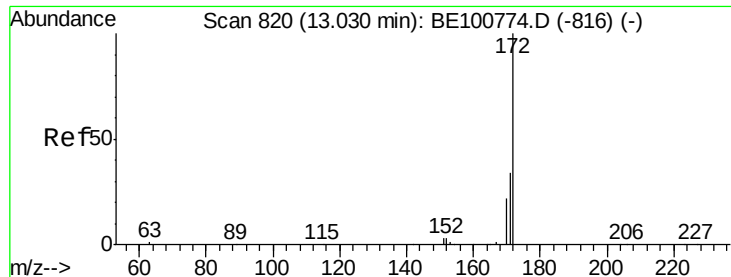


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

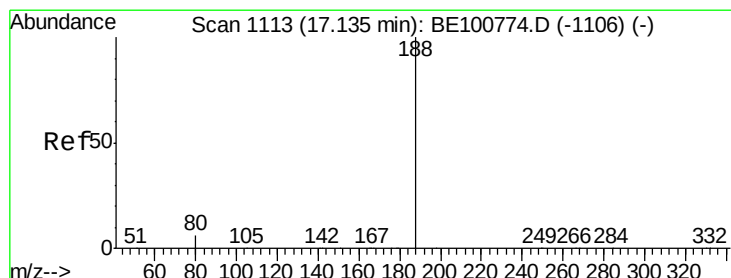
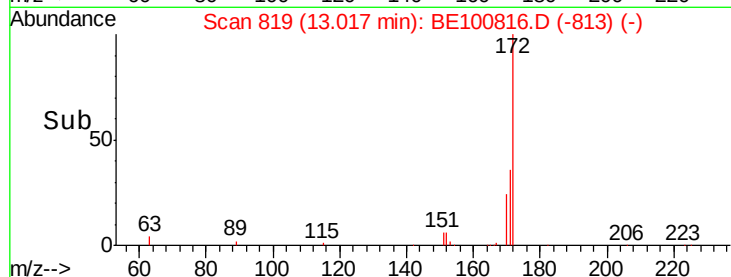
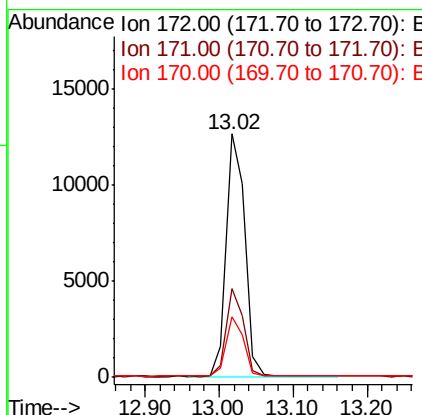
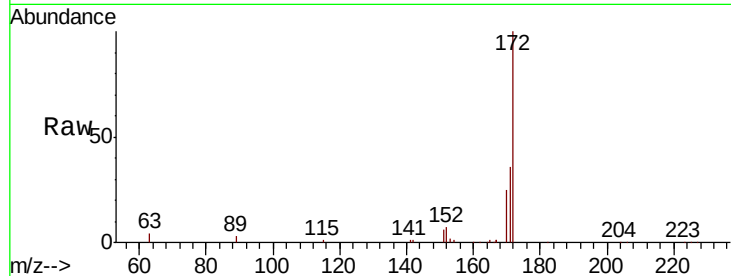




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100816.D
Acq: 10 Dec 2019 18:18

