

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100997.D
 Acq On : 27 Dec 2019 17:29
 Operator : JU
 Sample : K6392-04DL 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-4DL

Quant Time: Dec 27 22:48:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

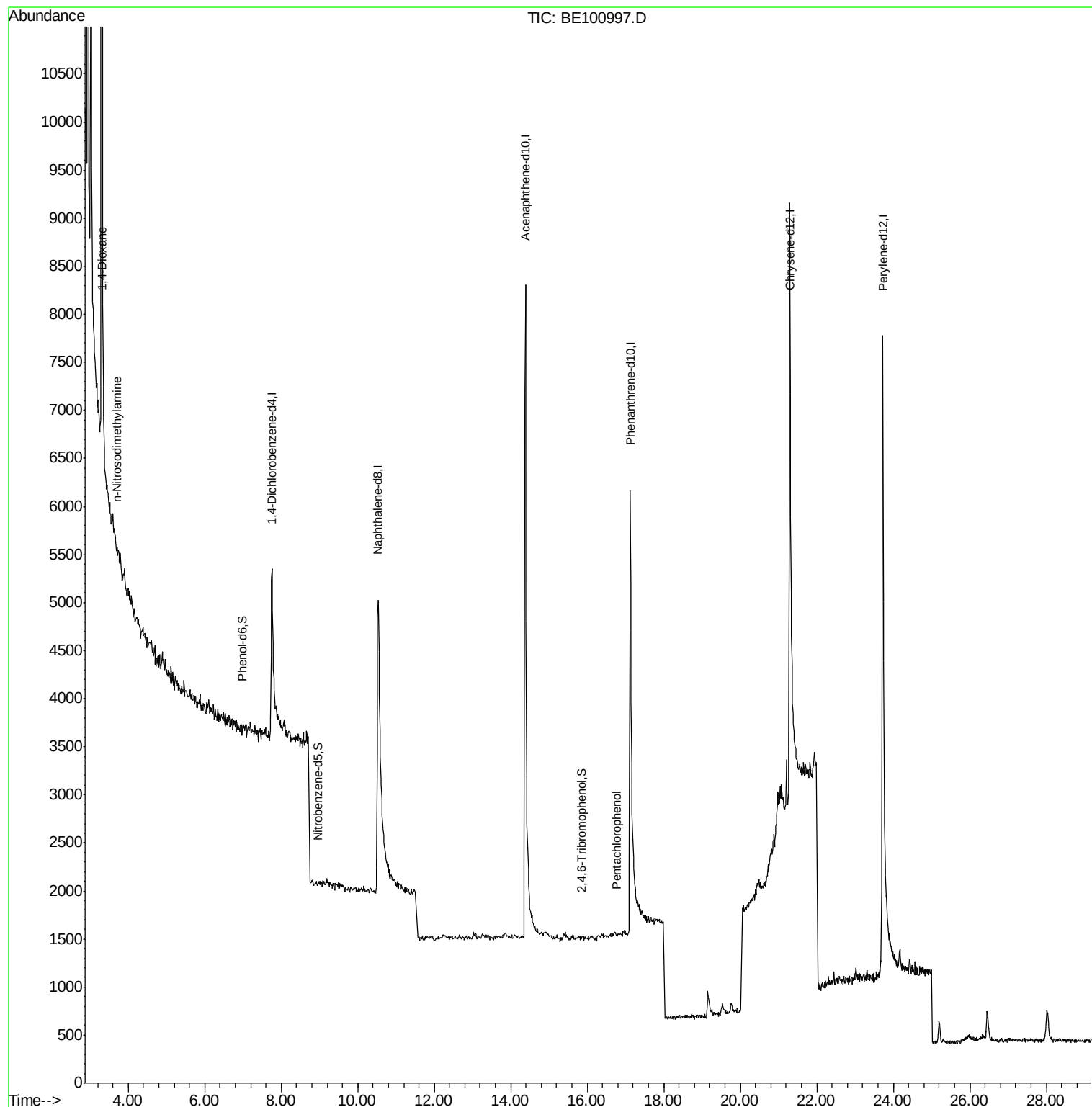
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	1898	0.40	ng	0.01
7) Naphthalene-d8	10.54	136	10136	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	7376	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	16660	0.40	ng	0.00
27) Chrysene-d12	21.29	240	13823	0.40	ng	0.00
34) Perylene-d12	23.72	264	15838	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	17	0.01	ng	0.00
5) Phenol-d6	6.99	99	14	0.21	ng	0.00
8) Nitrobenzene-d5	8.95	82	29	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	12.17	152	66	0.00	ng	0.04
14) 2,4,6-Tribromophenol	15.86	330	7	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	187	0.01	ng	0.03
25) Fluoranthene-d10	19.15	212	704	0.00	ng	0.00
29) Terphenyl-d14	19.76	244	207	0.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	9944	2.493	ng	# 76
3) n-Nitrosodimethylamine	3.70	42	60	0.346	ng	# 3
22) Pentachlorophenol	16.77	266	14	0.110	ng	93
32) Bis(2-ethylhexyl)phthalate	21.21	149	573	Below Cal		# 79

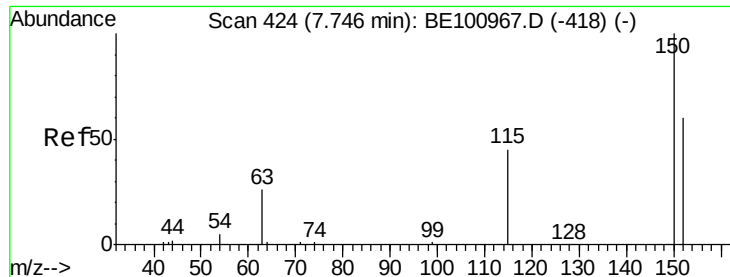
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100997.D

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Instrument :

BNA_E

ClientSampleId :

