

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099954.D
 Acq On : 12 Jun 2019 13:46
 Operator : JU/SJ
 Sample : K3255-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D2-20190605

Quant Time: Jun 13 04:09:08 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

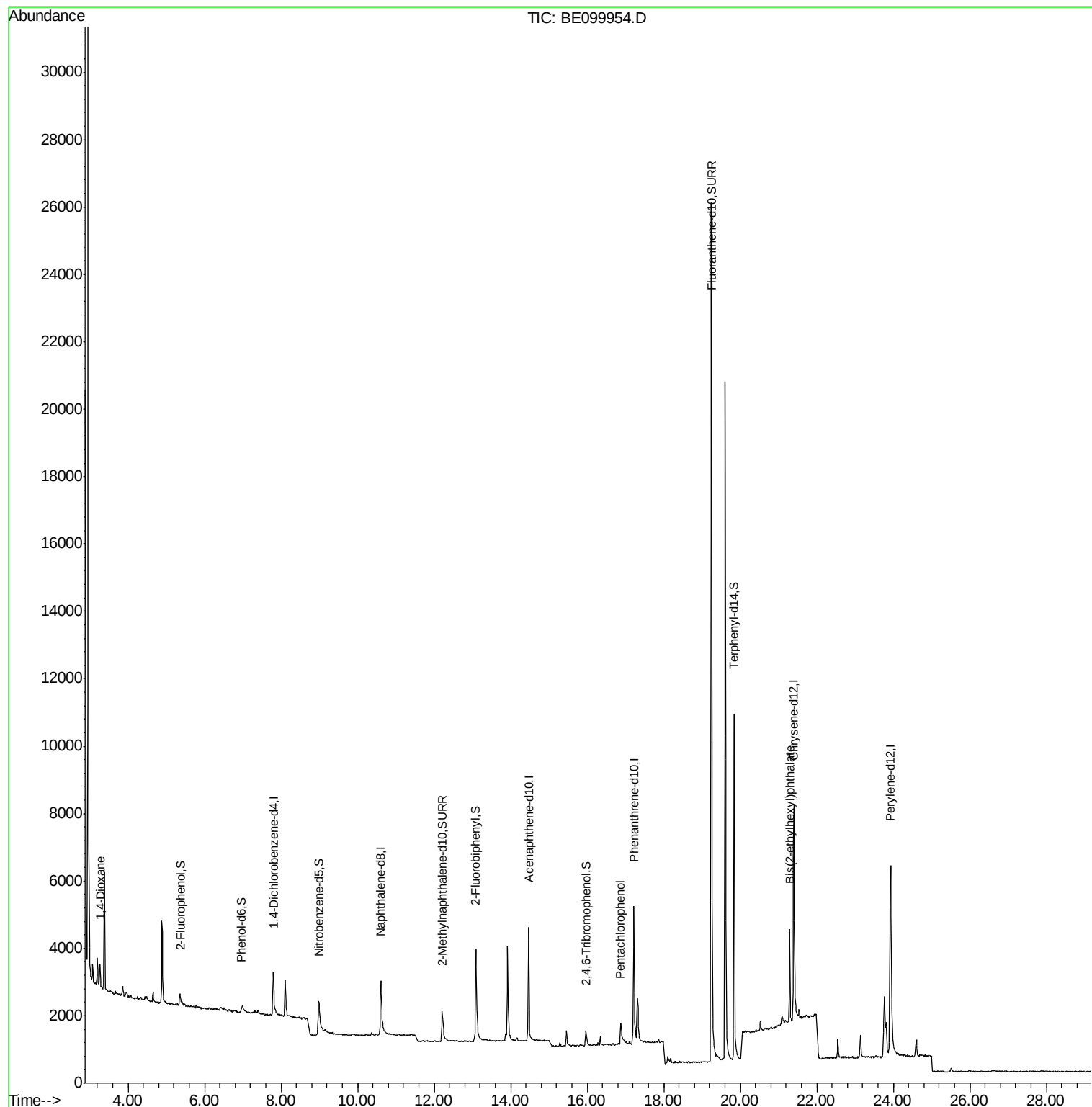
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3293	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2644	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7358	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9755	0.40	ng	0.00
34) Perylene-d12	23.93	264	10611	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	340	0.14	ng	0.00
5) Phenol-d6	6.96	99	234	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	1112	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1975	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	490	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4068	0.41	ng	-0.01
25) Fluoranthene-d10	19.25	212	40441	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	10651	0.61	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	583	0.437	ng	Qvalue # 87
22) Pentachlorophenol	16.87	266	735	0.658	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	3211	0.077	ng	99

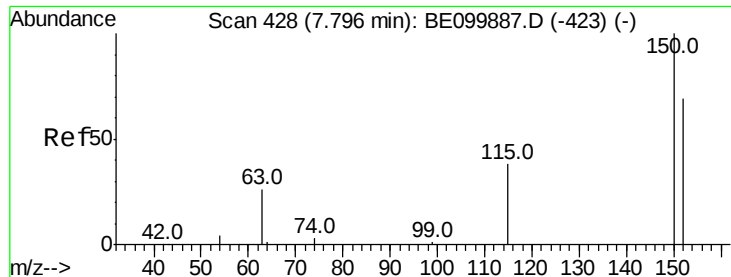
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 04:09:08 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



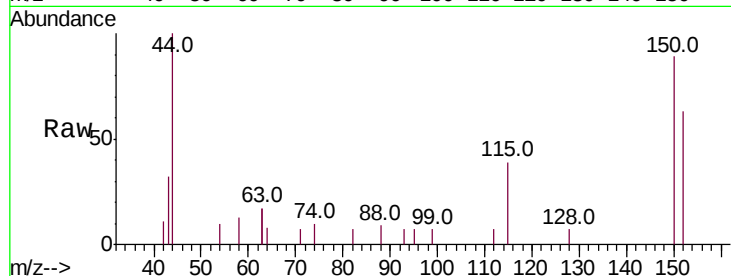


#1

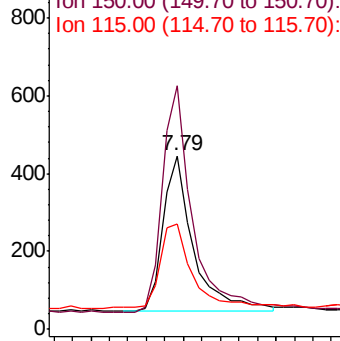
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099954.D
Acq: 12 Jun 2019 13:46

