

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099962.D
 Acq On : 12 Jun 2019 18:37
 Operator : JU/SJ
 Sample : K3280-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20190608

Quant Time: Jun 13 04:10:24 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

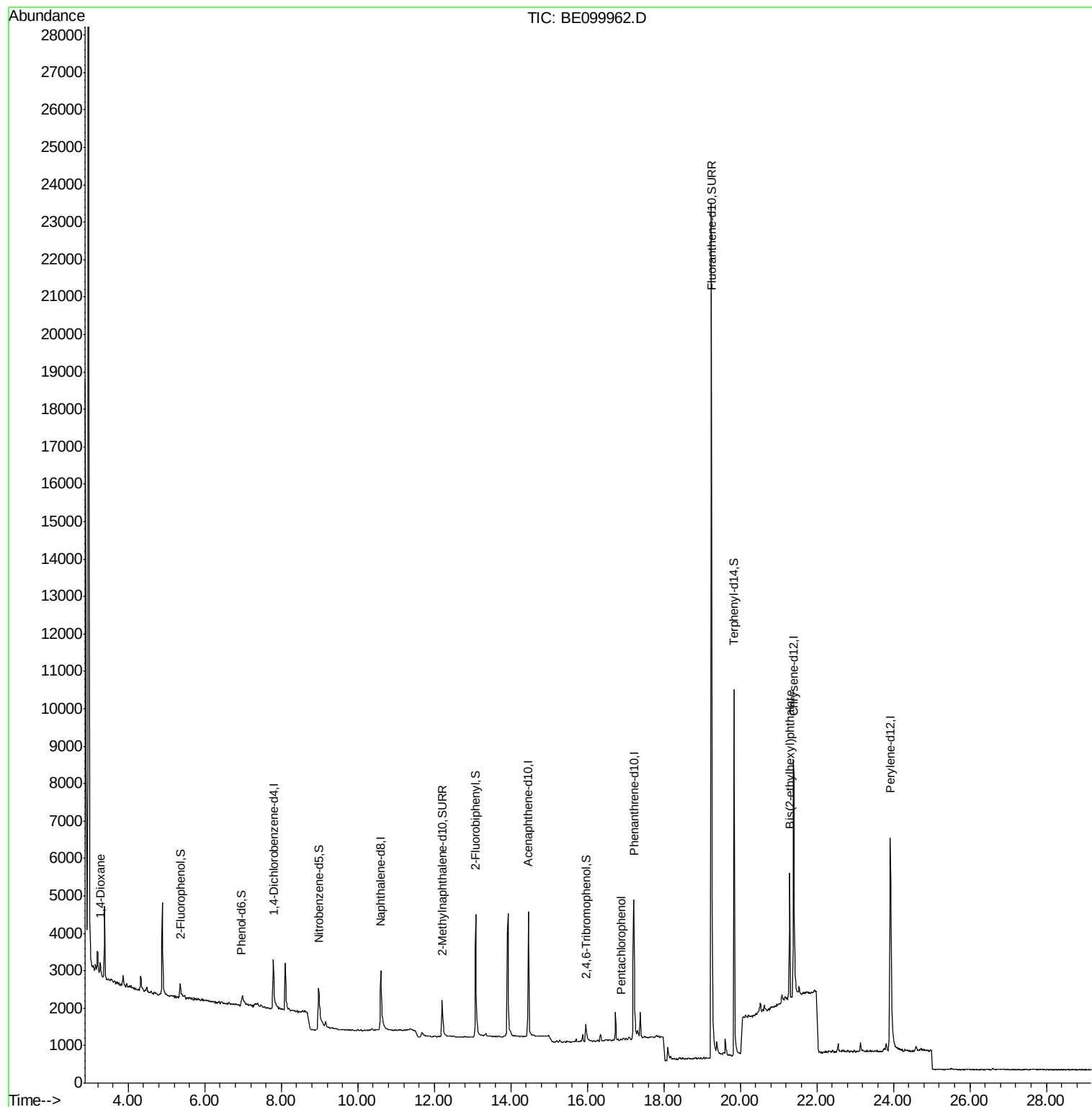
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	922	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3149	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2376	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	7108	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9879	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10995	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	334	0.13	ng	0.00
5) Phenol-d6	6.96	99	263	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	1136	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1945	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	475	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4135	0.46	ng	-0.01
25) Fluoranthene-d10	19.25	212	36665	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	10175	0.57	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	270	0.198	ng	Qvalue # 39
22) Pentachlorophenol	16.88	266	43	0.321	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	4374	0.103	ng	# 100

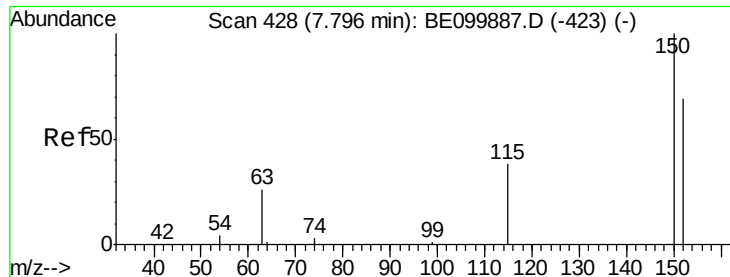
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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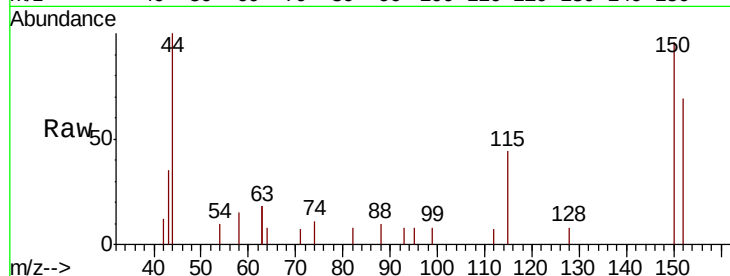


