

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100860.D
 Acq On : 12 Dec 2019 00:15
 Operator : JU
 Sample : K6185-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20191203DL

Quant Time: Dec 12 04:44:02 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

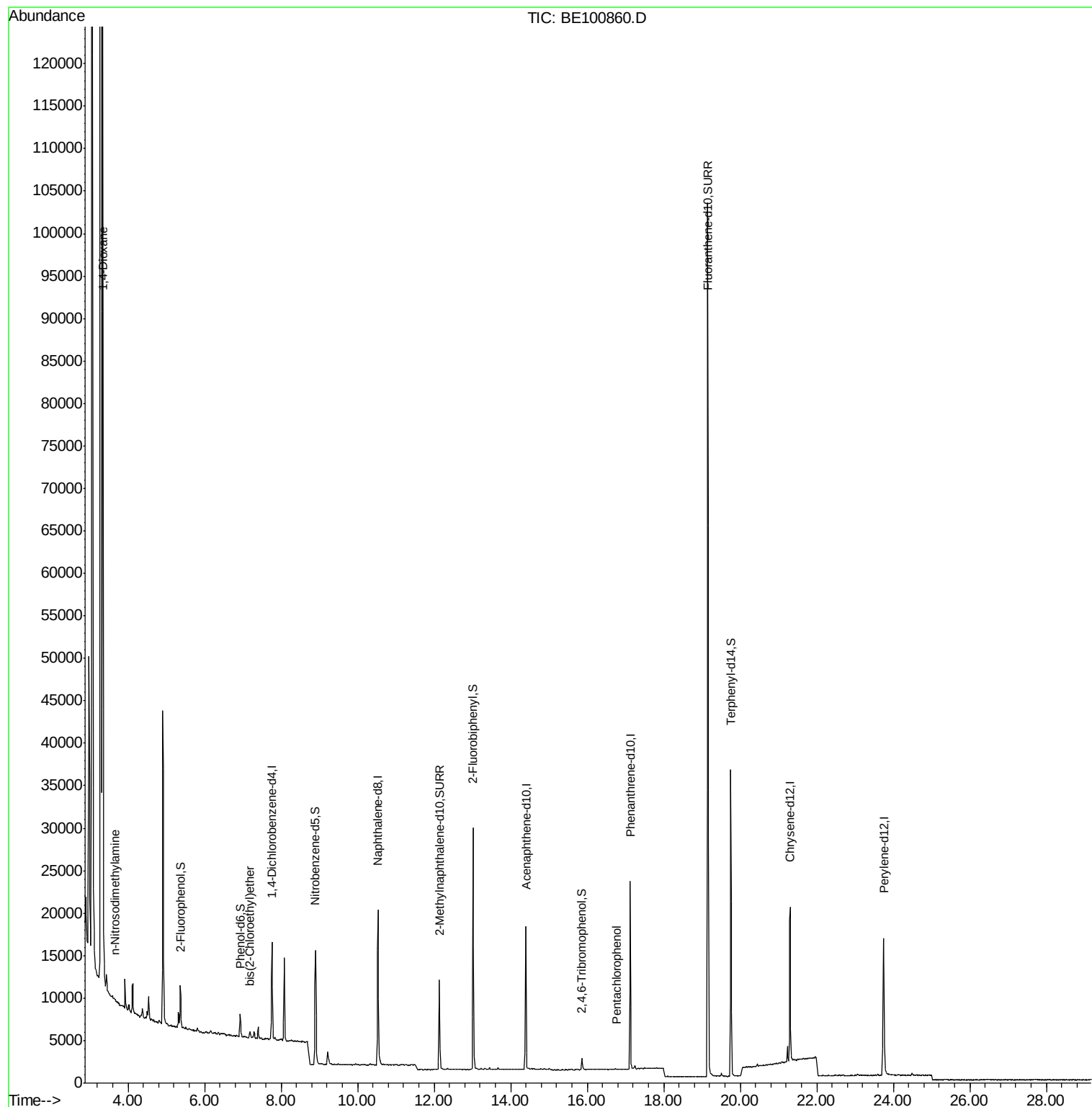
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4647	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	21209	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11940	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	28412	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	21361	0.40	ng	0.00
34) Perylene-d12	23.74	264	24311	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2588	0.23	ng	0.00
5) Phenol-d6	6.93	99	2545	0.15	ng	0.00
8) Nitrobenzene-d5	8.90	82	5515	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14738	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	906	0.68	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	25650	0.54	ng	-0.01
25) Fluoranthene-d10	19.15	212	142556	0.42	ng	-0.01
29) Terphenyl-d14	19.76	244	31872	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	70160	8.281	ng	Qvalue 90
3) n-Nitrosodimethylamine	3.66	42	265	0.038	ng	# 5
6) bis(2-Chloroethyl)ether	7.18	93	343	0.021	ng	# 91
22) Pentachlorophenol	16.77	266	35	0.033	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.23	149	2058	Below Cal		# 99

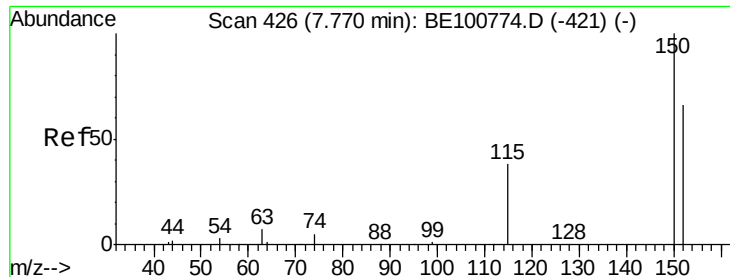
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

