

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
 Data File : BE099245.D
 Acq On : 27 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K2064-12RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 14:15:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

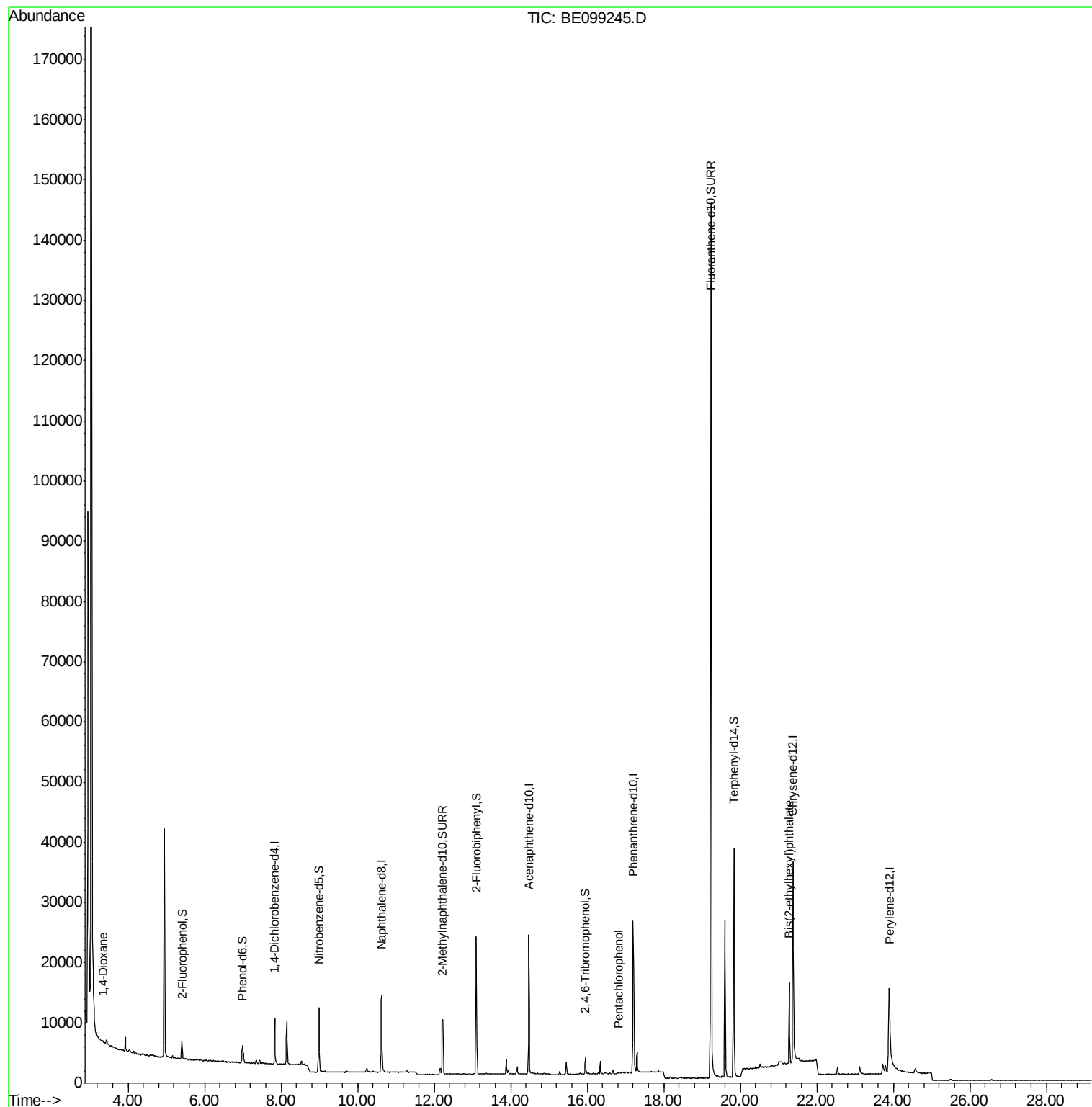
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3816	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	17370	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	13517	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	38235	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	41854	0.40	ng	-0.01
34) Perylene-d12	23.89	264	31876	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1921	0.17	ng	0.00
5) Phenol-d6	6.99	99	2766	0.16	ng	0.00
8) Nitrobenzene-d5	8.98	82	5594	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	14141	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1974	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	22428	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	206349	0.45	ng	0.00
29) Terphenyl-d14	19.83	244	35149	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	120	0.024	ng	# 1
22) Pentachlorophenol	16.83	266	15	0.243	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.28	149	15336	0.093	ng	99

