

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100016.D
 Acq On : 14 Jun 2019 10:27
 Operator : JU/SJ
 Sample : PB120501BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BL

Quant Time: Jun 15 00:47:46 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

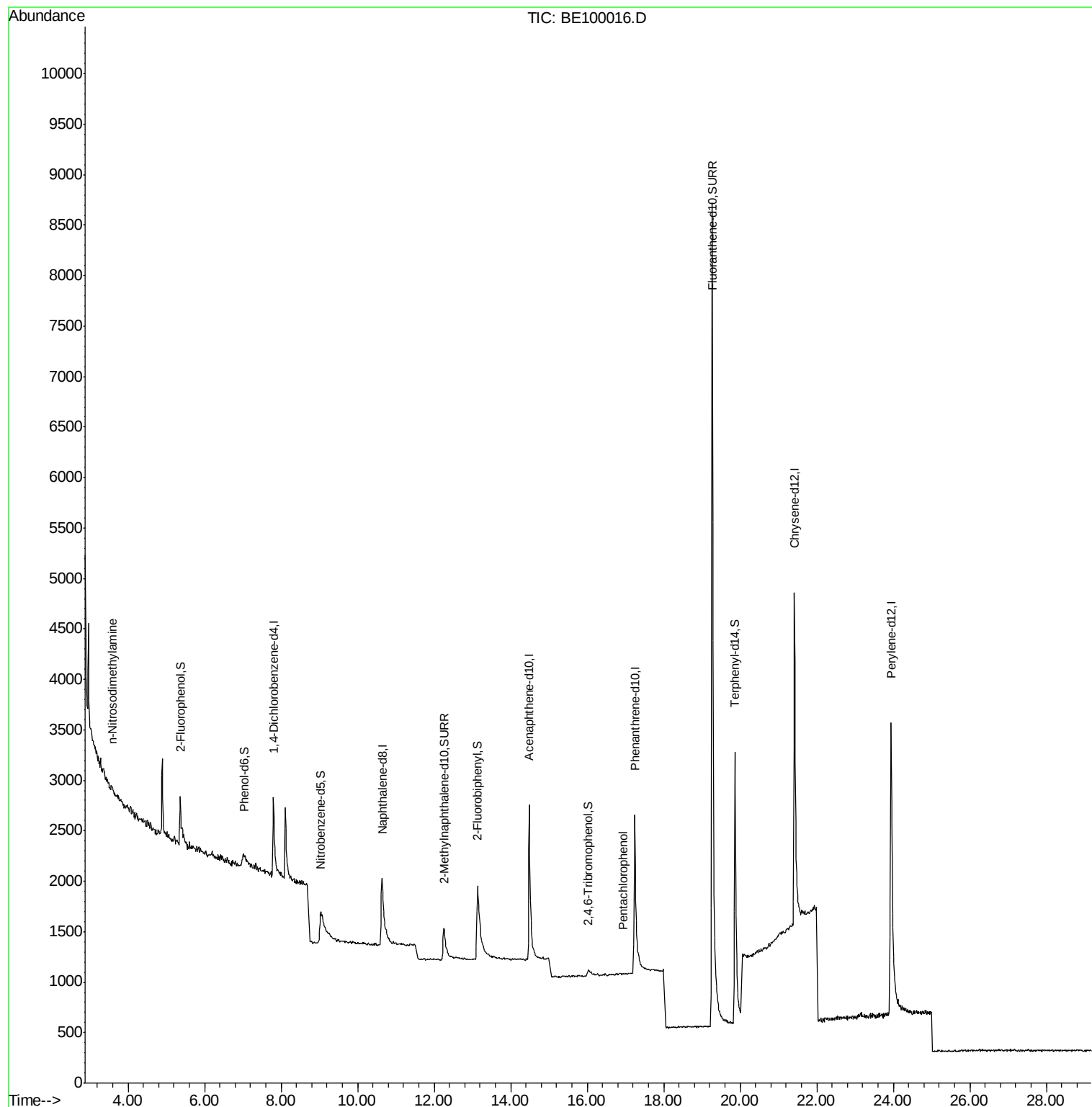
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	683	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	2256	0.40	ng	0.04
13) Acenaphthene-d10	14.49	164	1925	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	5485	0.40	ng	0.03
27) Chrysene-d12	21.41	240	6941	0.40	ng	0.01
34) Perylene-d12	23.94	264	7752	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	585	0.32	ng	0.01
5) Phenol-d6	7.02	99	559	0.24	ng	0.06
8) Nitrobenzene-d5	9.03	82	500	0.23	ng	0.07
11) 2-Methylnaphthalene-d10	12.25	152	1349	0.34	ng	0.04
14) 2,4,6-Tribromophenol	16.02	330	136	0.10	ng	0.05
15) 2-Fluorobiphenyl	13.13	172	2516	0.34	ng	0.03
25) Fluoranthene-d10	19.26	212	23209	0.29	ng	0.01
29) Terphenyl-d14	19.86	244	5605	0.45	ng	0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.59	42	32	0.055	ng	# 100
22) Pentachlorophenol	16.95	266	12	0.308	ng	# 81

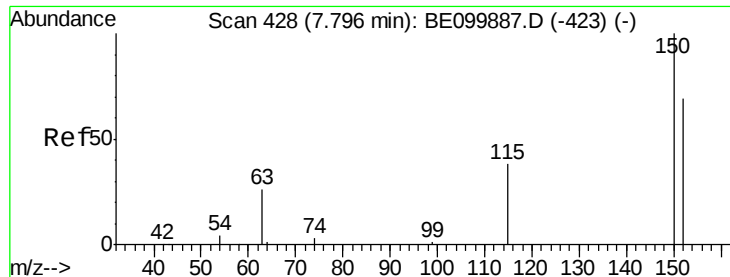
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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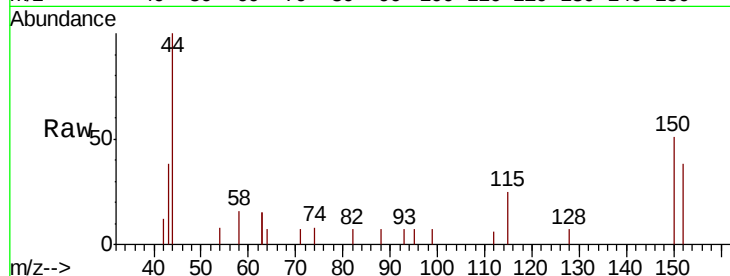