MW-4DL

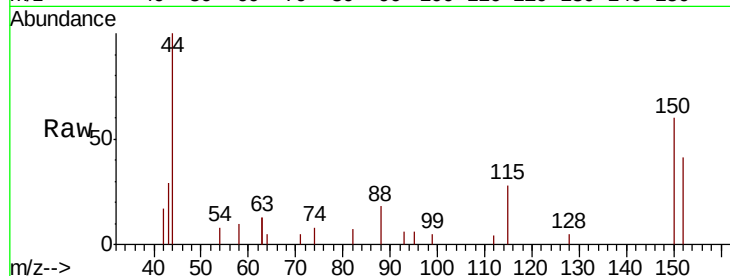
Tot Ion:152 Resp: 1898

Ion Ratio Lower Upper

152 100

150 145.5 132.6 199.0

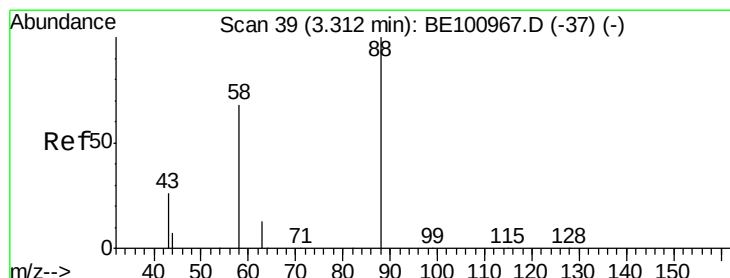
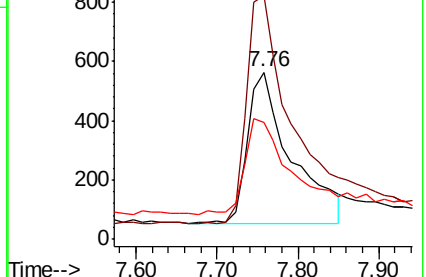
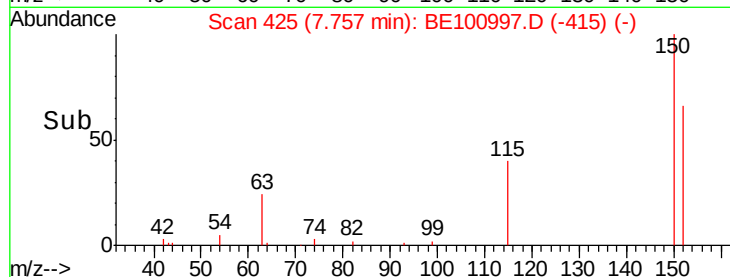
115 69.6 64.1 96.1



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: 2.493 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

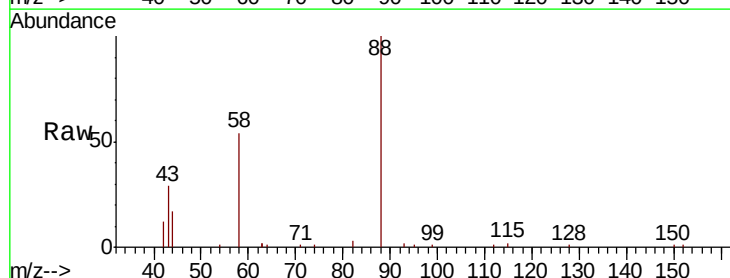
Tgt Ion: 88 Resp: 9944

Ion Ratio Lower Upper

88 100

58 76.8 44.2 66.4#

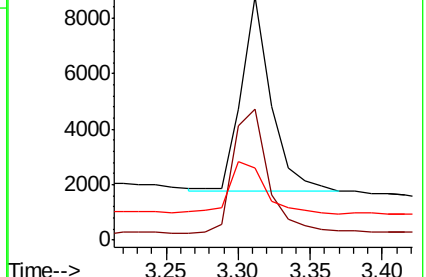
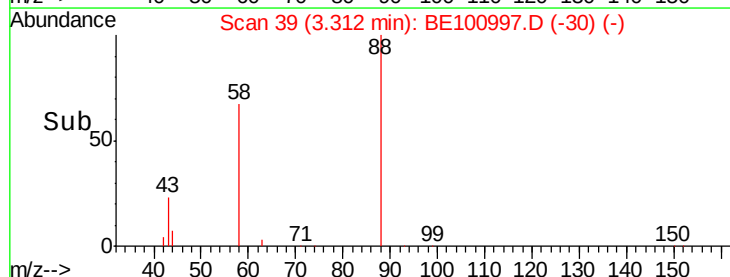
43 32.1 21.0 31.6#

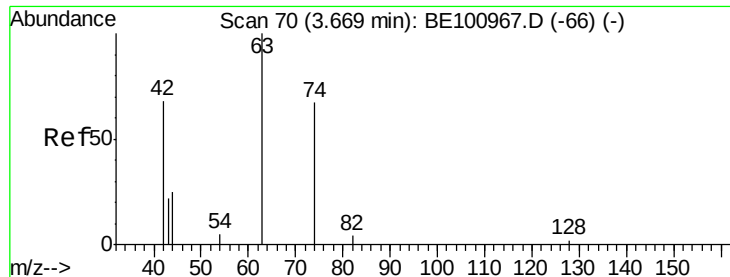


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.346 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.03 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Instrument :

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ClientSampleId :

MW-4DL

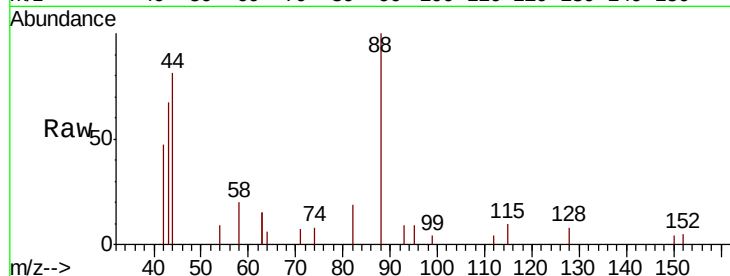
Tot Ion: 42 Resp: 60

Ion Ratio Lower Upper

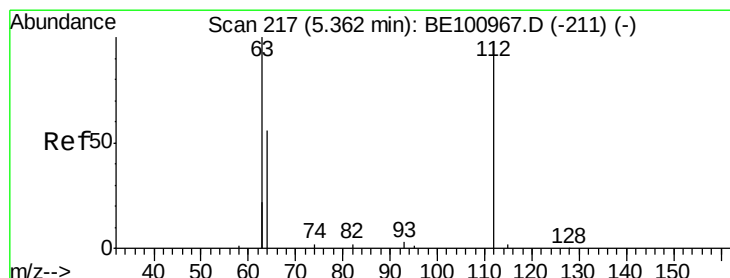
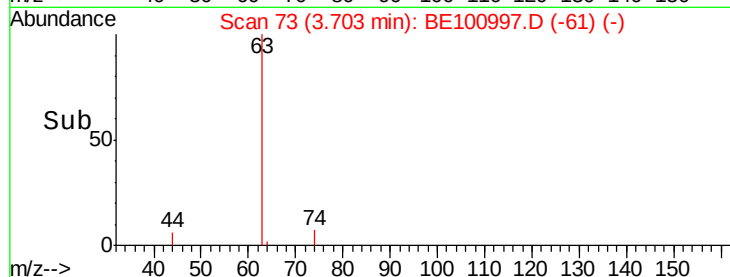
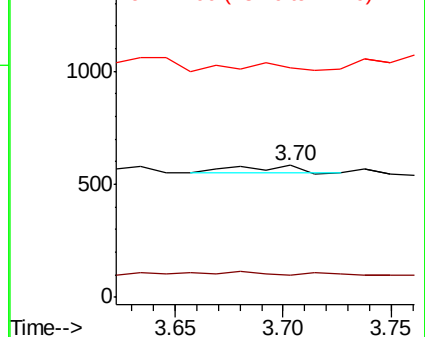
42 100

