

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099900.D
 Acq On : 10 Jun 2019 21:07
 Operator : JU/SJ
 Sample : K3203-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-190604

Quant Time: Jun 11 07:31:19 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

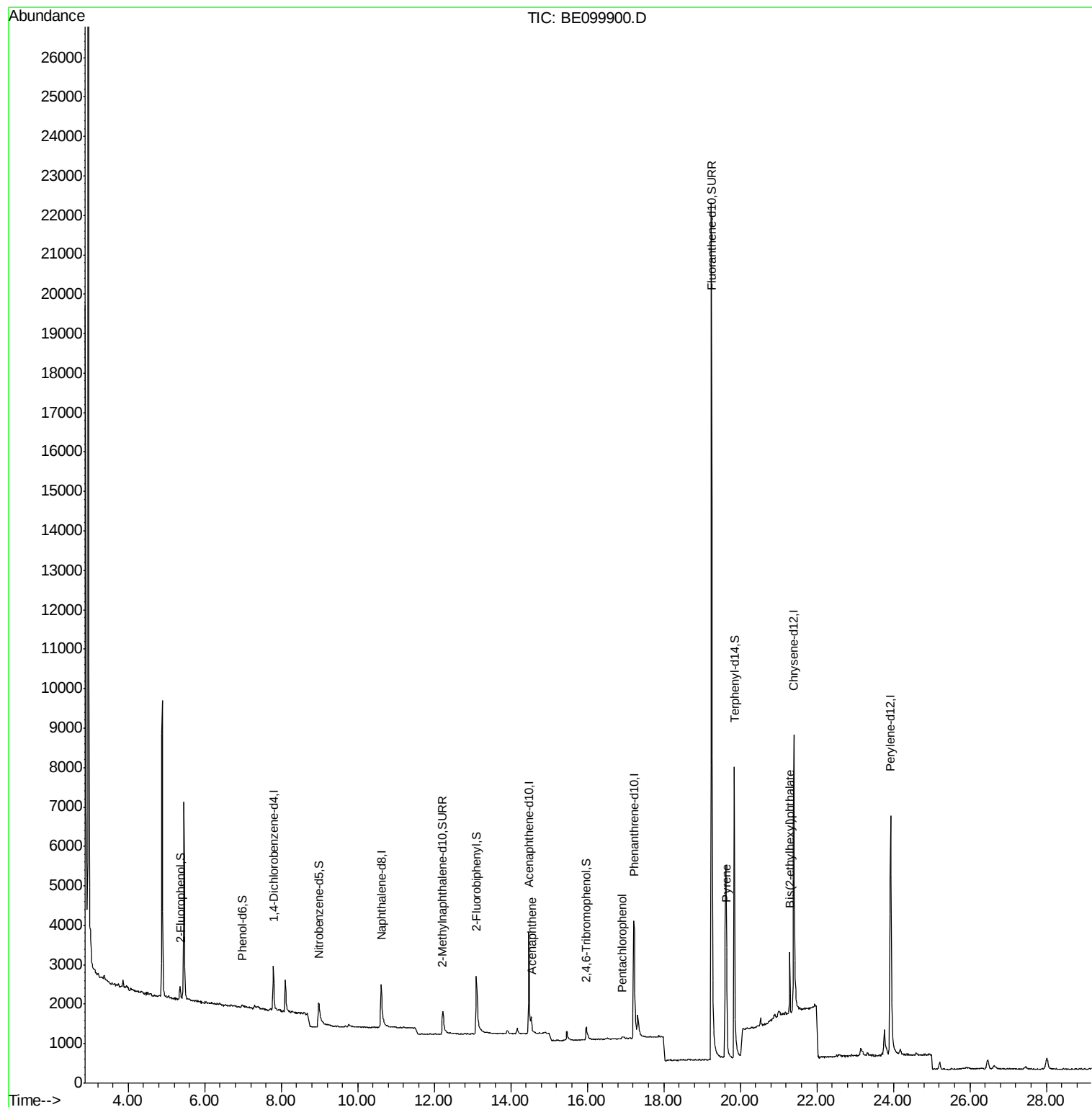
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	734	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2497	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2027	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6458	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9719	0.40	ng	0.00
34) Perylene-d12	23.93	264	11165	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	256	0.13	ng	0.00
5) Phenol-d6	6.99	99	156	0.06	ng	0.02
8) Nitrobenzene-d5	8.98	82	734	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1536	0.35	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	429	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2860	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	36386	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	8487	0.49	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.54	154	201	0.037	ng	91
22) Pentachlorophenol	16.92	266	86	0.348	ng	94
28) Pyrene	19.64	202	2657	0.104	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	1630	0.039	ng #	95

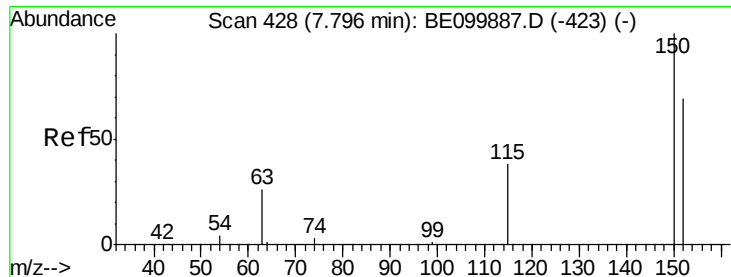
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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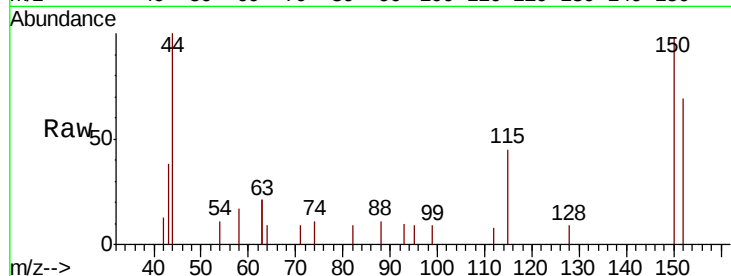


#1

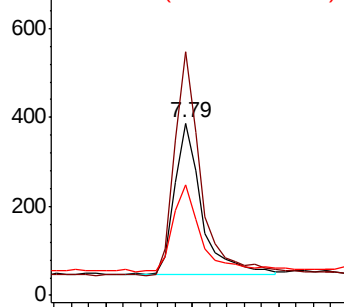
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099900.D
Acq: 10 Jun 2019 21:07

