

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099250.D
 Acq On : 29 Mar 2019 12:05
 Operator : JU/SJ
 Sample : PB118350BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118350BL

Quant Time: Mar 29 22:54:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

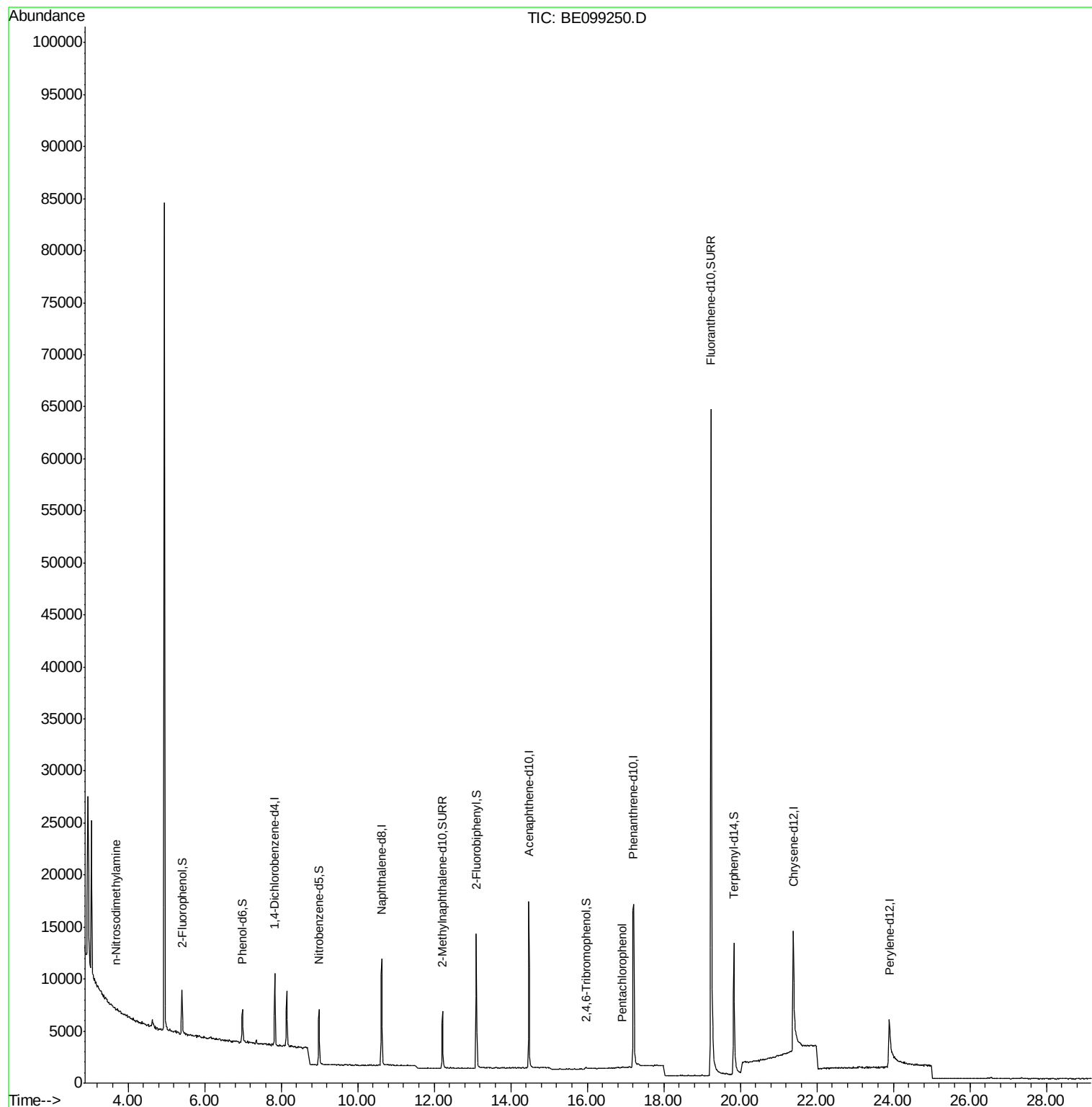
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3462	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	13604	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10098	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	29999	0.40	ng	0.00
27) Chrysene-d12	21.39	240	25958	0.40	ng	0.00
34) Perylene-d12	23.90	264	12292	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2766	0.27	ng	0.00
5) Phenol-d6	6.99	99	3698	0.23	ng	0.00
8) Nitrobenzene-d5	8.99	82	2708	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8142	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	278	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	12693	0.31	ng	0.00
25) Fluoranthene-d10	19.24	212	115325	0.32	ng	0.00
29) Terphenyl-d14	19.83	244	18123	0.32	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.69	42	87	0.034	ng	Qvalue # 1
22) Pentachlorophenol	16.92	266	29	0.249	ng	89

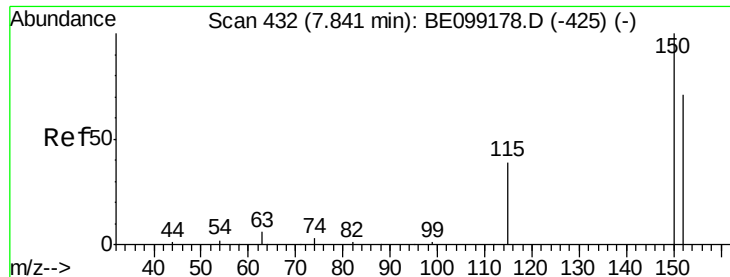
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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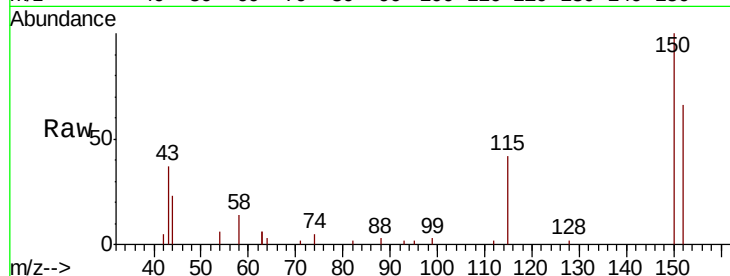