#1

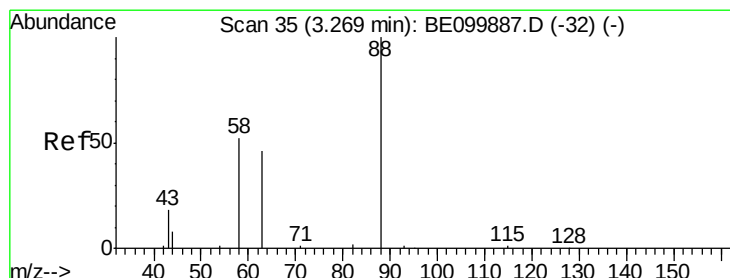
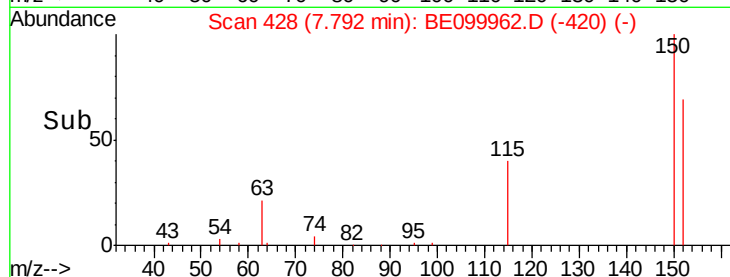
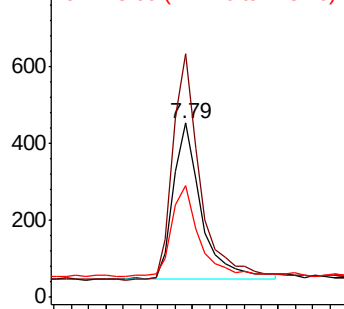
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099962.D
Acq: 12 Jun 2019 18:37

Instrument :
BNA_E
ClientSampleId :
BP-FW-MW03-20190608

Tgt Ion: 152 Resp: 922
Ion Ratio Lower Upper
152 100
150 139.7 111.0 166.6
115 64.2 50.7 76.1



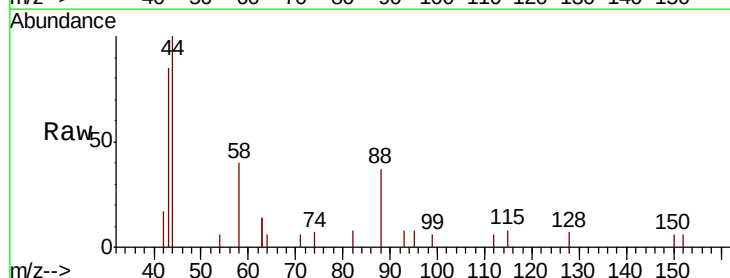
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



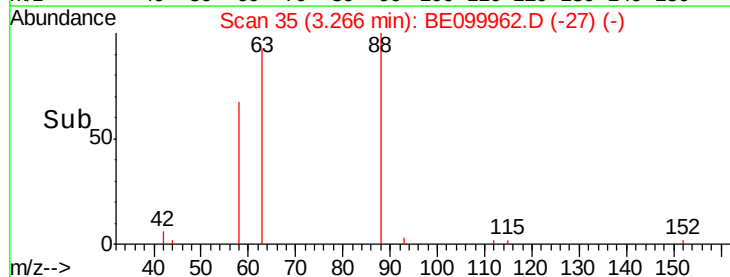
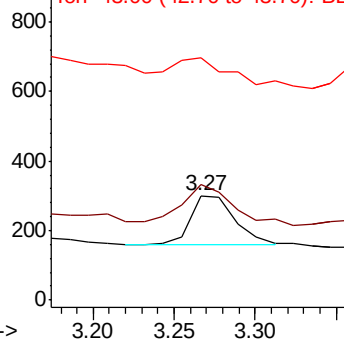
#2

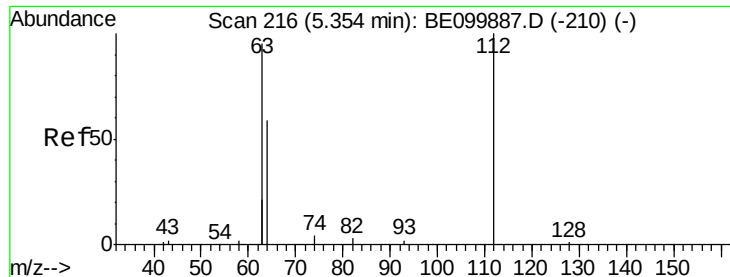
1,4-Dioxane
Concen: 0.198 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099962.D
Acq: 12 Jun 2019 18:37

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
58 94.1 48.8 73.2#
43 76.3 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: 0.134 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20190608

