

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099975.D
 Acq On : 13 Jun 2019 2:28
 Operator : JU/SJ
 Sample : K3255-05DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190604DL

Quant Time: Jun 13 05:54:25 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	940	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3384	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2614	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7601	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10107	0.40	ng	0.00
34) Perylene-d12	23.92	264	11365	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	164	0.06	ng	0.00
5) Phenol-d6	6.98	99	98	0.03	ng	0.01
8) Nitrobenzene-d5	8.99	82	511	0.16	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	929	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	222	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	1988	0.20	ng	-0.01
25) Fluoranthene-d10	19.25	212	18326	0.17	ng	0.00
29) Terphenyl-d14	19.84	244	4788	0.26	ng	-0.01

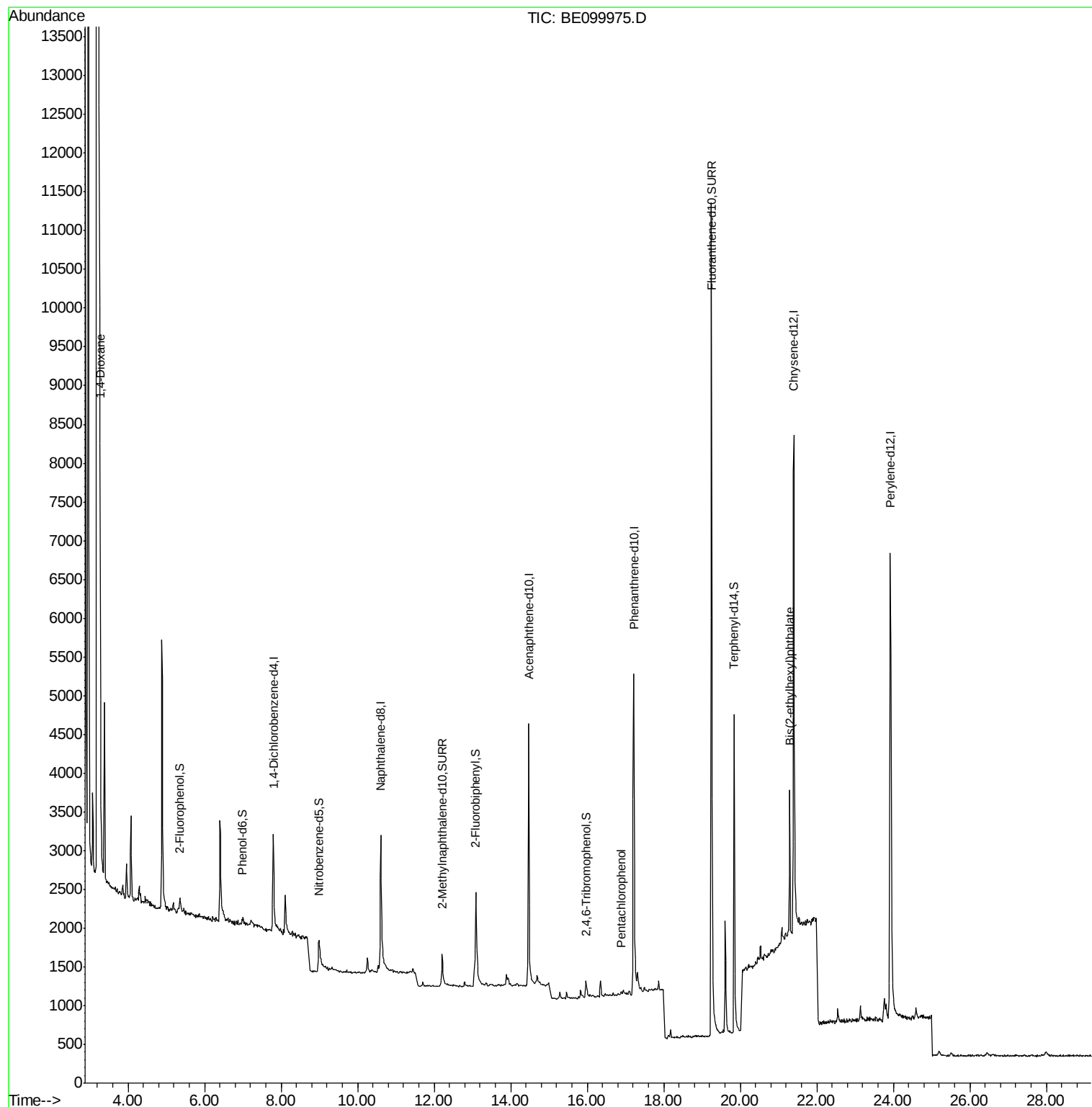
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	3590	2.580	ng	93
22) Pentachlorophenol	16.88	266	63	0.329	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	2321	0.054	ng	# 97

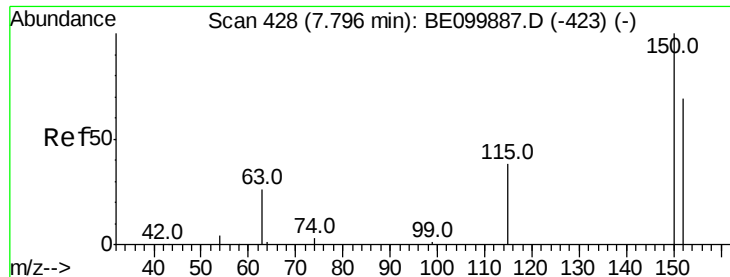
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BE099975.D

