

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099968.D
 Acq On : 12 Jun 2019 22:15
 Operator : JU/SJ
 Sample : K3255-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-20190605

Quant Time: Jun 13 04:11:26 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

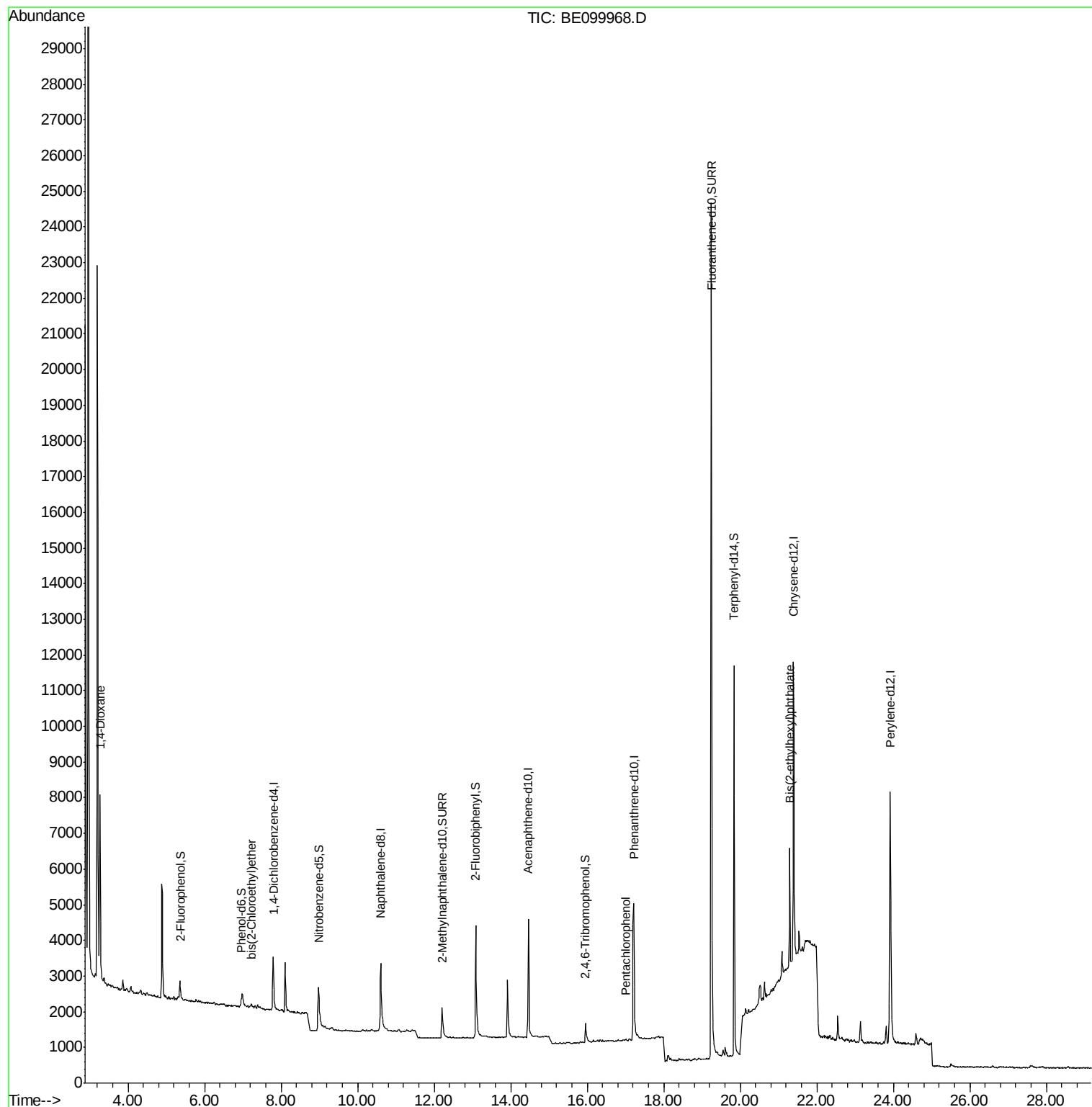
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1008	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3462	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2714	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	8010	0.40	ng	0.00
27) Chrysene-d12	21.39	240	10675	0.40	ng	-0.01
34) Perylene-d12	23.92	264	12464	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	390	0.14	ng	0.00
5) Phenol-d6	6.96	99	328	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1166	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1887	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	494	0.25	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4112	0.40	ng	-0.01
25) Fluoranthene-d10	19.24	212	37170	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	11021	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	4567	3.061	ng	95
6) bis(2-Chloroethyl)ether	7.22	93	69	0.024	ng	95
22) Pentachlorophenol	17.00	266	2	0.301	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	3998	0.087	ng	100

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

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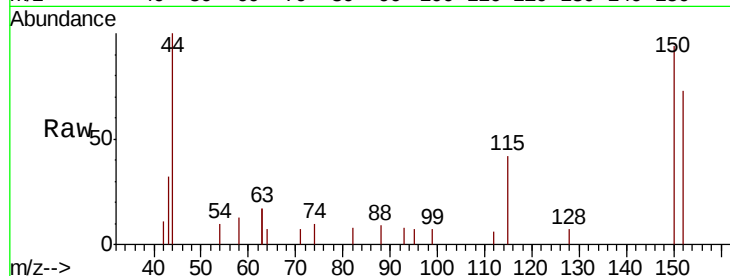


#1

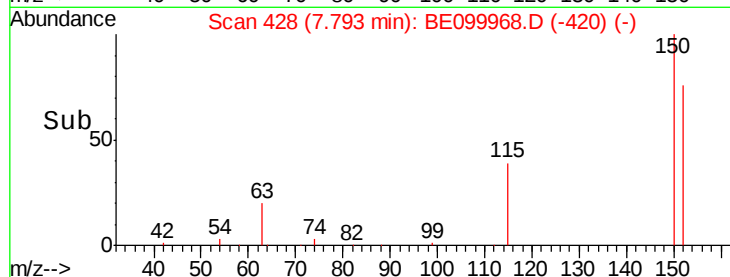
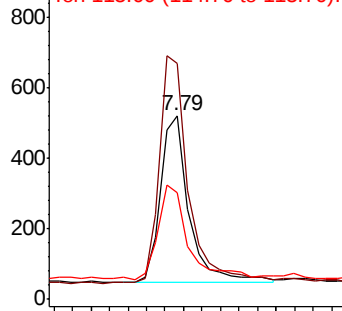
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099968.D
Acq: 12 Jun 2019 22:15