#1

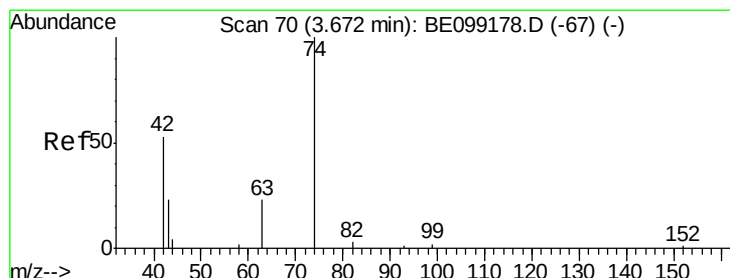
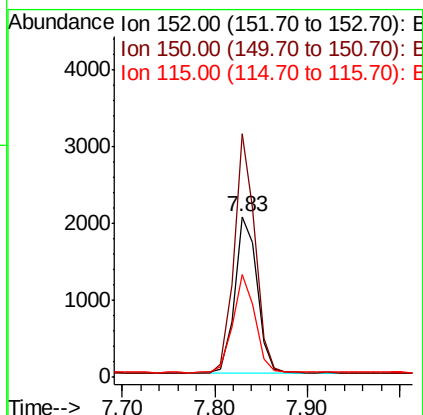
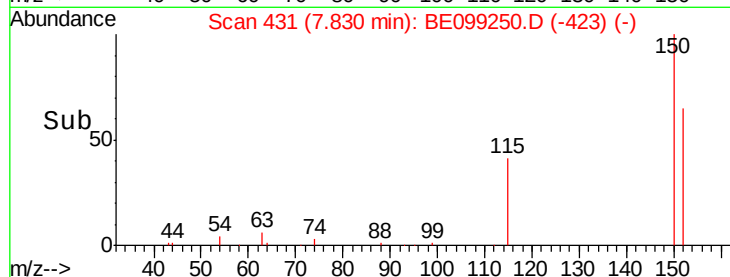
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099250.D
Acq: 29 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
PB118350BL

Tgt Ion:152 Resp: 3462
Ion Ratio Lower Upper
152 100
150 151.4 112.8 169.2
115 64.2 45.1 67.7



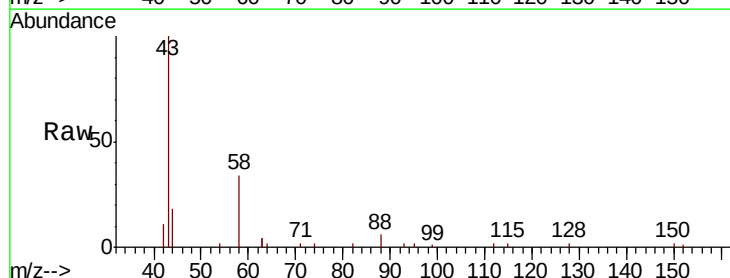
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



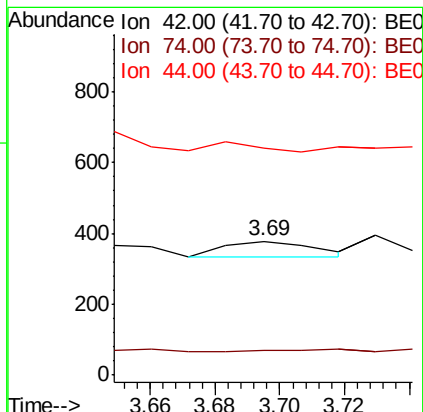
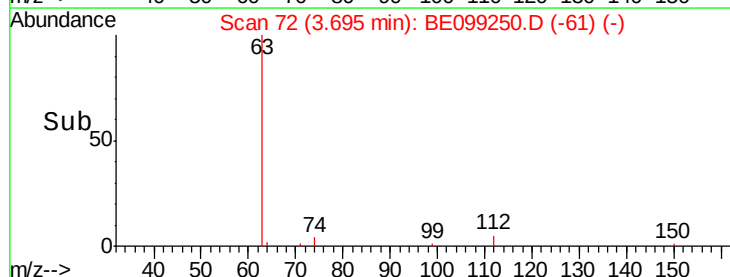
#3

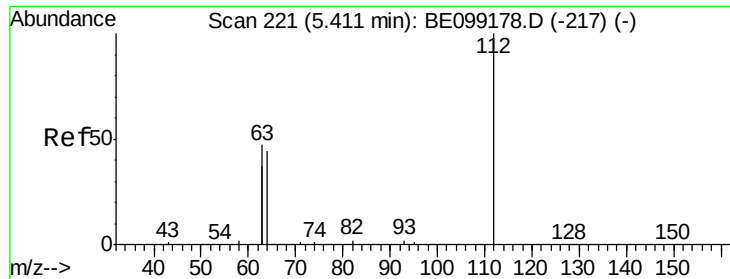
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.02 min
Lab File: BE099250.D
Acq: 29 Mar 2019 12:05

Tgt Ion: 42 Resp: 87
Ion Ratio Lower Upper
42 100
74 0.0 138.6 207.8#
44 0.0 15.0 22.6#



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: 0.268 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PB118350BL

