

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100014.D
 Acq On : 14 Jun 2019 9:15
 Operator : JU/SJ
 Sample : PB120491BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120491BL

Quant Time: Jun 15 00:47:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

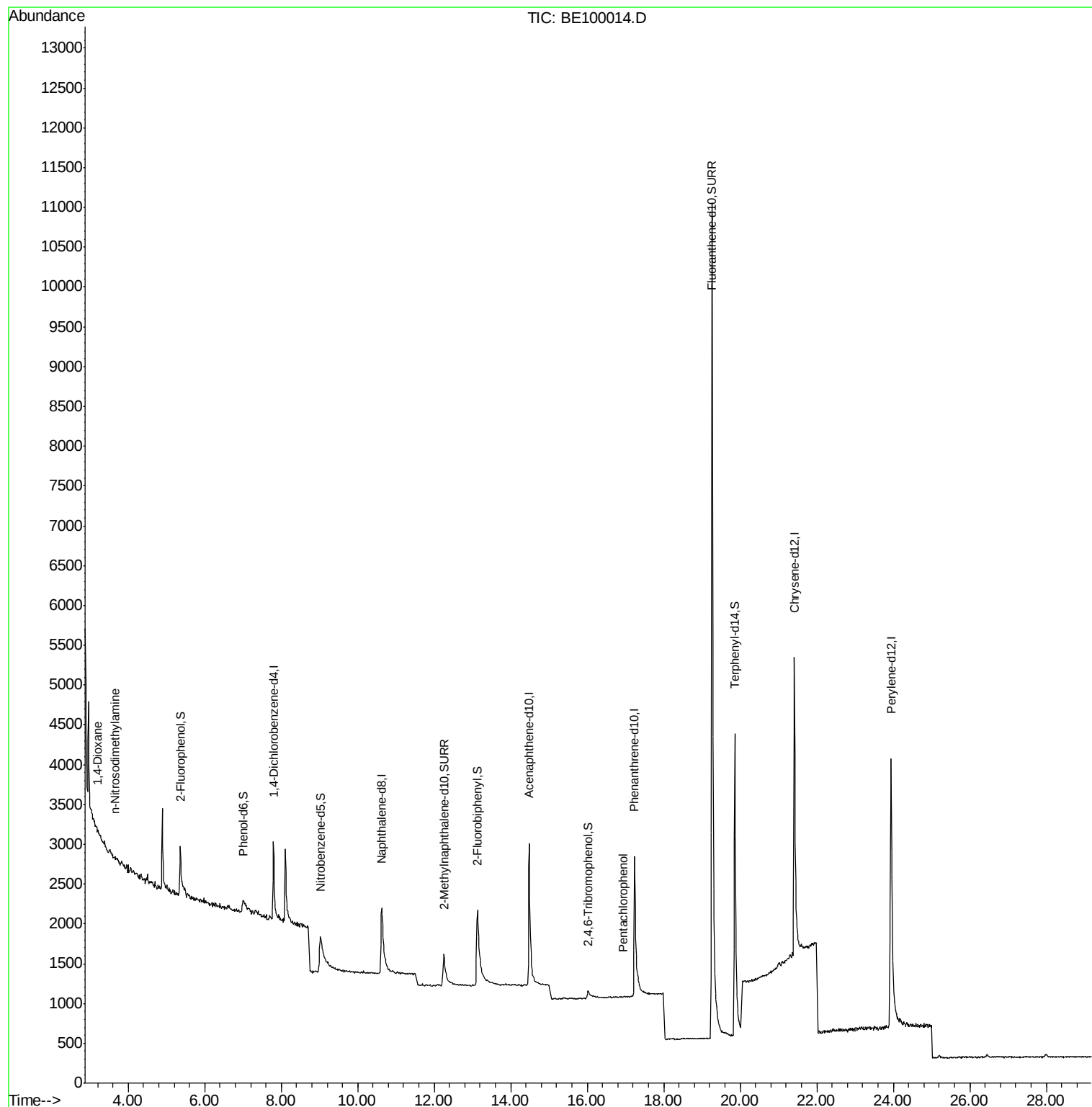
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	803	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2678	0.40	ng	0.03
13) Acenaphthene-d10	14.49	164	2194	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6140	0.40	ng	0.01
27) Chrysene-d12	21.41	240	7428	0.40	ng	0.01
34) Perylene-d12	23.94	264	8273	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	708	0.33	ng	0.00
5) Phenol-d6	7.00	99	765	0.27	ng	0.03
8) Nitrobenzene-d5	9.03	82	676	0.27	ng	0.07
11) 2-Methylnaphthalene-d10	12.25	152	1620	0.35	ng	0.04
14) 2,4,6-Tribromophenol	16.02	330	178	0.11	ng	0.05
15) 2-Fluorobiphenyl	13.13	172	3029	0.36	ng	0.03
25) Fluoranthene-d10	19.26	212	28199	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	7133	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	86	0.072	ng	# 29
3) n-Nitrosodimethylamine	3.65	42	17	0.025	ng	# 100
22) Pentachlorophenol	16.95	266	13	0.307	ng	# 82

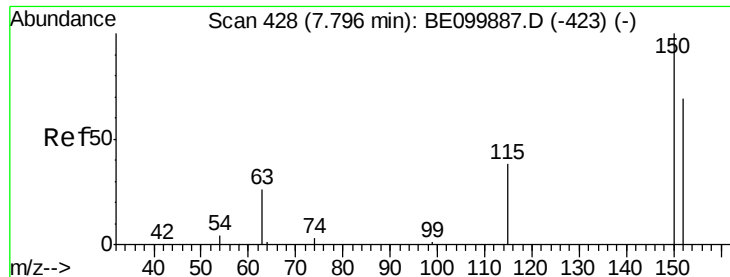
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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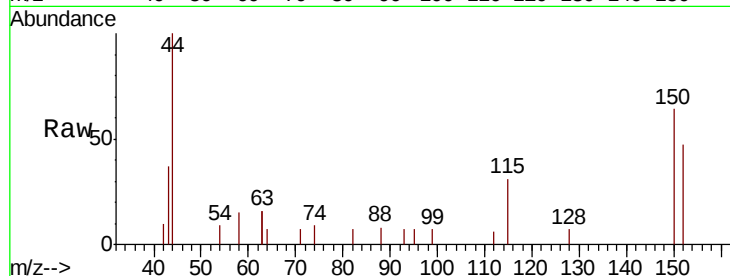


