

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099950.D
 Acq On : 12 Jun 2019 11:23
 Operator : JU/SJ
 Sample : K3223-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY024MW068-190605

Quant Time: Jun 13 04:08:16 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

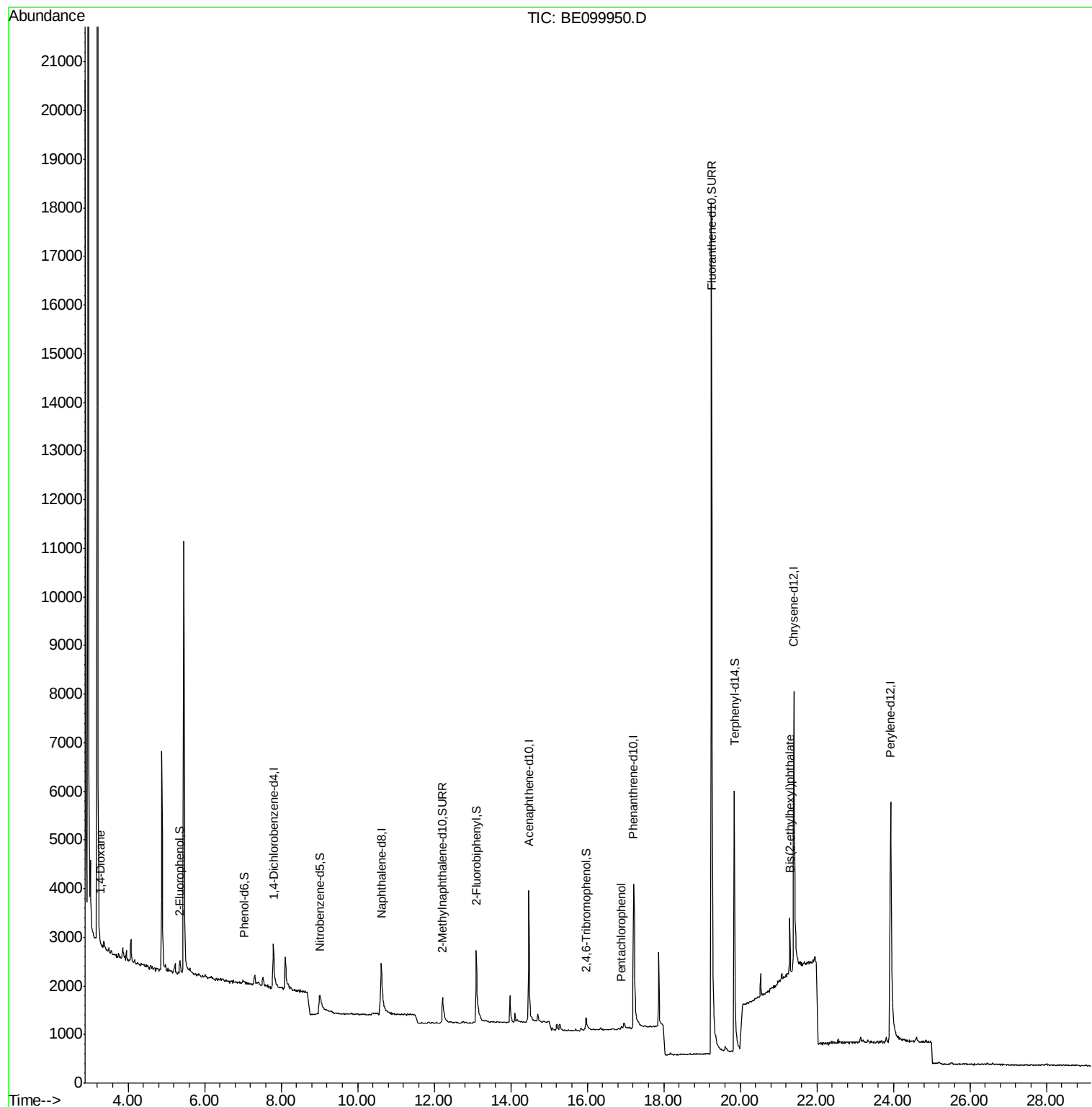
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	752	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2610	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2195	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7000	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9333	0.40	ng	0.00
34) Perylene-d12	23.93	264	10594	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	276	0.14	ng	0.00
5) Phenol-d6	7.02	99	86	0.03	ng	0.06
8) Nitrobenzene-d5	9.00	82	585	0.24	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1443	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	337	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2683	0.32	ng	0.00
25) Fluoranthene-d10	19.25	212	32389	0.32	ng	0.00
29) Terphenyl-d14	19.85	244	7260	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	30	0.027	ng	Qvalue # 50
22) Pentachlorophenol	16.89	266	79	0.340	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	1407	0.035	ng	98

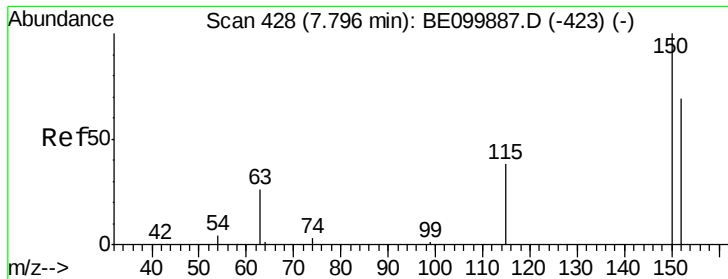
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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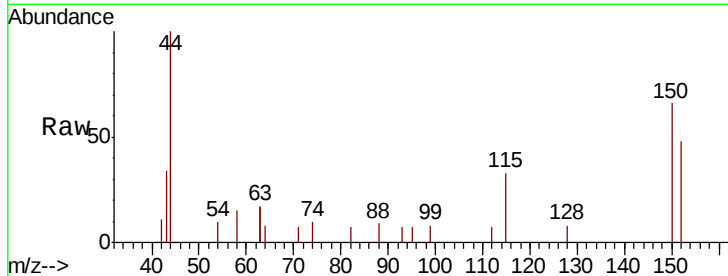