Instrument :
BNA_E
ClientSampleId :
SS043MW039-190604

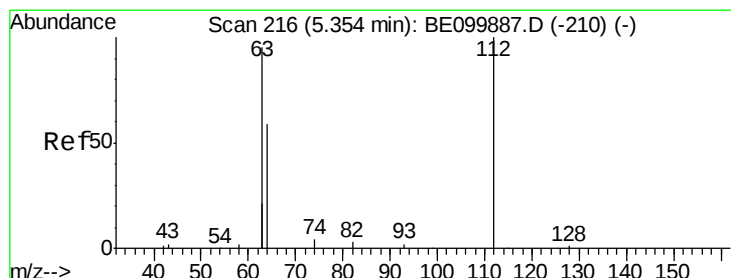
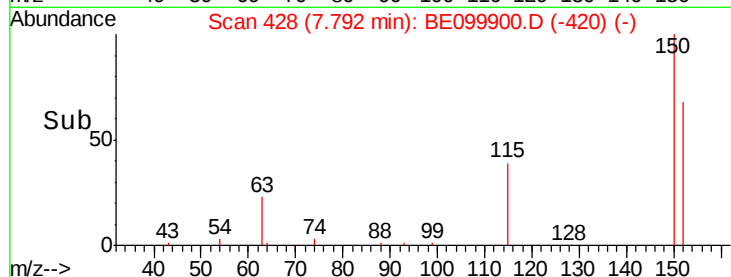
Tot Ion:152 Resp: 734
Ion Ratio Lower Upper
152 100
150 141.3 111.0 166.6
115 64.6 50.7 76.1



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



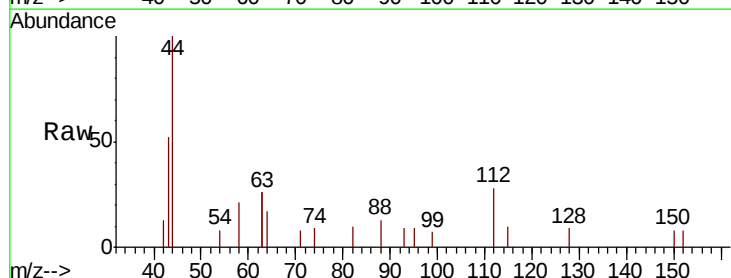
Time-->



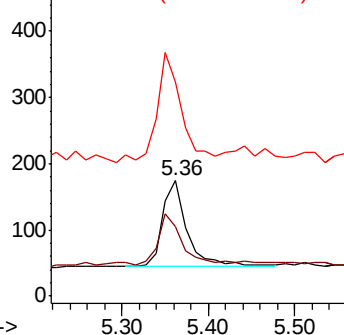
#4

2-Fluorophenol
Concen: 0.129 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099900.D
Acq: 10 Jun 2019 21:07

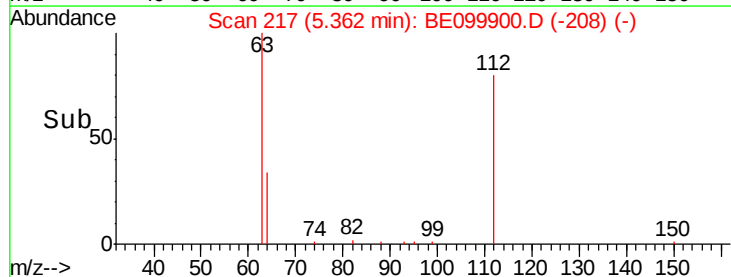
Tgt Ion:112 Resp: 256
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 130.1 87.8 131.6

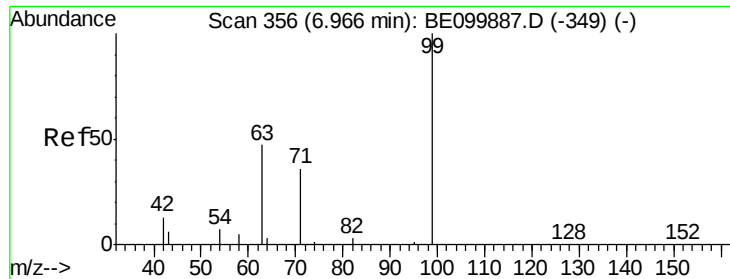


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.061 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

Instrument :

BNA_E

ClientSampleId :

SS043MW039-190604

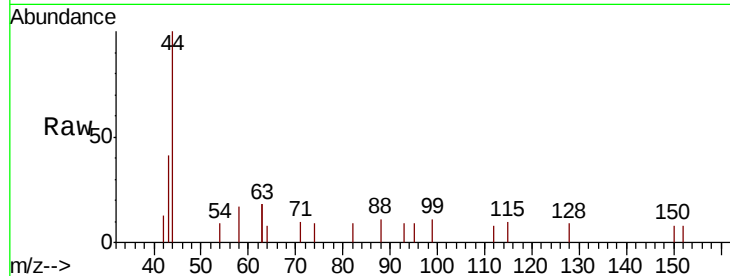
Tot Ion: 99 Resp: 156

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

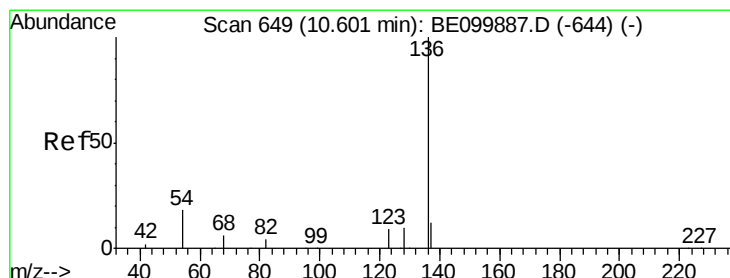
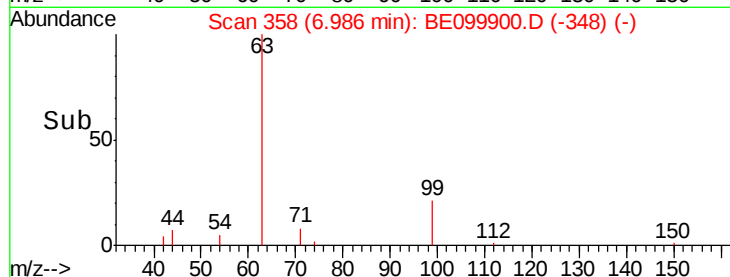
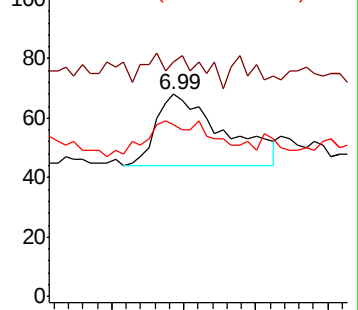
71 48.1 34.6 52.0