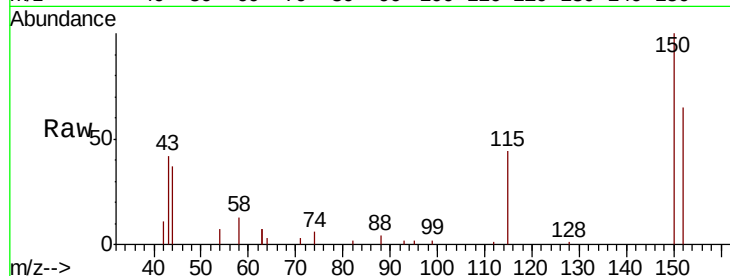
Tot Ion:152 Resp: 4647

Ion Ratio Lower Upper

152 100

150 153.1 120.6 181.0

115 68.0 47.4 71.2

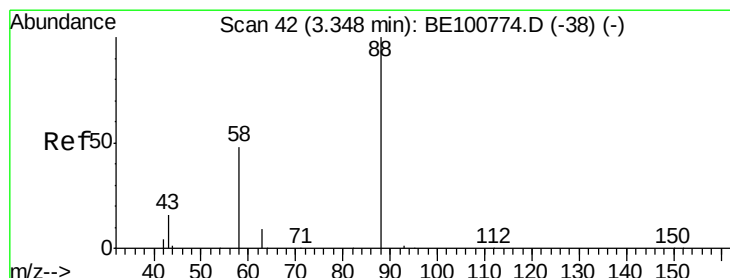
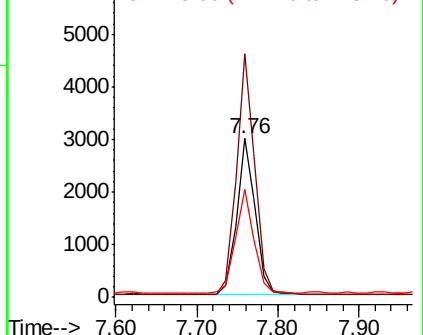
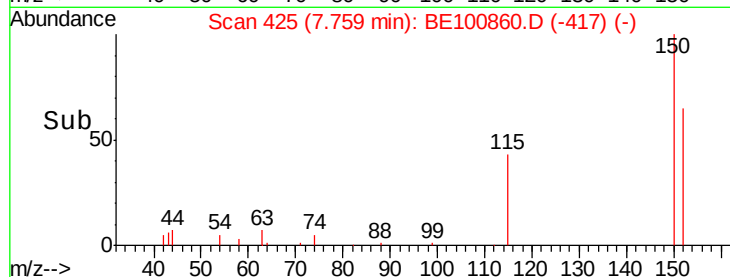


Abundance

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: 8.281 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

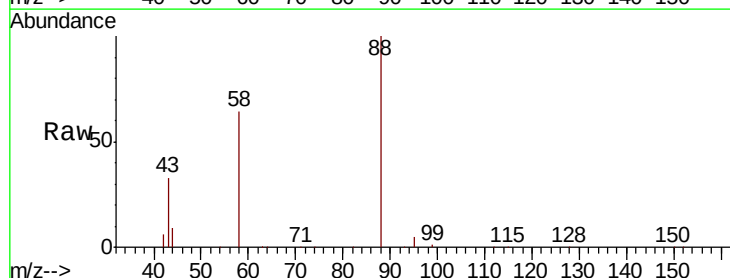
Tgt Ion: 88 Resp: 70160

Ion Ratio Lower Upper

88 100

58 74.6 52.5 78.7

43 32.7 23.0 34.6

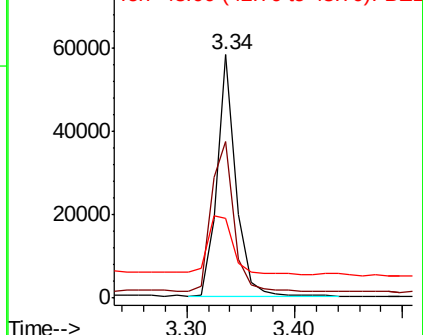
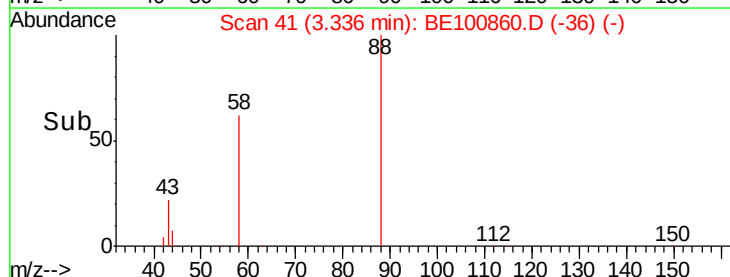


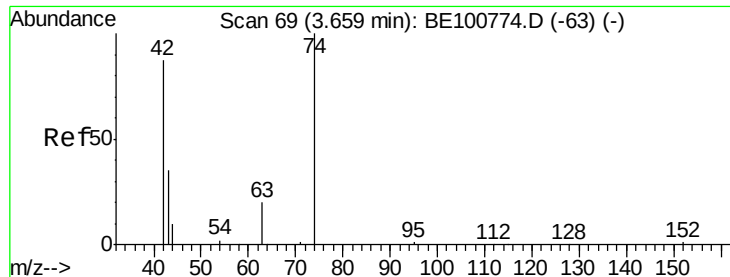
Abundance

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





#3

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

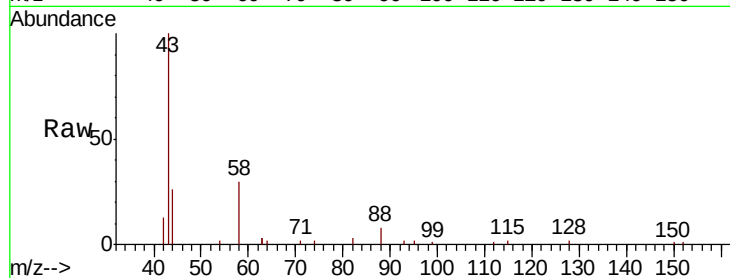
Tot Ion: 42 Resp: 265

Ion Ratio Lower Upper

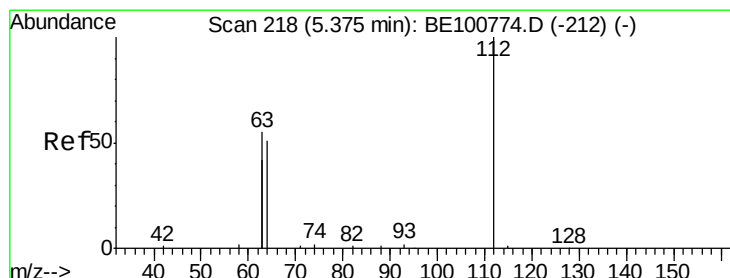
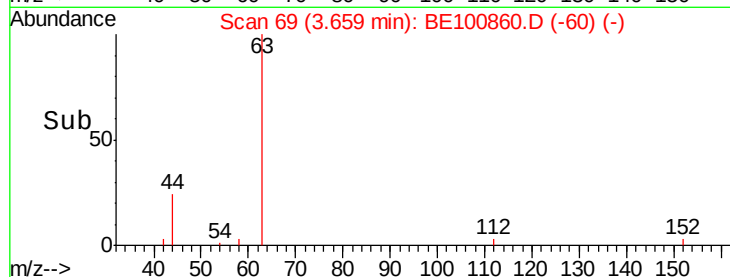
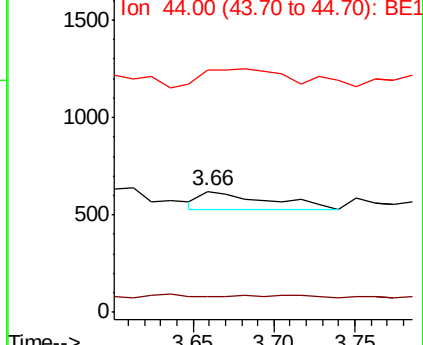
42 100

74 0.0 86.3 129.5#

44 0.0 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.235 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