74 25.0 116.6 174.8#

44 0.0 0.0 0.0



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: 0.005 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

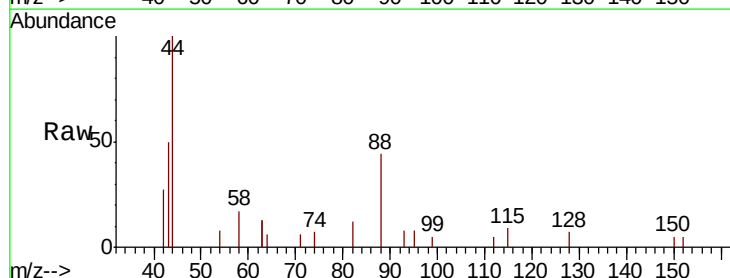
Tgt Ion: 112 Resp: 17

Ion Ratio Lower Upper

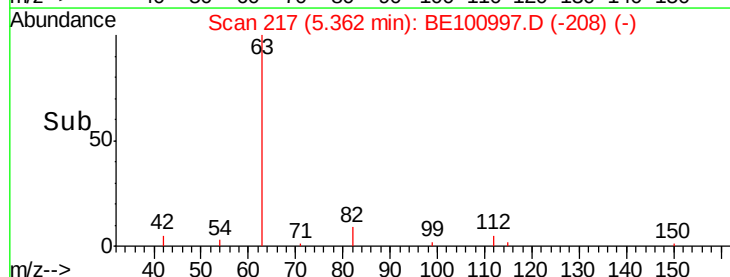
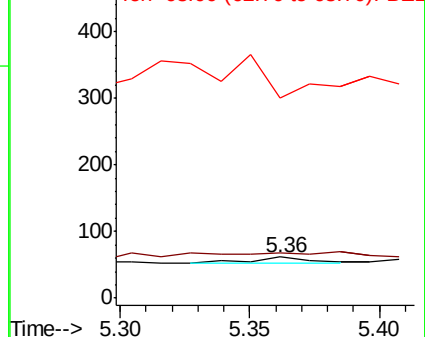
112 100

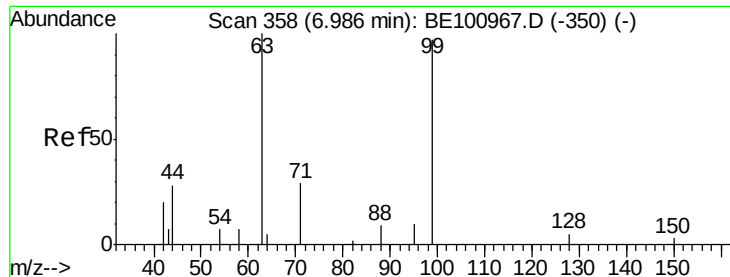
64 0.0 59.0 88.6#

63 511.8 121.4 182.0#



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: 0.206 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Instrument :

BNA_E

ClientSampleId :

MW-4DL

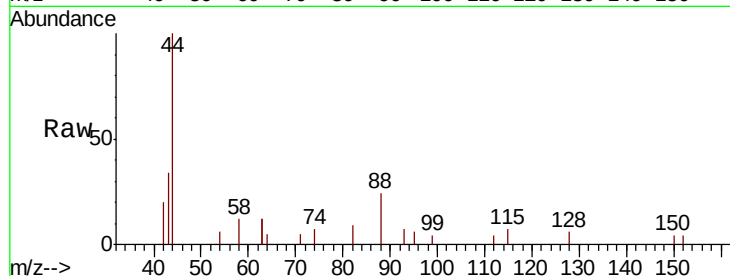
Tot Ion: 99 Resp: 14

Ion Ratio Lower Upper

99 100

42 321.4 0.0 0.0#

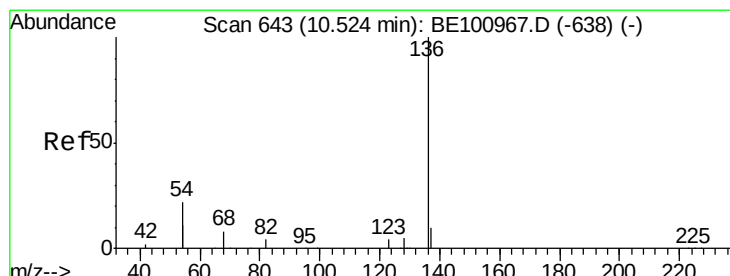
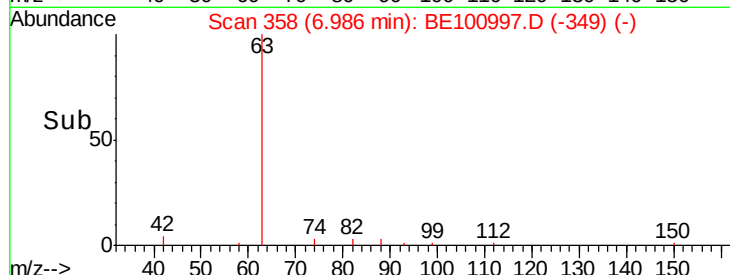
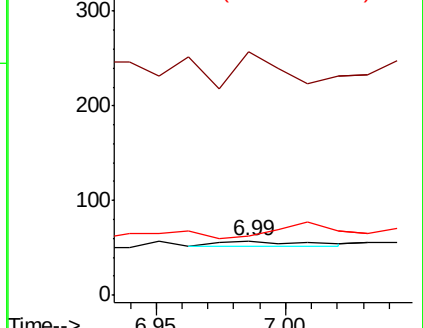
71 0.0 0.0 0.0



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# 645

Delta R.T. 0.01 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Tgt Ion: 136 Resp: 10136

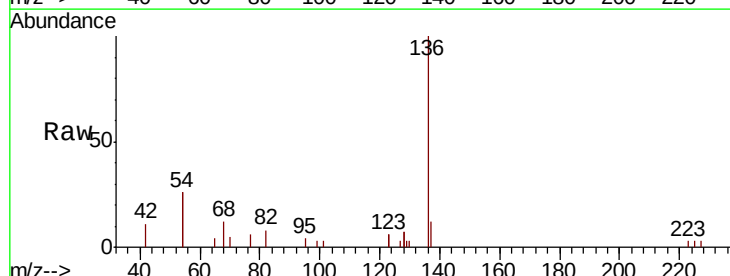
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 51.4 34.4 51.6