Instrument :
BNA_E
ClientSampleId :
RE123D2-20190605

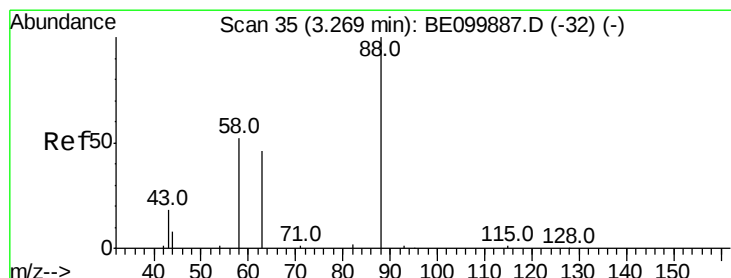
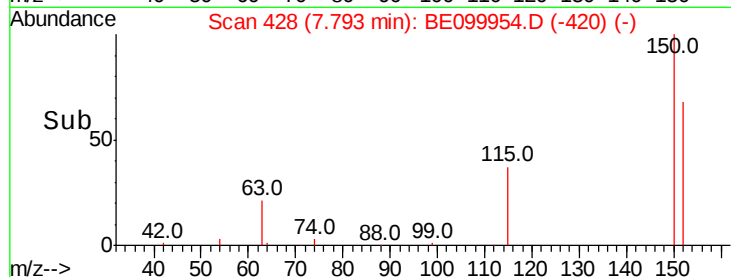
Tot Ion:152 Resp: 902
Ion Ratio Lower Upper
152 100
150 140.4 111.0 166.6
115 60.8 50.7 76.1



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



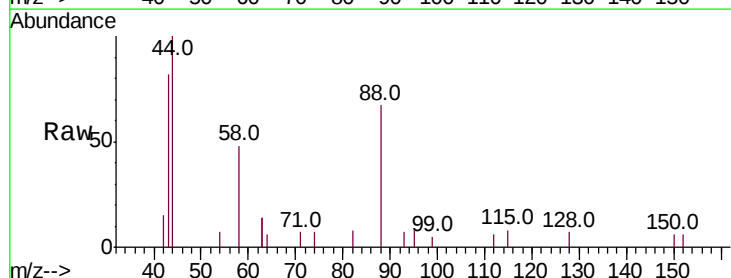
Time-->



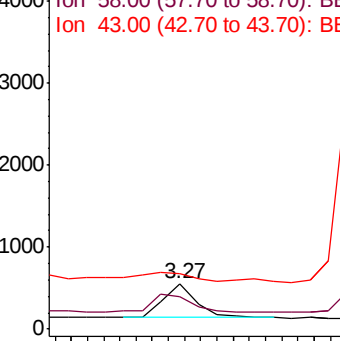
#2

1,4-Dioxane
Concen: 0.437 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099954.D
Acq: 12 Jun 2019 13:46

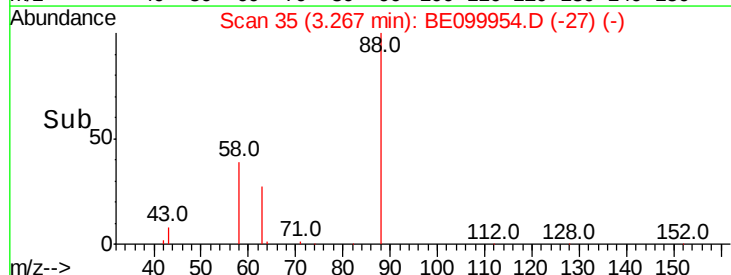
Tgt Ion: 88 Resp: 583
Ion Ratio Lower Upper
88 100
58 65.0 48.8 73.2
43 40.5 19.0 28.6#