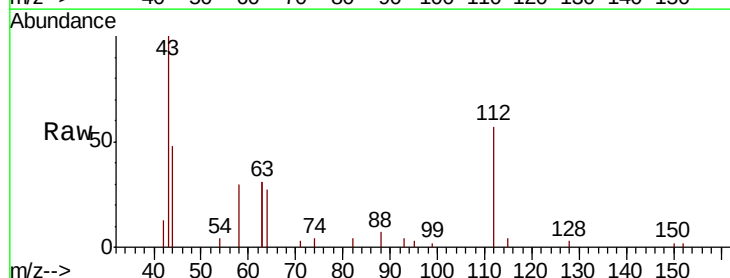
Tgt Ion: 112 Resp: 2588

Ion Ratio Lower Upper

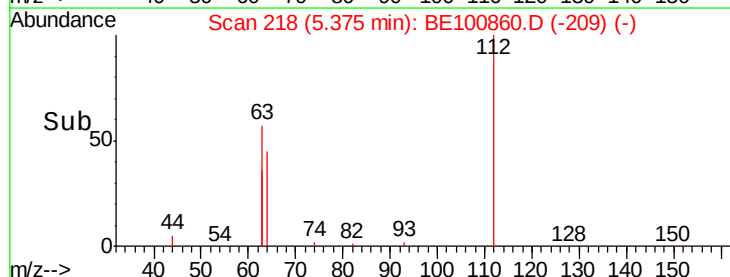
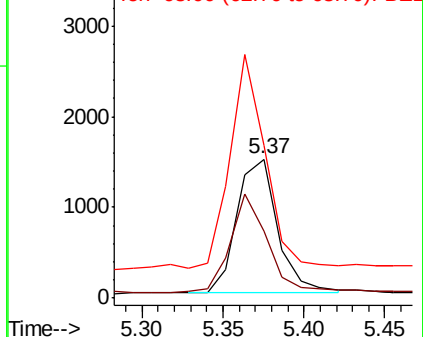
112 100

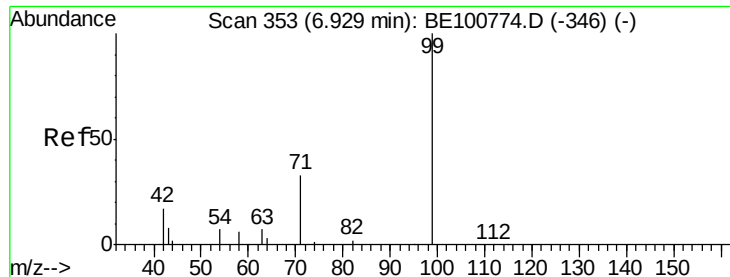
64 64.8 54.1 81.1

63 137.3 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.153 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

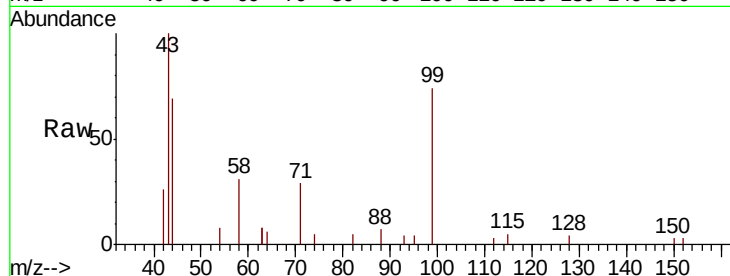
Tot Ion: 99 Resp: 2545

Ion Ratio Lower Upper

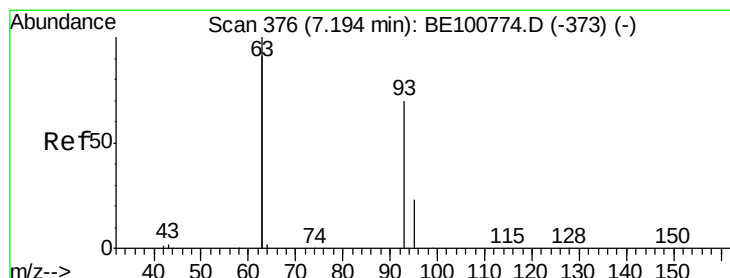
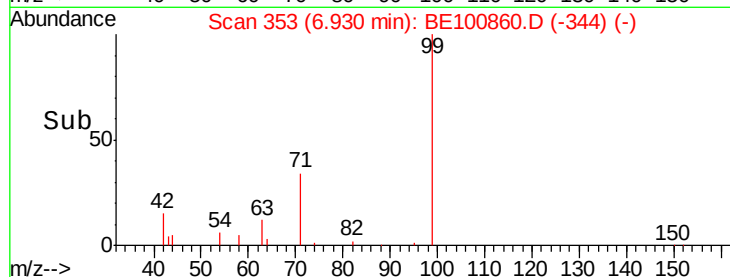
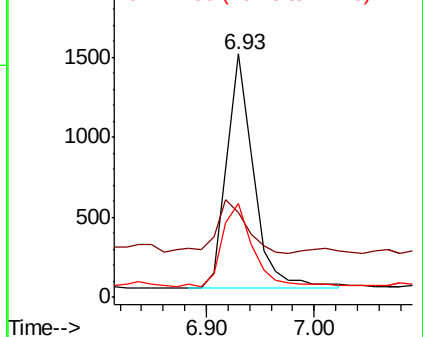
99 100

42 24.2 19.1 28.7

71 39.4 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: 0.021 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

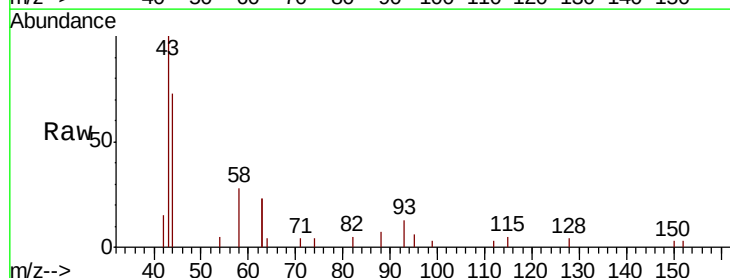
Tgt Ion: 93 Resp: 343

Ion Ratio Lower Upper

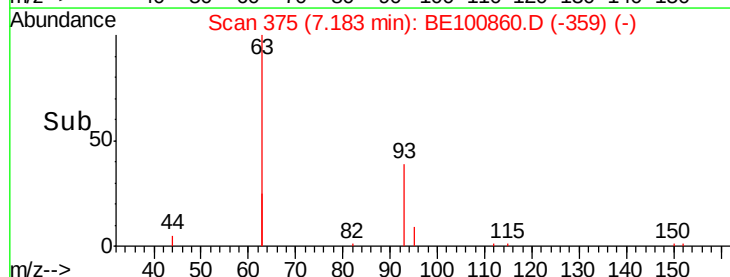
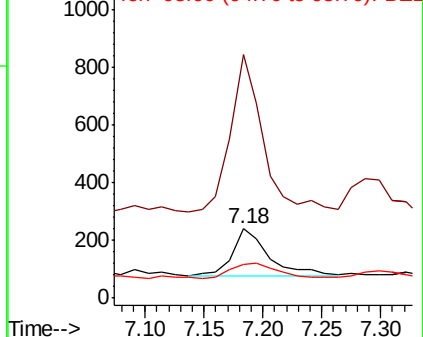
93 100

