

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100996.D
 Acq On : 27 Dec 2019 16:51
 Operator : JU
 Sample : K6392-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3DL

Quant Time: Dec 27 22:45:16 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

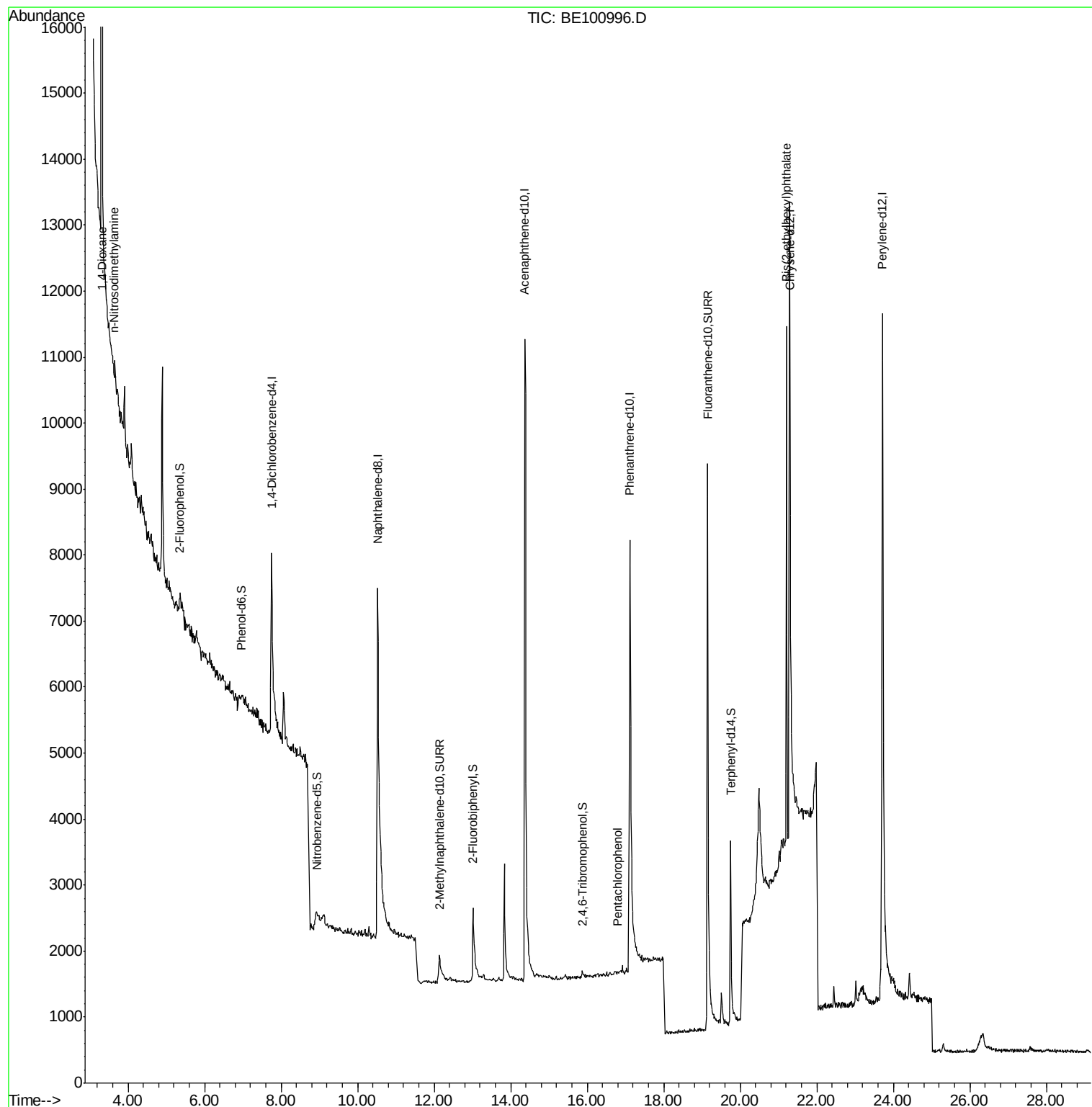
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2501	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12994	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8829	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	19851	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	18676	0.40	ng	0.00
34) Perylene-d12	23.72	264	22571	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	272	0.06	ng	0.00
5) Phenol-d6	6.97	99	62	0.21	ng	-0.02
8) Nitrobenzene-d5	8.94	82	391	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	12.14	152	1604	0.08	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	99	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	2563	0.08	ng	0.00
25) Fluoranthene-d10	19.14	212	19787	0.08	ng	0.00
29) Terphenyl-d14	19.75	244	4016	0.09	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.32	88	10728	1.989	ng	# 72
3) n-Nitrosodimethylamine	3.64	42	70	0.343	ng	# 1
22) Pentachlorophenol	16.79	266	15	0.108	ng	88
32) Bis(2-ethylhexyl)phthalate	21.21	149	8705	0.092	ng	100

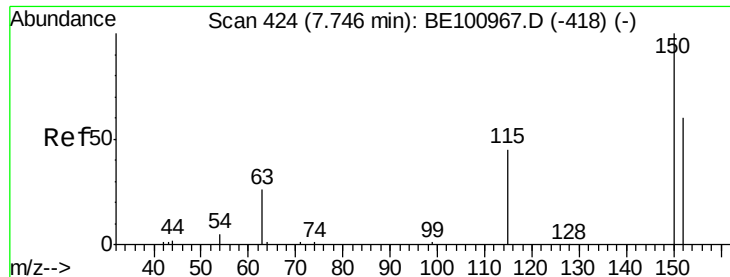
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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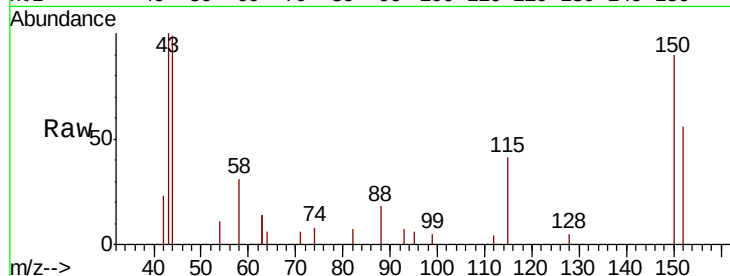