#1

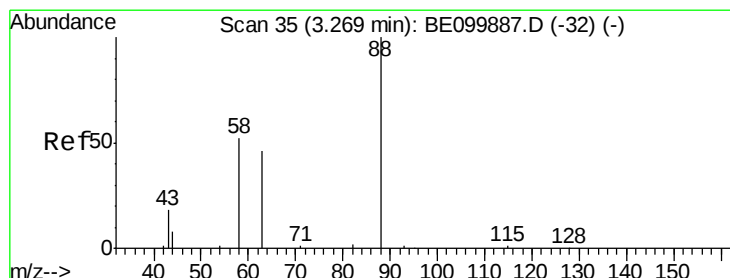
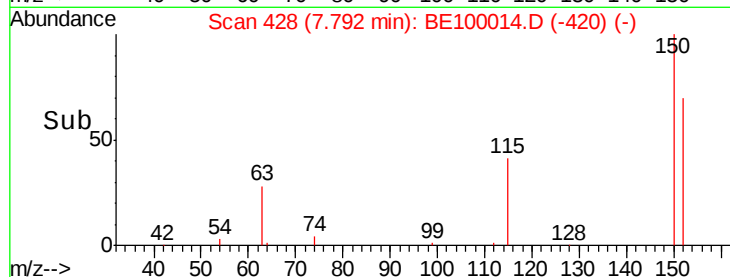
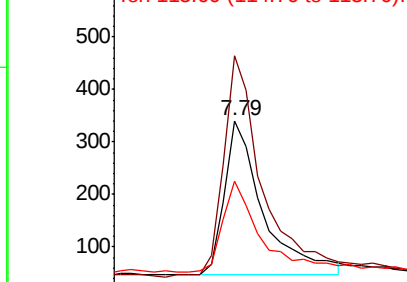
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion: 152 Resp: 803
Ion Ratio Lower Upper
152 100
150 136.5 111.0 166.6
115 66.5 50.7 76.1



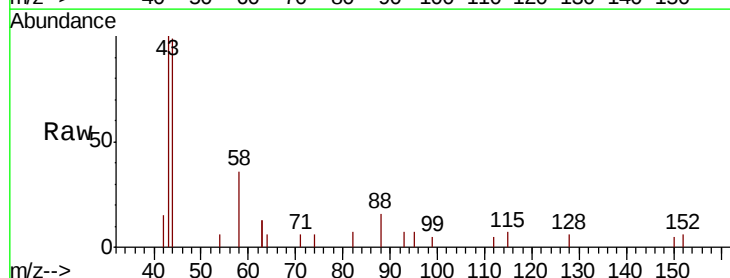
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



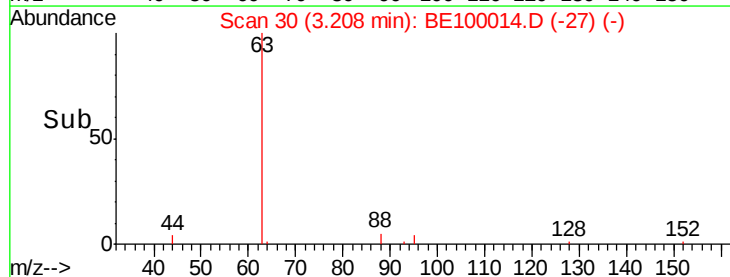
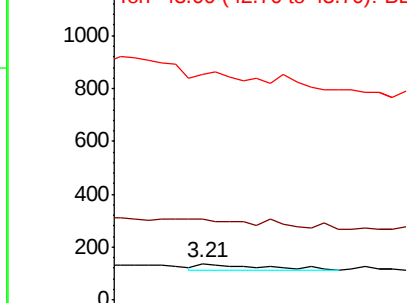
#2

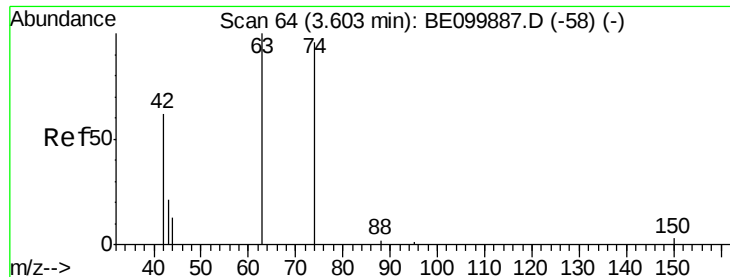
1,4-Dioxane
Concen: 0.072 ng
RT: 3.21 min Scan# 30
Delta R.T. -0.06 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 0.0 48.8 73.2#
43 0.0 19.0 28.6#



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: 0.025 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.04 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Instrument :

BNA_E

ClientSampleId :

PB120491BL

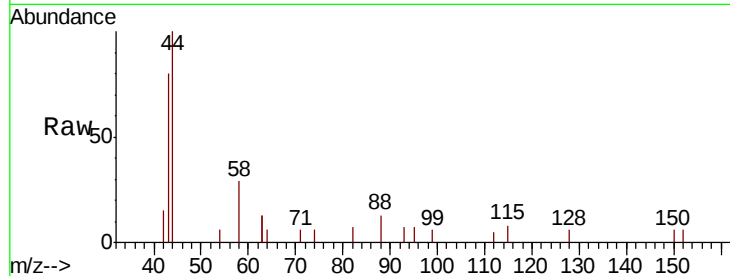
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

