

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100116.D
 Acq On : 20 Jun 2019 20:39
 Operator : JU/SJ
 Sample : K3345-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-5_061119

Quant Time: Jun 21 01:46:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	536	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1924	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1808	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	6142	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10132	0.40	ng	0.00
34) Perylene-d12	23.83	264	11667	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	211	0.19	ng	0.00
5) Phenol-d6	6.91	99	146	0.10	ng	-0.02
8) Nitrobenzene-d5	8.91	82	714	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	1132	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.90	330	424	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3149	0.44	ng	-0.02
25) Fluoranthene-d10	19.19	212	31387	0.36	ng	0.00
29) Terphenyl-d14	19.79	244	9518	0.47	ng	-0.02

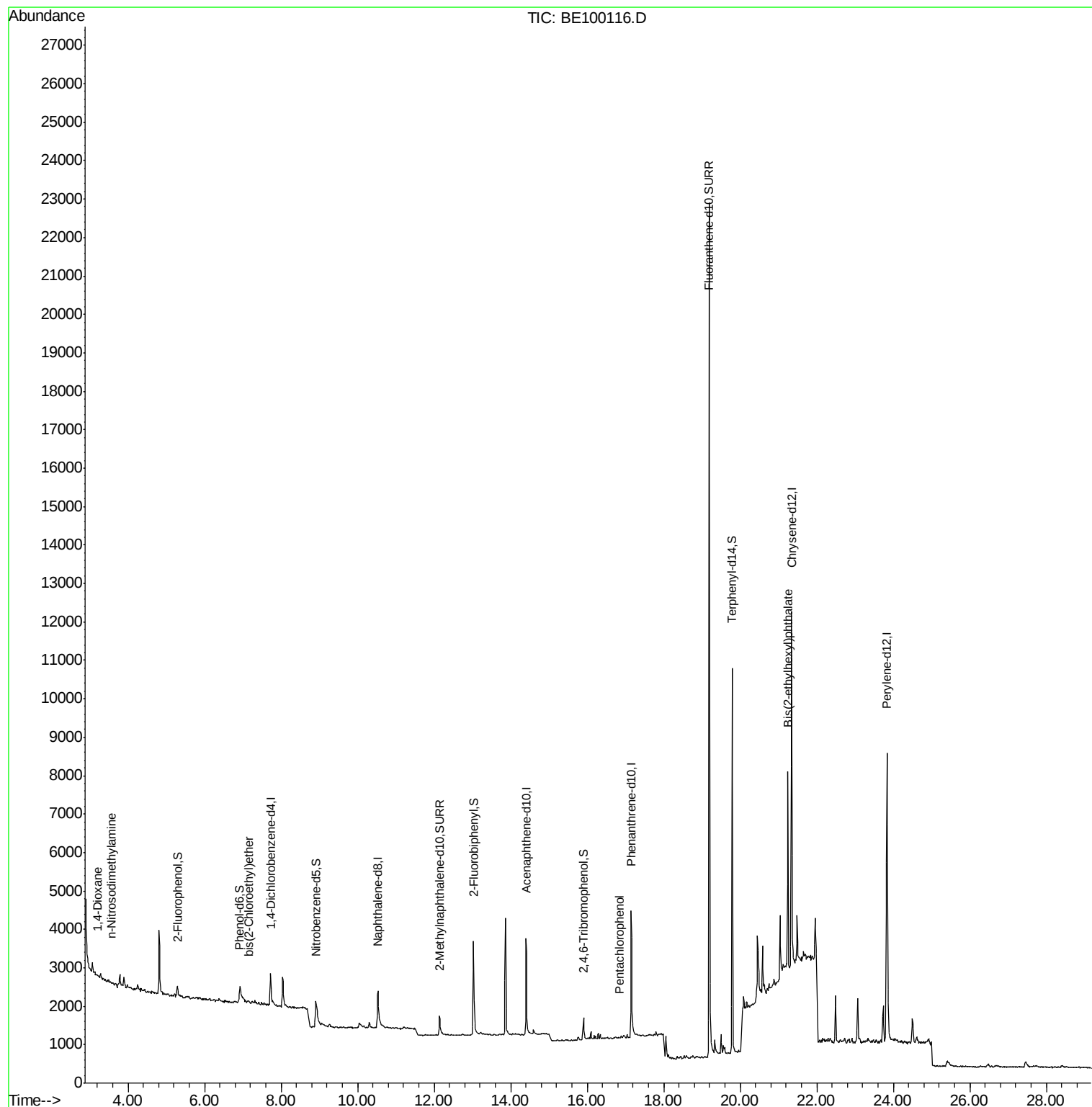
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	77	0.090	ng	# 27
3) n-Nitrosodimethylamine	3.57	42	21	0.379	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	12	0.041	ng	# 51
22) Pentachlorophenol	16.84	266	2	0.244	ng	87
32) Bis(2-ethylhexyl)phthalate	21.25	149	5767	0.203	ng	# 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

BNA_E

ClientSampleId :