#1

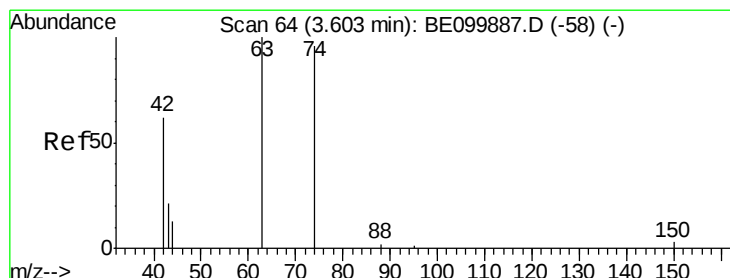
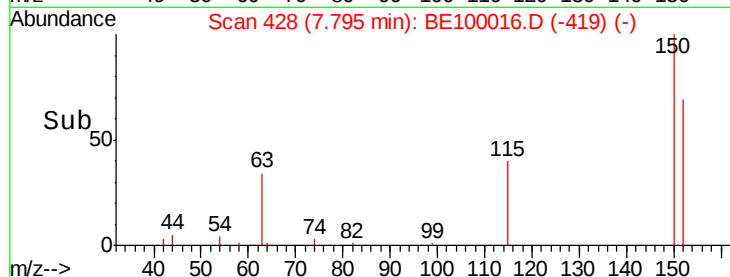
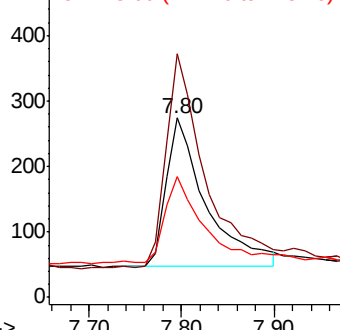
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE100016.D
 Acq: 14 Jun 2019 10:27

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BL

Tgt Ion: 152 Resp: 683
 Ion Ratio Lower Upper
 152 100
 150 135.8 111.0 166.6
 115 67.5 50.7 76.1



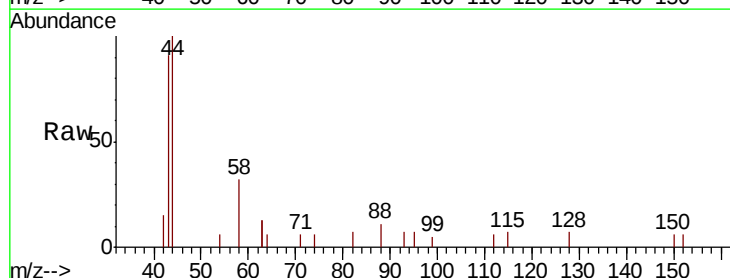
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



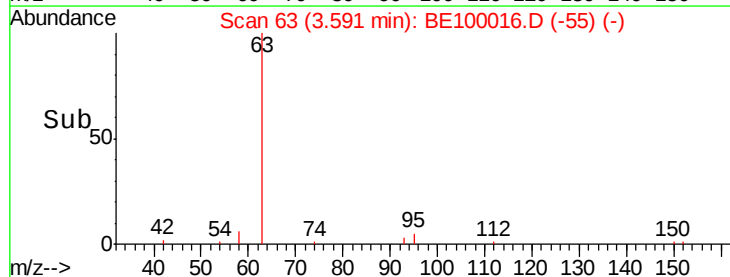
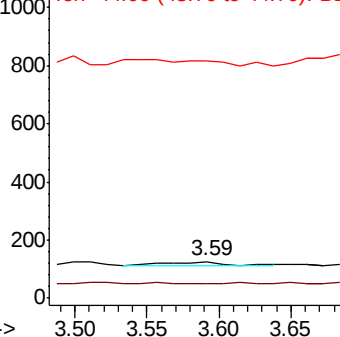
#3

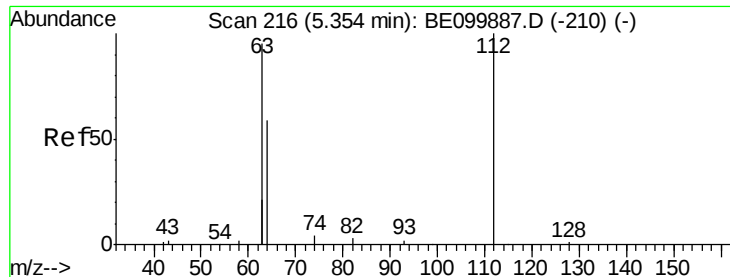
n-Nitrosodimethylamine
 Concen: 0.055 ng
 RT: 3.59 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BE100016.D
 Acq: 14 Jun 2019 10:27

Tgt Ion: 42 Resp: 32
 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: 0.317 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

Instrument :

BNA_E

ClientSampleId :