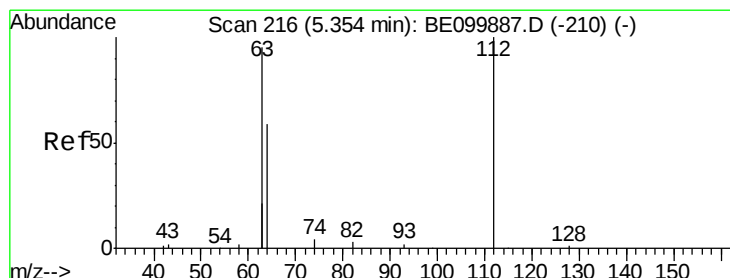
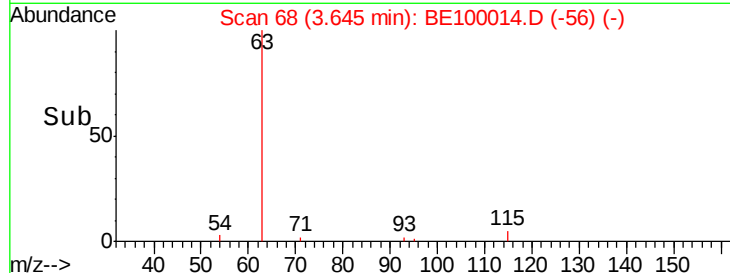
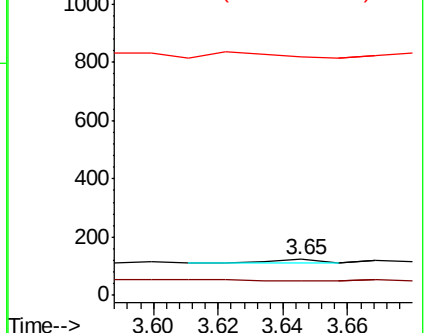
42 100

74 0.0 0.0 0.0

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: 0.327 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

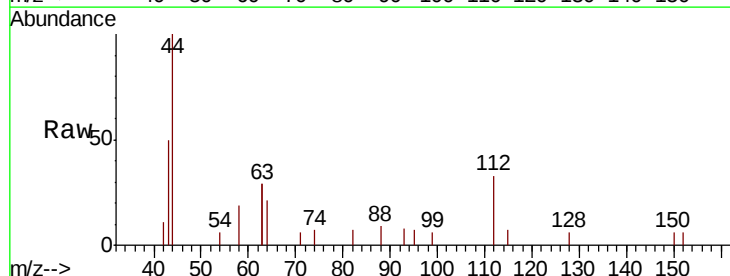
Tgt Ion: 112 Resp: 708

Ion Ratio Lower Upper

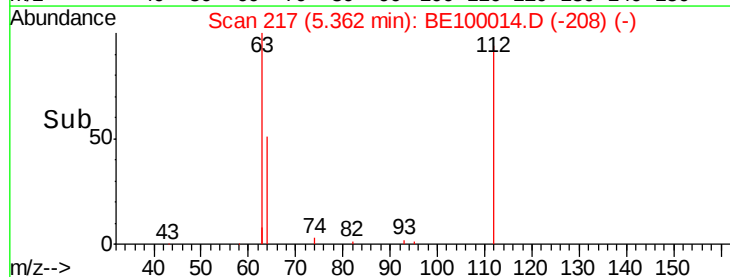
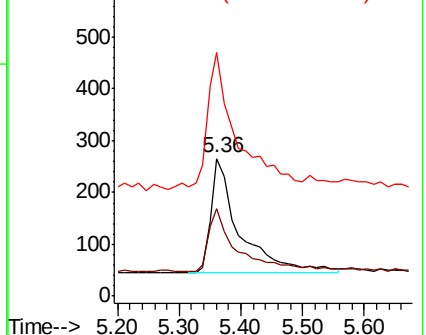
112 100

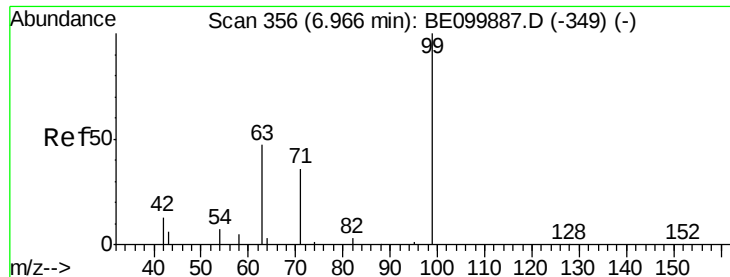
64 55.1 44.1 66.1

63 126.3 87.8 131.6



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: 0.274 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Instrument :

BNA_E

ClientSampleId :

PB120491BL

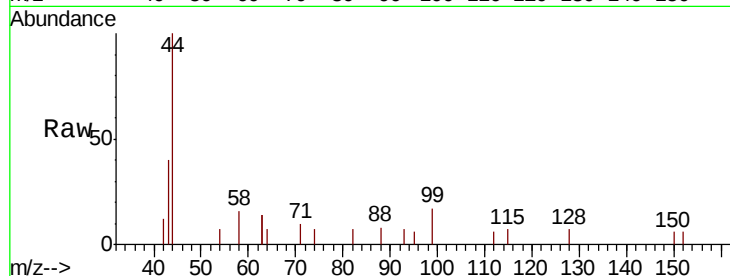
Tgt Ion: 99 Resp: 765

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

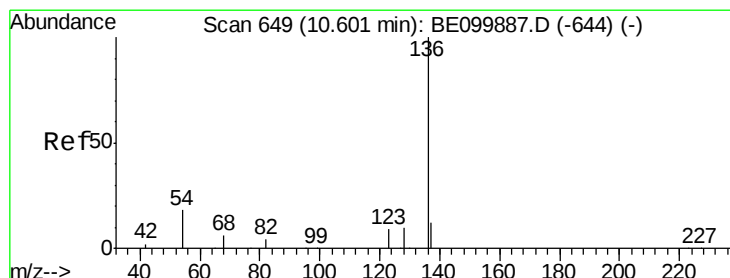
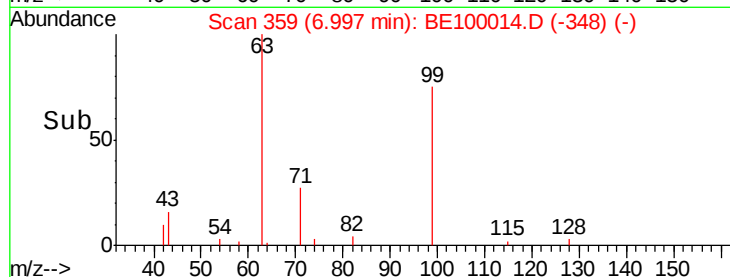
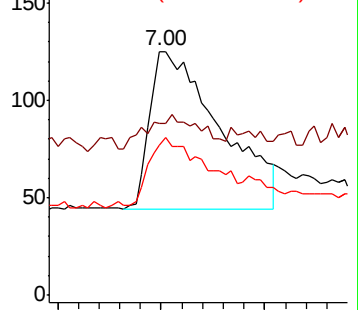
71 0.0 34.6 52.0#