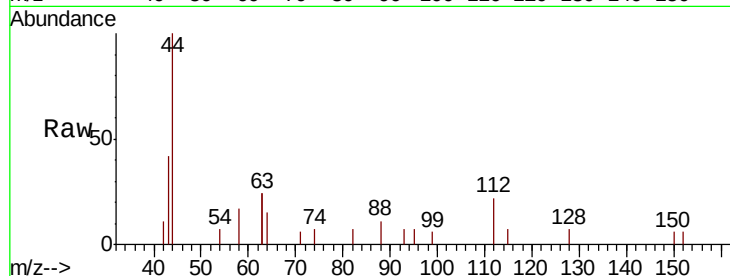
Tgt Ion: 112 Resp: 334

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

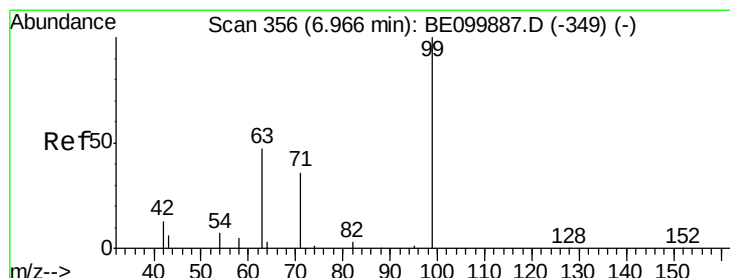
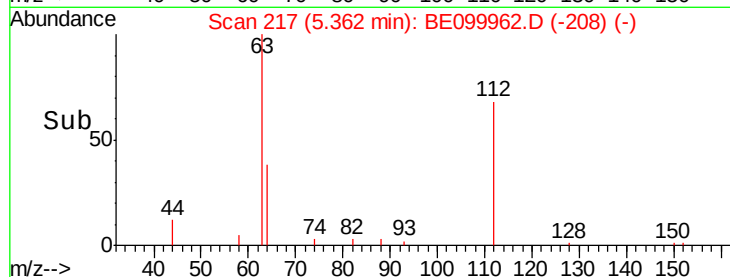
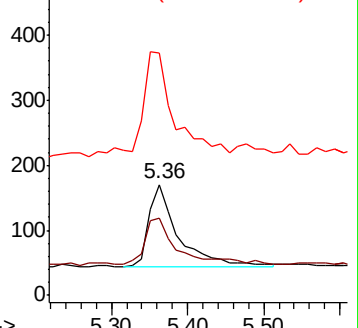
63 138.9 87.8 131.6#



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: 0.082 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

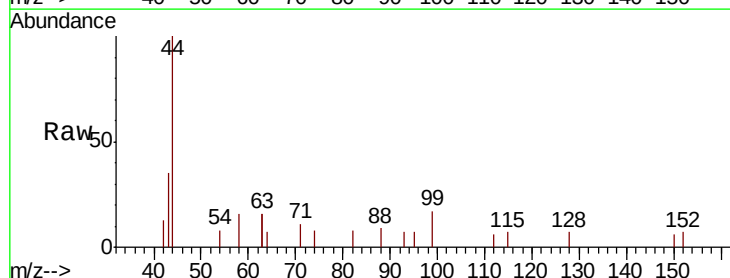
Tgt Ion: 99 Resp: 263

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

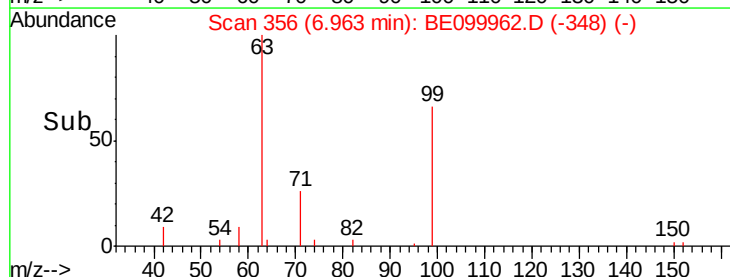
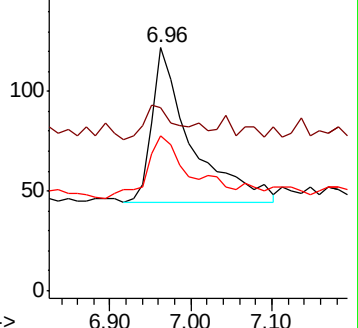
71 45.6 34.6 52.0

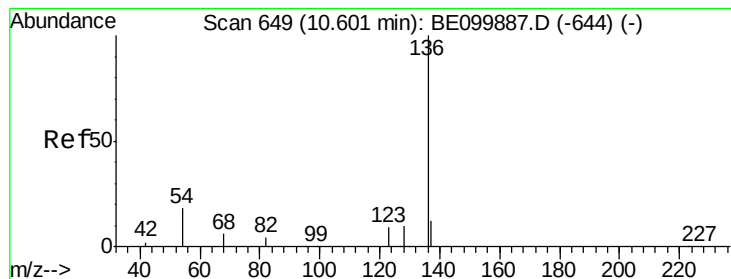


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099962.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20190608

Tgt Ion: 136 Resp: 3149

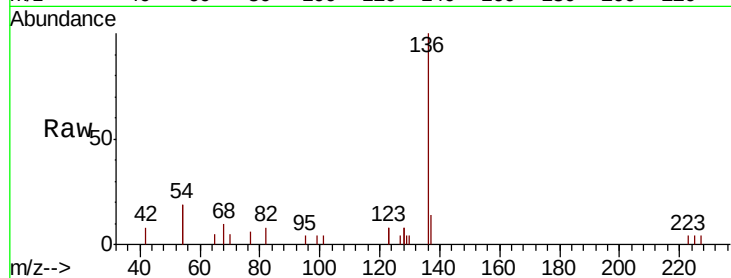
Ion Ratio Lower Upper

136 100

137 14.3 12.3 18.5

54 37.6 28.2 42.4

68 10.3 7.8 11.8

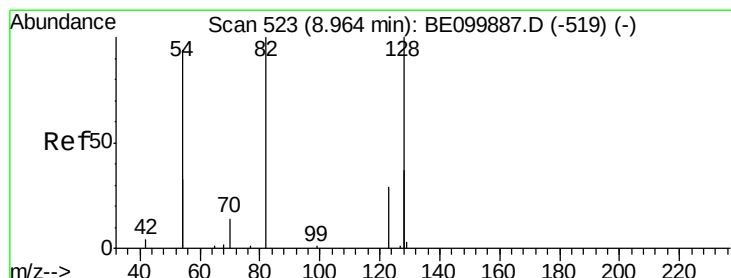
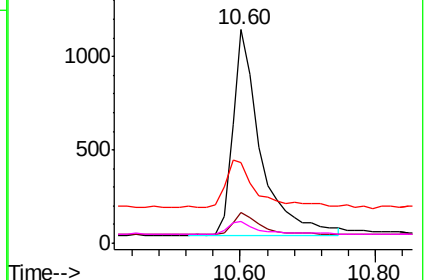
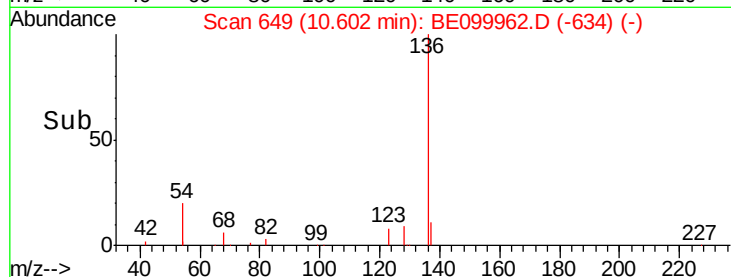