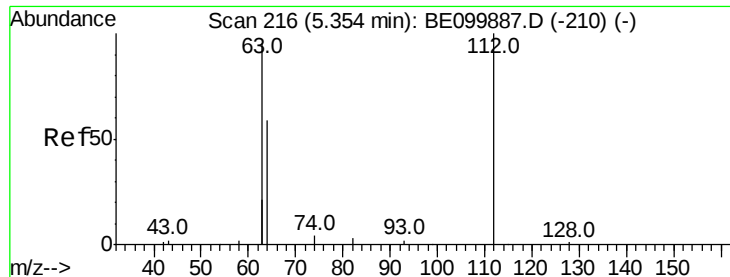


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190605

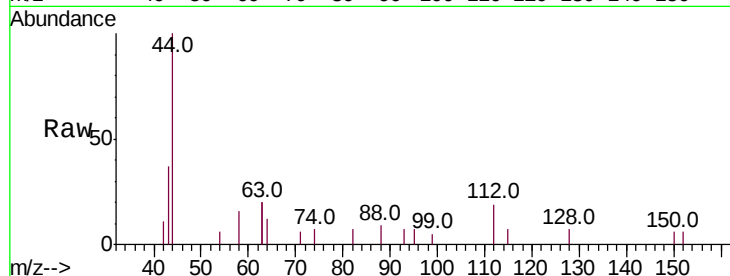
Tot Ion:112 Resp: 340

Ion Ratio Lower Upper

112 100

64 49.1 44.1 66.1

63 135.0 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

500

400

300

200

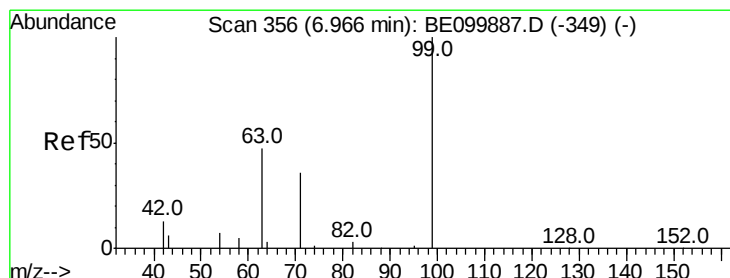
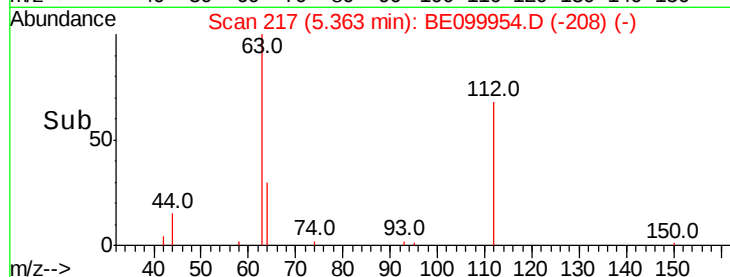
100

0

5.36

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.075 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

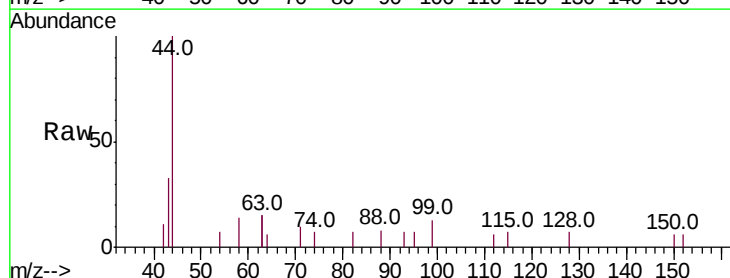
Tgt Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 22.6 15.9 23.9

71 44.0 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

100

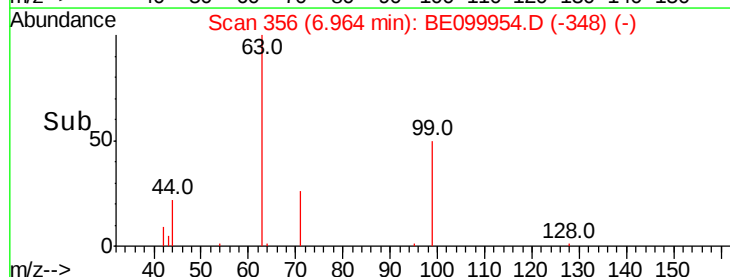
50

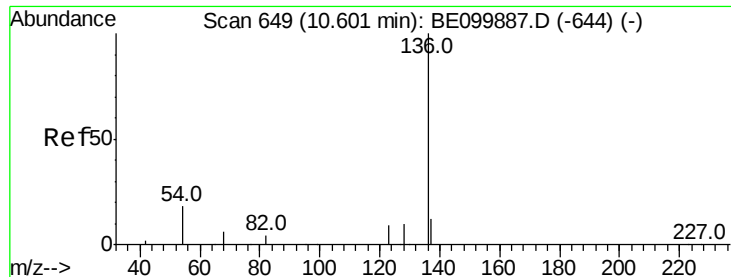
0

6.96

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190605

Tot Ion:136 Resp: 3293

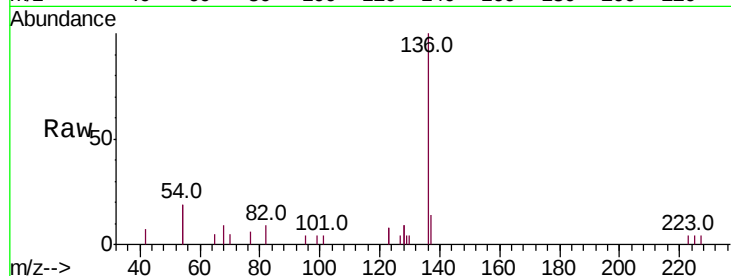
Ion Ratio Lower Upper

136 100

137 14.0 12.3 18.5

54 37.9 28.2 42.4

68 9.4 7.8 11.8

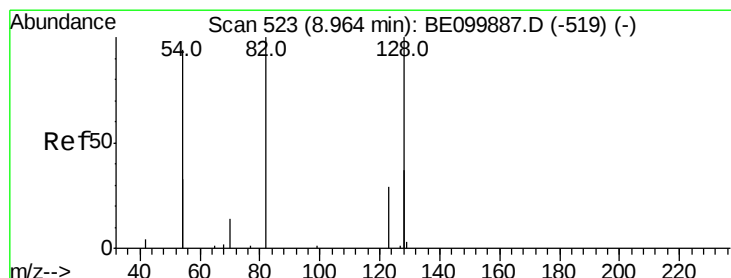
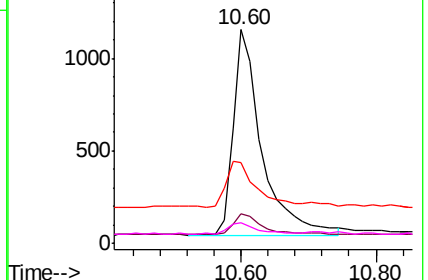
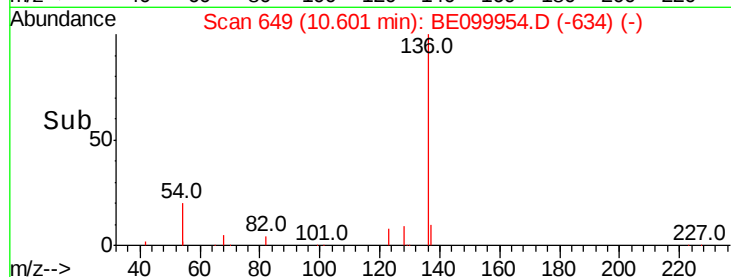