Acq: 13 Jun 2019 2:28

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604DL

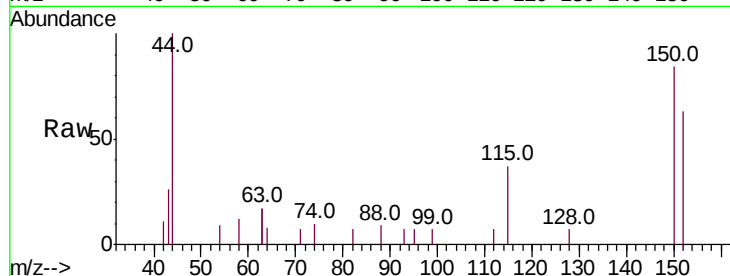
Tot Ion:152 Resp: 940

Ion Ratio Lower Upper

152 100

150 133.3 111.0 166.6

115 58.0 50.7 76.1

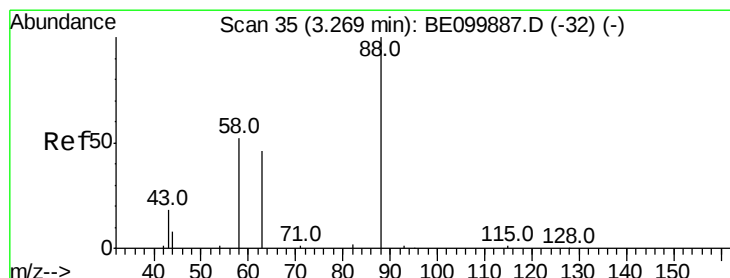
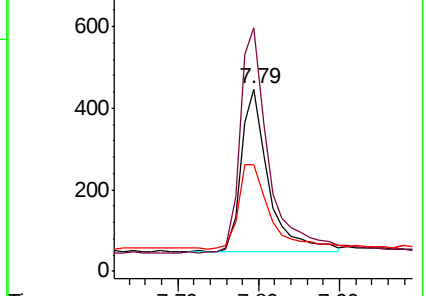
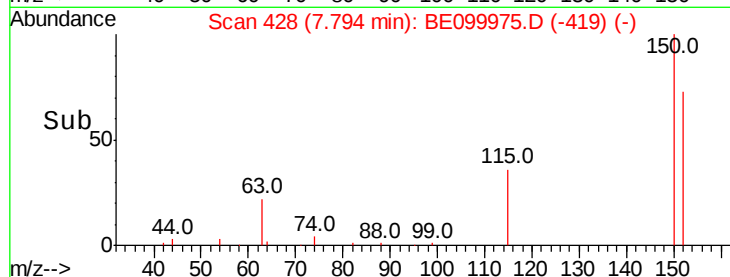


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 2.580 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

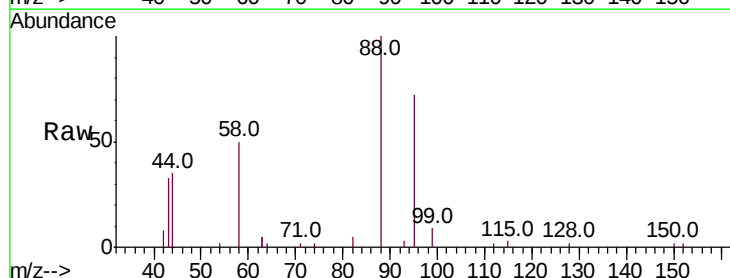
Tgt Ion: 88 Resp: 3590

Ion Ratio Lower Upper

88 100

58 56.3 48.8 73.2

43 28.3 19.0 28.6

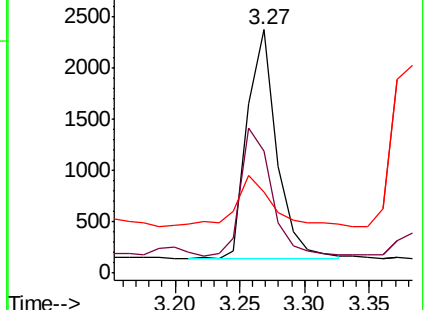
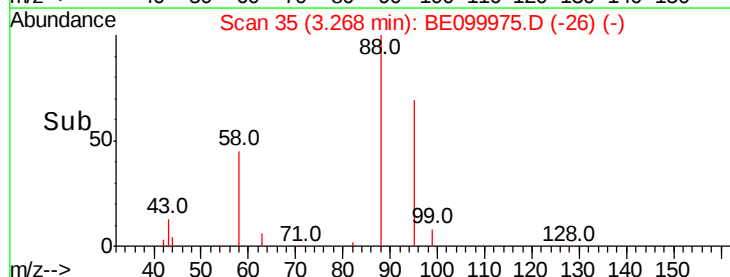


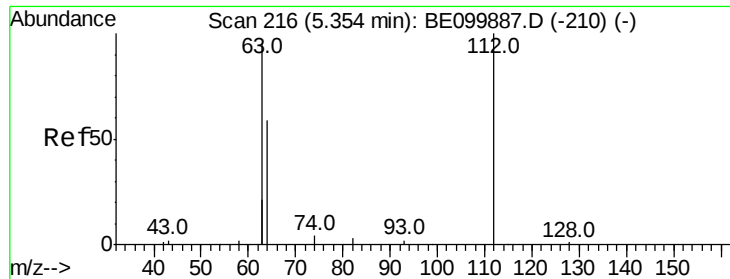
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.065 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604DL

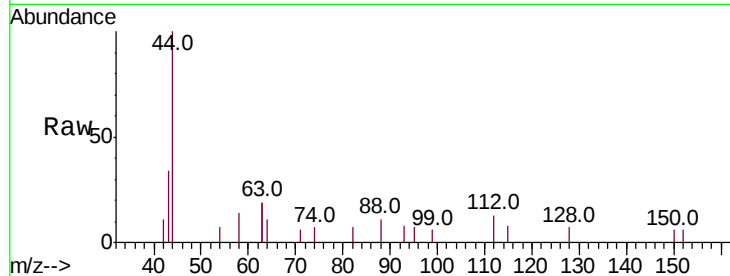
Tot Ion:112 Resp: 164

Ion Ratio Lower Upper

112 100

64 53.7 44.1 66.1

63 148.8 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

400

300

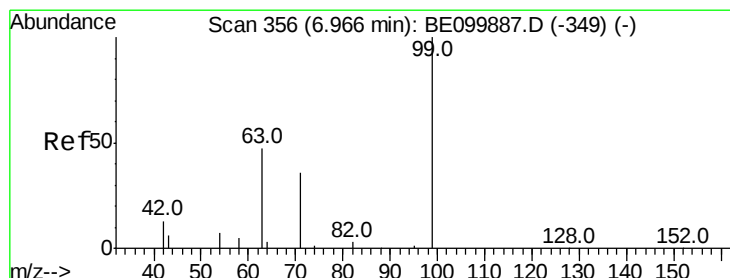
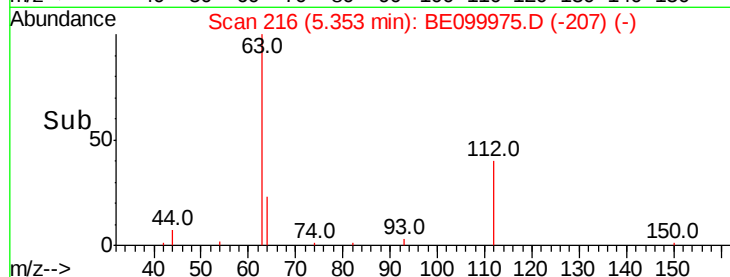
200