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

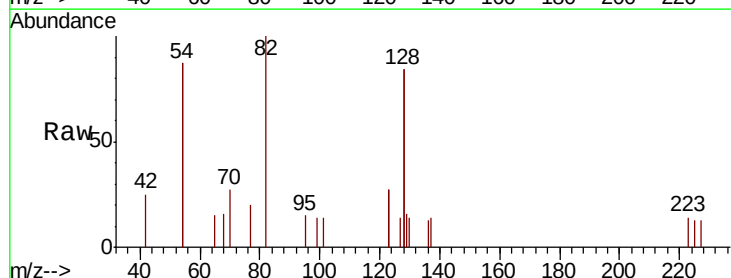
Tgt Ion: 82 Resp: 1136

Ion Ratio Lower Upper

82 100

128 168.1 137.3 205.9

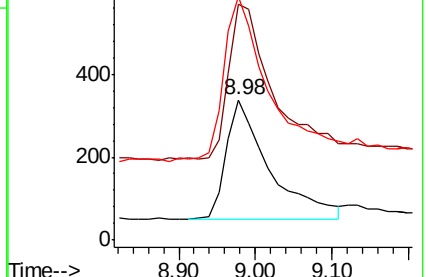
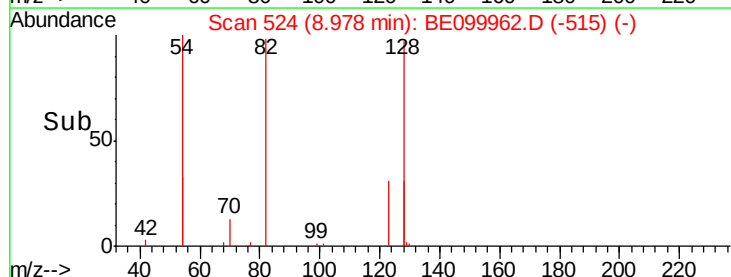
54 173.5 129.7 194.5

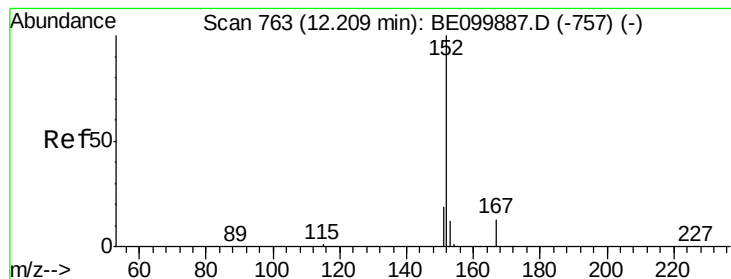


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_E

ClientSampleId :

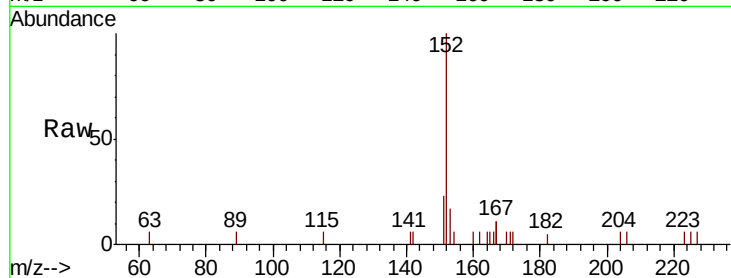
BP-FW-MW03-20190608

Tgt Ion:152 Resp: 1945

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

12.21

800

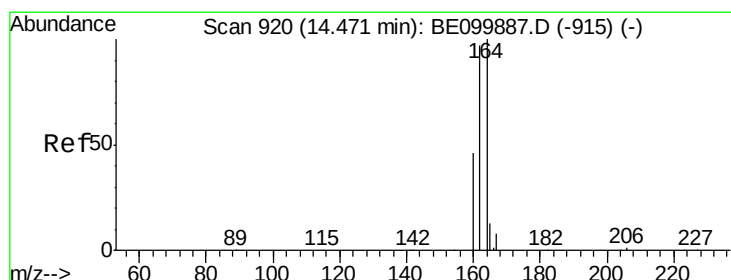
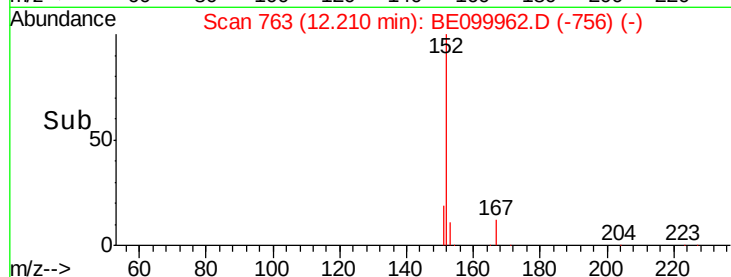
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