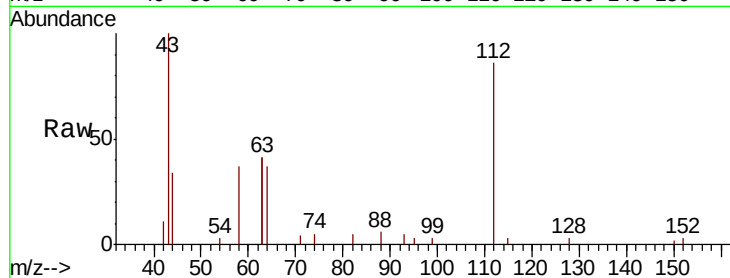
Tgt Ion: 112 Resp: 2766

Ion Ratio Lower Upper

112 100

64 56.4 46.2 69.2

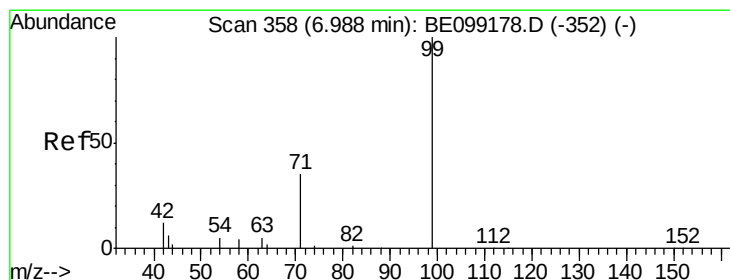
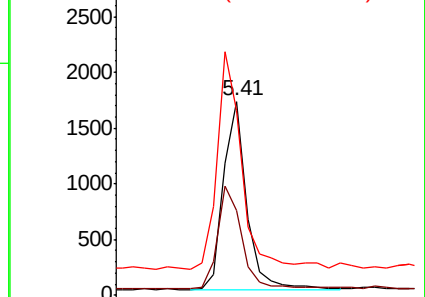
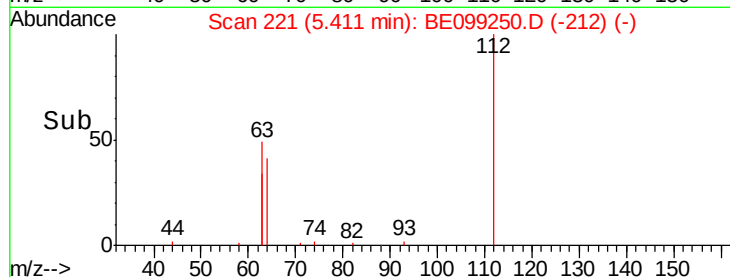
63 120.5 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.234 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

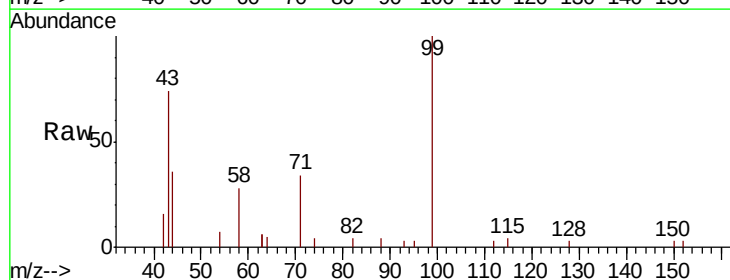
Tgt Ion: 99 Resp: 3698

Ion Ratio Lower Upper

99 100

42 13.0 12.4 18.6

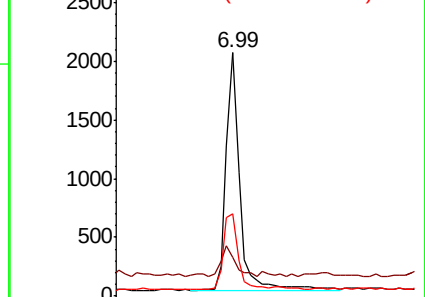
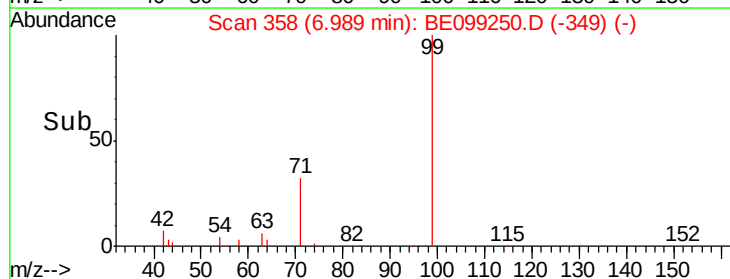
71 35.0 28.4 42.6

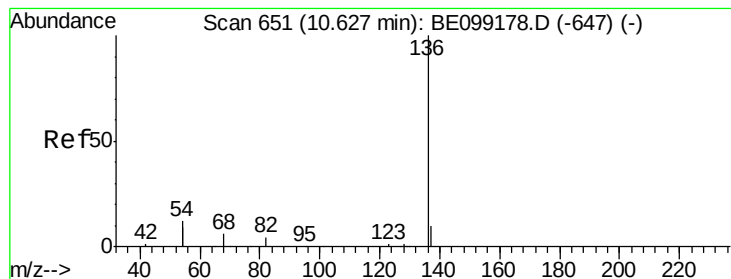


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PB118350BL

Tgt Ion:136 Resp: 13604

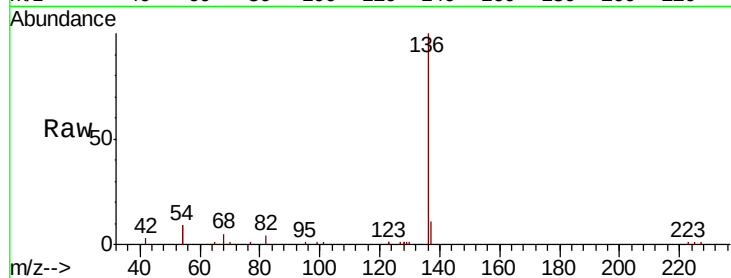
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 18.4 18.7 28.1#