#1

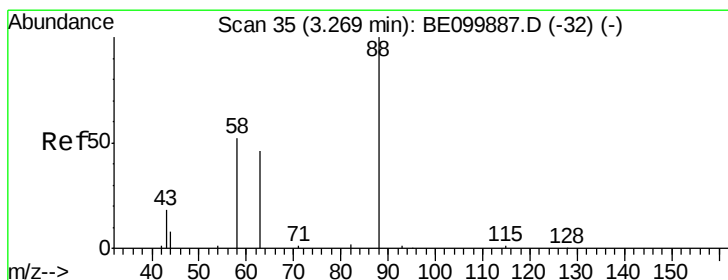
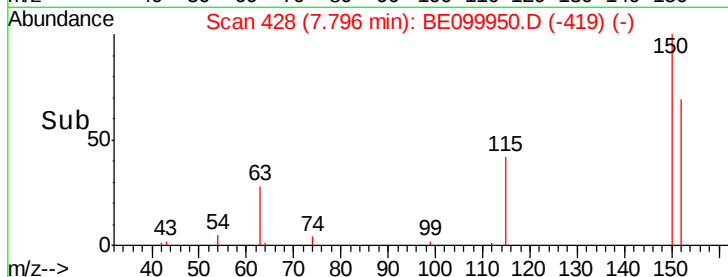
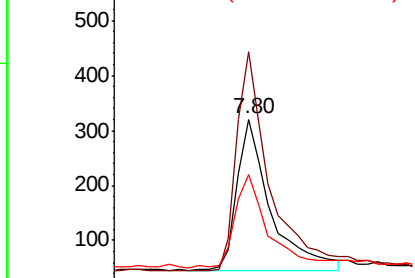
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099950.D
Acq: 12 Jun 2019 11:23

Instrument :
BNA_E
ClientSampleId :
KY024MW068-190605

Tgt Ion: 152 Resp: 752
Ion Ratio Lower Upper
152 100
150 138.0 111.0 166.6
115 68.2 50.7 76.1



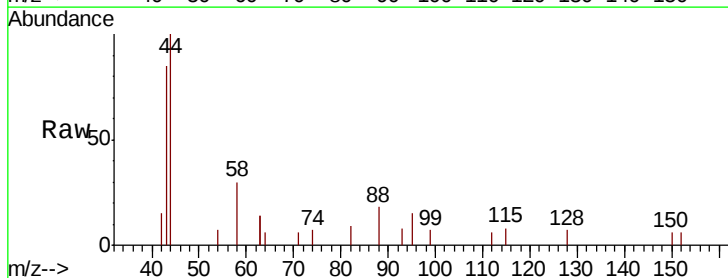
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



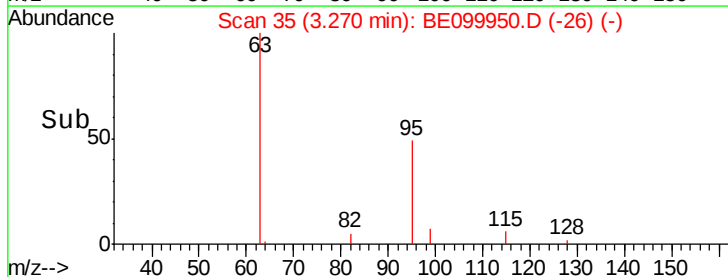
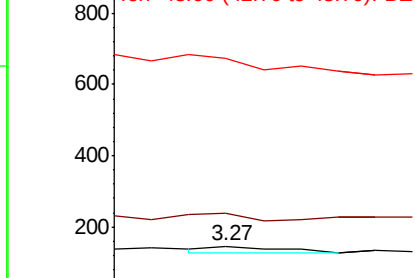
#2

1,4-Dioxane
Concen: 0.027 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099950.D
Acq: 12 Jun 2019 11:23

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 100.0 48.8 73.2#
43 0.0 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





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

Instrument :

BNA_E

ClientSampleId :

KY024MW068-190605

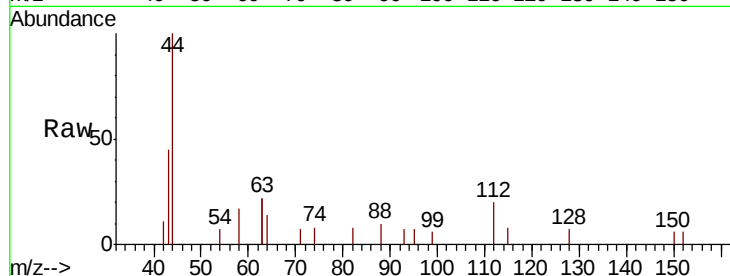
Tgt Ion: 112 Resp: 276

Ion Ratio Lower Upper

112 100

64 50.7 44.1 66.1

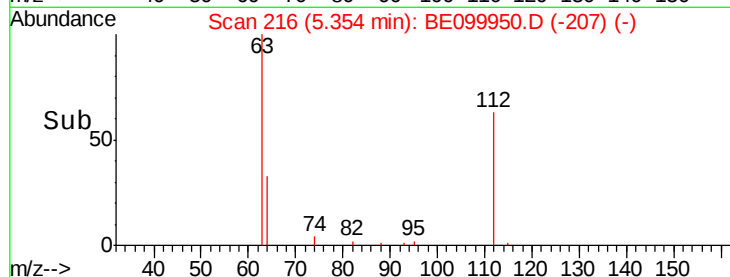
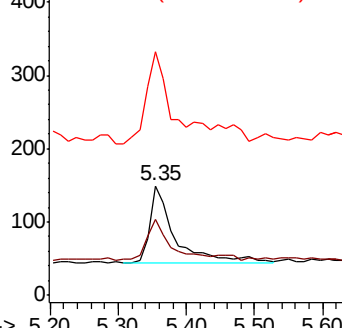
63 124.3 87.8 131.6