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

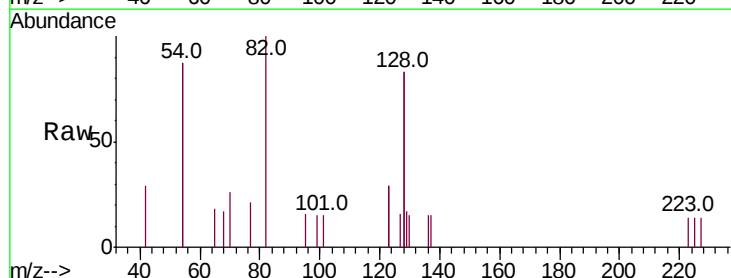
Tgt Ion: 82 Resp: 1112

Ion Ratio Lower Upper

82 100

128 166.9 137.3 205.9

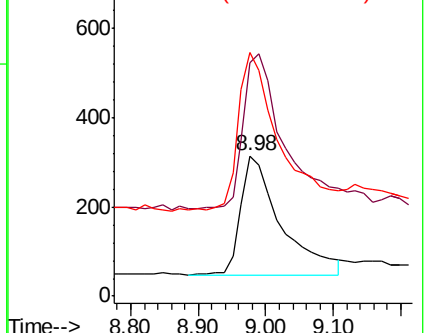
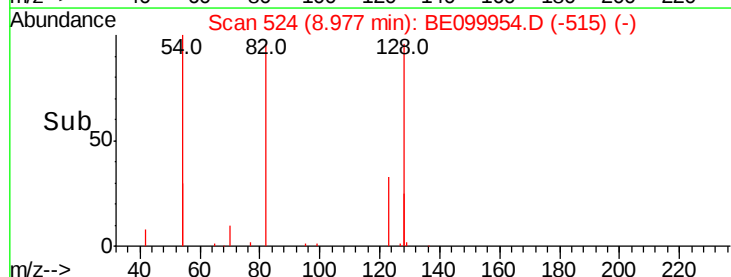
54 173.9 129.7 194.5

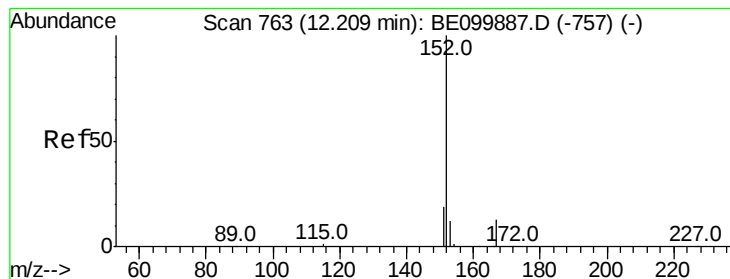


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

BNA_E

ClientSampleId :

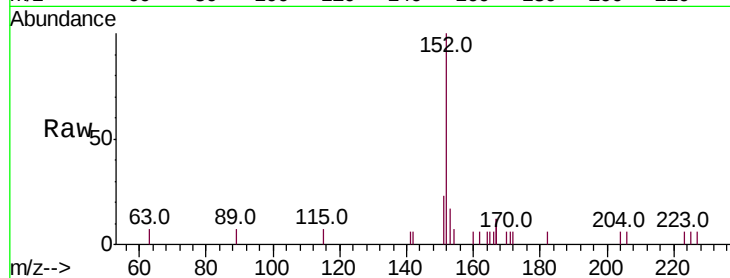
RE123D2-20190605

Tot Ion:152 Resp: 1975

Ion Ratio Lower Upper

152 100

151 18.7 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

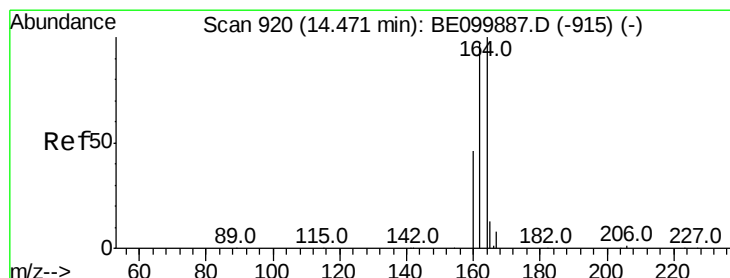
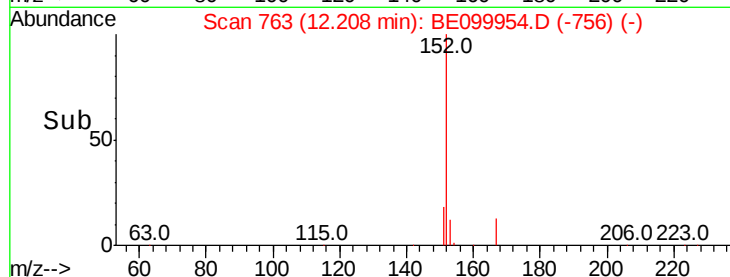
600

