

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099939.D
 Acq On : 12 Jun 2019 00:10
 Operator : JU/SJ
 Sample : K3255-08
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190604

Quant Time: Jun 12 03:46:58 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	7.78	152	699	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2527	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2116	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	6818	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	9369	0.40	ng	-0.04
34) Perylene-d12	23.86	264	10451	0.40	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	274	0.15	ng	0.01
5) Phenol-d6	6.97	99	157	0.06	ng	0.00
8) Nitrobenzene-d5	8.98	82	790	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	1609	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	382	0.24	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3274	0.41	ng	-0.03
25) Fluoranthene-d10	19.21	212	40491	0.41	ng	-0.04
29) Terphenyl-d14	19.80	244	10235	0.61	ng	-0.05

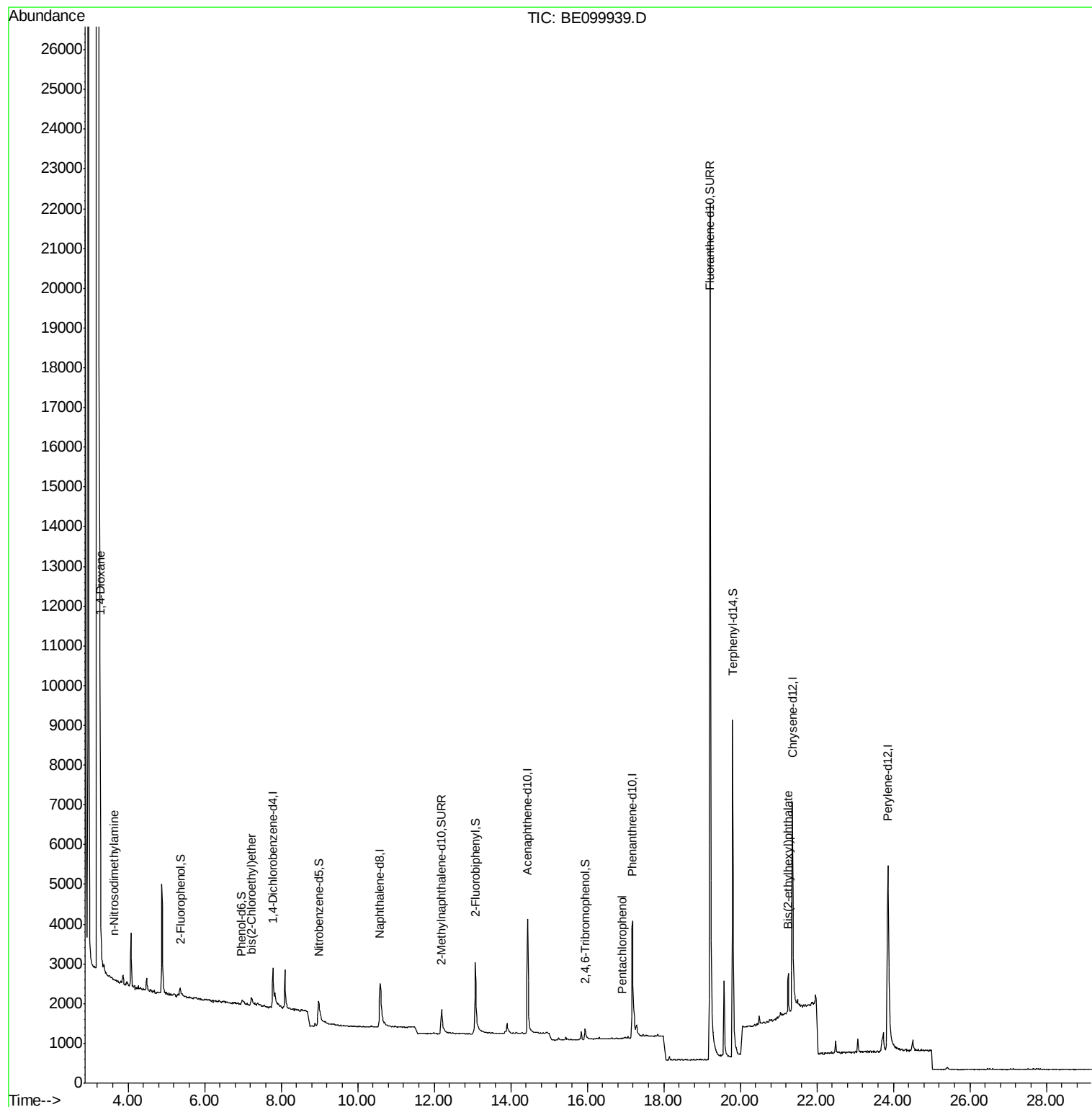
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	4542	4.390	ng	# 87
3) n-Nitrosodimethylamine	3.63	42	12	0.020	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	195	0.098	ng	# 86
22) Pentachlorophenol	16.91	266	8	0.304	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.26	149	1592	0.040	ng	# 98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



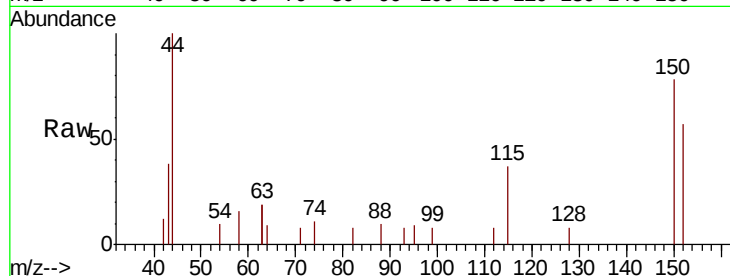


#1

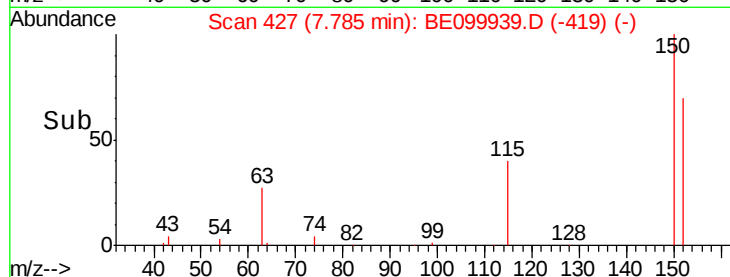
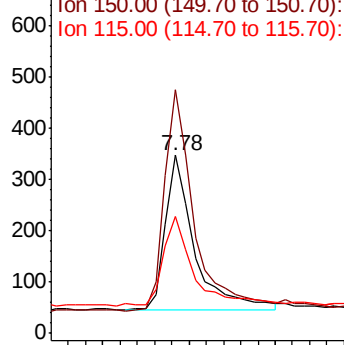
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099939.D
Acq: 12 Jun 2019 00:10