Instrument :
BNA_E
ClientSampleId :
RE109D1-20190605

Tgt Ion: 152 Resp: 1008
Ion Ratio Lower Upper
152 100
150 128.2 111.0 166.6
115 57.9 50.7 76.1



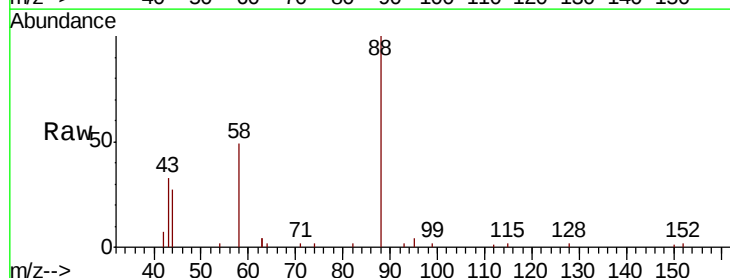
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



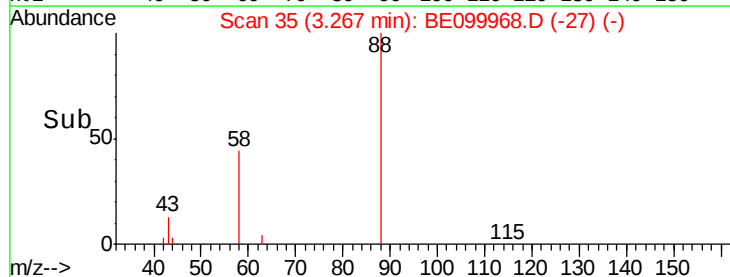
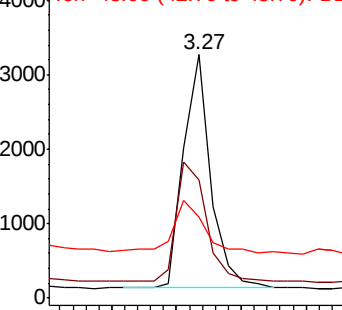
#2

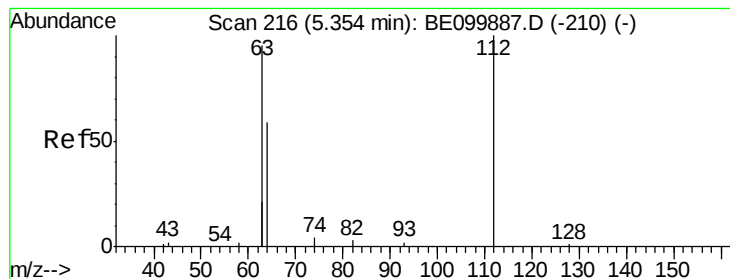
1,4-Dioxane
Concen: 3.061 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099968.D
Acq: 12 Jun 2019 22:15

Tgt Ion: 88 Resp: 4567
Ion Ratio Lower Upper
88 100
58 56.0 48.8 73.2
43 24.9 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: 0.143 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190605

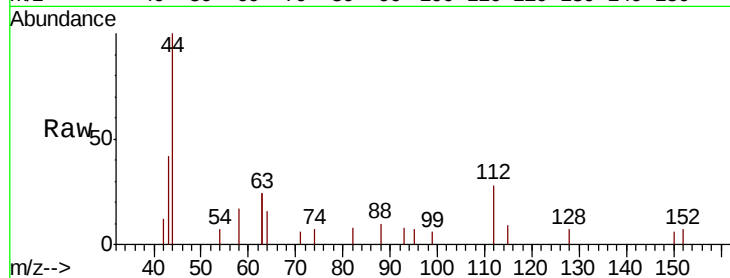
Tgt Ion: 112 Resp: 390

Ion Ratio Lower Upper

112 100

64 60.5 44.1 66.1

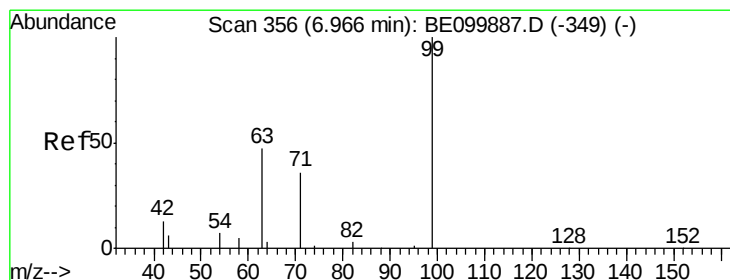
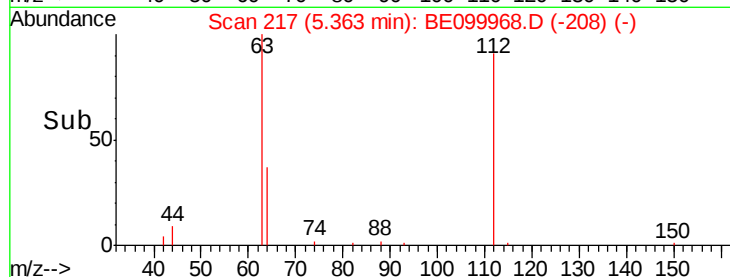
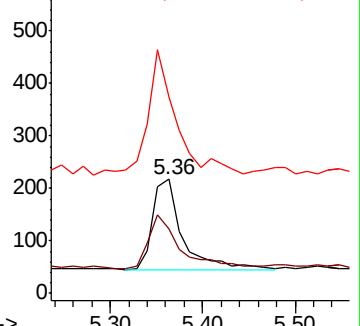
63 124.9 87.8 131.6



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: 0.094 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