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: 10.63 min Scan# 652

Delta R.T. 0.03 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Tgt Ion: 136 Resp: 2678

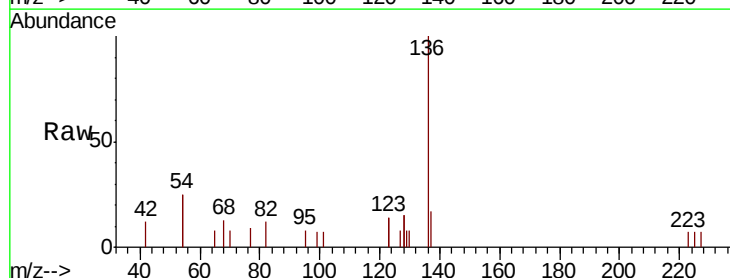
Ion Ratio Lower Upper

136 100

137 16.7 12.3 18.5

54 50.2 28.2 42.4#

68 13.0 7.8 11.8#

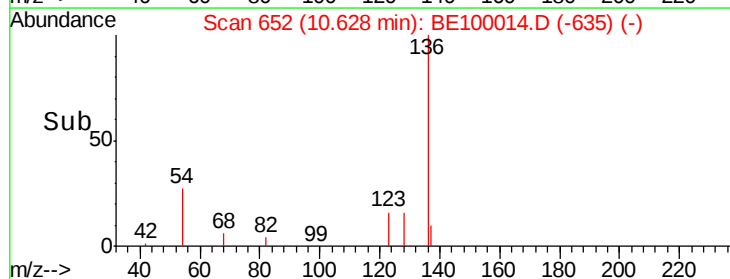
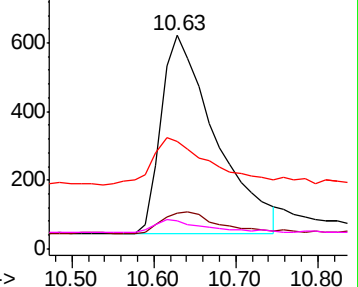


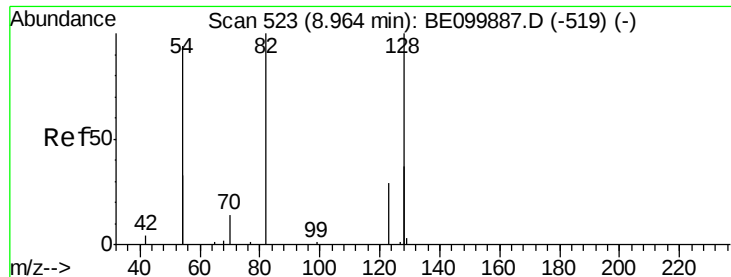
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.267 ng

RT: 9.03 min Scan# 529

Delta R.T. 0.07 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Instrument :

BNA_E

ClientSampleId :

PB120491BL

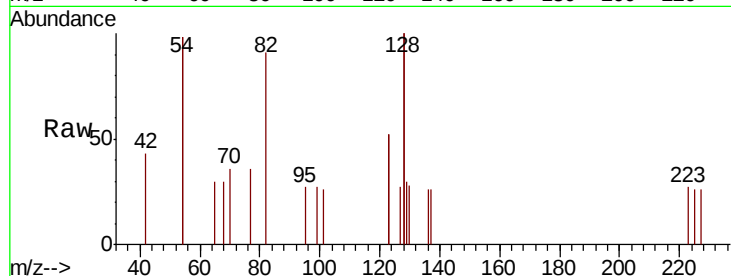
Tgt Ion: 82 Resp: 676

Ion Ratio Lower Upper

82 100

128 218.9 137.3 205.9#

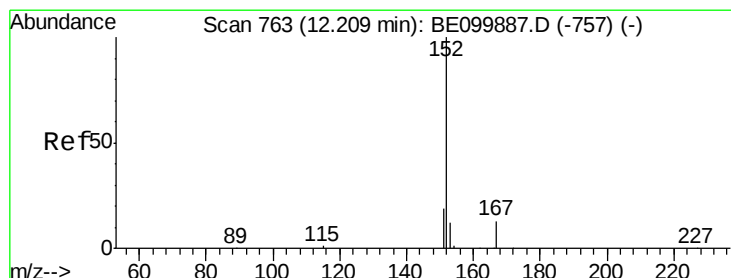
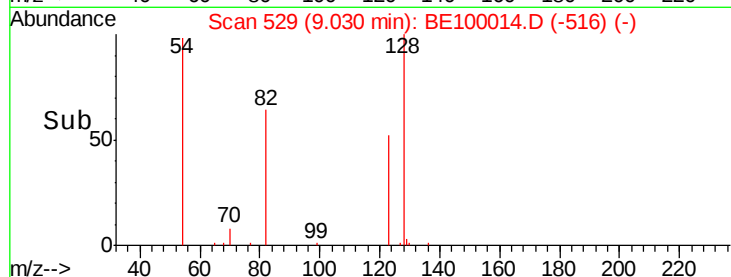
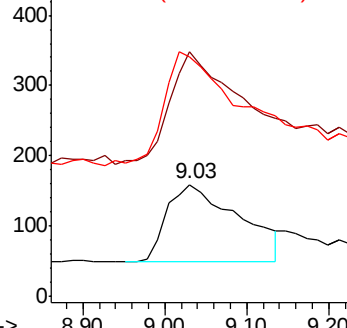
54 213.8 129.7 194.5#



