

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099994.D
 Acq On : 13 Jun 2019 17:48
 Operator : JU/SJ
 Sample : K3255-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-20190604

Quant Time: Jun 14 03:25:38 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	871	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3160	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2635	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	8791	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11634	0.40	ng	0.00
34) Perylene-d12	23.92	264	13467	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	243	0.10	ng	0.00
5) Phenol-d6	7.00	99	174	0.06	ng	0.03
8) Nitrobenzene-d5	8.99	82	739	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1453	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	357	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3031	0.30	ng	0.00
25) Fluoranthene-d10	19.25	212	34986	0.27	ng	0.00
29) Terphenyl-d14	19.84	244	9205	0.44	ng	0.00

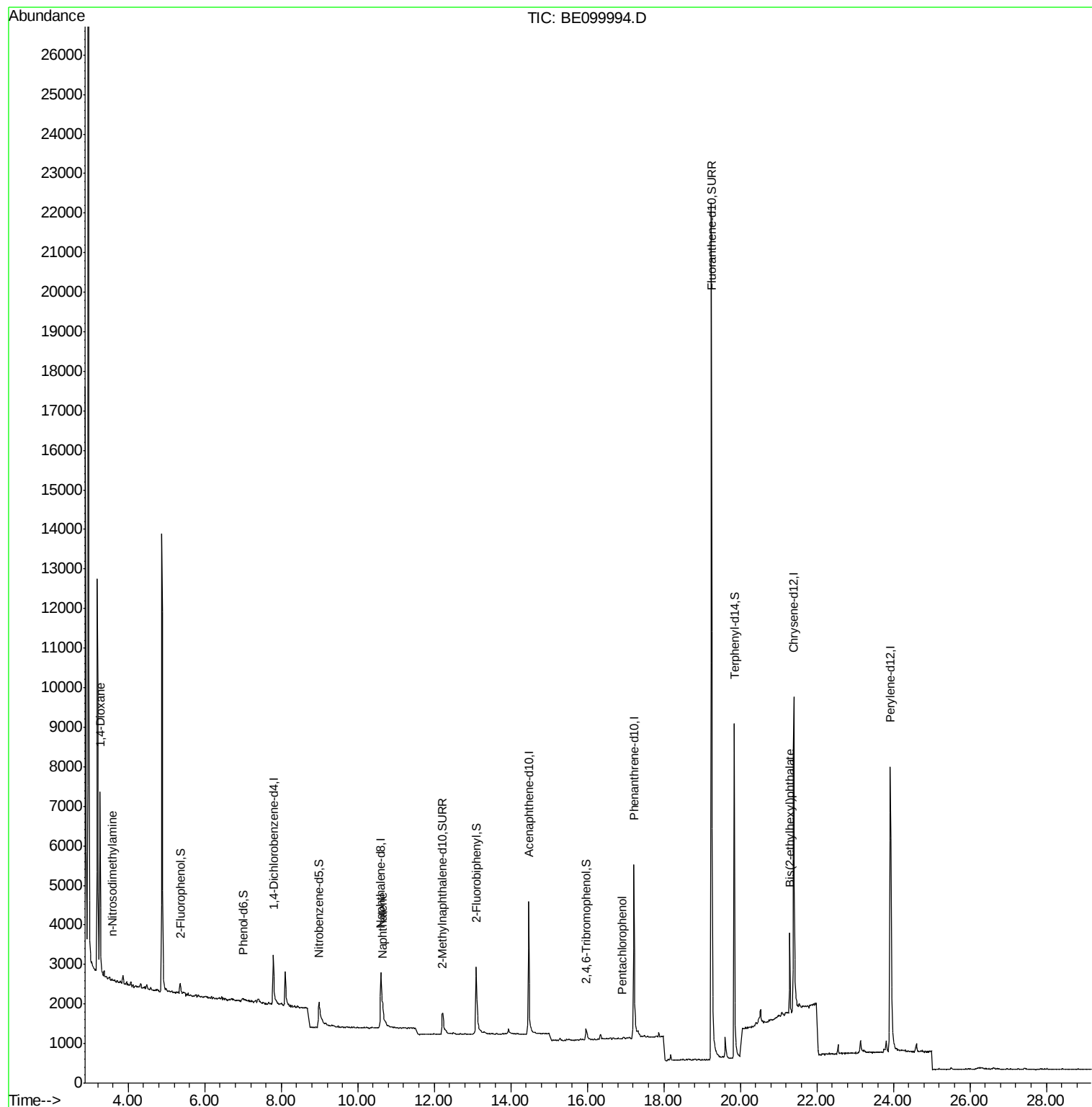
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	3698	2.869	ng	94
3) n-Nitrosodimethylamine	3.59	42	28	0.038	ng	# 100
9) Naphthalene	10.65	128	1058	0.031	ng	# 79
22) Pentachlorophenol	16.92	266	7	0.303	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	2205	0.044	ng	# 99

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

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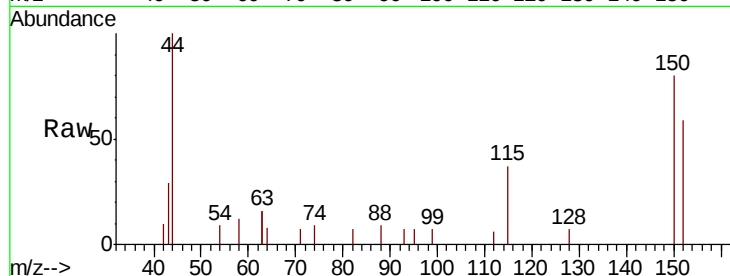


#1

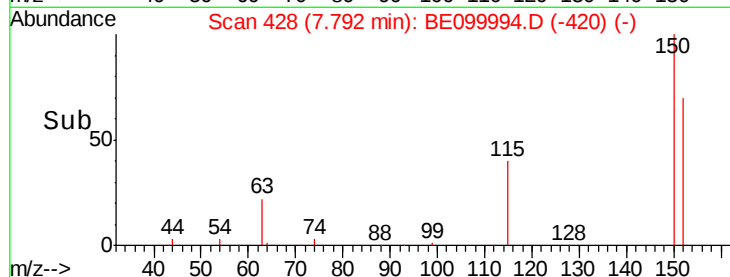
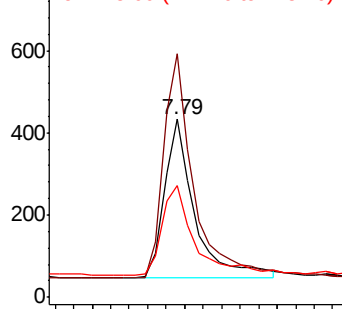
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099994.D
Acq: 13 Jun 2019 17:48