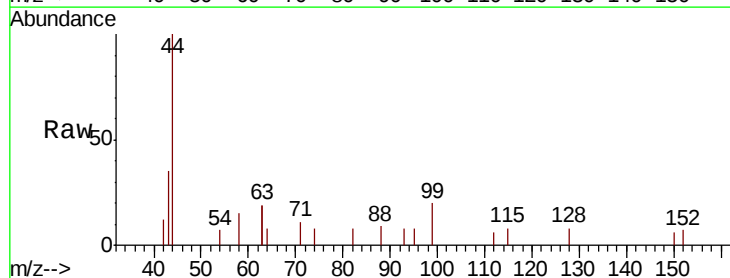
Tgt Ion: 99 Resp: 328

Ion Ratio Lower Upper

99 100

42 27.1 15.9 23.9#

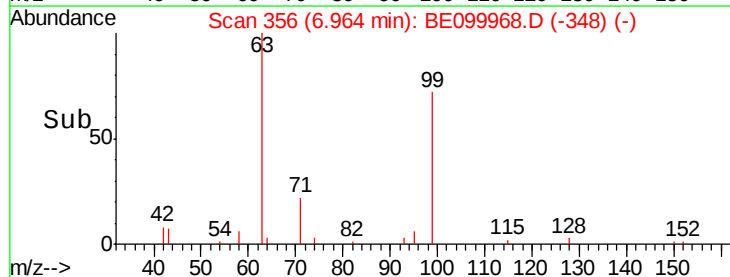
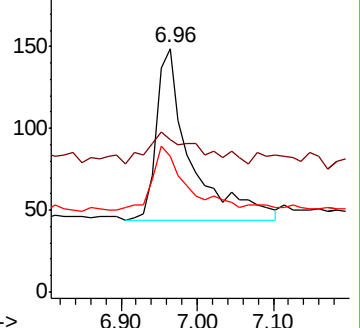
71 36.9 34.6 52.0

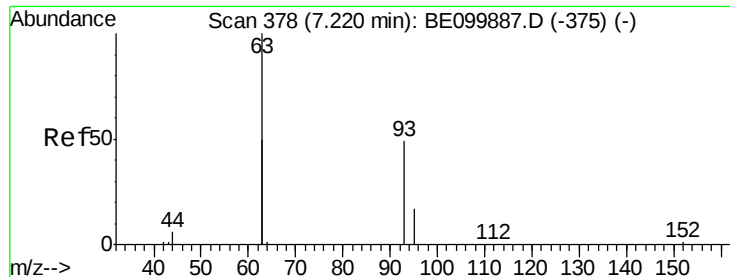


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190605

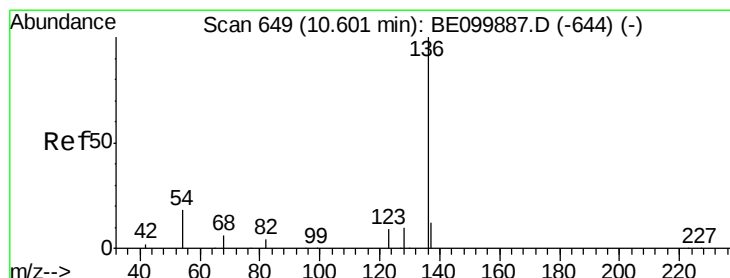
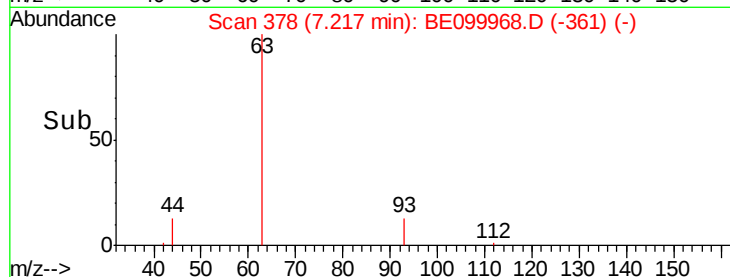
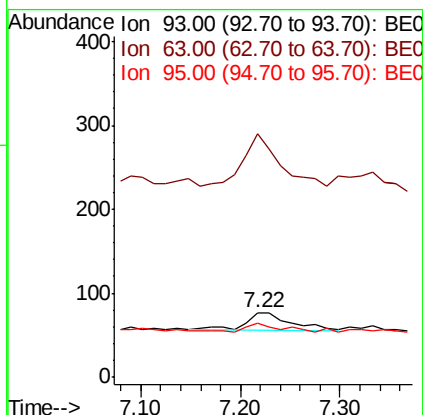
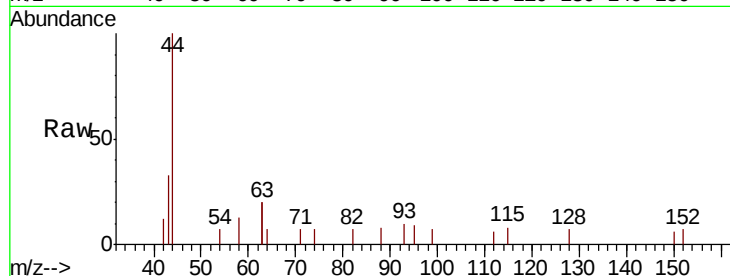
Tgt Ion: 93 Resp: 69

Ion Ratio Lower Upper

93 100

63 244.9 202.8 304.2

95 31.9 23.7 35.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Tgt Ion: 136 Resp: 3462

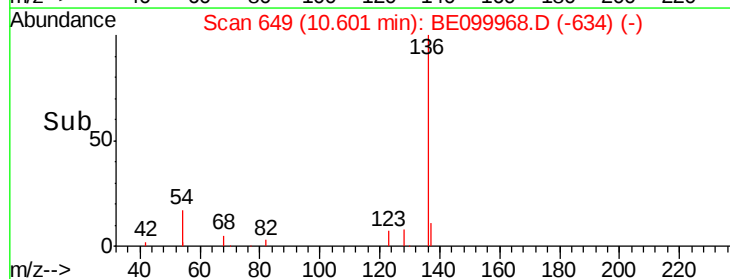
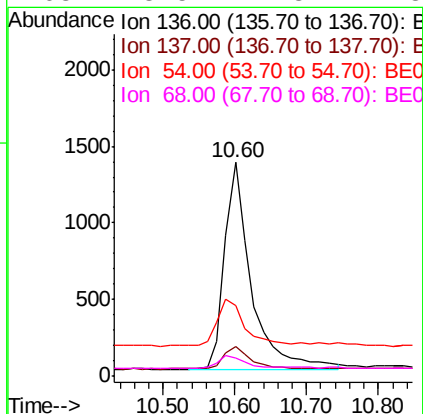
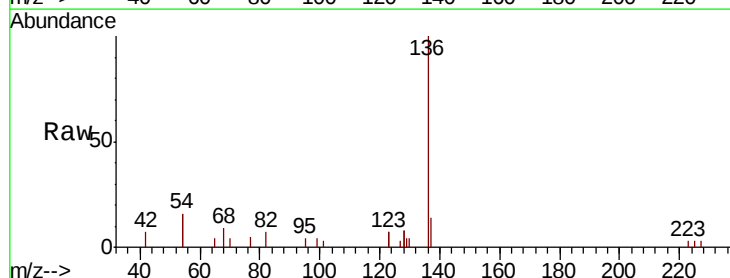
Ion Ratio Lower Upper