100

0

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.030 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

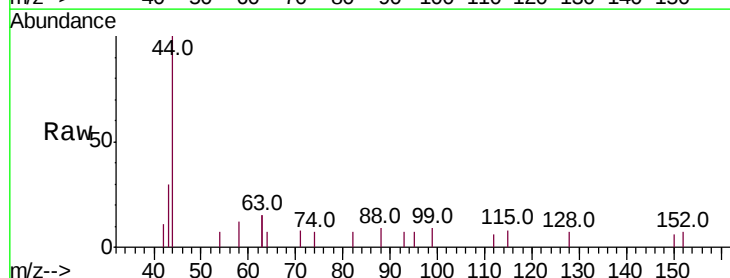
Tgt Ion: 99 Resp: 98

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 36.7 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

100

80

60

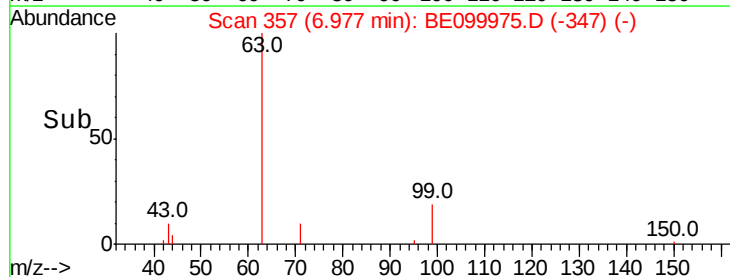
40

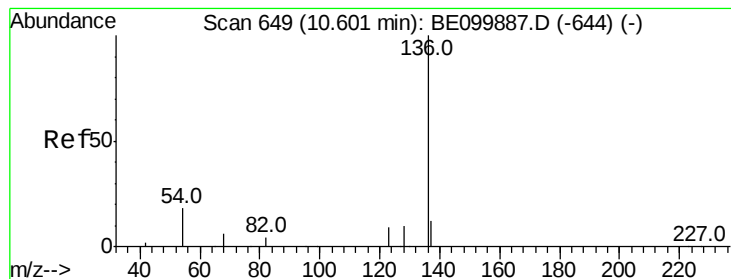
20

0

6.90 6.95 7.00 7.05 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604DL

Tot Ion: 136 Resp: 3384

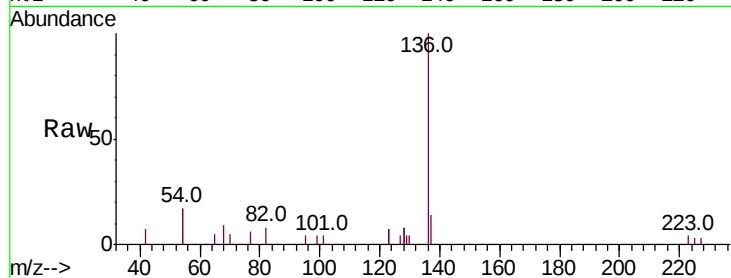
Ion Ratio Lower Upper

136 100

137 14.3 12.3 18.5

54 34.7 28.2 42.4

68 9.2 7.8 11.8

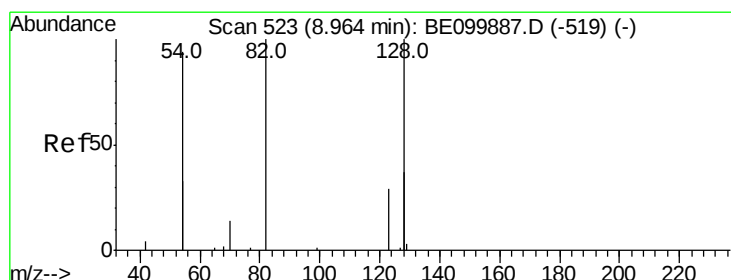
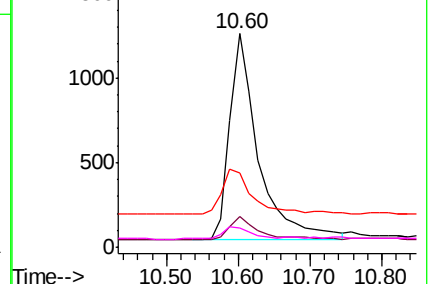
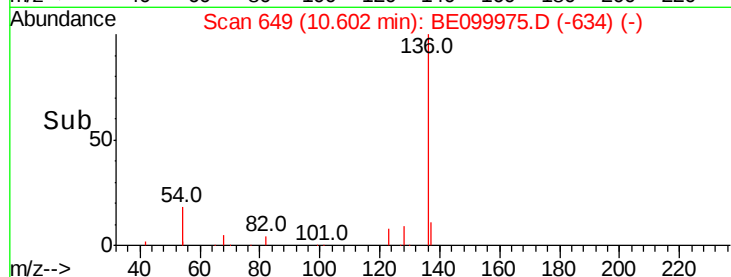


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.159 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