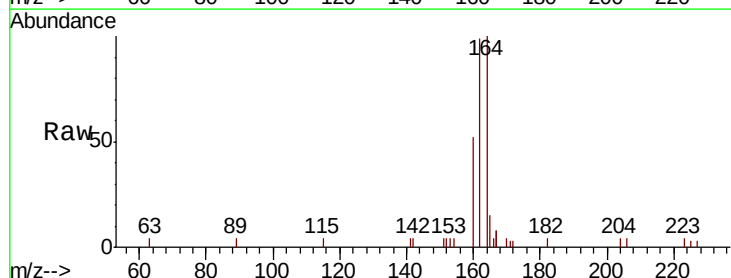
Tgt Ion:164 Resp: 2376

Ion Ratio Lower Upper

164 100

162 98.9 77.8 116.8

160 52.2 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

14.46

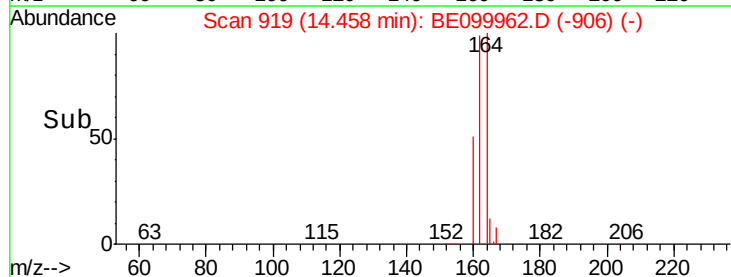
1500

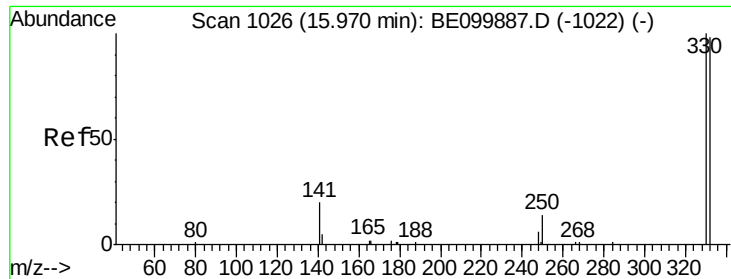
1000

500

0

Time-->

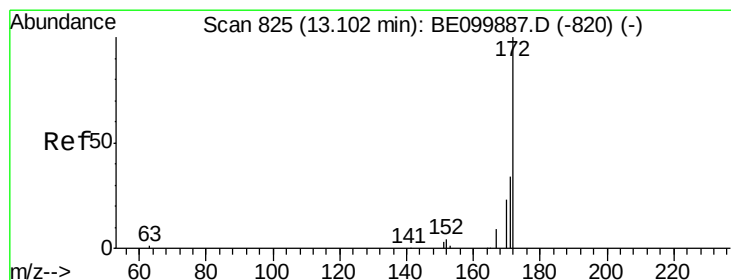
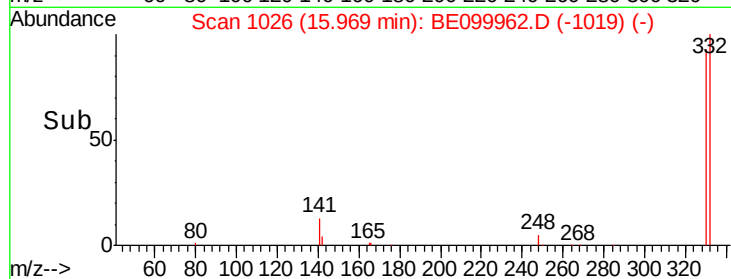
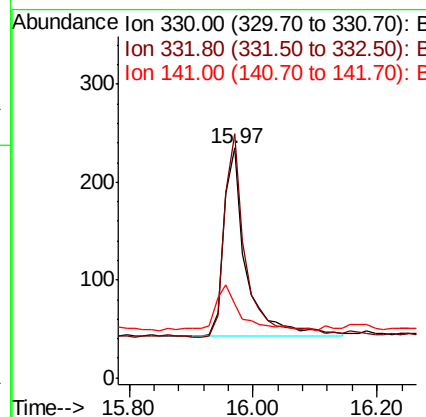
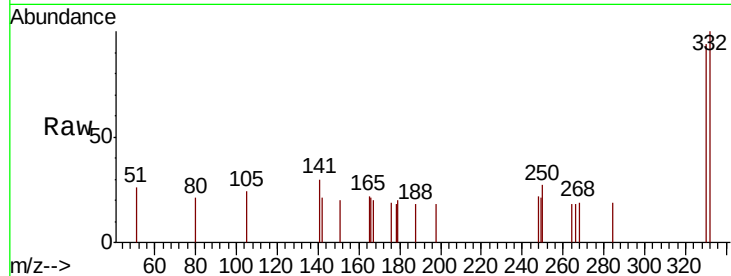




#14
 2,4,6-Tribromophenol
 Concen: 0.270 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099962.D
 Acq: 12 Jun 2019 18:37

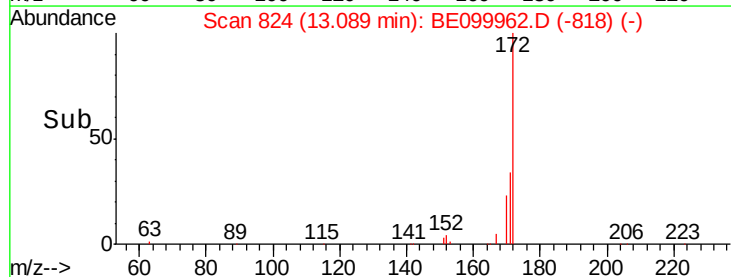
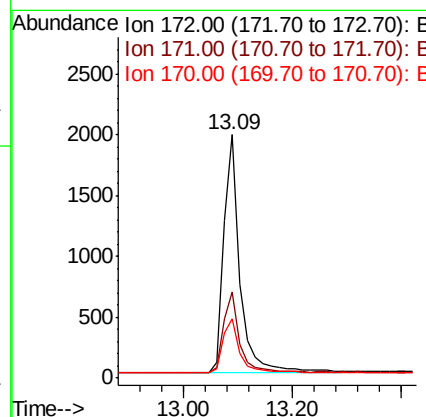
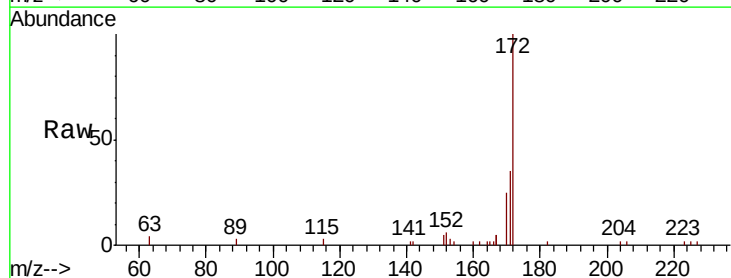
Instrument :
 BNA_E
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 BP-FW-MW03-20190608