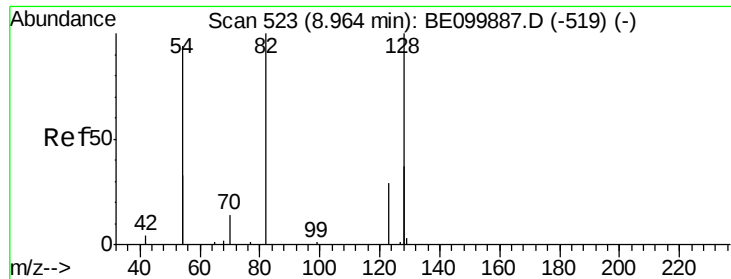
136 100

137 14.0 12.3 18.5

54 32.7 28.2 42.4

68 8.5 7.8 11.8





#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190605

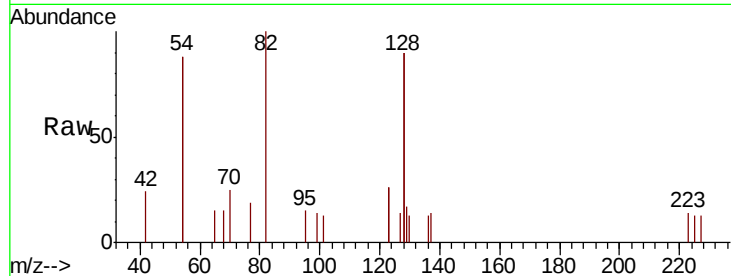
Tgt Ion: 82 Resp: 1166

Ion Ratio Lower Upper

82 100

128 180.8 137.3 205.9

54 175.8 129.7 194.5



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

8.98

600

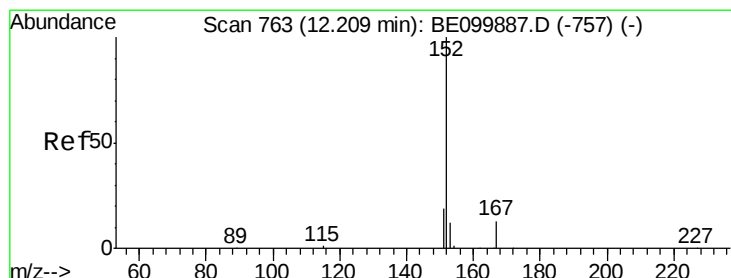
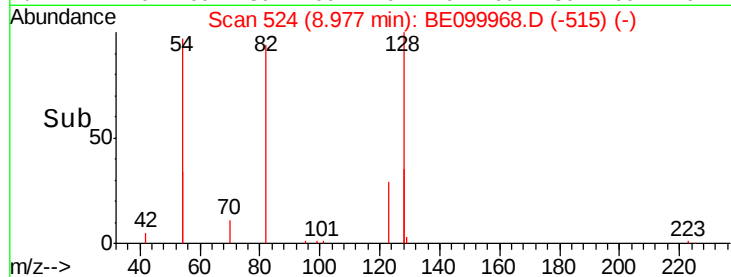
400

