

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099967.D
 Acq On : 12 Jun 2019 21:39
 Operator : JU/SJ
 Sample : K3280-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20190608

Quant Time: Jun 13 04:11:17 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	1116	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3920	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2926	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	8502	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	11890	0.40	ng	-0.01
34) Perylene-d12	23.92	264	13681	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	440	0.15	ng	0.00
5) Phenol-d6	6.95	99	352	0.09	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1465	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2362	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	746	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4956	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	43576	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	12427	0.58	ng	-0.01

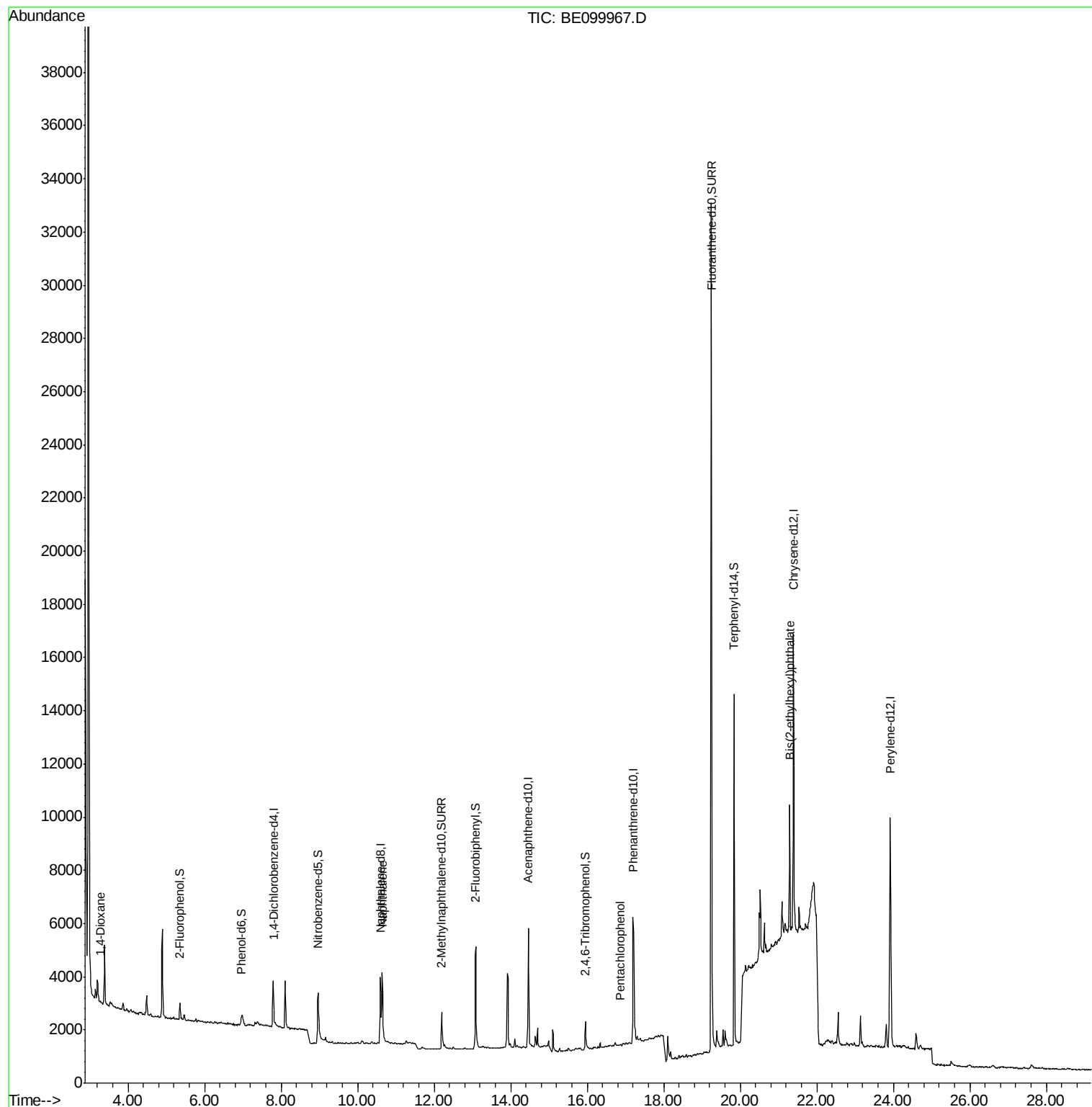
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	35	0.021	ng	# 1
9) Naphthalene	10.64	128	5165	0.122	ng	# 97
22) Pentachlorophenol	16.87	266	21	0.309	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.29	149	5588	0.110	ng	# 99

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

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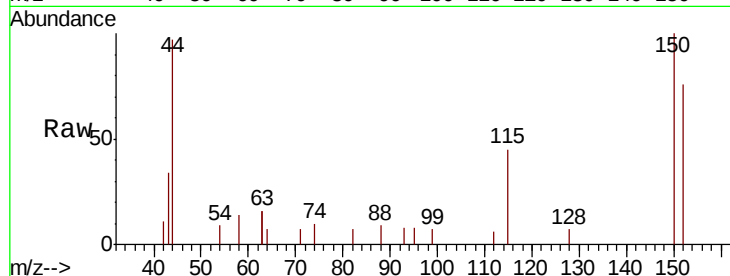


#1

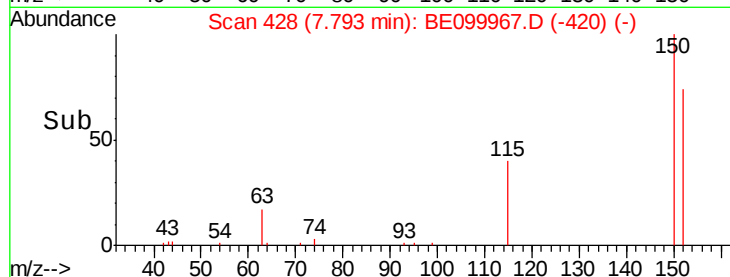
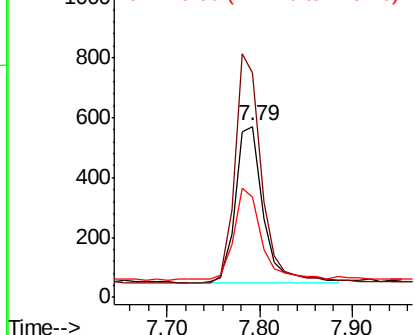
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW01-20190608