PB120501BL

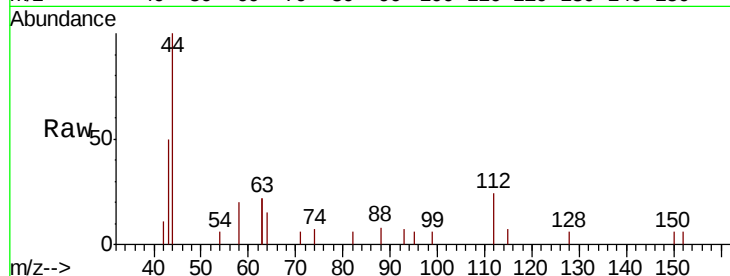
Tgt Ion: 112 Resp: 585

Ion Ratio Lower Upper

112 100

64 48.7 44.1 66.1

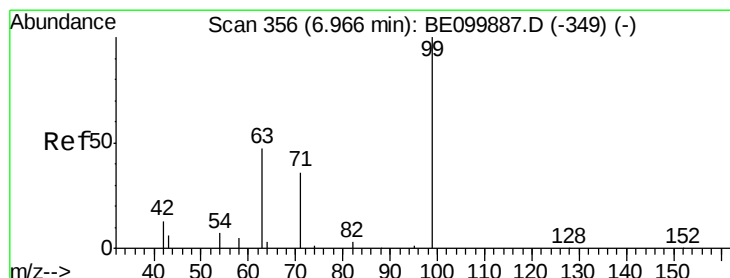
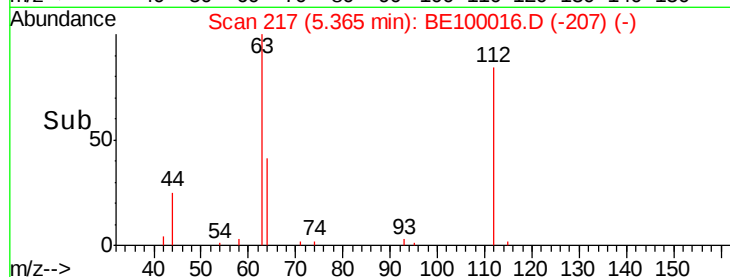
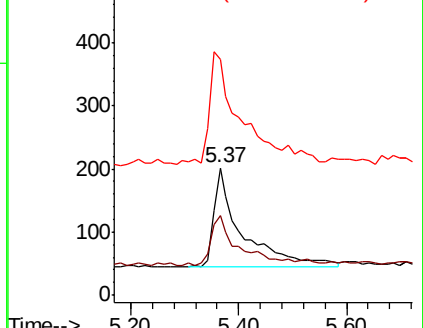
63 126.8 87.8 131.6



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: 0.235 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.06 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

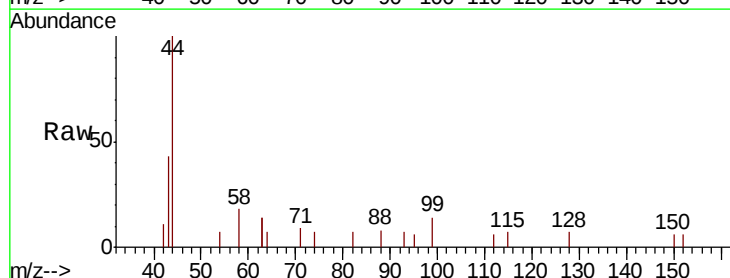
Tgt Ion: 99 Resp: 559

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

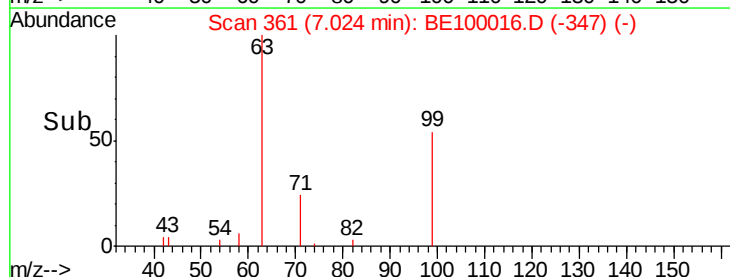
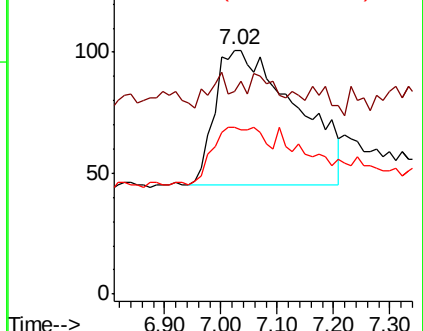
71 28.6 34.6 52.0#

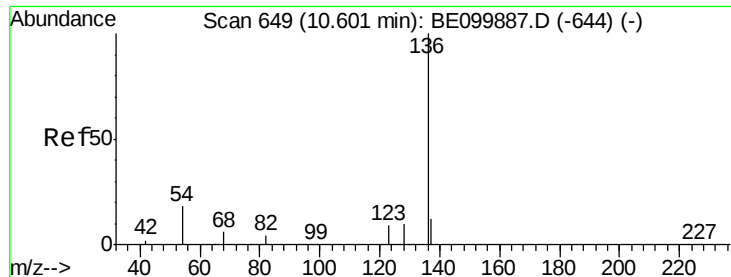


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.64 min Scan# 652

Delta R.T. 0.04 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

Instrument :

BNA_E

ClientSampleId :