Instrument :
BNA_E
ClientSampleId :
RE108D2-20190604

Tgt Ion:152 Resp: 699
Ion Ratio Lower Upper
152 100
150 136.6 111.0 166.6
115 66.0 50.7 76.1



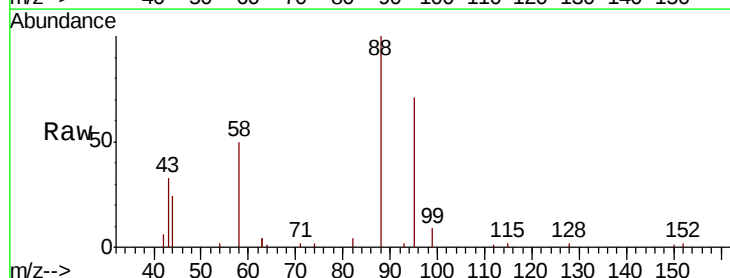
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



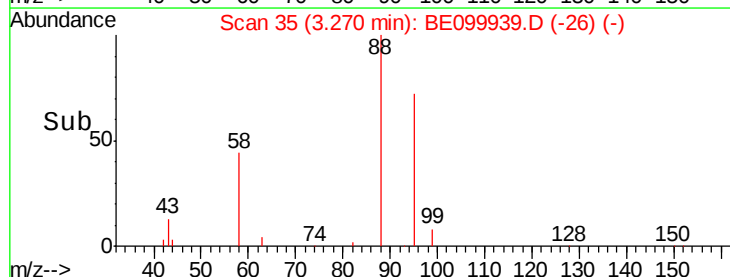
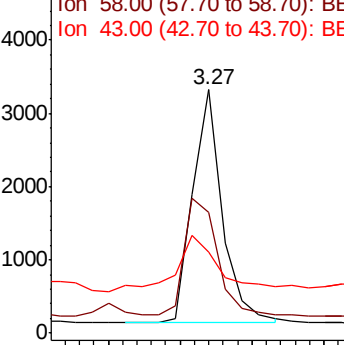
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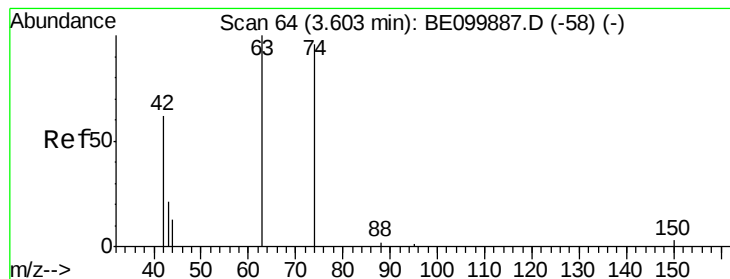
1,4-Dioxane
Concen: 4.390 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099939.D
Acq: 12 Jun 2019 00:10

Tgt Ion: 88 Resp: 4542
Ion Ratio Lower Upper
88 100
58 54.6 48.8 73.2
43 35.5 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190604

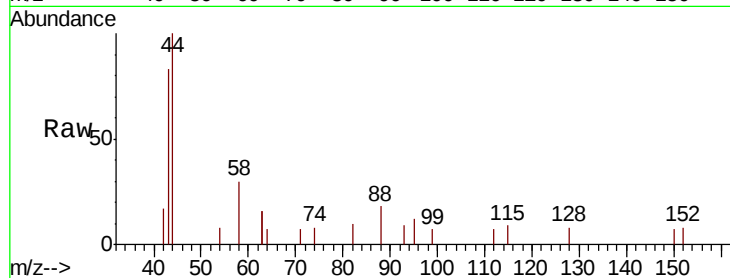
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

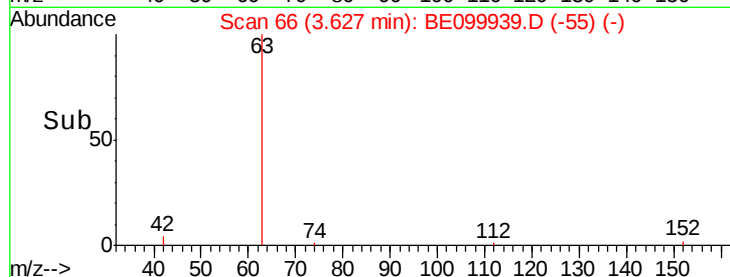
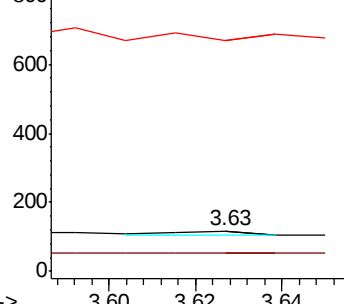
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

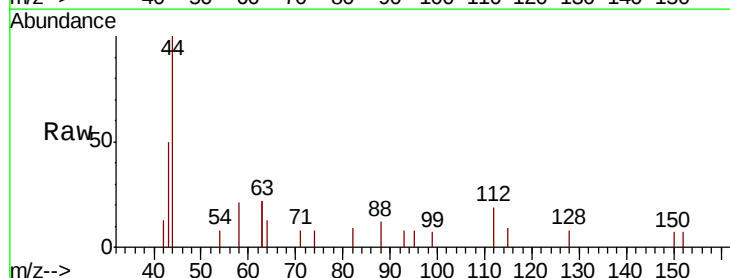
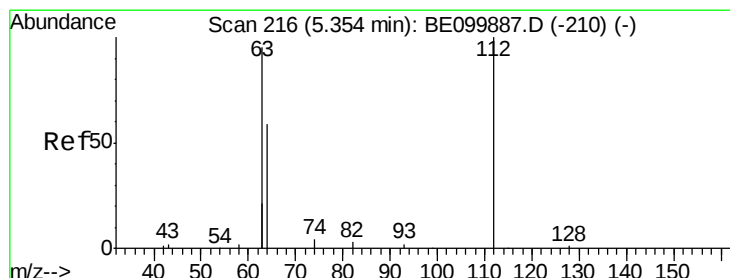
Tgt Ion: 112 Resp: 274