Tgt Ion: 152 Resp: 1116
Ion Ratio Lower Upper
152 100
150 131.6 111.0 166.6
115 59.1 50.7 76.1



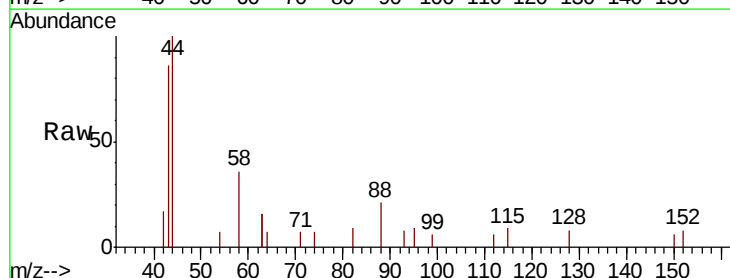
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



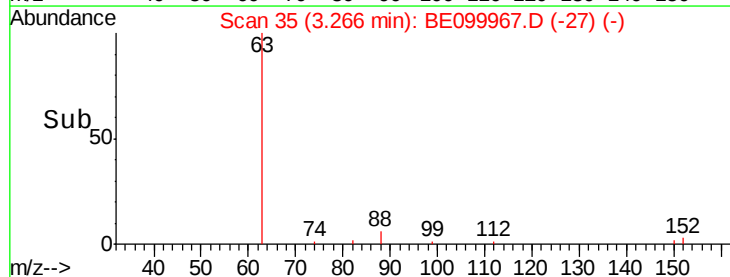
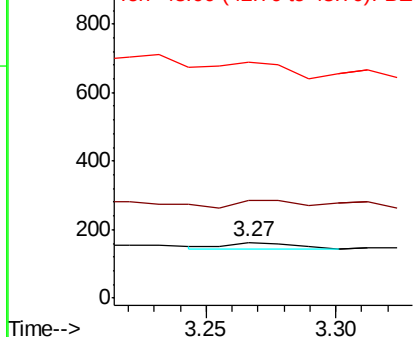
#2

1,4-Dioxane
Concen: 0.021 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
58 182.9 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: 0.146 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20190608

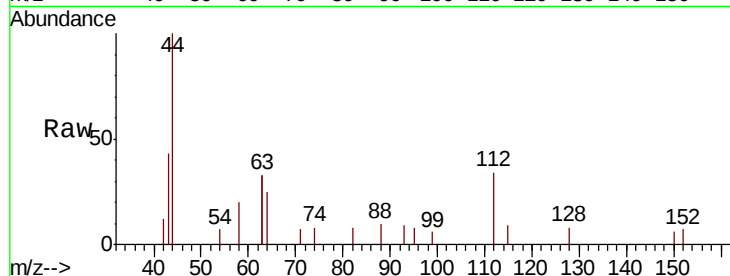
Tgt Ion: 112 Resp: 440

Ion Ratio Lower Upper

112 100

64 58.6 44.1 66.1

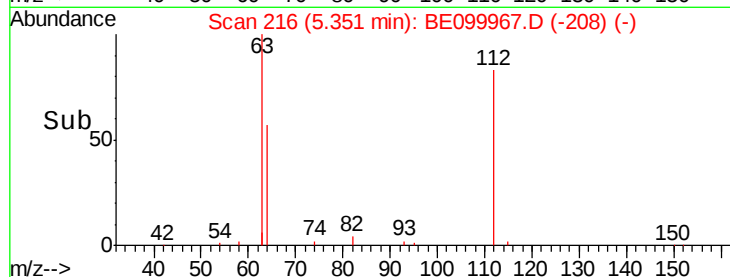
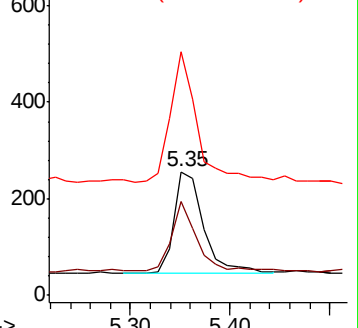
63 148.2 87.8 131.6#



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: 0.091 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

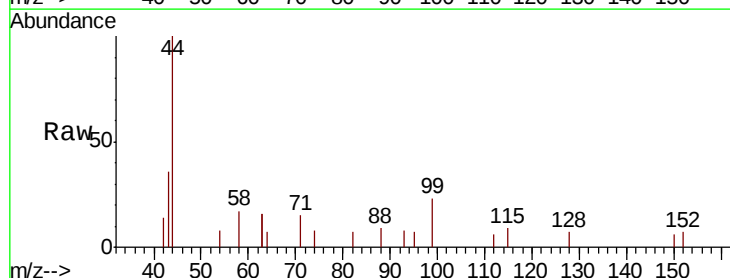
Tgt Ion: 99 Resp: 352

Ion Ratio Lower Upper

99 100

42 19.9 15.9 23.9

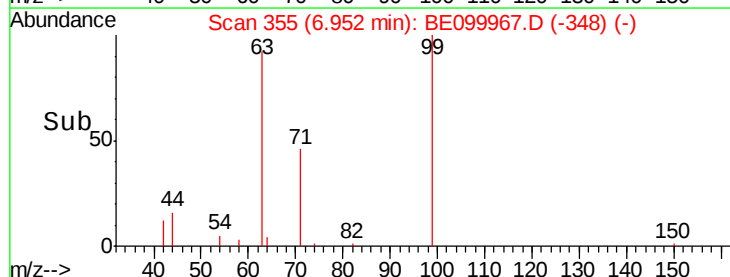
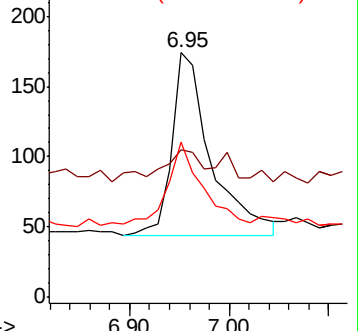
71 39.2 34.6 52.0