PB120501BL

Tgt Ion: 136 Resp: 2256

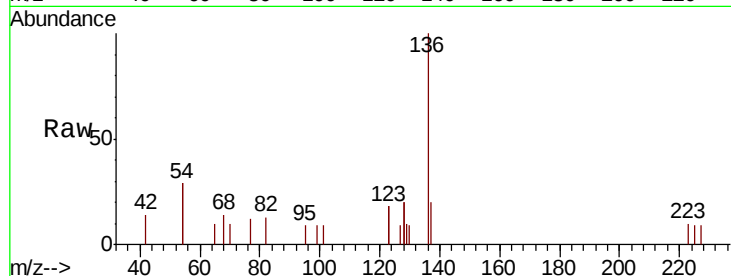
Ion Ratio Lower Upper

136 100

137 19.9 12.3 18.5#

54 58.8 28.2 42.4#

68 14.4 7.8 11.8#

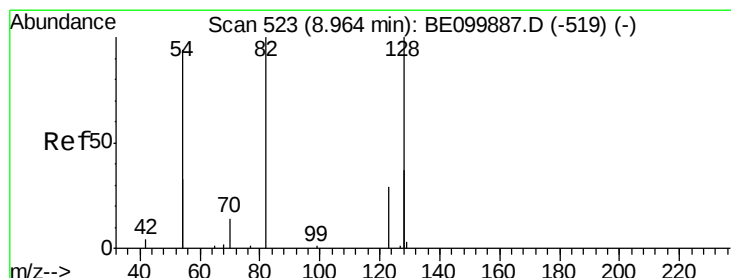
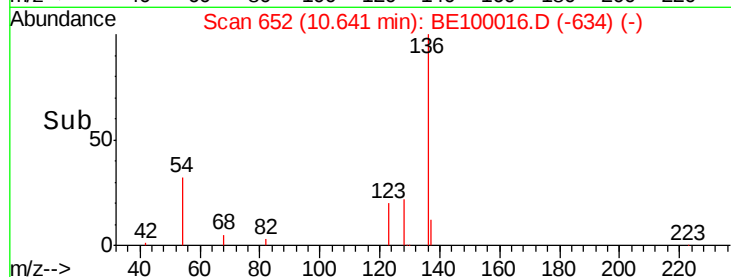
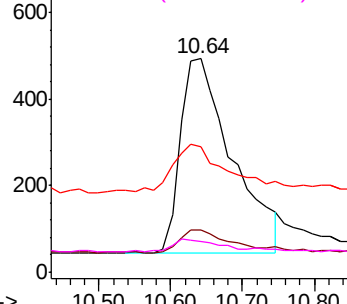


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.234 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.07 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

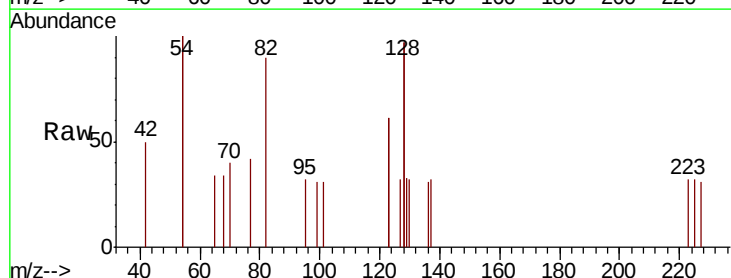
Tgt Ion: 82 Resp: 500

Ion Ratio Lower Upper

82 100

128 216.9 137.3 205.9#

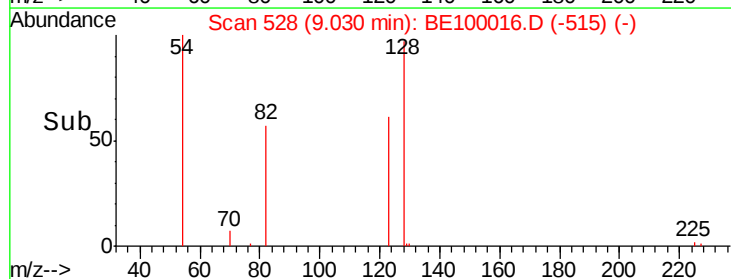
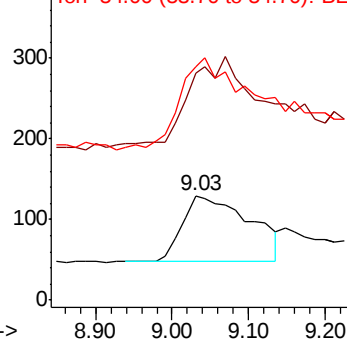
54 223.1 129.7 194.5#

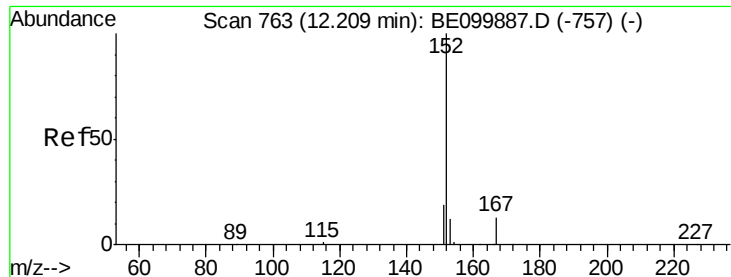


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

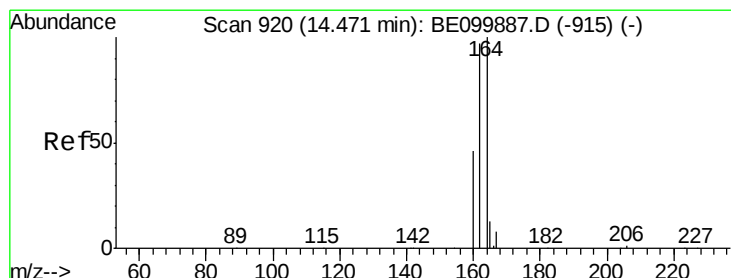
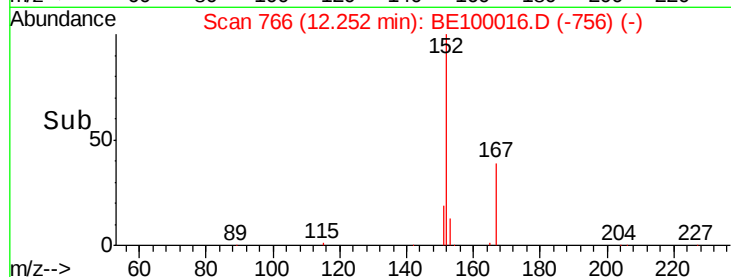
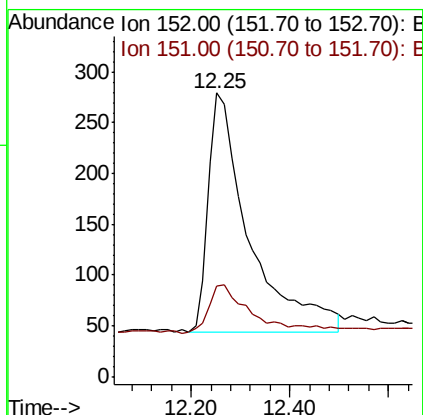
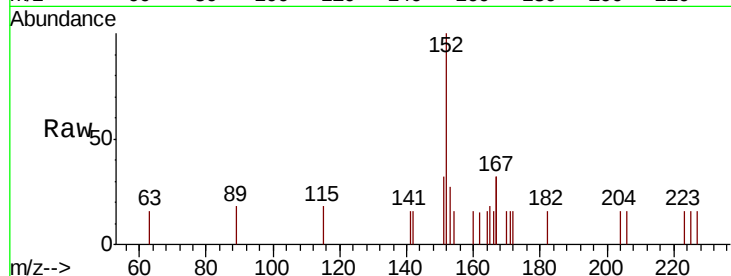