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: BE099900.D

Acq: 10 Jun 2019 21:07

Tgt Ion: 136 Resp: 2497

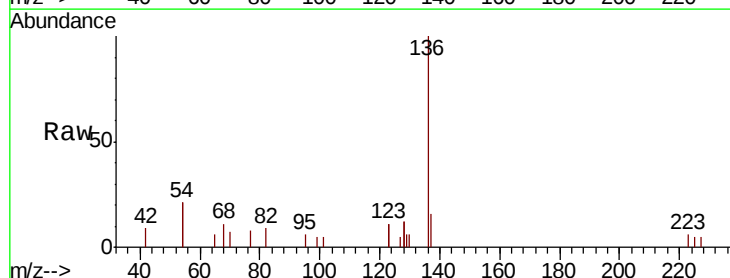
Ion Ratio Lower Upper

136 100

137 15.5 12.3 18.5

54 41.0 28.2 42.4

68 11.0 7.8 11.8

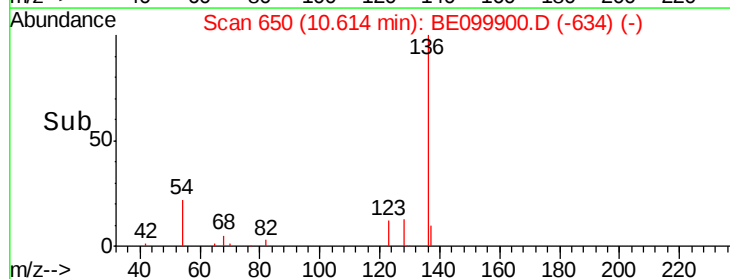
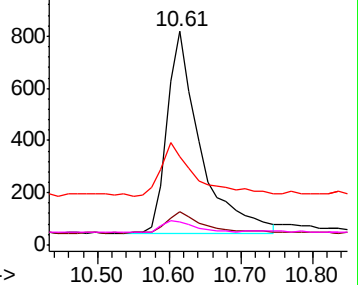


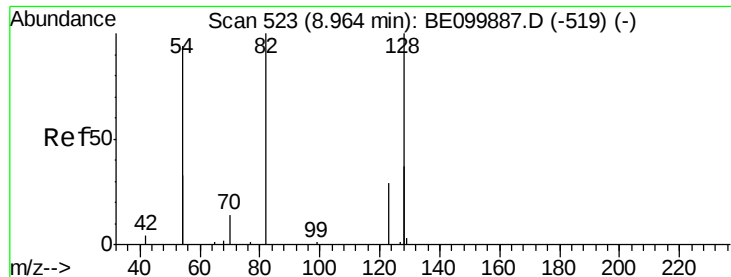
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.310 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

Instrument :

BNA_E

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SS043MW039-190604

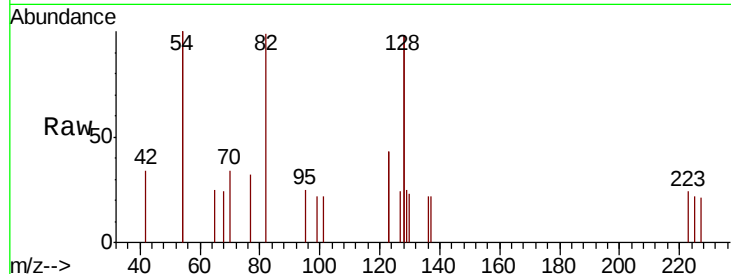
Tot Ion: 82 Resp: 734

Ion Ratio Lower Upper

82 100

128 198.0 137.3 205.9

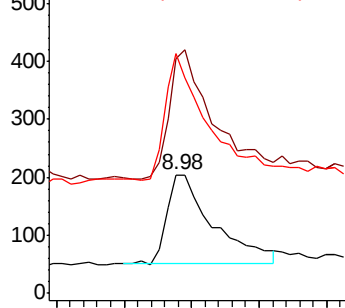
54 202.9 129.7 194.5#



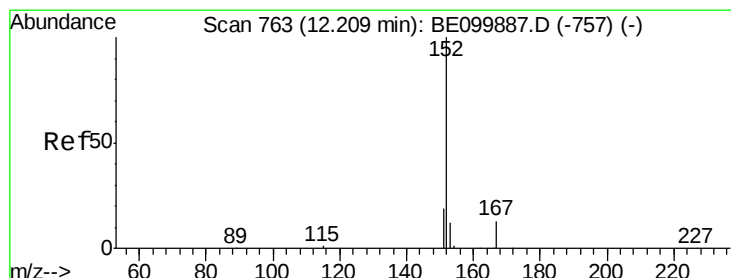
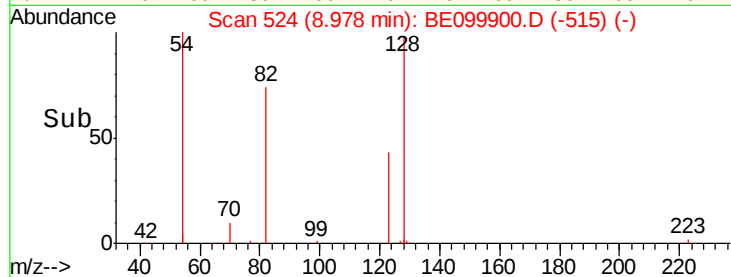
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.80 8.90 9.00 9.10 9.20