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: 0.347 ng

RT: 12.25 min Scan# 767

Delta R.T. 0.04 min

Lab File: BE100014.D

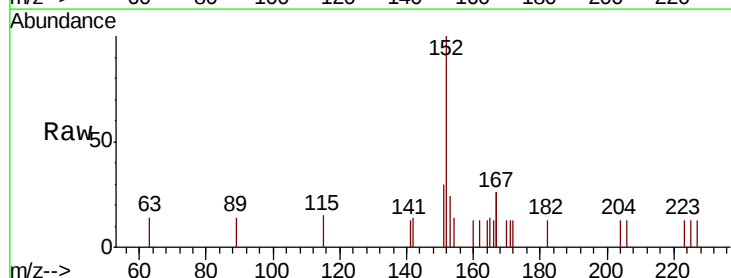
Acq: 14 Jun 2019 9:15

Tgt Ion: 152 Resp: 1620

Ion Ratio Lower Upper

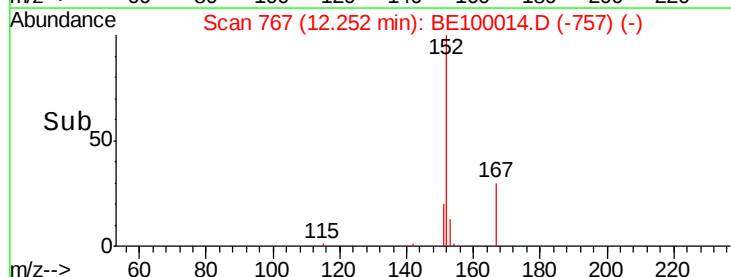
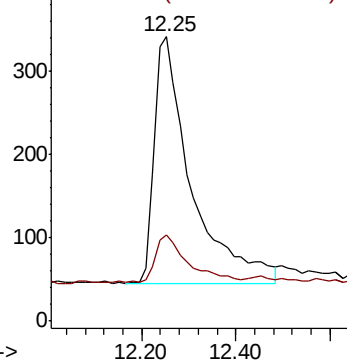
152 100

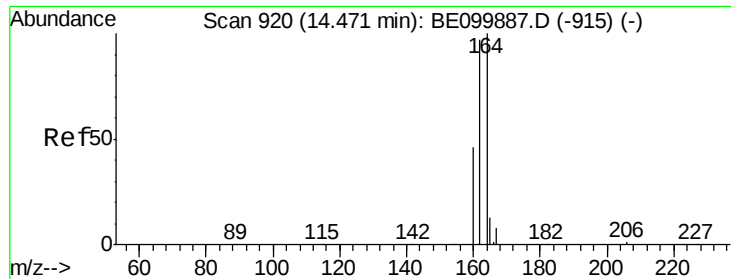
151 17.4 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

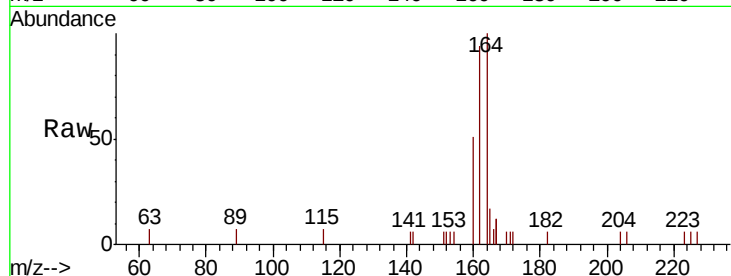




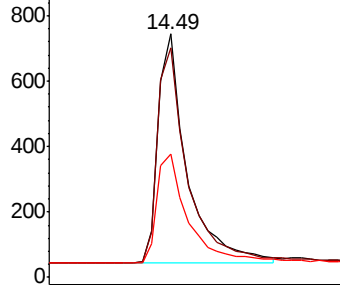
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BE100014.D
 Acq: 14 Jun 2019 9:15

Instrument :
 BNA_E
 ClientSampleId :
 PB120491BL

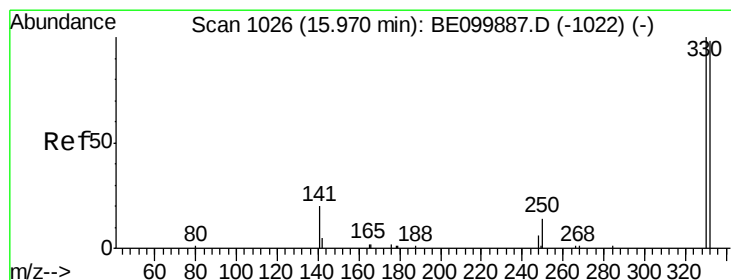
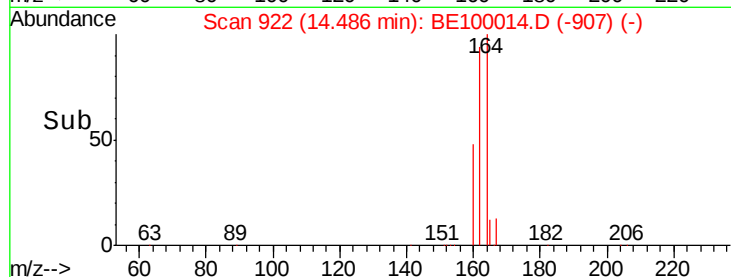
Tgt Ion:164 Resp: 2194
 Ion Ratio Lower Upper
 164 100
 162 94.4 77.8 116.8
 160 50.8 38.2 57.4



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

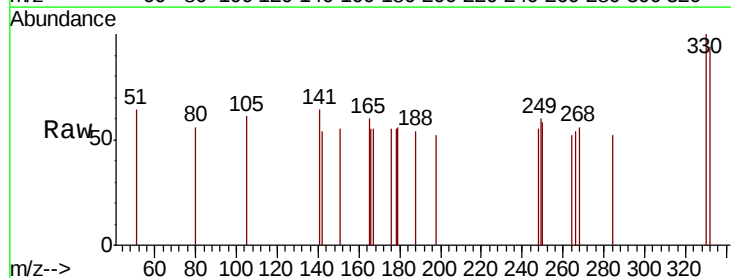


Time-->

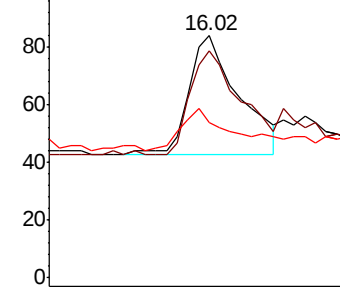


#14
 2,4,6-Tribromophenol
 Concen: 0.110 ng
 RT: 16.02 min Scan# 1031
 Delta R.T. 0.05 min
 Lab File: BE100014.D
 Acq: 14 Jun 2019 9:15

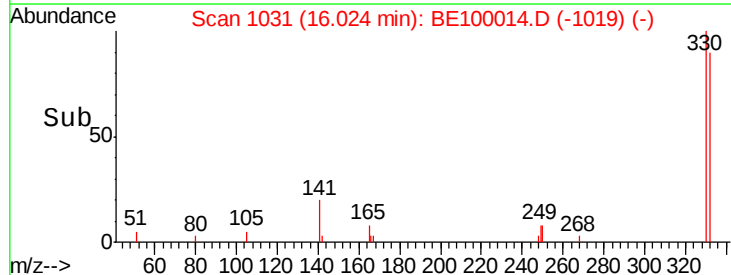
Tgt Ion:330 Resp: 178
 Ion Ratio Lower Upper
 330 100
 332 89.9 76.7 115.1
 141 39.3 21.0 31.6#