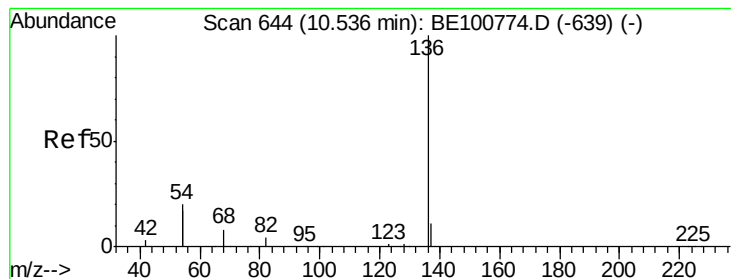
63 309.0 259.4 389.0

95 47.5 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: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

Tot Ion:136 Resp: 21209

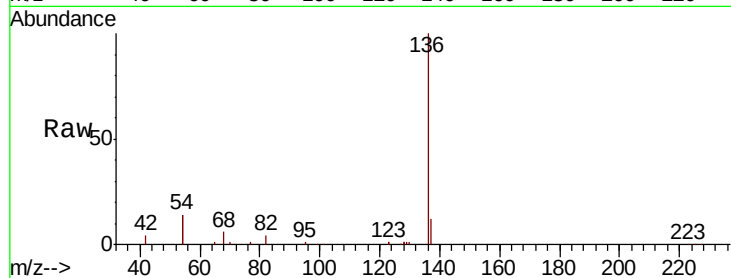
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 27.7 31.1 46.7#

68 6.3 6.6 10.0#

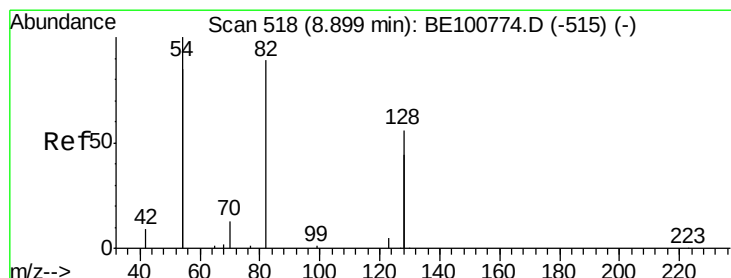
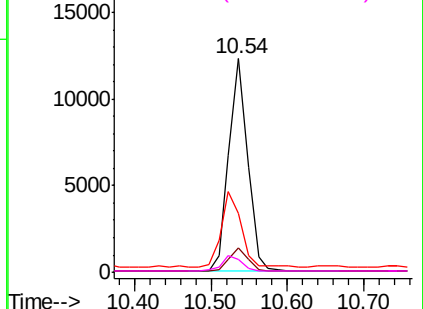
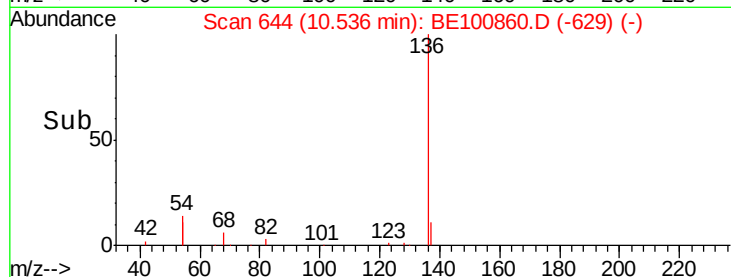


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.546 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

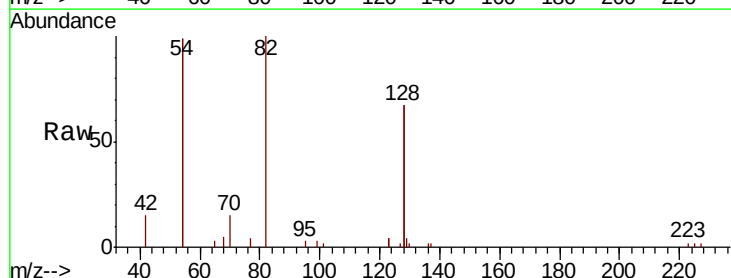
Tgt Ion: 82 Resp: 5515

Ion Ratio Lower Upper

82 100

128 134.1 97.0 145.4

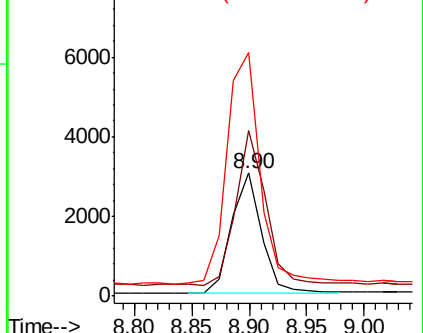
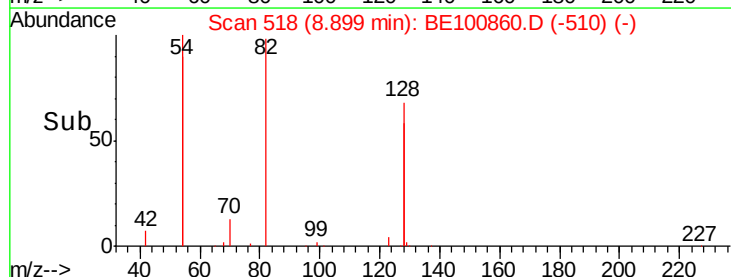
54 197.6 171.8 257.6