#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099900.D

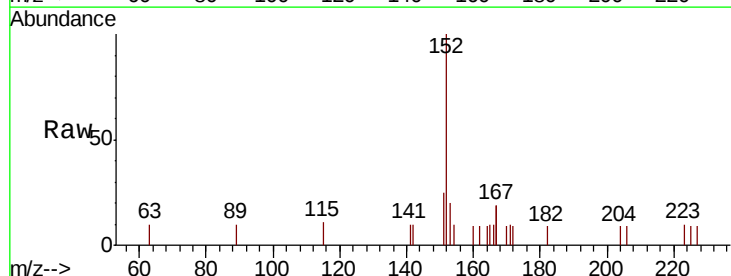
Acq: 10 Jun 2019 21:07

Tgt Ion: 152 Resp: 1536

Ion Ratio Lower Upper

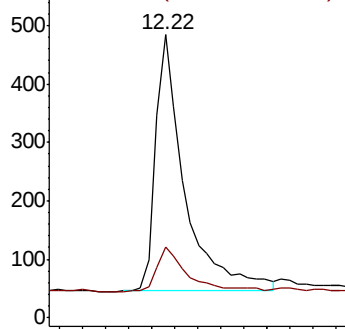
152 100

151 17.0 15.2 22.8

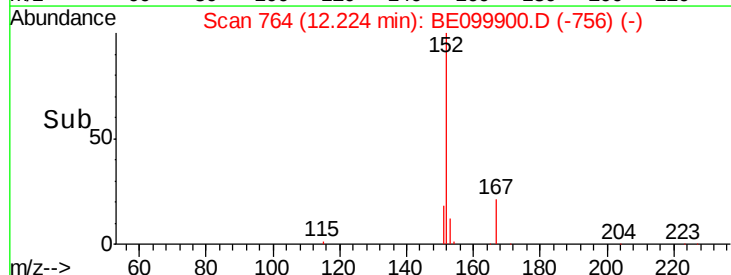


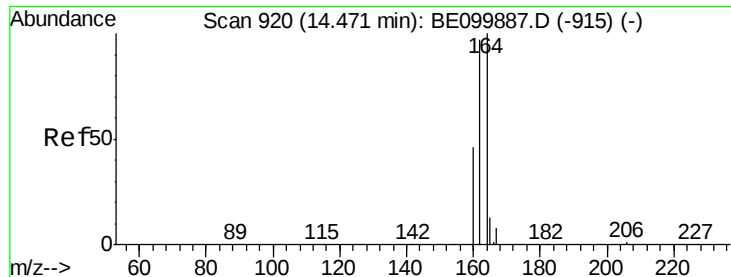
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.20 12.40

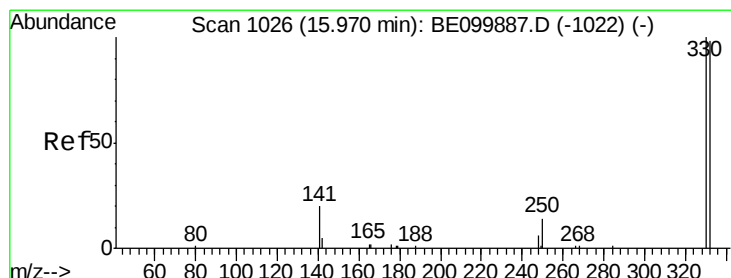
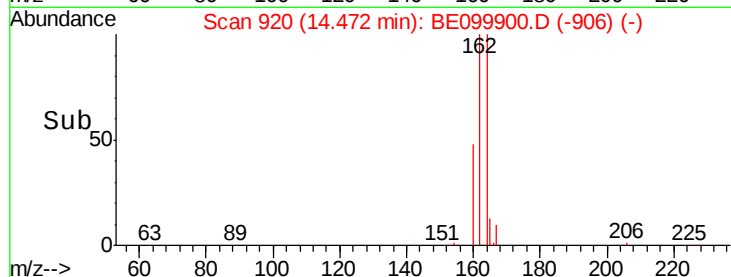
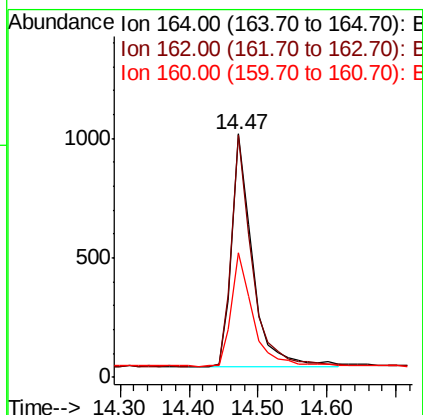
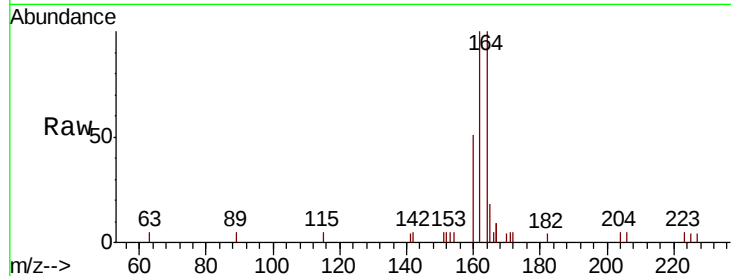




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099900.D
 Acq: 10 Jun 2019 21:07

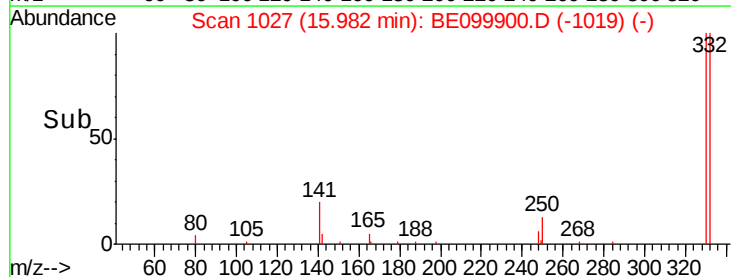
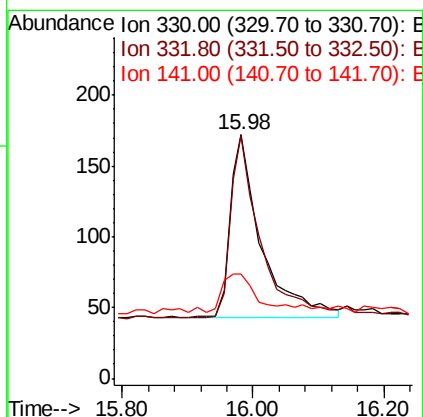
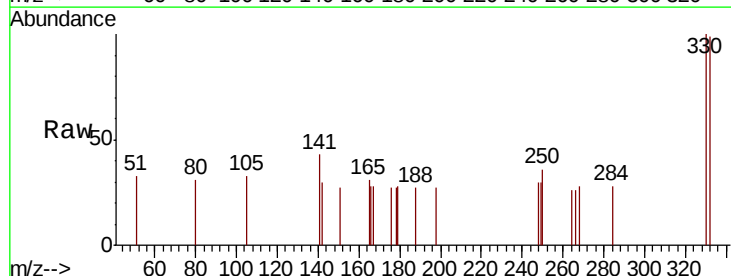
Instrument :
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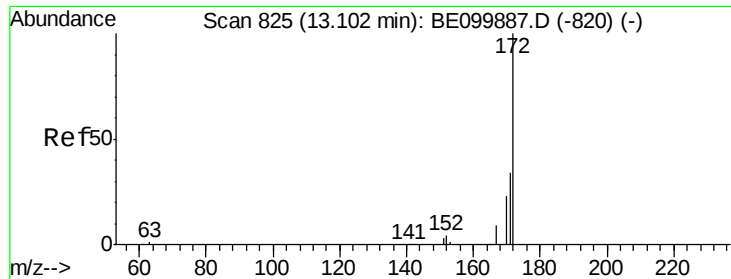
Tot Ion:164 Resp: 2027
 Ion Ratio Lower Upper
 164 100
 162 99.8 77.8 116.8
 160 50.9 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.286 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099900.D
 Acq: 10 Jun 2019 21:07