200

0

8.80 8.90 9.00 9.10

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099968.D

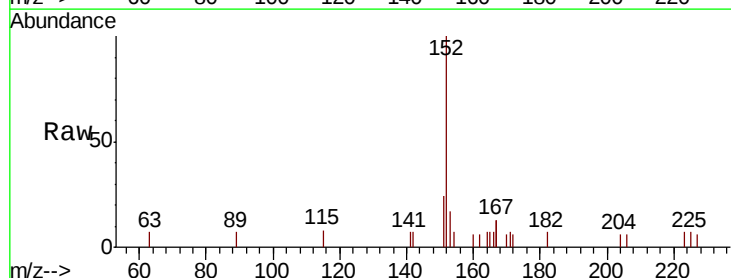
Acq: 12 Jun 2019 22:15

Tgt Ion: 152 Resp: 1887

Ion Ratio Lower Upper

152 100

151 19.1 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

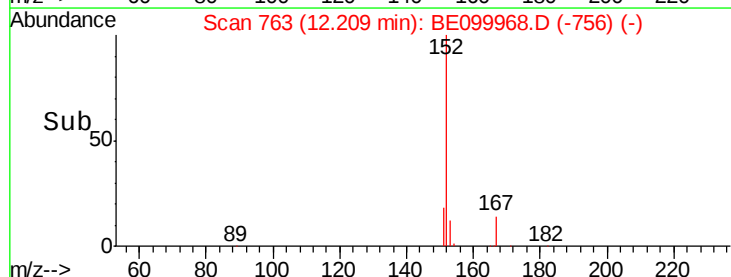
400

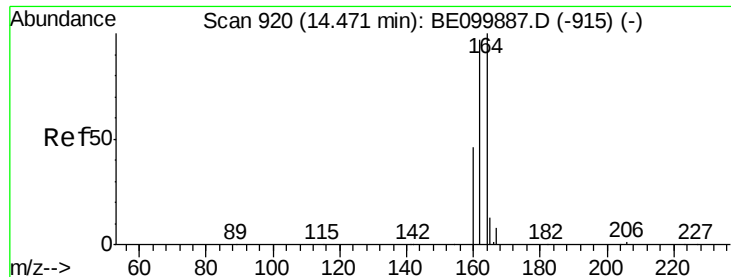
200

0

12.20 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190605

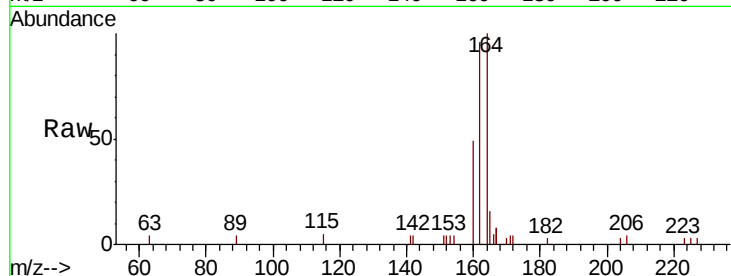
Tgt Ion:164 Resp: 2714

Ion Ratio Lower Upper

164 100

162 96.1 77.8 116.8

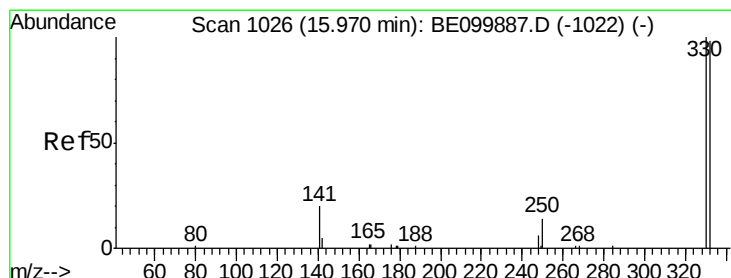
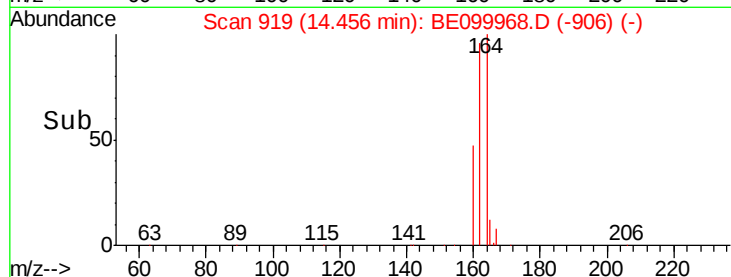
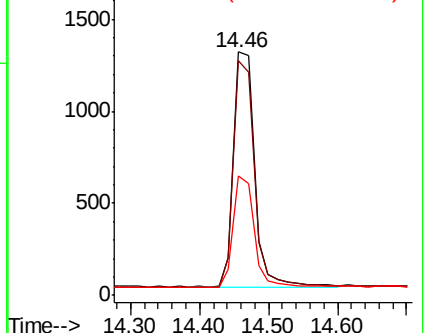
160 49.1 38.2 57.4



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: 0.246 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

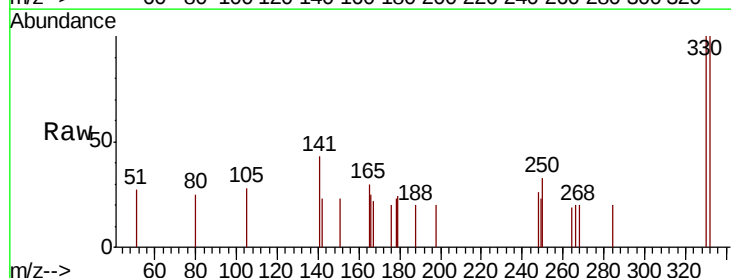
Tgt Ion:330 Resp: 494

Ion Ratio Lower Upper

330 100

332 103.0 76.7 115.1

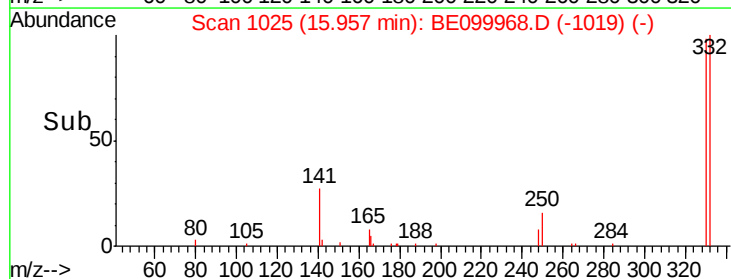
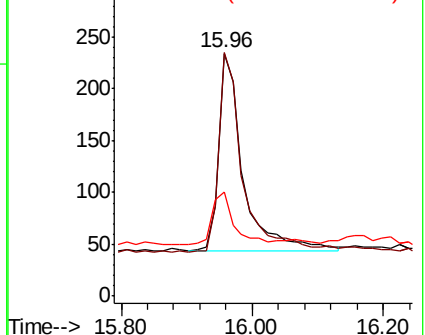
141 23.7 21.0 31.6

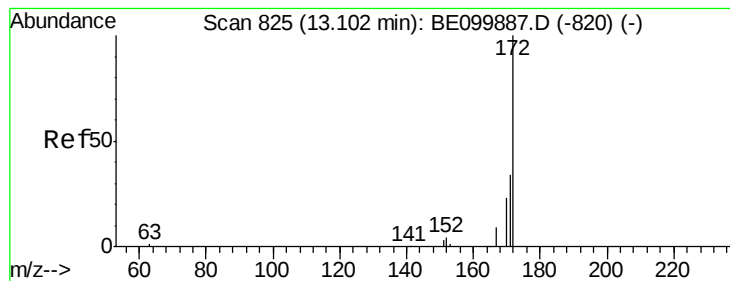


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.400 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190605