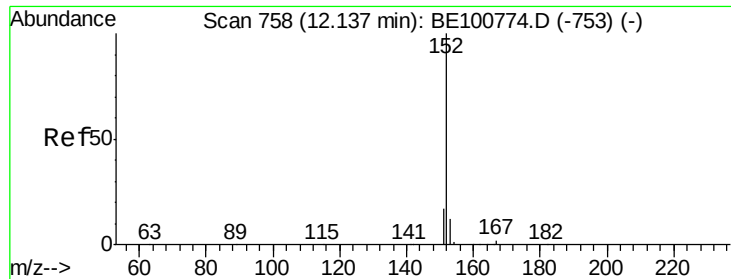


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

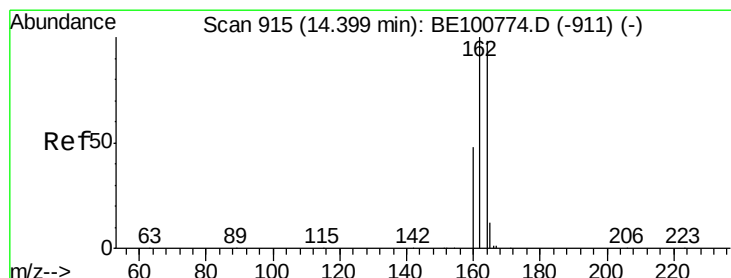
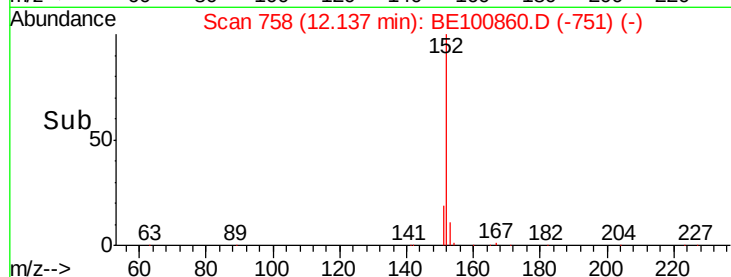
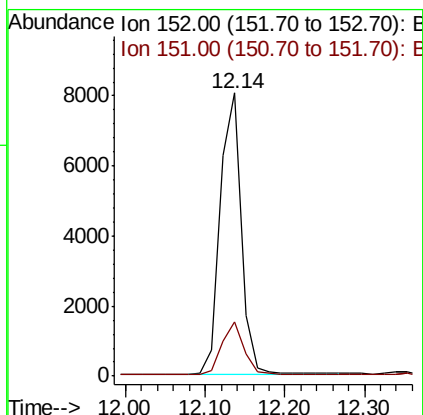
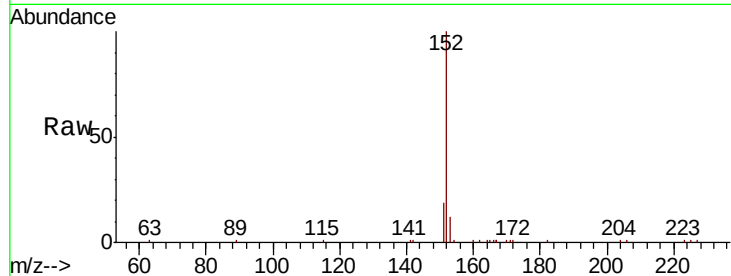




#11
 2-Methylnaphthalene-d10
 Concen: 0.480 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100860.D
 Acq: 12 Dec 2019 00:15

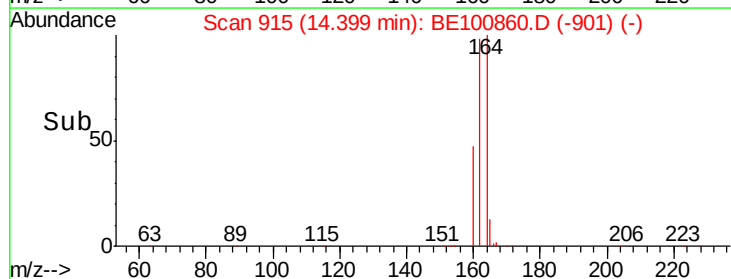
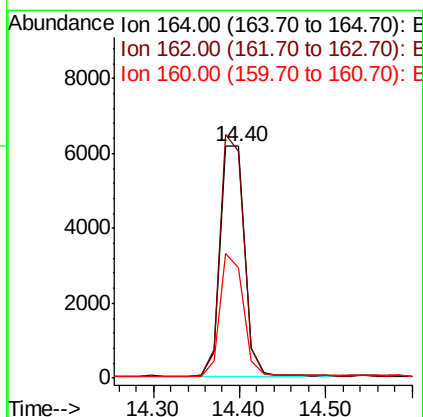
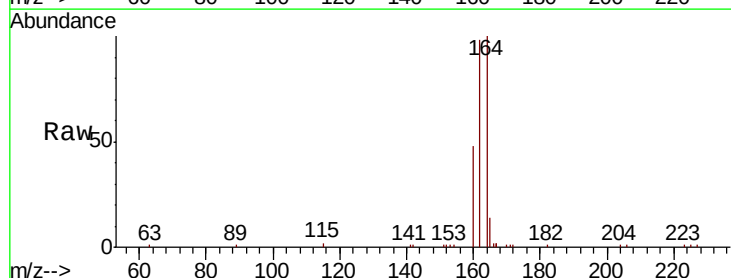
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20191203DL

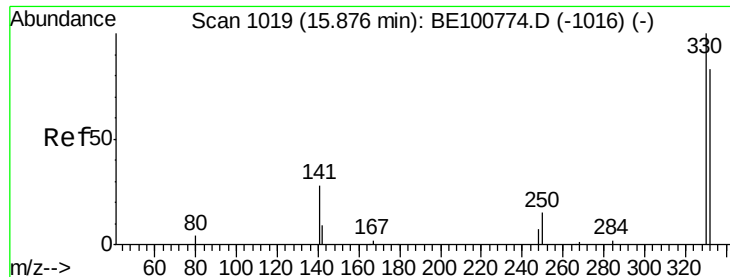
Tot Ion:152 Resp: 14738
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100860.D
 Acq: 12 Dec 2019 00:15

Tgt Ion:164 Resp: 11940
 Ion Ratio Lower Upper
 164 100
 162 97.8 81.4 122.0
 160 47.7 39.4 59.0

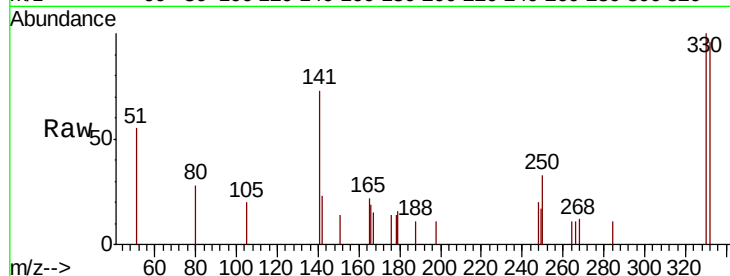




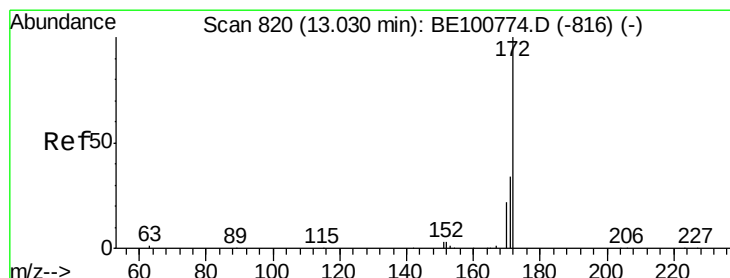
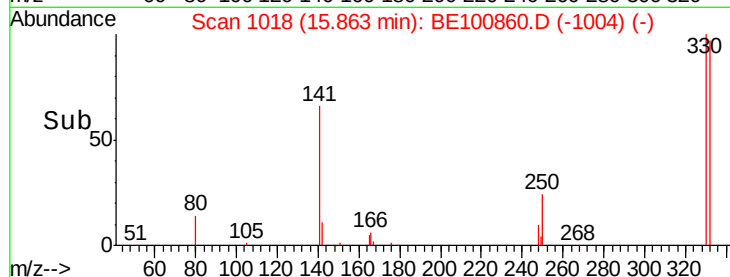
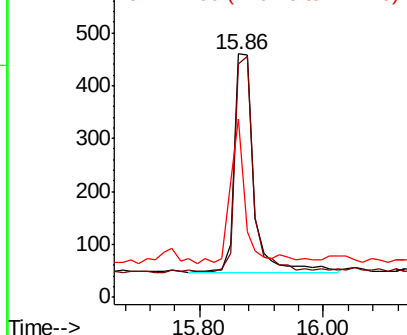
#14
2,4,6-Tribromophenol
Concen: 0.682 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100860.D
Acq: 12 Dec 2019 00:15