C-MW-5_061119

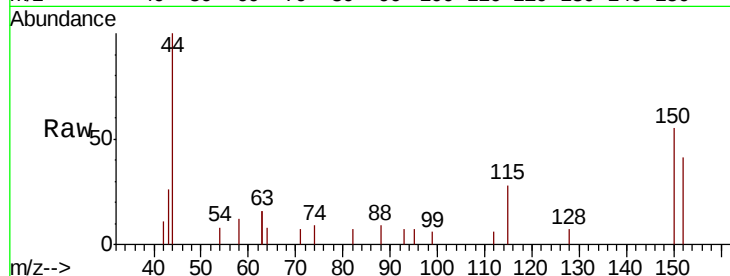
Tgt Ion: 152 Resp: 536

Ion Ratio Lower Upper

152 100

150 135.2 99.8 149.8

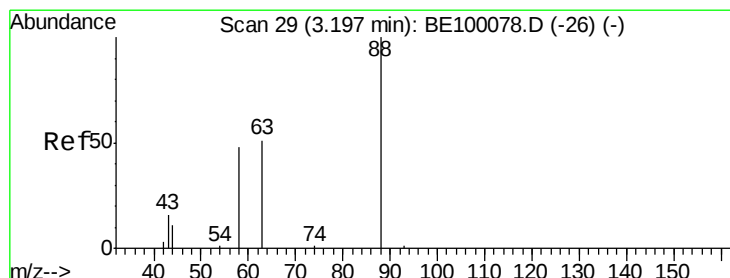
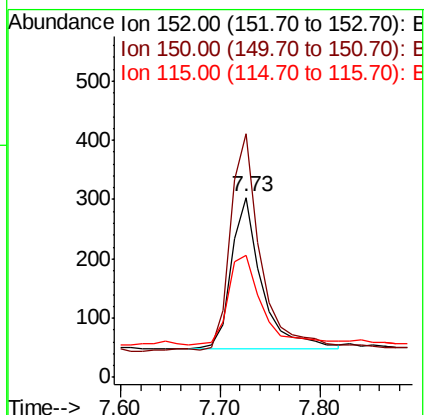
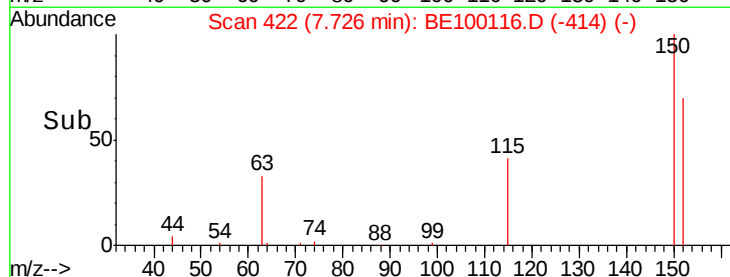
115 67.8 51.3 76.9



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: 0.090 ng

RT: 3.20 min Scan# 29

Delta R.T. 0.00 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

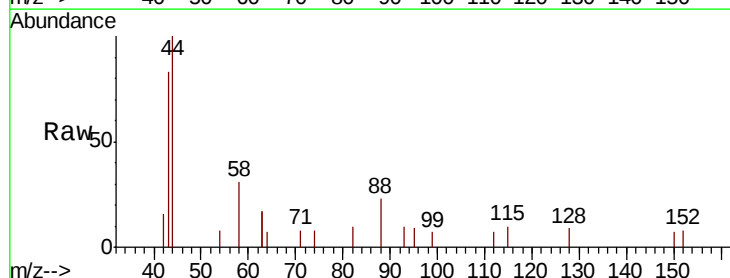
Tgt Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

58 0.0 51.1 76.7#

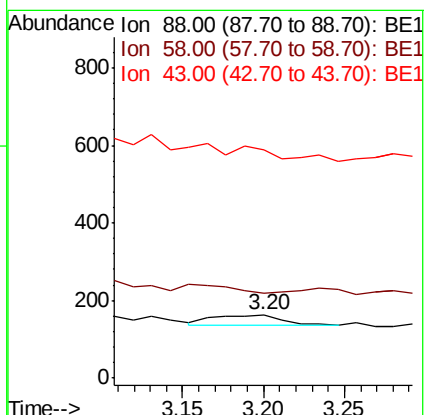
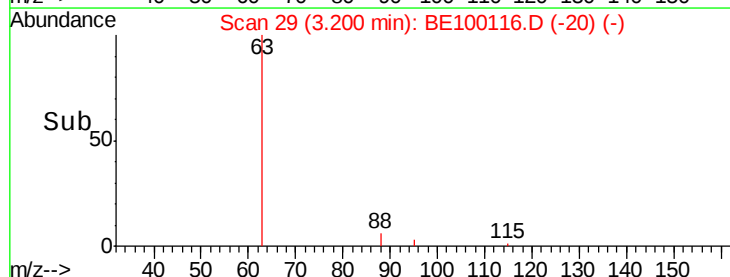
43 0.0 21.7 32.5#



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: 0.379 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

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ClientSampleId :

C-MW-5_061119

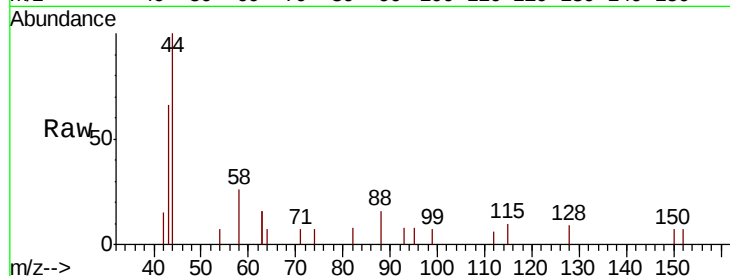
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

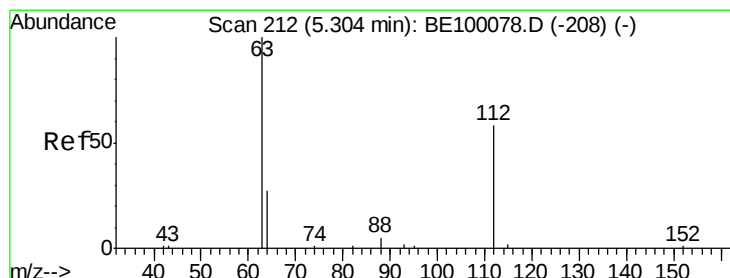
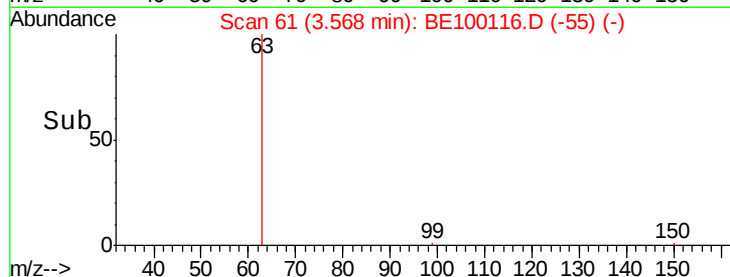
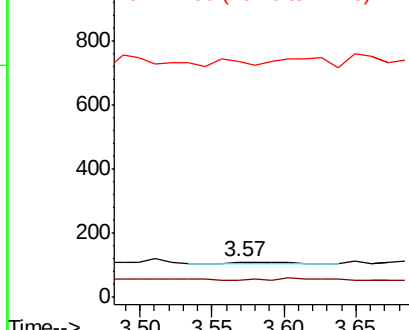
42 100

74 0.0 0.0 0.0

44 142.9 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: 0.190 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