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

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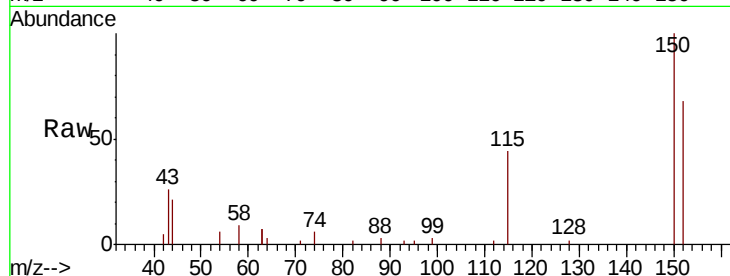


#1

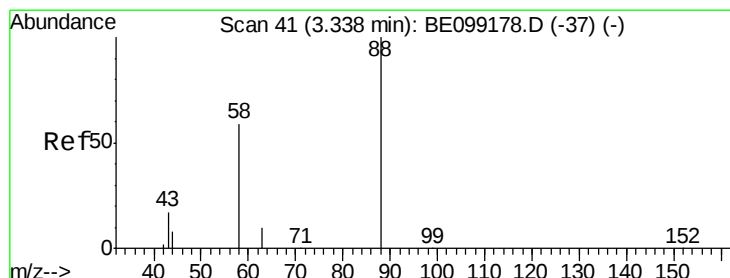
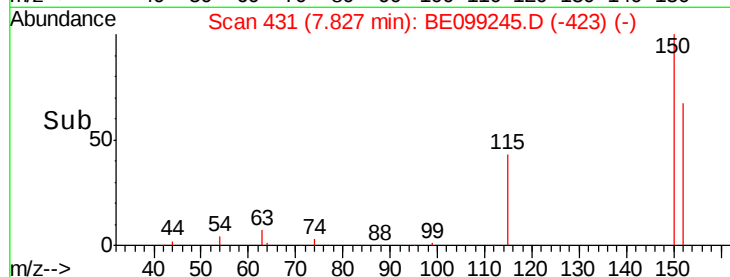
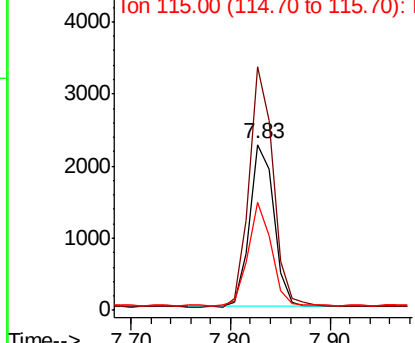
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099245.D
Acq: 27 Mar 2019 11:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3816
Ion Ratio Lower Upper
152 100
150 146.9 112.8 169.2
115 65.4 45.1 67.7



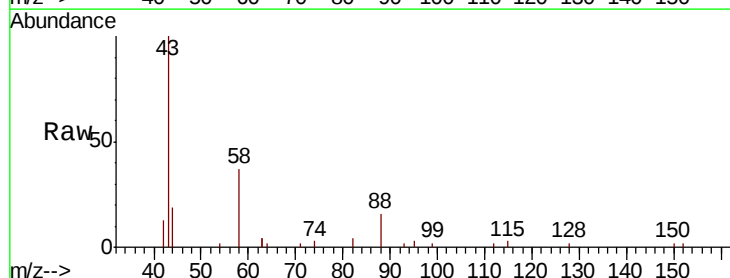
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



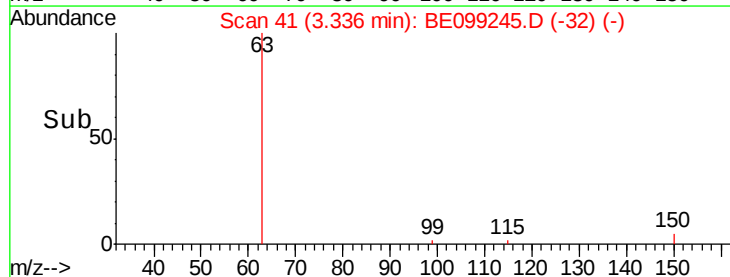
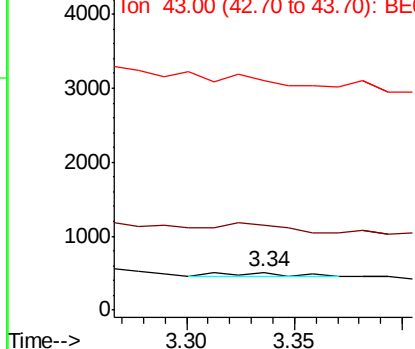
#2