Instrument :
BNA_E
ClientSampleId :
RE122D2-20191203DL

Tot Ion:330 Resp: 906
Ion Ratio Lower Upper
330 100
332 91.8 69.4 104.2
141 49.4 51.1 76.7#

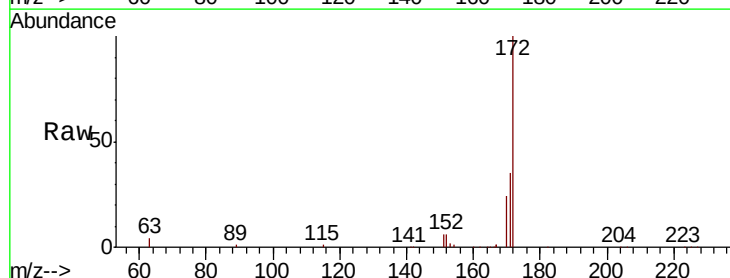


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

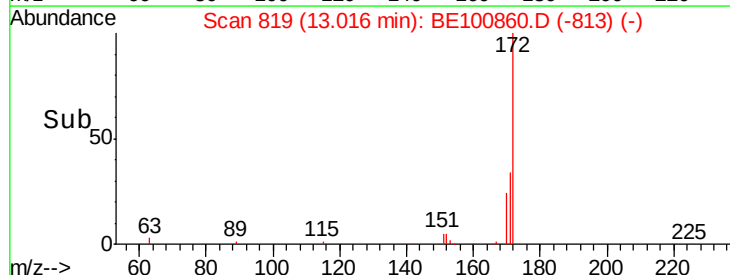
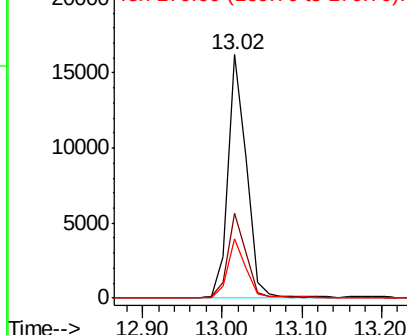


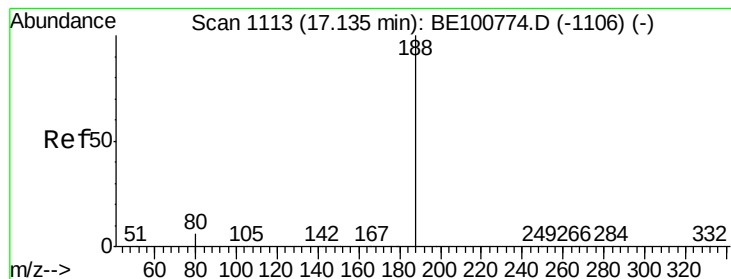
#15
2-Fluorobiphenyl
Concen: 0.542 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100860.D
Acq: 12 Dec 2019 00:15

Tgt Ion:172 Resp: 25650
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 24.2 18.0 27.0



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. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

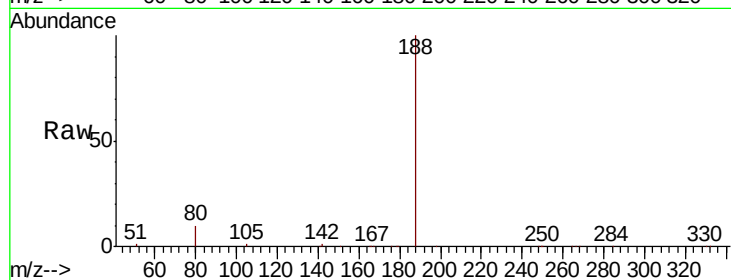
Tot Ion:188 Resp: 28412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

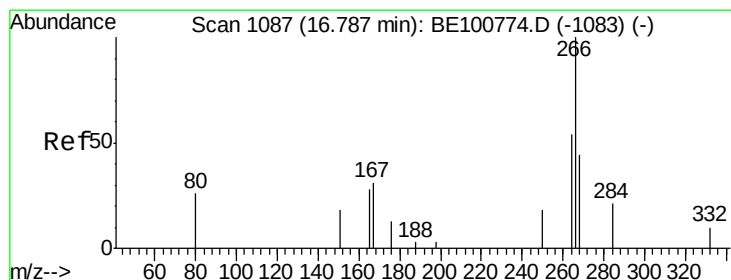
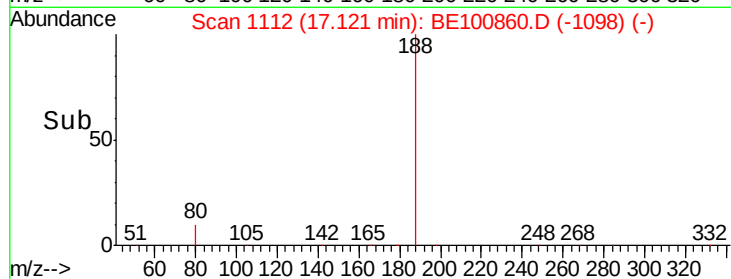
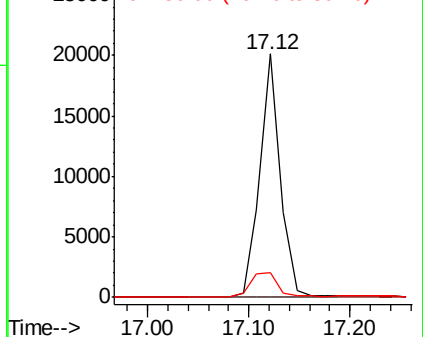
80 10.1 5.2 7.8#



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



#22

Pentachlorophenol

Concen: 0.033 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

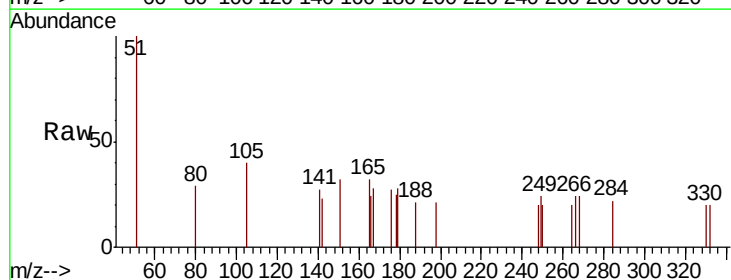
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 86.9 63.4 95.0