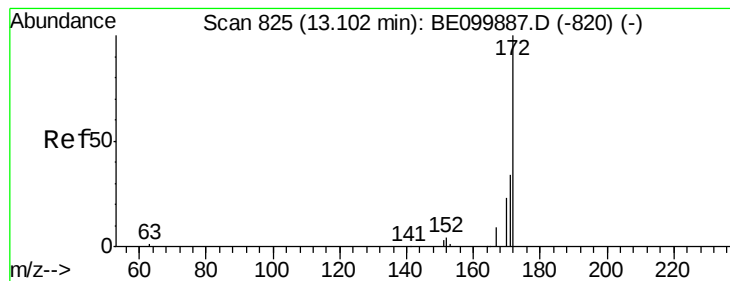


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

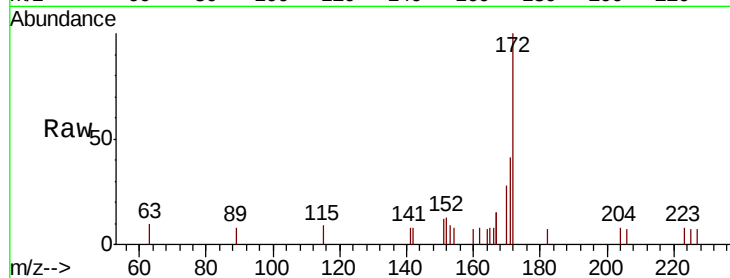




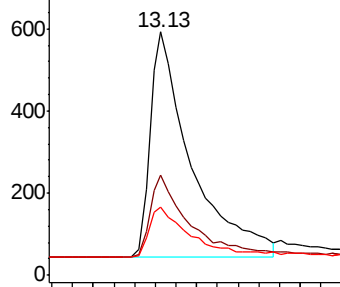
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.13 min Scan# 828
Delta R.T. 0.03 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

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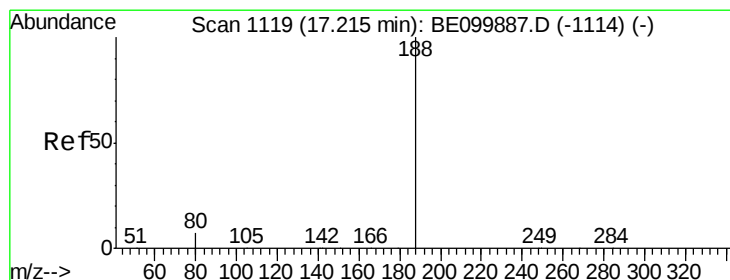
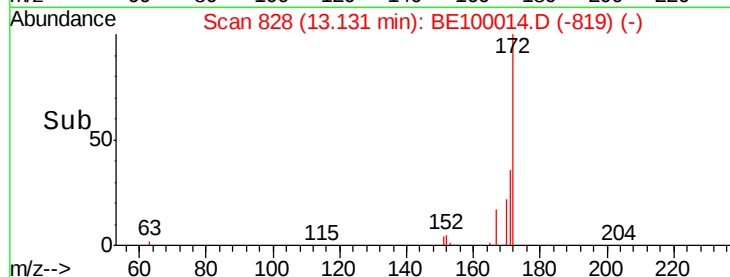
Tgt Ion:172 Resp: 3029
Ion Ratio Lower Upper
172 100
171 41.1 29.2 43.8
170 28.2 21.2 31.8



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

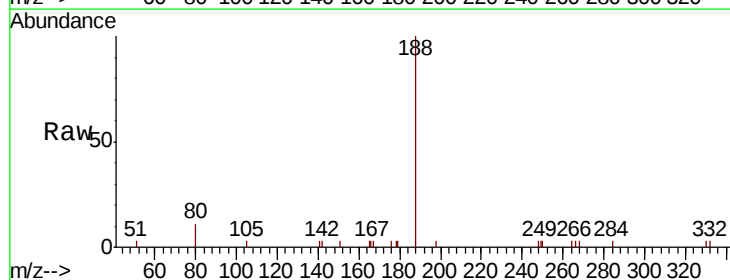


Time-->

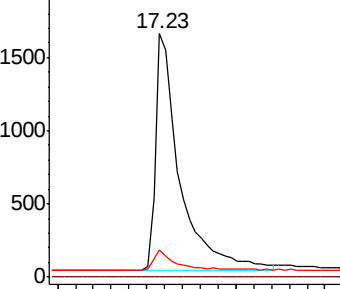


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE100014.D
Acq: 14 Jun 2019 9:15

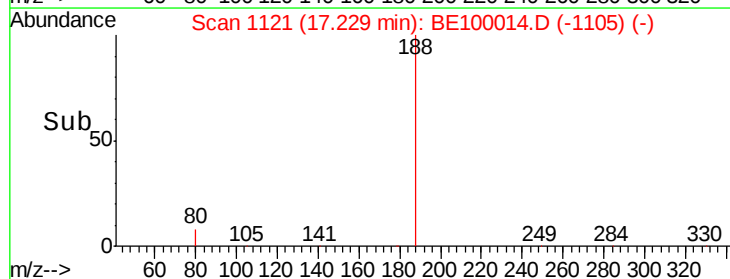
Tgt Ion:188 Resp: 6140
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.4 9.6#

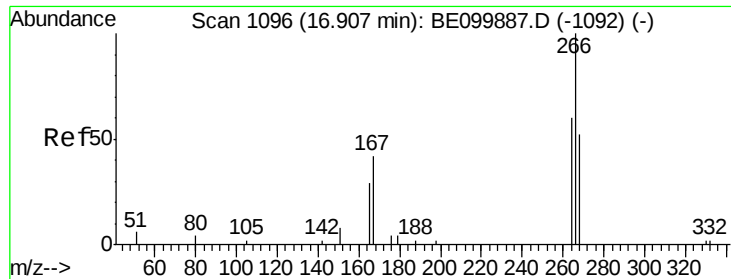


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1



Time-->





#22

Pentachlorophenol

Concen: 0.307 ng

RT: 16.95 min Scan# 1100

Delta R.T. 0.04 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Instrument :