#1

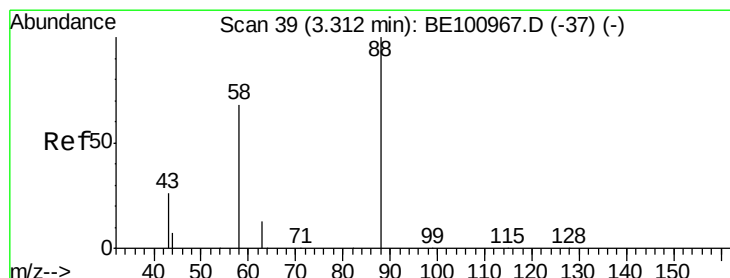
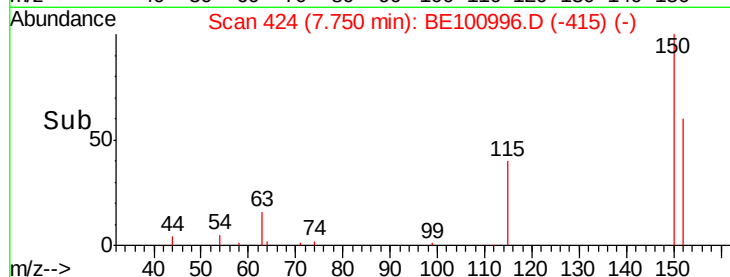
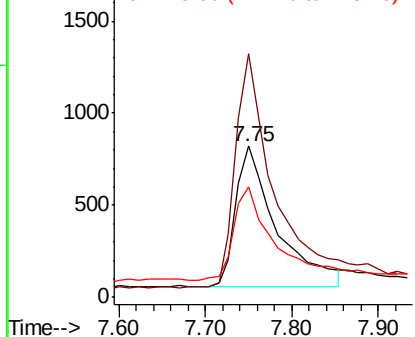
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100996.D
Acq: 27 Dec 2019 16:51

Instrument :
BNA_E
ClientSampleId :
MW-3DL

Tot Ion:152 Resp: 2501
Ion Ratio Lower Upper
152 100
150 160.8 132.6 199.0
115 72.6 64.1 96.1



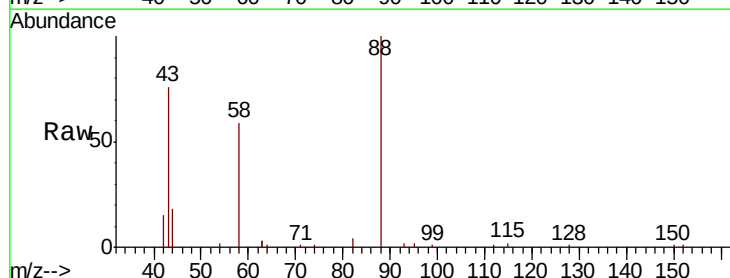
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



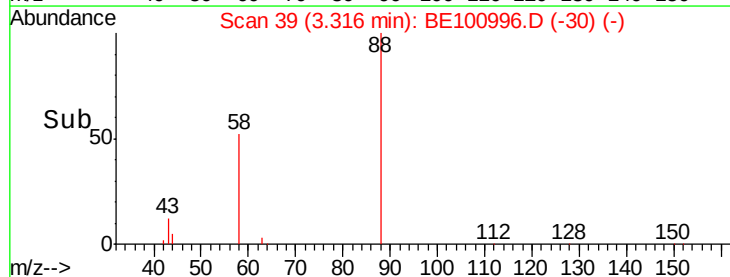
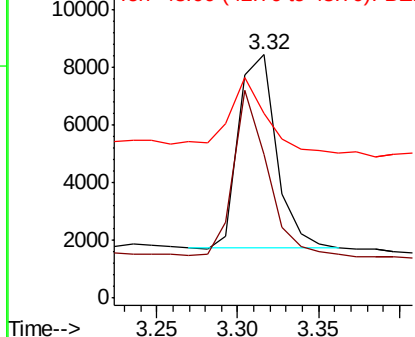
#2

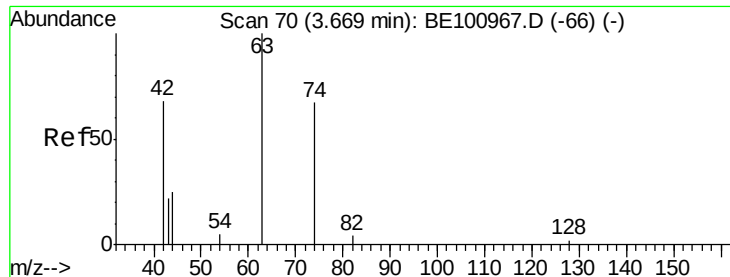
1,4-Dioxane
Concen: 1.989 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100996.D
Acq: 27 Dec 2019 16:51

Tgt Ion: 88 Resp: 10728
Ion Ratio Lower Upper
88 100
58 75.3 44.2 66.4#
43 41.5 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: 0.343 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.03 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

Instrument :

BNA_E

ClientSampleId :

MW-3DL

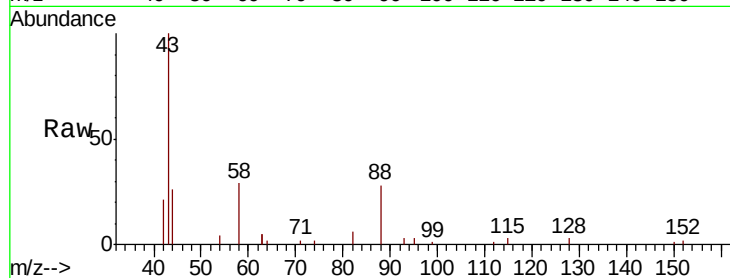
Tot Ion: 42 Resp: 70

Ion Ratio Lower Upper

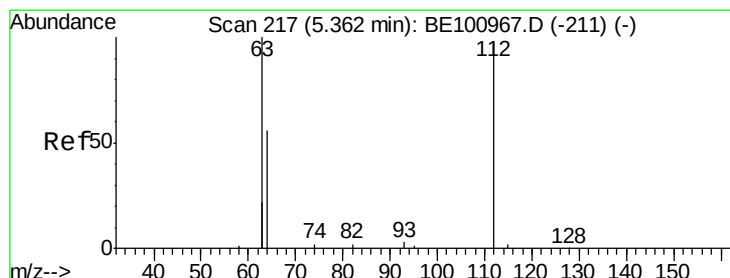
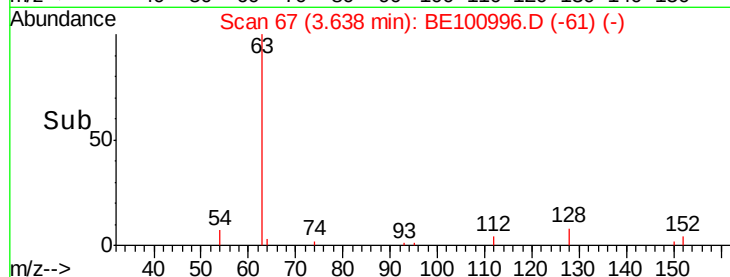
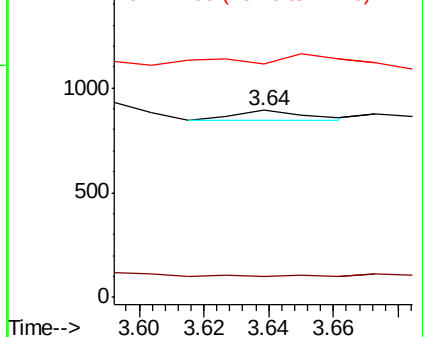
42 100

