

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099990.D
 Acq On : 13 Jun 2019 15:23
 Operator : JU/SJ
 Sample : K3255-21DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190605DL

Quant Time: Jun 14 03:24:53 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

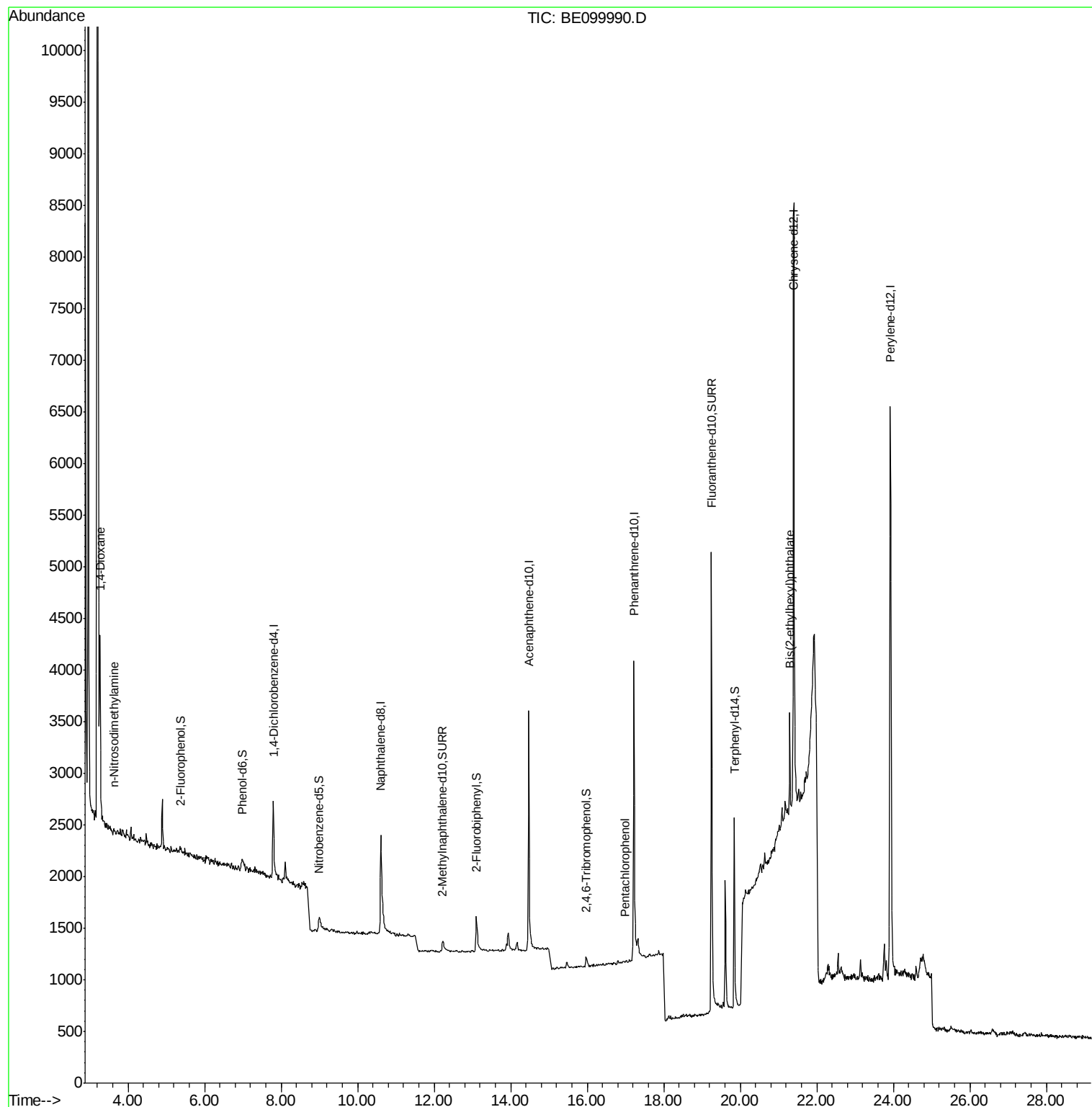
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	549	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2052	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1720	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5586	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8259	0.40	ng	0.00
34) Perylene-d12	23.92	264	9629	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	57	0.04	ng	0.00
5) Phenol-d6	6.98	99	264	0.14	ng	0.00
8) Nitrobenzene-d5	8.99	82	171	0.09	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	297	0.08	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	122	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	650	0.10	ng	0.00
25) Fluoranthene-d10	19.25	212	7251	0.09	ng	0.00
29) Terphenyl-d14	19.84	244	2110	0.14	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	1374	1.691	ng	93
3) n-Nitrosodimethylamine	3.64	42	24	0.051	ng	# 100
22) Pentachlorophenol	16.99	266	8	0.305	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1071	0.030	ng	# 98

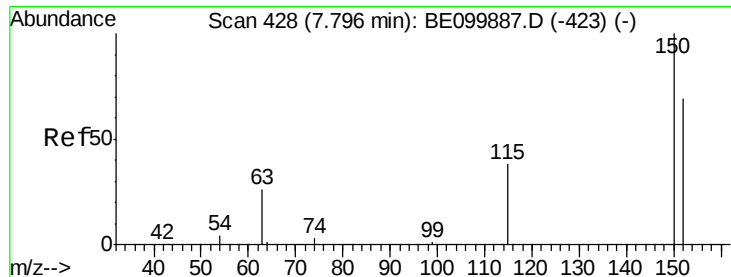
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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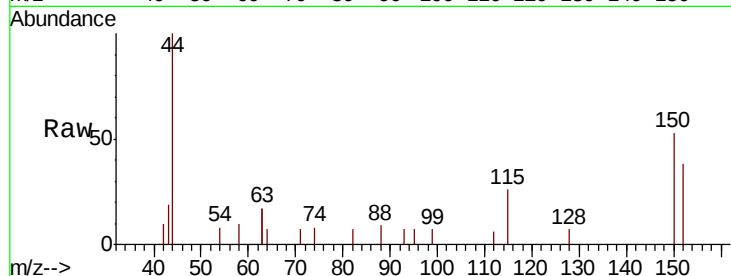