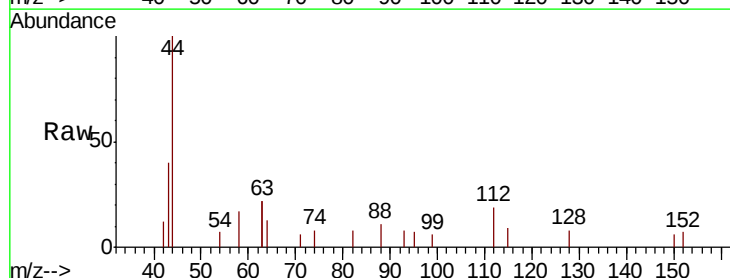
Tgt Ion: 112 Resp: 211

Ion Ratio Lower Upper

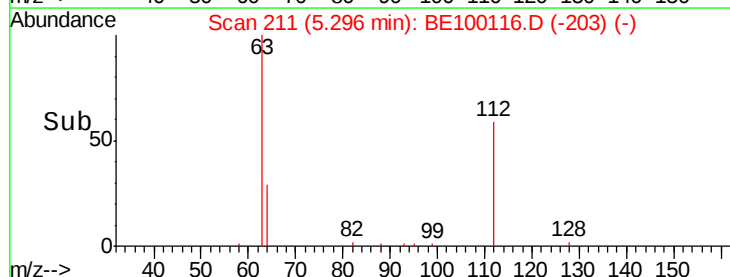
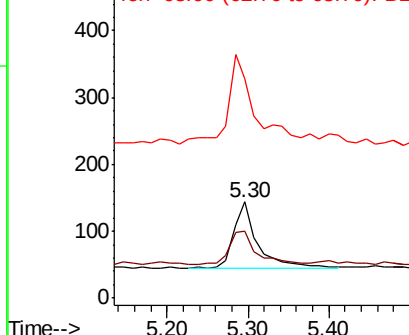
112 100

64 53.6 22.0 33.0#

63 111.8 121.8 182.6#



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: 0.096 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

BNA_E

ClientSampleId :

C-MW-5_061119

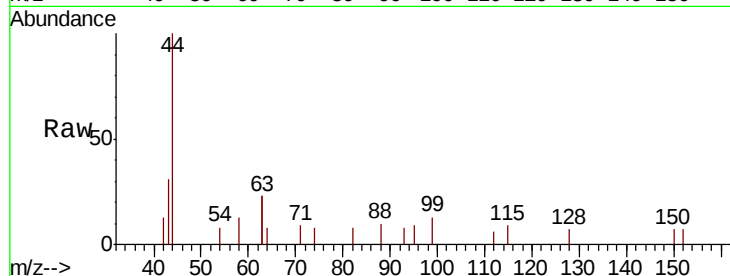
Tgt Ion: 99 Resp: 146

Ion Ratio Lower Upper

99 100

42 46.6 0.0 0.0#

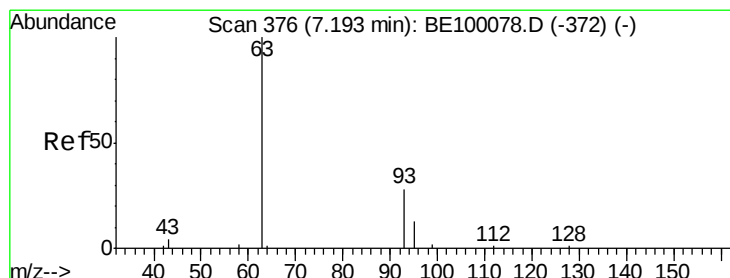
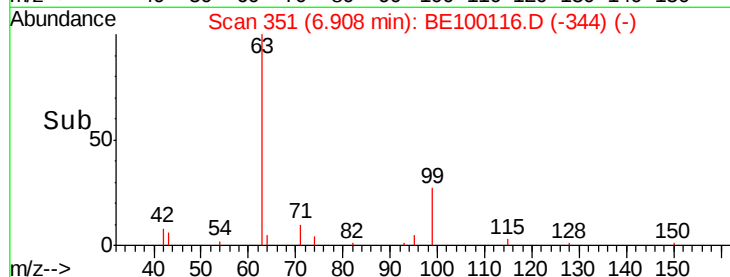
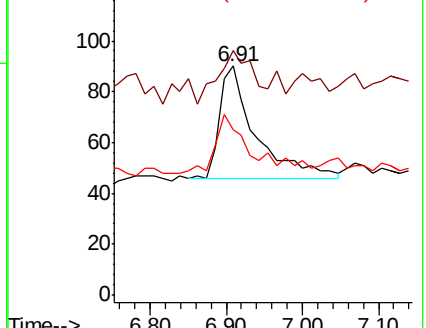
71 52.1 37.6 56.4



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: 0.041 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.03 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

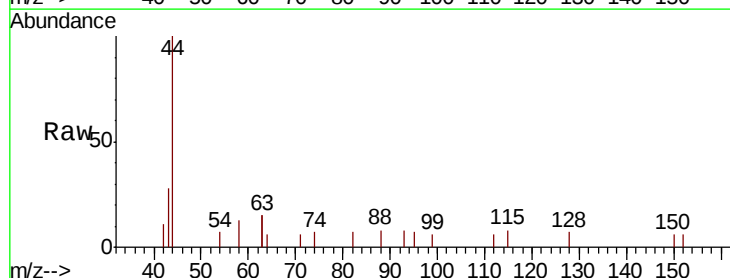
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 333.3 200.0 300.0#

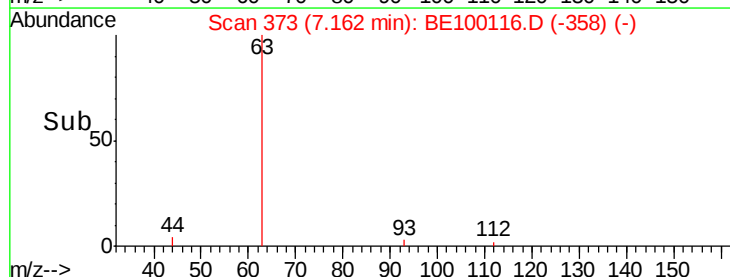
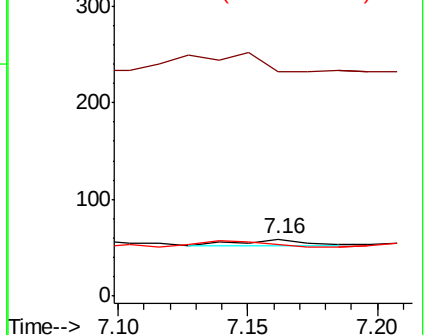
95 0.0 24.0 36.0#



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: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

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ClientSampleId :