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: 0.033 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.06 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

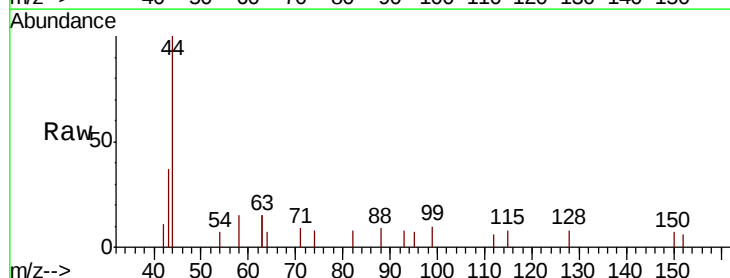
Tgt Ion: 99 Resp: 86

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

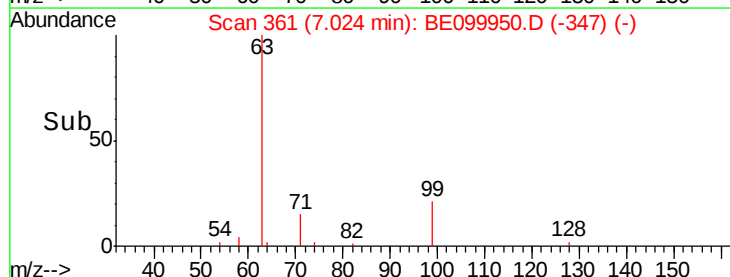
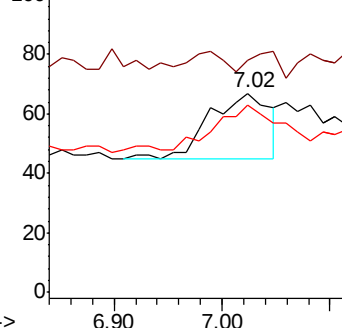
71 76.7 34.6 52.0#



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

Instrument :

BNA_E

ClientSampleId :

KY024MW068-190605

Tgt Ion: 136 Resp: 2610

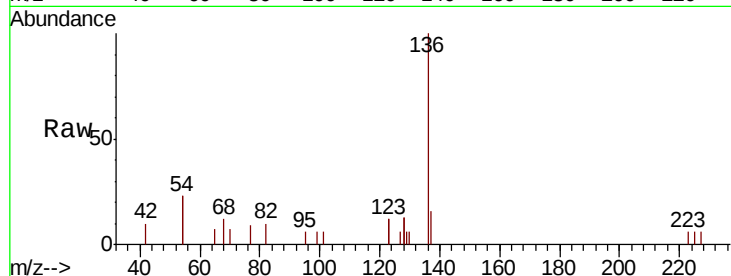
Ion Ratio Lower Upper

136 100

137 15.9 12.3 18.5

54 45.6 28.2 42.4#

68 11.6 7.8 11.8

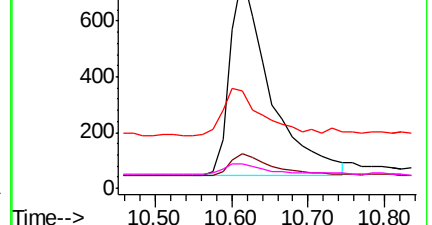
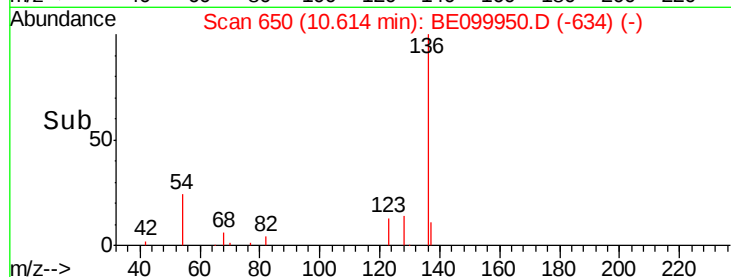


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.237 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

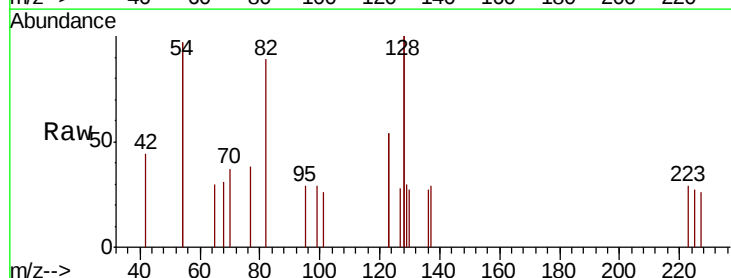
Tgt Ion: 82 Resp: 585

Ion Ratio Lower Upper

82 100

128 225.5 137.3 205.9#

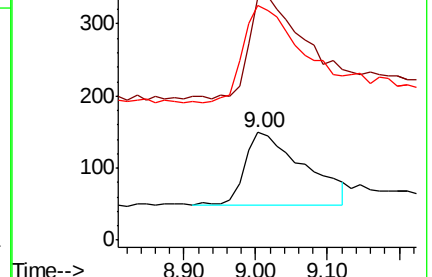
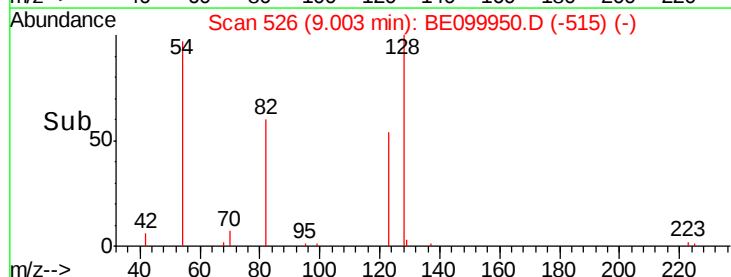
54 218.8 129.7 194.5#