Ion Ratio Lower Upper

112 100

64 50.7 44.1 66.1

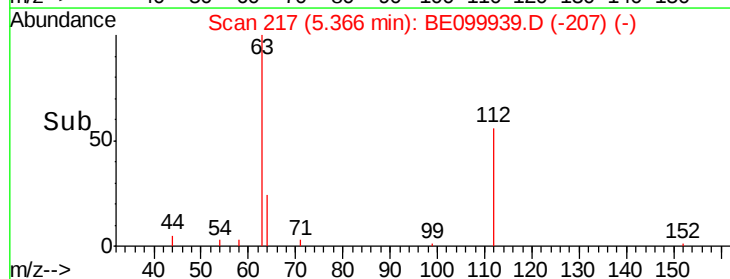
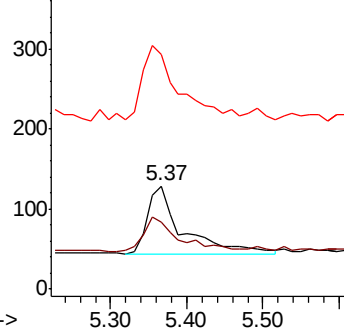
63 117.2 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.065 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190604

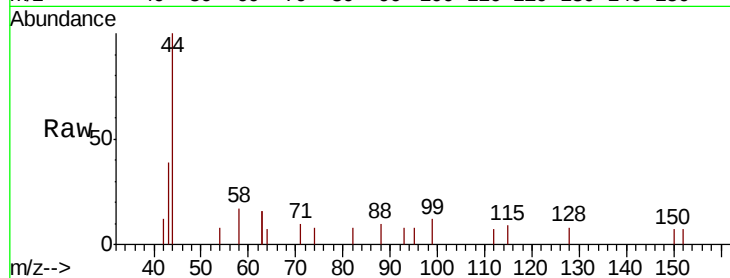
Tgt Ion: 99 Resp: 157

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

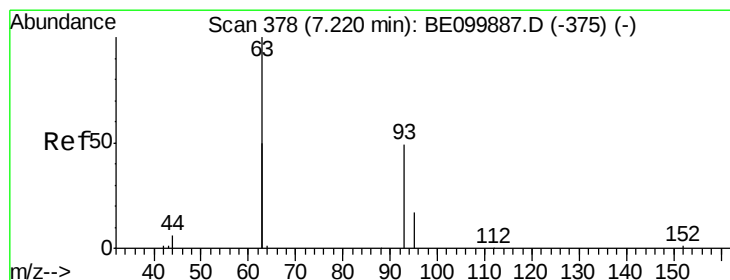
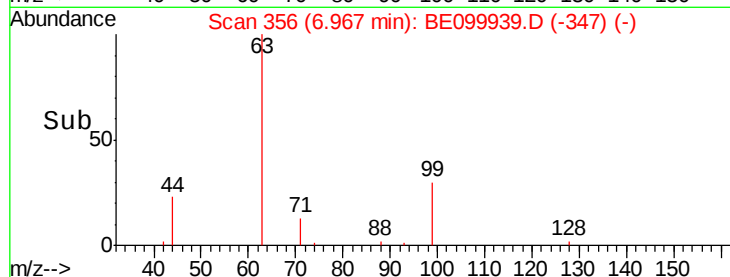
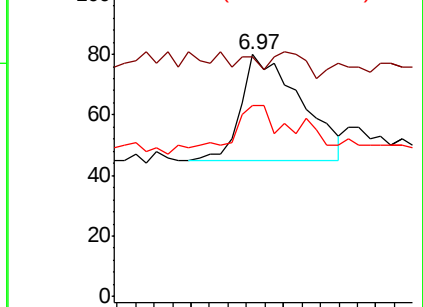
71 38.9 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.098 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

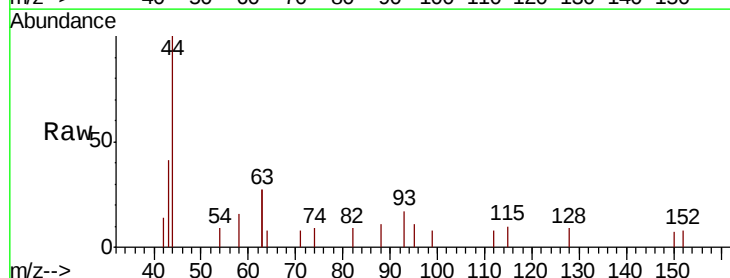
Tgt Ion: 93 Resp: 195

Ion Ratio Lower Upper

93 100

63 228.2 202.8 304.2

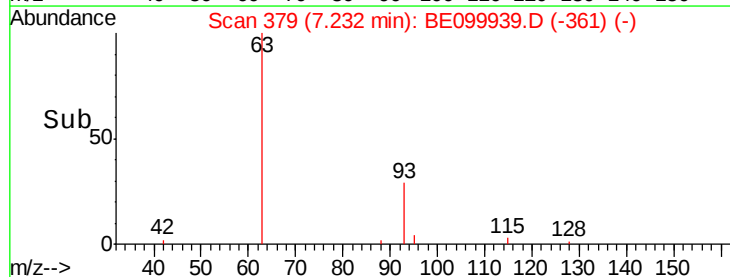
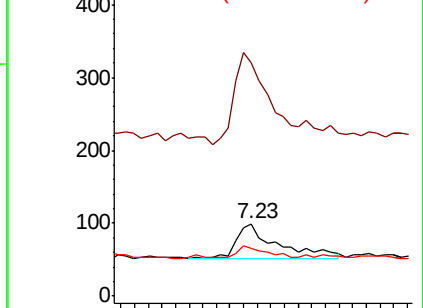
95 22.6 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