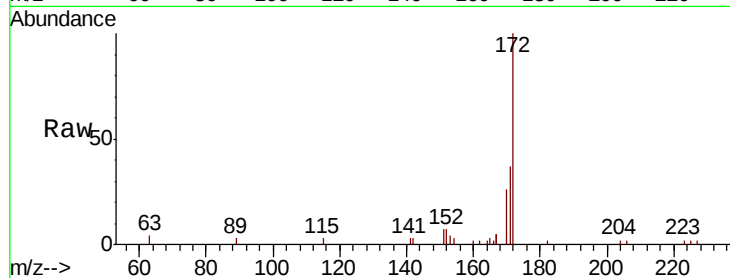
Tgt Ion:172 Resp: 4112

Ion Ratio Lower Upper

172 100

171 36.6 29.2 43.8

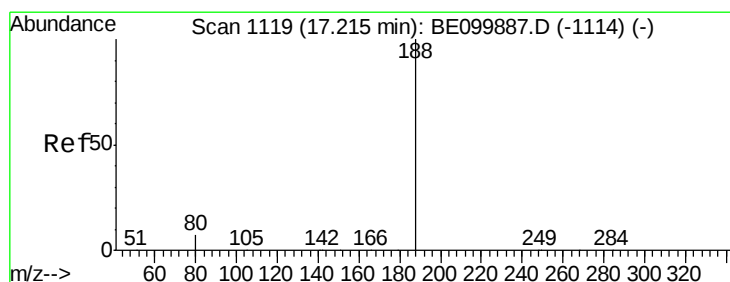
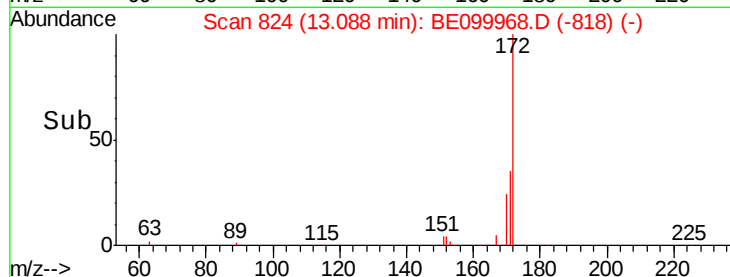
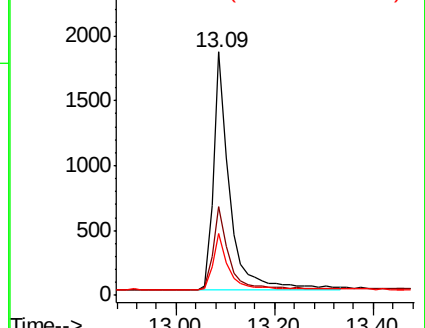
170 25.6 21.2 31.8



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: BE099968.D

Acq: 12 Jun 2019 22:15

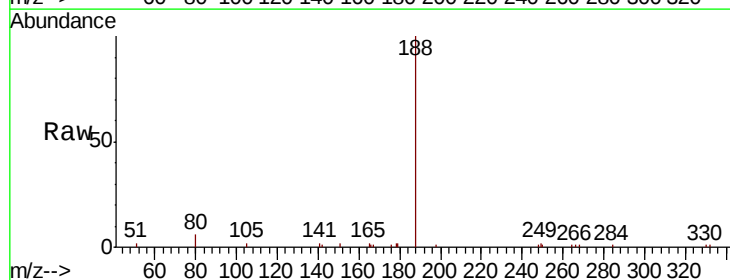
Tgt Ion:188 Resp: 8010

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

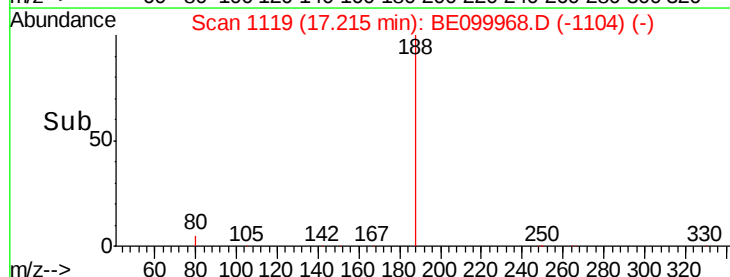
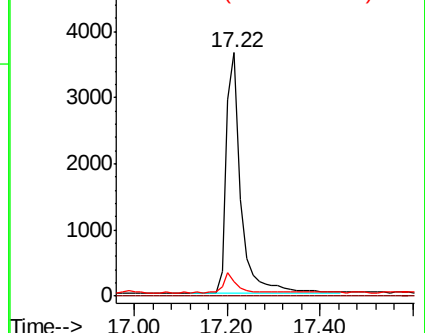
80 6.2 6.4 9.6#

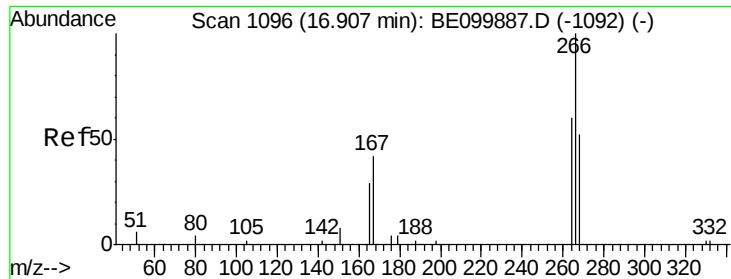


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

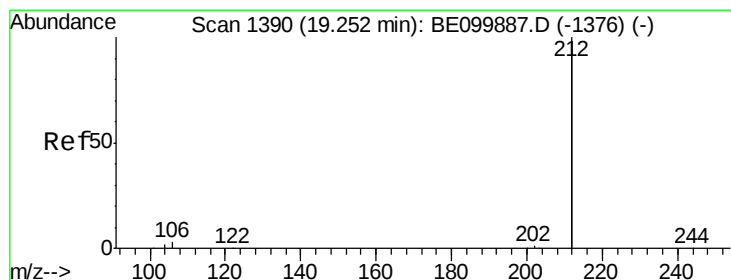
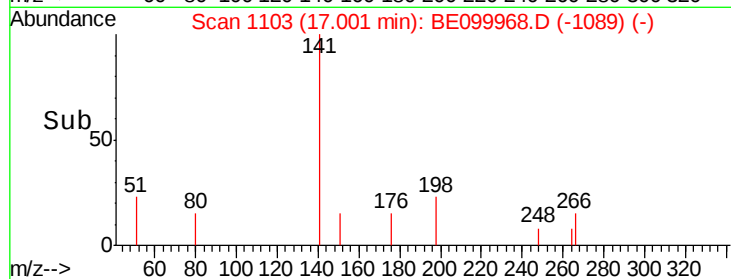
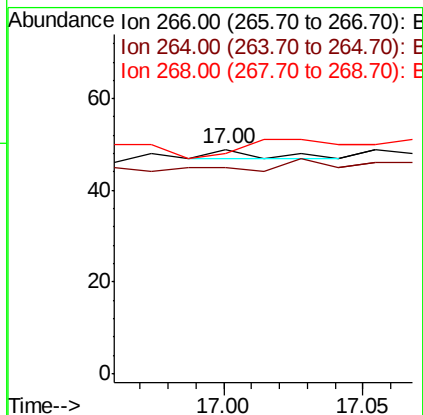
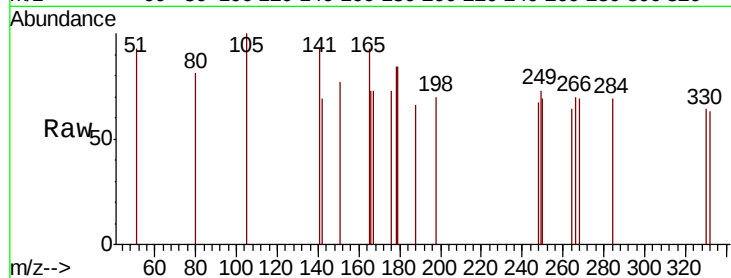