Instrument :
BNA_E
ClientSampleId :
RE126D1-20190604

Tgt Ion: 152 Resp: 871
Ion Ratio Lower Upper
152 100
150 136.7 111.0 166.6
115 62.8 50.7 76.1



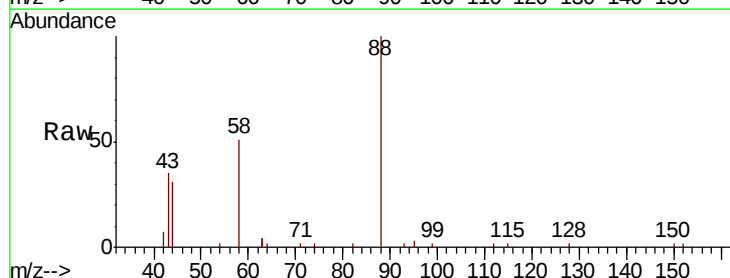
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



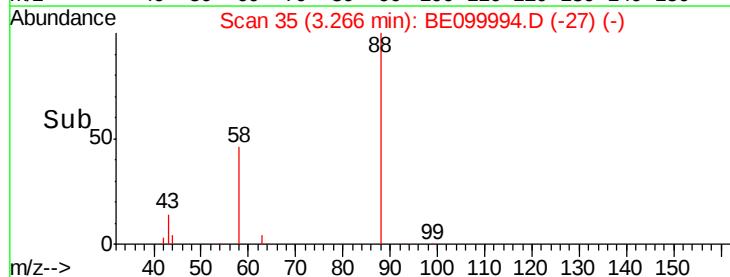
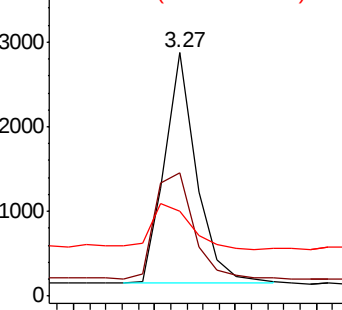
#2

1,4-Dioxane
Concen: 2.869 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099994.D
Acq: 13 Jun 2019 17:48

Tgt Ion: 88 Resp: 3698
Ion Ratio Lower Upper
88 100
58 54.6 48.8 73.2
43 24.4 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





#3

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190604

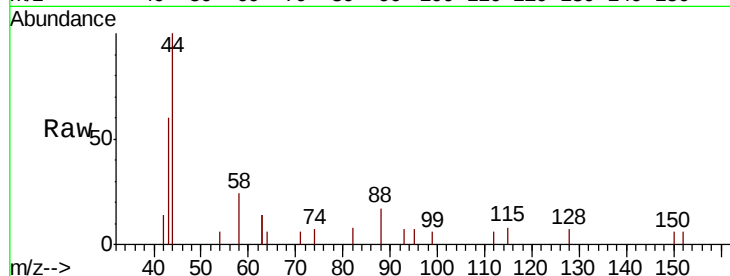
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 28.6 0.0 0.0#

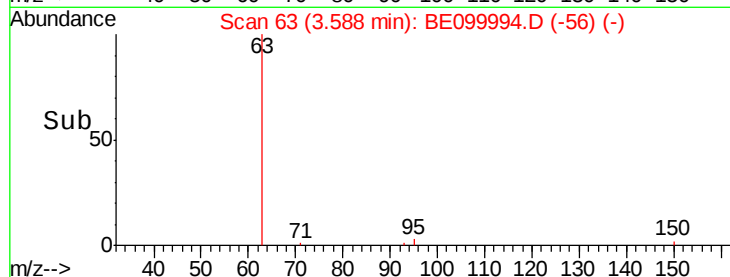
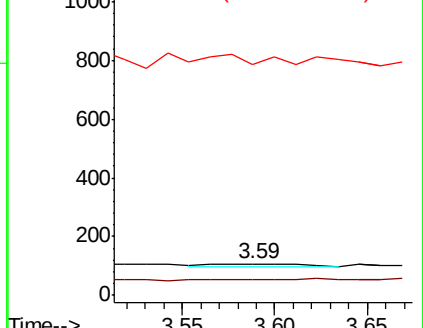
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.103 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

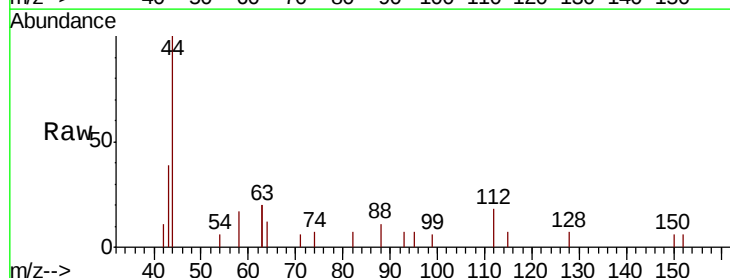
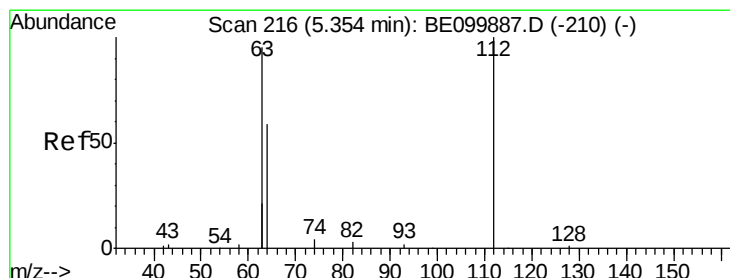
Tgt Ion: 112 Resp: 243

Ion Ratio Lower Upper

112 100

64 51.0 44.1 66.1

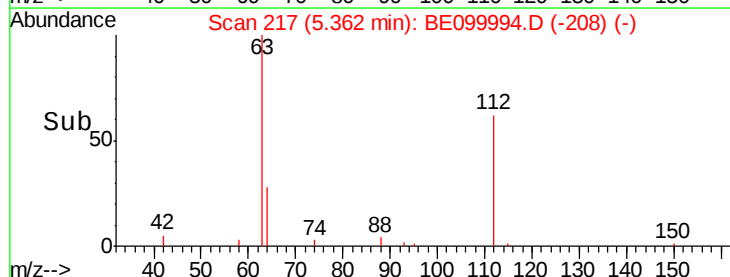
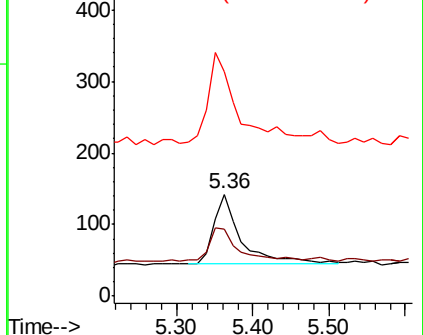
63 133.7 87.8 131.6#