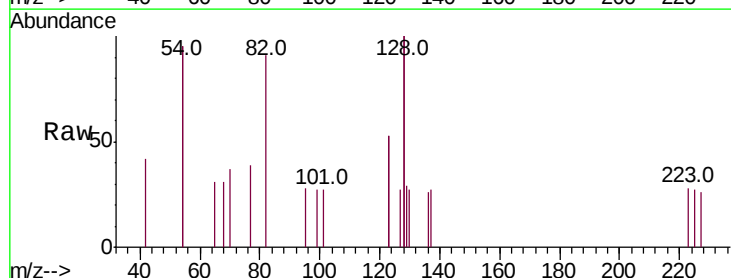
Tgt Ion: 82 Resp: 511

Ion Ratio Lower Upper

82 100

128 220.4 137.3 205.9#

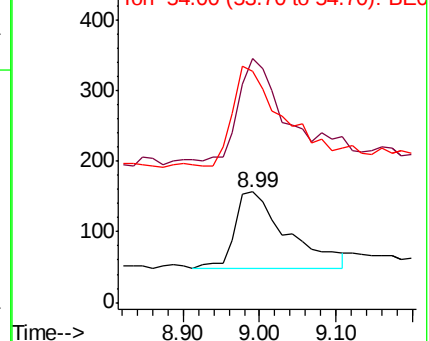
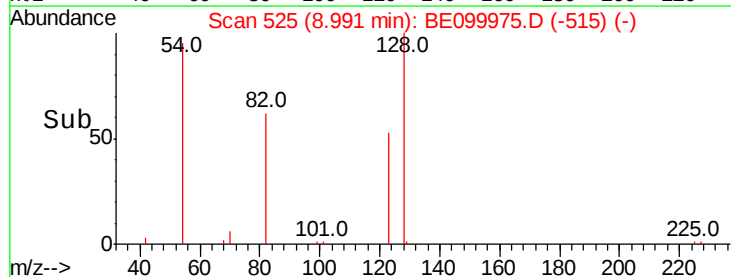
54 208.9 129.7 194.5#

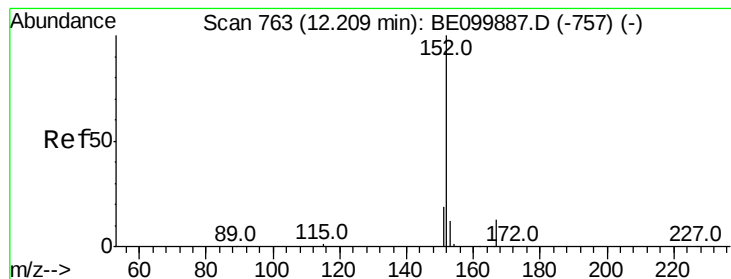


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

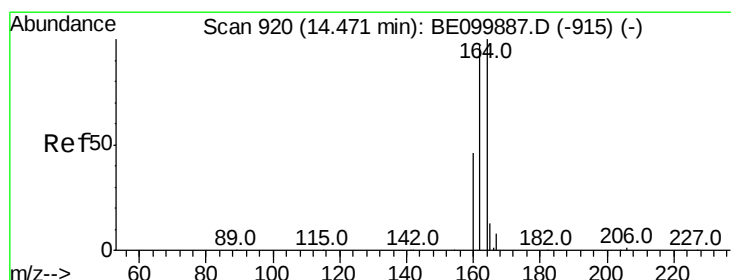
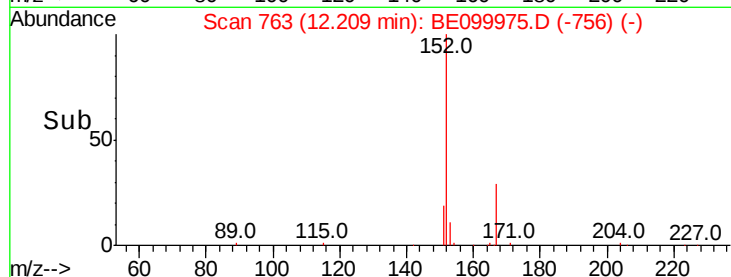
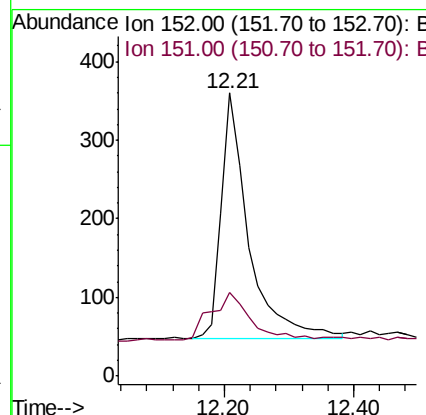
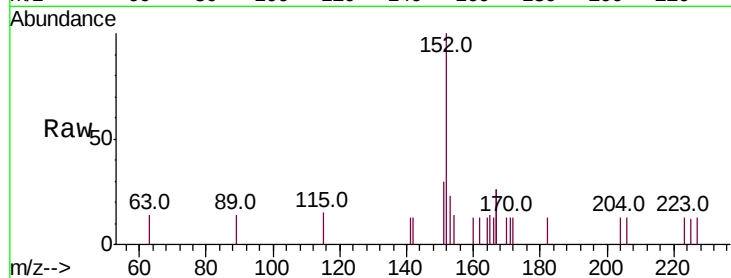




#11
 2-Methylnaphthalene-d10
 Concen: 0.157 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099975.D
 Acq: 13 Jun 2019 2:28

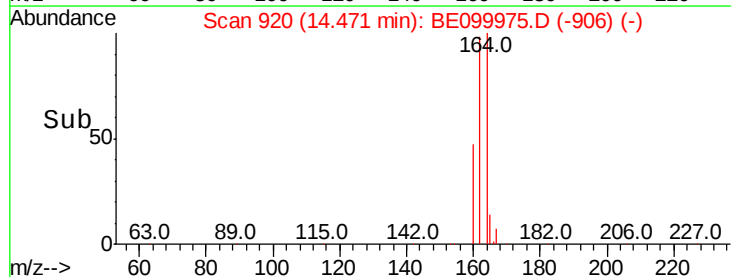
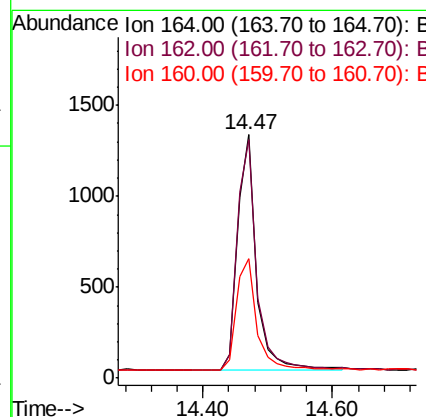
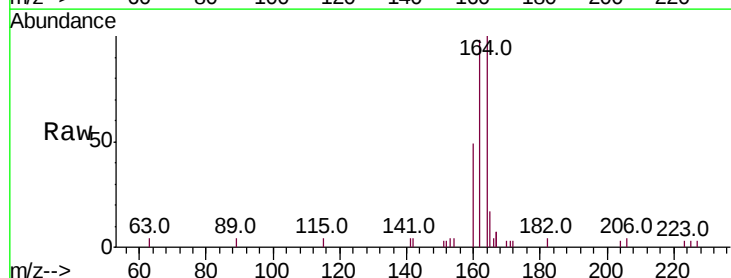
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190604DL