74 0.0 116.6 174.8#

44 251.4 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: 0.064 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

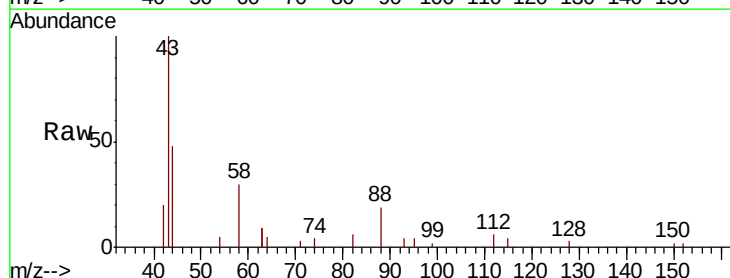
Tgt Ion: 112 Resp: 272

Ion Ratio Lower Upper

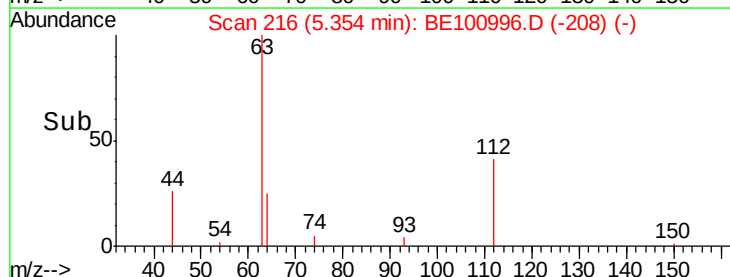
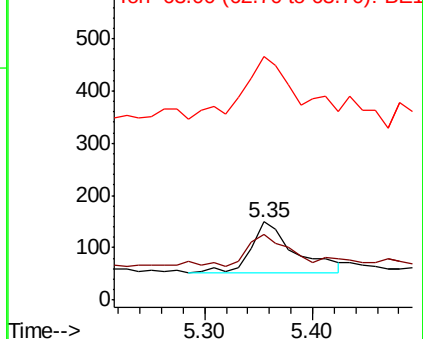
112 100

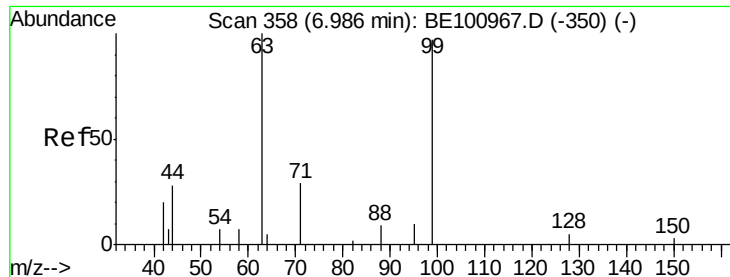
64 56.3 59.0 88.6#

63 148.9 121.4 182.0



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: 0.211 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

Instrument :

BNA_E

ClientSampleId :

MW-3DL

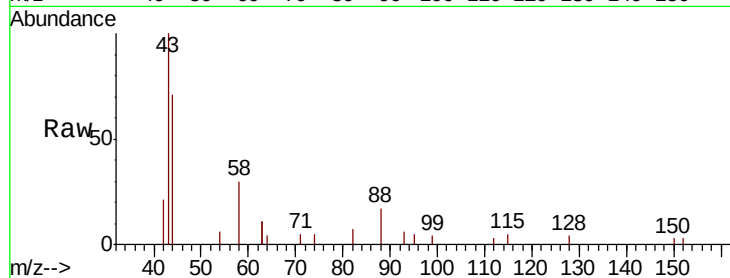
Tot Ion: 99 Resp: 62

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

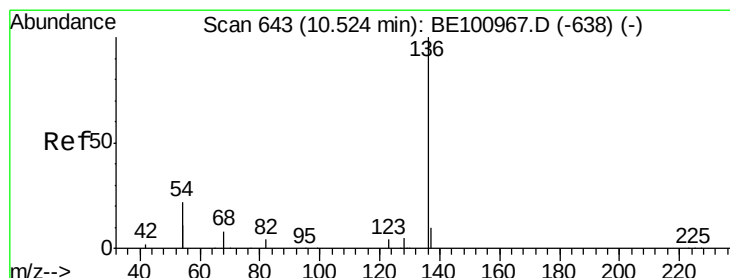
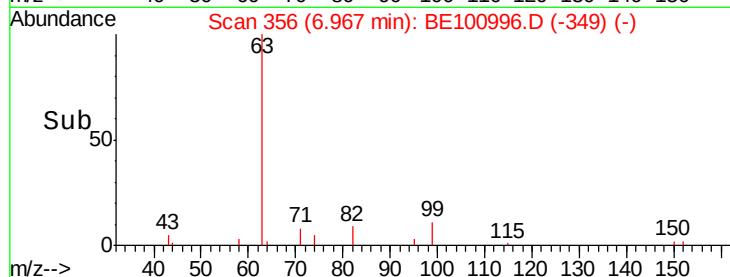
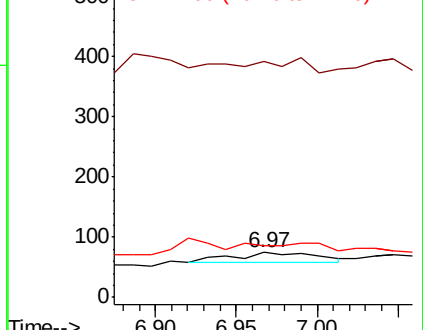
71 85.5 0.0 0.0#



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: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

Tgt Ion: 136 Resp: 12994

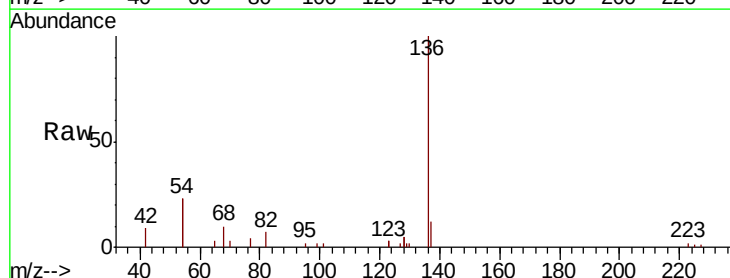
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 46.0 34.4 51.6