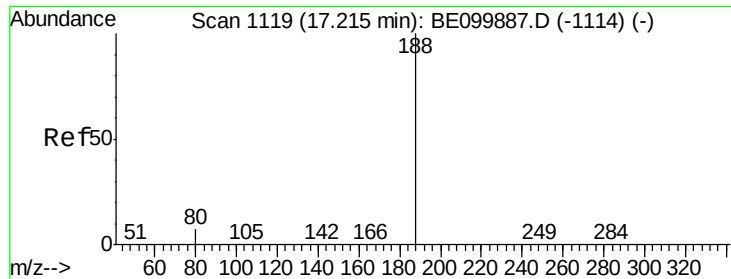
Tgt Ion: 330 Resp: 475
 Ion Ratio Lower Upper
 330 100
 332 106.3 76.7 115.1
 141 25.5 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099962.D
 Acq: 12 Jun 2019 18:37

Tgt Ion: 172 Resp: 4135
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 24.6 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20190608

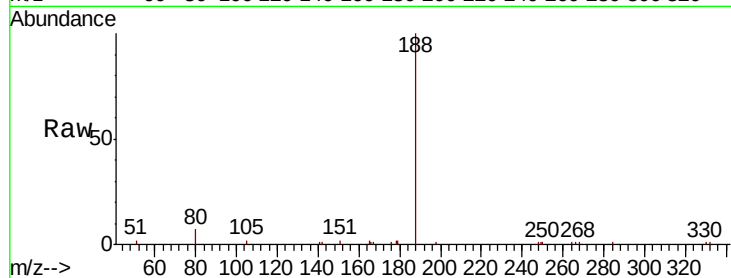
Tgt Ion:188 Resp: 7108

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

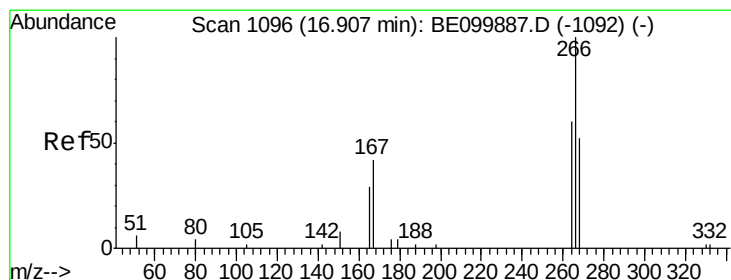
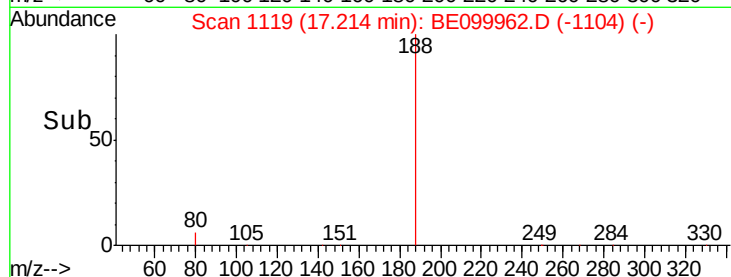
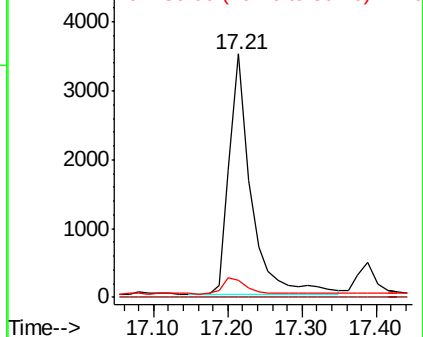
80 7.2 6.4 9.6



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: 0.321 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

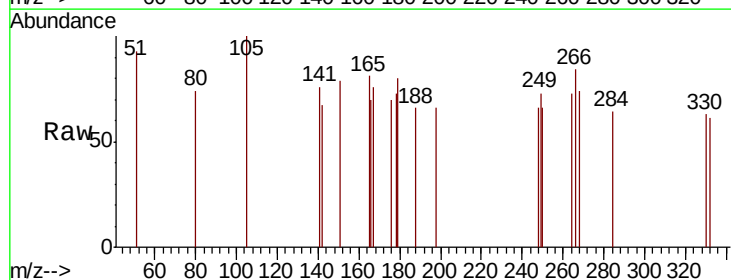
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 86.4 62.2 93.2

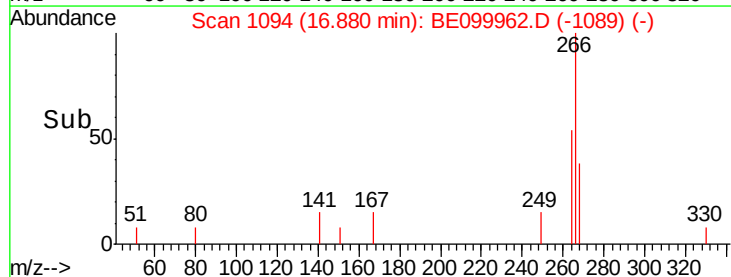
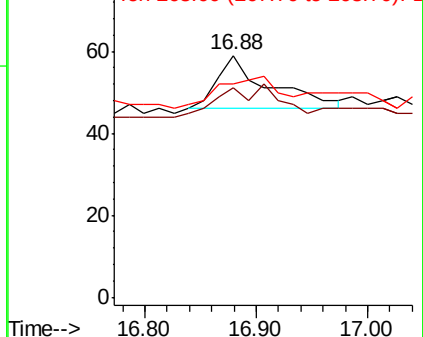
268 88.1 65.5 98.3

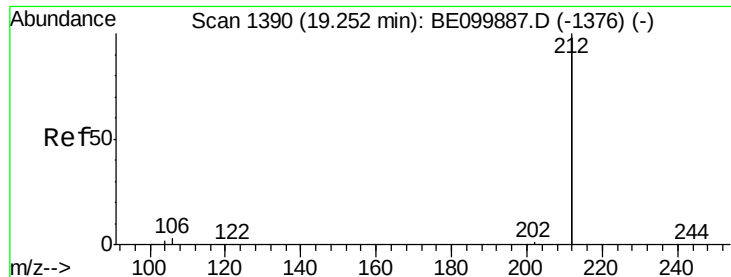


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

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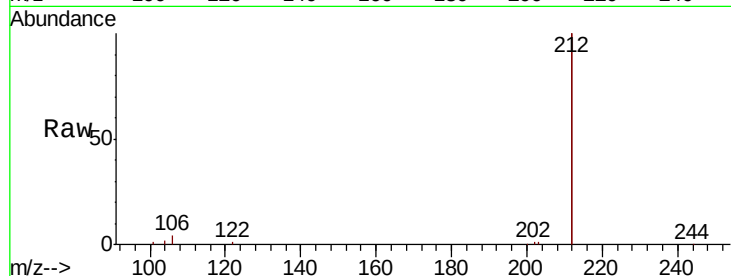
Tgt Ion:212 Resp: 36665