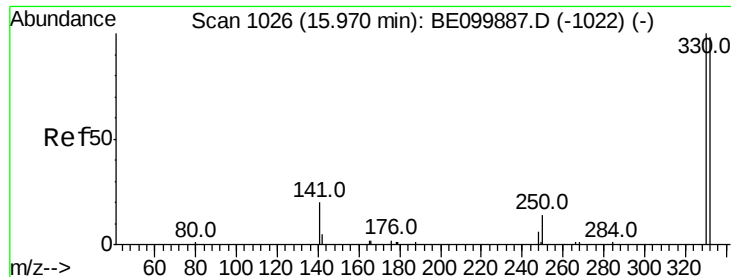
Tot Ion:152 Resp: 929
 Ion Ratio Lower Upper
 152 100
 151 27.7 15.2 22.8#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099975.D
 Acq: 13 Jun 2019 2:28

Tgt Ion:164 Resp: 2614
 Ion Ratio Lower Upper
 164 100
 162 97.9 77.8 116.8
 160 48.9 38.2 57.4





#14

2,4,6-Tribromophenol

Concen: 0.115 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604DL

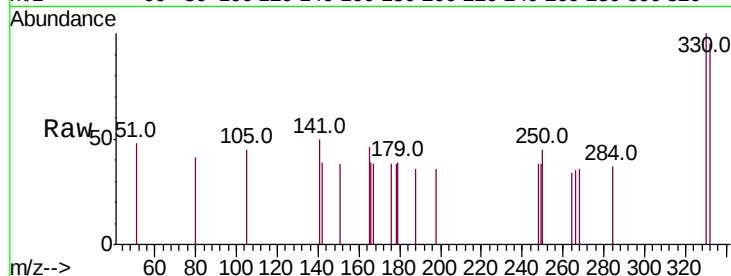
Tot Ion:330 Resp: 222

Ion Ratio Lower Upper

330 100

332 98.2 76.7 115.1

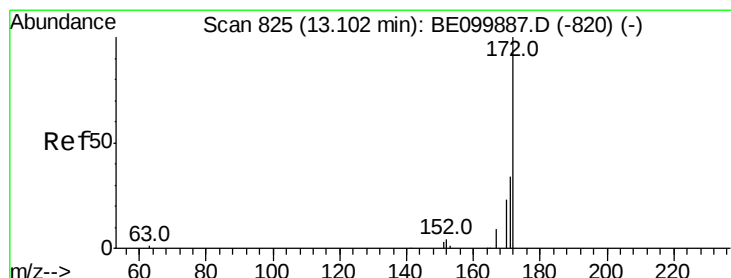
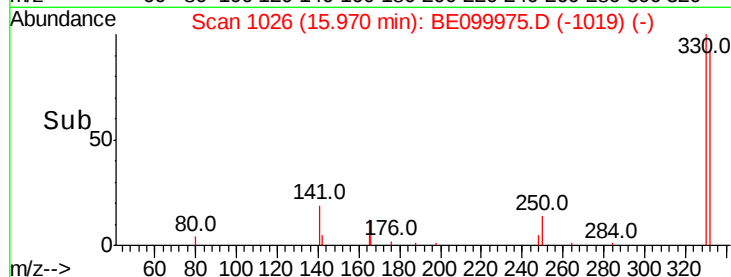
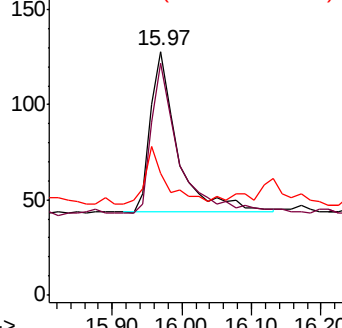
141 28.4 21.0 31.6



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: 0.201 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

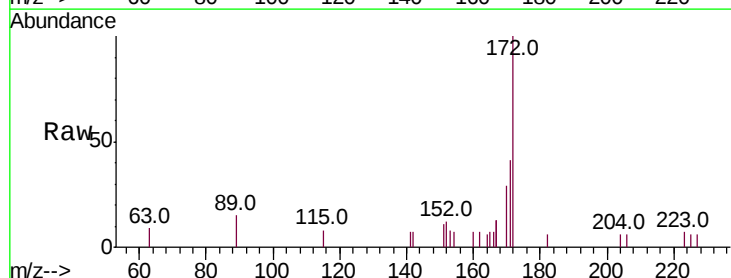
Tgt Ion:172 Resp: 1988

Ion Ratio Lower Upper

172 100

171 41.5 29.2 43.8

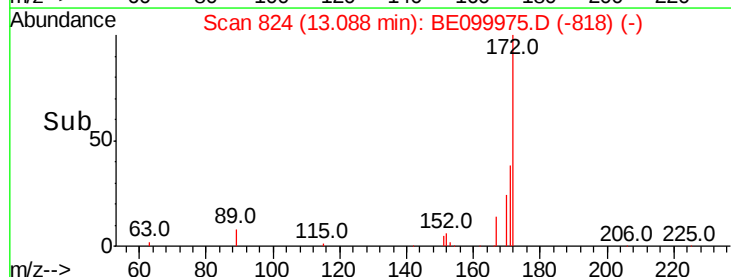
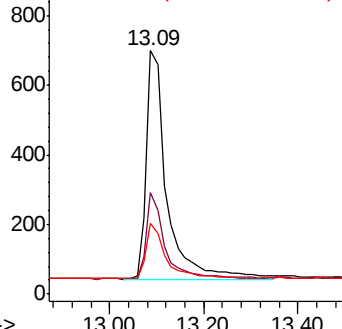
170 29.2 21.2 31.8