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RE108D2-20190604

Tgt Ion: 136 Resp: 2527

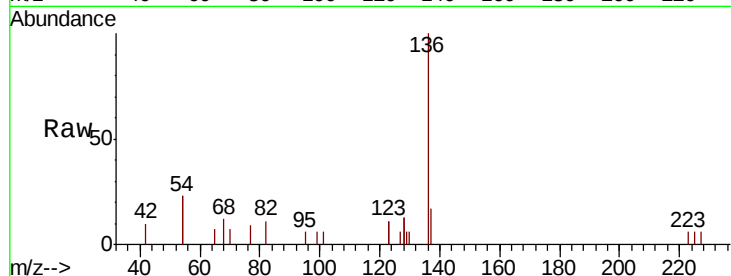
Ion Ratio Lower Upper

136 100

137 16.6 12.3 18.5

54 45.7 28.2 42.4#

68 12.0 7.8 11.8#

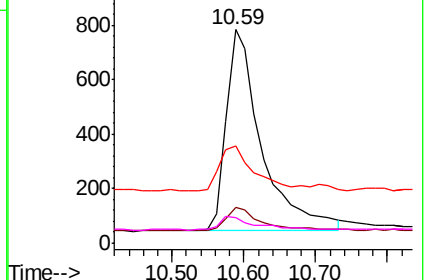
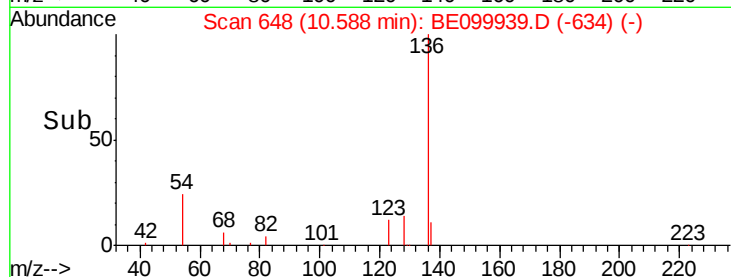


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

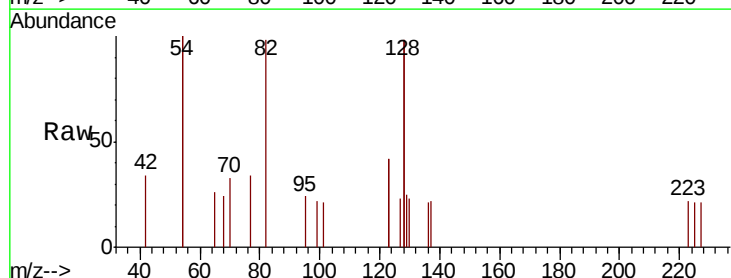
Tgt Ion: 82 Resp: 790

Ion Ratio Lower Upper

82 100

128 199.0 137.3 205.9

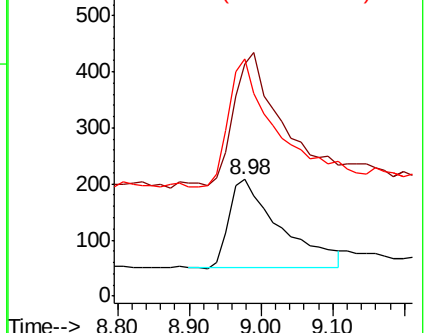
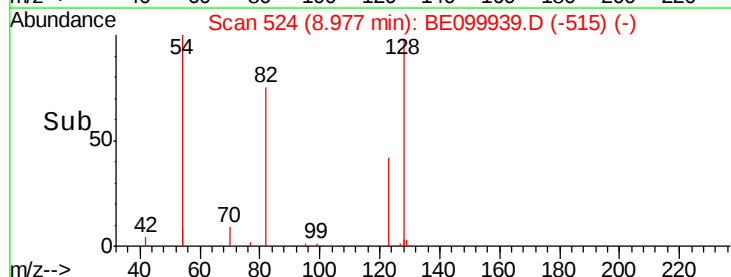
54 203.8 129.7 194.5#

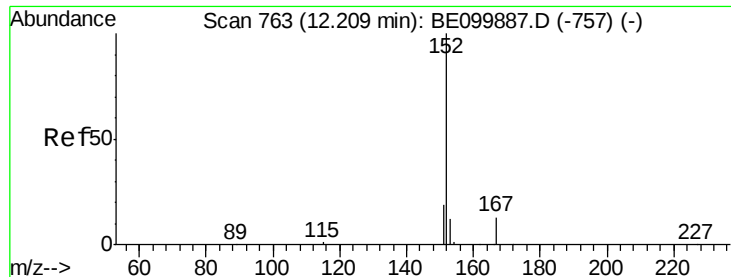


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

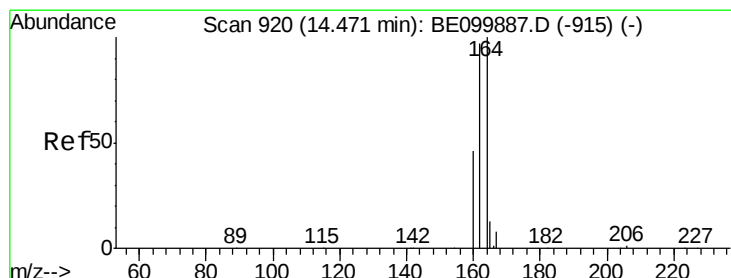
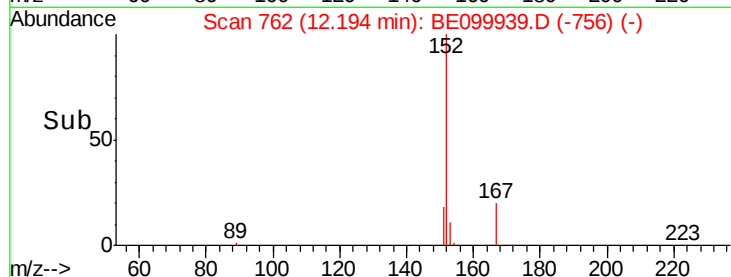
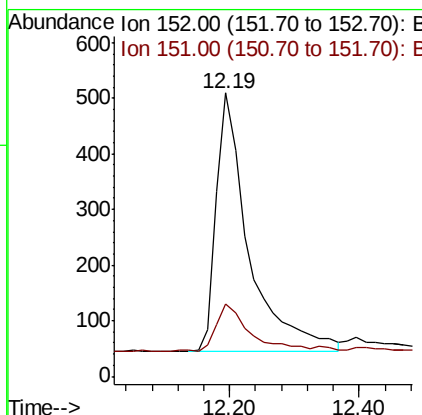
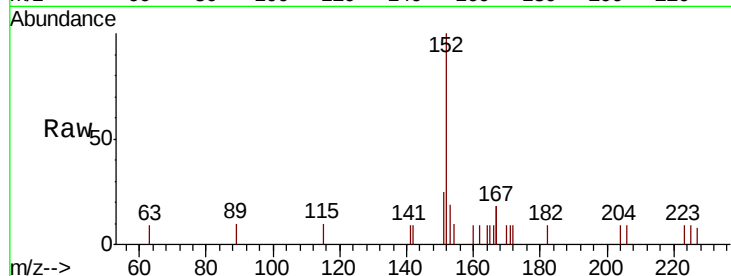