#11
 2-Methylnaphthalene-d10
 Concen: 0.343 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.04 min
 Lab File: BE100016.D
 Acq: 14 Jun 2019 10:27

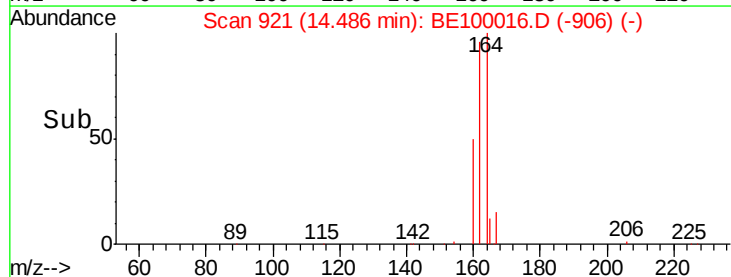
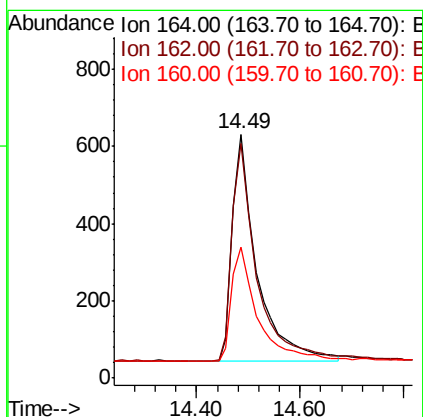
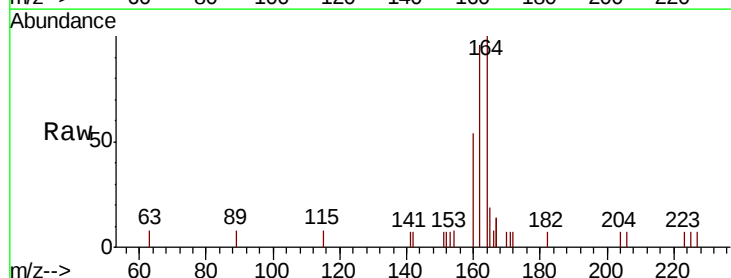
Instrument :
 BNA_E
 ClientSampleId :
 PB120501BL

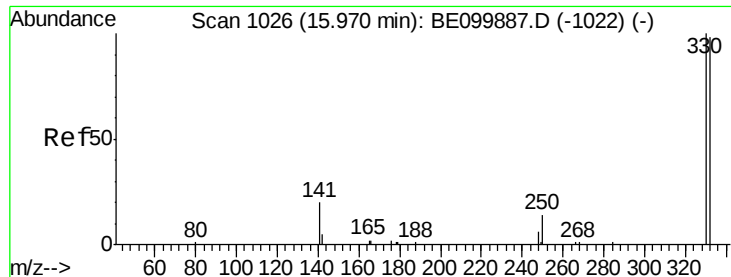
Tgt Ion:152 Resp: 1349
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE100016.D
 Acq: 14 Jun 2019 10:27

Tgt Ion:164 Resp: 1925
 Ion Ratio Lower Upper
 164 100
 162 96.4 77.8 116.8
 160 53.9 38.2 57.4

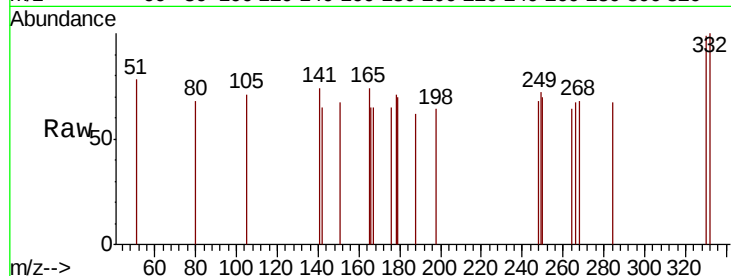




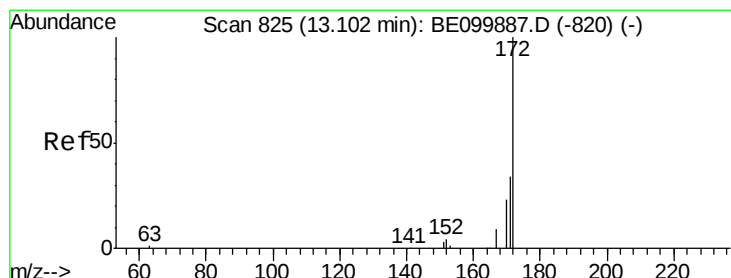
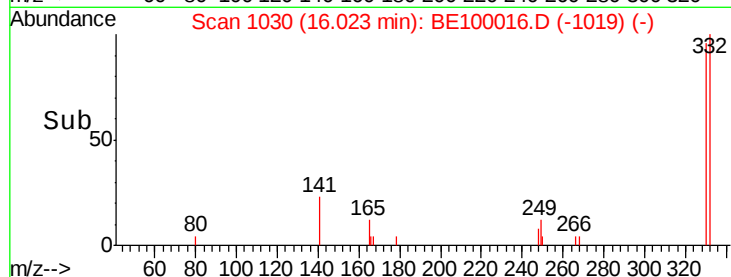
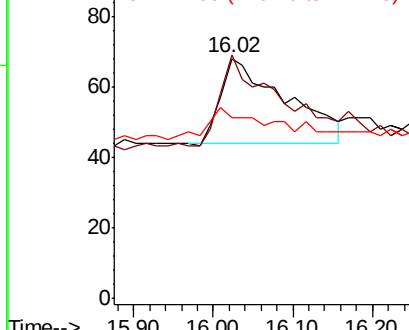
#14
 2,4,6-Tribromophenol
 Concen: 0.096 ng
 RT: 16.02 min Scan# 1030
 Delta R.T. 0.05 min
 Lab File: BE100016.D
 Acq: 14 Jun 2019 10:27