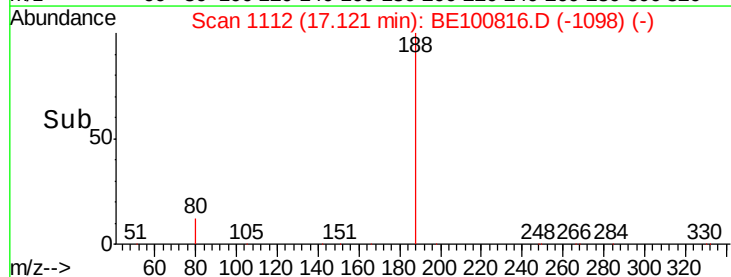
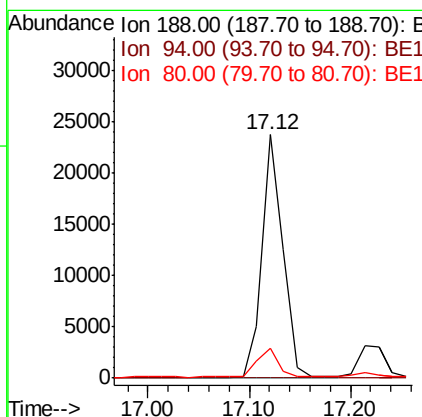
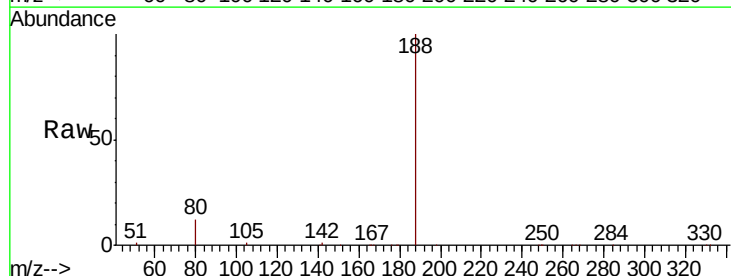
Instrument :
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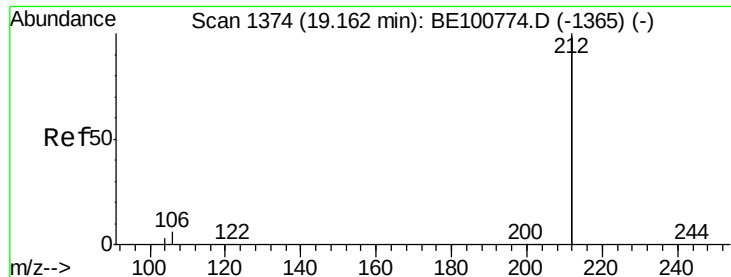
Tot Ion:172 Resp: 22123
Ion Ratio Lower Upper
172 100
171 36.3 27.2 40.8
170 24.8 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100816.D
Acq: 10 Dec 2019 18:18

Tgt Ion:188 Resp: 34174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

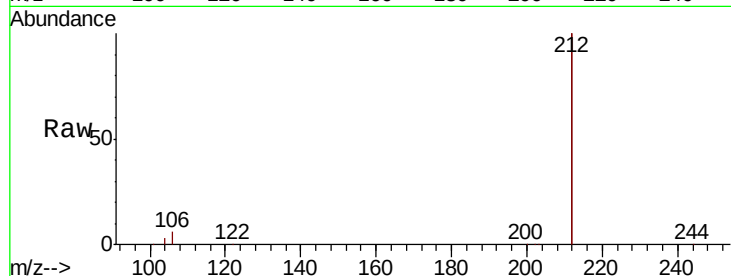
Tot Ion:212 Resp: 150877

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

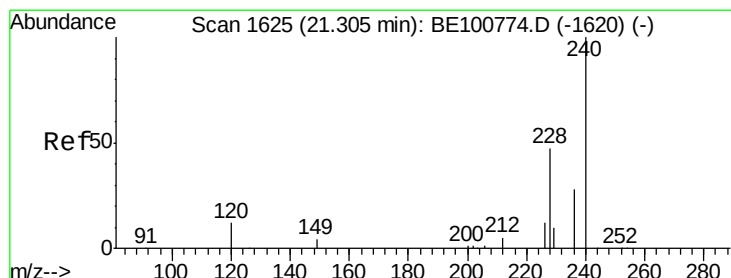
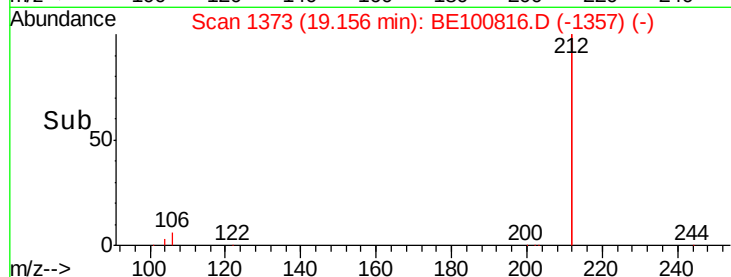
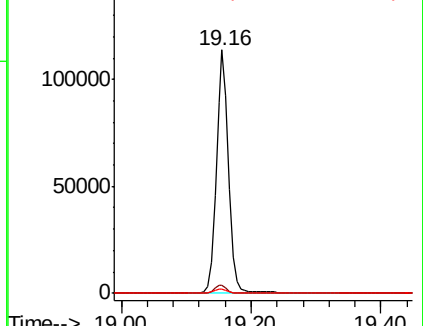
104 1.8 1.4 2.2