400

200

0

Time--> 12.10 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

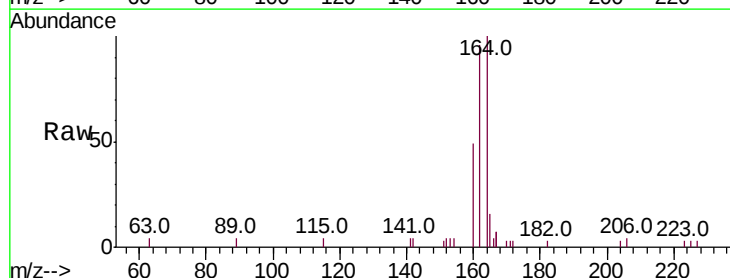
Tgt Ion:164 Resp: 2644

Ion Ratio Lower Upper

164 100

162 95.6 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

14.47

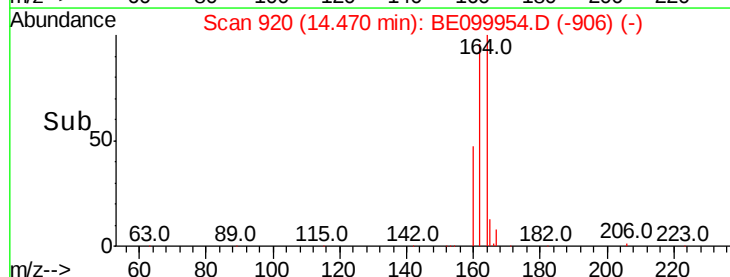
1500

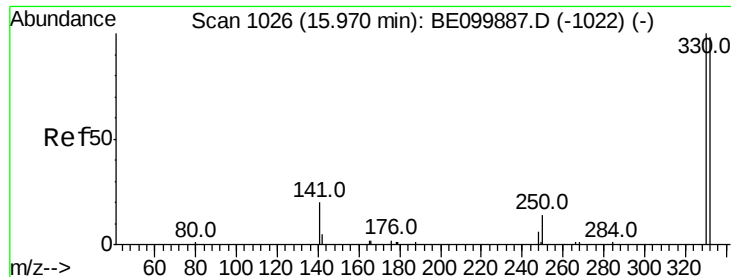
1000

500

0

Time--> 14.40 14.60





#14

2,4,6-Tribromophenol

Concen: 0.251 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190605

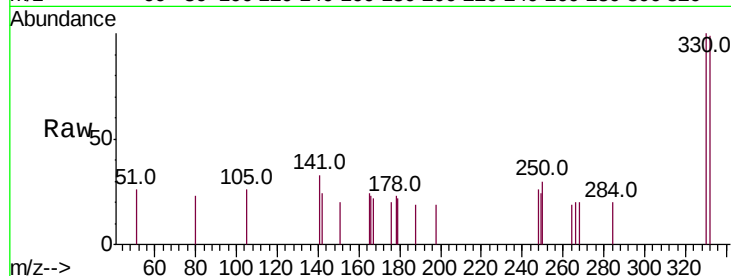
Tot Ion:330 Resp: 490

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 25.3 21.0 31.6

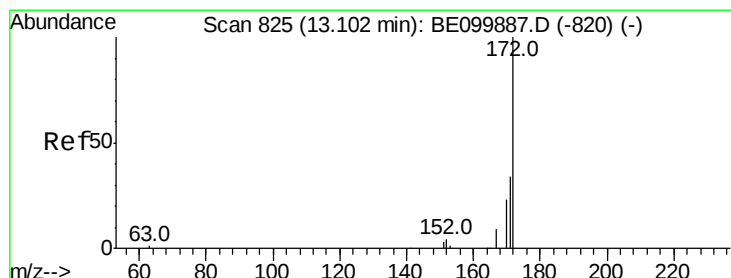
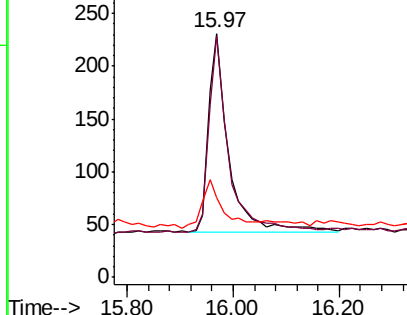
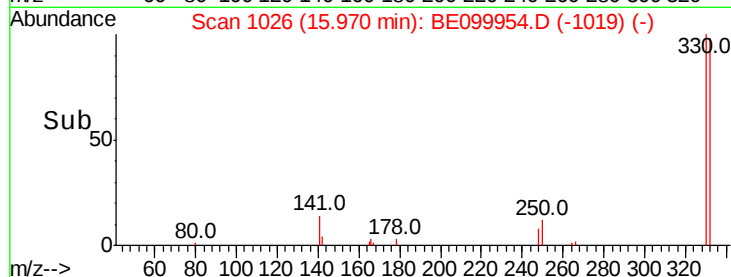


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.97



#15

2-Fluorobiphenyl

Concen: 0.406 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

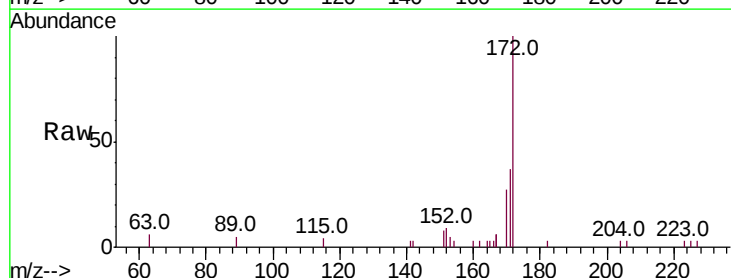
Tgt Ion:172 Resp: 4068

Ion Ratio Lower Upper

172 100

171 37.2 29.2 43.8

170 27.2 21.2 31.8

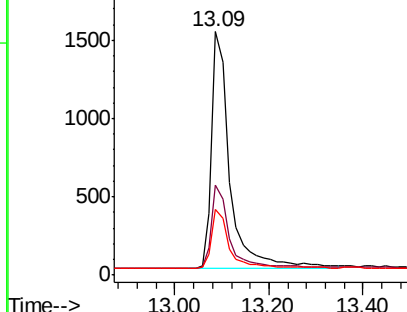
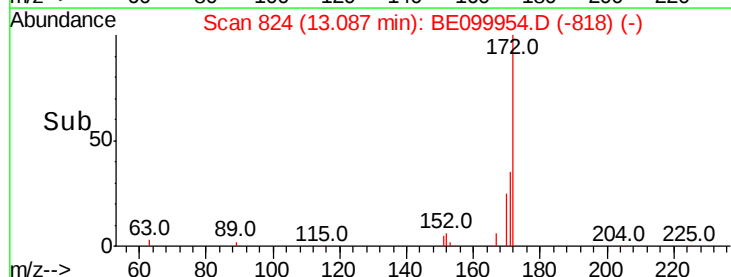


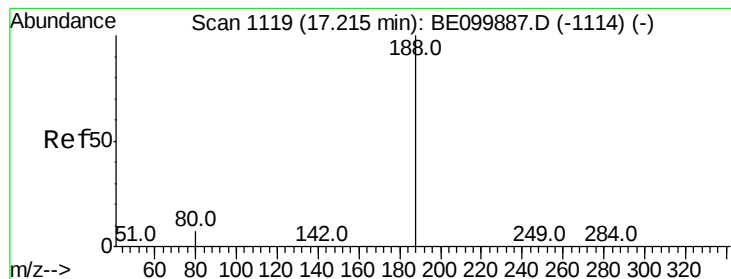
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.09