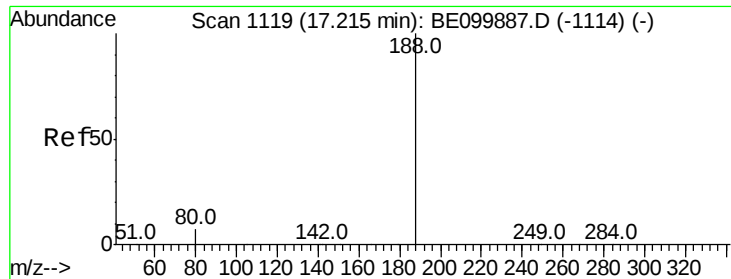


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

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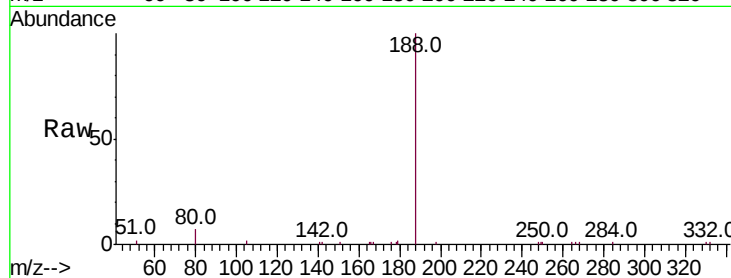
Tot Ion:188 Resp: 7601

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

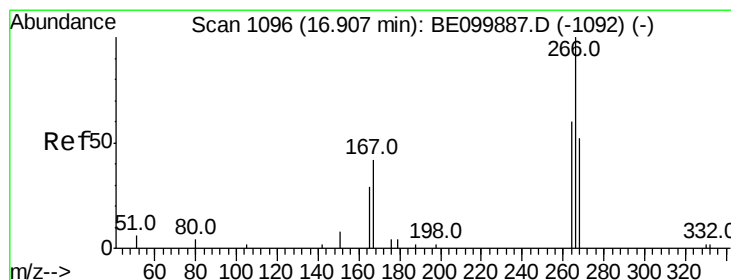
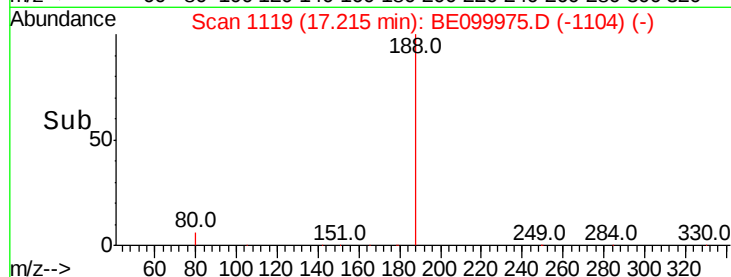
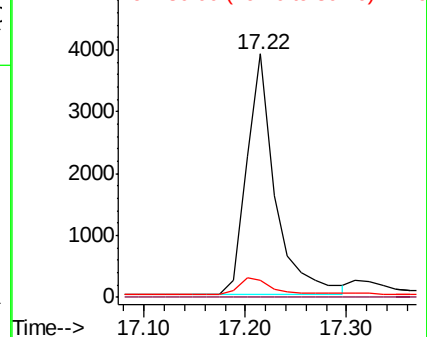
80 6.9 6.4 9.6



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: 0.329 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

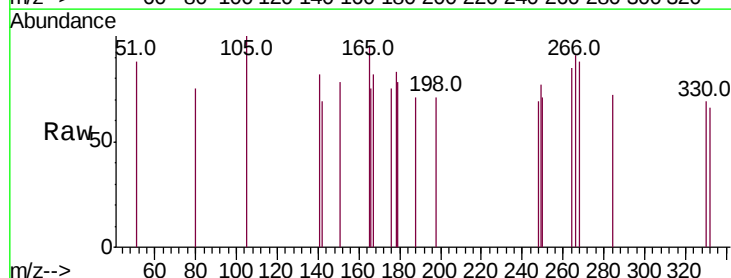
Tgt Ion:266 Resp: 63

Ion Ratio Lower Upper

266 100

264 93.2 62.2 93.2

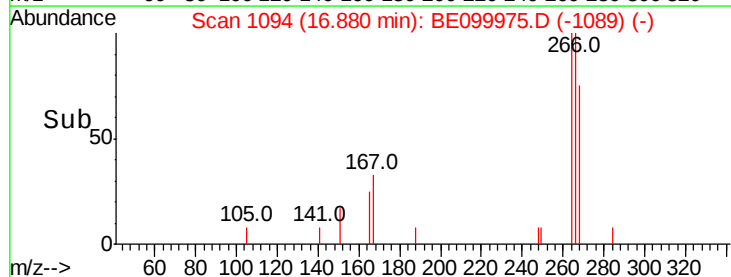
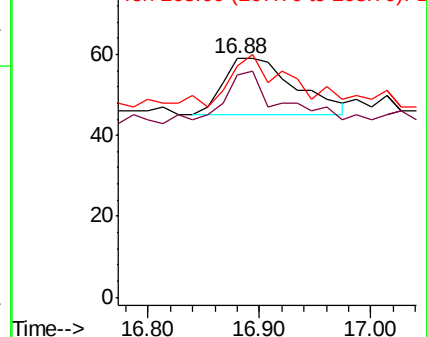
268 96.6 65.5 98.3

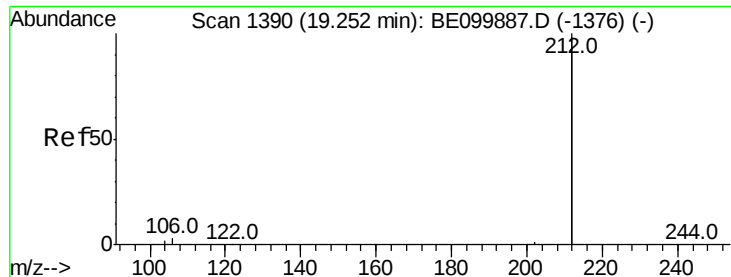


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.165 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