#1

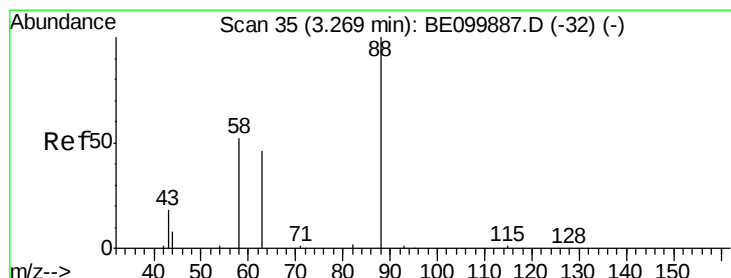
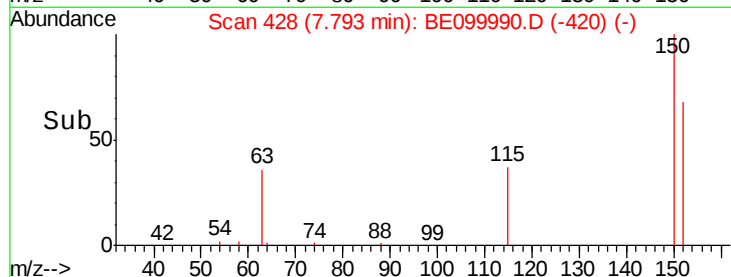
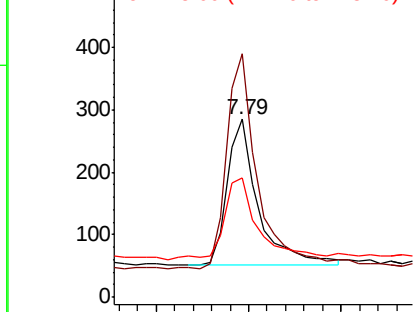
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099990.D
Acq: 13 Jun 2019 15:23

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190605DL

Tgt Ion: 152 Resp: 549
Ion Ratio Lower Upper
152 100
150 136.8 111.0 166.6
115 67.4 50.7 76.1



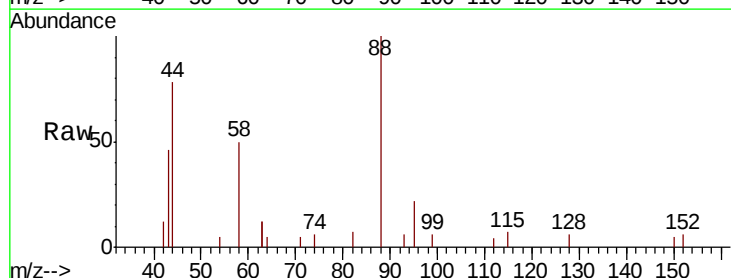
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



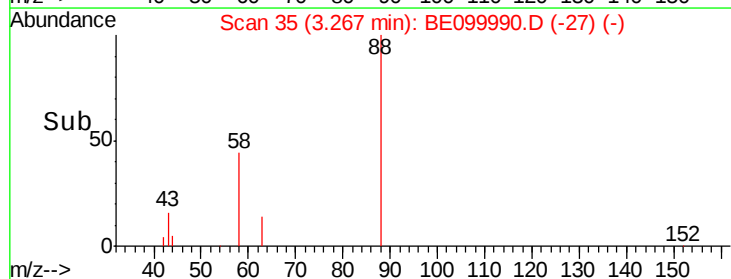
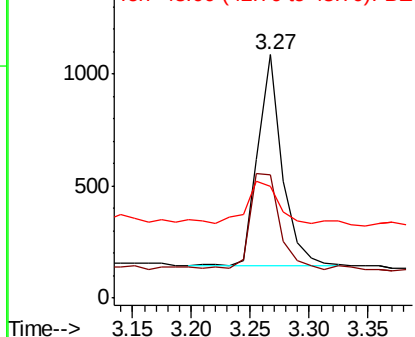
#2

1,4-Dioxane
Concen: 1.691 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099990.D
Acq: 13 Jun 2019 15:23

Tgt Ion: 88 Resp: 1374
Ion Ratio Lower Upper
88 100
58 54.7 48.8 73.2
43 26.0 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: 0.051 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605DL

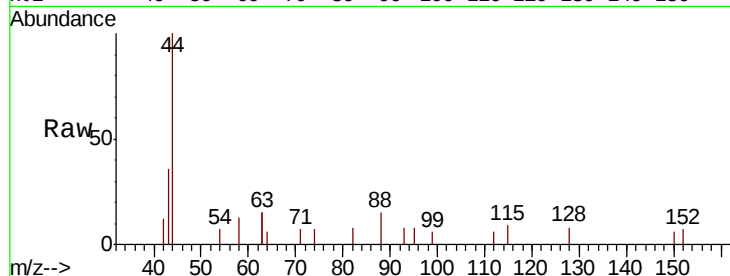
Tgt Ion: 42 Resp: 24

Ion Ratio Lower Upper

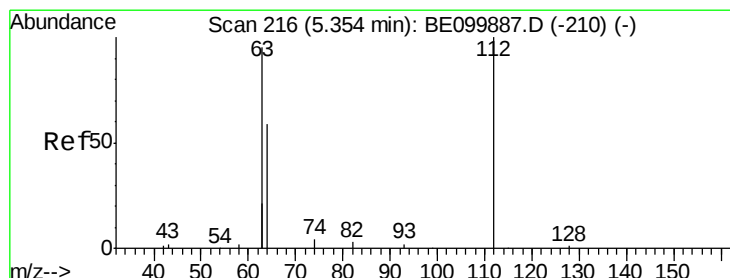
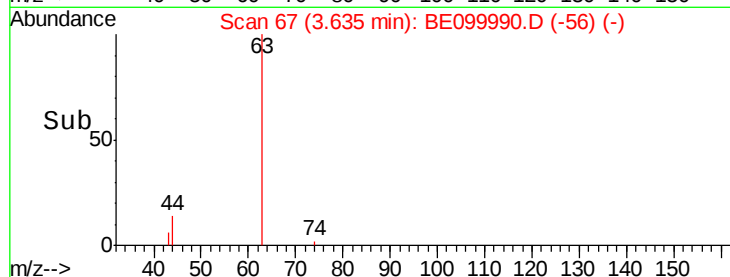
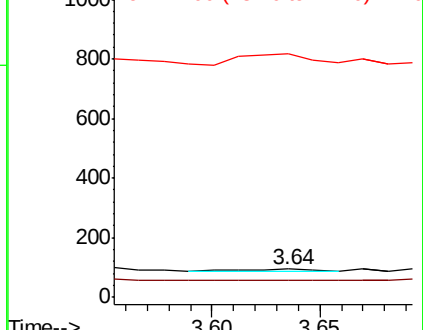
42 100