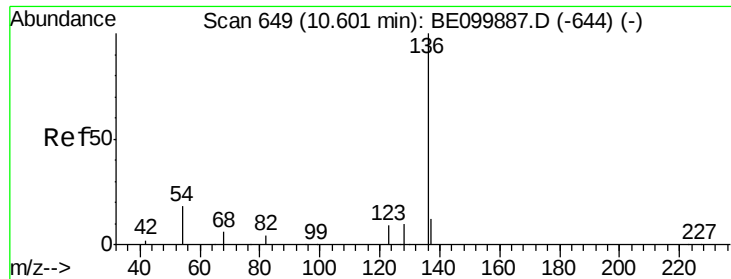


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20190608

Tgt Ion: 136 Resp: 3920

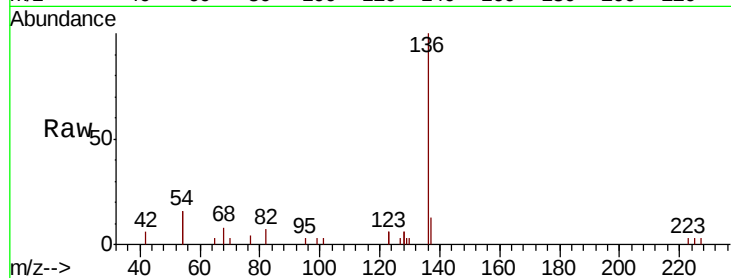
Ion Ratio Lower Upper

136 100

137 12.6 12.3 18.5

54 33.0 28.2 42.4

68 8.4 7.8 11.8

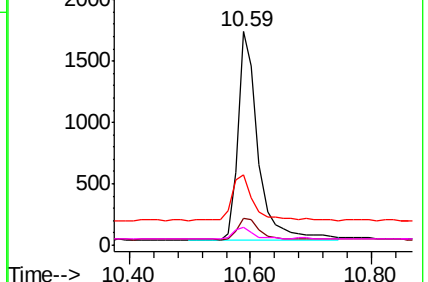
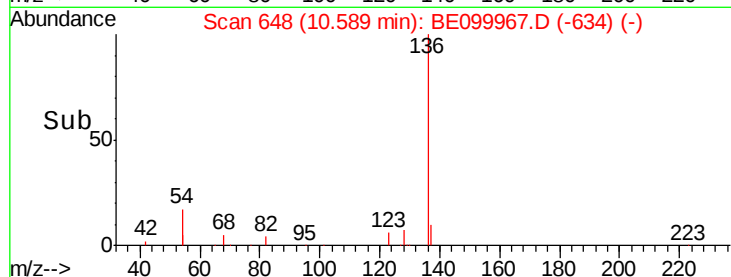


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

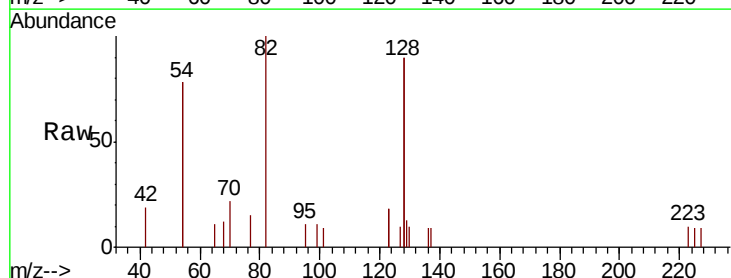
Tgt Ion: 82 Resp: 1465

Ion Ratio Lower Upper

82 100

128 179.8 137.3 205.9

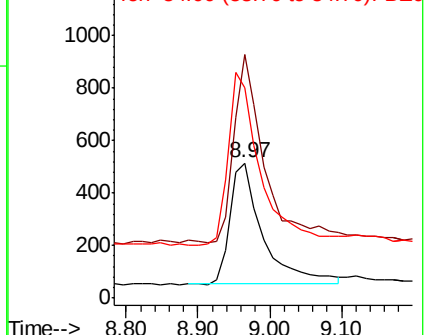
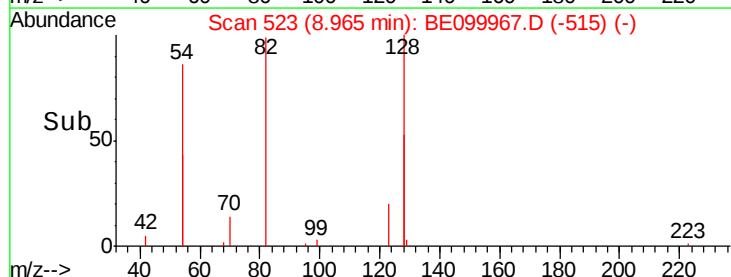
54 155.0 129.7 194.5

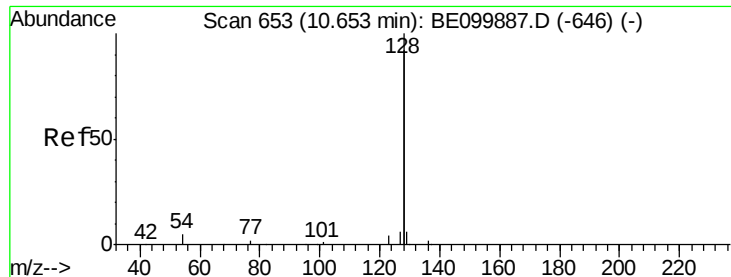


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.122 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

Instrument :