68 12.2 7.8 11.6#

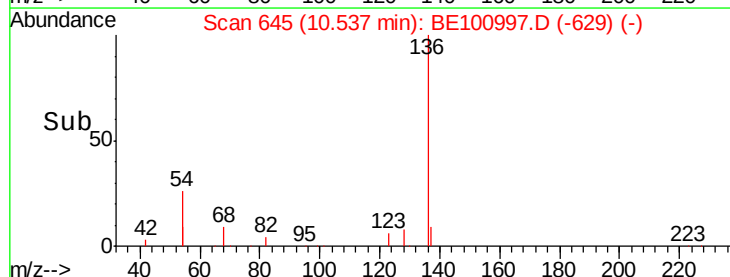
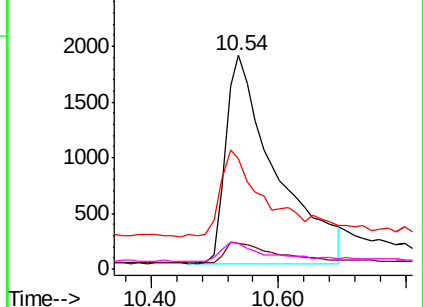


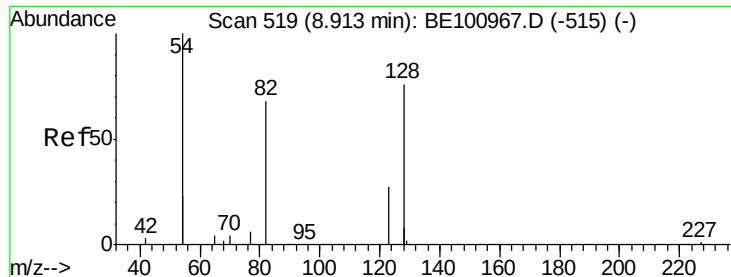
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.214 ng

RT: 8.95 min Scan# 523

Delta R.T. 0.04 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Instrument :

BNA_E

ClientSampleId :

MW-4DL

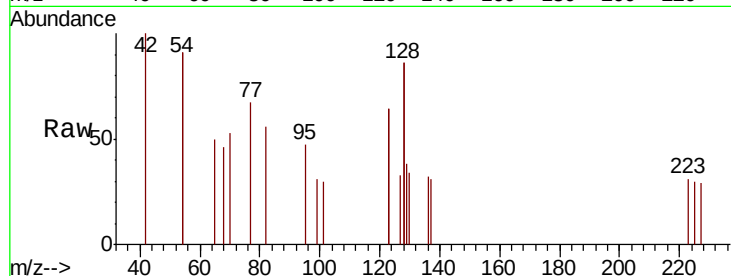
Tot Ion: 82 Resp: 29

Ion Ratio Lower Upper

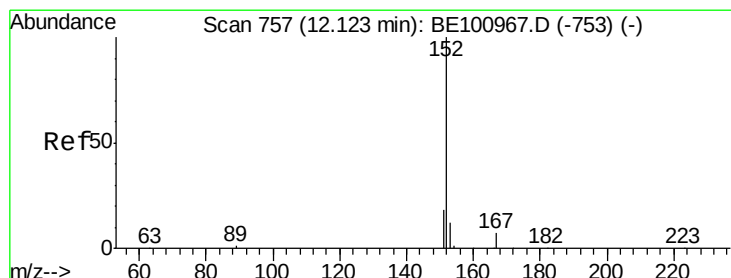
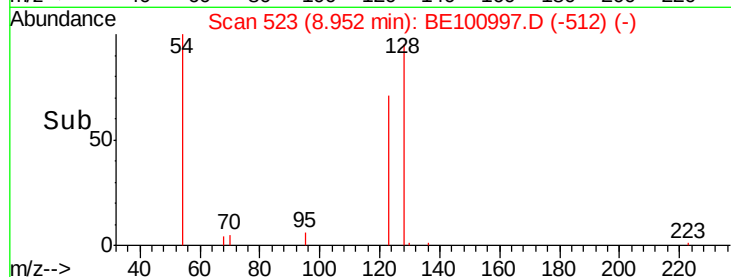
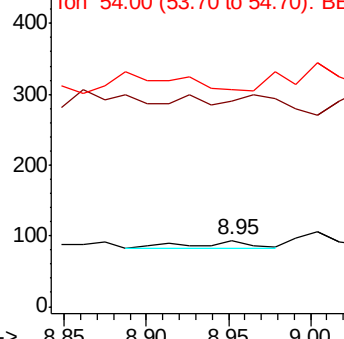
82 100

128 308.5 140.2 210.2#

54 325.5 183.8 275.6#



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: 0.004 ng

RT: 12.17 min Scan# 761

Delta R.T. 0.04 min

Lab File: BE100997.D

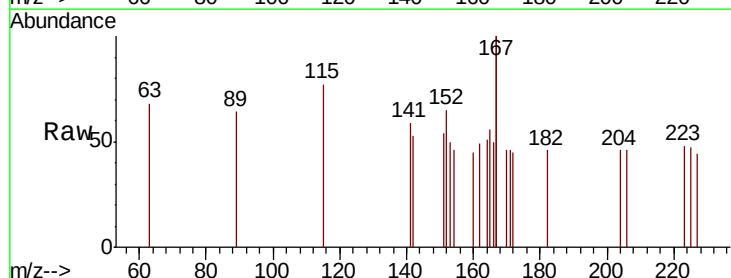
Acq: 27 Dec 2019 17:29

Tgt Ion: 152 Resp: 66

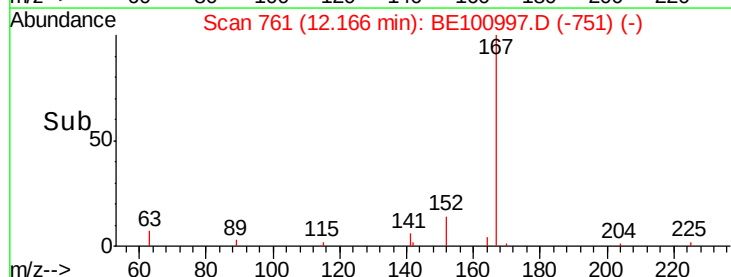
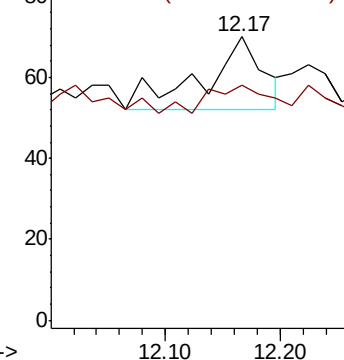
Ion Ratio Lower Upper