74 16.7 0.0 0.0#

44 375.0 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: 0.038 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

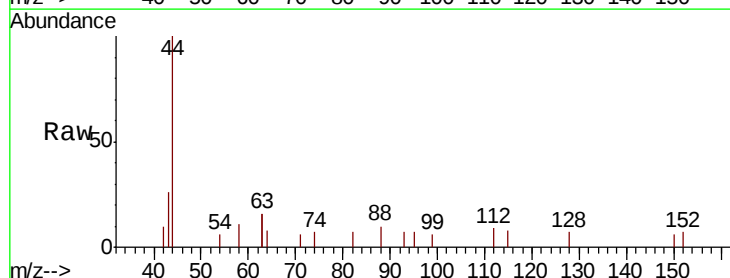
Tgt Ion: 112 Resp: 57

Ion Ratio Lower Upper

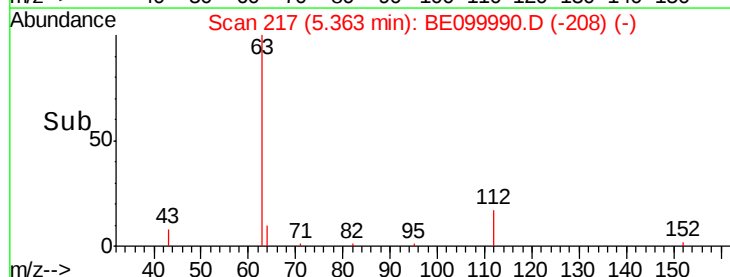
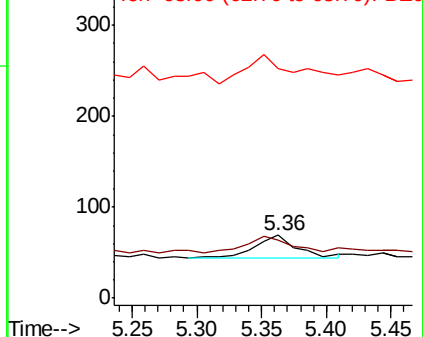
112 100

64 73.7 44.1 66.1#

63 152.6 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: 0.138 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605DL

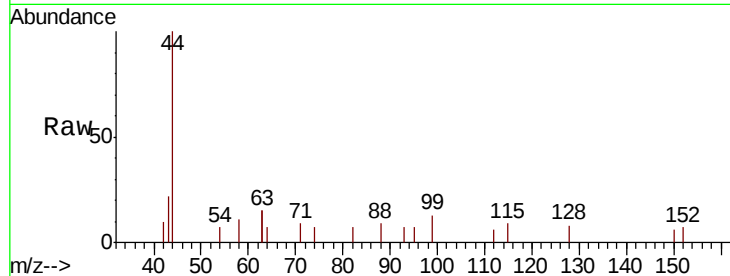
Tgt Ion: 99 Resp: 264

Ion Ratio Lower Upper

99 100

42 32.6 15.9 23.9#

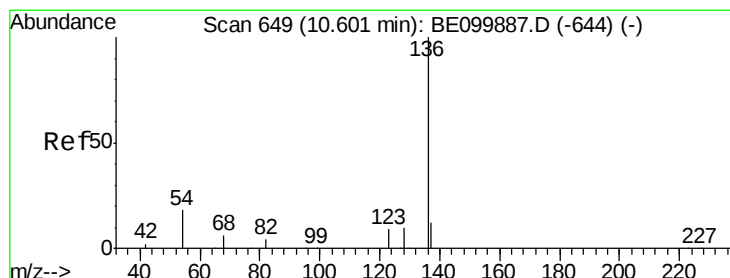
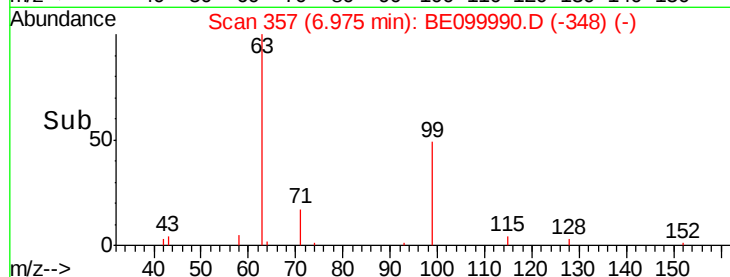
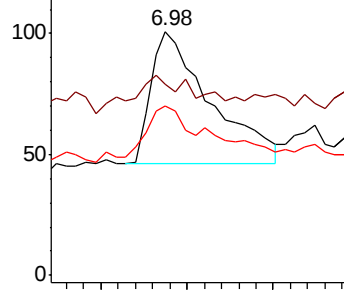
71 50.4 34.6 52.0



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Tgt Ion: 136 Resp: 2052

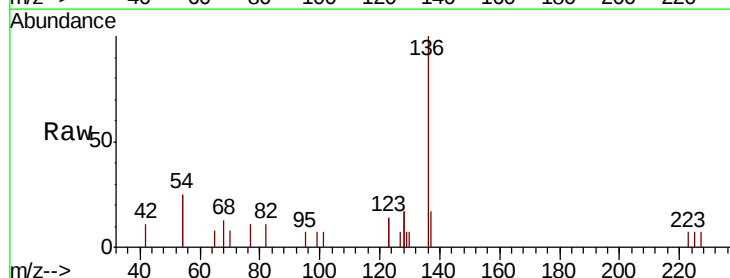
Ion Ratio Lower Upper

136 100

137 17.1 12.3 18.5

54 50.6 28.2 42.4#

68 12.6 7.8 11.8#

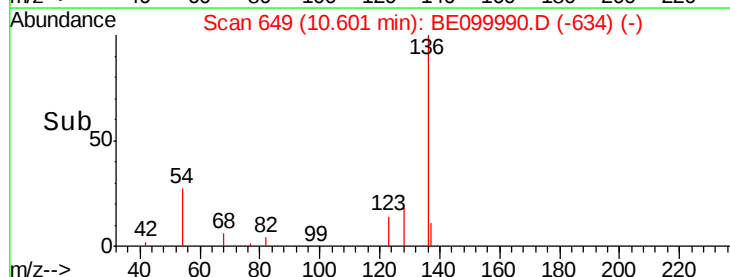
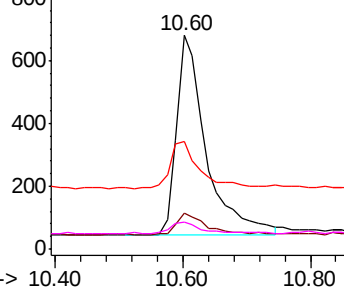