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE099939.D
 Acq: 12 Jun 2019 00:10

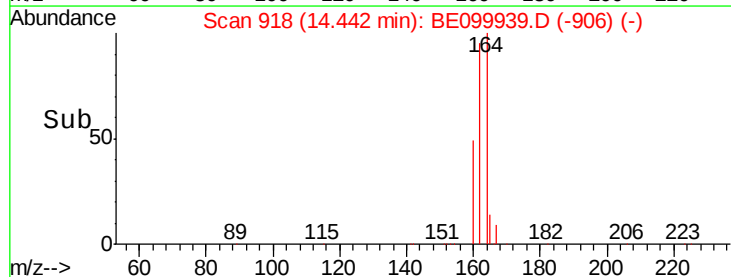
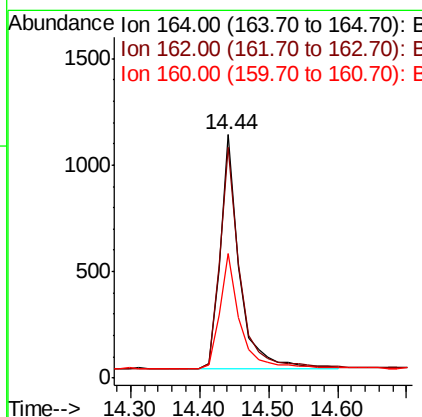
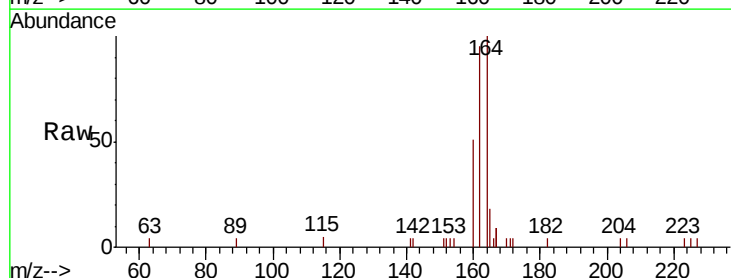
Instrument :
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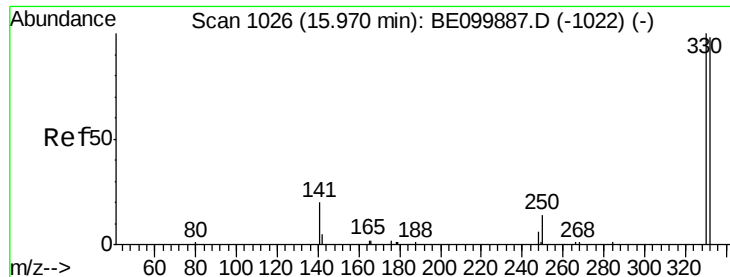
Tgt Ion:152 Resp: 1609
 Ion Ratio Lower Upper
 152 100
 151 17.3 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BE099939.D
 Acq: 12 Jun 2019 00:10

Tgt Ion:164 Resp: 2116
 Ion Ratio Lower Upper
 164 100
 162 94.7 77.8 116.8
 160 51.4 38.2 57.4

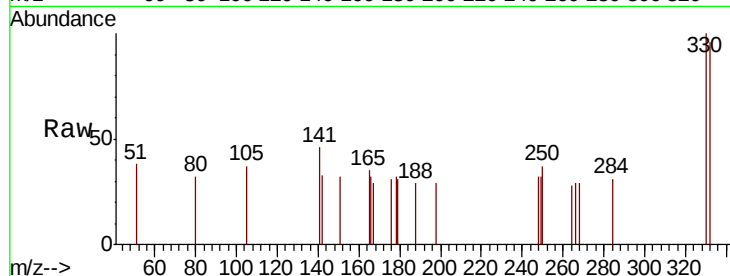




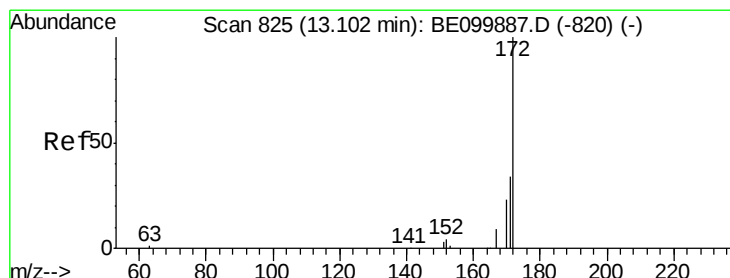
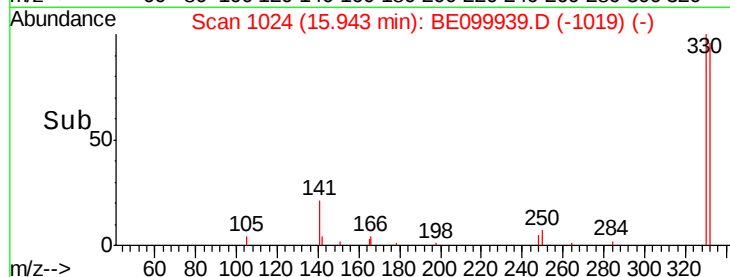
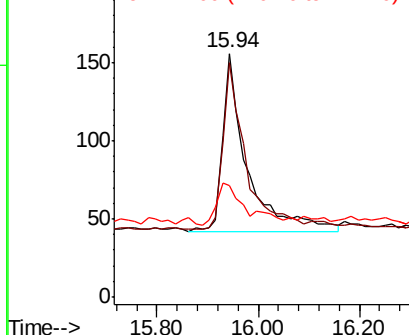
#14
 2,4,6-Tribromophenol
 Concen: 0.244 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099939.D
 Acq: 12 Jun 2019 00:10

Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190604

Tgt Ion: 330 Resp: 382
 Ion Ratio Lower Upper
 330 100
 332 87.7 76.7 115.1
 141 28.3 21.0 31.6