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: 0.057 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190604

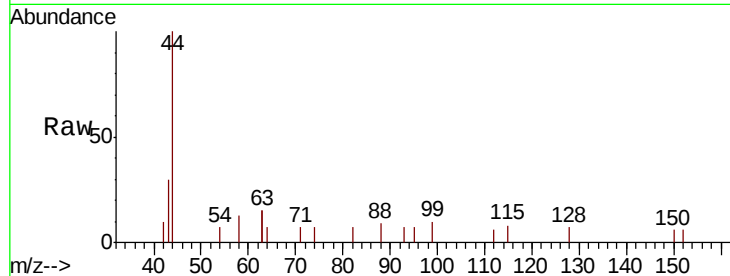
Tgt Ion: 99 Resp: 174

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

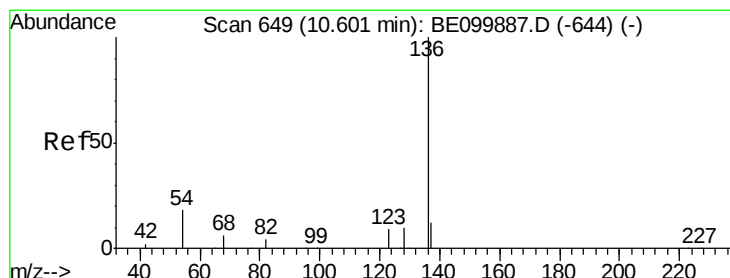
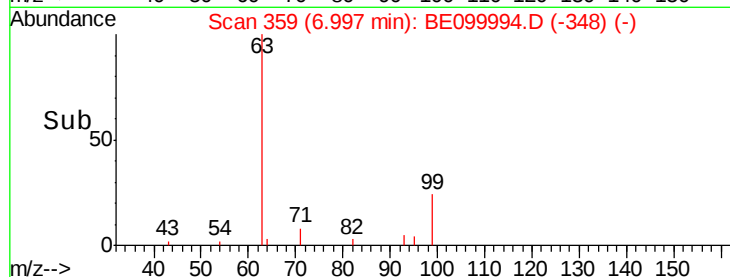
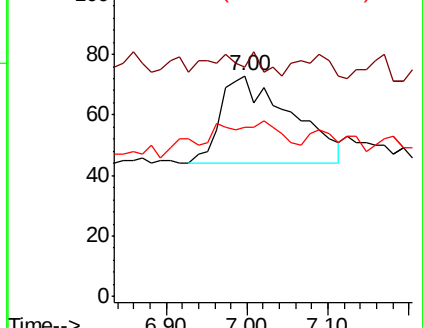
71 0.0 34.6 52.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Tgt Ion: 136 Resp: 3160

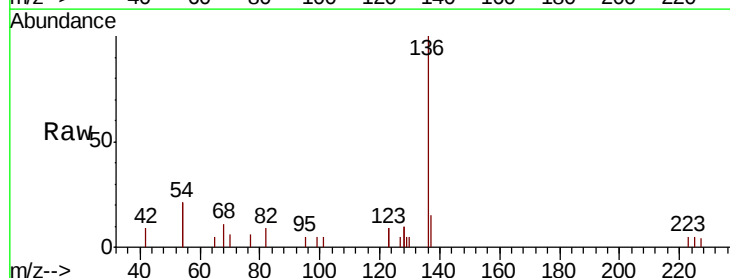
Ion Ratio Lower Upper

136 100

137 15.0 12.3 18.5

54 42.9 28.2 42.4#

68 10.8 7.8 11.8

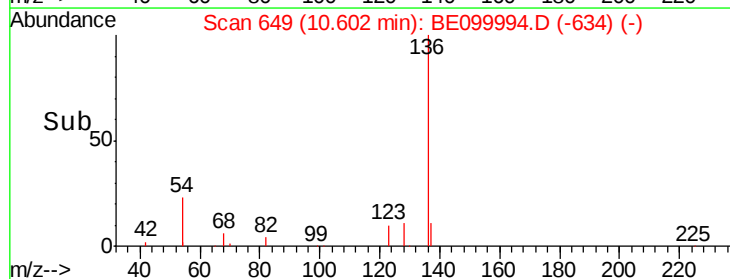
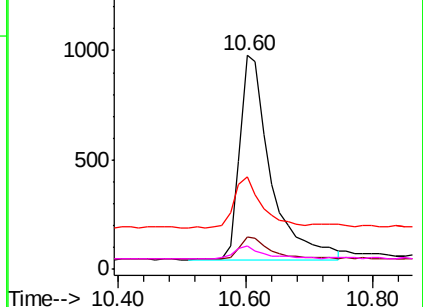


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.247 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190604