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

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RE123D2-20190605

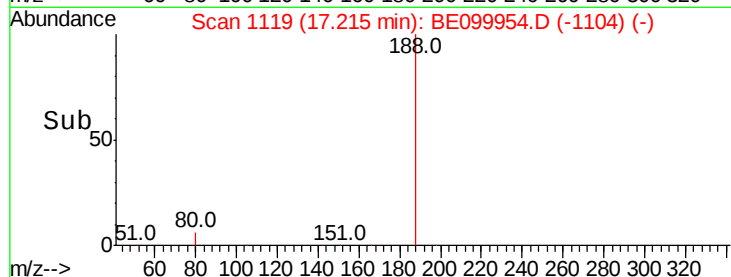
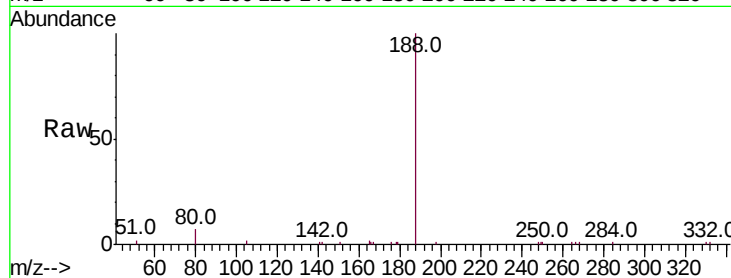
Tot Ion:188 Resp: 7358

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

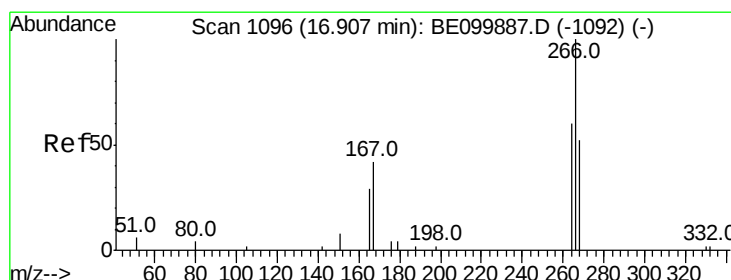
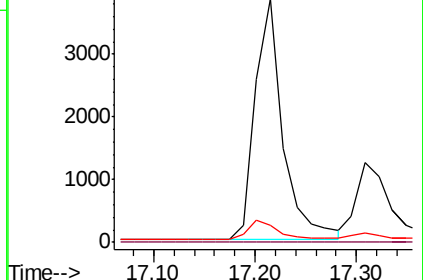
80 6.8 6.4 9.6



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: 0.658 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

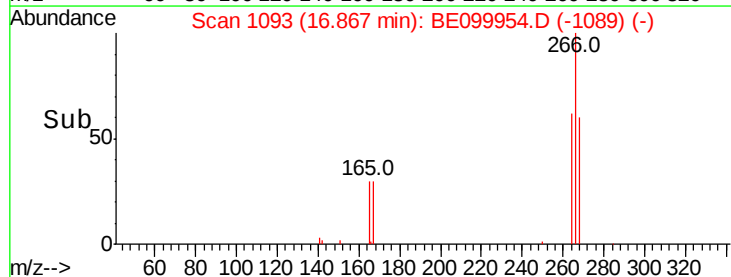
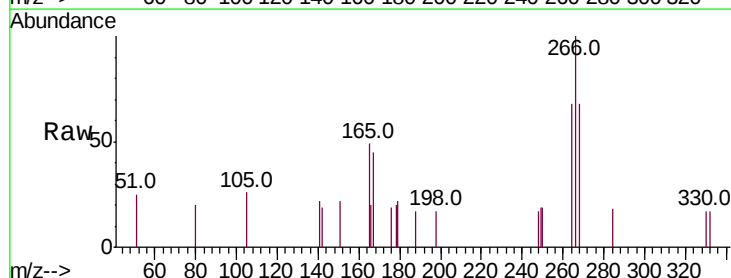
Tgt Ion:266 Resp: 735