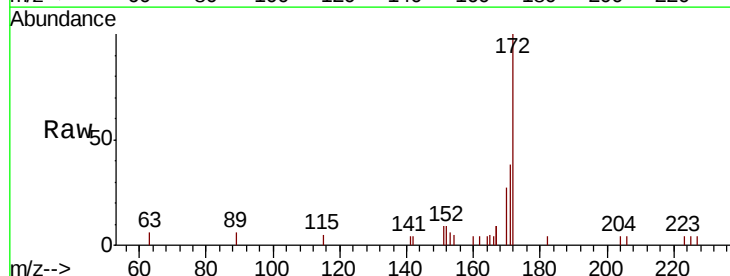


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

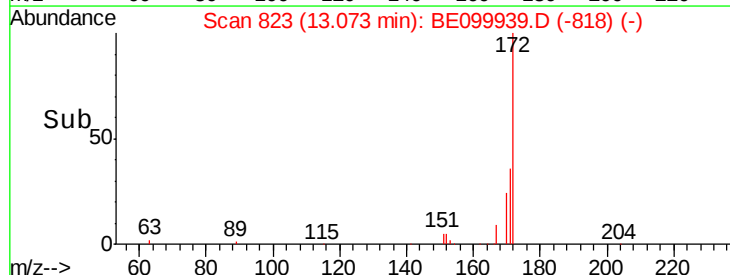
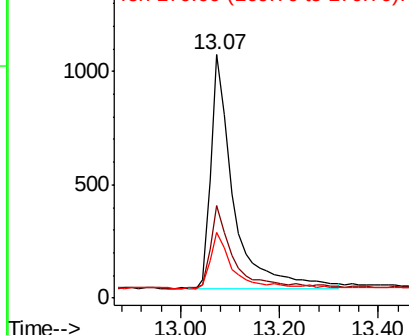


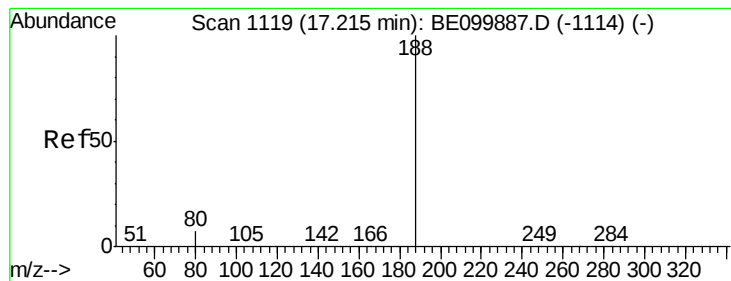
#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BE099939.D
 Acq: 12 Jun 2019 00:10

Tgt Ion: 172 Resp: 3274
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.2 43.8
 170 26.8 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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190604

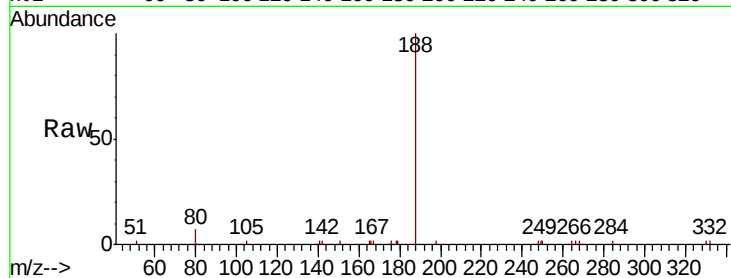
Tgt Ion:188 Resp: 6818

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

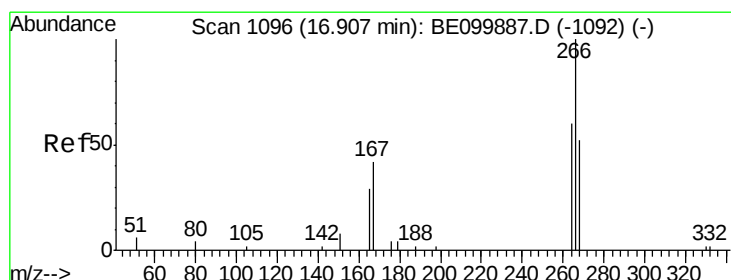
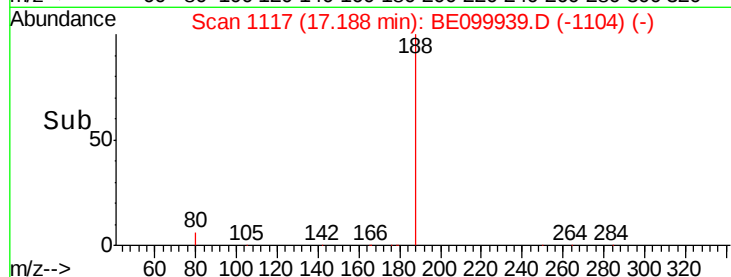
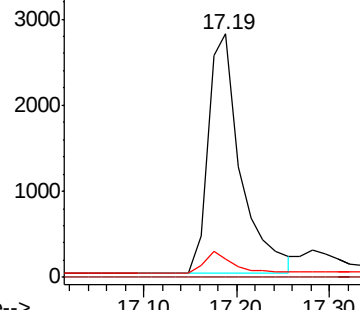
80 7.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.304 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

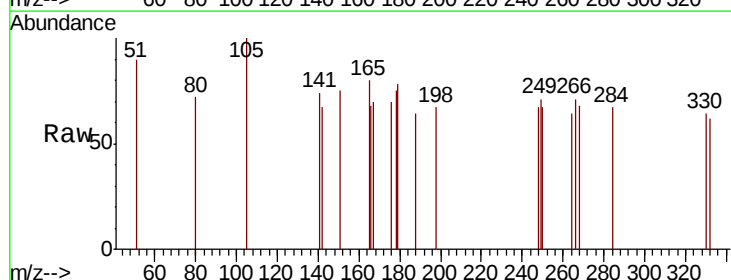
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 89.8 62.2 93.2

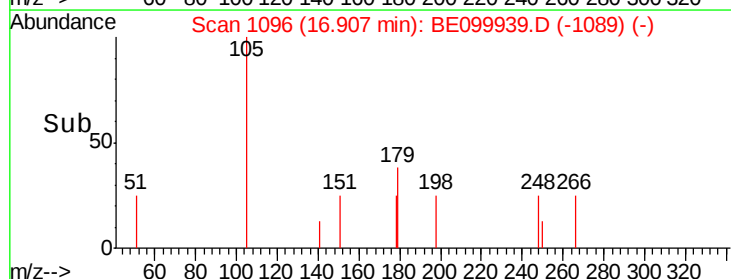
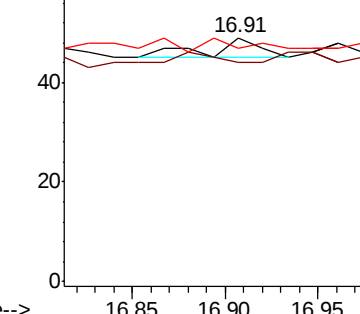
268 95.9 65.5 98.3