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.088 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605DL

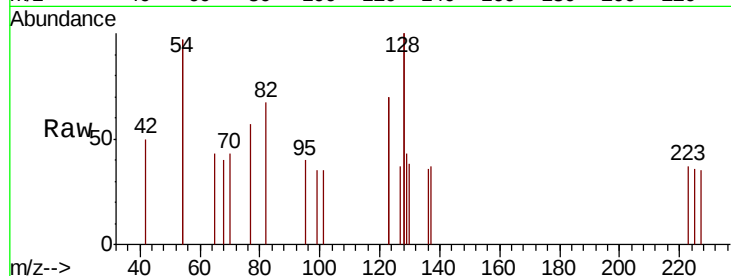
Tgt Ion: 82 Resp: 171

Ion Ratio Lower Upper

82 100

128 296.6 137.3 205.9#

54 287.4 129.7 194.5#



Abundance Ion 82.00 (81.70 to 82.70): BE099990.D (-515) (-)

Ion 128.00 (127.70 to 128.70): BE099990.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BE099990.D (-515) (-)

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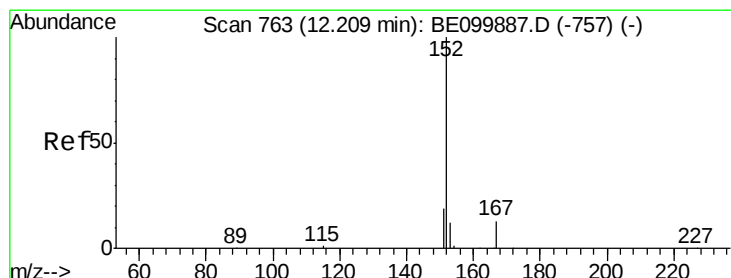
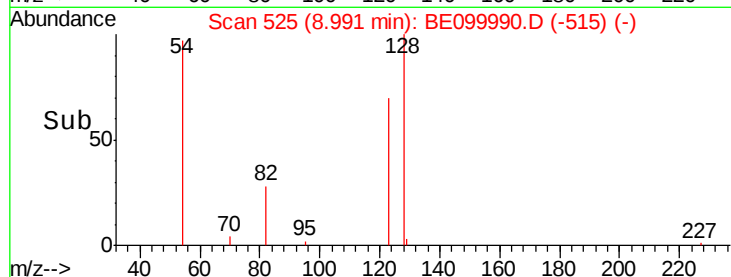
Time-->

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#11

2-Methylnaphthalene-d10

Concen: 0.083 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099990.D

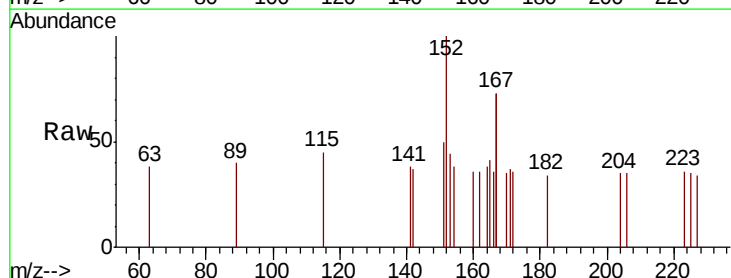
Acq: 13 Jun 2019 15:23

Tgt Ion: 152 Resp: 297

Ion Ratio Lower Upper

152 100

151 19.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BE099990.D (-756) (-)

Ion 151.00 (150.70 to 151.70): BE099990.D (-756) (-)

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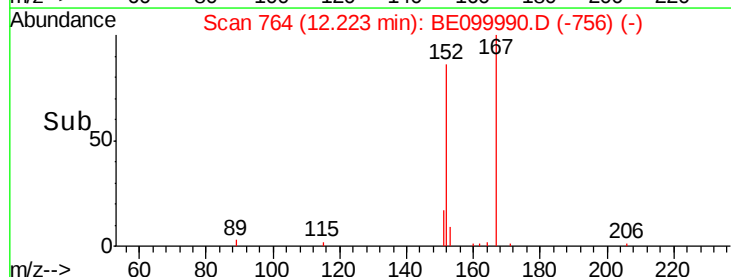
Time-->