Tgt Ion:330 Resp: 429
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.7 115.1
 141 25.4 21.0 31.6

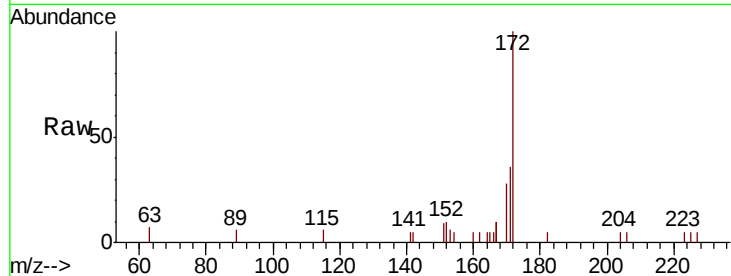




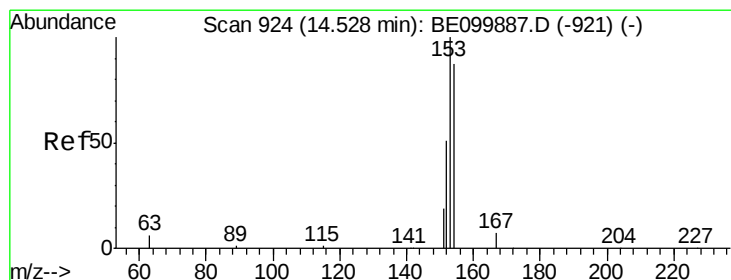
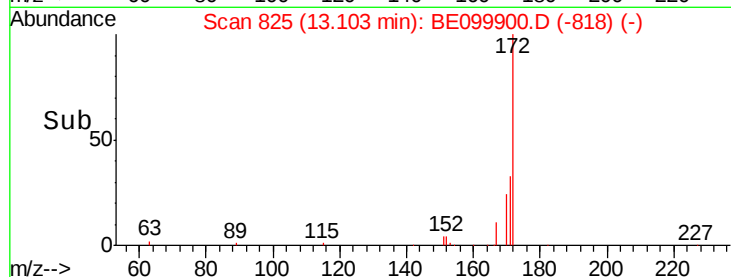
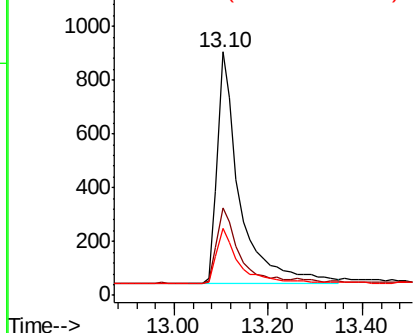
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099900.D
Acq: 10 Jun 2019 21:07

Instrument :
BNA_E
ClientSampleId :
SS043MW039-190604

Tot Ion:172 Resp: 2860
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 27.7 21.2 31.8

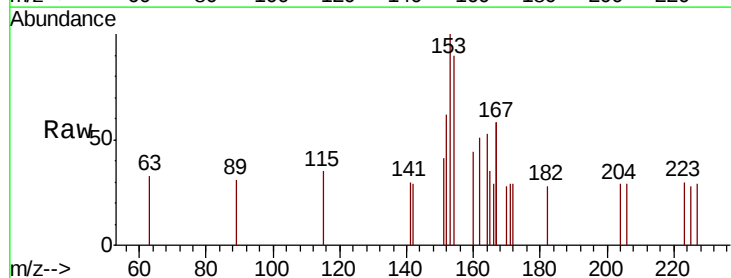


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

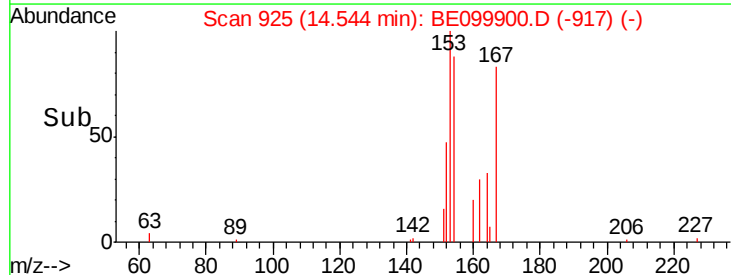
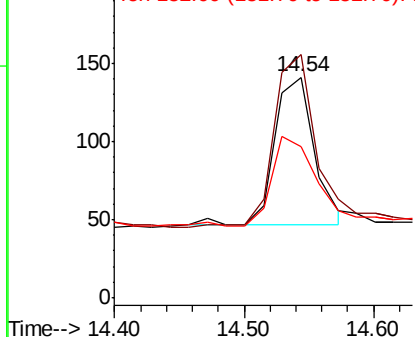


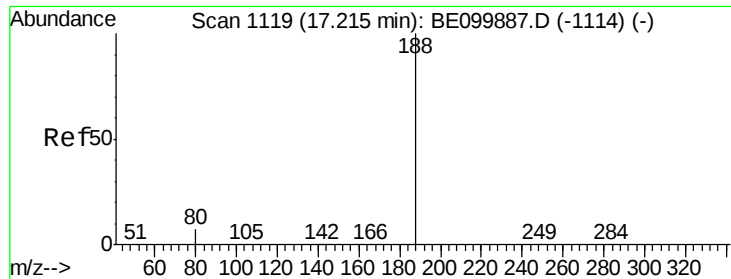
#17
Acenaphthene
Concen: 0.037 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE099900.D
Acq: 10 Jun 2019 21:07

Tgt Ion:154 Resp: 201
Ion Ratio Lower Upper
154 100
153 124.9 93.1 139.7
152 67.2 47.0 70.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

Instrument :

BNA_E

ClientSampleId :