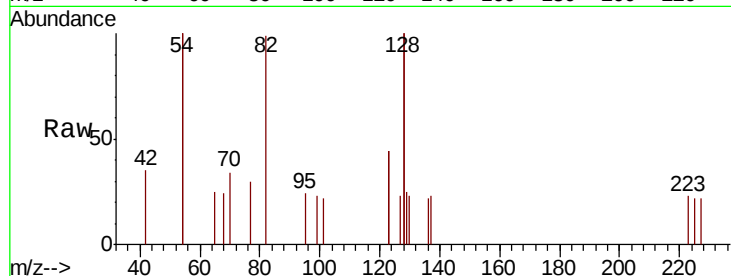
Tgt Ion: 82 Resp: 739

Ion Ratio Lower Upper

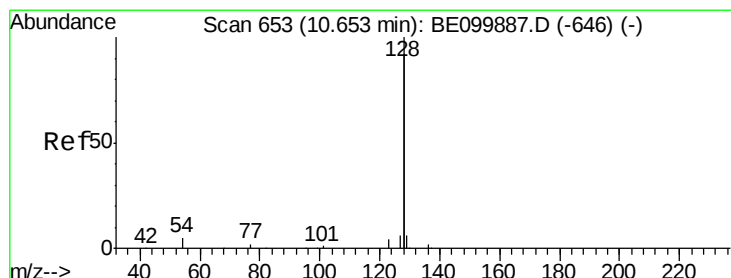
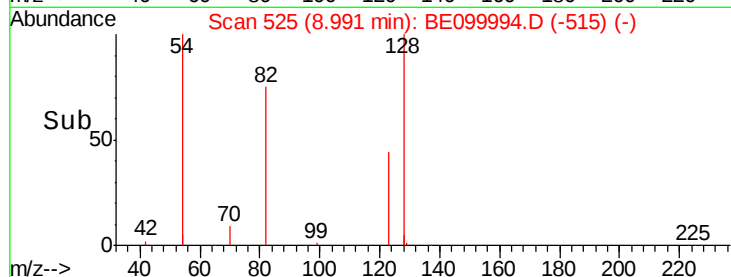
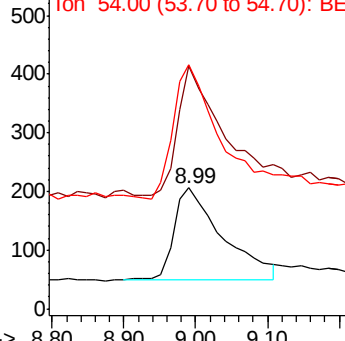
82 100

128 201.0 137.3 205.9

54 201.9 129.7 194.5#



Abundance Ion 82.00 (81.70 to 82.70): BE099994.D (-515) (-)



#9

Naphthalene

Concen: 0.031 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

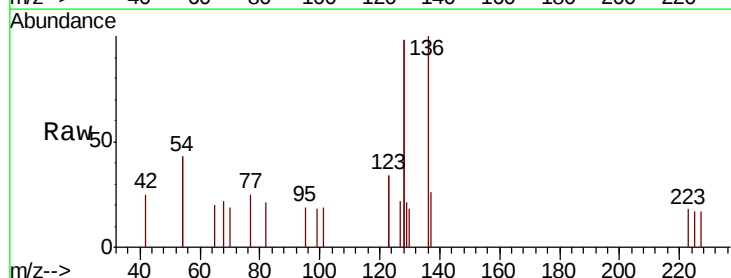
Tgt Ion: 128 Resp: 1058

Ion Ratio Lower Upper

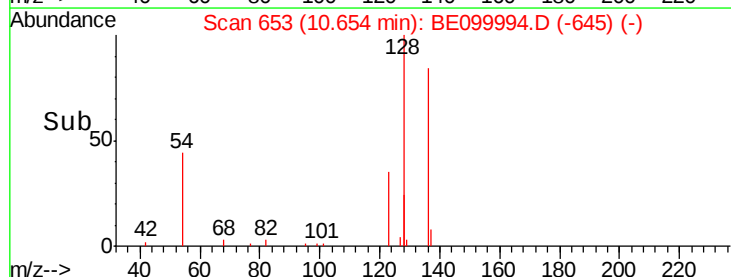
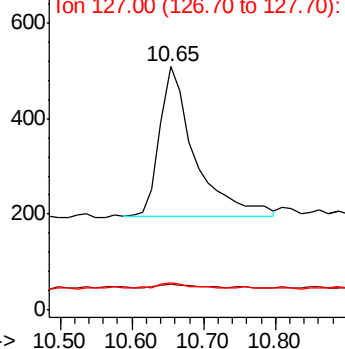
128 100

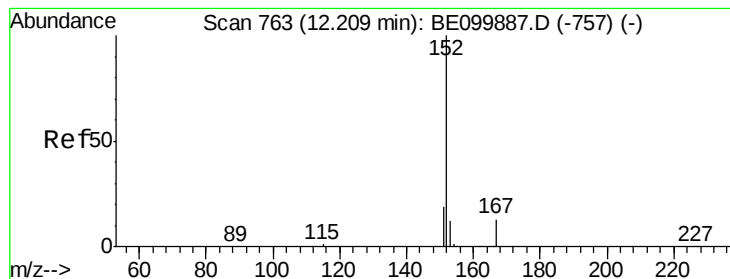
129 10.8 3.0 4.6#

127 11.0 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): BE099994.D (-645) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

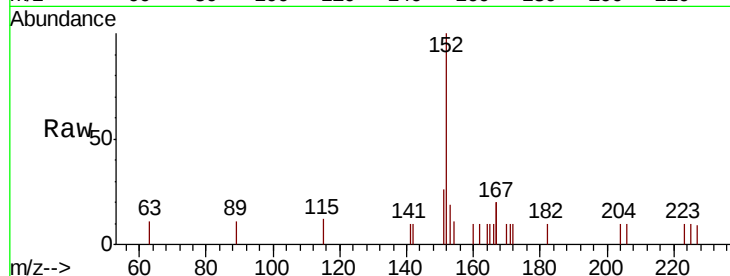
RE126D1-20190604

Tgt Ion:152 Resp: 1453

Ion Ratio Lower Upper

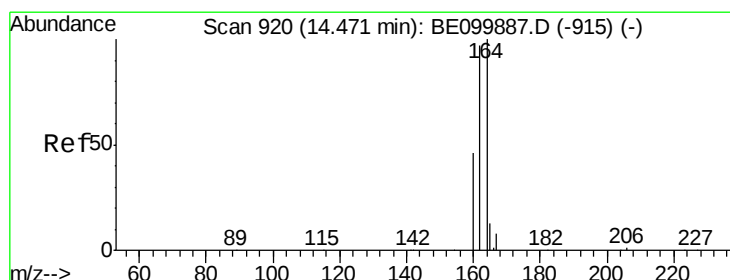
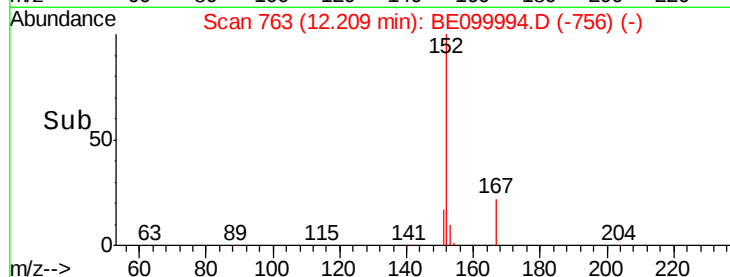
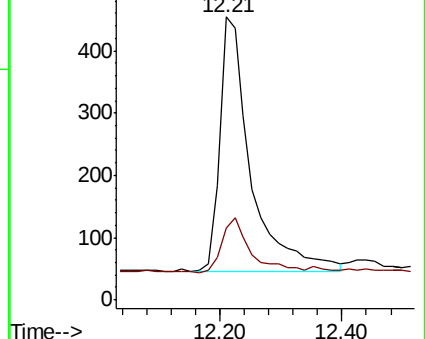
152 100