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: BE100816.D

Acq: 10 Dec 2019 18:18

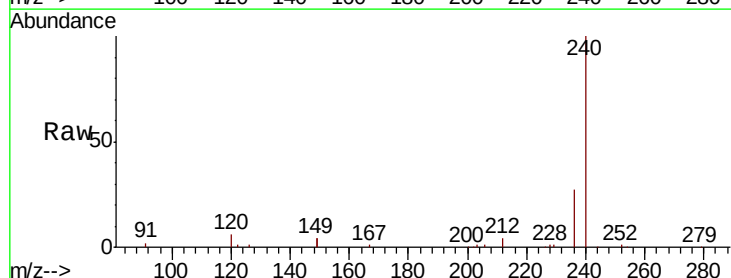
Tgt Ion:240 Resp: 28169

Ion Ratio Lower Upper

240 100

120 6.1 10.2 15.2#

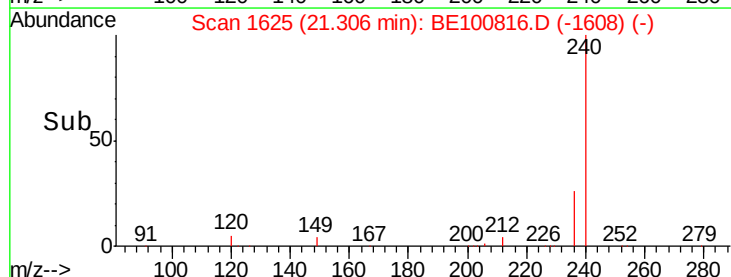
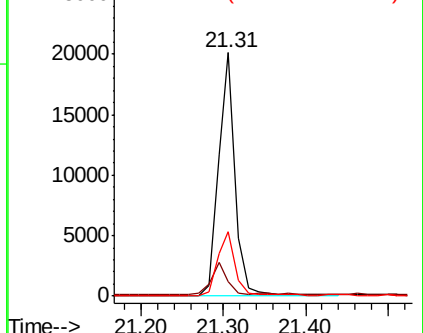
236 26.5 22.3 33.5

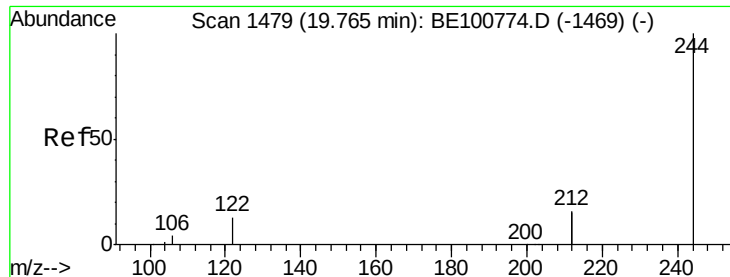


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

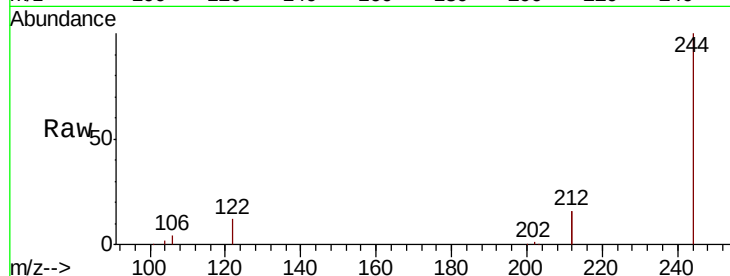
Tot Ion:244 Resp: 29384

Ion Ratio Lower Upper

244 100

212 32.4 26.2 39.4

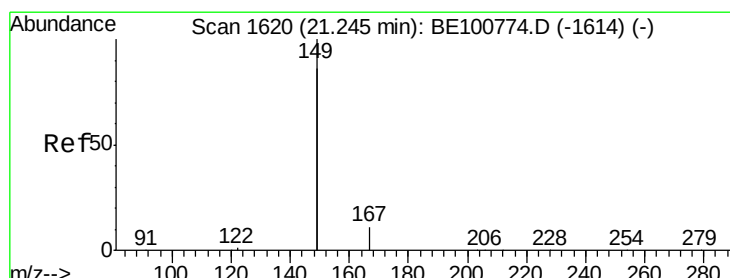
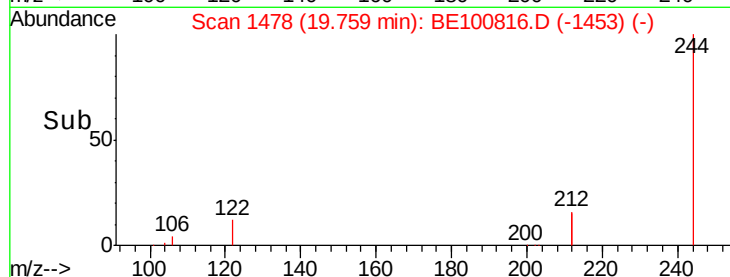
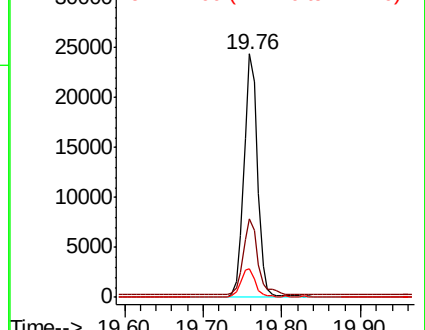
122 11.9 10.2 15.4