68 5.1 5.2 7.8#



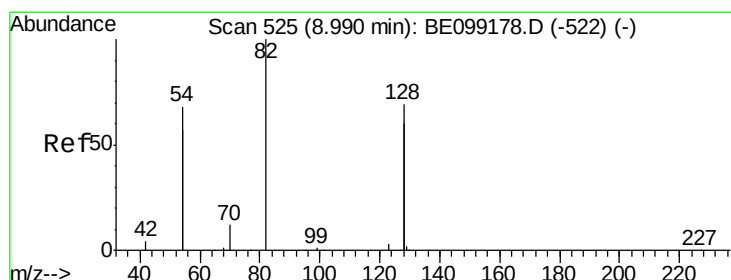
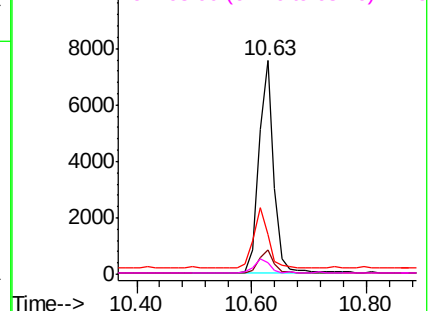
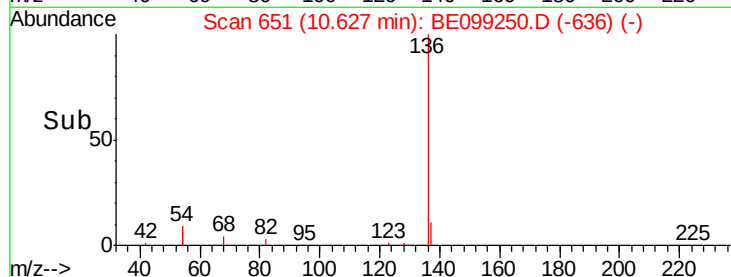
Abundance

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: 0.244 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

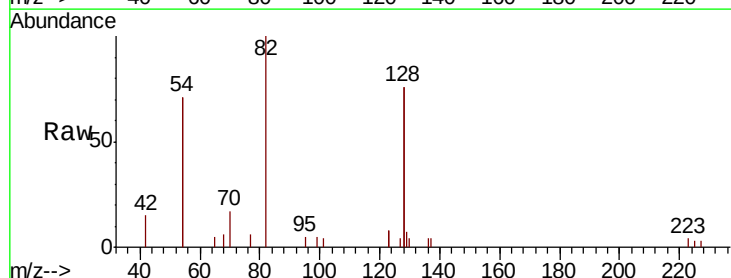
Tgt Ion: 82 Resp: 2708

Ion Ratio Lower Upper

82 100

128 151.6 107.5 161.3

54 141.7 106.3 159.5

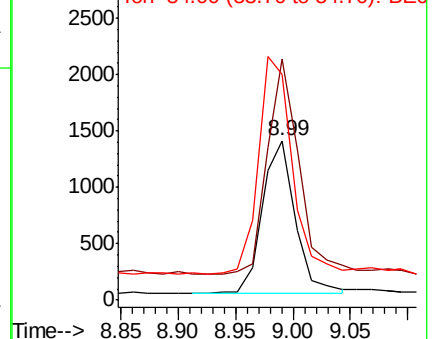
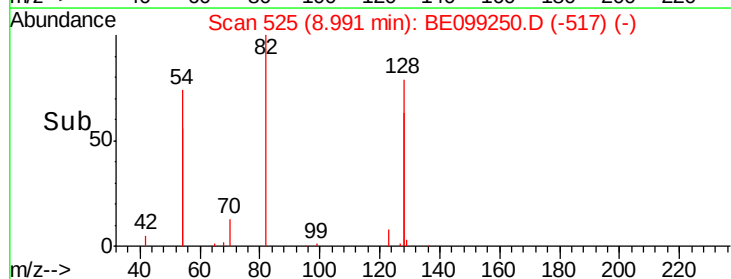


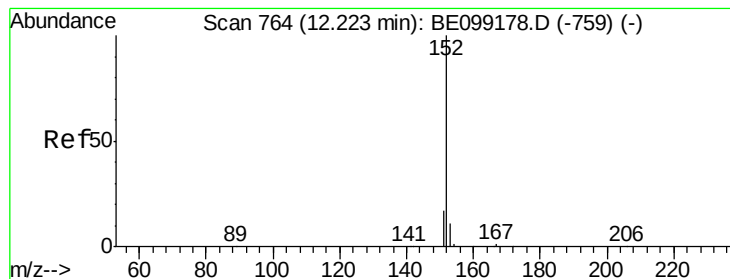
Abundance

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: 0.311 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

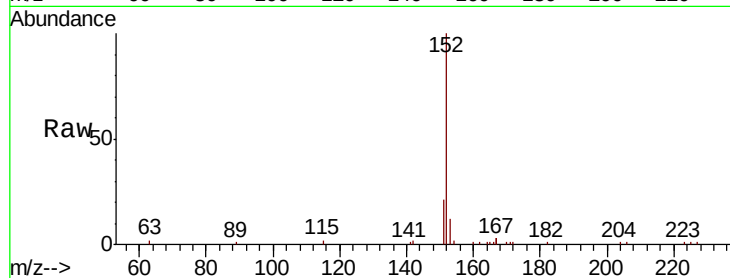
PB118350BL

Tgt Ion:152 Resp: 8142

Ion Ratio Lower Upper

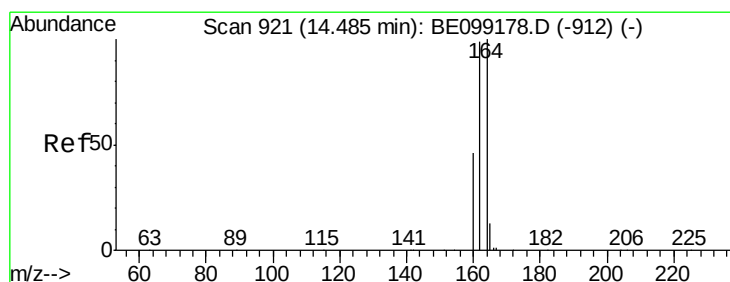
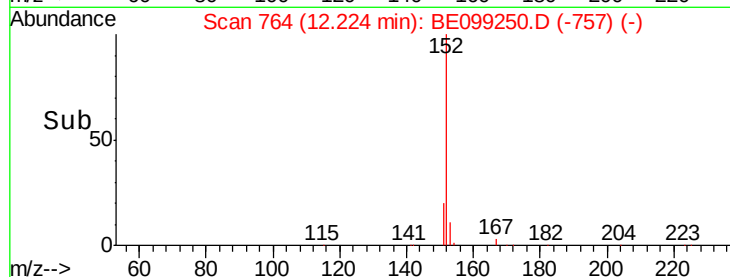
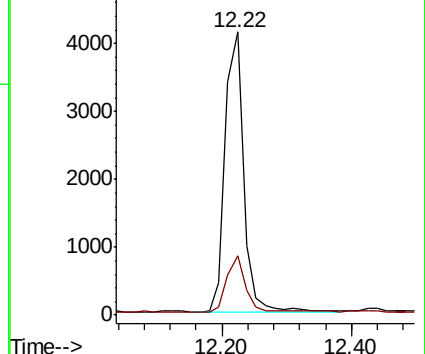
152 100