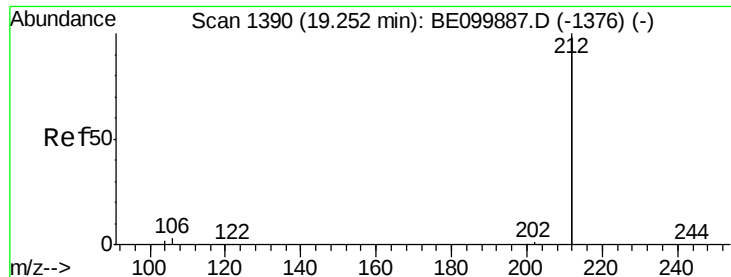


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190604

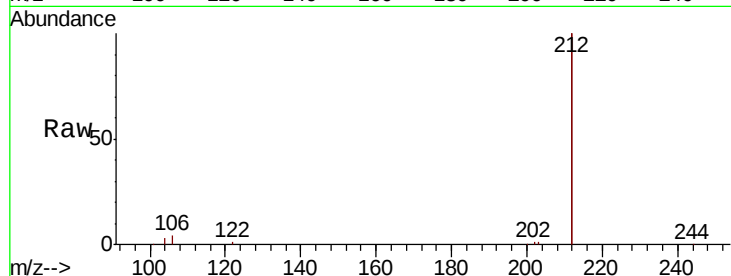
Tgt Ion:212 Resp: 40491

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

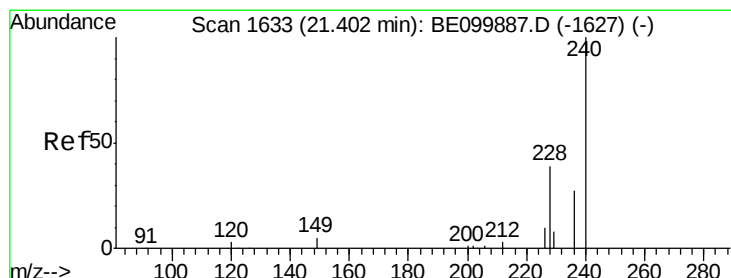
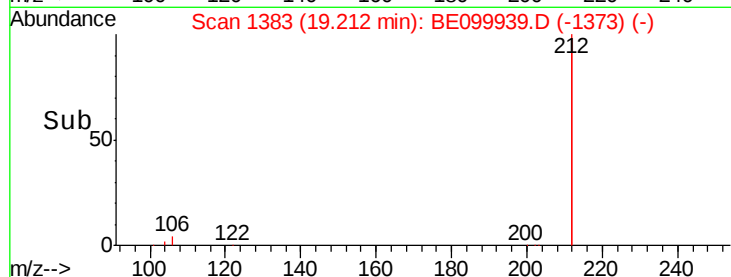
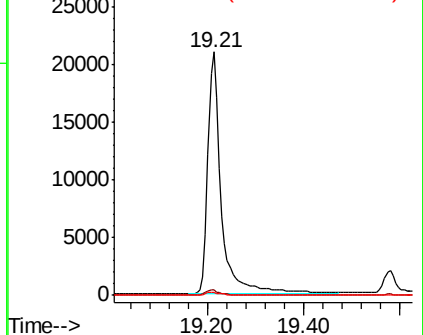
104 1.1 0.9 1.3



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: 21.37 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

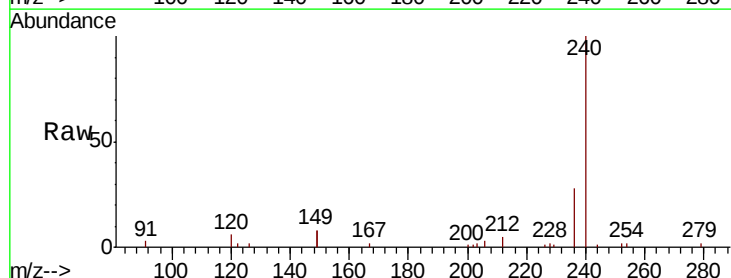
Tgt Ion:240 Resp: 9369

Ion Ratio Lower Upper

240 100

120 6.2 3.8 5.6#

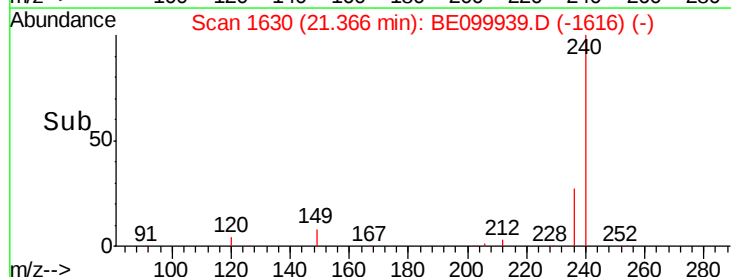
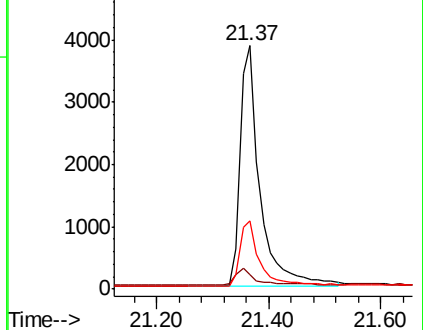
236 27.9 22.0 33.0

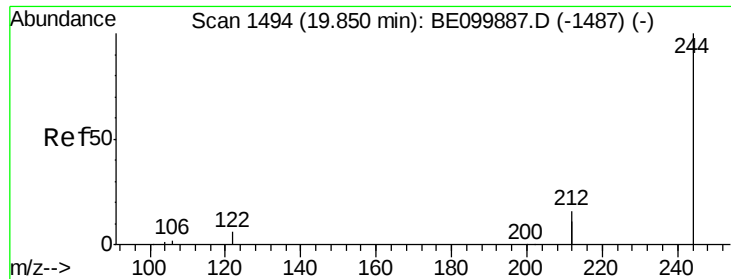


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.607 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190604