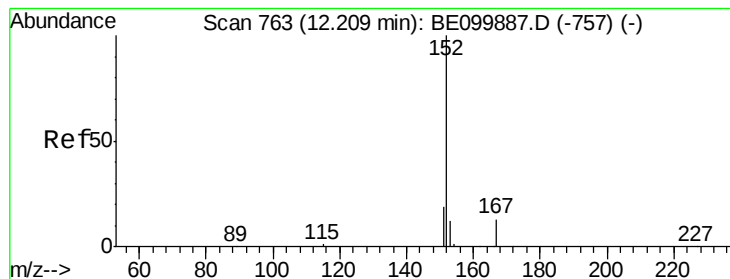


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

Instrument :

BNA_E

ClientSampleId :

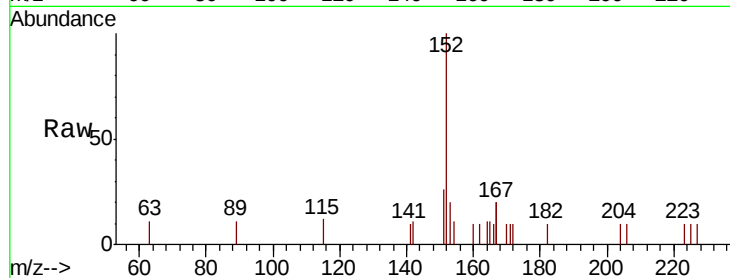
KY024MW068-190605

Tgt Ion:152 Resp: 1443

Ion Ratio Lower Upper

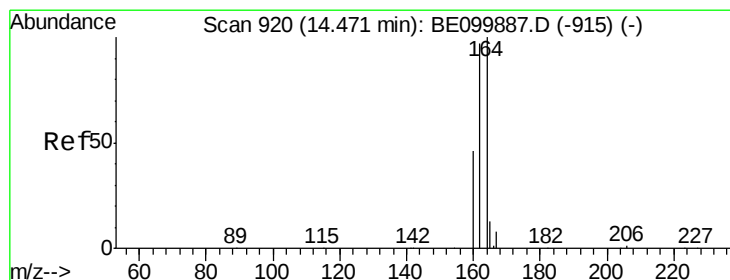
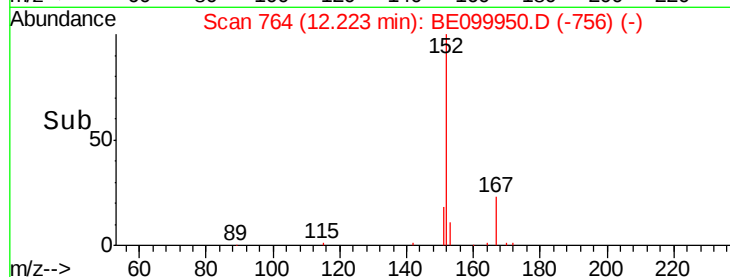
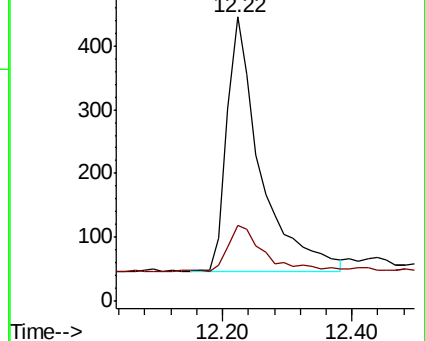
152 100

151 18.2 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: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

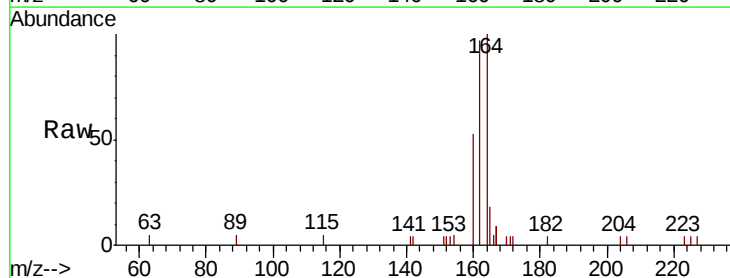
Tgt Ion:164 Resp: 2195

Ion Ratio Lower Upper

164 100

162 97.0 77.8 116.8

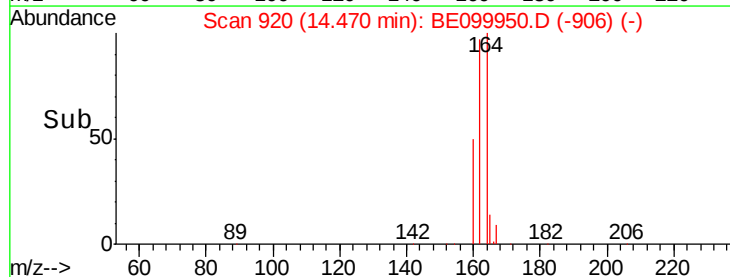
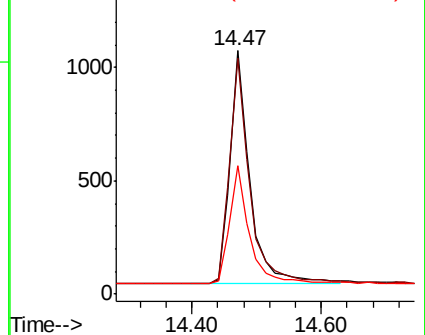
160 52.7 38.2 57.4