68 9.6 7.8 11.6

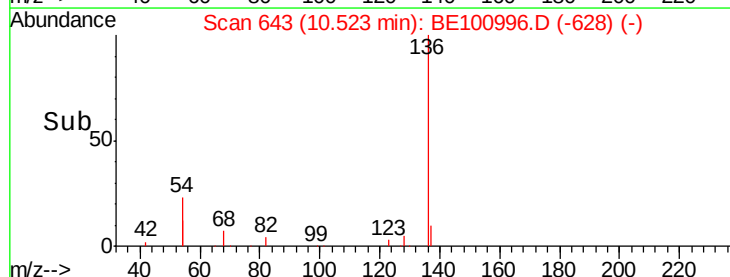
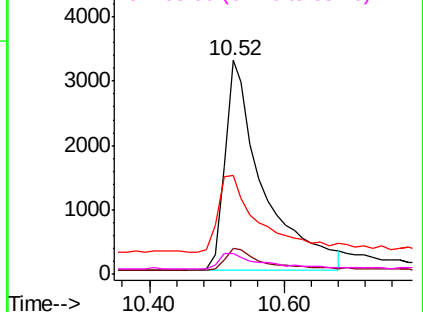


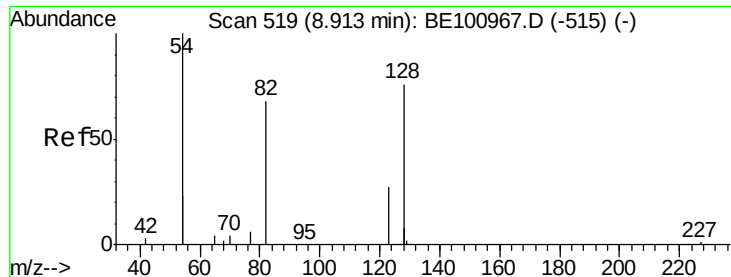
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.251 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

Instrument :

BNA_E

ClientSampleId :

MW-3DL

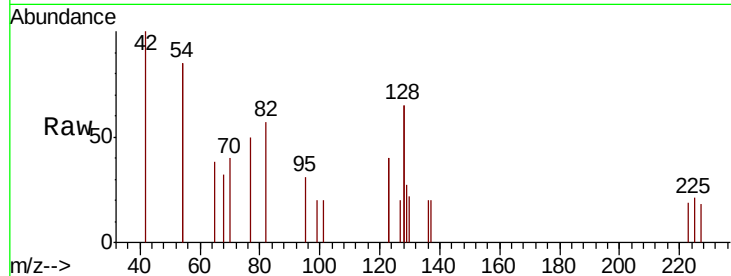
Tot Ion: 82 Resp: 391

Ion Ratio Lower Upper

82 100

128 226.9 140.2 210.2#

54 296.2 183.8 275.6#



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

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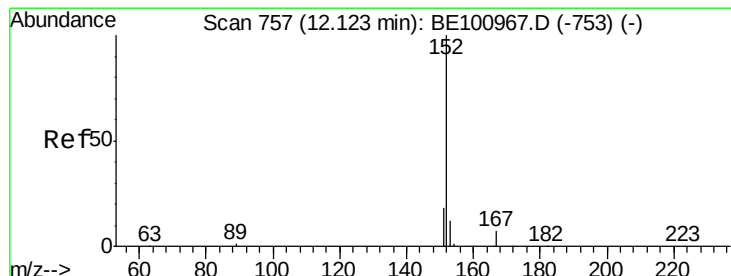
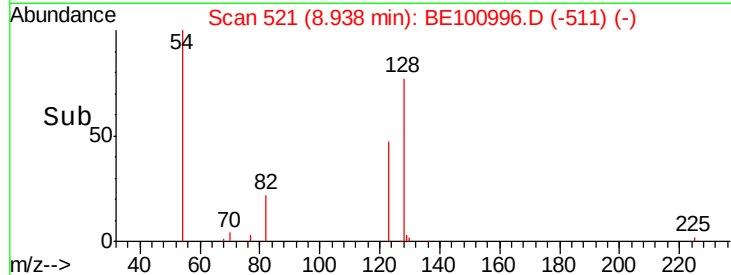
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#11

2-Methylnaphthalene-d10

Concen: 0.084 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100996.D

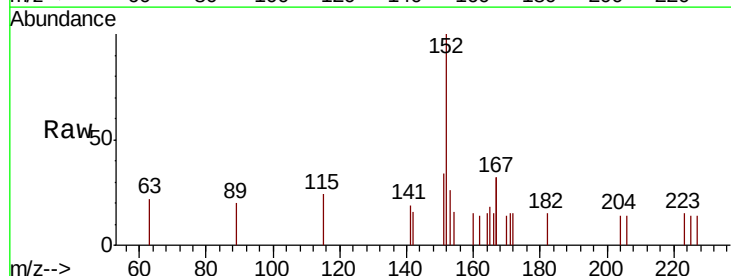
Acq: 27 Dec 2019 16:51

Tgt Ion: 152 Resp: 1604

Ion Ratio Lower Upper

152 100

151 17.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

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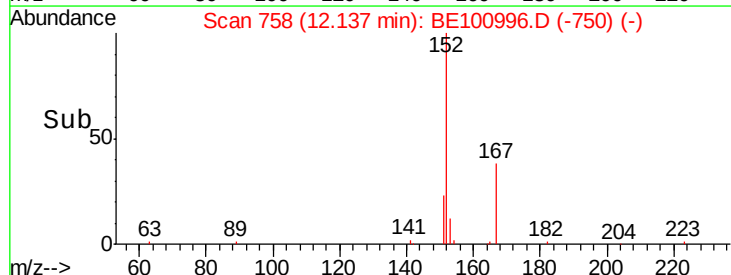
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