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BP-FW-MW01-20190608

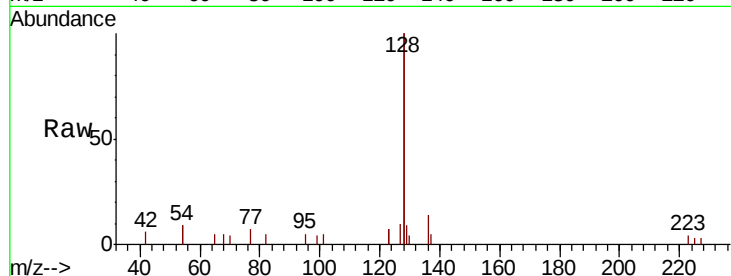
Tgt Ion:128 Resp: 5165

Ion Ratio Lower Upper

128 100

129 4.5 3.0 4.6

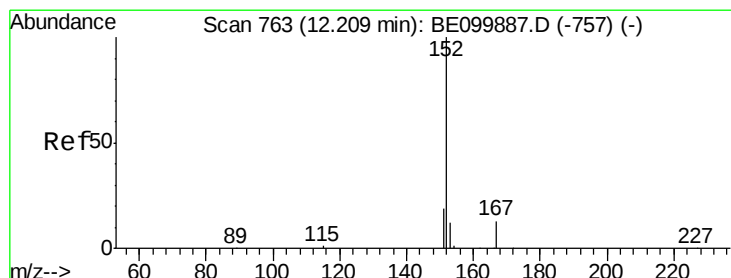
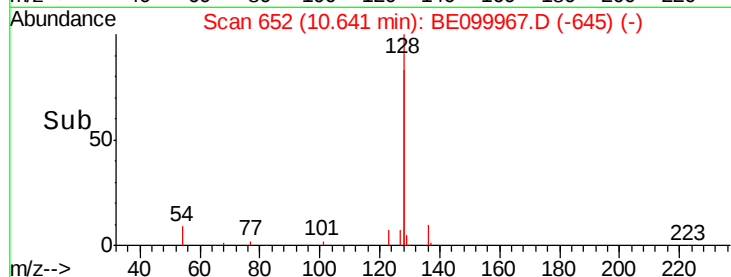
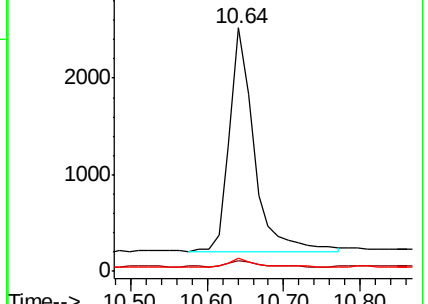
127 5.2 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099967.D

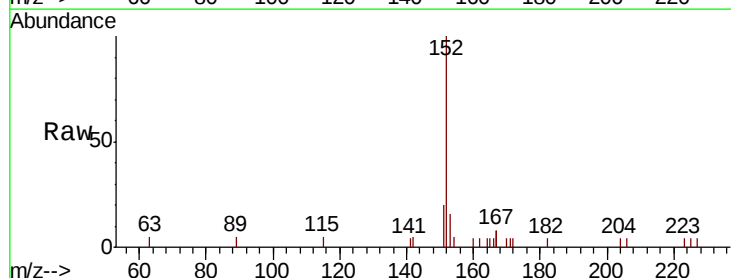
Acq: 12 Jun 2019 21:39

Tgt Ion:152 Resp: 2362

Ion Ratio Lower Upper

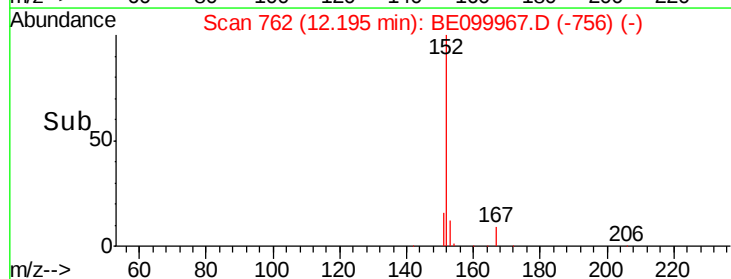
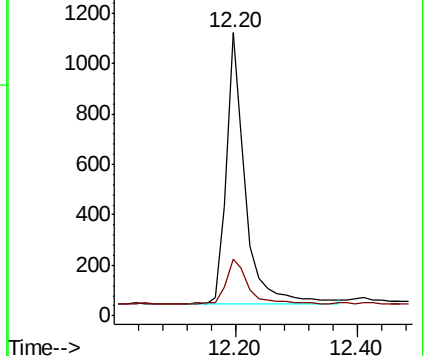
152 100

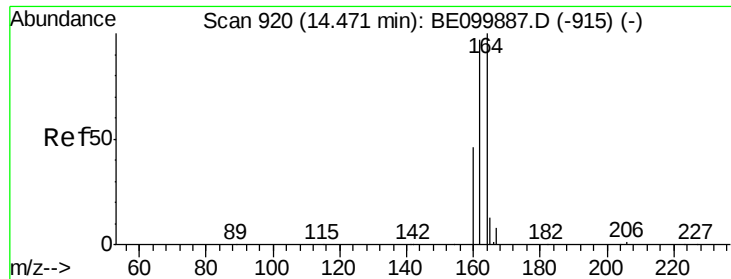
151 19.5 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