SS043MW039-190604

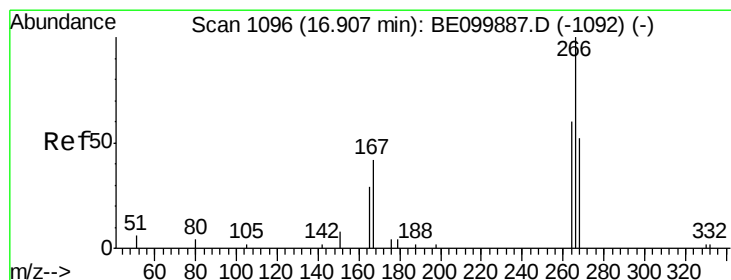
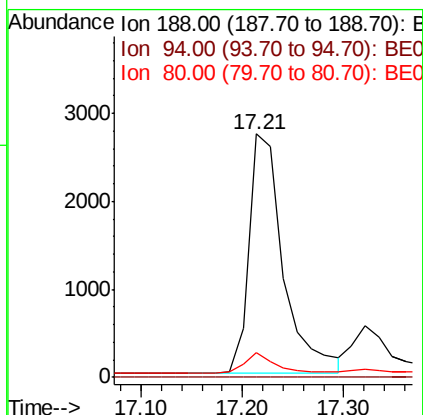
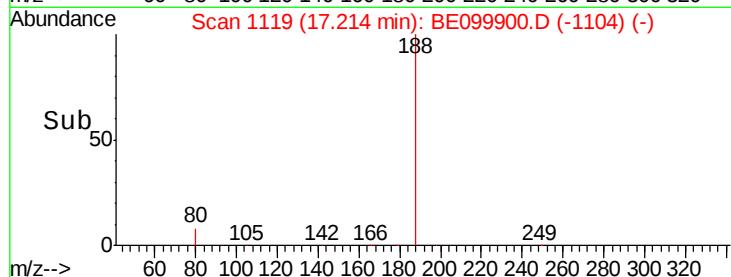
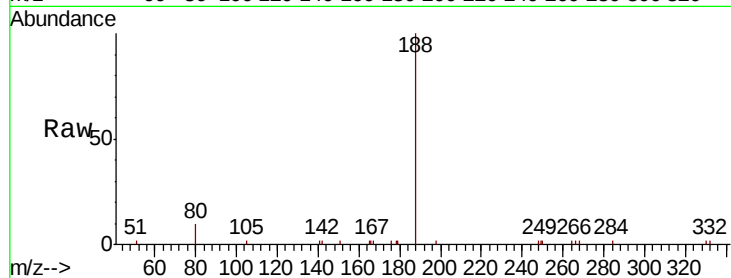
Tot Ion:188 Resp: 6458

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 6.4 9.6#



#22

Pentachlorophenol

Concen: 0.348 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

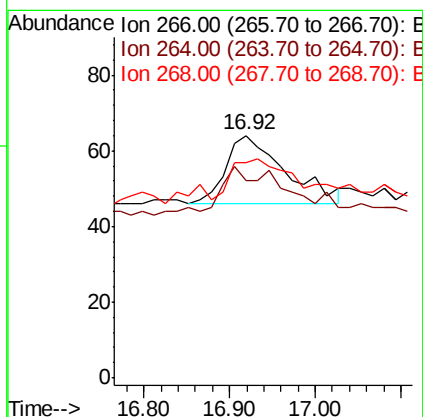
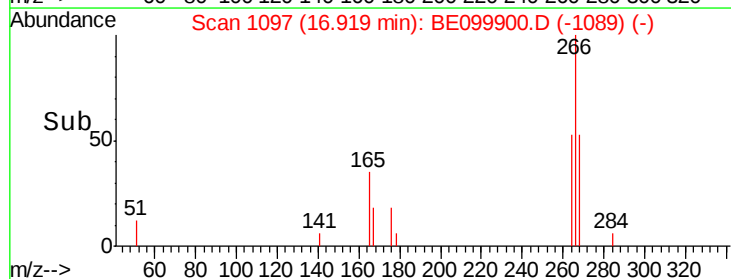
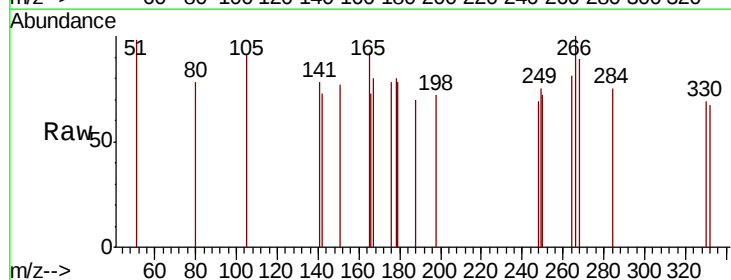
Tgt Ion:266 Resp: 86

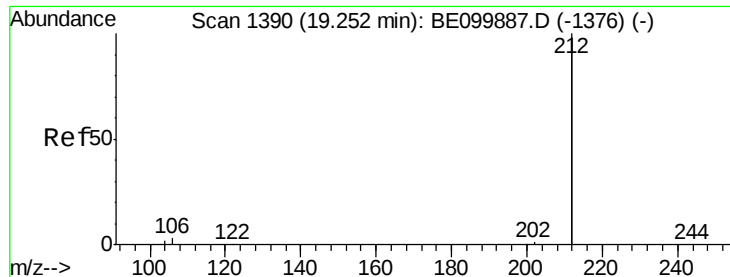
Ion Ratio Lower Upper

266 100

264 81.3 62.2 93.2

268 89.1 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

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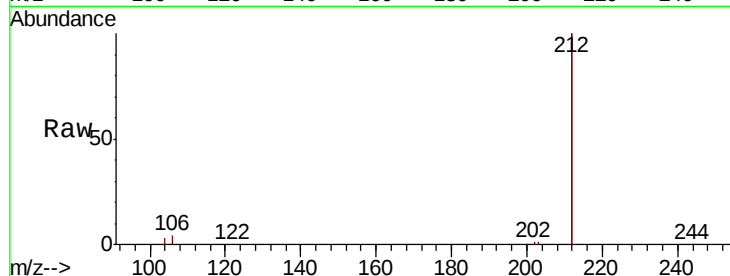
Tot Ion:212 Resp: 36386