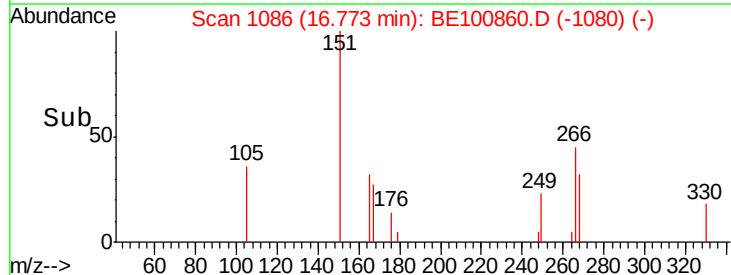
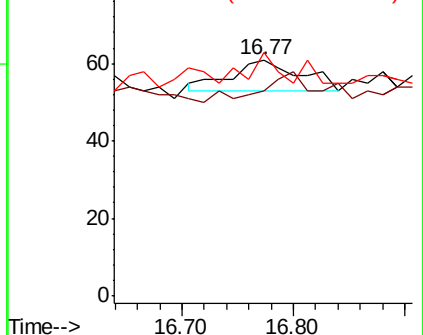
268 103.3 65.8 98.8#

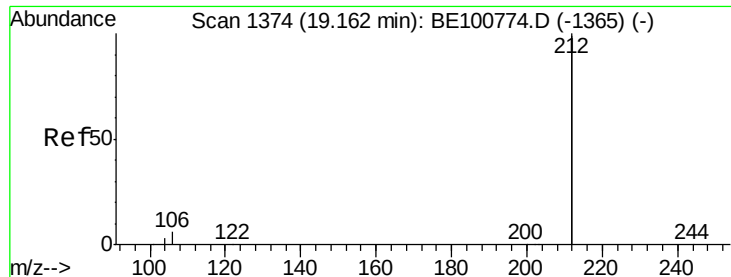


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

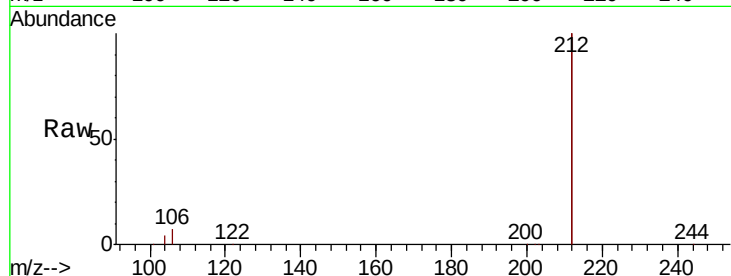
Tot Ion:212 Resp: 142556

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

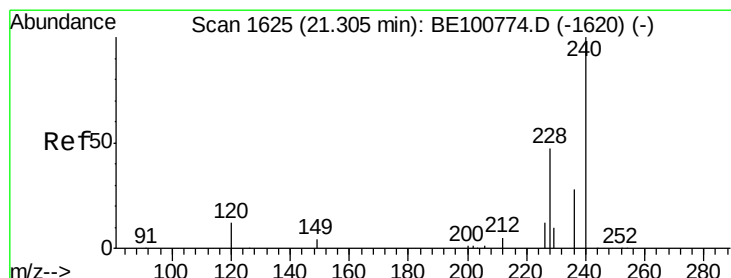
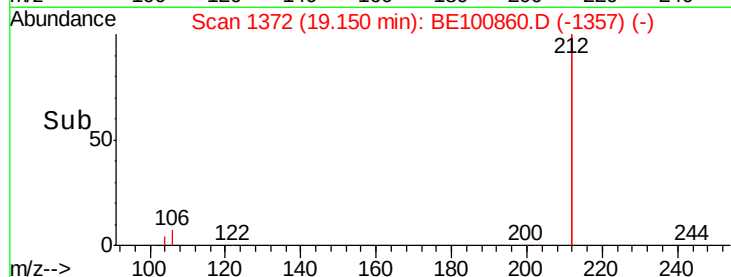
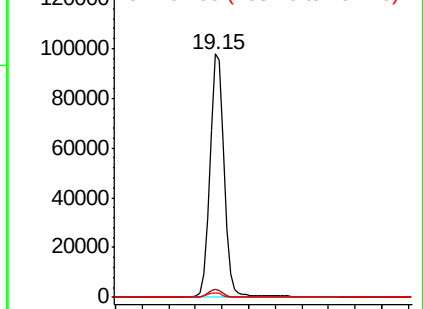
104 1.8 1.4 2.2



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: BE100860.D

Acq: 12 Dec 2019 00:15

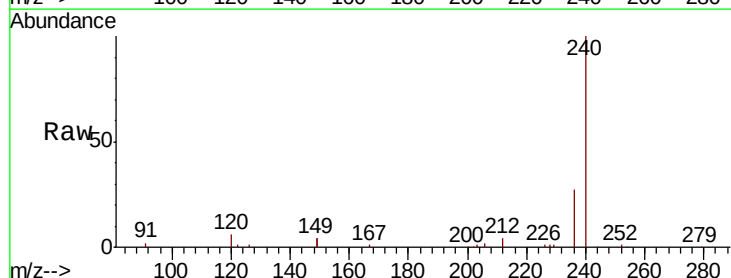
Tgt Ion:240 Resp: 21361

Ion Ratio Lower Upper

240 100

120 5.5 10.2 15.2#

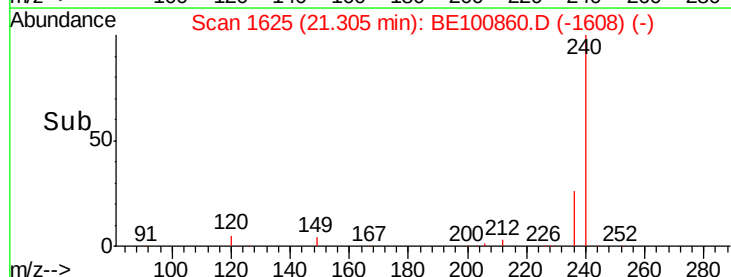
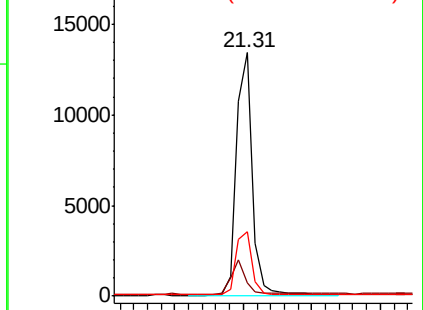
236 26.7 22.3 33.5

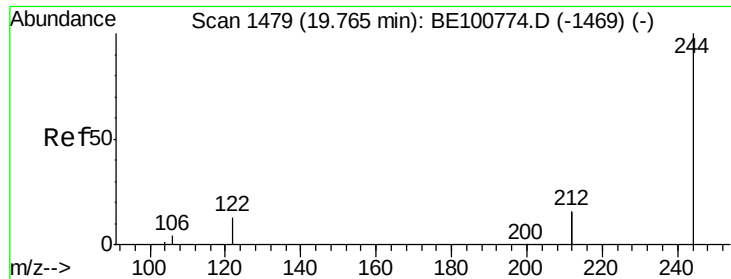


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.623 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