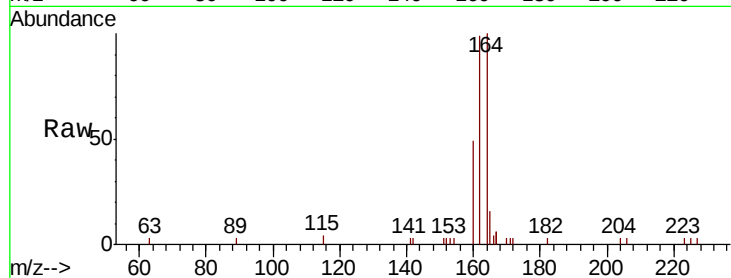




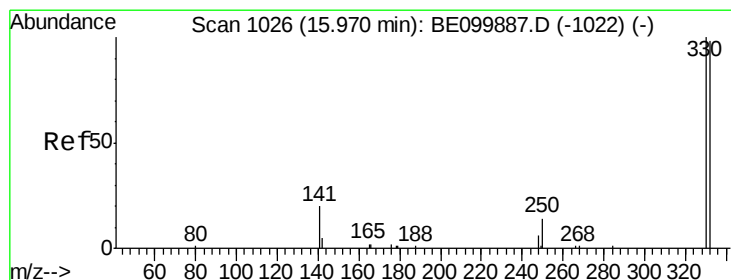
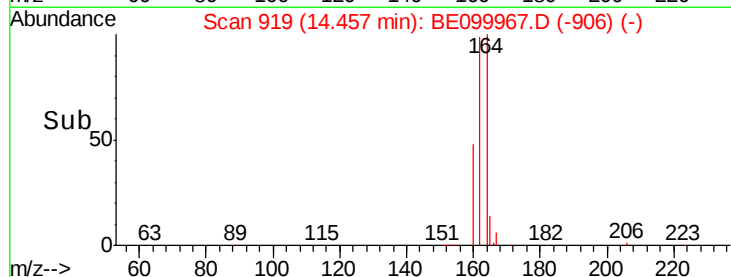
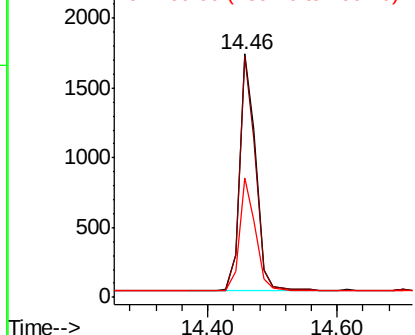
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BE099967.D
 Acq: 12 Jun 2019 21:39

Instrument :
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 BP-FW-MW01-20190608

Tgt Ion:164 Resp: 2926
 Ion Ratio Lower Upper
 164 100
 162 99.1 77.8 116.8
 160 49.0 38.2 57.4

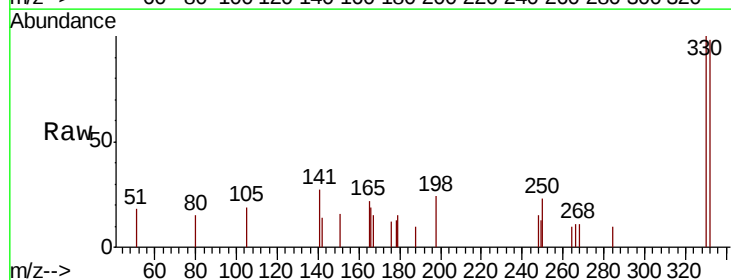


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

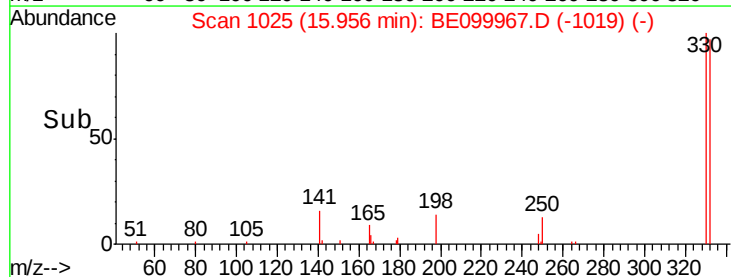
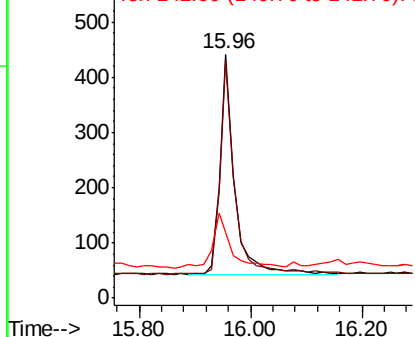


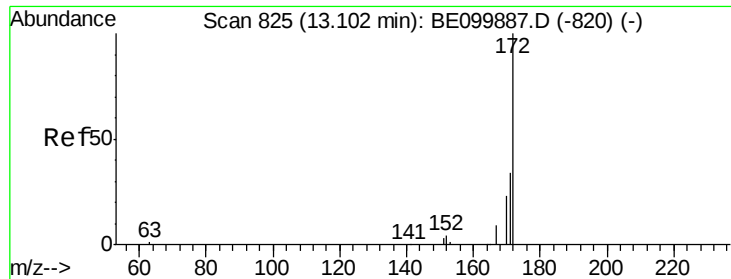
#14
 2,4,6-Tribromophenol
 Concen: 0.345 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099967.D
 Acq: 12 Jun 2019 21:39

Tgt Ion:330 Resp: 746
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 28.7 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

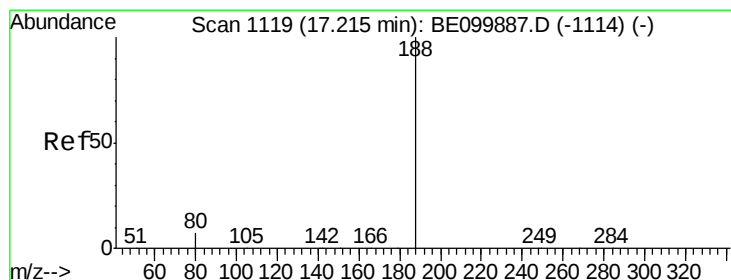
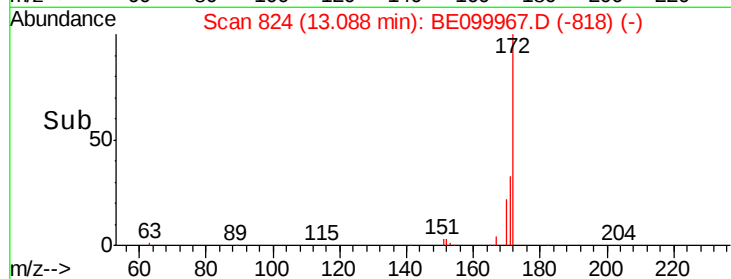
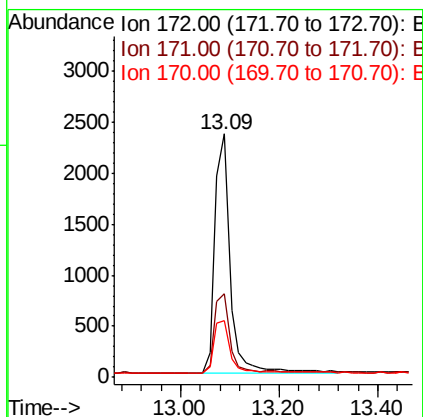
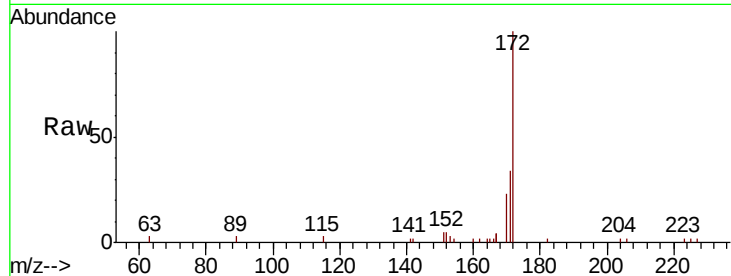