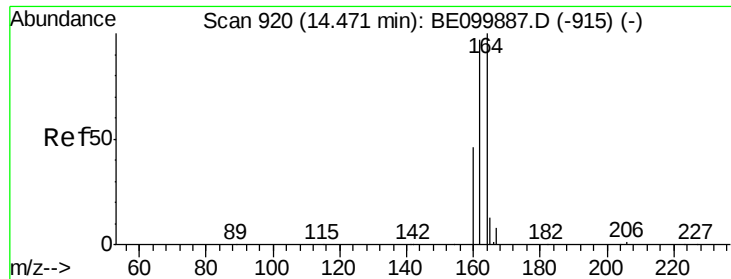
Time-->

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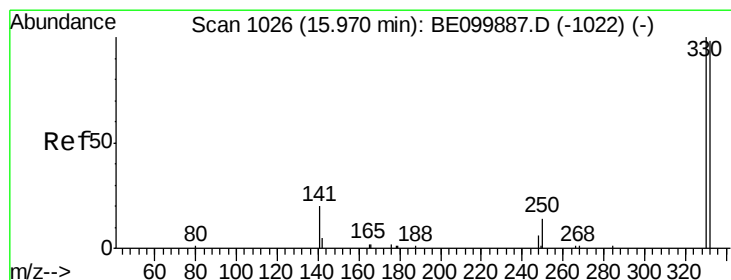
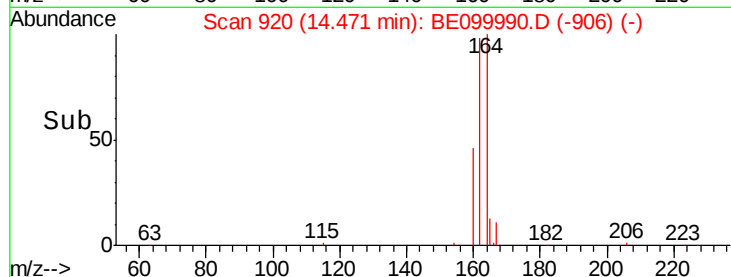
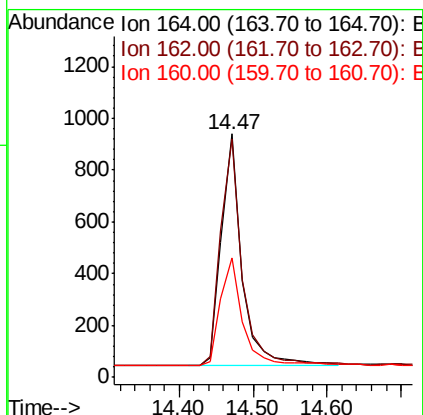
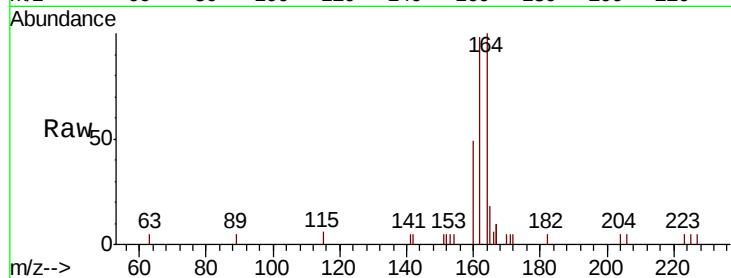




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099990.D
 Acq: 13 Jun 2019 15:23

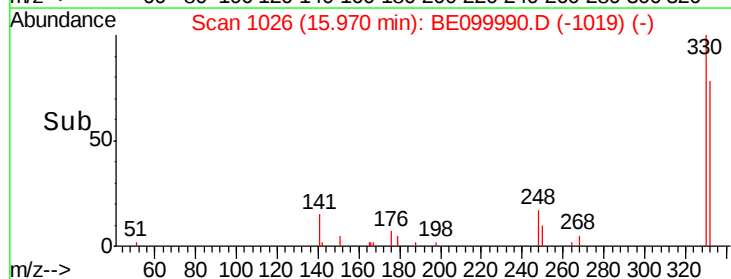
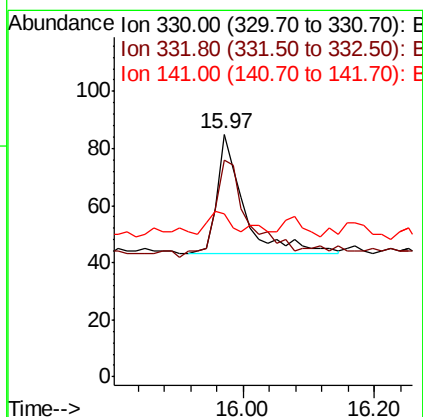
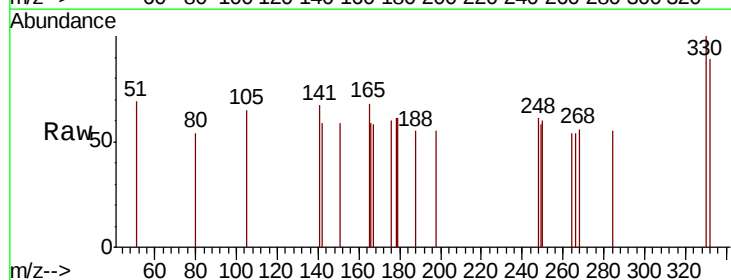
Instrument :
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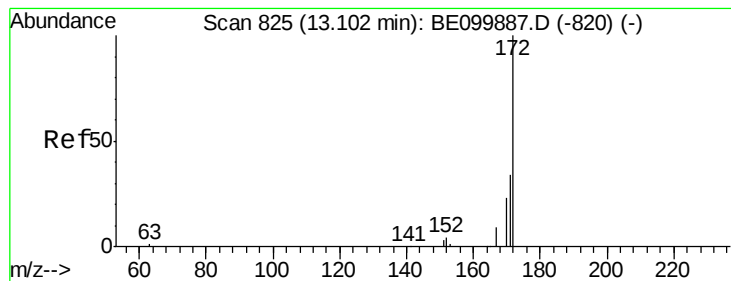
Tgt Ion:164 Resp: 1720
 Ion Ratio Lower Upper
 164 100
 162 97.9 77.8 116.8
 160 49.0 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.096 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099990.D
 Acq: 13 Jun 2019 15:23

Tgt Ion:330 Resp: 122
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.7 115.1
 141 14.8 21.0 31.6#