Ion Ratio Lower Upper

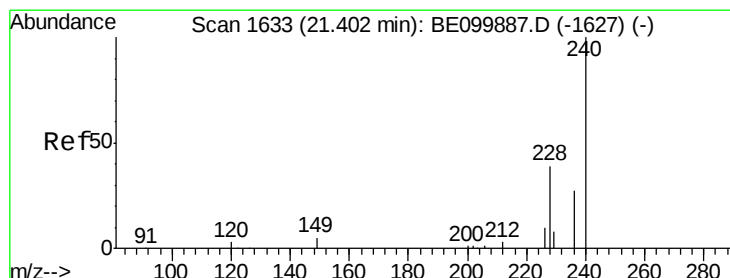
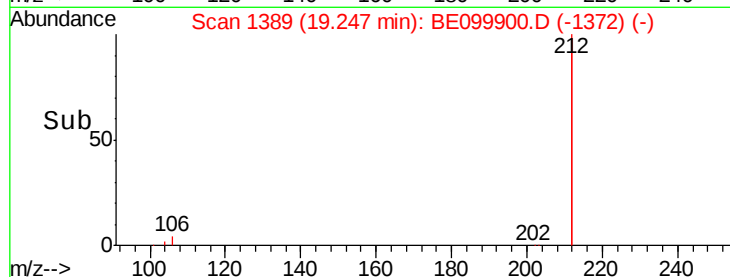
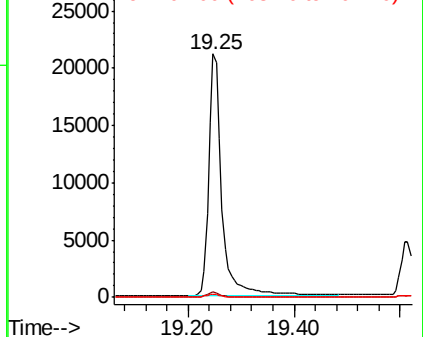
212 100

106 1.8 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: BE099900.D

Acq: 10 Jun 2019 21:07

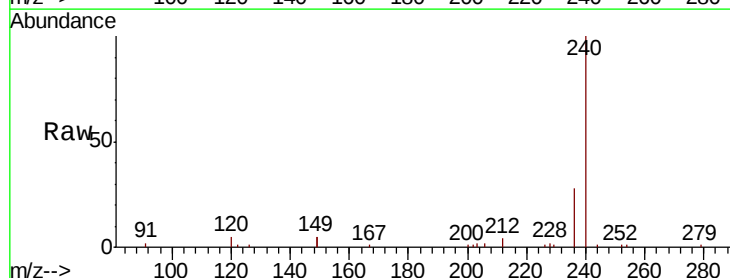
Tgt Ion:240 Resp: 9719

Ion Ratio Lower Upper

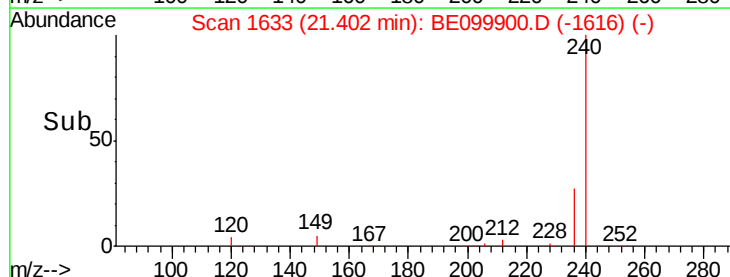
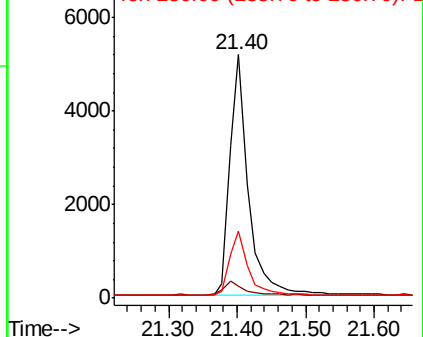
240 100

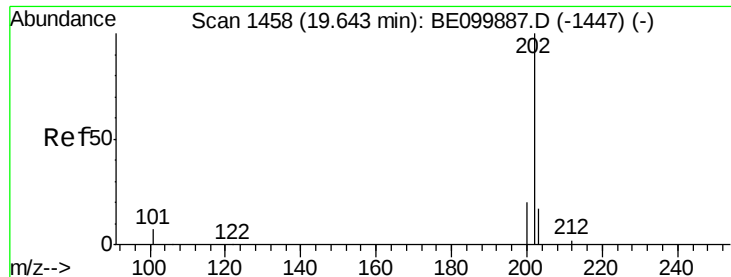
120 5.1 3.8 5.6

236 27.6 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





#28

Pvrene

Concen: 0.104 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

Instrument :

BNA_E

ClientSampleId :

SS043MW039-190604

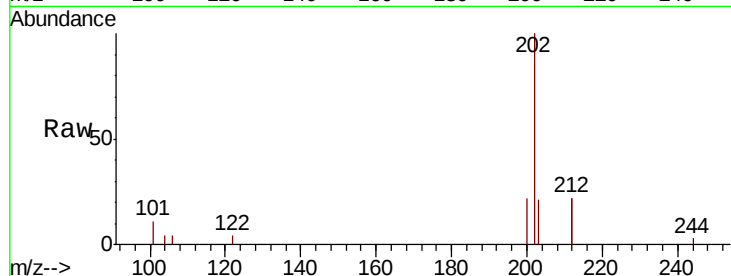
Tot Ion:202 Resp: 2657

Ion Ratio Lower Upper

202 100

200 18.9 15.5 23.3

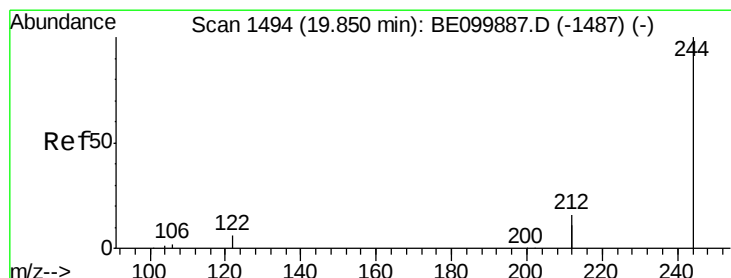
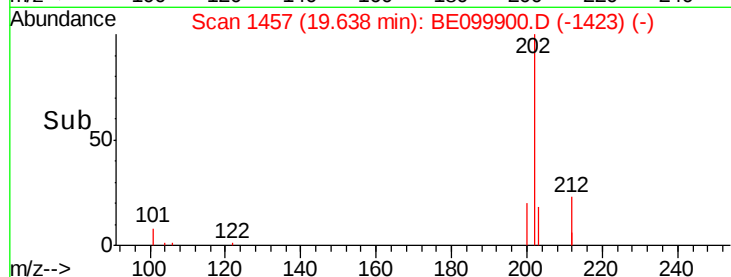
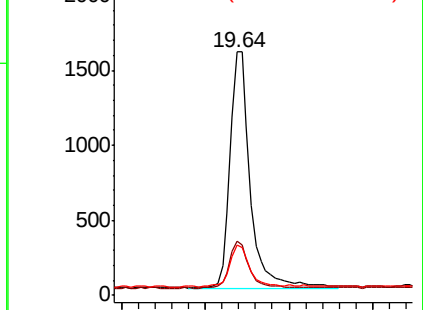
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.485 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099900.D