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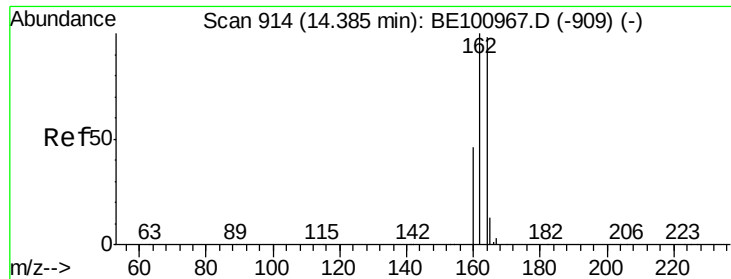
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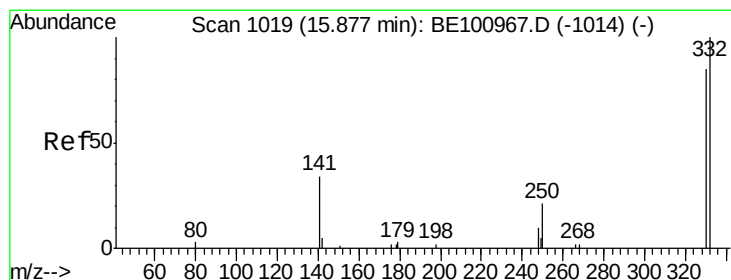
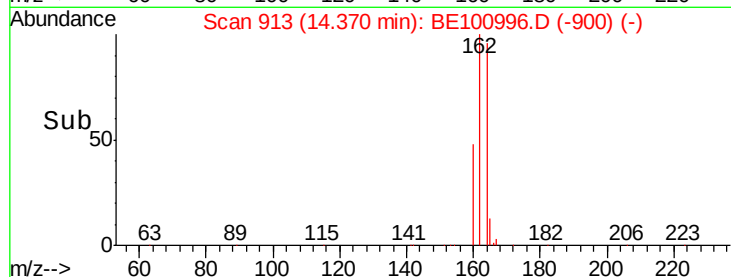
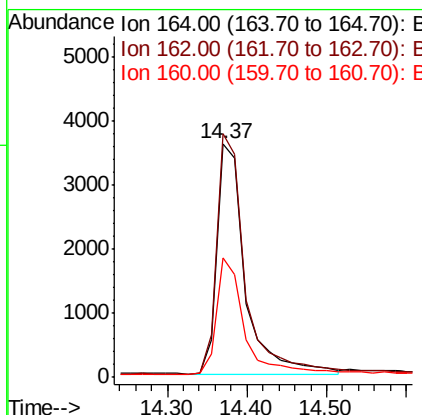
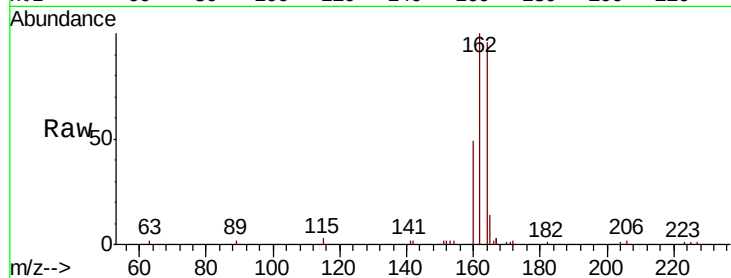
Time-->



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100996.D
Acq: 27 Dec 2019 16:51

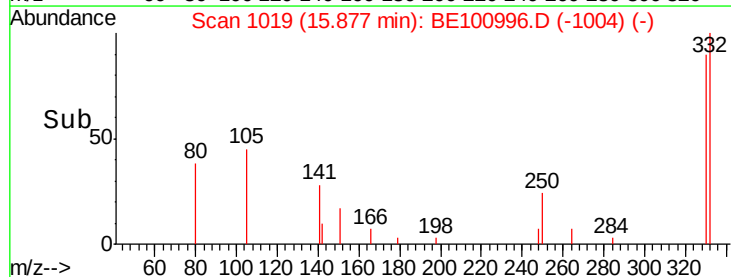
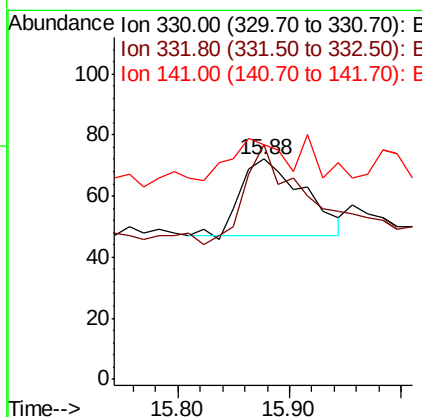
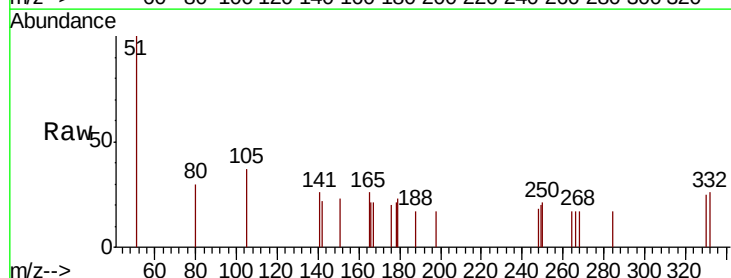
Instrument :
BNA_E
ClientSampleId :
MW-3DL

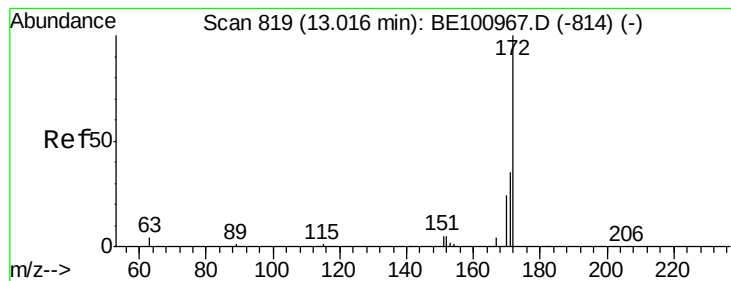
Tot Ion:164 Resp: 8829
Ion Ratio Lower Upper
164 100
162 104.1 81.6 122.4
160 50.9 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100996.D
Acq: 27 Dec 2019 16:51

Tgt Ion:330 Resp: 99
Ion Ratio Lower Upper
330 100
332 144.4 72.4 108.6#
141 44.4 25.4 38.2#