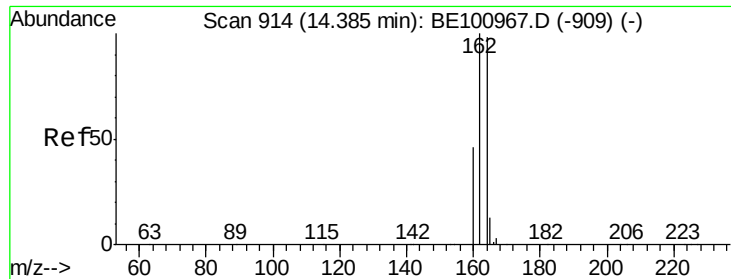
152 100

151 42.4 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# 915

Delta R.T. 0.00 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Instrument :

BNA_E

ClientSampleId :

MW-4DL

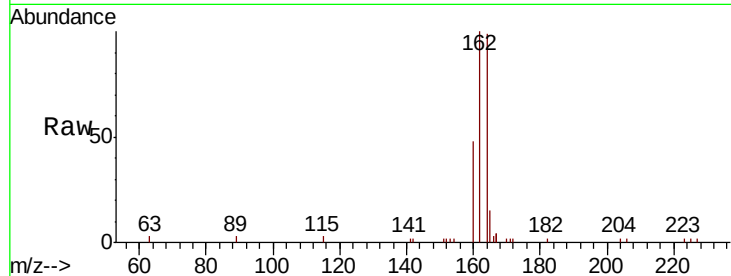
Tot Ion:164 Resp: 7376

Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

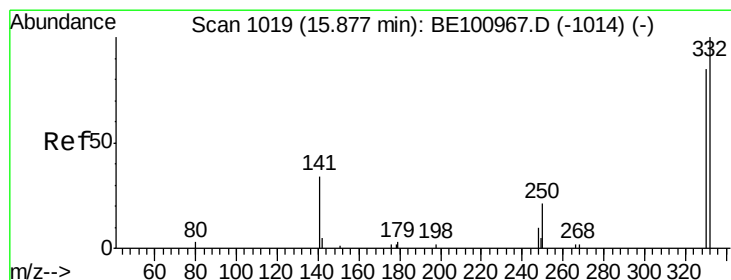
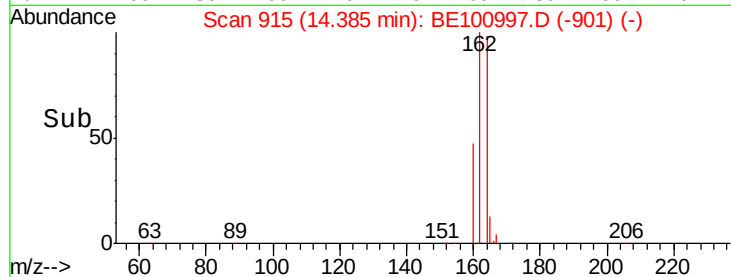
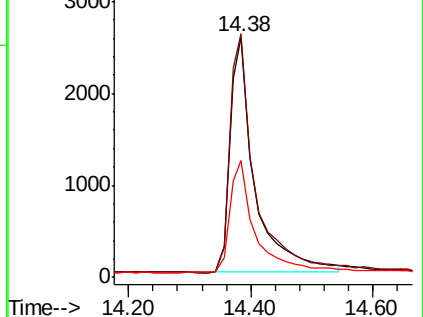
160 48.4 37.7 56.5



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: 0.235 ng

RT: 15.86 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

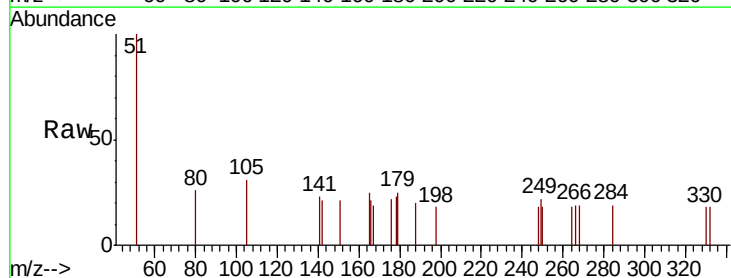
Tgt Ion:330 Resp: 7

Ion Ratio Lower Upper

330 100

332 0.0 72.4 108.6#

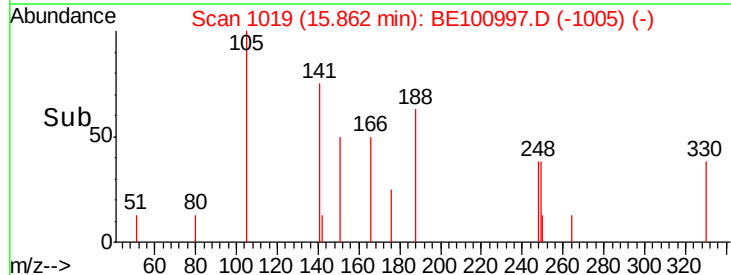
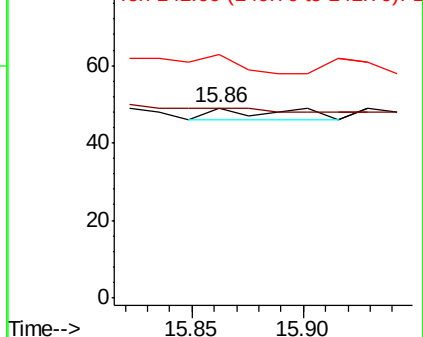
141 0.0 25.4 38.2#