#22
 Pentachlorophenol
 Concen: 0.301 ng
 RT: 17.00 min Scan# 1103
 Delta R.T. 0.09 min
 Lab File: BE099968.D
 Acq: 12 Jun 2019 22:15

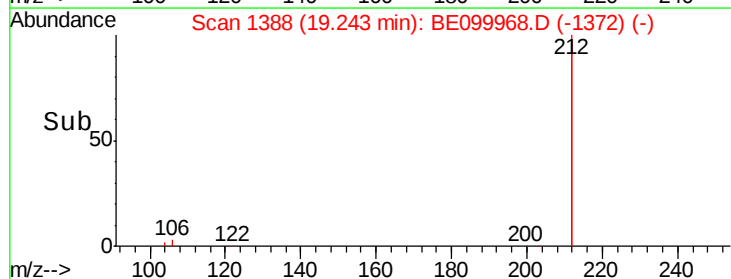
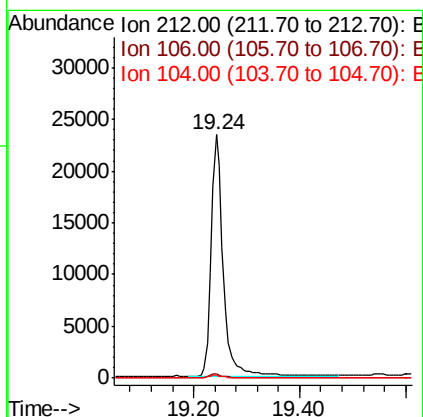
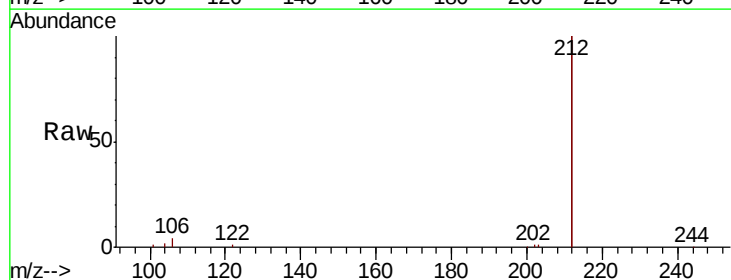
Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-20190605

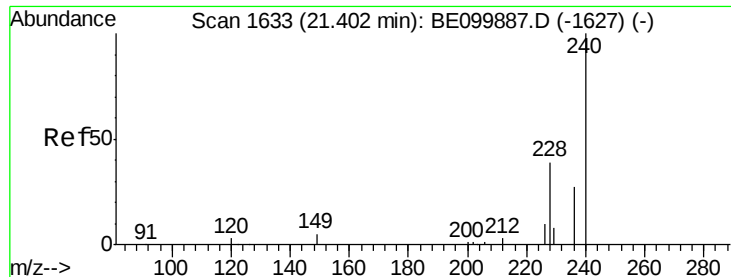
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 91.8 62.2 93.2
 268 98.0 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.318 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099968.D
 Acq: 12 Jun 2019 22:15

Tgt Ion: 212 Resp: 37170
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.0 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

Instrument :

BNA_E

ClientSampleId :

RE109D1-20190605

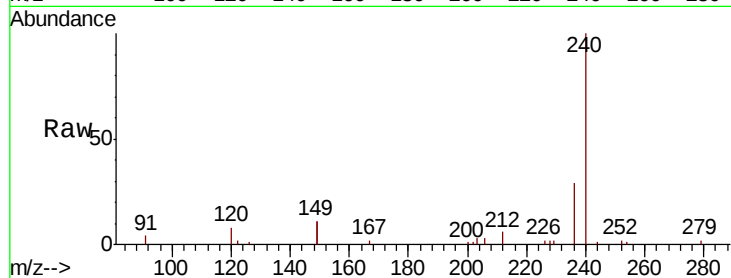
Tgt Ion:240 Resp: 10675

Ion Ratio Lower Upper

240 100

120 7.8 3.8 5.6#

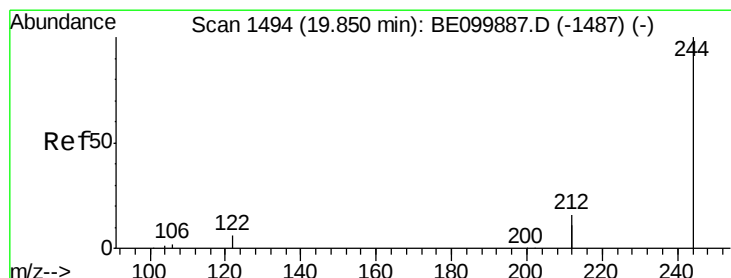
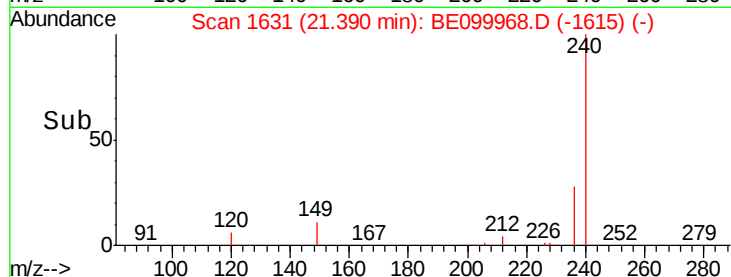
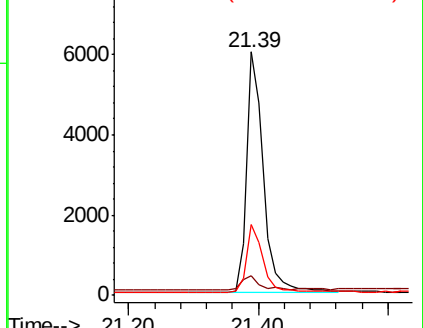
236 29.2 22.0 33.0