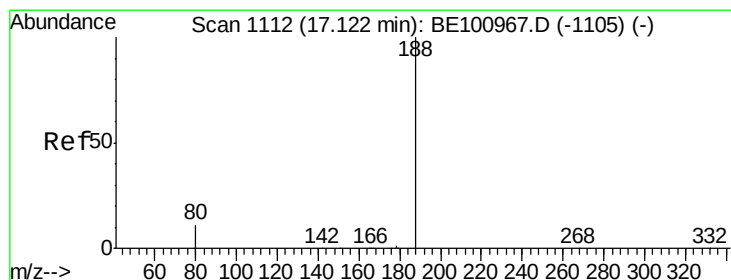
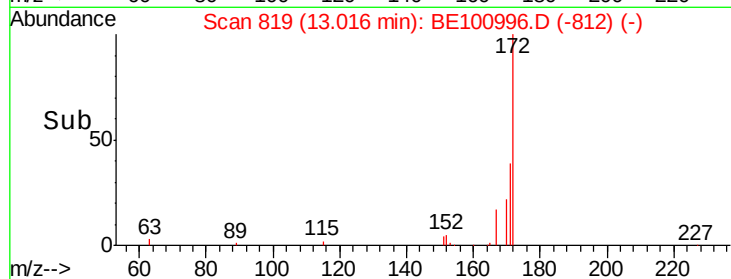
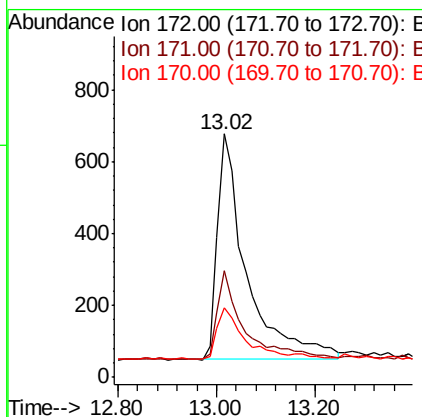
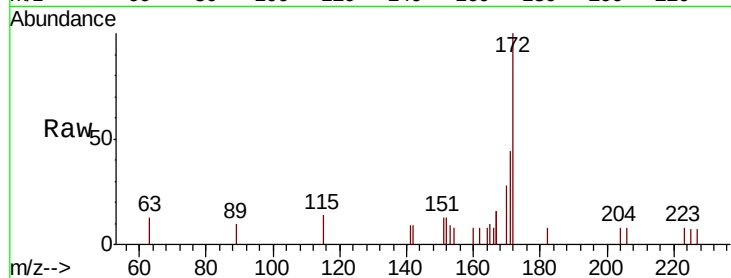




#15
2-Fluorobiphenyl
Concen: 0.082 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100996.D
Acq: 27 Dec 2019 16:51

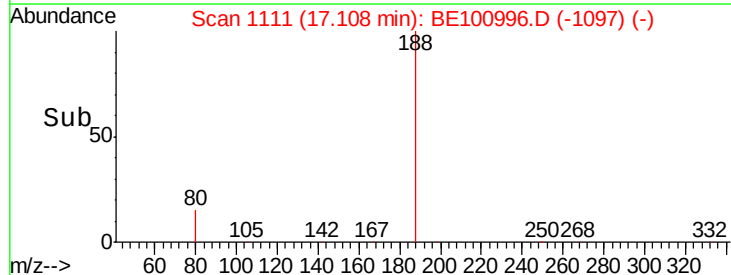
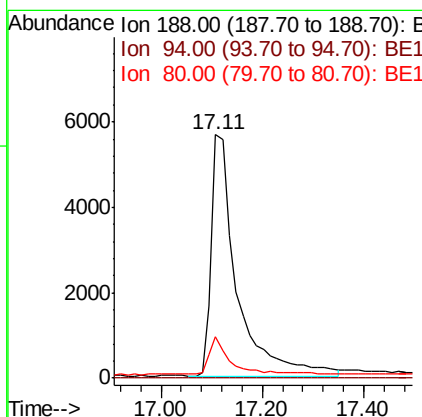
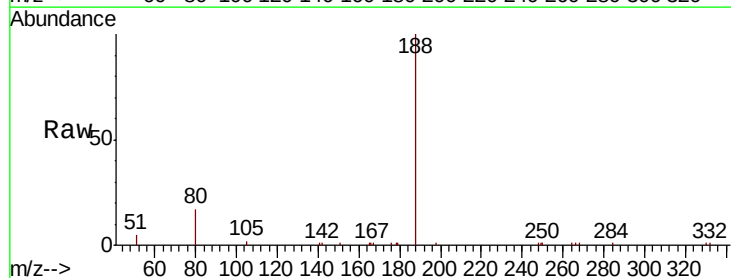
Instrument :
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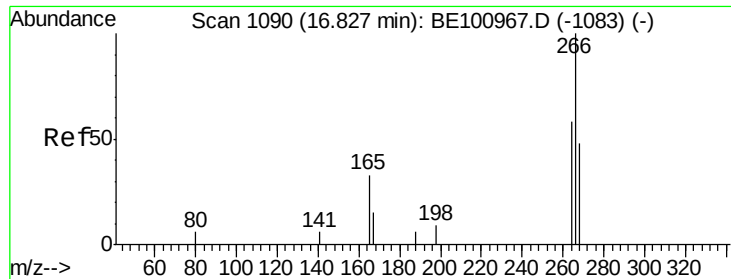
Tot Ion:172 Resp: 2563
Ion Ratio Lower Upper
172 100
171 43.9 29.0 43.6#
170 28.4 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100996.D
Acq: 27 Dec 2019 16:51

Tgt Ion:188 Resp: 19851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.8 9.7 14.5#

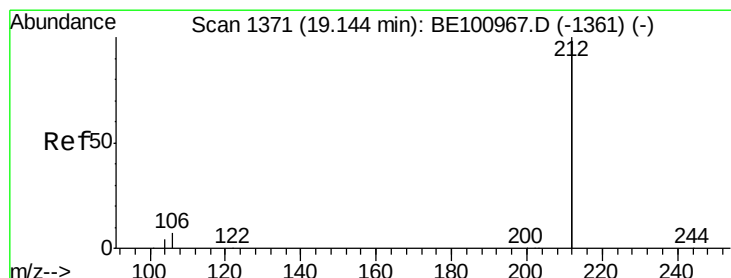
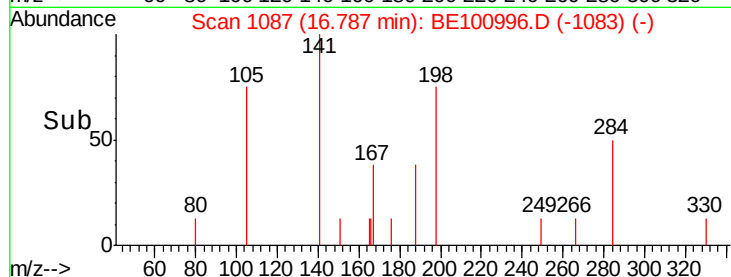
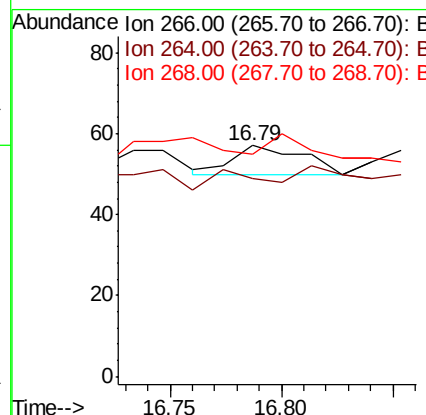
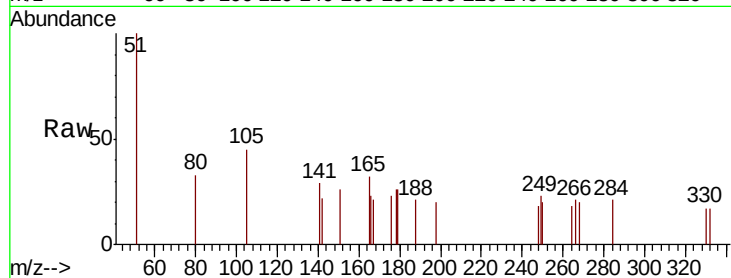