#15
2-Fluorobiphenyl
Concen: 0.447 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

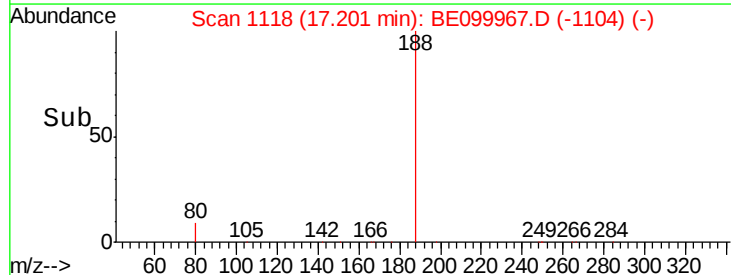
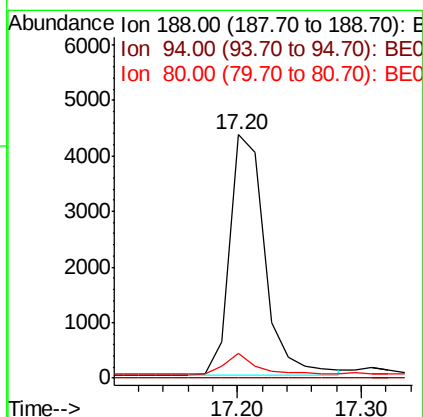
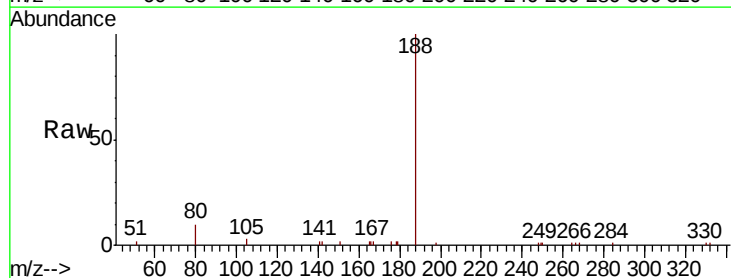
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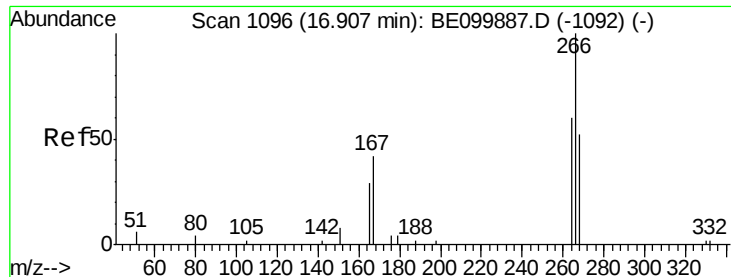
Tgt Ion:172 Resp: 4956
Ion Ratio Lower Upper
172 100
171 34.4 29.2 43.8
170 23.4 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:188 Resp: 8502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 6.4 9.6#





#22

Pentachlorophenol

Concen: 0.309 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20190608

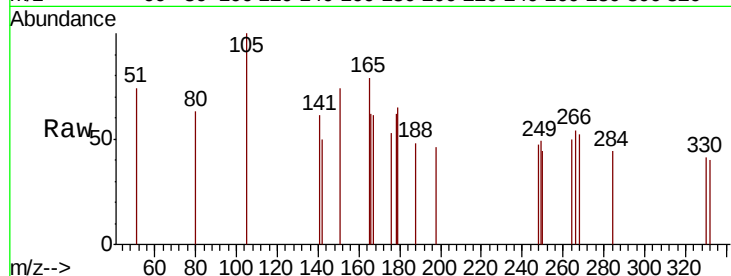
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 91.7 62.2 93.2

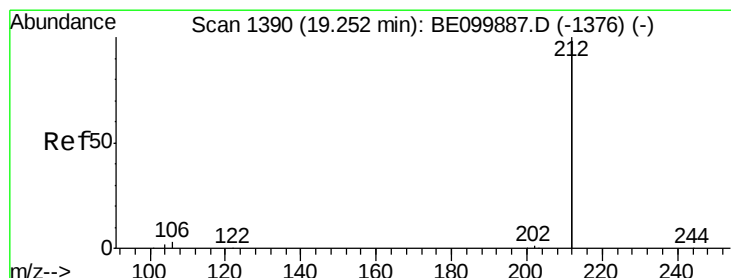
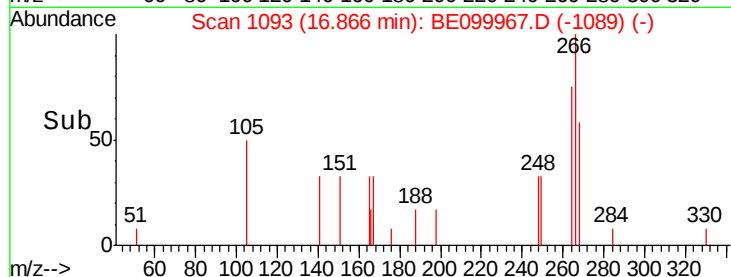
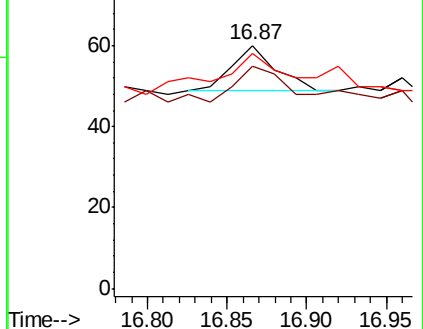
268 96.7 65.5 98.3