BNA_E

ClientSampleId :

PB120491BL

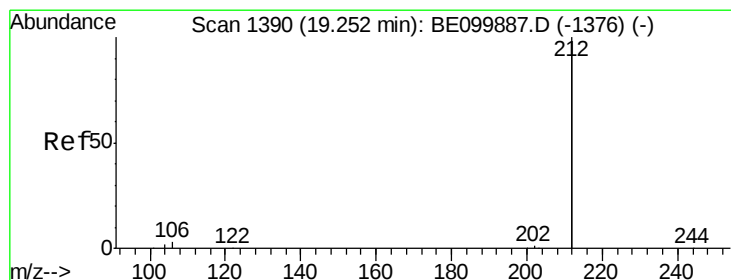
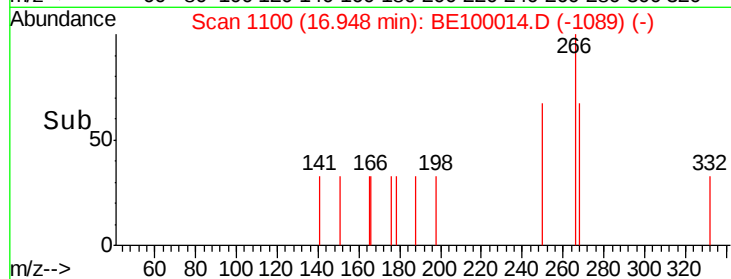
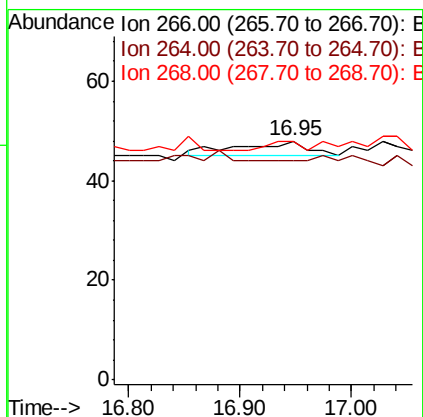
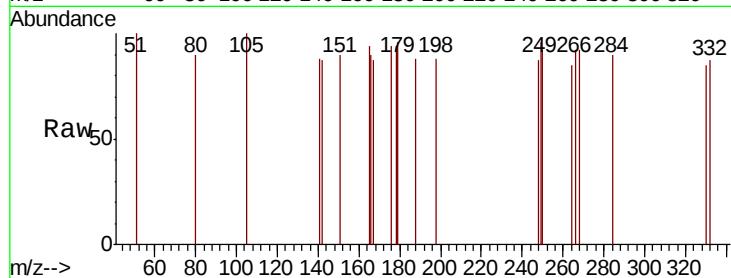
Tgt Ion: 266 Resp: 13

Ion Ratio Lower Upper

266 100

264 91.7 62.2 93.2

268 100.0 65.5 98.3#



#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

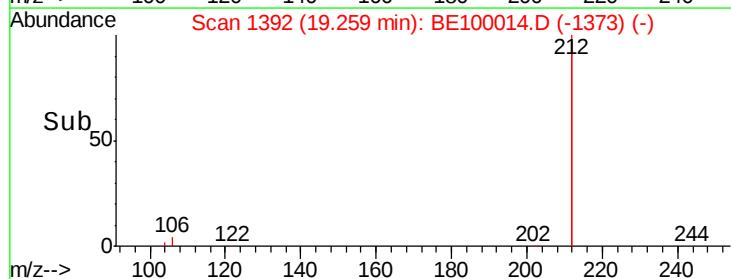
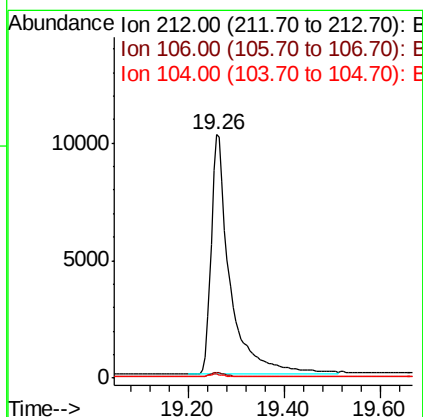
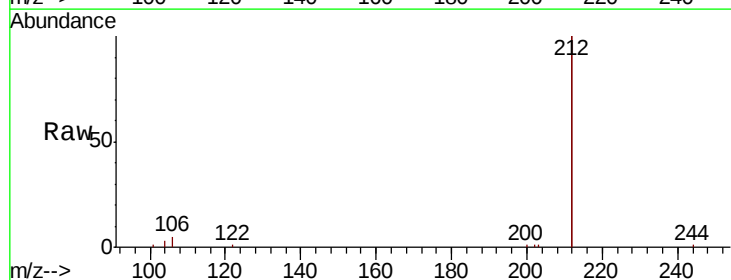
Tgt Ion: 212 Resp: 28199

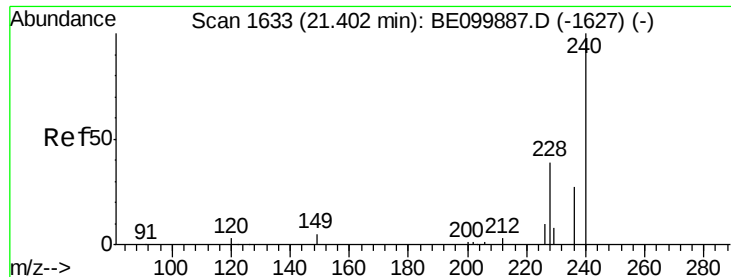
Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Instrument :

BNA_E

ClientSampleId :