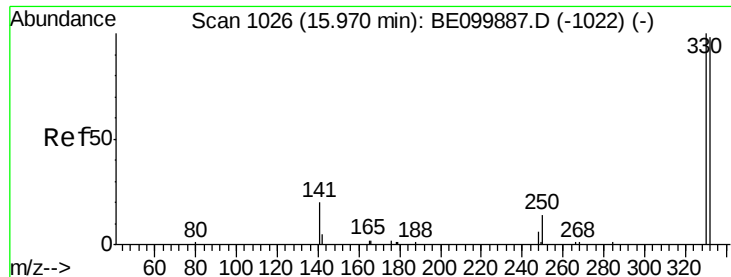


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

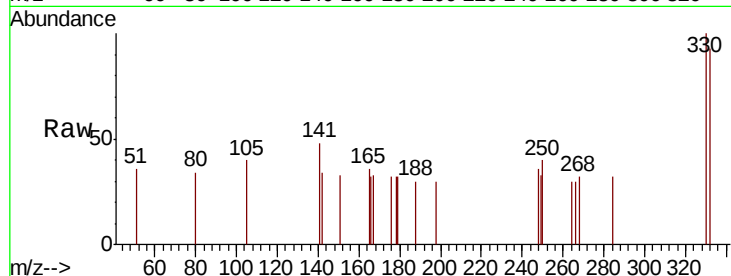




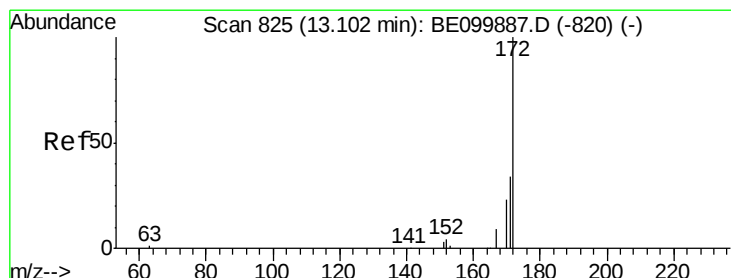
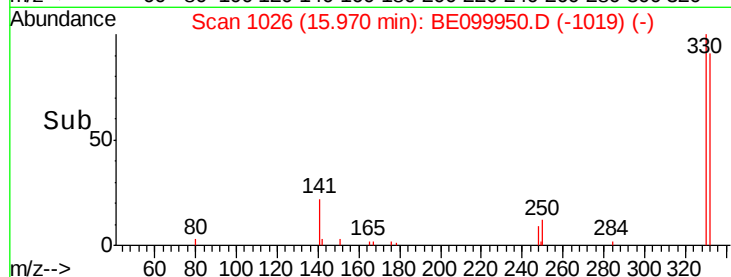
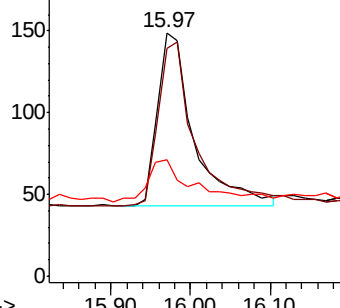
#14
 2,4,6-Tribromophenol
 Concen: 0.208 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099950.D
 Acq: 12 Jun 2019 11:23

Instrument :
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 KY024MW068-190605

Tgt Ion: 330 Resp: 337
 Ion Ratio Lower Upper
 330 100
 332 101.8 76.7 115.1
 141 33.2 21.0 31.6#

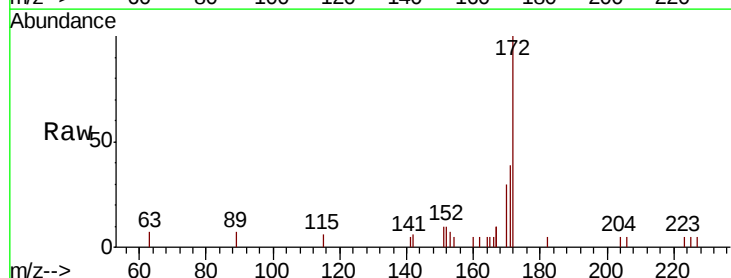


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

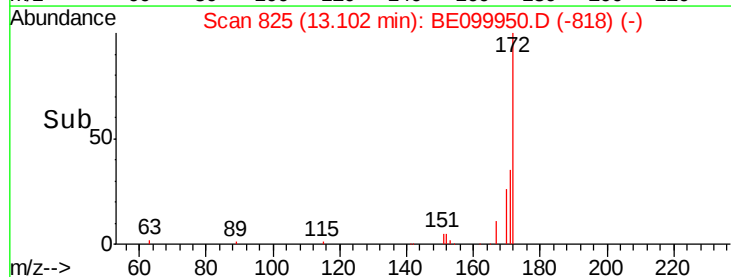
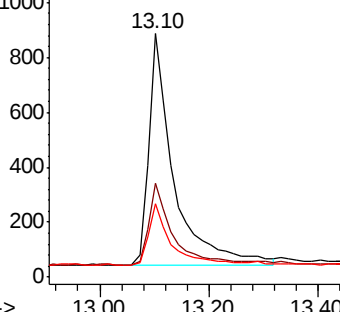


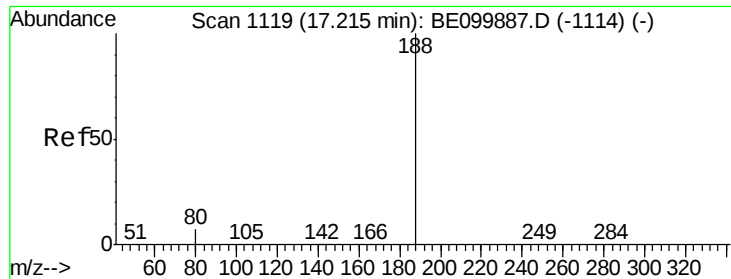
#15
 2-Fluorobiphenyl
 Concen: 0.322 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099950.D
 Acq: 12 Jun 2019 11:23