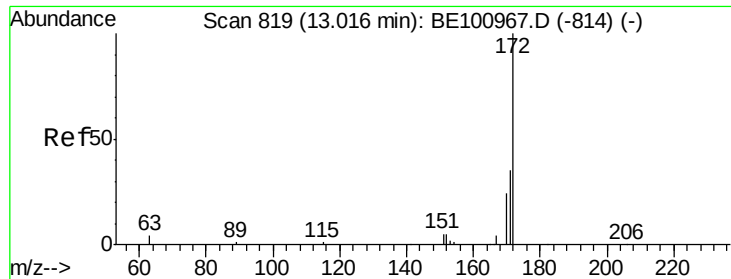


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

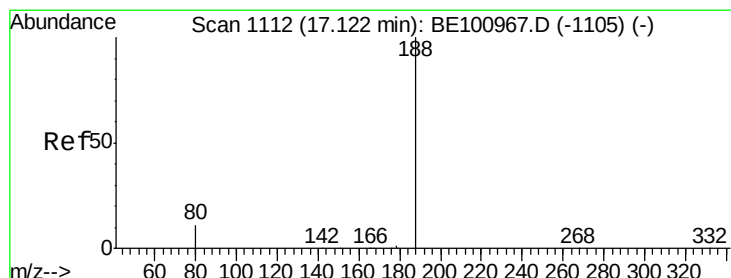
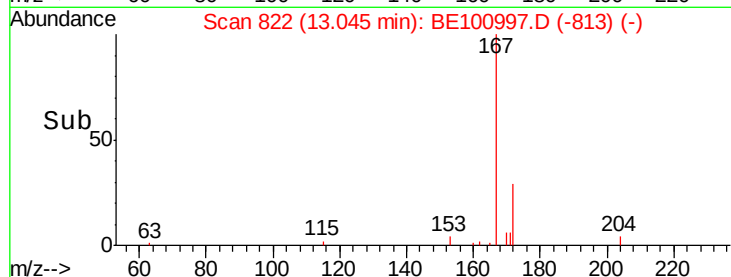
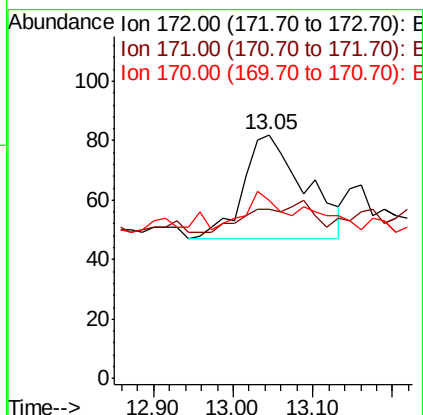
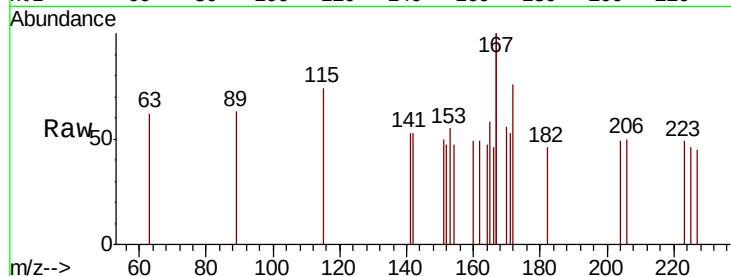




#15
2-Fluorobiphenyl
Concen: 0.007 ng
RT: 13.05 min Scan# 822
Delta R.T. 0.03 min
Lab File: BE100997.D
Acq: 27 Dec 2019 17:29

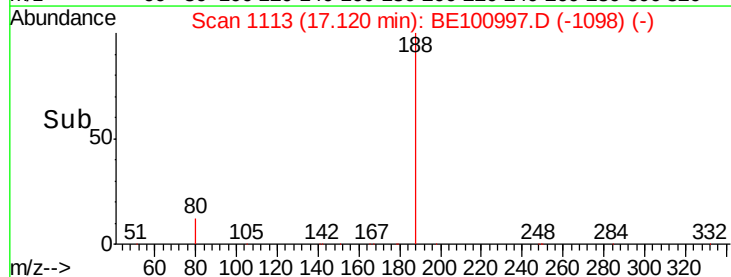
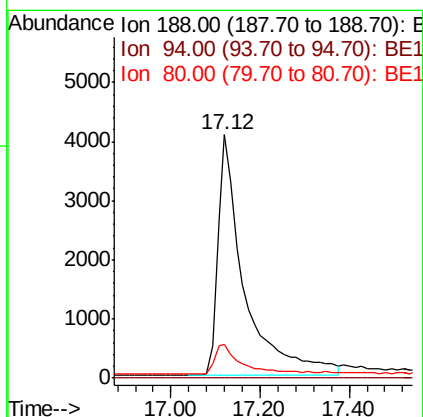
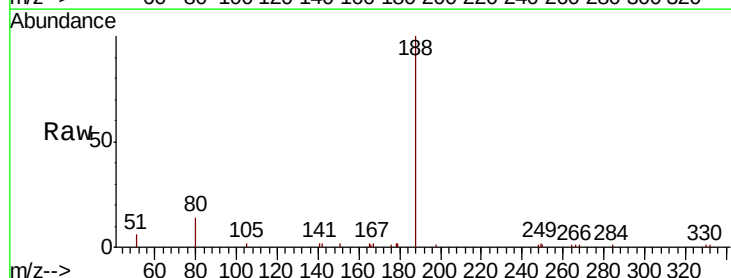
Instrument :
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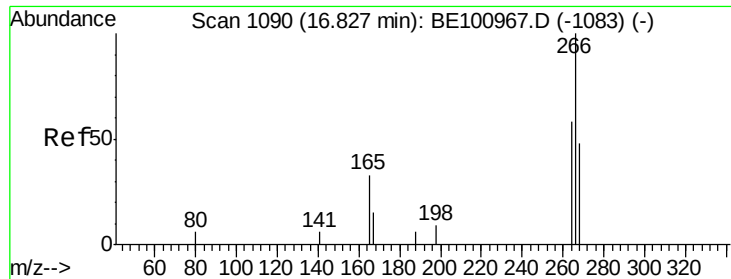
Tot Ion:172 Resp: 187
Ion Ratio Lower Upper
172 100
171 69.5 29.0 43.6#
170 73.2 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100997.D
Acq: 27 Dec 2019 17:29

Tgt Ion:188 Resp: 16660
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 9.7 14.5

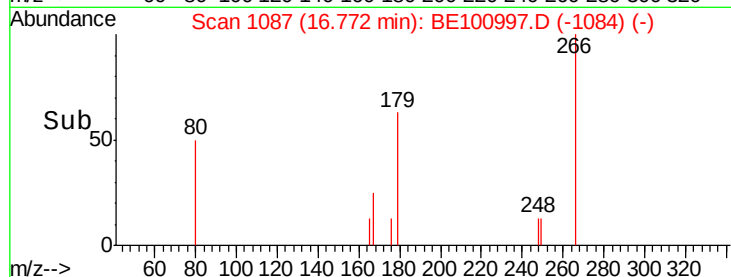
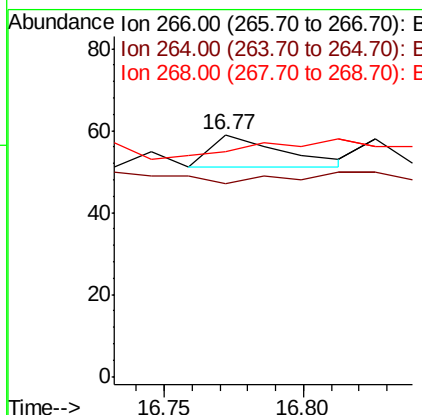
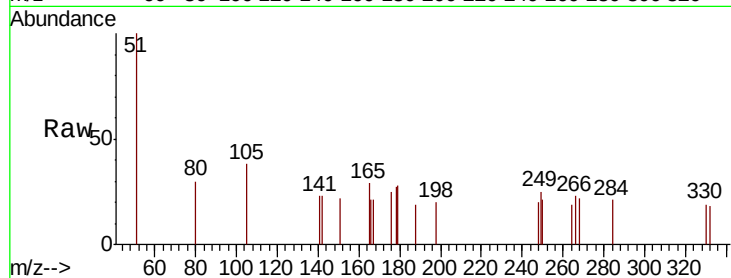