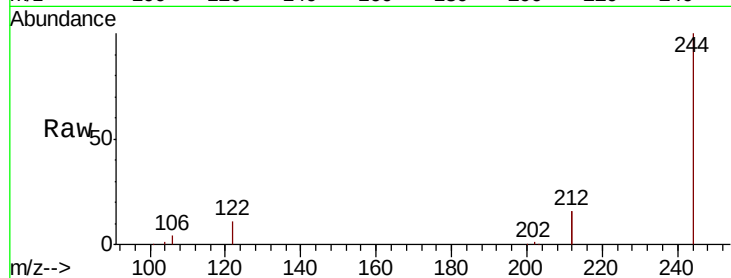
Tot Ion:244 Resp: 31872

Ion Ratio Lower Upper

244 100

212 31.2 26.2 39.4

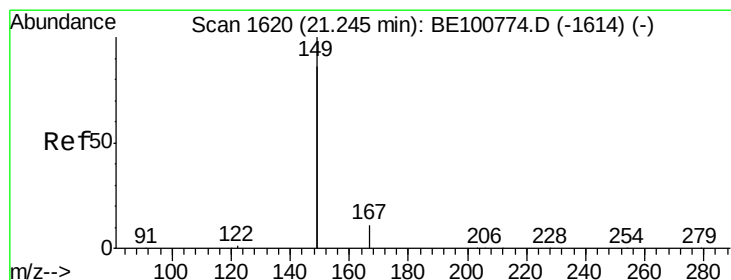
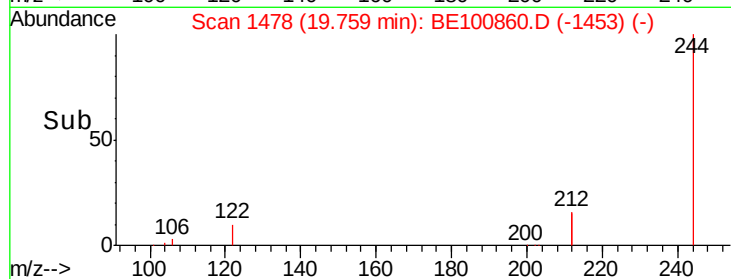
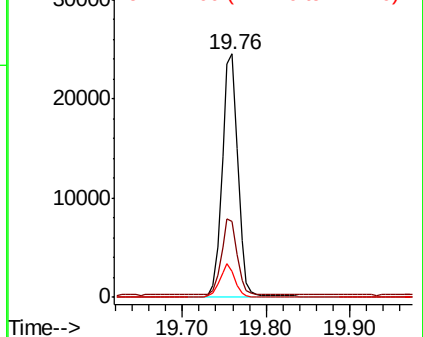
122 10.6 10.2 15.4



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: Below Cal

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

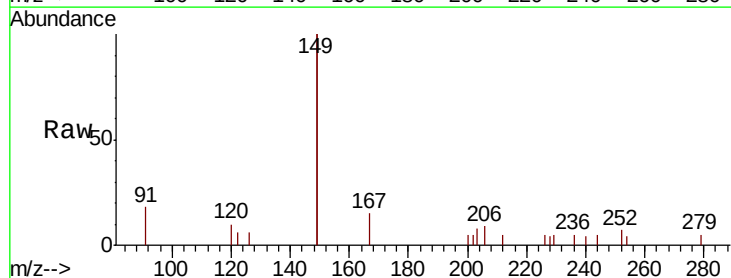
Tgt Ion:149 Resp: 2058

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

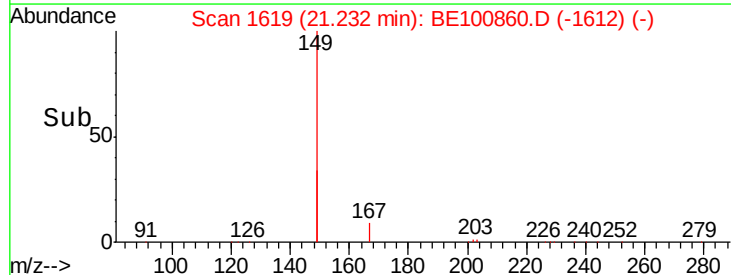
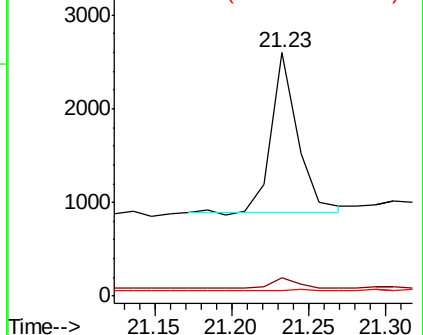
279 1.4 0.7 1.1#

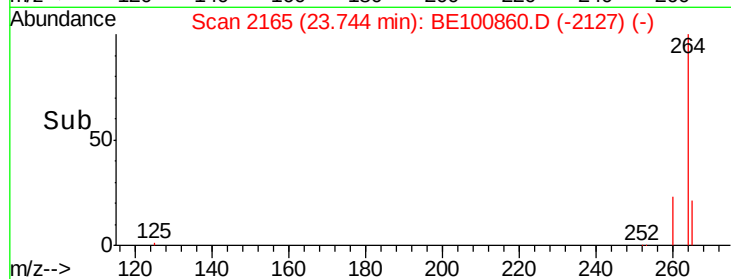
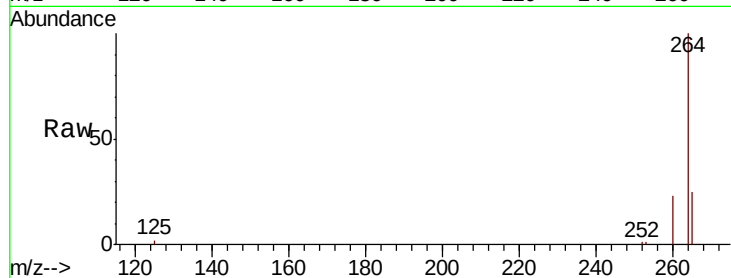
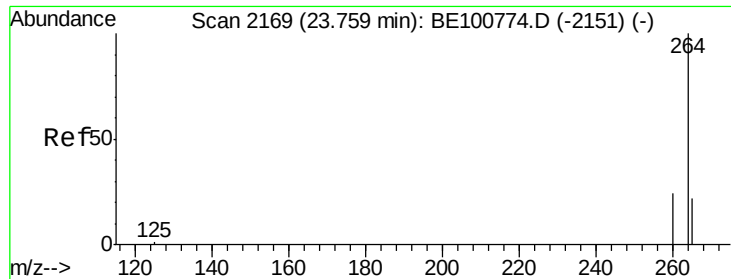


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:15

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

Tot Ion: 264 Resp: 24311

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 24.8 21.8 32.8