Tgt Ion: 172 Resp: 2683
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.2 43.8
 170 30.0 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

Instrument :

BNA_E

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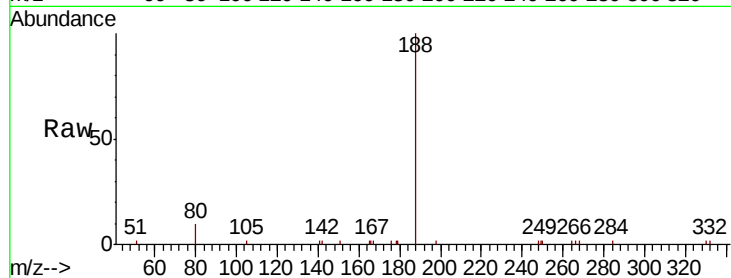
Tgt Ion:188 Resp: 7000

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

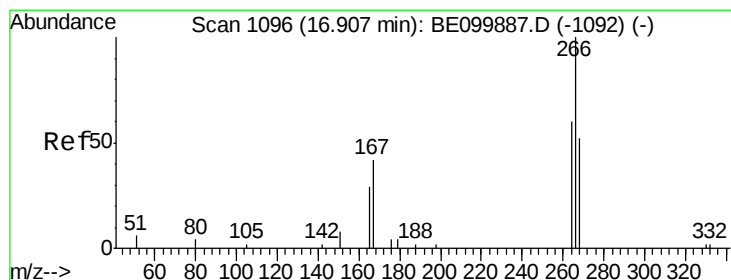
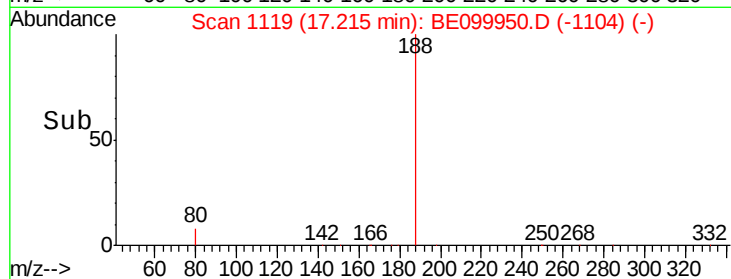
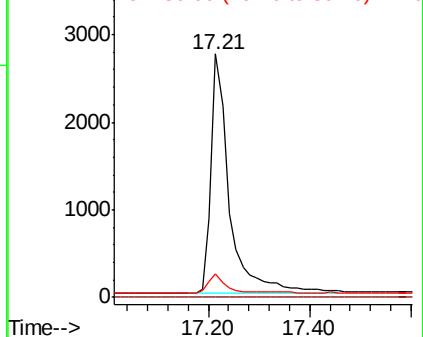
80 9.7 6.4 9.6#



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: 0.340 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

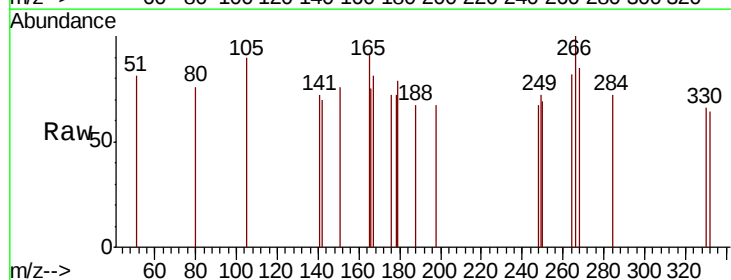
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

264 82.1 62.2 93.2

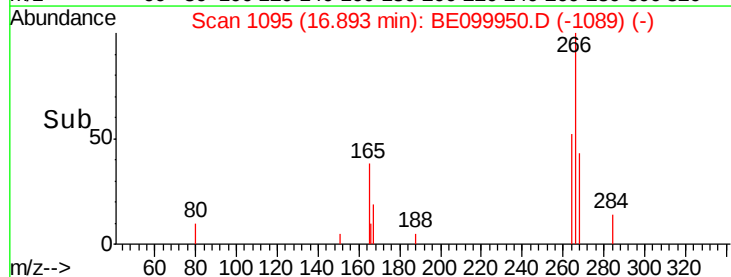
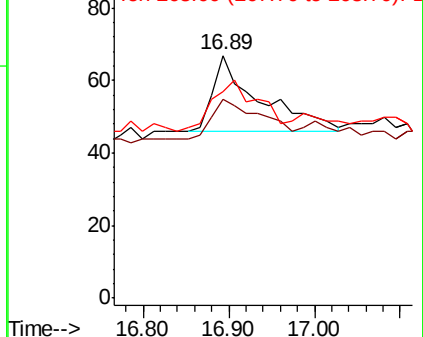
268 85.1 65.5 98.3

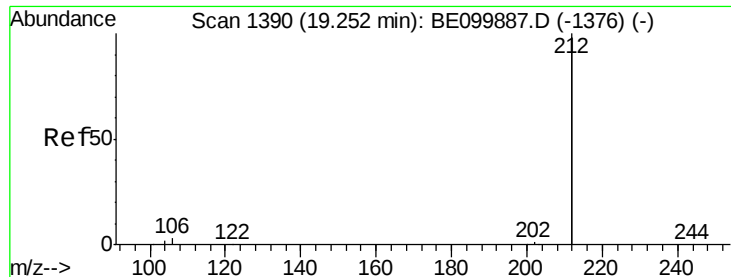


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

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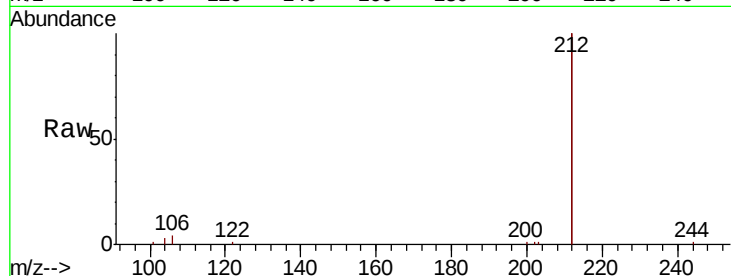
Tgt Ion:212 Resp: 32389