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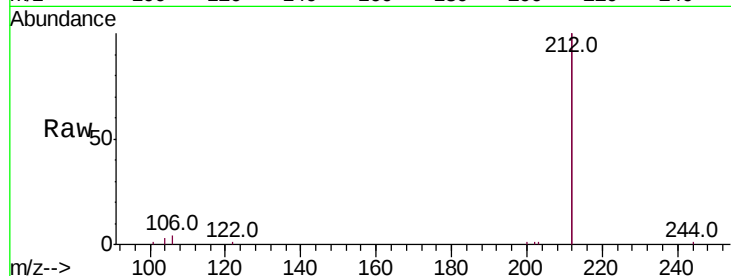
Tot Ion:212 Resp: 18326

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

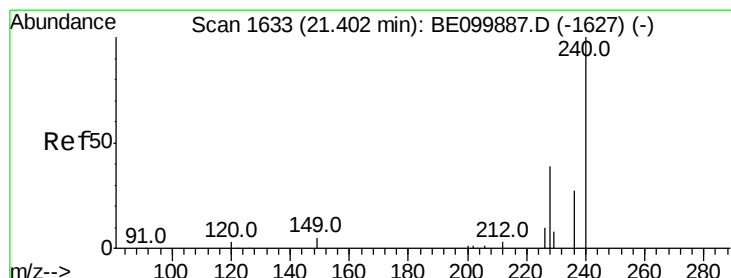
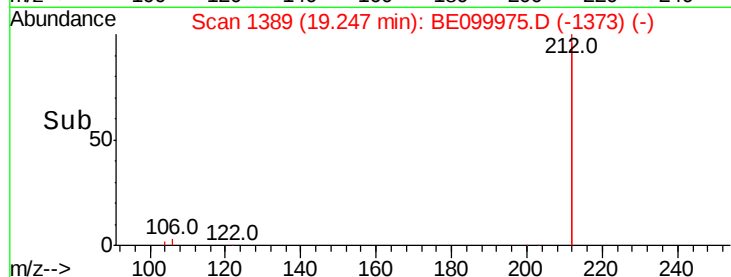
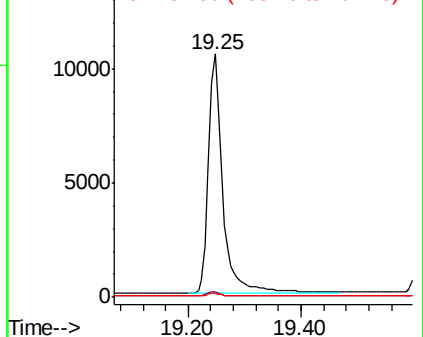
104 1.2 0.9 1.3



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: BE099975.D

Acq: 13 Jun 2019 2:28

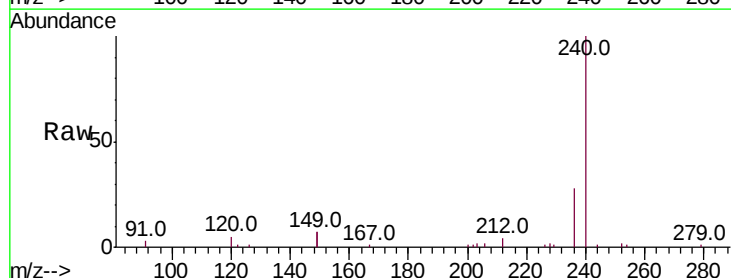
Tgt Ion:240 Resp: 10107

Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.6

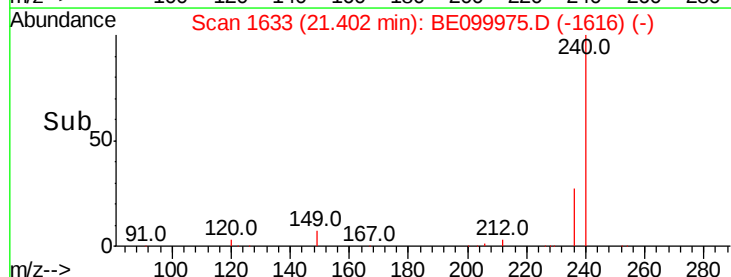
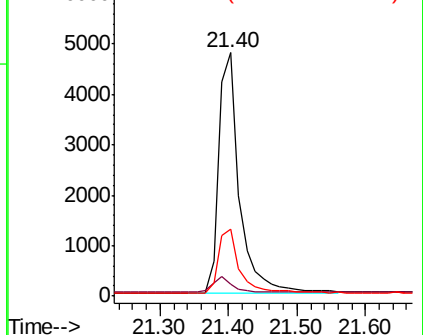
236 27.7 22.0 33.0

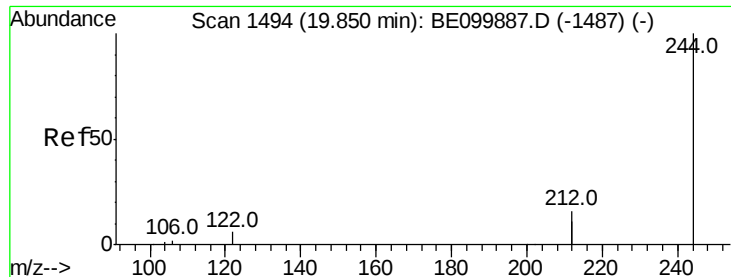


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.263 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604DL