151 19.6 15.0 22.6



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: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

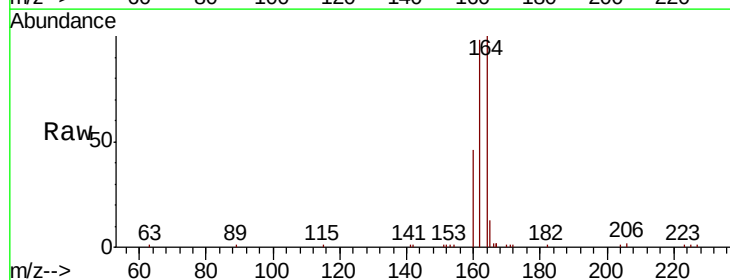
Tgt Ion:164 Resp: 10098

Ion Ratio Lower Upper

164 100

162 98.0 79.2 118.8

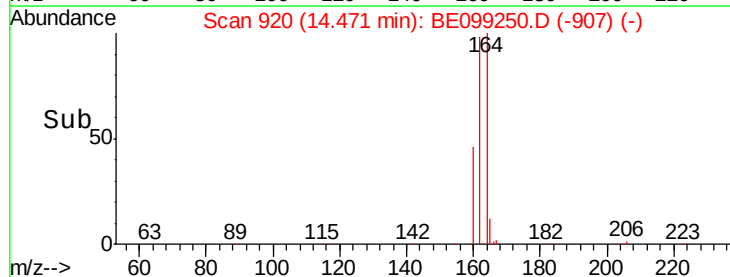
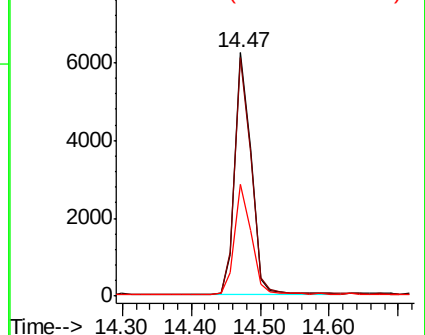
160 46.0 36.7 55.1

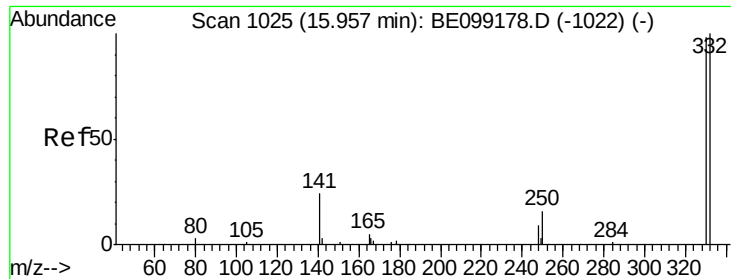


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

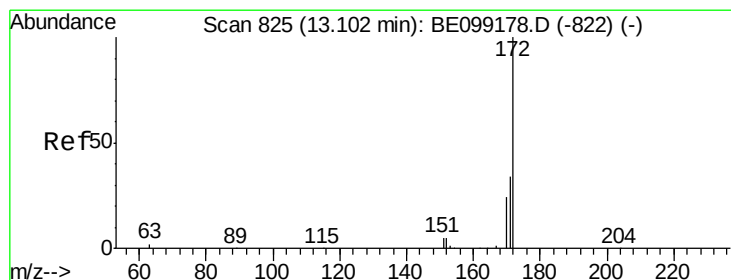
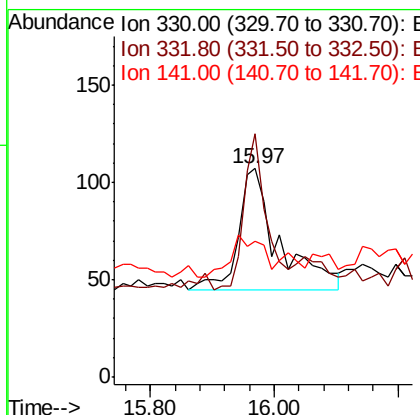
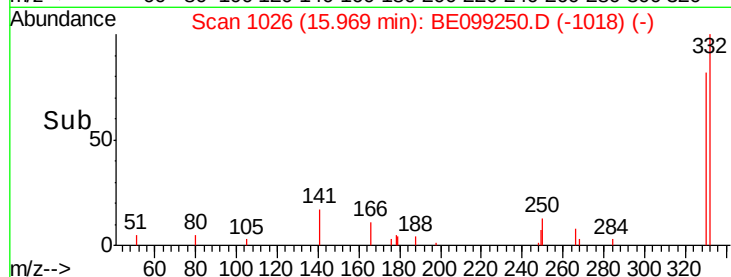
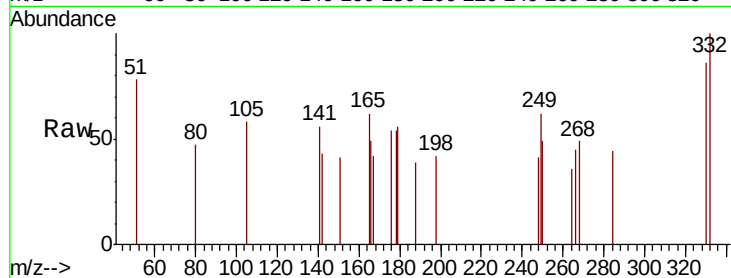