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: 0.352 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

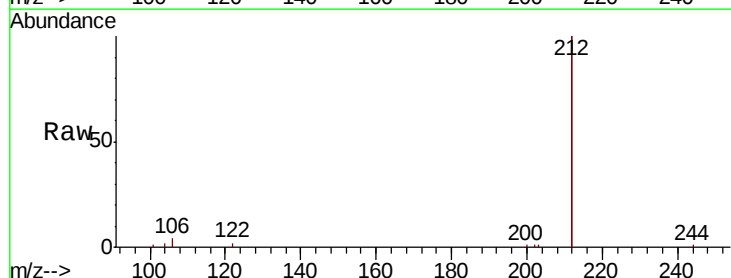
Tgt Ion:212 Resp: 43576

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

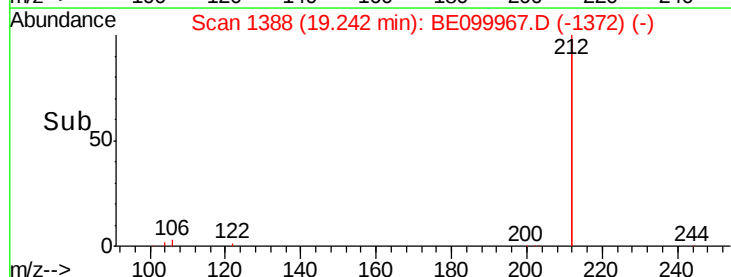
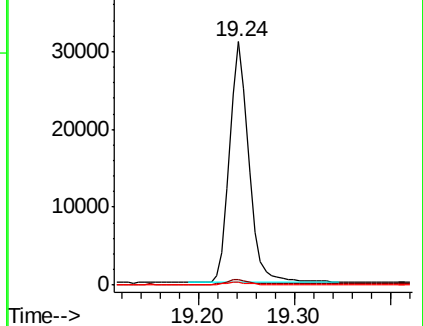
104 1.1 0.9 1.3

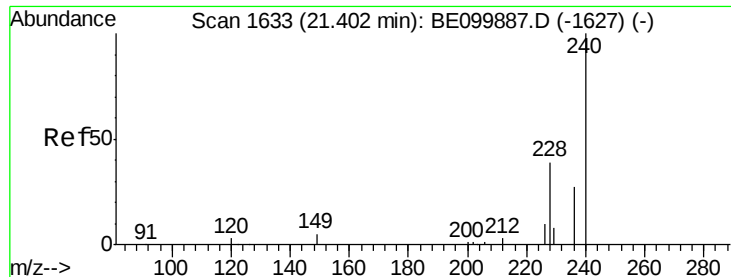


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW01-20190608

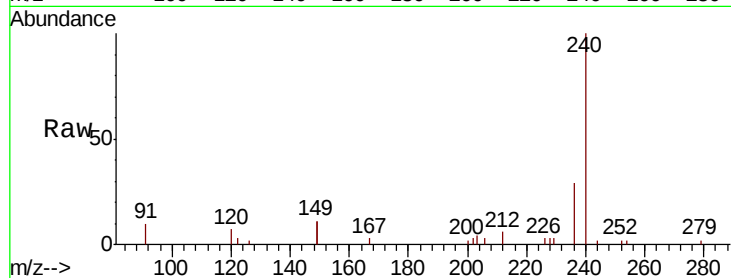
Tgt Ion:240 Resp: 11890

Ion Ratio Lower Upper

240 100

120 7.0 3.8 5.6#

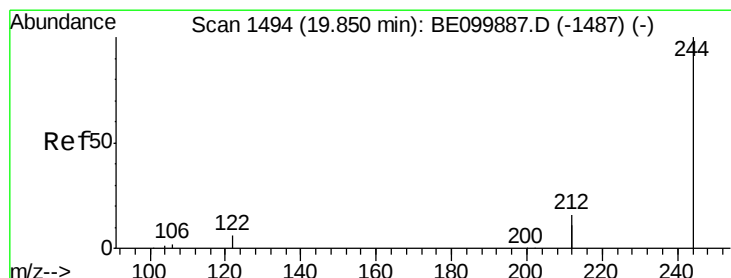
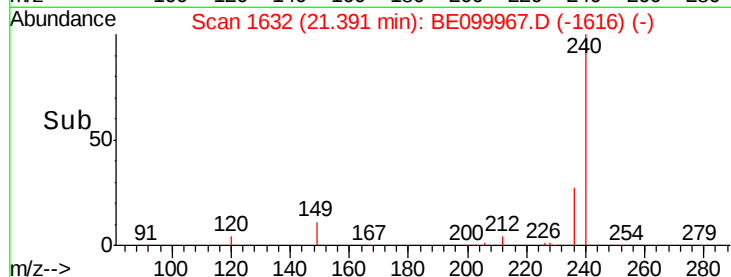
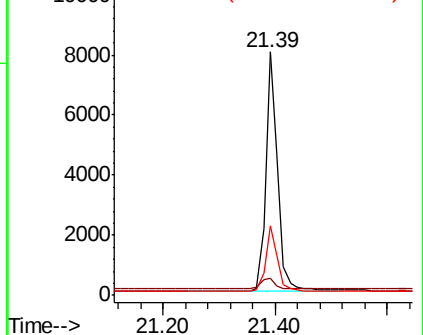
236 28.6 22.0 33.0