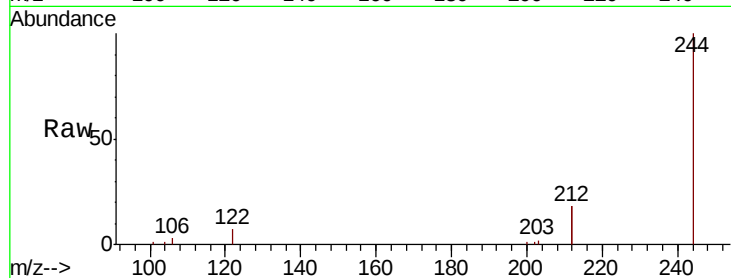
Tgt Ion:244 Resp: 10235

Ion Ratio Lower Upper

244 100

212 35.2 25.7 38.5

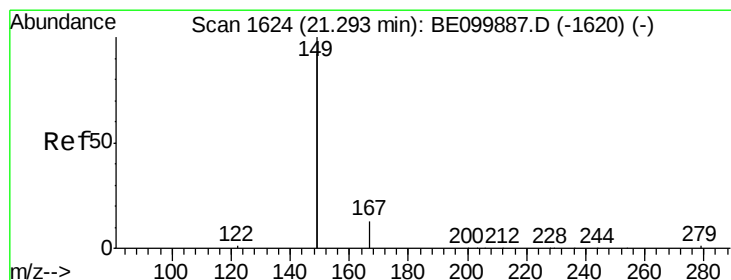
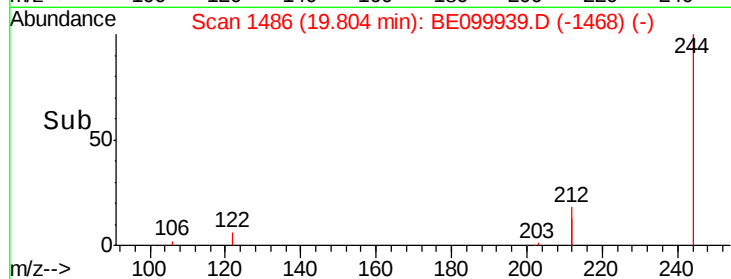
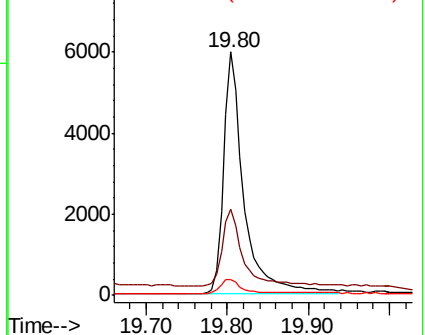
122 6.6 5.5 8.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099939.D

Acq: 12 Jun 2019 00:10

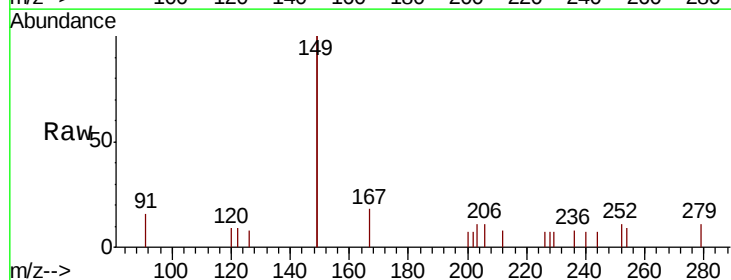
Tgt Ion:149 Resp: 1592

Ion Ratio Lower Upper

149 100

167 8.1 5.9 8.9

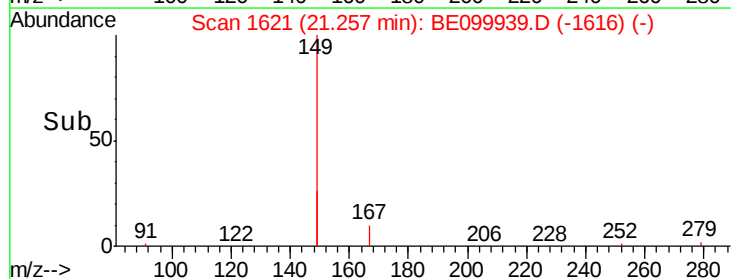
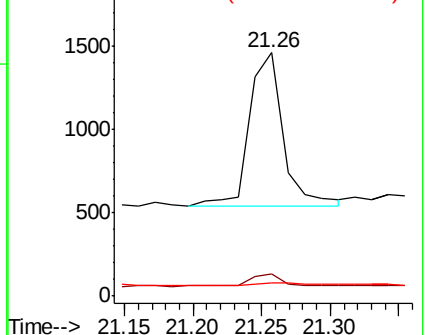
279 3.0 1.2 1.8#

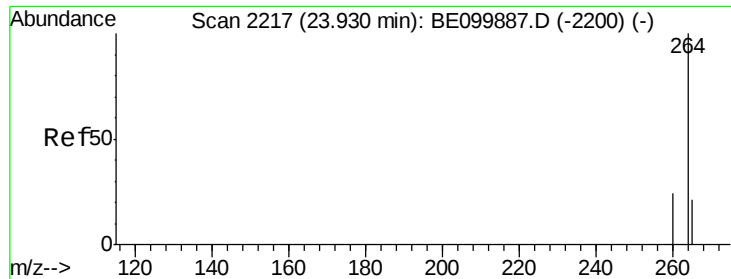


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.86 min Scan# 2196

Delta R.T. -0.07 min

Lab File: BE099939.D

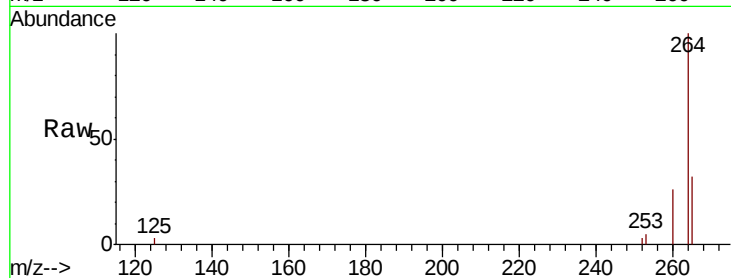
Acq: 12 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190604



Tgt Ion: 264 Resp: 10451

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 32.5 22.0 33.0