#22
 Pentachlorophenol
 Concen: 0.110 ng
 RT: 16.77 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BE100997.D
 Acq: 27 Dec 2019 17:29

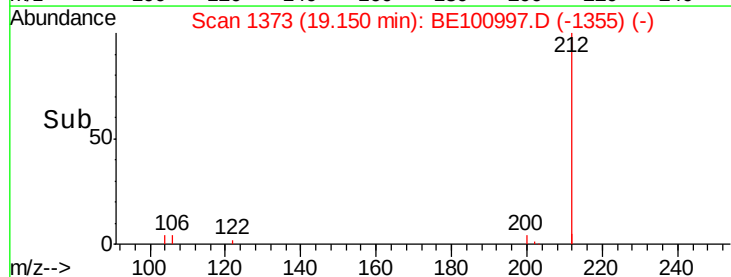
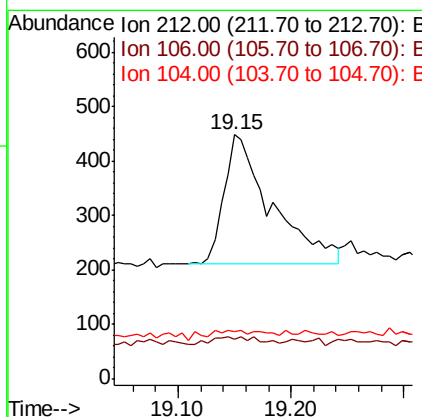
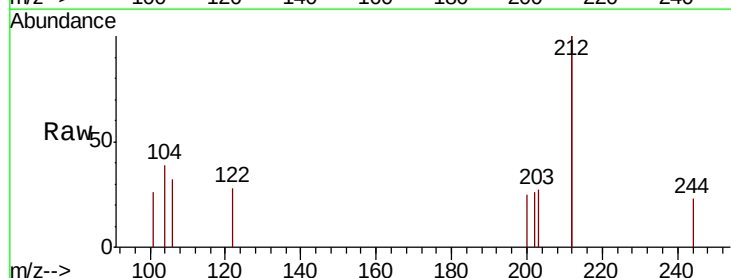
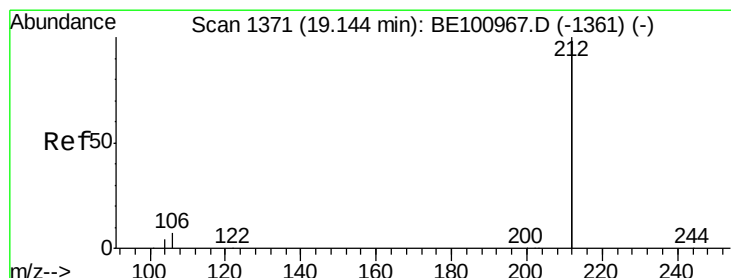
Instrument :
 BNA_E
 ClientSampleId :
 MW-4DL

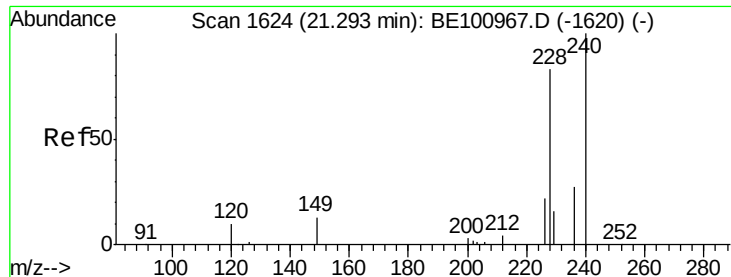
Tot Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 79.7 62.3 93.5
 268 93.2 66.1 99.1



#25
 Fluoranthene-d10
 Concen: 0.003 ng
 RT: 19.15 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BE100997.D
 Acq: 27 Dec 2019 17:29

Tgt Ion:212 Resp: 704
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.4 3.6
 104 6.3 1.4 2.0#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Instrument :

BNA_E

ClientSampleId :

MW-4DL

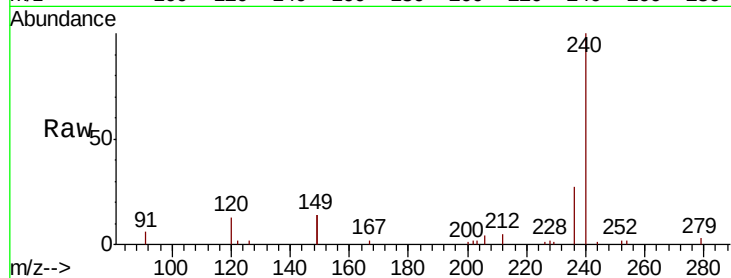
Tot Ion:240 Resp: 13823

Ion Ratio Lower Upper

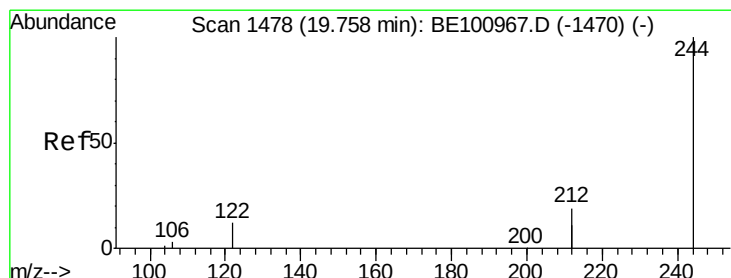
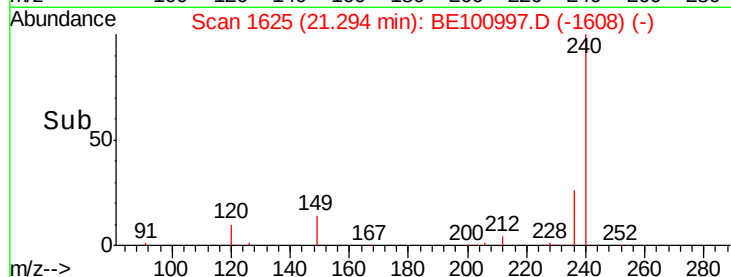
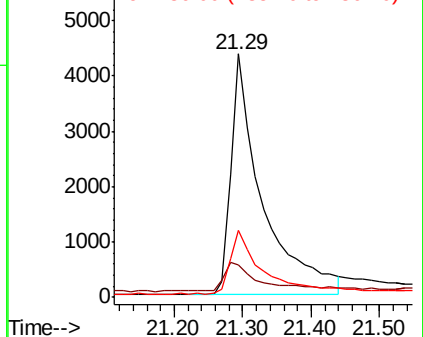
240 100