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BL

Tgt Ion: 330 Resp: 136
 Ion Ratio Lower Upper
 330 100
 332 102.9 76.7 115.1
 141 36.0 21.0 31.6#

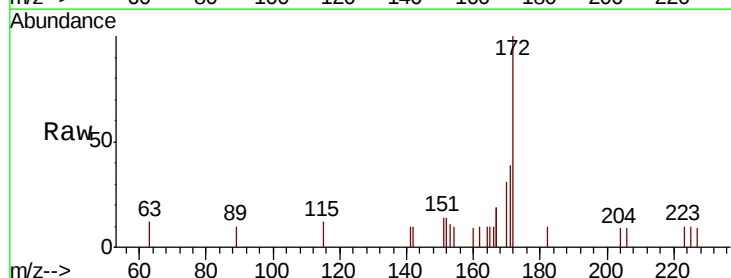


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

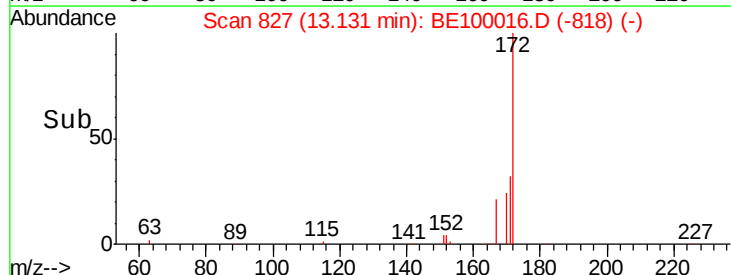
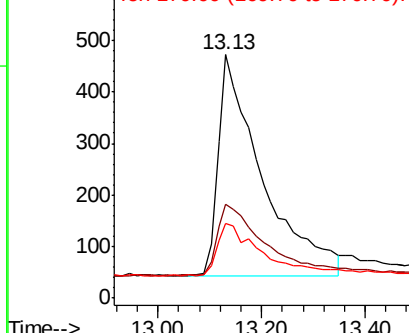


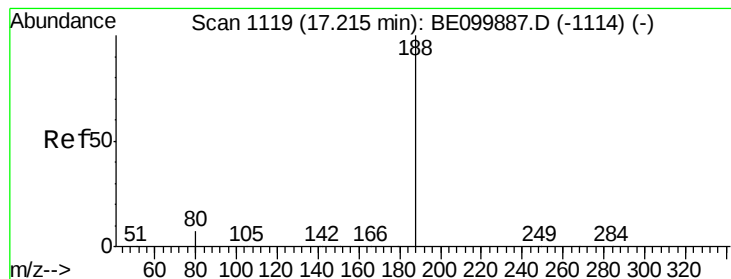
#15
 2-Fluorobiphenyl
 Concen: 0.345 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.03 min
 Lab File: BE100016.D
 Acq: 14 Jun 2019 10:27

Tgt Ion: 172 Resp: 2516
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.2 43.8
 170 30.7 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.03 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

Instrument :

BNA_E

ClientSampleId :

PB120501BL

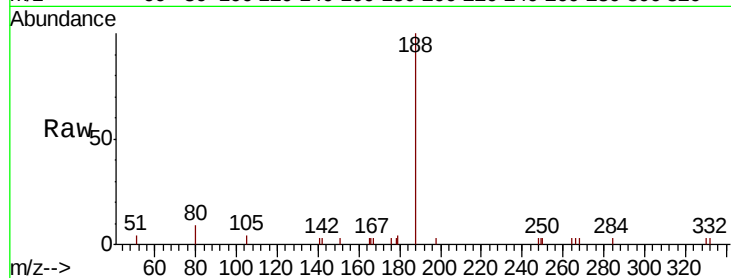
Tgt Ion:188 Resp: 5485

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

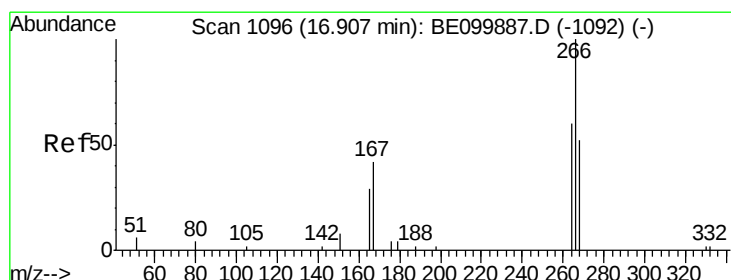
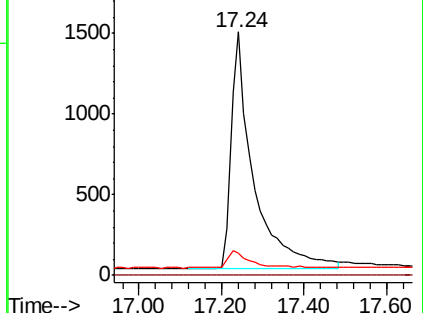
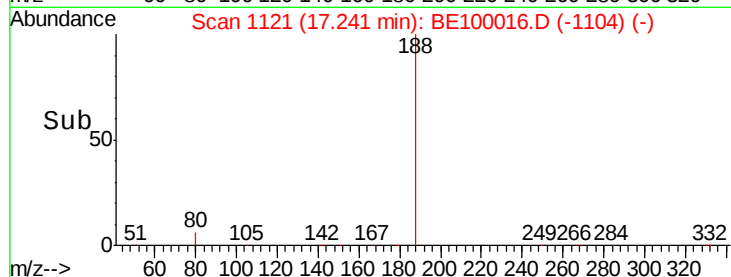
80 8.9 6.4 9.6