151 19.9 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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

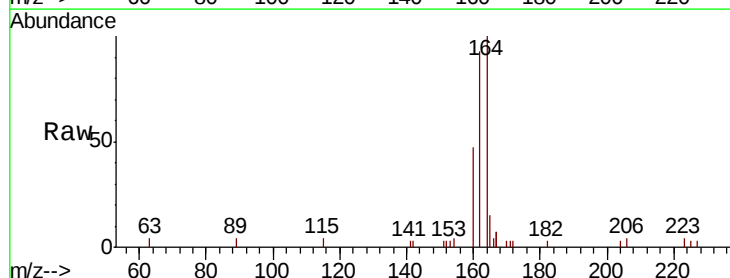
Tgt Ion:164 Resp: 2635

Ion Ratio Lower Upper

164 100

162 93.3 77.8 116.8

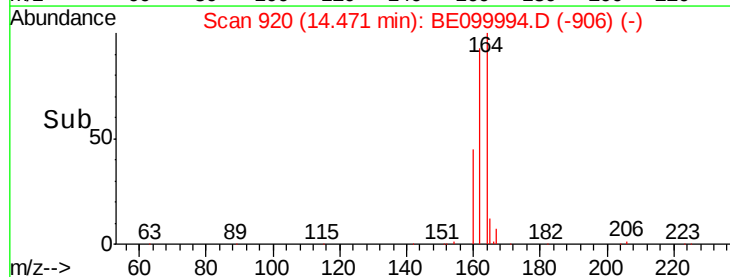
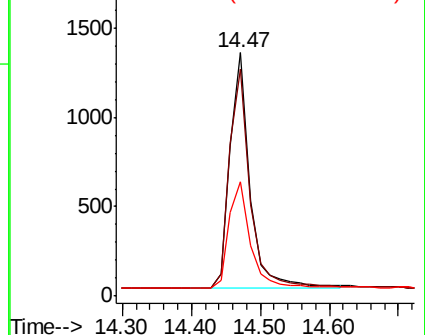
160 46.8 38.2 57.4

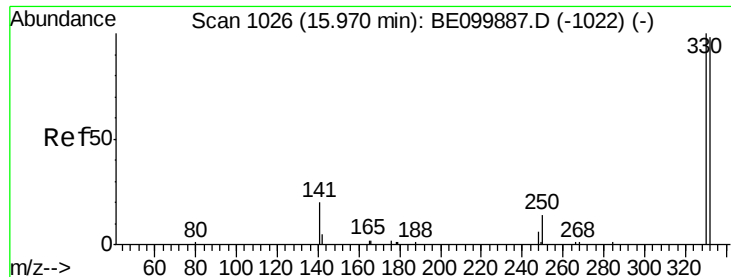


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

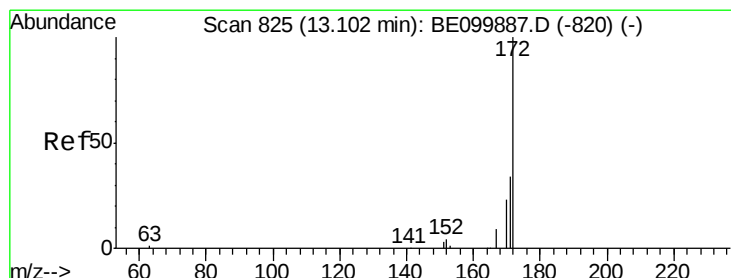
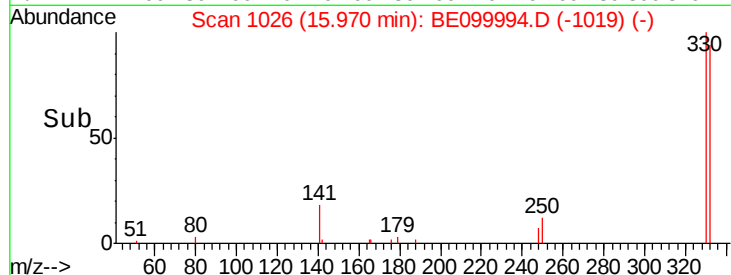
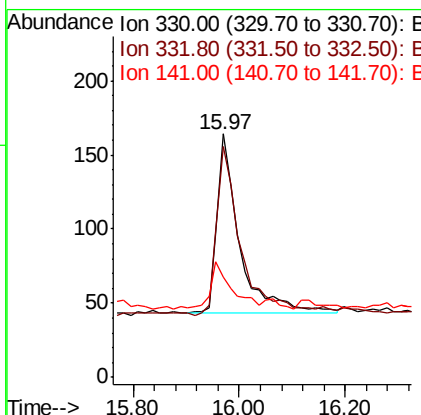
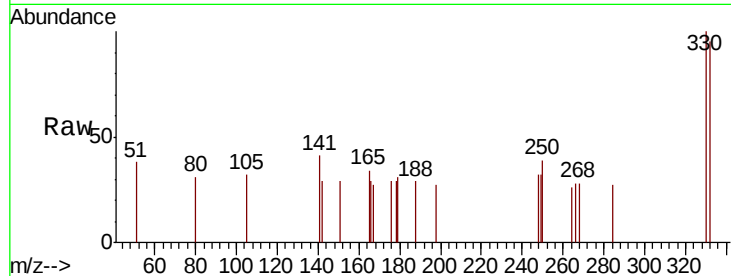




#14
 2,4,6-Tribromophenol
 Concen: 0.183 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099994.D
 Acq: 13 Jun 2019 17:48