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: 0.105 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

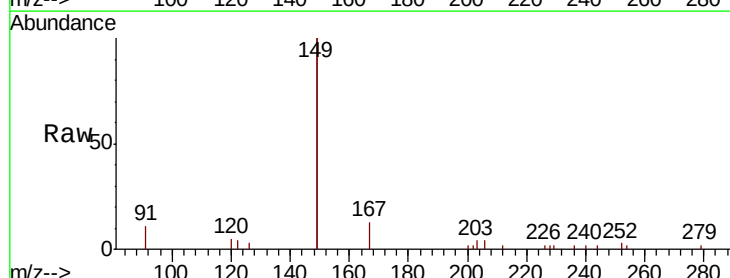
Tgt Ion:149 Resp: 8639

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

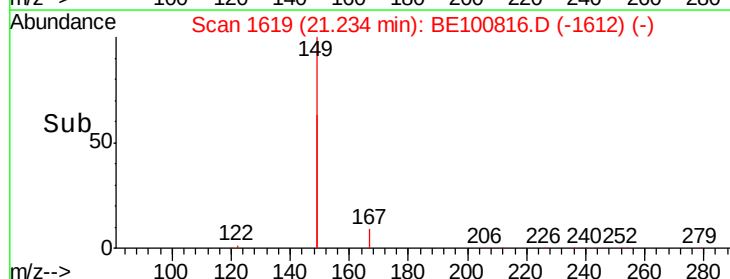
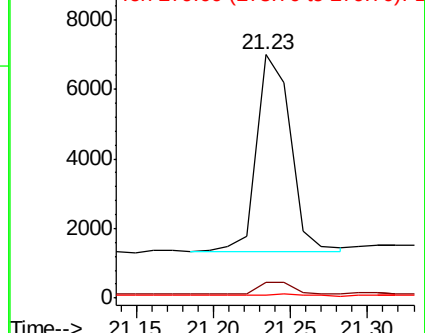
279 0.9 0.7 1.1

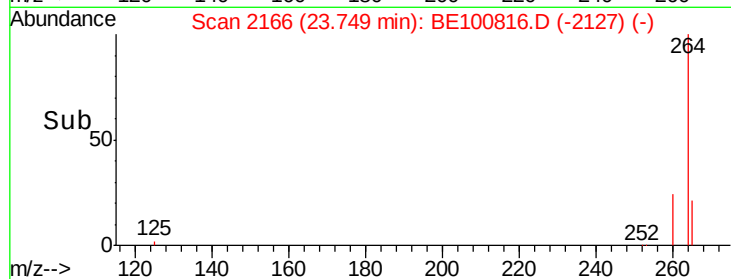
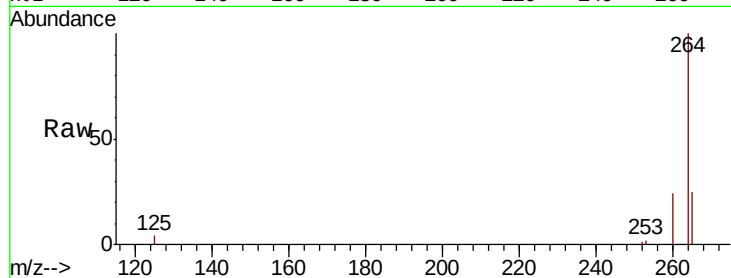
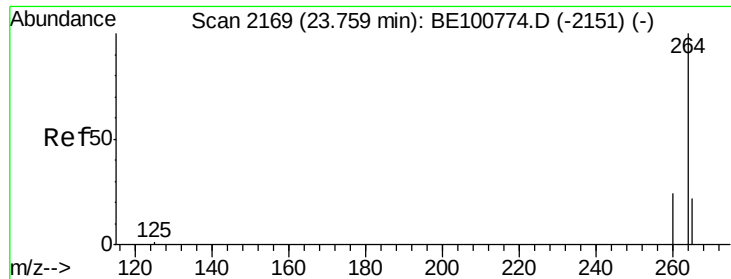


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE100816.D

Acq: 10 Dec 2019 18:18

Instrument :

BNA_E

ClientSampleId :

RE126D1-20191203

Tot Ion: 264 Resp: 33619

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 25.0 21.8 32.8