C-MW-5_061119

Tgt Ion: 136 Resp: 1924

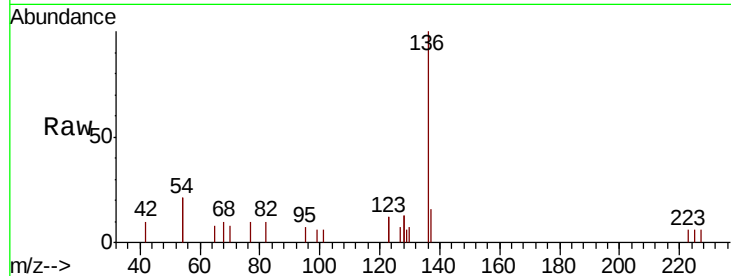
Ion Ratio Lower Upper

136 100

137 16.4 11.6 17.4

54 41.3 33.9 50.9

68 10.3 7.8 11.8

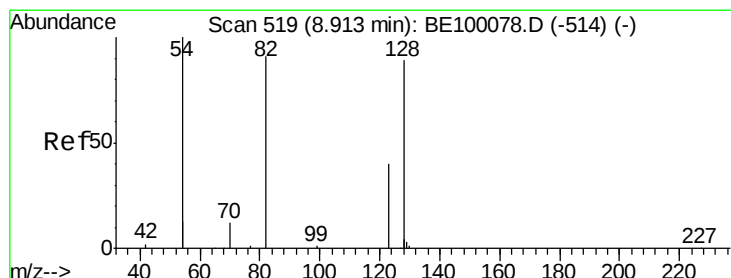
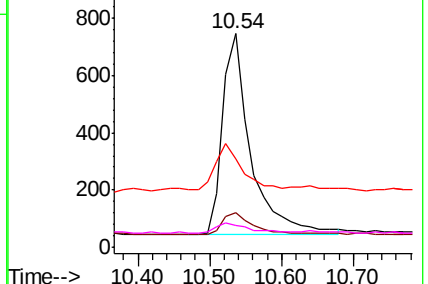
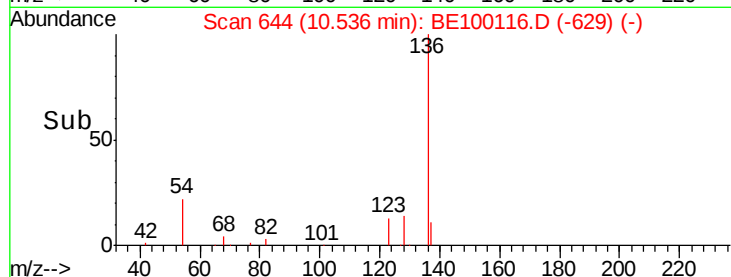


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

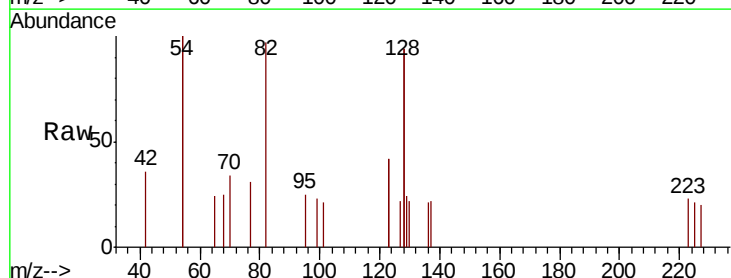
Tgt Ion: 82 Resp: 714

Ion Ratio Lower Upper

82 100

128 192.6 128.0 192.0#

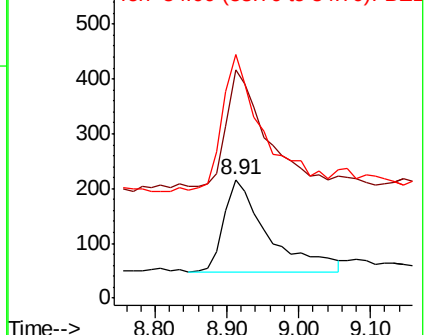
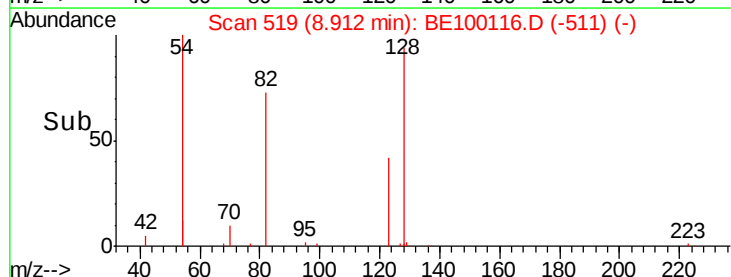
54 205.6 143.4 215.0