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

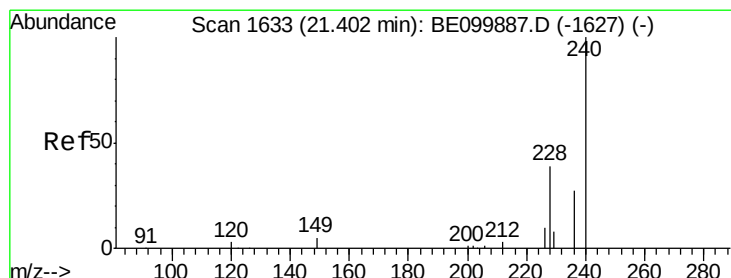
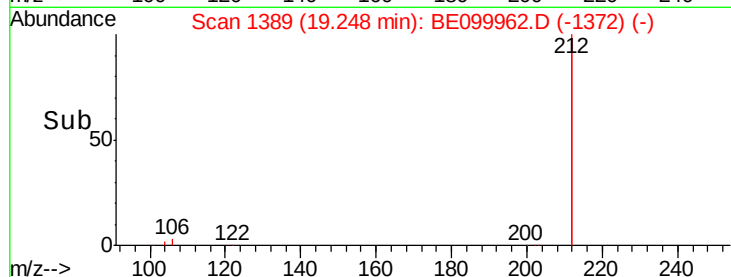
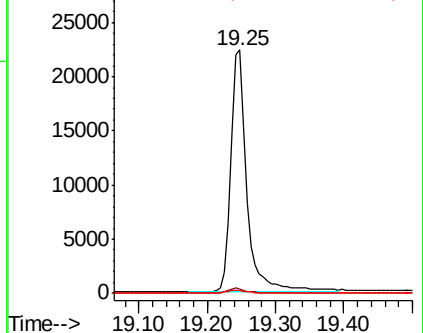
104 1.1 0.9 1.3



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

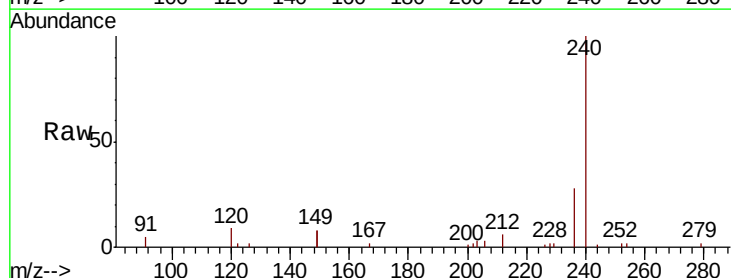
Tgt Ion:240 Resp: 9879

Ion Ratio Lower Upper

240 100

120 9.3 3.8 5.6#

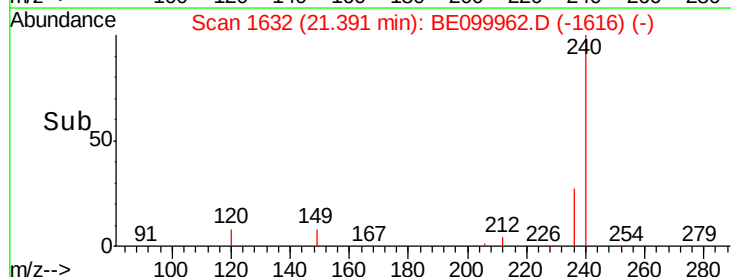
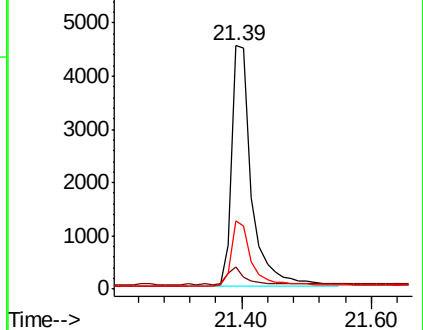
236 28.0 22.0 33.0

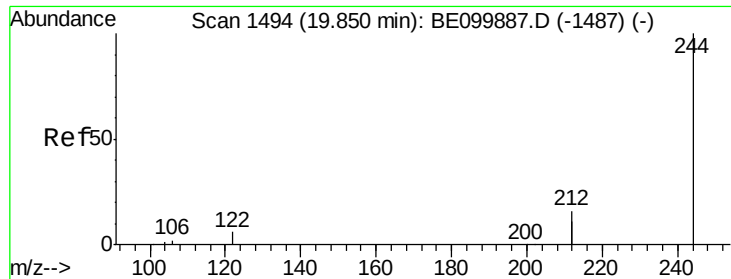


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.572 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20190608