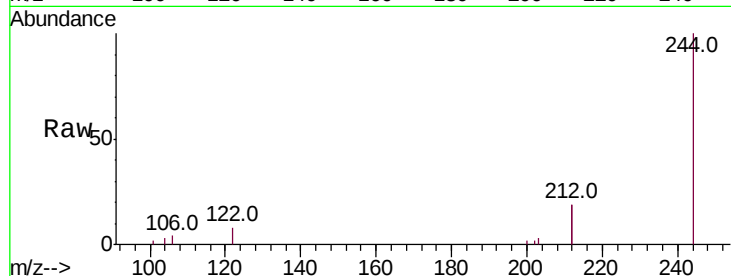
Tot Ion:244 Resp: 4788

Ion Ratio Lower Upper

244 100

212 37.7 25.7 38.5

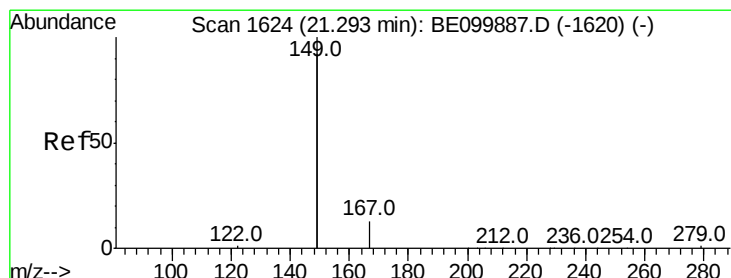
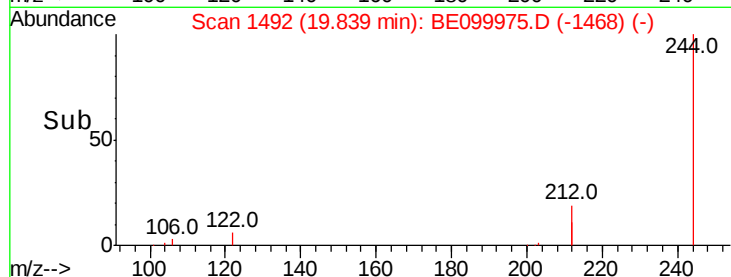
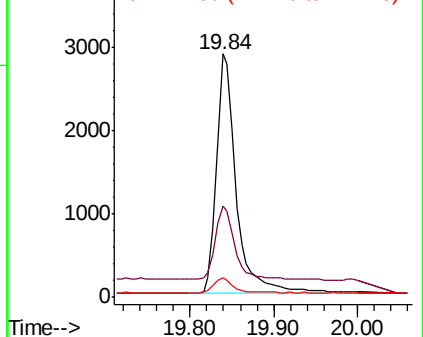
122 8.2 5.5 8.3



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: 0.054 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

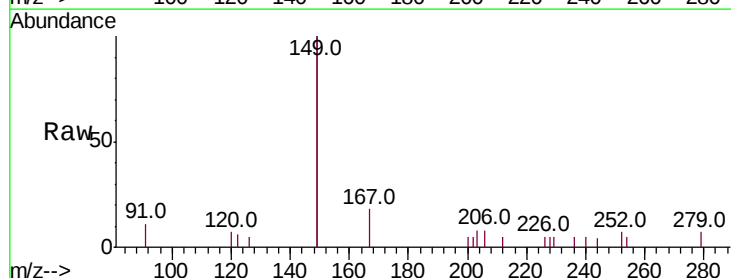
Tgt Ion:149 Resp: 2321

Ion Ratio Lower Upper

149 100

167 8.3 5.9 8.9

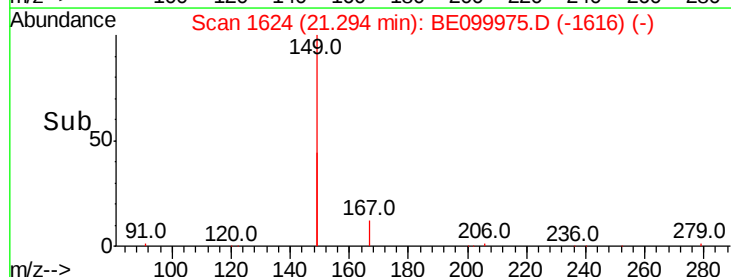
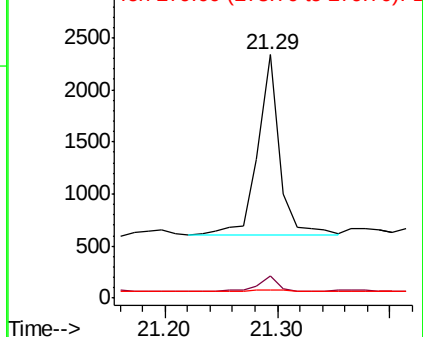
279 2.9 1.2 1.8#

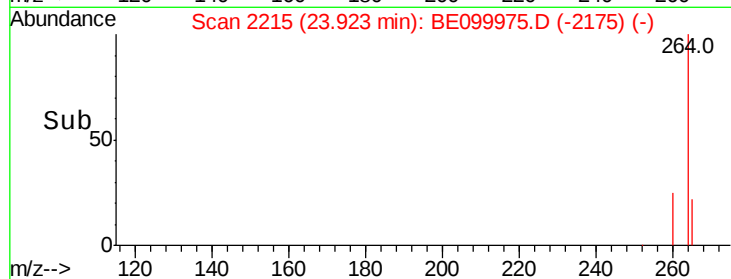
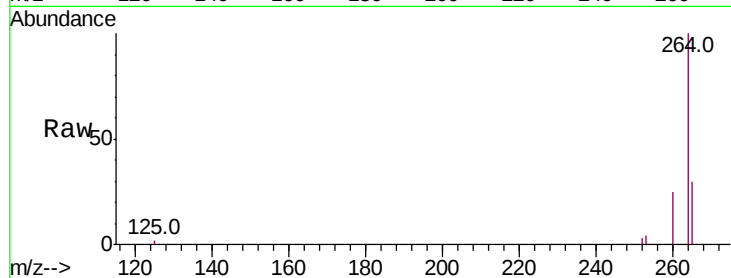
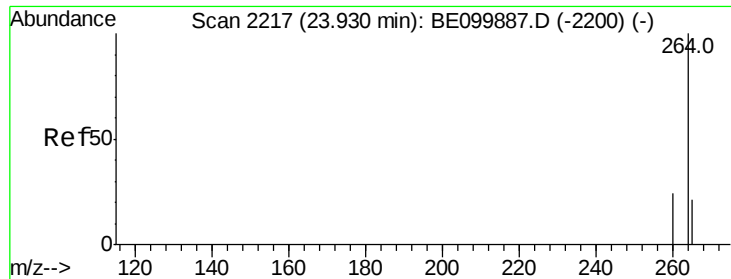


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099975.D

Acq: 13 Jun 2019 2:28

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604DL

Tot Ion: 264 Resp: 11365

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 30.1 22.0 33.0