#15

2-Fluorobiphenyl

Concen: 0.100 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605DL

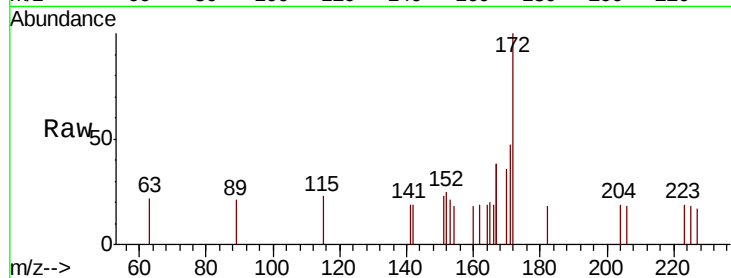
Tgt Ion:172 Resp: 650

Ion Ratio Lower Upper

172 100

171 46.6 29.2 43.8#

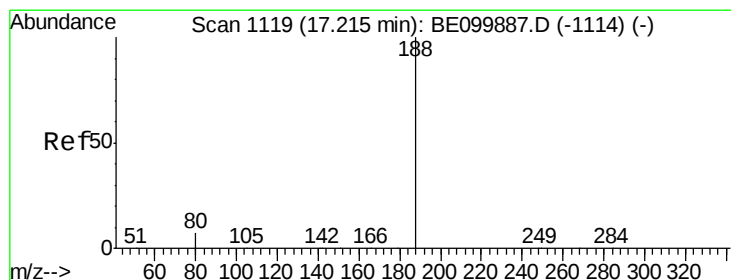
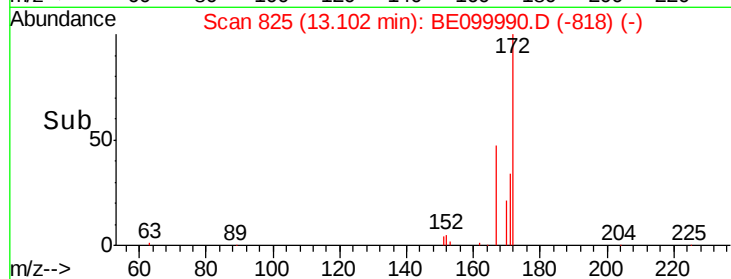
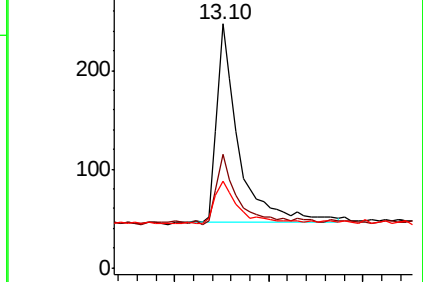
170 35.6 21.2 31.8#



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

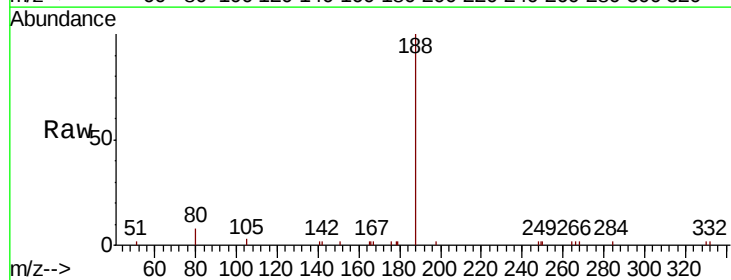
Tgt Ion:188 Resp: 5586

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

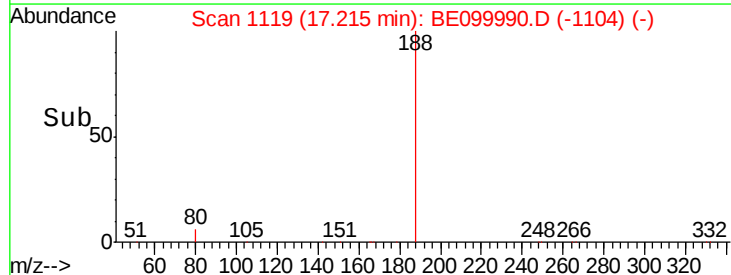
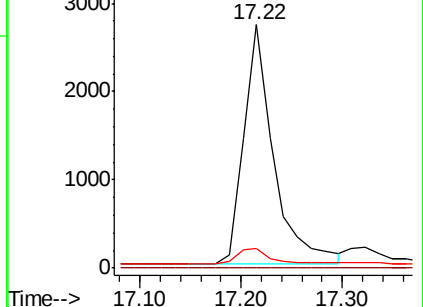
80 8.0 6.4 9.6

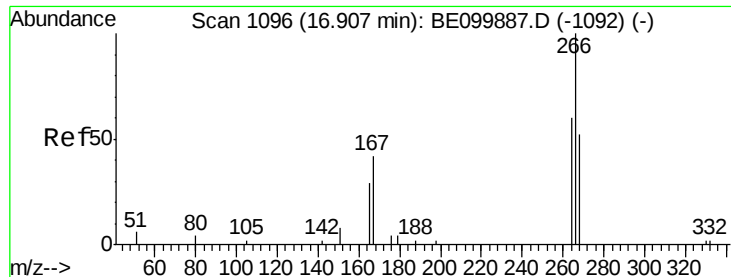


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.305 ng

RT: 16.99 min Scan# 1102

Delta R.T. 0.08 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Instrument :

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ClientSampleId :

RE103D1-20190605DL

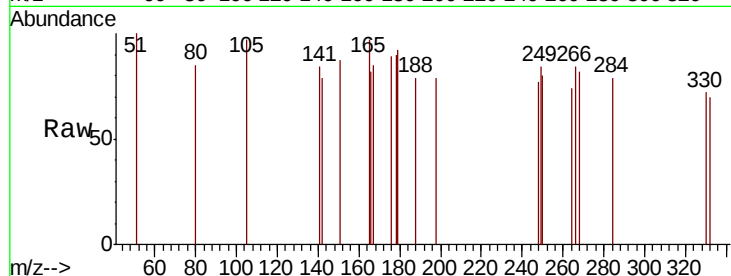
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 88.2 62.2 93.2

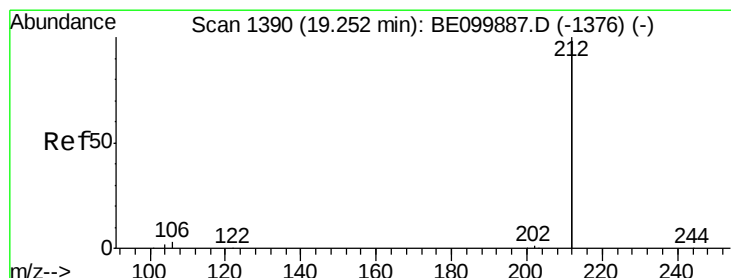
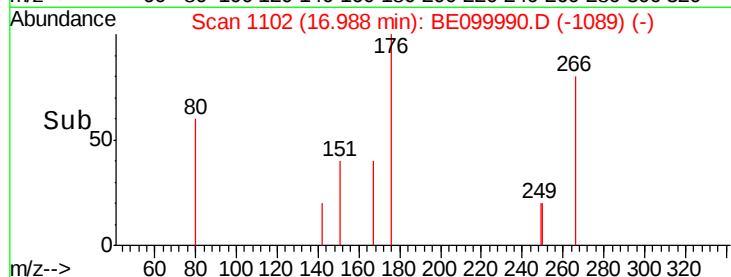
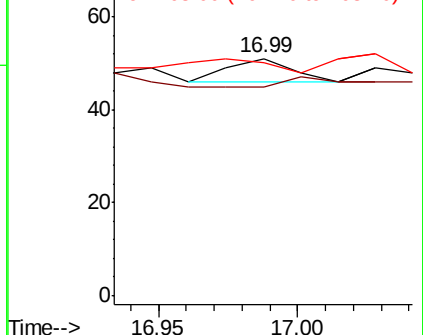
268 98.0 65.5 98.3