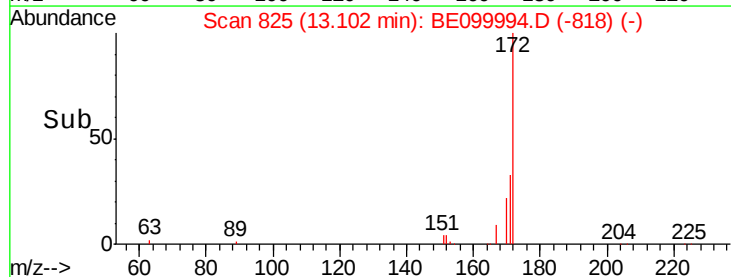
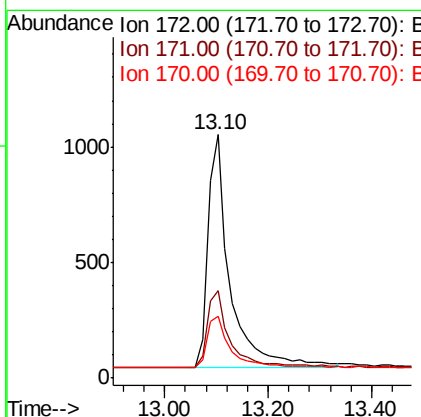
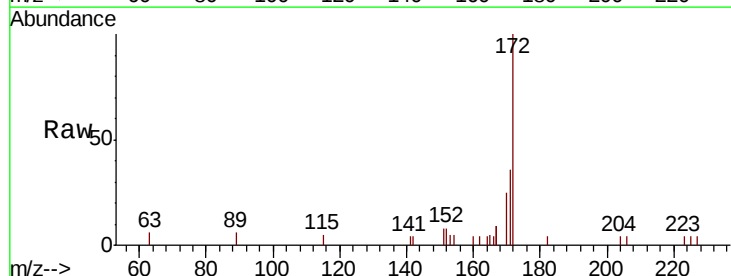
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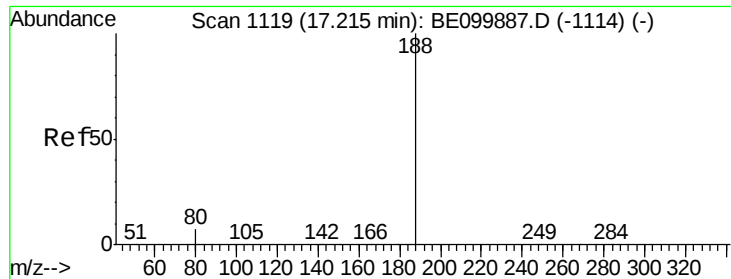
Tgt Ion: 330 Resp: 357
 Ion Ratio Lower Upper
 330 100
 332 101.4 76.7 115.1
 141 22.4 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099994.D
 Acq: 13 Jun 2019 17:48

Tgt Ion: 172 Resp: 3031
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 25.2 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190604

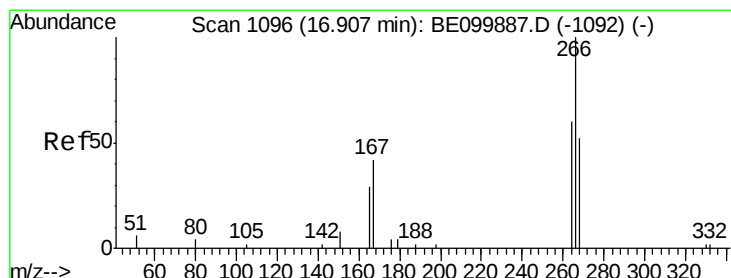
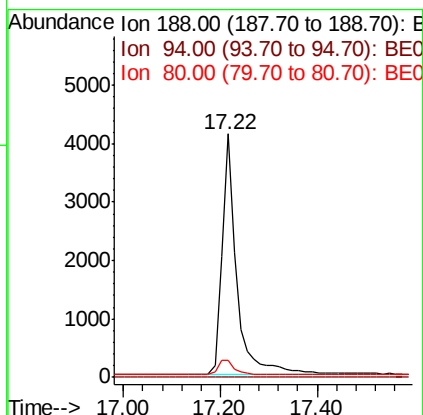
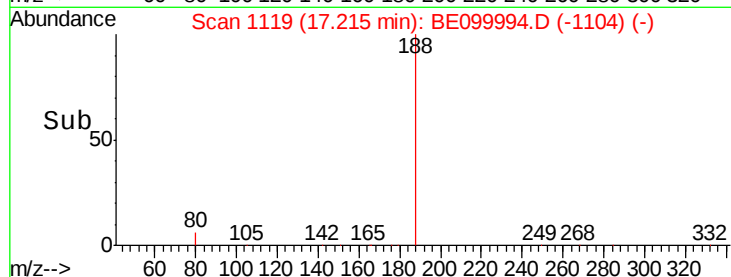
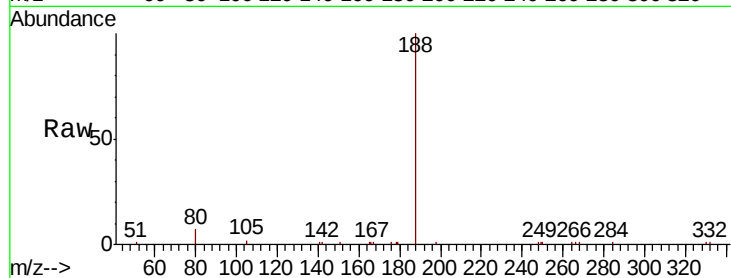
Tgt Ion:188 Resp: 8791

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 6.4 9.6



#22

Pentachlorophenol

Concen: 0.303 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

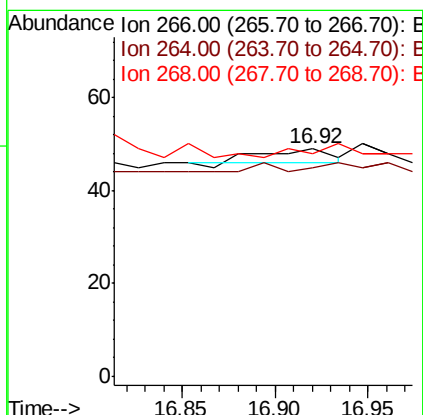
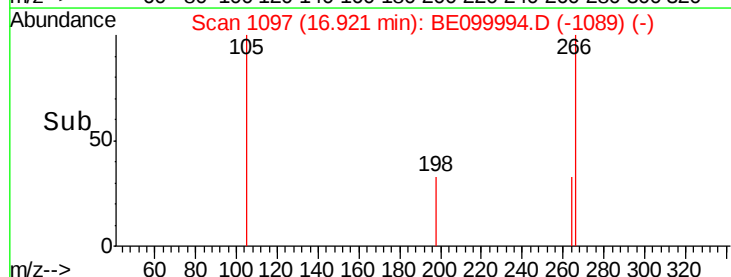
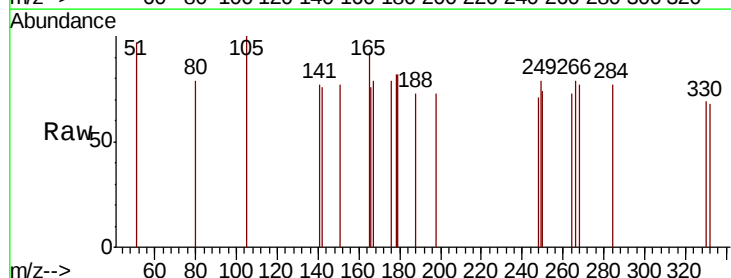
Tgt Ion:266 Resp: 7