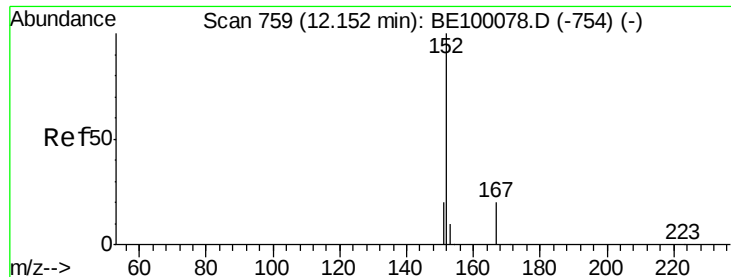


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

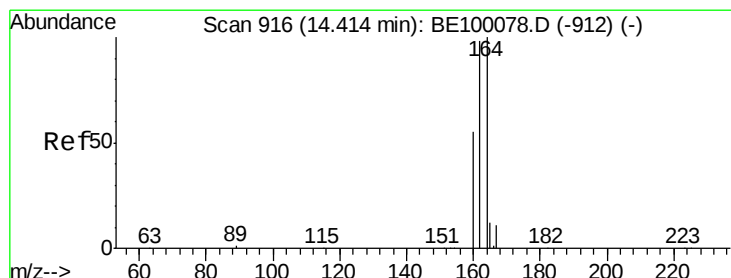
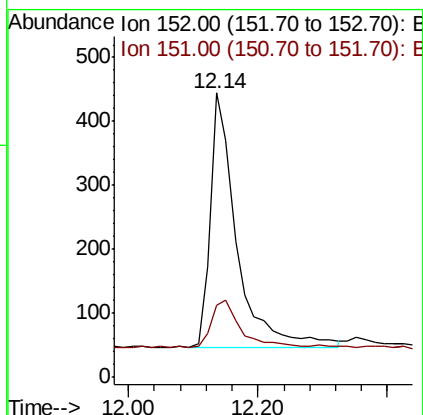
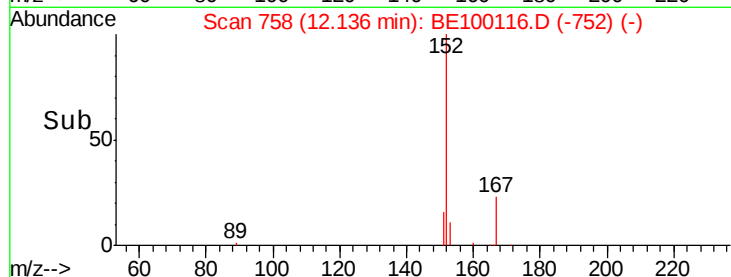
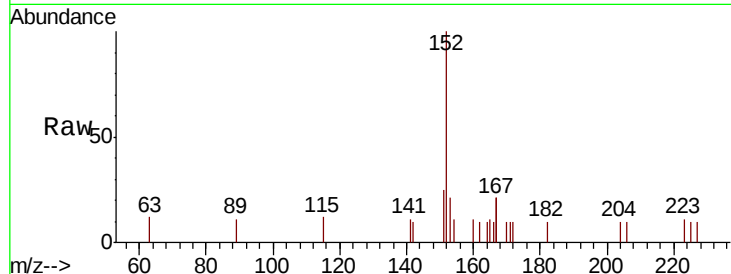




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.02 min
Lab File: BE100116.D
Acq: 20 Jun 2019 20:39

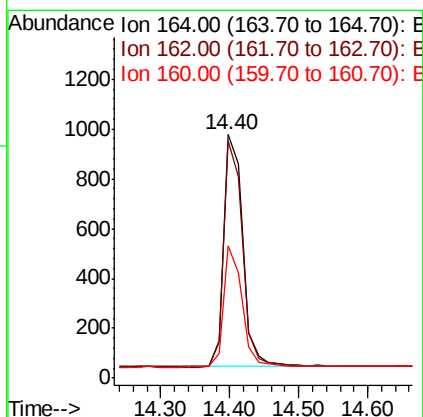
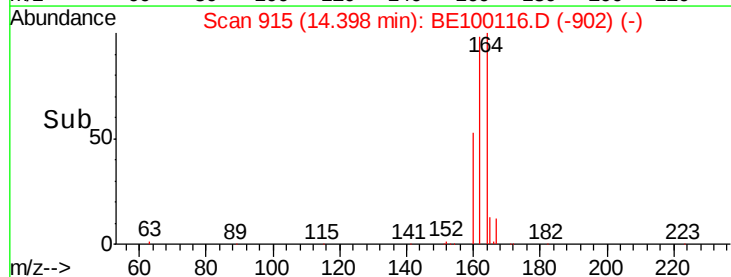
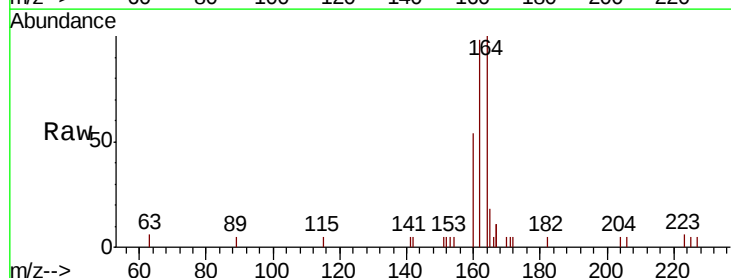
Instrument :
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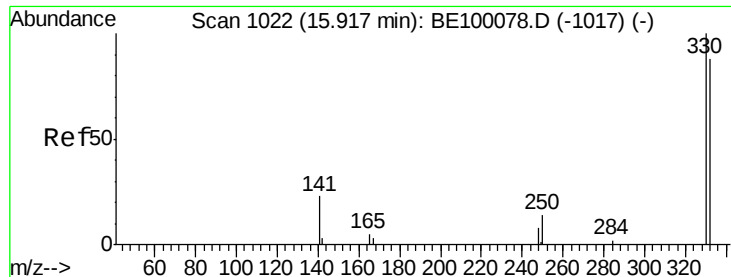
Tgt Ion:152 Resp: 1132
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE100116.D
Acq: 20 Jun 2019 20:39

Tgt Ion:164 Resp: 1808
Ion Ratio Lower Upper
164 100
162 97.5 78.2 117.2
160 54.5 45.6 68.4

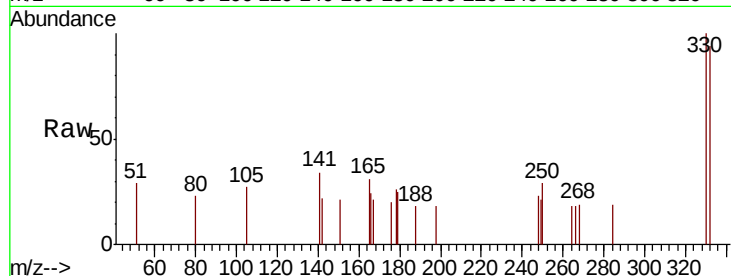




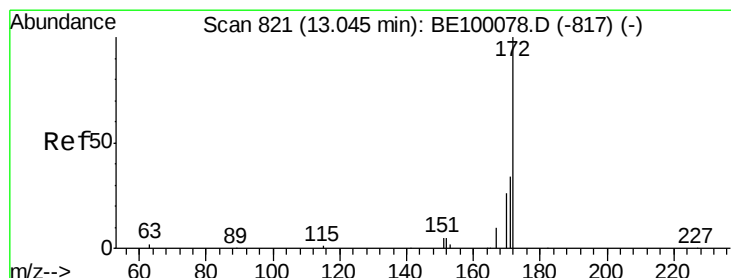
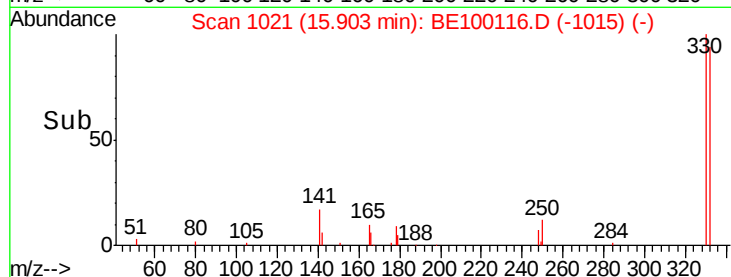
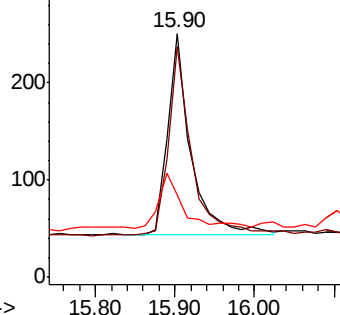
#14
 2,4,6-Tribromophenol
 Concen: 0.425 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100116.D
 Acq: 20 Jun 2019 20:39