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: 0.089 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

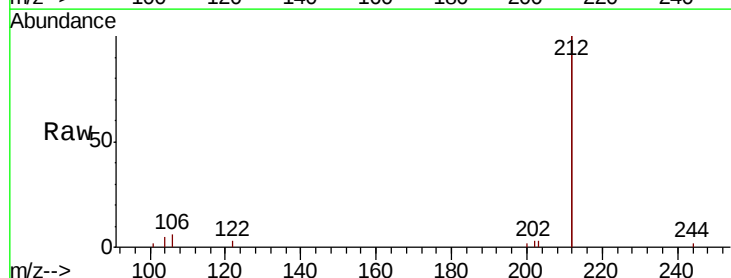
Tgt Ion:212 Resp: 7251

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

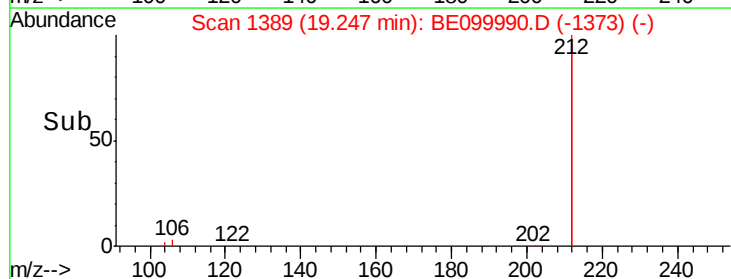
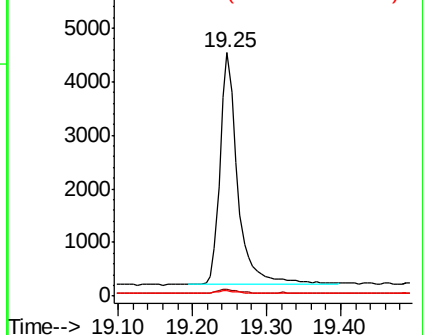
104 1.1 0.9 1.3

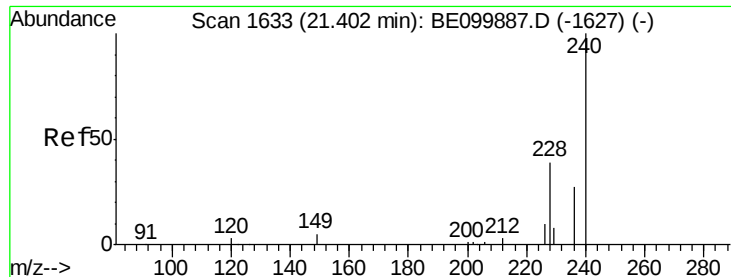


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

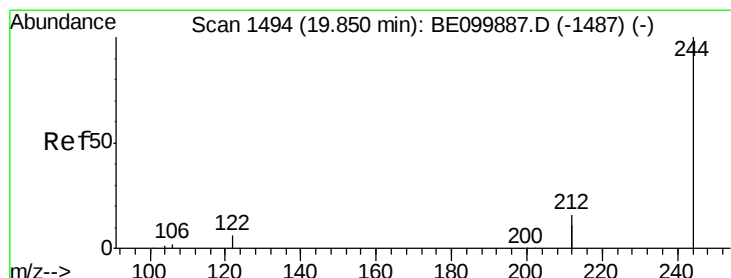
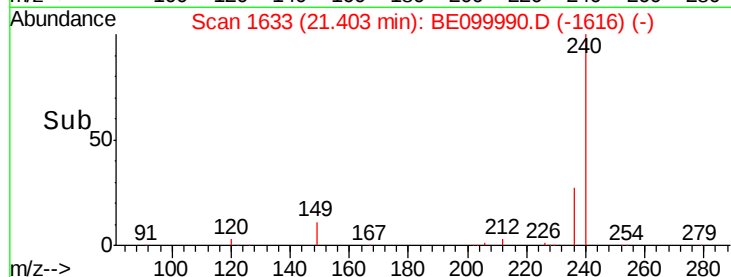
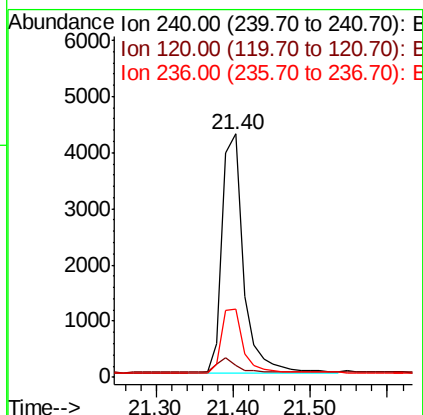
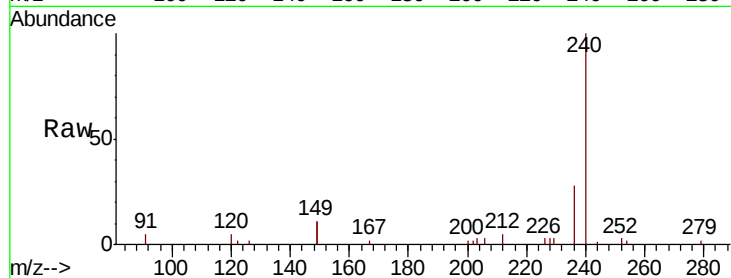




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099990.D
 Acq: 13 Jun 2019 15:23