#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BE099250.D
 Acq: 29 Mar 2019 12:05

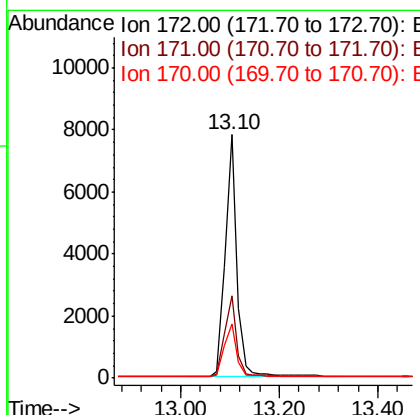
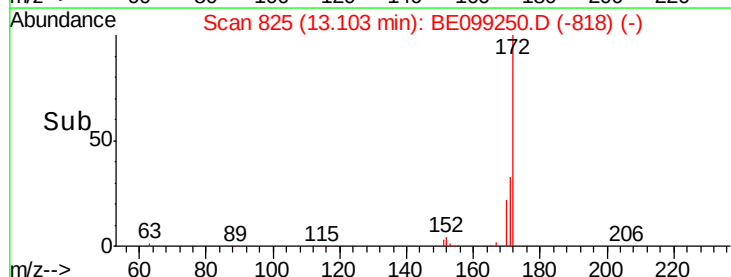
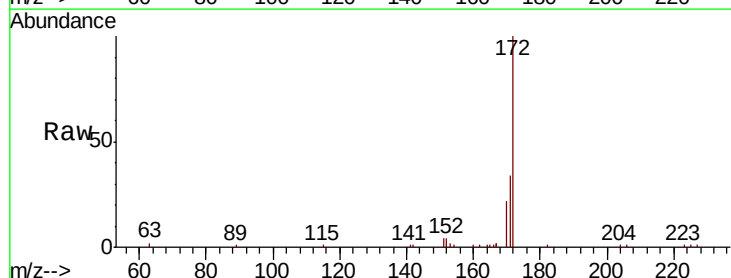
Instrument :
 BNA_E
 ClientSampleId :
 PB118350BL

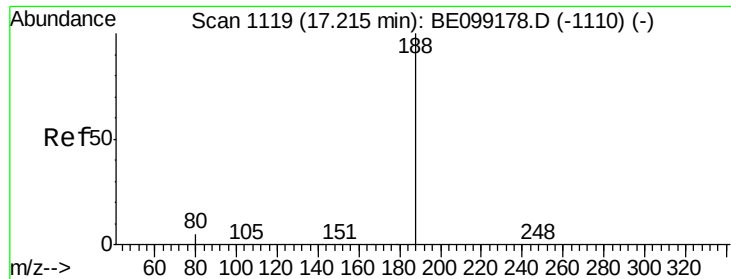
Tgt Ion: 330 Resp: 278
 Ion Ratio Lower Upper
 330 100
 332 72.7 71.3 106.9
 141 0.0 21.7 32.5#



#15
 2-Fluorobiphenyl
 Concen: 0.308 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099250.D
 Acq: 29 Mar 2019 12:05

Tgt Ion: 172 Resp: 12693
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.4 41.0
 170 22.3 19.1 28.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PB118350BL

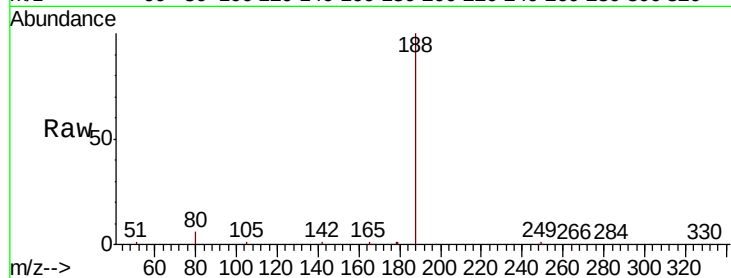
Tgt Ion:188 Resp: 29999

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

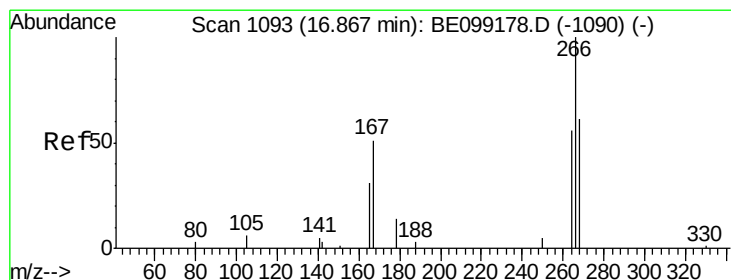
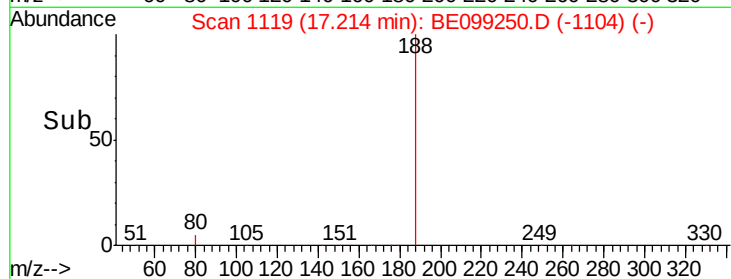
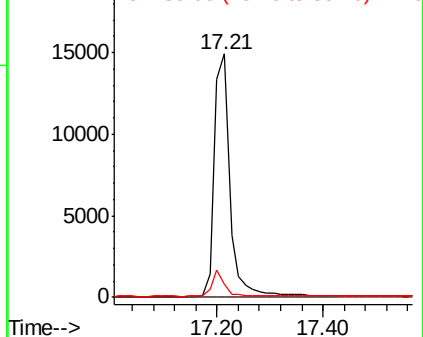
80 5.5 4.5 6.7