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-5_061119

Tgt Ion: 330 Resp: 424
 Ion Ratio Lower Upper
 330 100
 332 95.3 73.3 109.9
 141 26.4 22.2 33.2

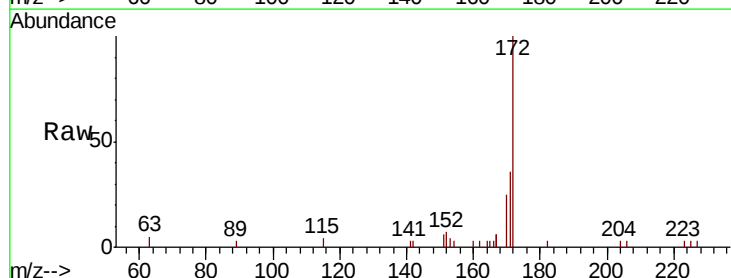


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

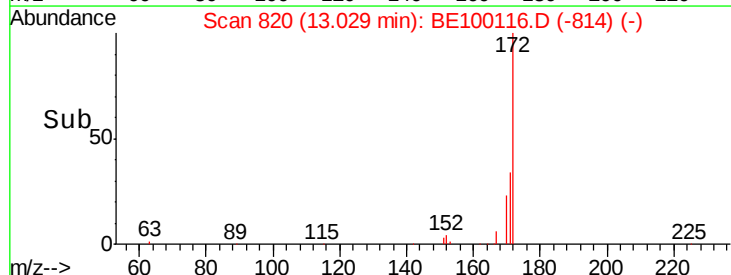
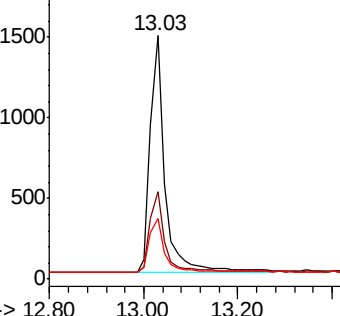


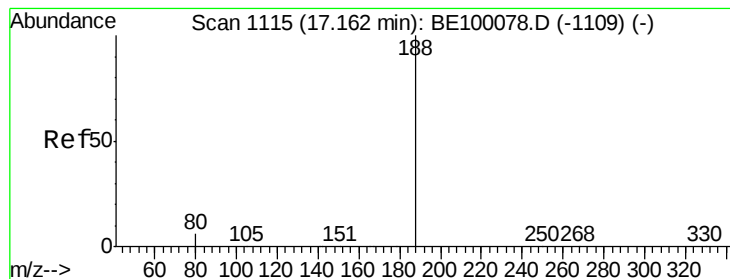
#15
 2-Fluorobiphenyl
 Concen: 0.443 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BE100116.D
 Acq: 20 Jun 2019 20:39

Tgt Ion: 172 Resp: 3149
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.8 44.8
 170 25.0 23.2 34.8



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

BNA_E

ClientSampleId :

C-MW-5_061119

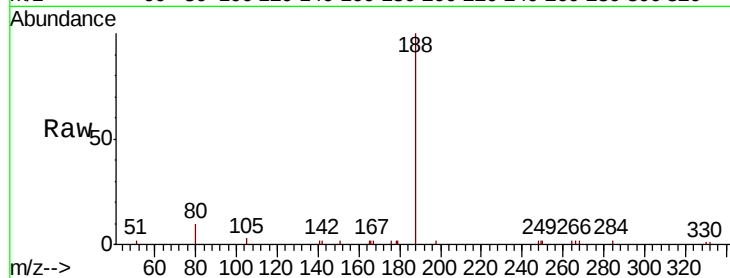
Tgt Ion:188 Resp: 6142

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

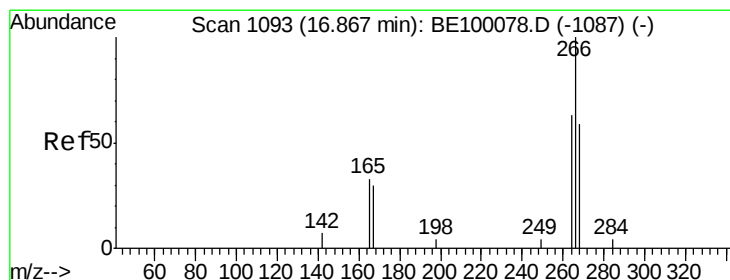
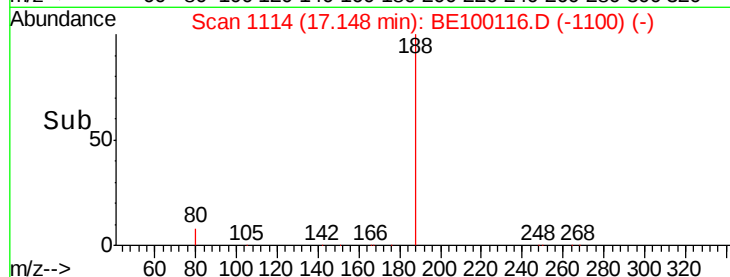
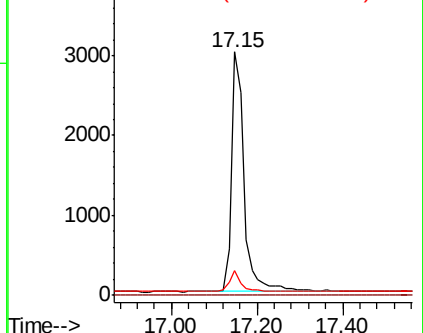
80 10.0 6.3 9.5#



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: 0.244 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

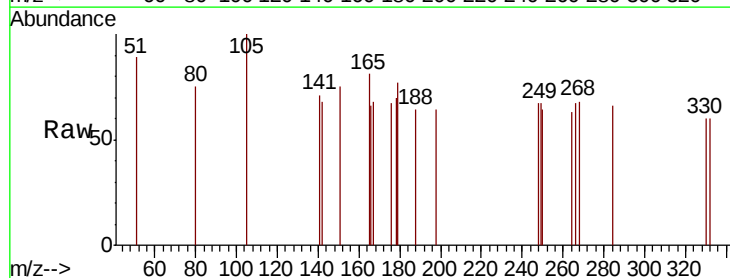
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 93.9 67.8 101.6