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



#22

Pentachlorophenol

Concen: 0.308 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

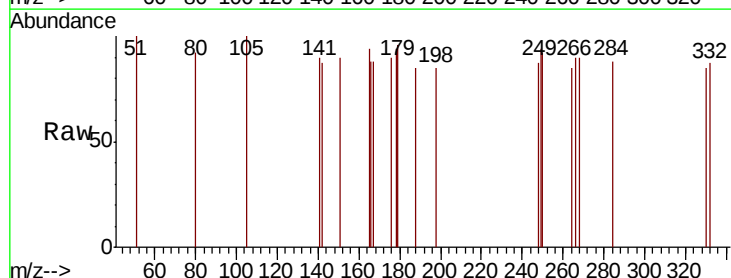
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 93.6 62.2 93.2#

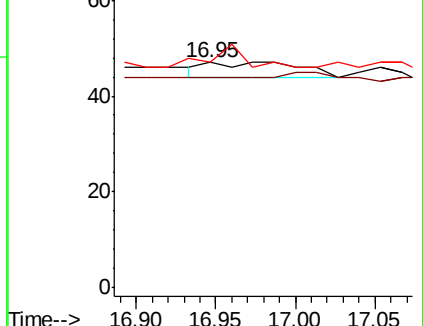
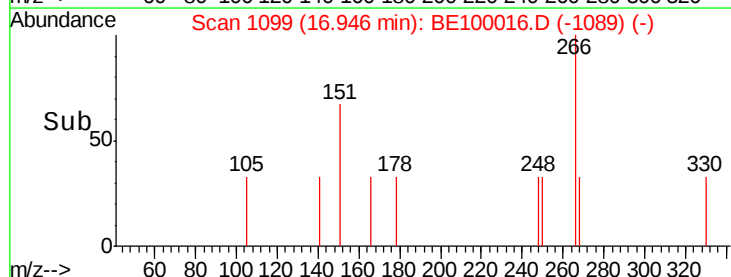
268 100.0 65.5 98.3#

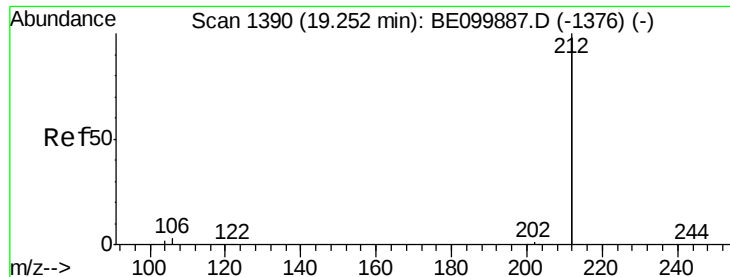


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

Instrument :

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PB120501BL

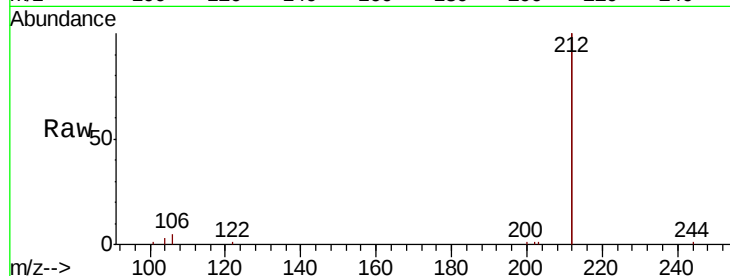
Tgt Ion:212 Resp: 23209

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

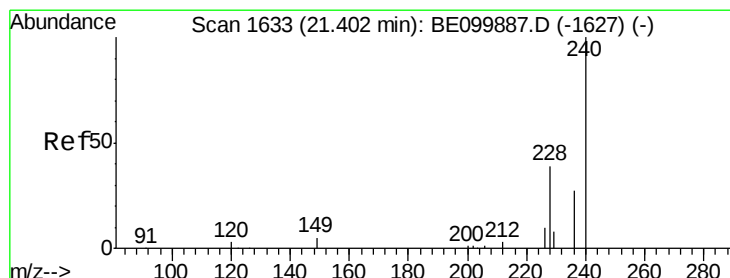
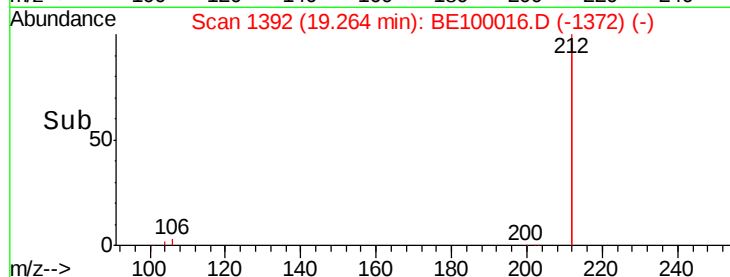
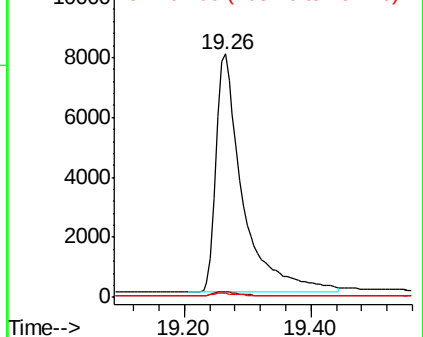
104 1.1 0.9 1.3



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: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