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

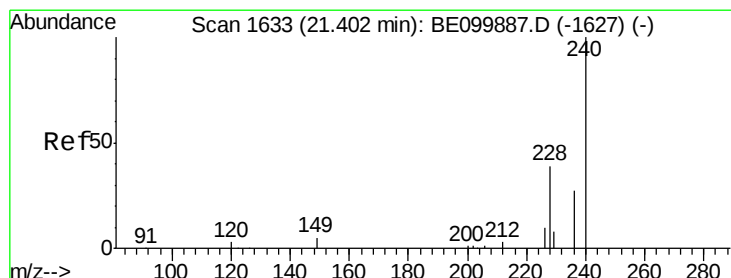
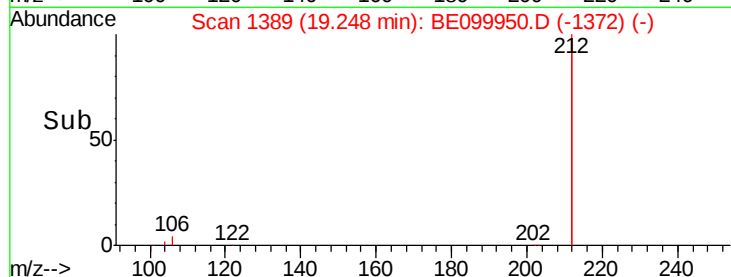
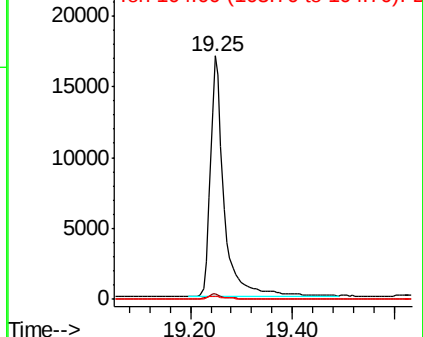
104 1.1 0.9 1.3



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# 1632

Delta R.T. -0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

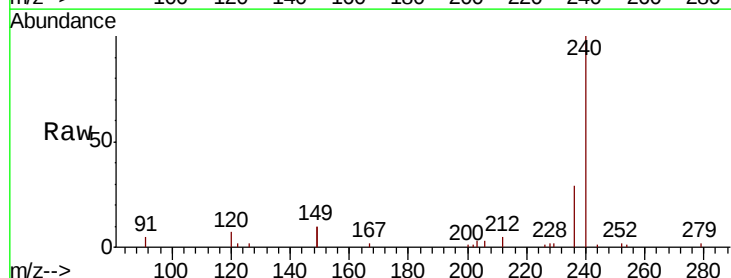
Tgt Ion:240 Resp: 9333

Ion Ratio Lower Upper

240 100

120 6.7 3.8 5.6#

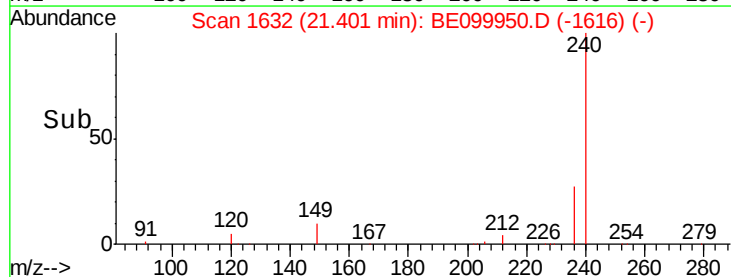
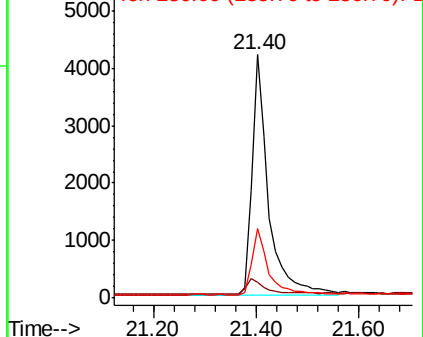
236 28.5 22.0 33.0

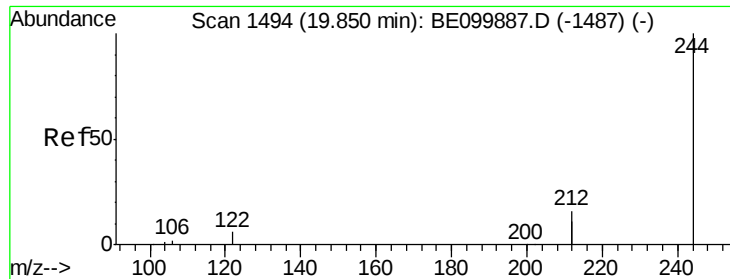


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.432 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

Instrument :

BNA_E

ClientSampleId :