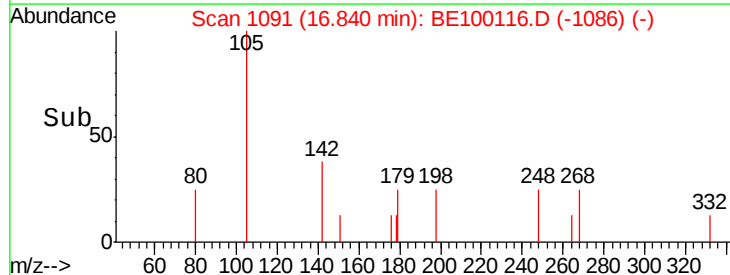
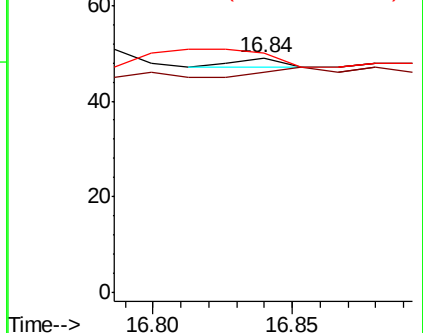
268 102.0 70.0 105.0

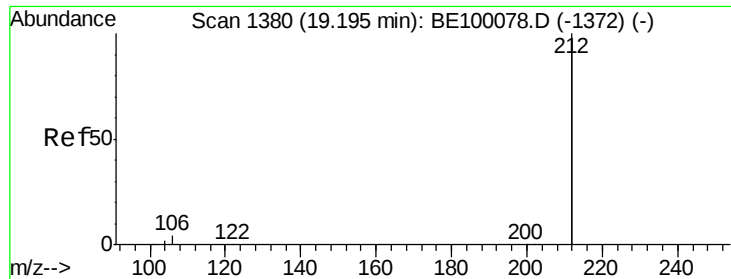


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

BNA_E

ClientSampleId :

C-MW-5 061119

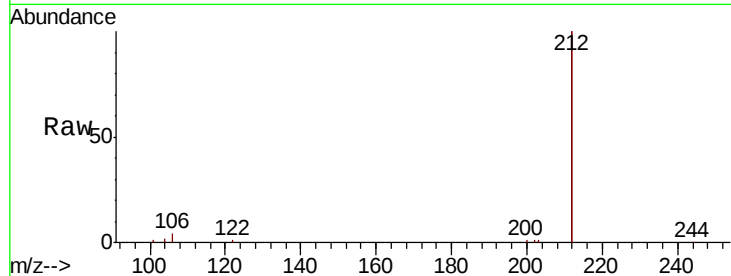
Tgt Ion:212 Resp: 31387

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

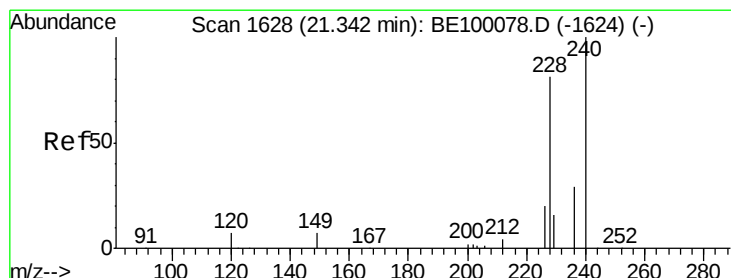
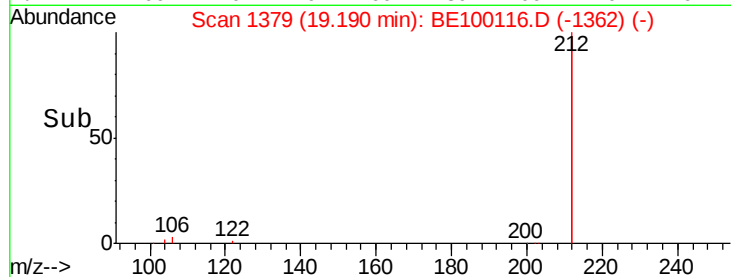
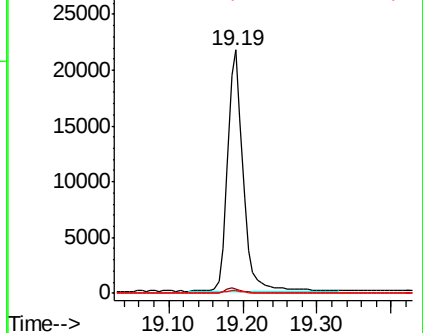
104 1.1 0.8 1.2



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: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

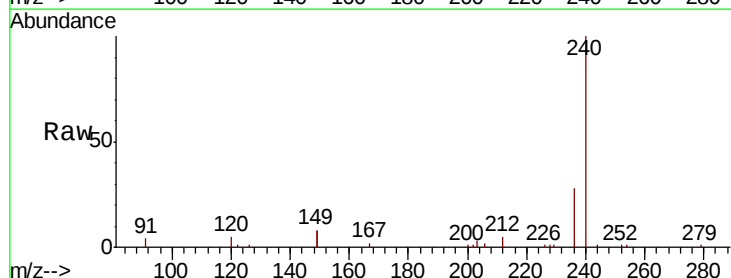
Tgt Ion:240 Resp: 10132

Ion Ratio Lower Upper

240 100

120 5.1 6.6 10.0#

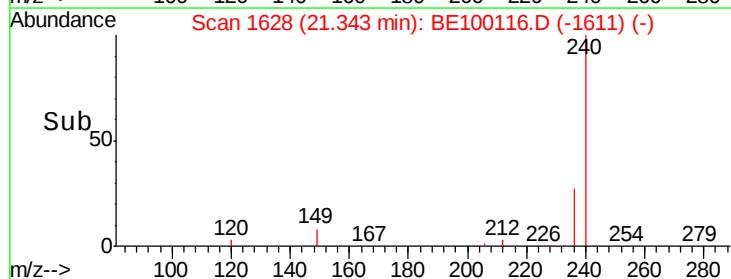
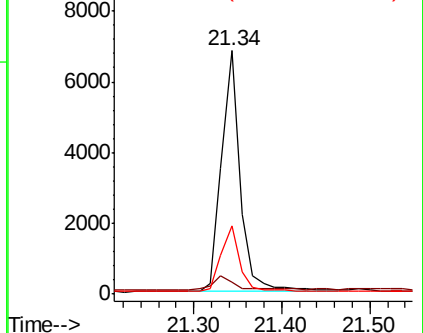
236 27.8 23.8 35.6