#22
 Pentachlorophenol
 Concen: 0.108 ng
 RT: 16.79 min Scan# 1087
 Delta R.T. -0.04 min
 Lab File: BE100996.D
 Acq: 27 Dec 2019 16:51

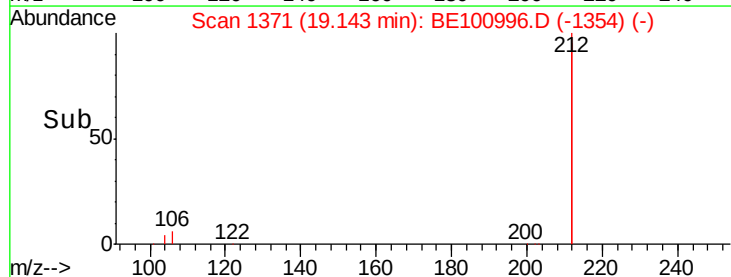
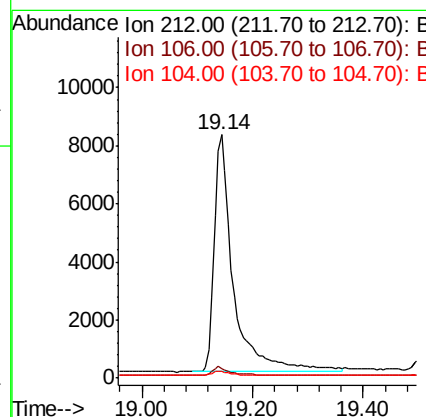
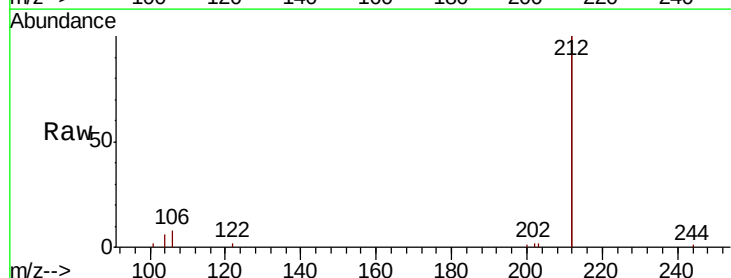
Instrument :
 BNA_E
 ClientSampleId :
 MW-3DL

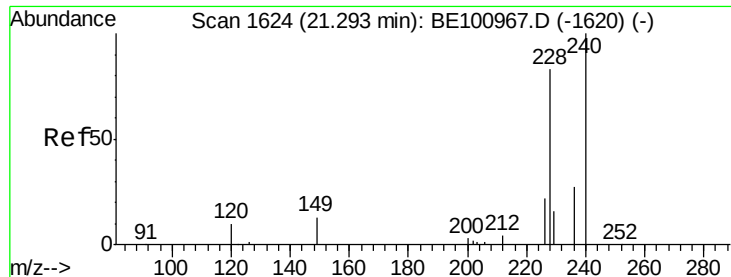
Tot Ion: 266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 86.0 62.3 93.5
 268 96.5 66.1 99.1



#25
 Fluoranthene-d10
 Concen: 0.082 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BE100996.D
 Acq: 27 Dec 2019 16:51

Tgt Ion: 212 Resp: 19787
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.4 2.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

Instrument :

BNA_E

ClientSampleId :

MW-3DL

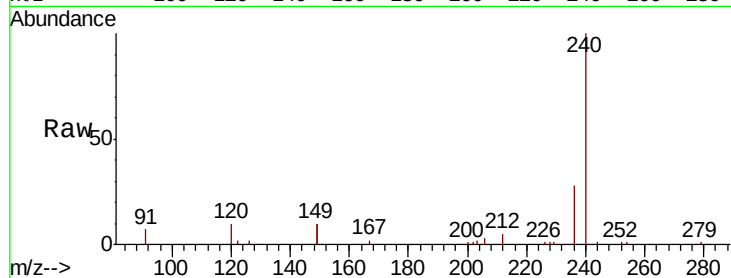
Tot Ion:240 Resp: 18676

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

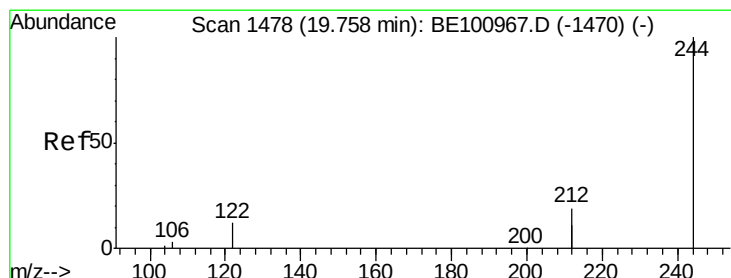
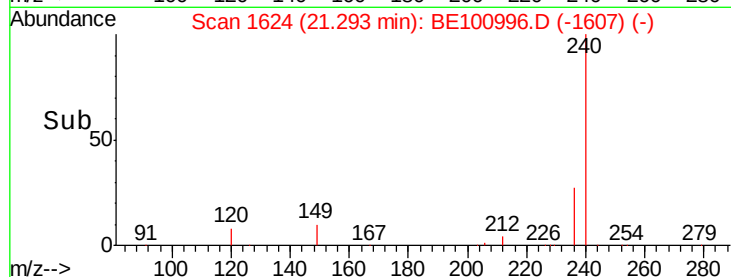
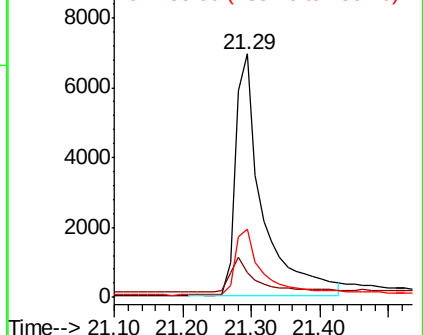
236 28.1 22.6 34.0