Ion Ratio Lower Upper

266 100

264 67.6 62.2 93.2

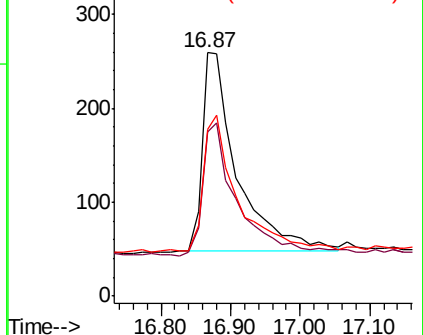
268 68.3 65.5 98.3

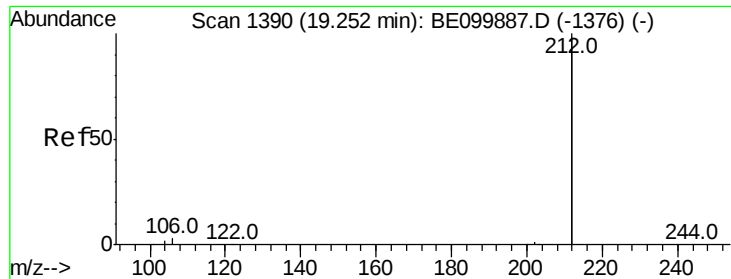


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

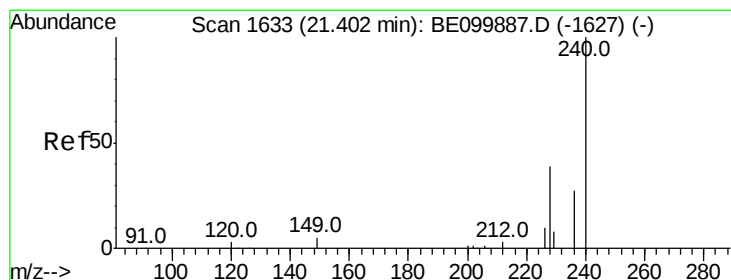
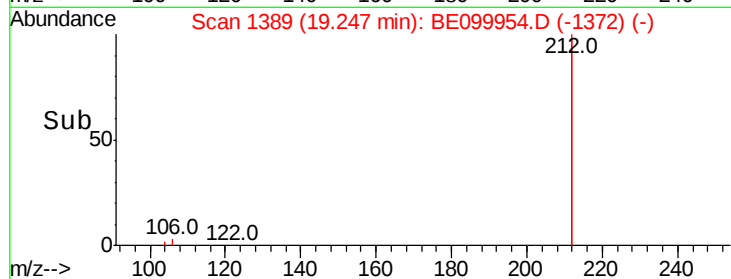
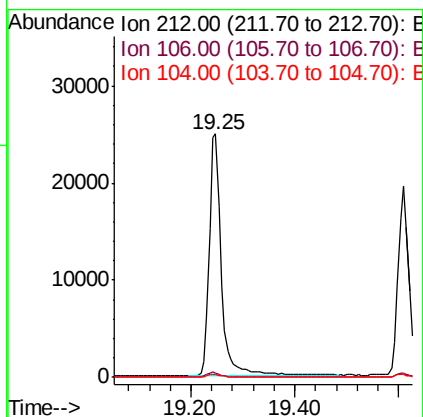
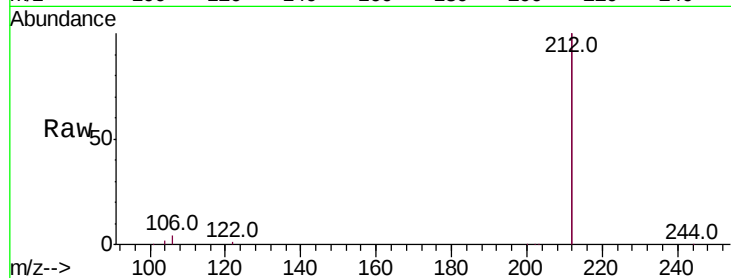




#25
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099954.D
 Acq: 12 Jun 2019 13:46

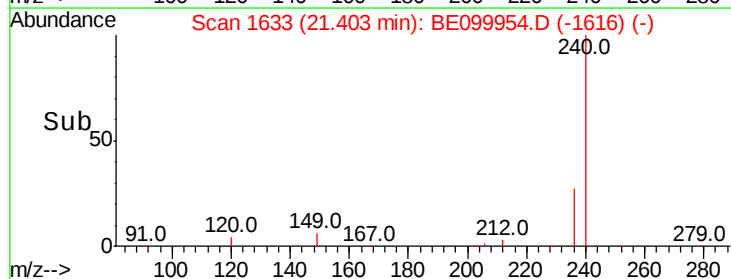
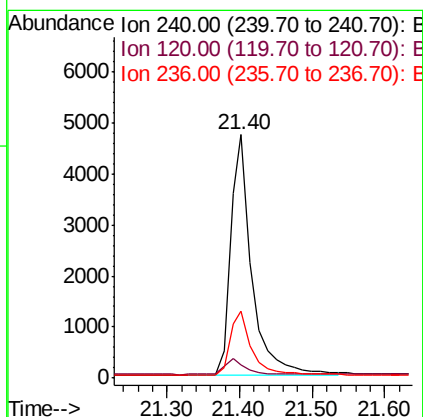
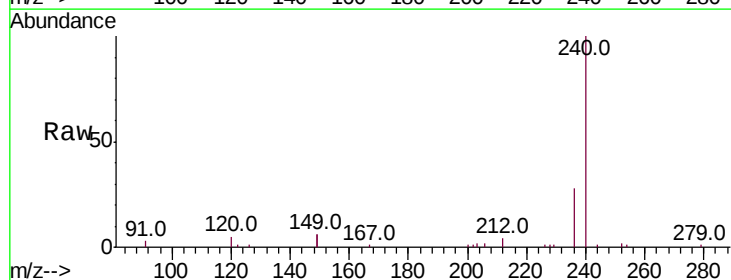
Instrument :
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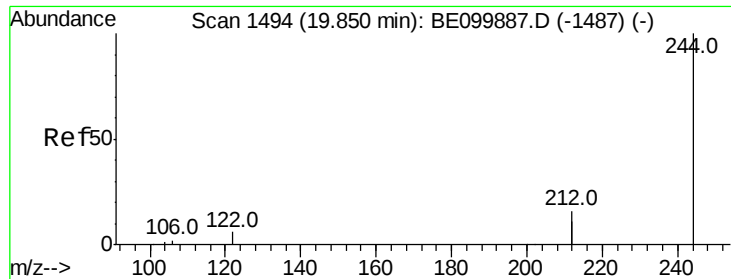
Tot Ion:212 Resp: 40441
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099954.D
 Acq: 12 Jun 2019 13:46

Tgt Ion:240 Resp: 9755
 Ion Ratio Lower Upper
 240 100
 120 5.3 3.8 5.6
 236 27.5 22.0 33.0