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: 0.573 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099968.D

Acq: 12 Jun 2019 22:15

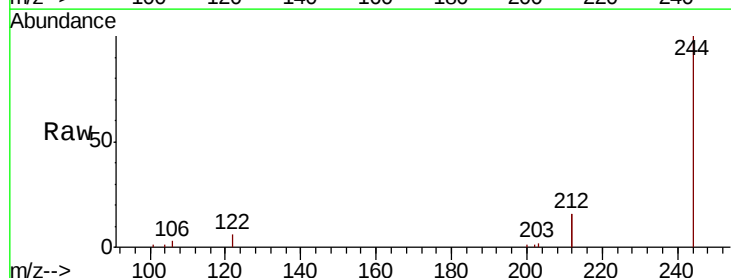
Tgt Ion:244 Resp: 11021

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

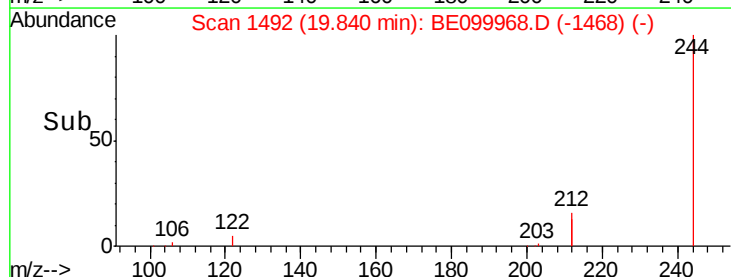
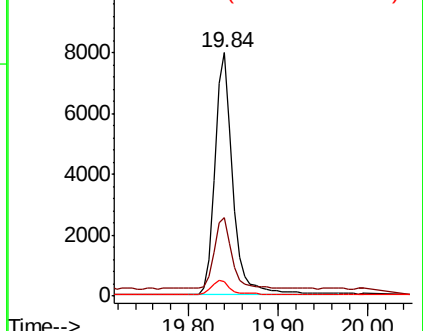
122 5.8 5.5 8.3

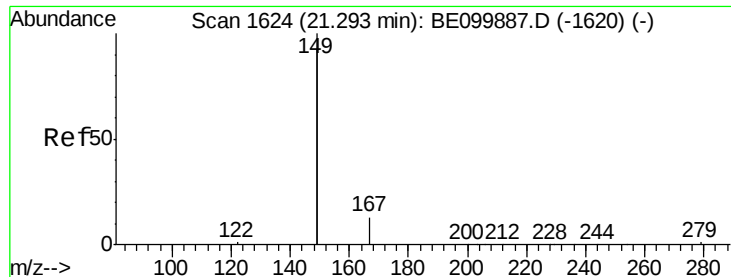


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

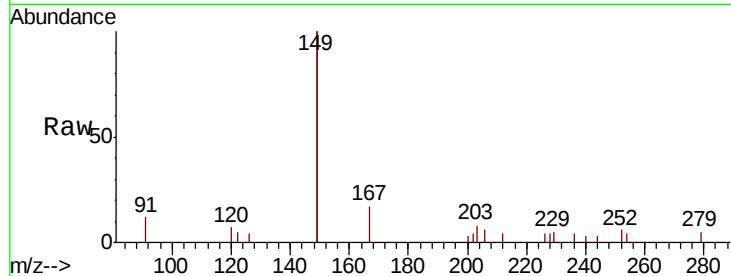




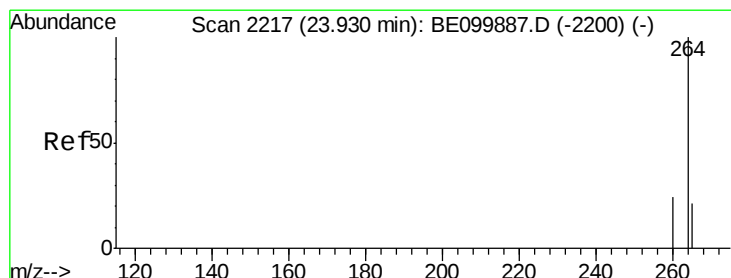
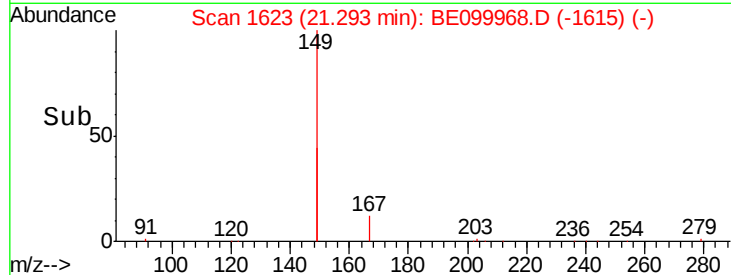
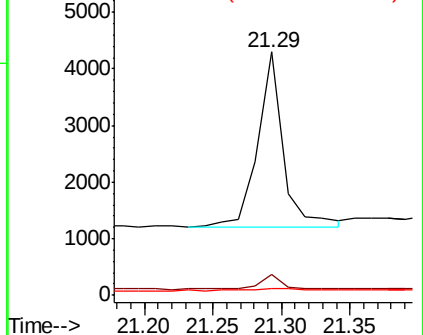
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE099968.D
 Acq: 12 Jun 2019 22:15

Instrument :
 BNA_E
 ClientSampleId :
 RE109D1-20190605

Tgt Ion:149 Resp: 3998
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.9 8.9
 279 1.8 1.2 1.8

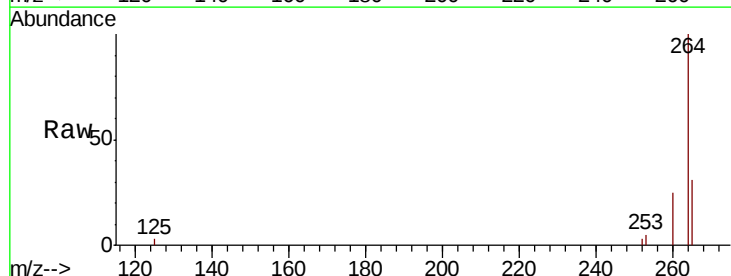


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BE099968.D
 Acq: 12 Jun 2019 22:15

Tgt Ion:264 Resp: 12464
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 31.4 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