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: 0.094 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

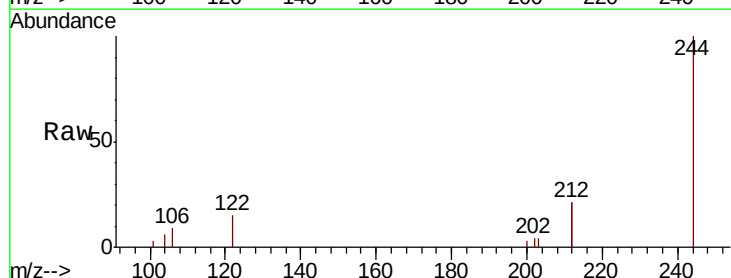
Tgt Ion:244 Resp: 4016

Ion Ratio Lower Upper

244 100

212 42.7 29.3 43.9

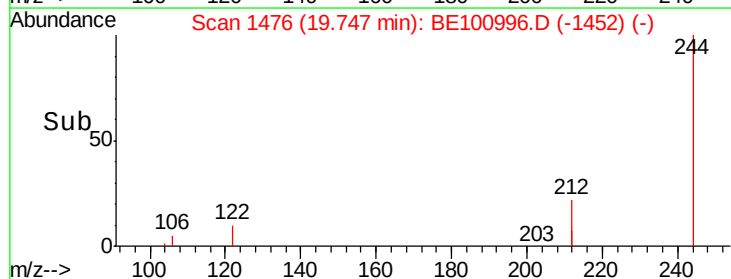
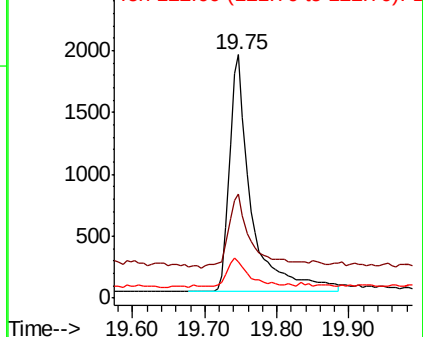
122 15.0 10.2 15.4

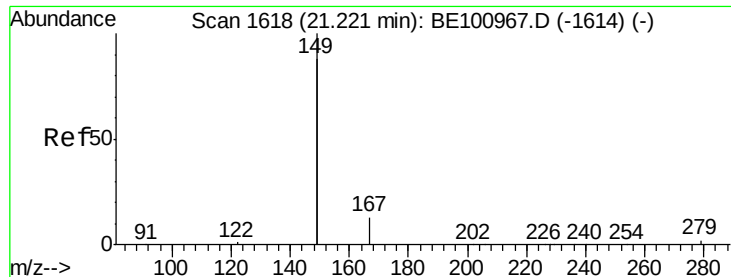


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

Instrument :

BNA_E

ClientSampleId :

MW-3DL

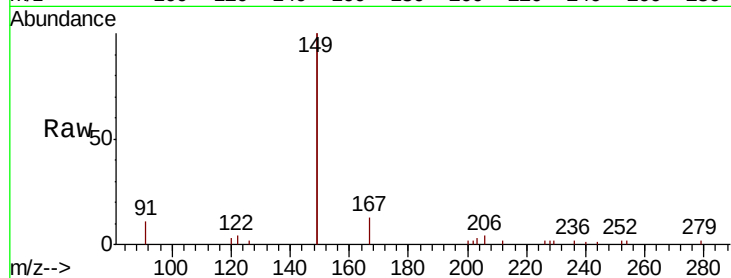
Tot Ion:149 Resp: 8705

Ion Ratio Lower Upper

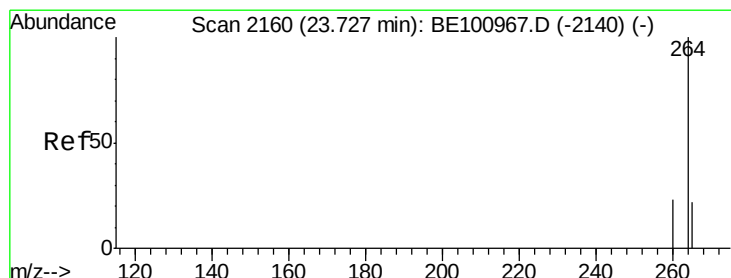
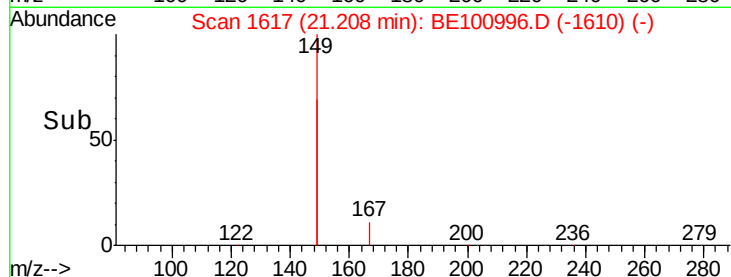
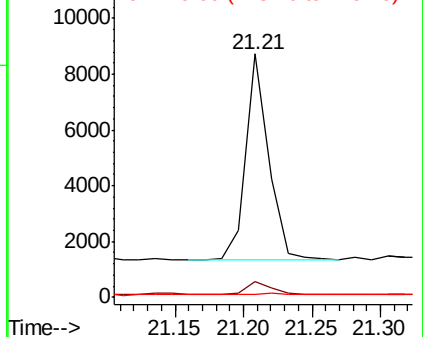
149 100

167 6.5 5.1 7.7

279 1.0 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# 2158

Delta R.T. -0.01 min

Lab File: BE100996.D

Acq: 27 Dec 2019 16:51

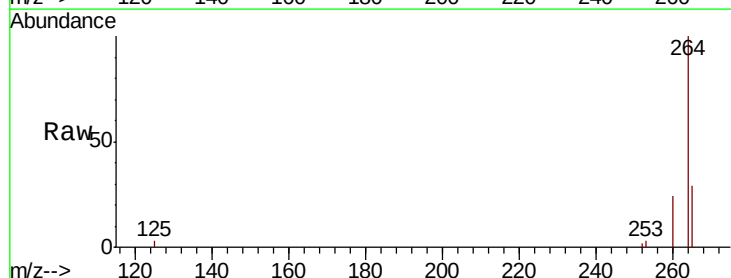
Tgt Ion:264 Resp: 22571

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 29.4 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