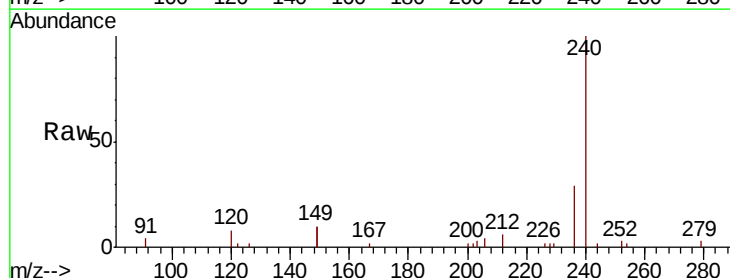
Tgt Ion:240 Resp: 6941

Ion Ratio Lower Upper

240 100

120 7.9 3.8 5.6#

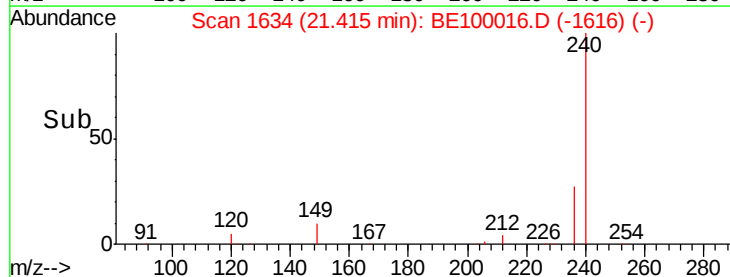
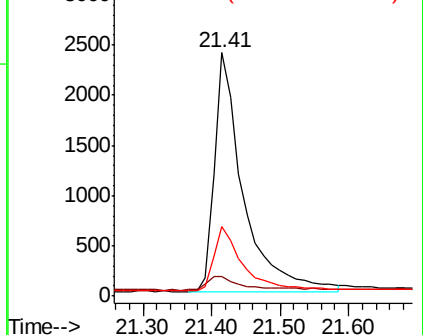
236 28.7 22.0 33.0

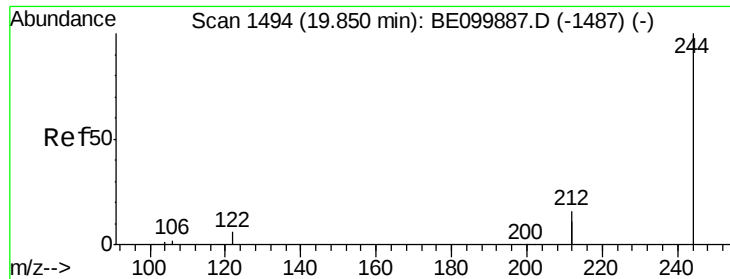


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.449 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

Instrument :

BNA_E

ClientSampleId :

PB120501BL

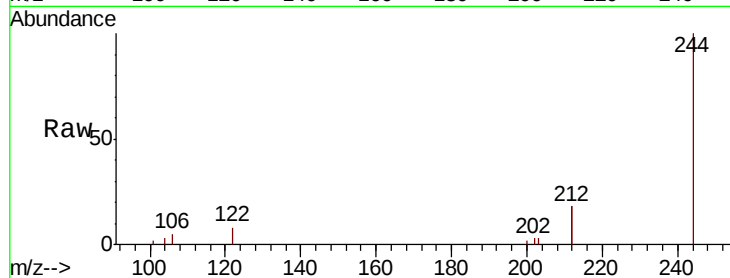
Tgt Ion:244 Resp: 5605

Ion Ratio Lower Upper

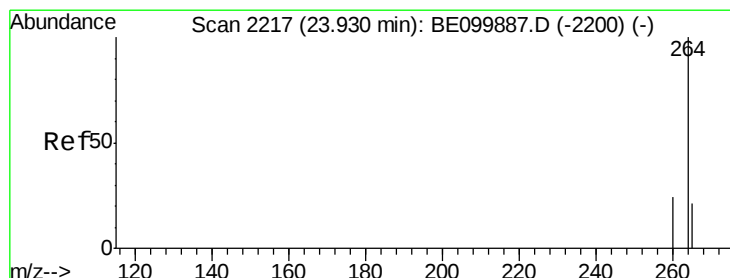
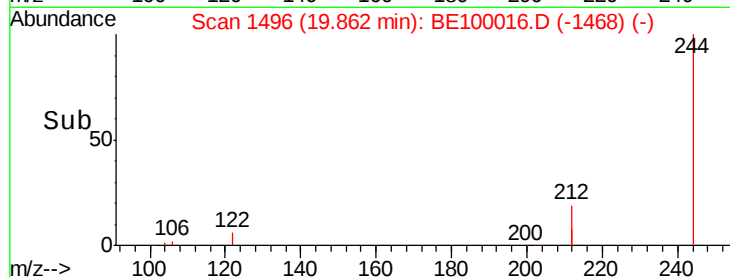
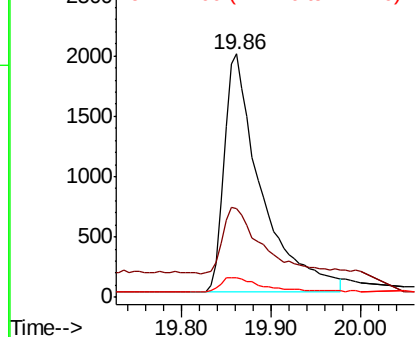
244 100

212 36.5 25.7 38.5

122 8.0 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# 2220

Delta R.T. 0.01 min

Lab File: BE100016.D

Acq: 14 Jun 2019 10:27

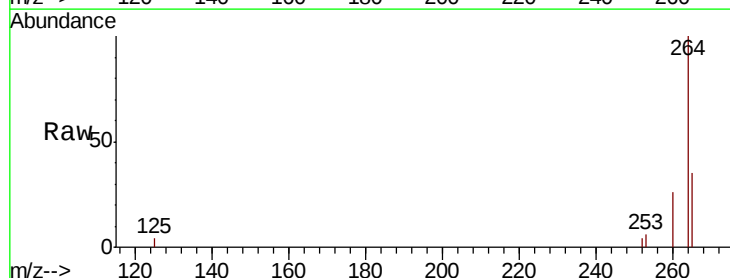
Tgt Ion:264 Resp: 7752

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 35.2 22.0 33.0#



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