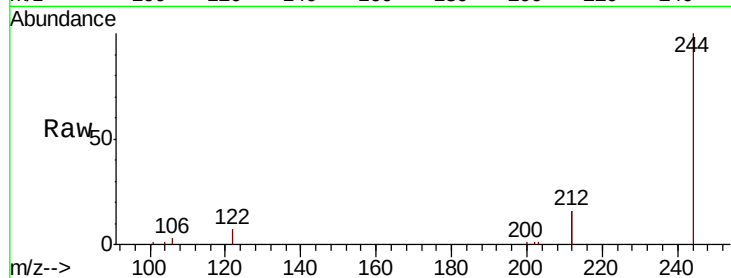
Tgt Ion:244 Resp: 10175

Ion Ratio Lower Upper

244 100

212 31.3 25.7 38.5

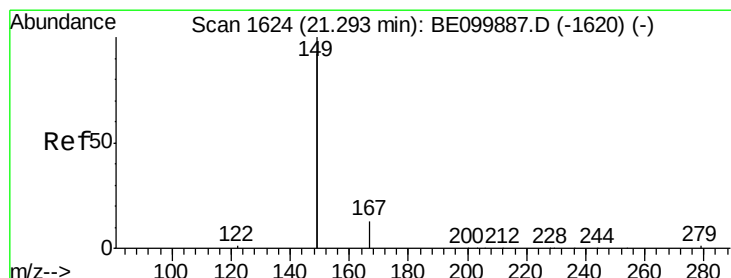
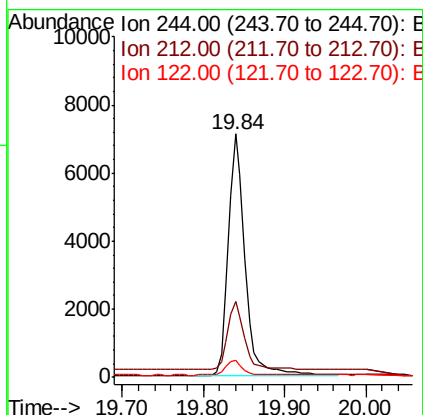
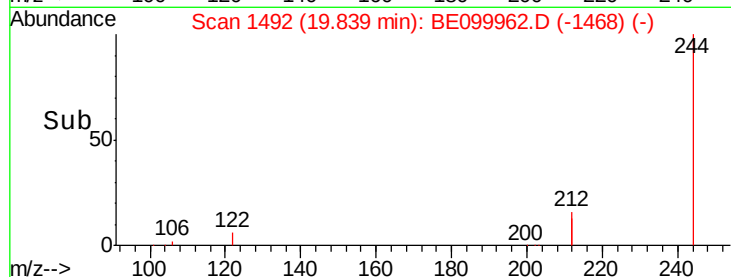
122 7.0 5.5 8.3



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: 0.103 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099962.D

Acq: 12 Jun 2019 18:37

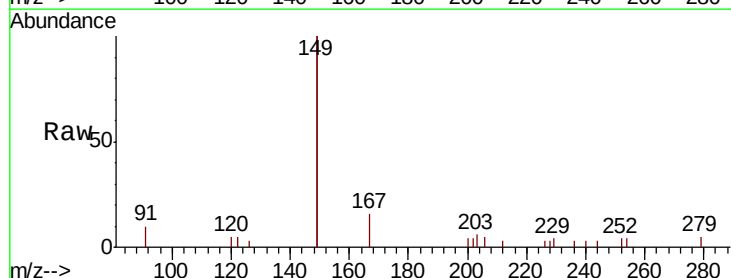
Tgt Ion:149 Resp: 4374

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

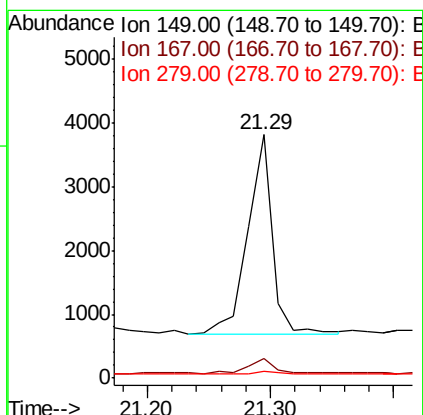
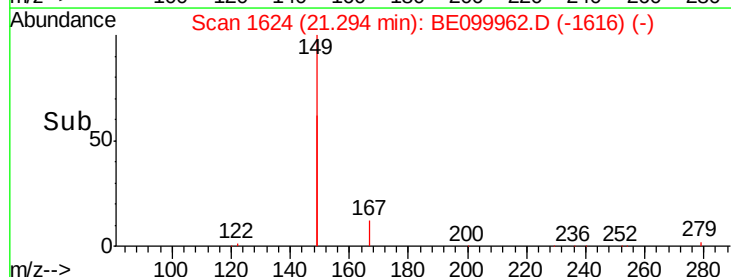
279 1.9 1.2 1.8#

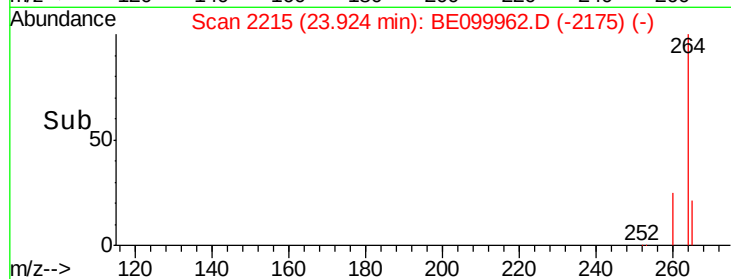
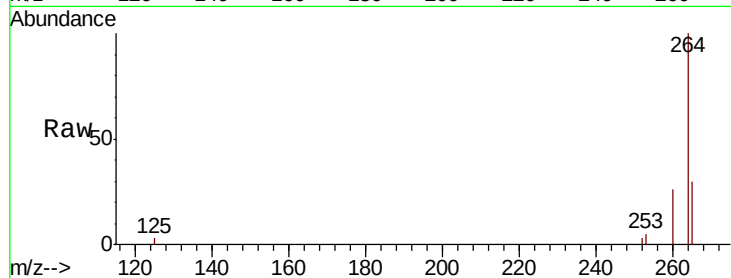
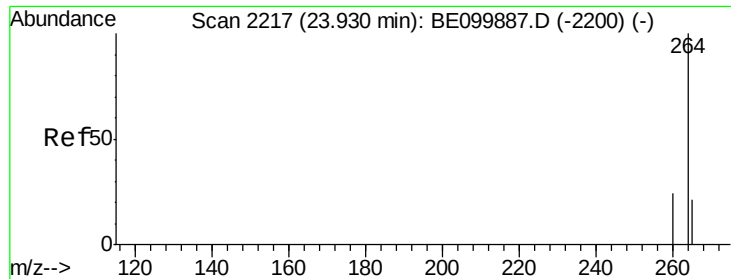


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099962.D

Acq: 12 Jun 2019 18:37

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20190608

Tgt Ion:264 Resp: 10995

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 30.4 22.0 33.0