PB120491BL

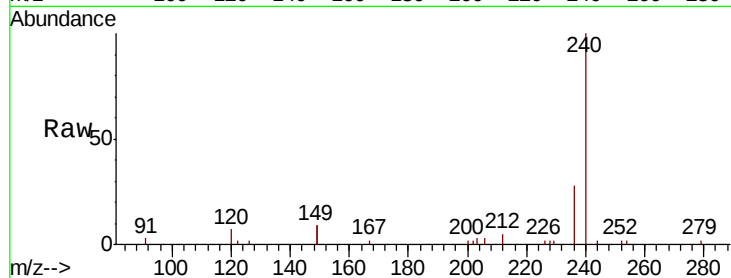
Tgt Ion:240 Resp: 7428

Ion Ratio Lower Upper

240 100

120 7.3 3.8 5.6#

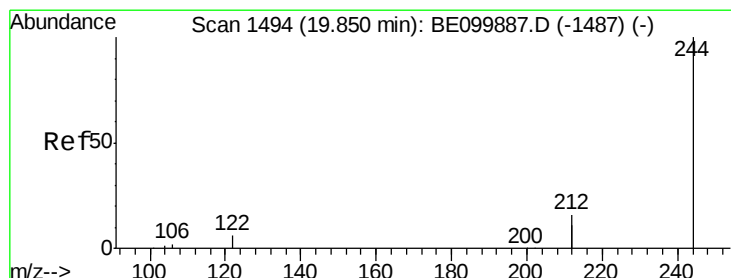
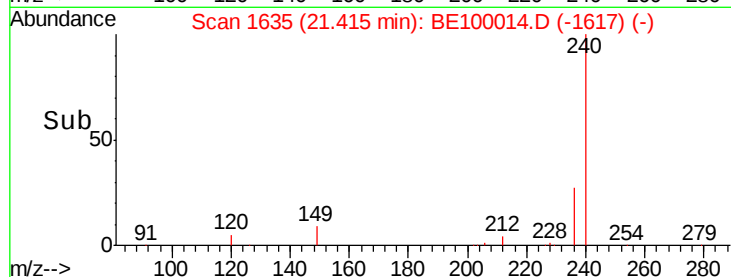
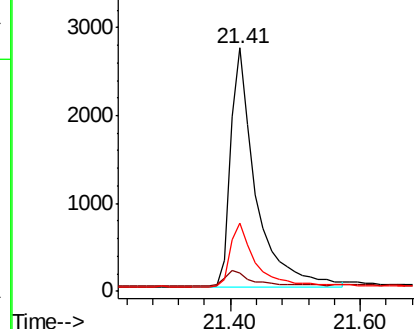
236 28.3 22.0 33.0



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: 0.533 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

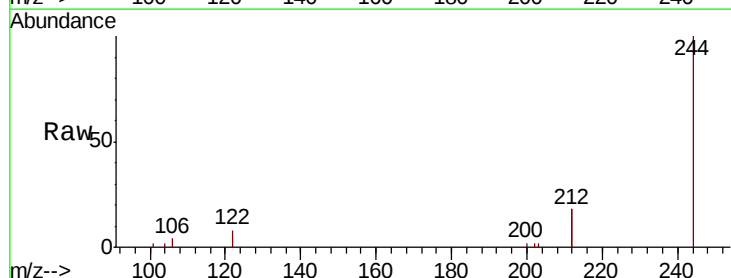
Tgt Ion:244 Resp: 7133

Ion Ratio Lower Upper

244 100

212 35.3 25.7 38.5

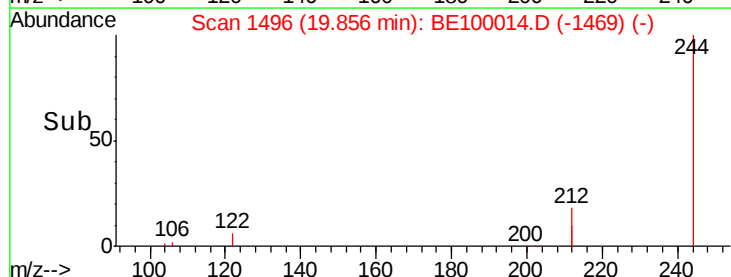
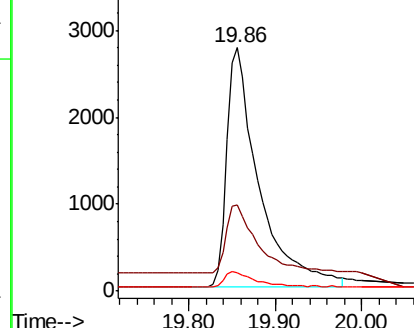
122 7.8 5.5 8.3

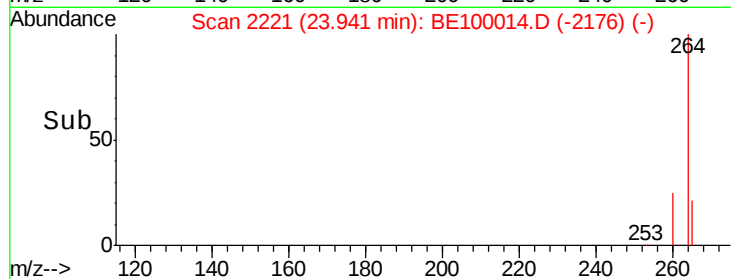
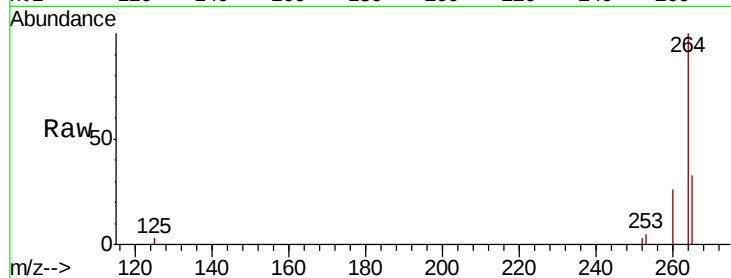
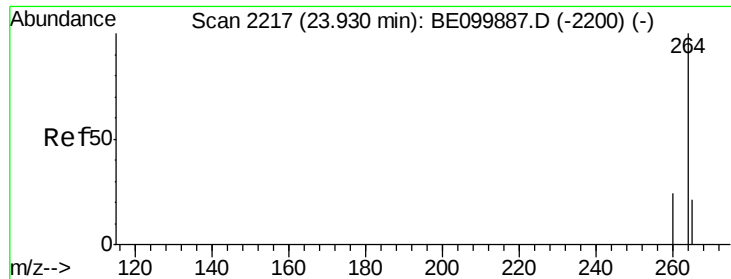


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BE100014.D

Acq: 14 Jun 2019 9:15

Instrument :

BNA_E

ClientSampleId :

PB120491BL

Tgt Ion: 264 Resp: 8273

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 33.3 22.0 33.0#