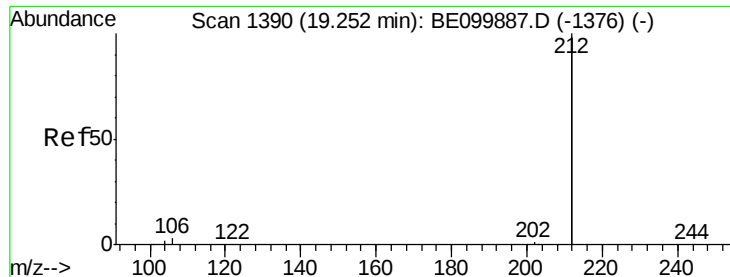
Ion Ratio Lower Upper

266 100

264 91.8 62.2 93.2

268 98.0 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

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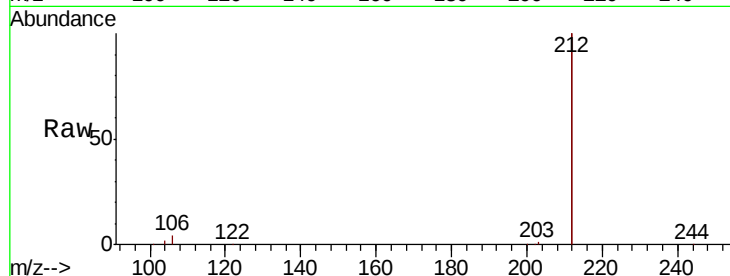
Tgt Ion:212 Resp: 34986

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

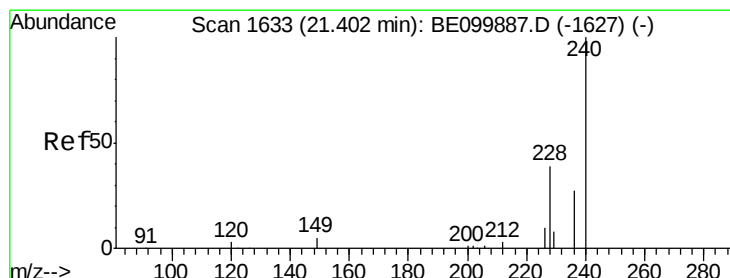
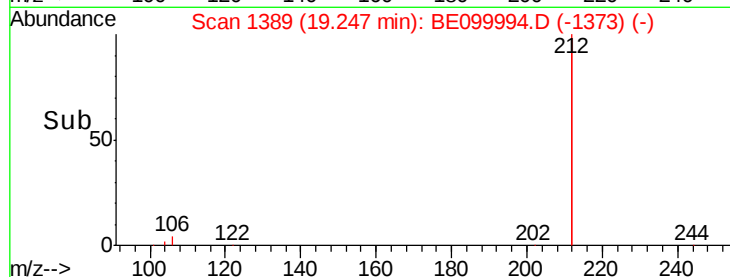
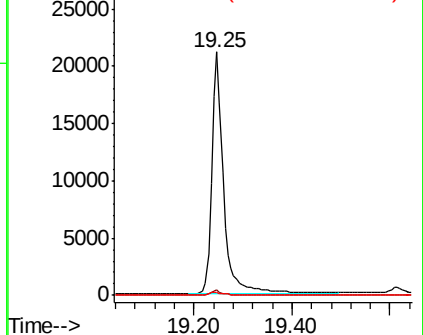
104 1.0 0.9 1.3



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: BE099994.D

Acq: 13 Jun 2019 17:48

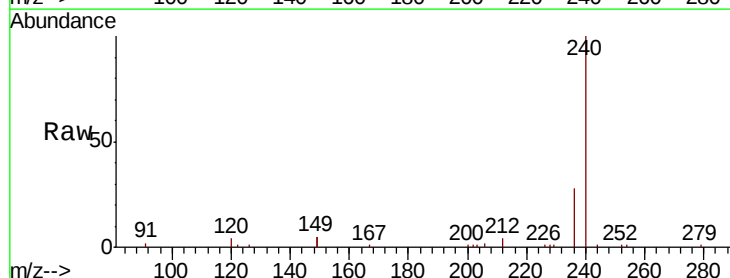
Tgt Ion:240 Resp: 11634

Ion Ratio Lower Upper

240 100

120 4.2 3.8 5.6

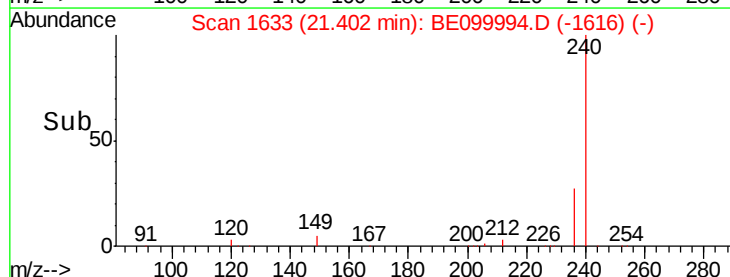
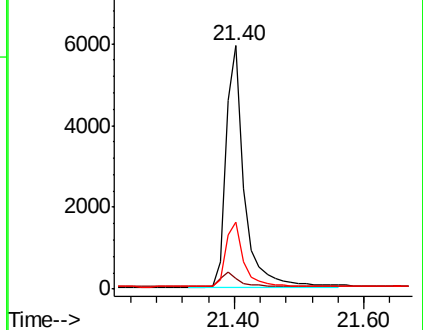
236 27.5 22.0 33.0

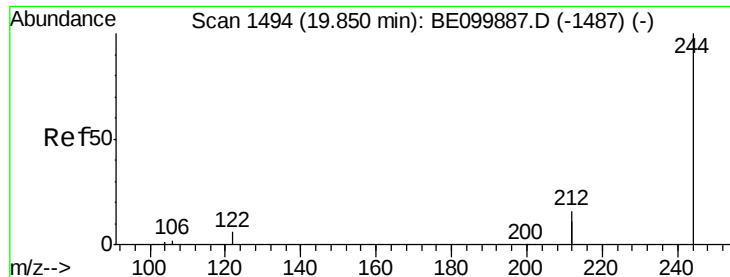


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.440 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190604