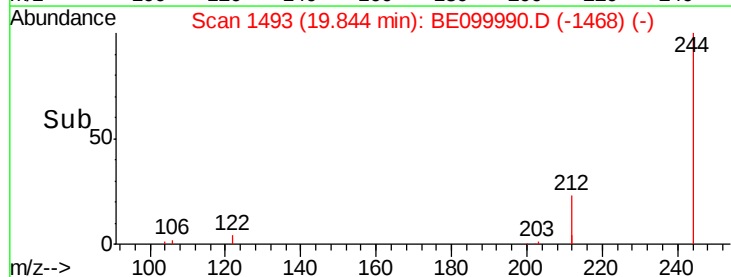
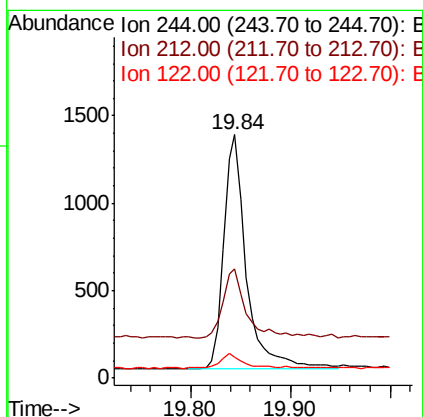
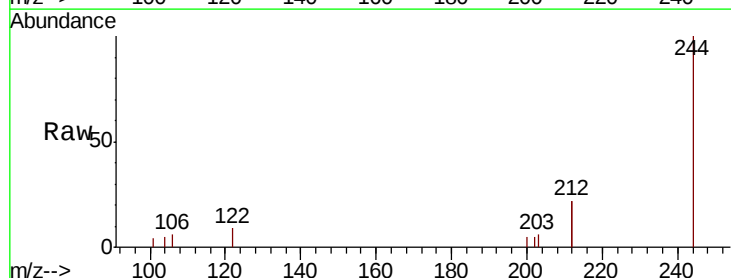
Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190605DL

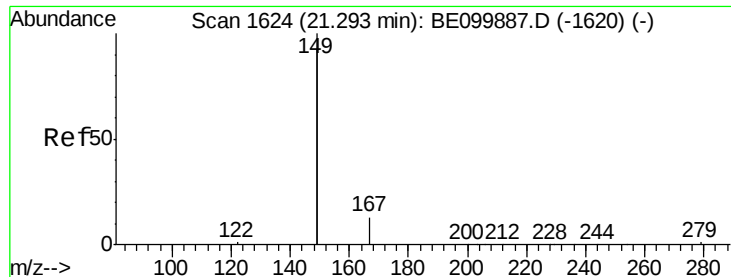
Tgt Ion:240 Resp: 8259
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.8 5.6
 236 28.2 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.142 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BE099990.D
 Acq: 13 Jun 2019 15:23

Tgt Ion:244 Resp: 2110
 Ion Ratio Lower Upper
 244 100
 212 44.8 25.7 38.5#
 122 8.6 5.5 8.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605DL

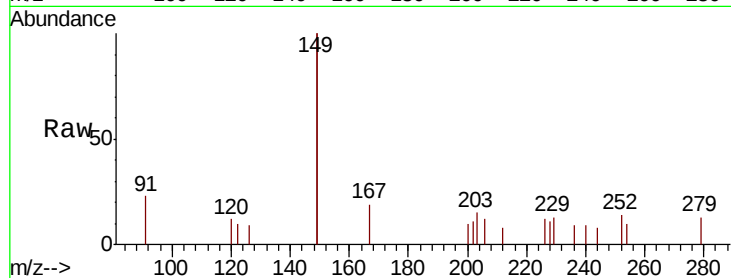
Tgt Ion:149 Resp: 1071

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

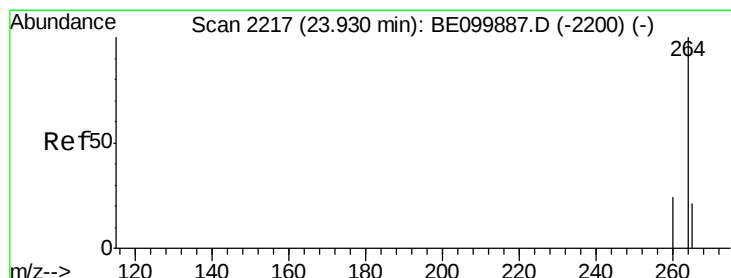
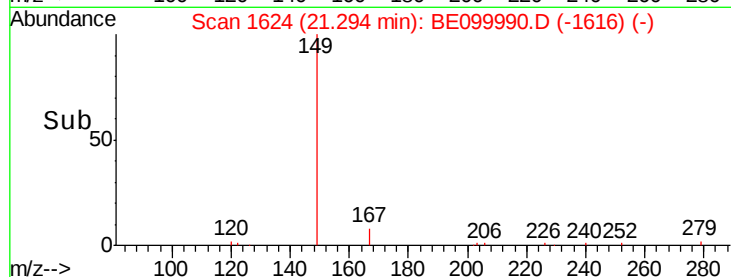
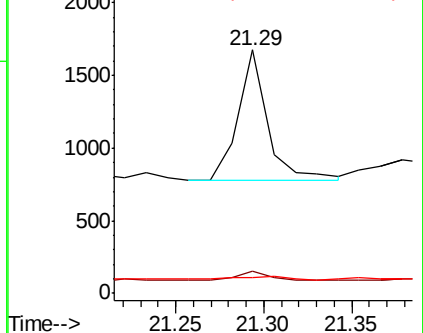
279 5.0 1.2 1.8#



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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099990.D

Acq: 13 Jun 2019 15:23

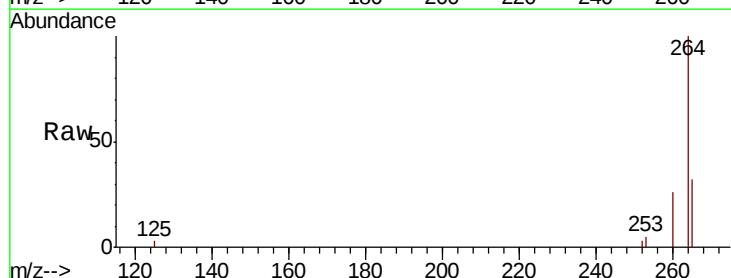
Tgt Ion:264 Resp: 9629

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 31.7 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