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: 0.249 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.05 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

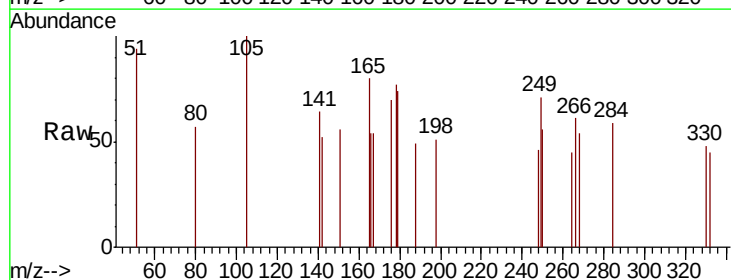
Tgt Ion:266 Resp: 29

Ion Ratio Lower Upper

266 100

264 74.2 54.4 81.6

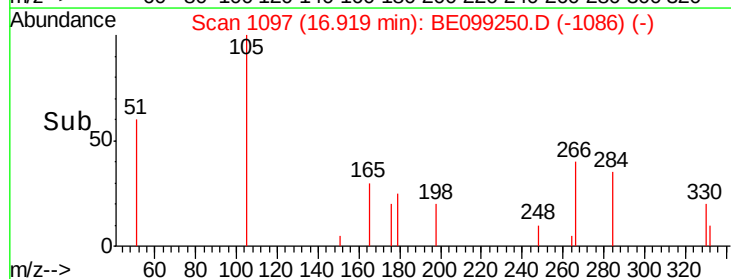
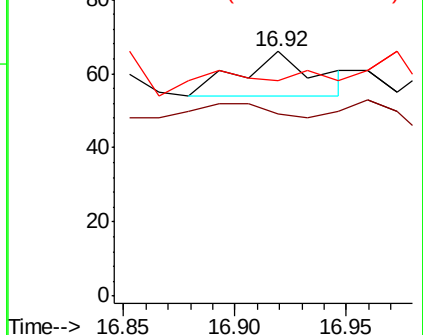
268 87.9 61.3 91.9

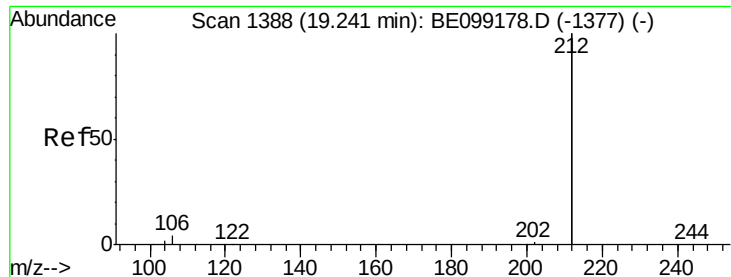


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

Instrument :

BNA_E

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PB118350BL

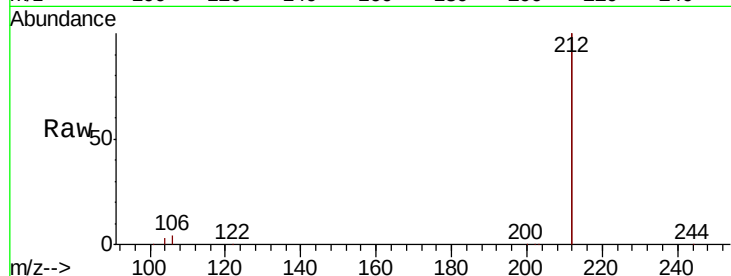
Tgt Ion:212 Resp: 115325

Ion Ratio Lower Upper

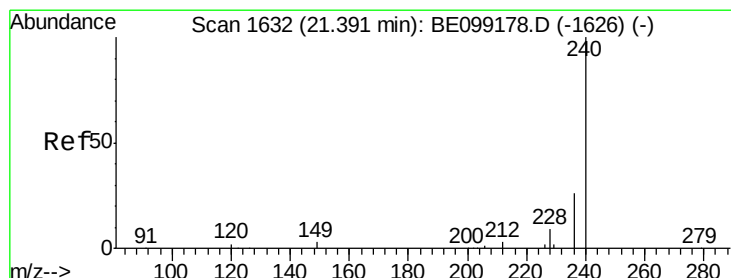
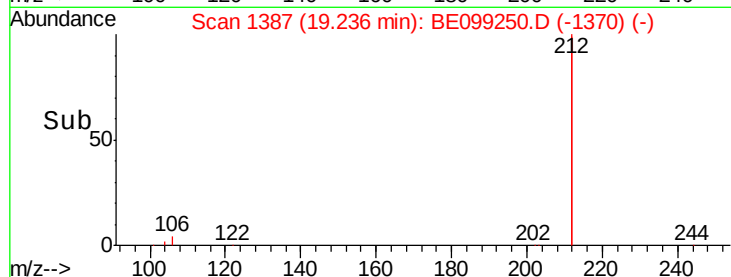
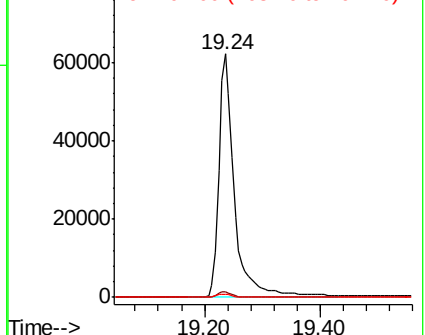
212 100

106 2.2 1.8 2.8

104 1.3 1.1 1.7



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: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