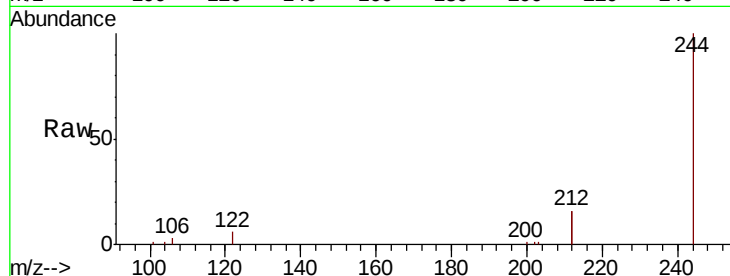
Tgt Ion:244 Resp: 9205

Ion Ratio Lower Upper

244 100

212 31.1 25.7 38.5

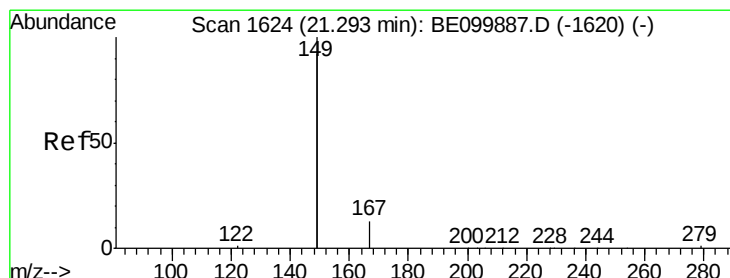
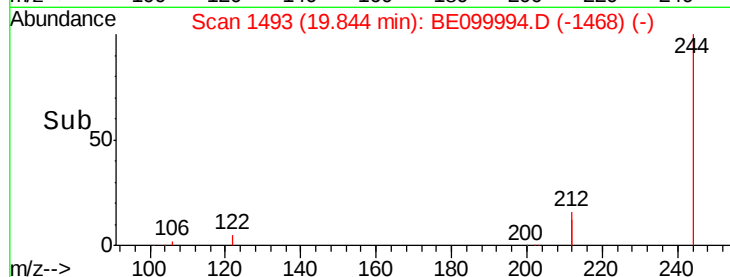
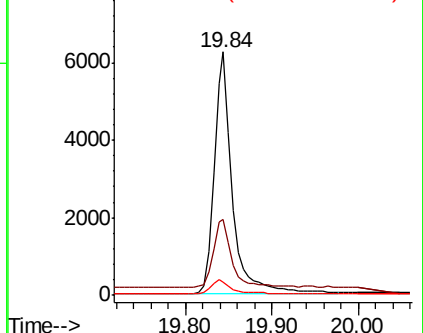
122 5.6 5.5 8.3



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: 0.044 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099994.D

Acq: 13 Jun 2019 17:48

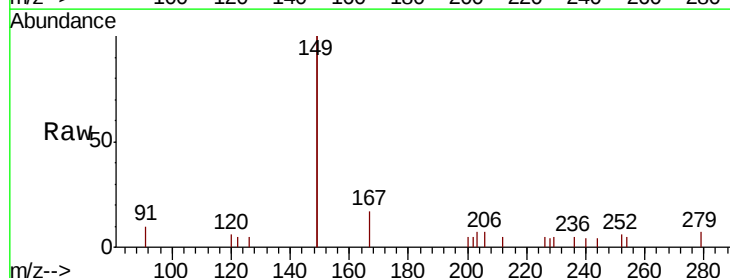
Tgt Ion:149 Resp: 2205

Ion Ratio Lower Upper

149 100

167 7.8 5.9 8.9

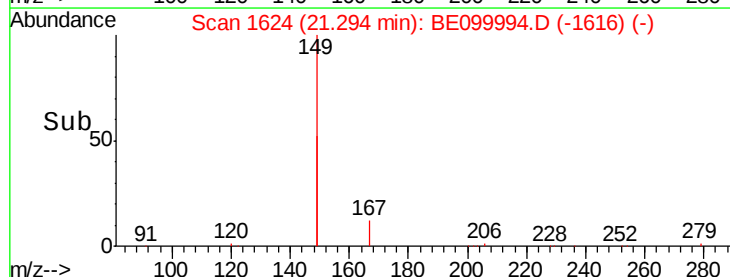
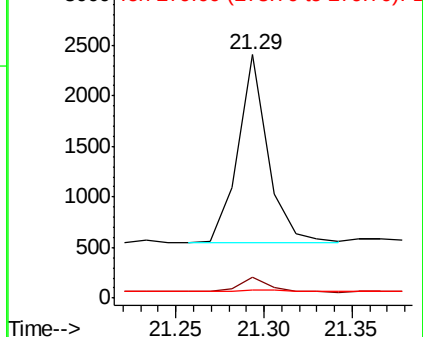
279 1.9 1.2 1.8#

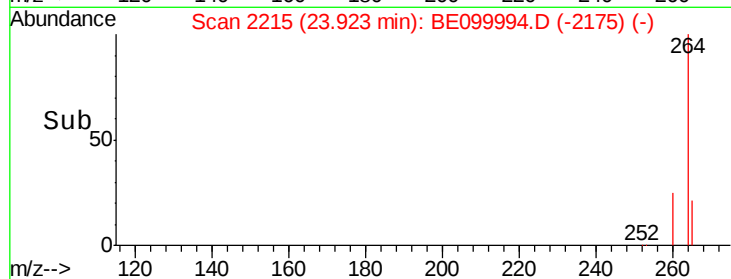
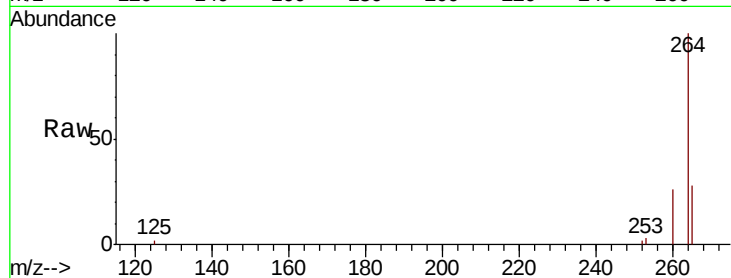
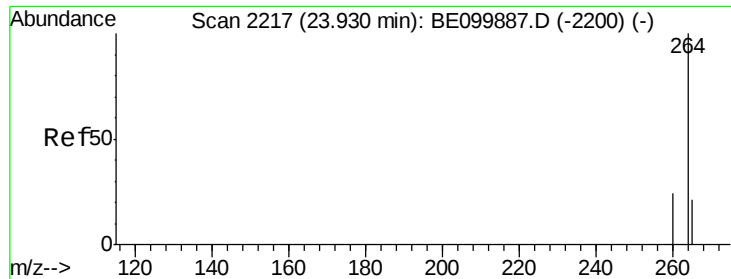


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099994.D

Acq: 13 Jun 2019 17:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190604

Tgt Ion: 264 Resp: 13467

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 28.0 22.0 33.0