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



#29

Terphenyl-d14

Concen: 0.581 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099967.D

Acq: 12 Jun 2019 21:39

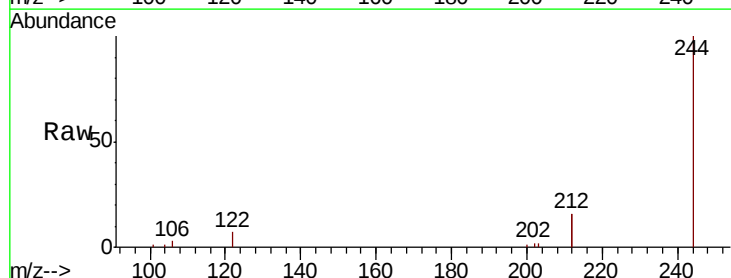
Tgt Ion:244 Resp: 12427

Ion Ratio Lower Upper

244 100

212 31.2 25.7 38.5

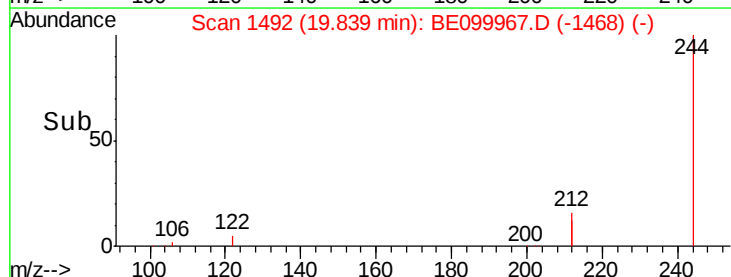
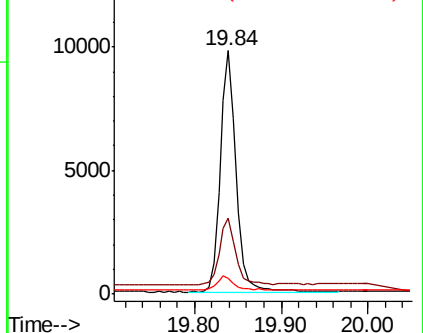
122 6.7 5.5 8.3

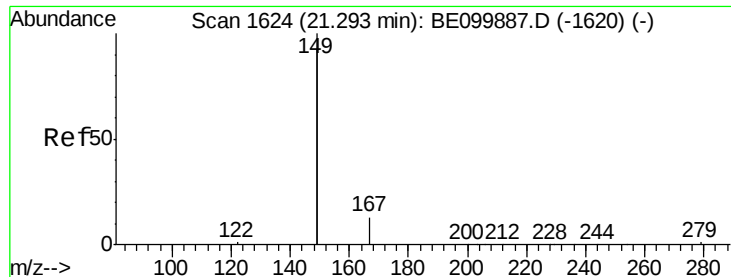


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

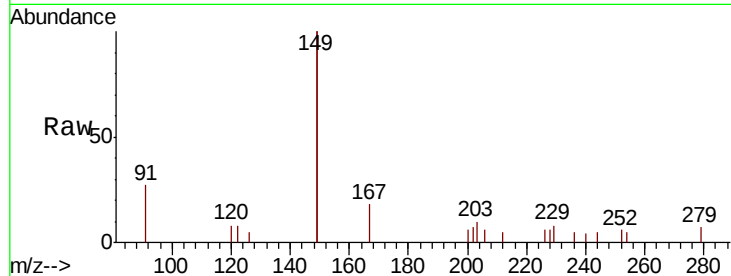




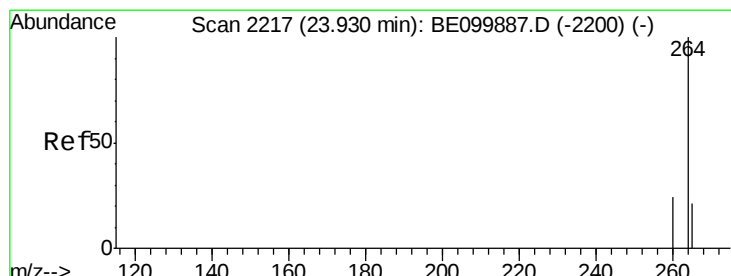
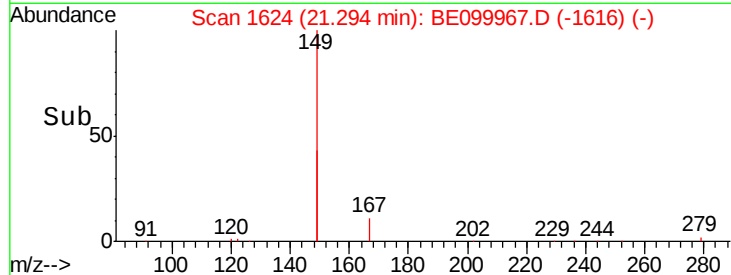
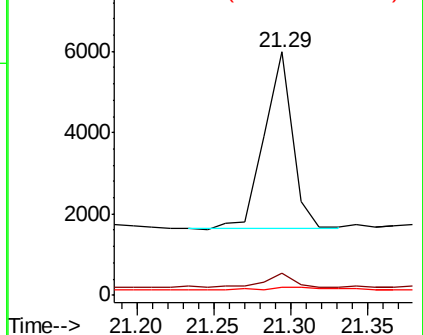
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099967.D
 Acq: 12 Jun 2019 21:39

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW01-20190608

Tgt Ion:149 Resp: 5588
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.9 8.9
 279 3.0 1.2 1.8#

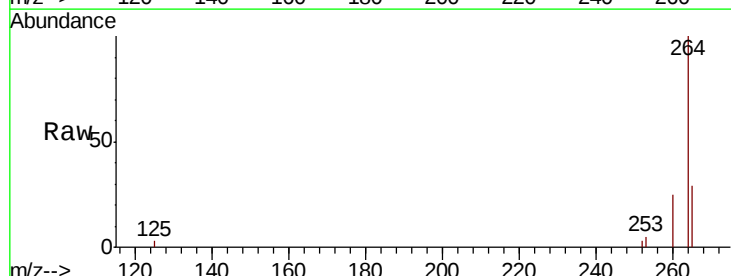


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BE099967.D
 Acq: 12 Jun 2019 21:39

Tgt Ion:264 Resp: 13681
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 28.5 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