120 13.1 10.2 15.4

236 27.4 22.6 34.0



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: 0.007 ng

RT: 19.76 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

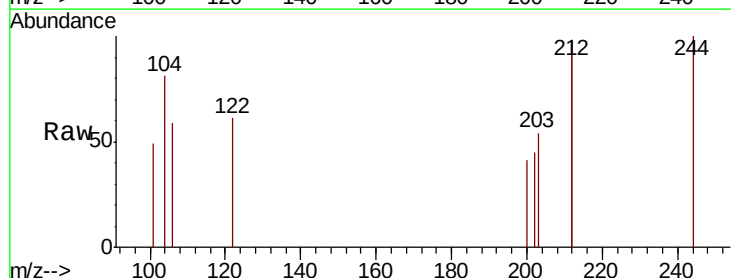
Tgt Ion:244 Resp: 207

Ion Ratio Lower Upper

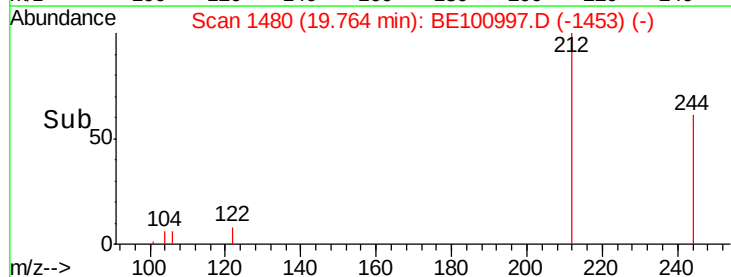
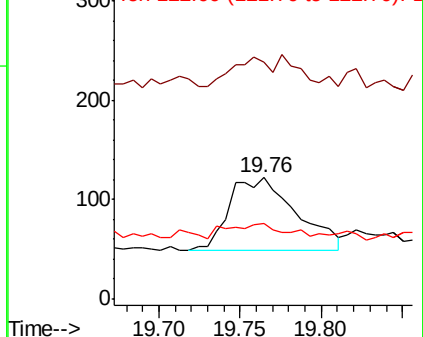
244 100

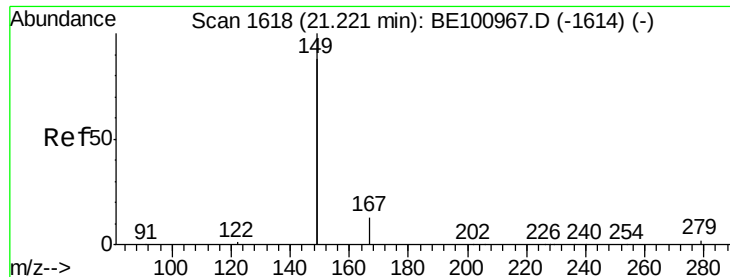
212 195.1 29.3 43.9#

122 61.5 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: 21.21 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

Instrument :

BNA_E

ClientSampleId :

MW-4DL

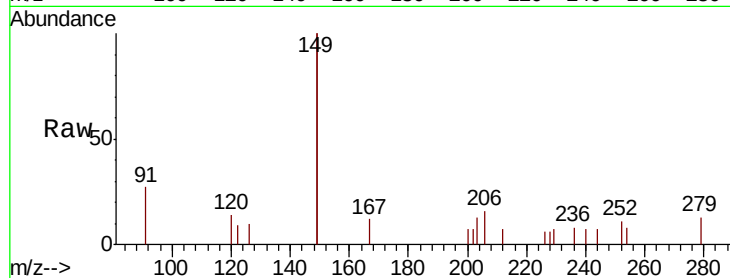
Tot Ion:149 Resp: 573

Ion Ratio Lower Upper

149 100

167 13.4 5.1 7.7#

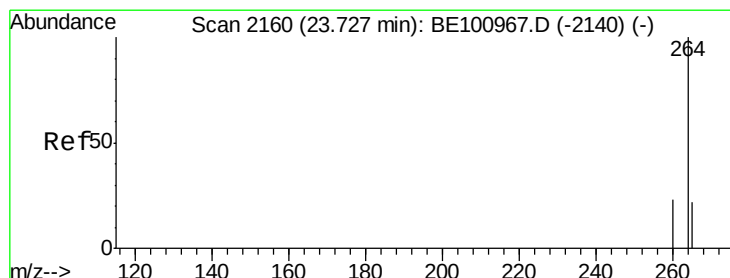
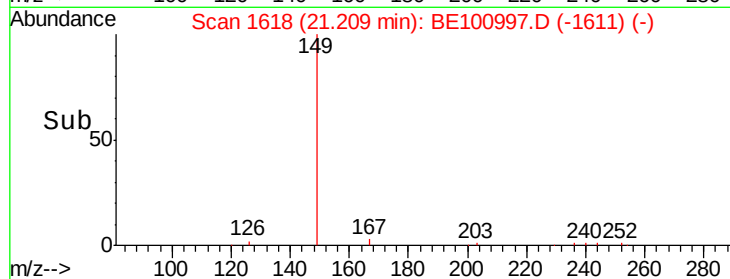
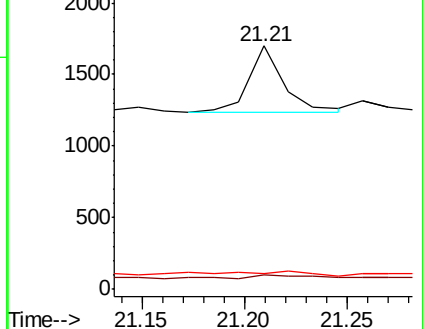
279 11.7 0.6 1.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.72 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100997.D

Acq: 27 Dec 2019 17:29

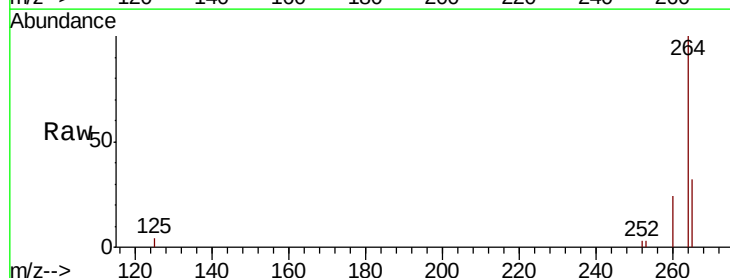
Tgt Ion:264 Resp: 15838

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 31.7 26.6 40.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