KY024MW068-190605

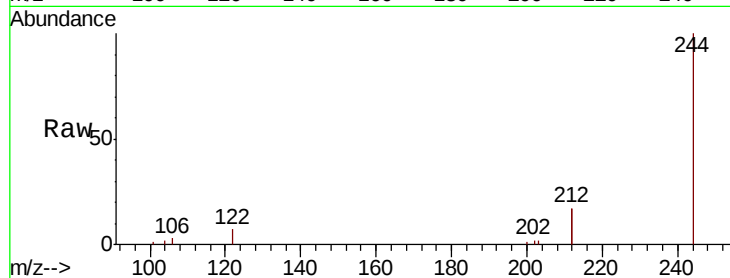
Tgt Ion:244 Resp: 7260

Ion Ratio Lower Upper

244 100

212 33.2 25.7 38.5

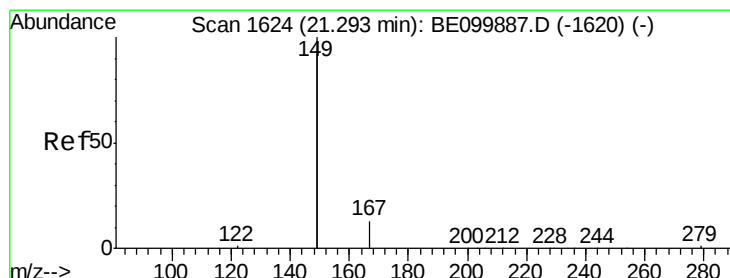
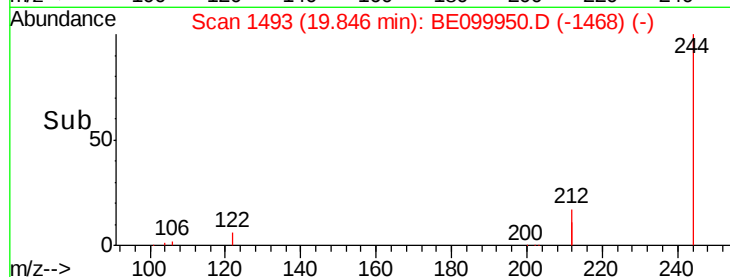
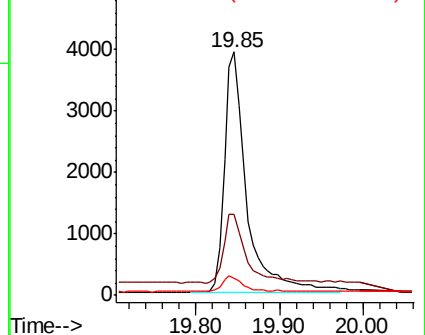
122 7.1 5.5 8.3



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: 0.035 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

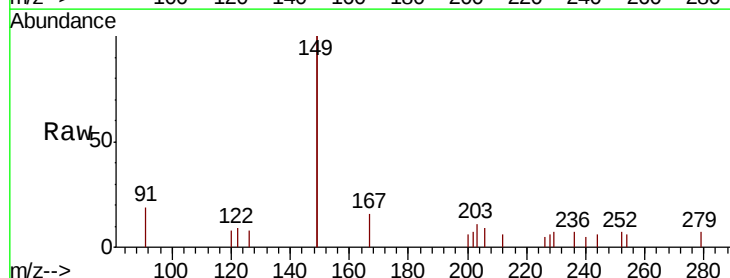
Tgt Ion:149 Resp: 1407

Ion Ratio Lower Upper

149 100

167 8.1 5.9 8.9

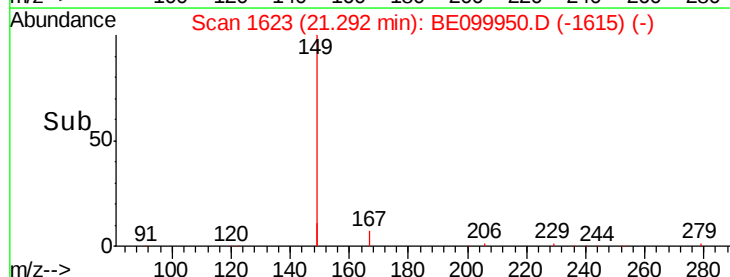
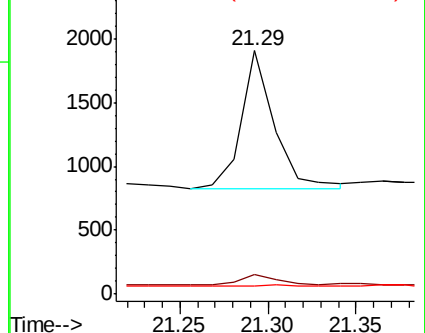
279 1.6 1.2 1.8

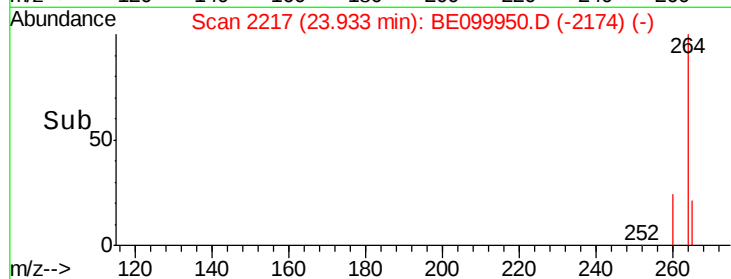
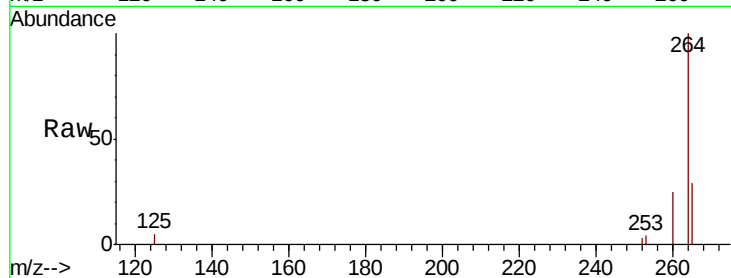


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE099950.D

Acq: 12 Jun 2019 11:23

Instrument :

BNA_E

ClientSampleId :

KY024MW068-190605

Tgt Ion:264 Resp: 10594

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 29.4 22.0 33.0