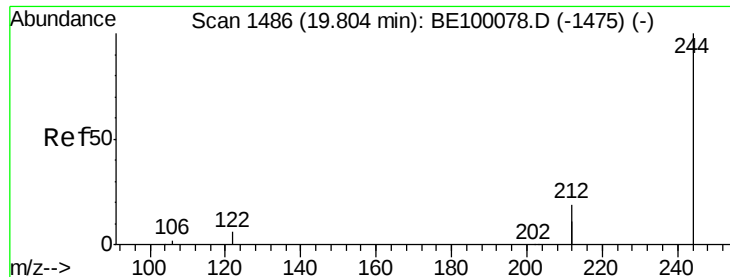


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.470 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

Instrument :

BNA_E

ClientSampleId :

C-MW-5_061119

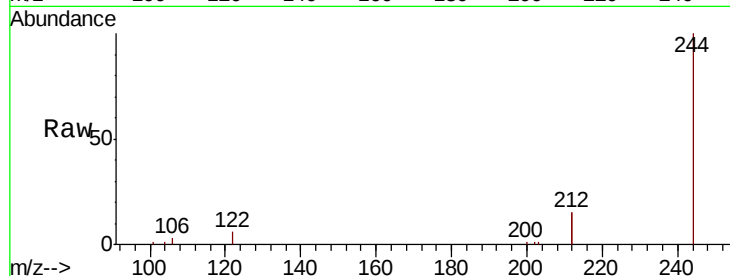
Tgt Ion:244 Resp: 9518

Ion Ratio Lower Upper

244 100

212 31.0 29.8 44.8

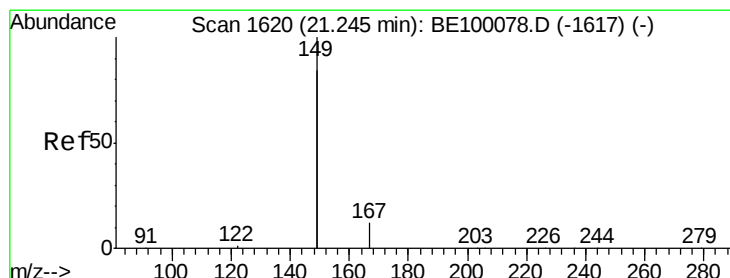
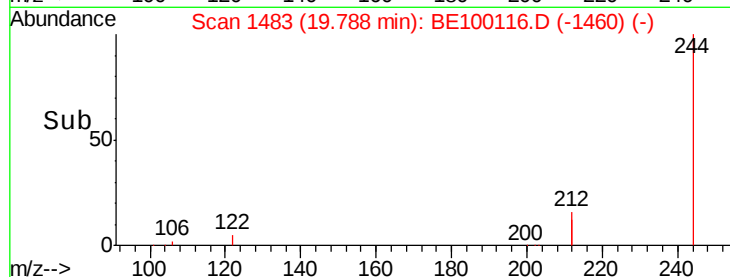
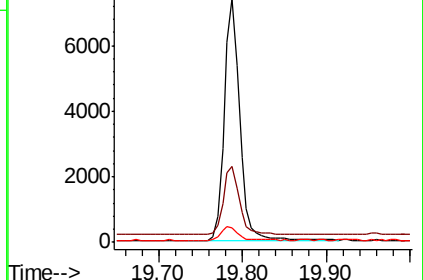
122 6.0 6.1 9.1#



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: 0.203 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100116.D

Acq: 20 Jun 2019 20:39

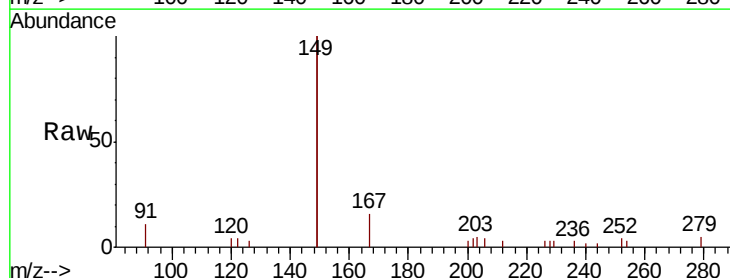
Tgt Ion:149 Resp: 5767

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

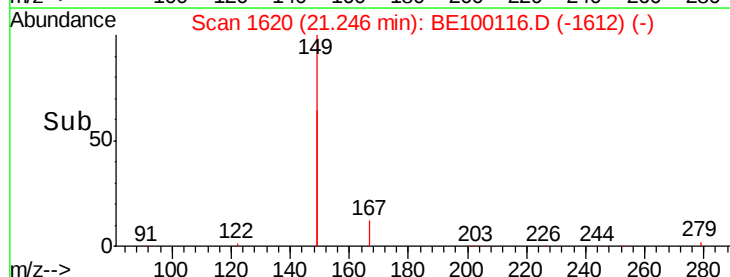
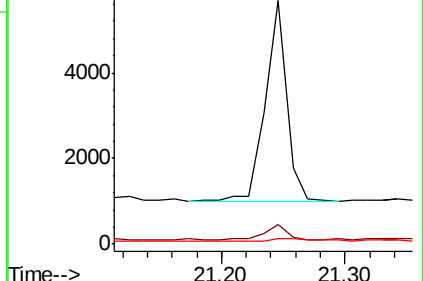
279 1.9 1.1 1.7#

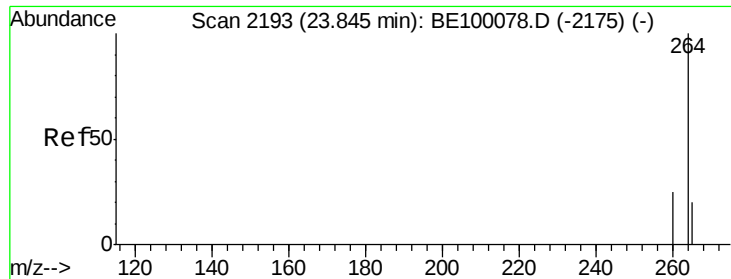


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE100116.D
Acq: 20 Jun 2019 20:39

Instrument :
BNA_E
ClientSampleId :
C-MW-5_061119

Tgt Ion: 264 Resp: 11667

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	29.9	23.2	34.8