#29

Terphenyl-d14

Concen: 0.606 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190605

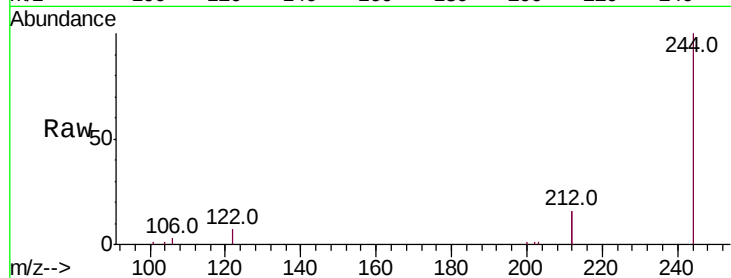
Tot Ion:244 Resp: 10651

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

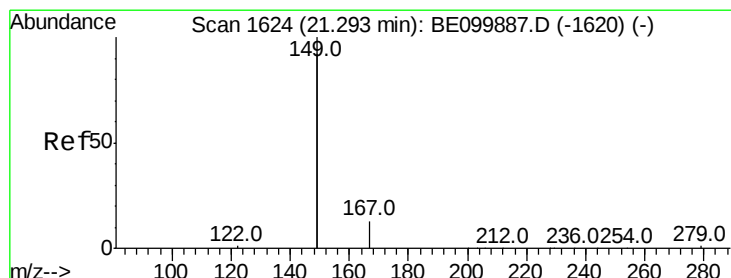
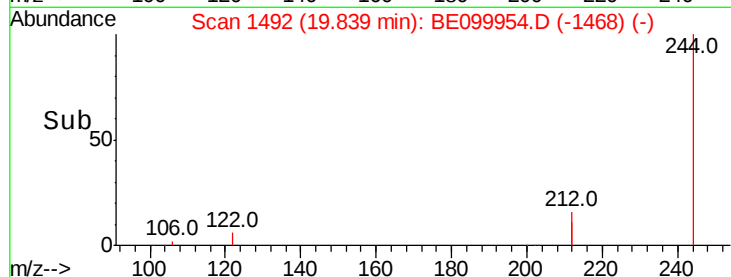
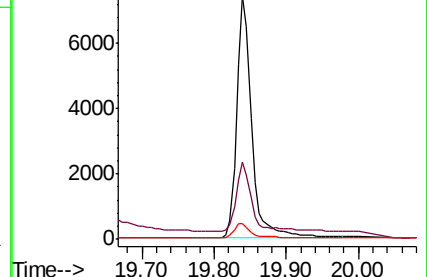
122 6.6 5.5 8.3



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: 0.077 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

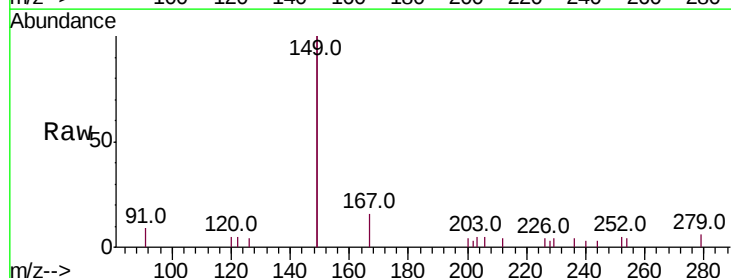
Tgt Ion:149 Resp: 3211

Ion Ratio Lower Upper

149 100

167 7.0 5.9 8.9

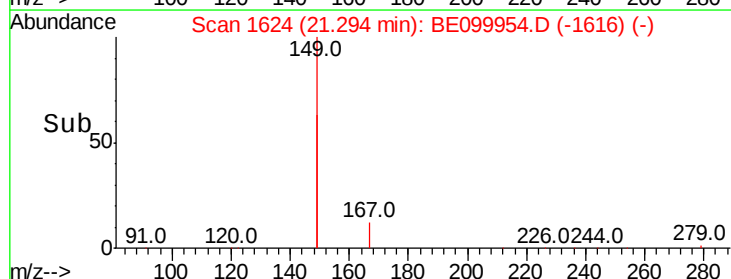
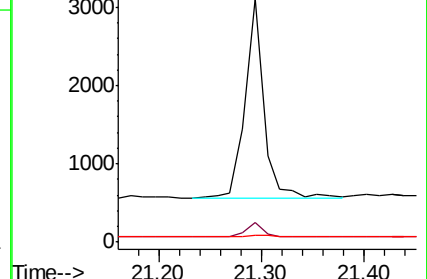
279 1.4 1.2 1.8

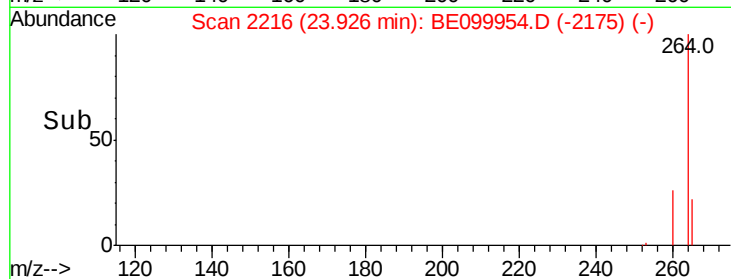
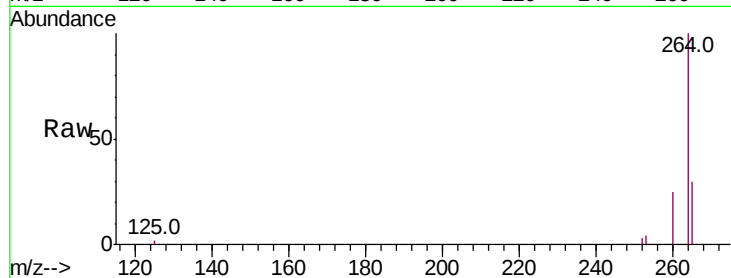
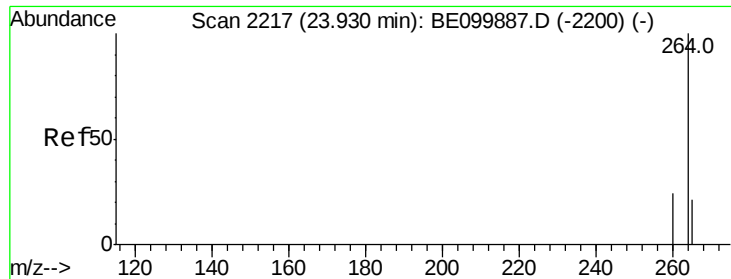


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE099954.D

Acq: 12 Jun 2019 13:46

Instrument :

BNA_E

ClientSampleId :

RE123D2-20190605

Tot Ion: 264 Resp: 10611

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 29.9 22.0 33.0