Acq: 10 Jun 2019 21:07

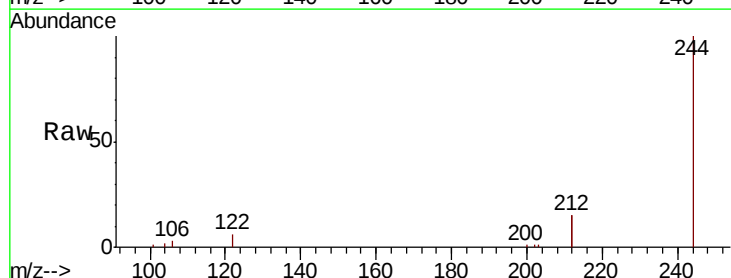
Tgt Ion:244 Resp: 8487

Ion Ratio Lower Upper

244 100

212 30.6 25.7 38.5

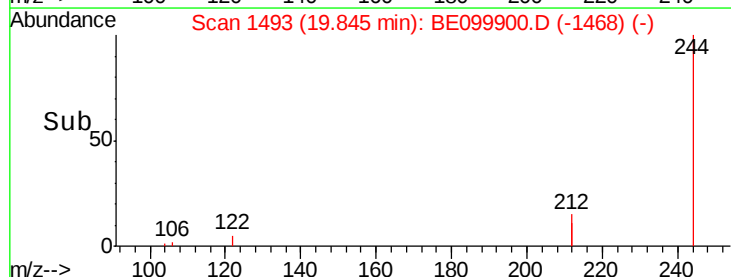
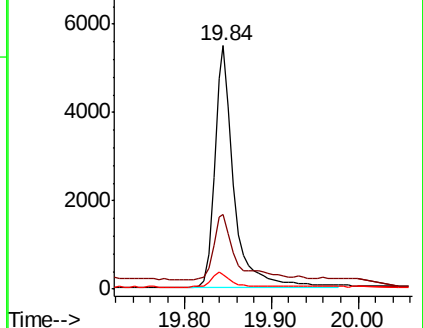
122 6.0 5.5 8.3

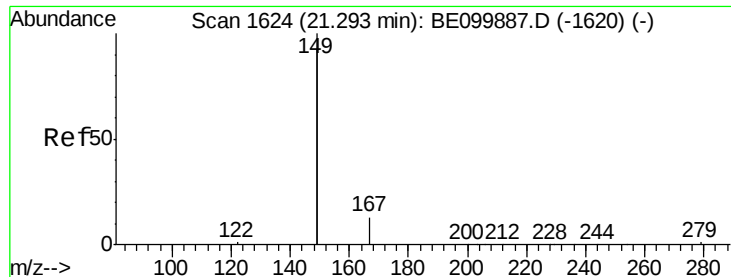


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

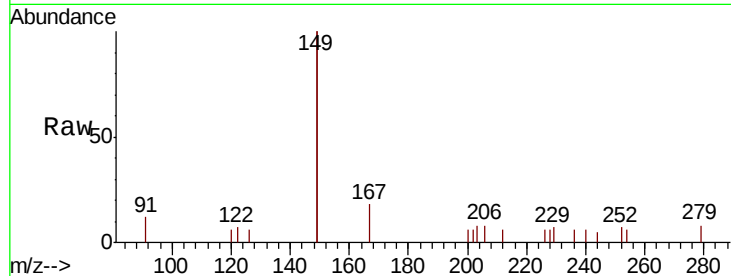




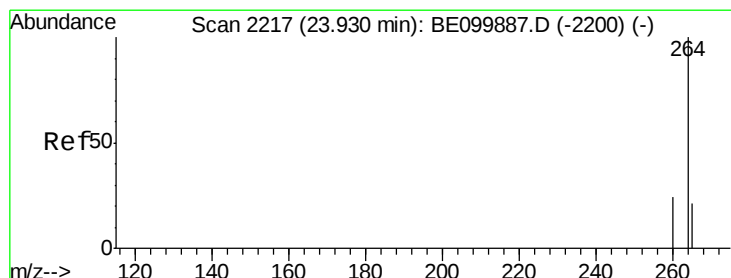
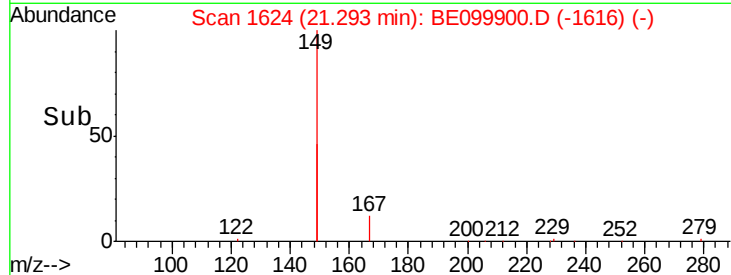
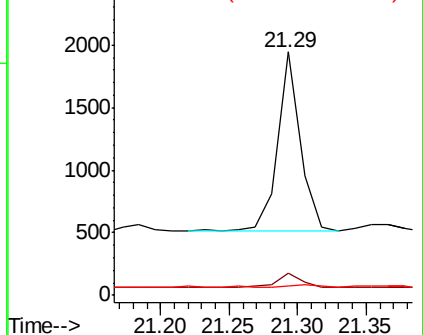
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099900.D
Acq: 10 Jun 2019 21:07

Instrument :
BNA_E
ClientSampleId :
SS043MW039-190604

Tot Ion:149 Resp: 1630
Ion Ratio Lower Upper
149 100
167 9.1 5.9 8.9#
279 2.3 1.2 1.8#

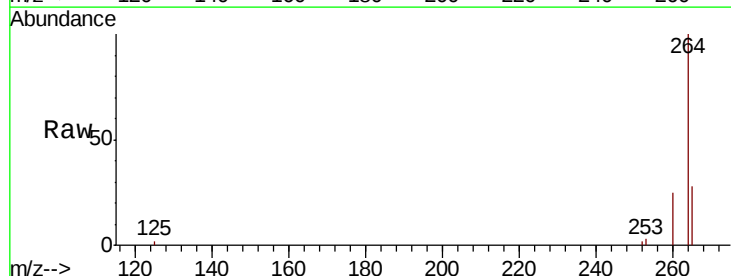


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099900.D
Acq: 10 Jun 2019 21:07

Tgt Ion:264 Resp: 11165
Ion Ratio Lower Upper
264 100
260 24.8 20.2 30.2
265 28.1 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