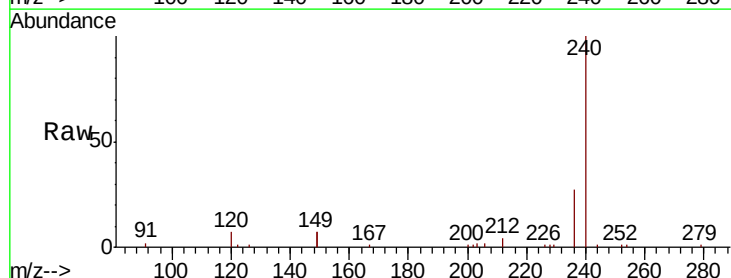
Tgt Ion:240 Resp: 25958

Ion Ratio Lower Upper

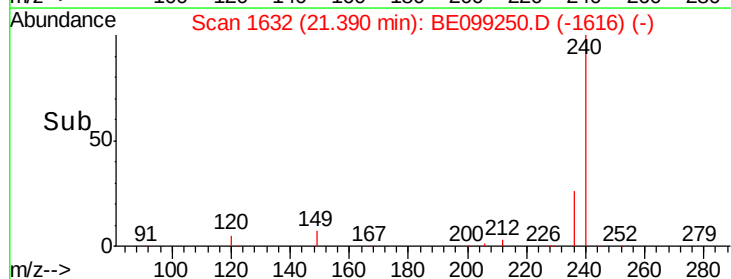
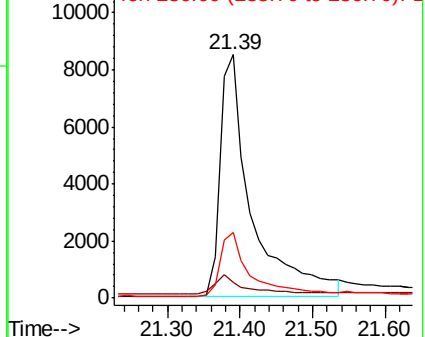
240 100

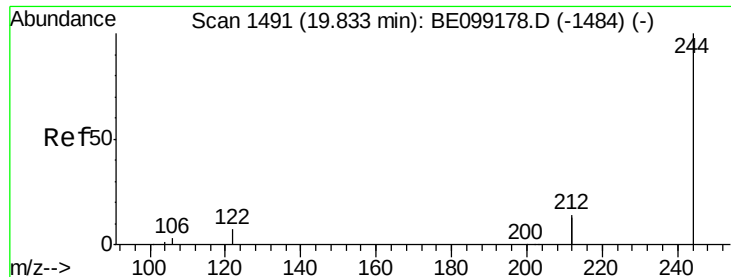
120 6.7 2.6 3.8#

236 27.0 20.9 31.3



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: 0.321 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

Instrument :

BNA_E

ClientSampleId :

PB118350BL

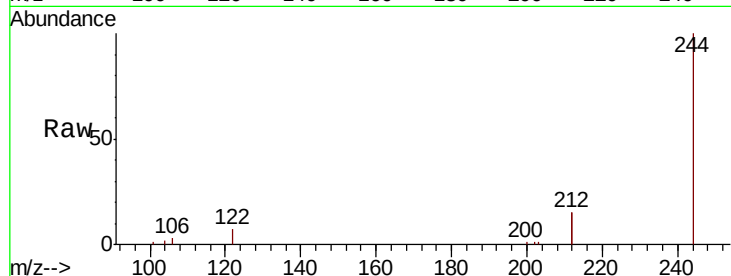
Tgt Ion:244 Resp: 18123

Ion Ratio Lower Upper

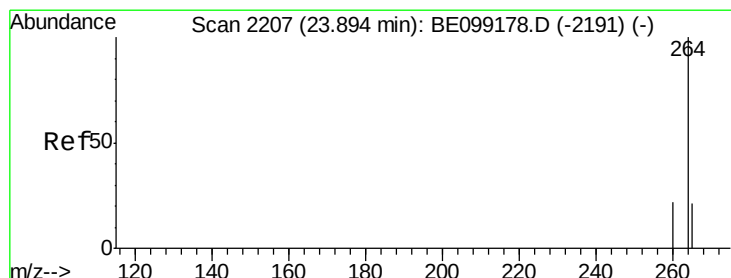
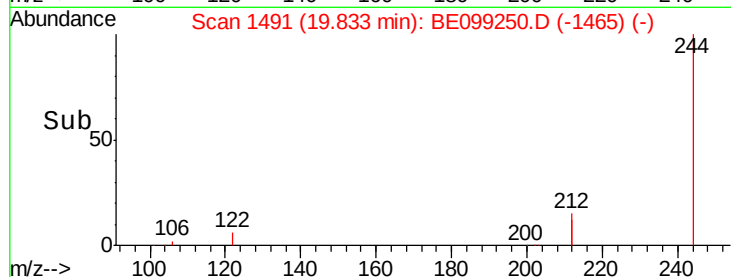
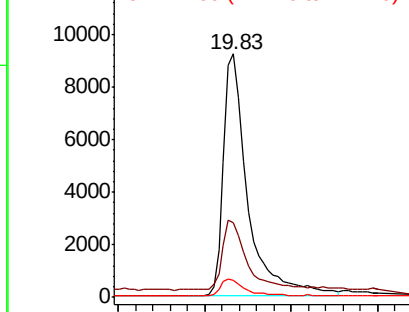
244 100

212 30.6 22.7 34.1

122 7.1 5.8 8.6



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: 23.90 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE099250.D

Acq: 29 Mar 2019 12:05

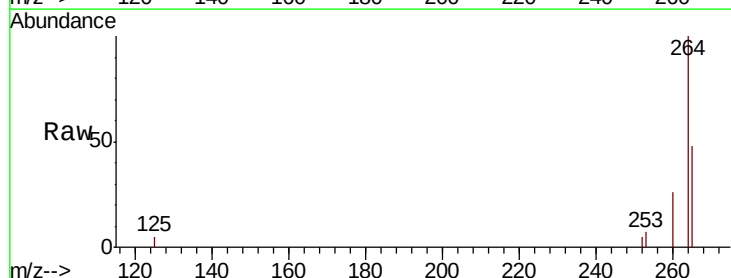
Tgt Ion:264 Resp: 12292

Ion Ratio Lower Upper

264 100

260 26.0 18.2 27.2

265 48.0 21.8 32.8#



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