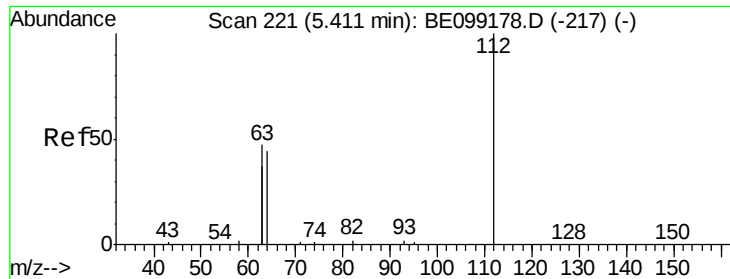
1,4-Dioxane
Concen: 0.024 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099245.D
Acq: 27 Mar 2019 11:49

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 201.7 47.4 71.0#
43 0.0 15.6 23.4#



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: 0.169 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

Instrument :

BNA_E

ClientSampleId :

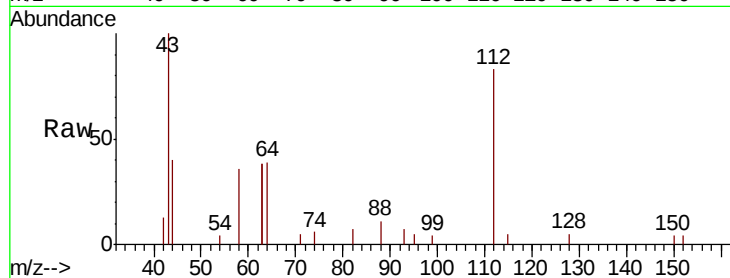
Tot Ion:112 Resp: 1921

Ion Ratio Lower Upper

112 100

64 57.9 46.2 69.2

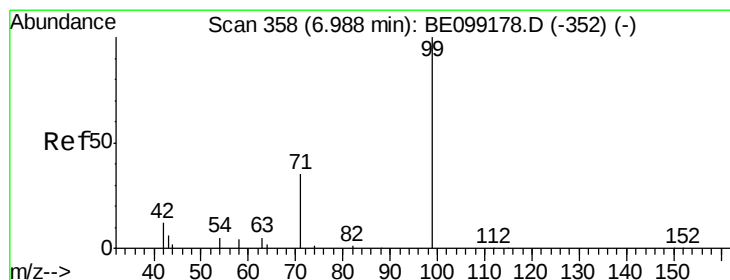
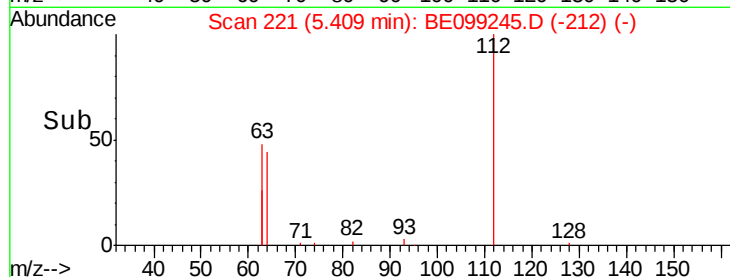
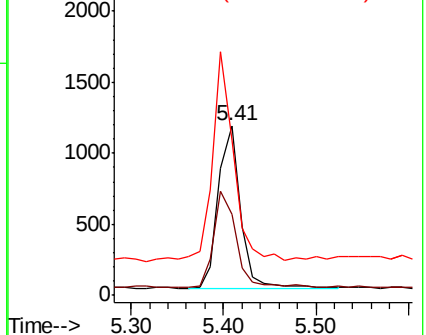
63 116.7 89.9 134.9



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: 0.159 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

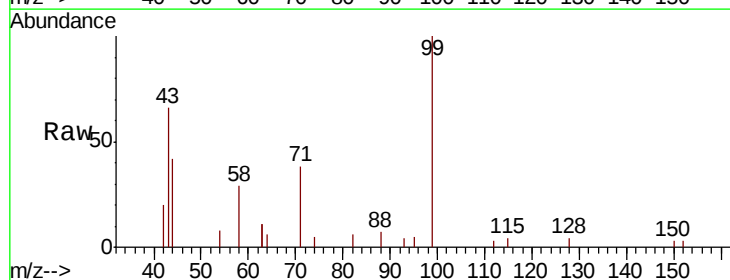
Tgt Ion: 99 Resp: 2766

Ion Ratio Lower Upper

99 100

42 18.5 12.4 18.6

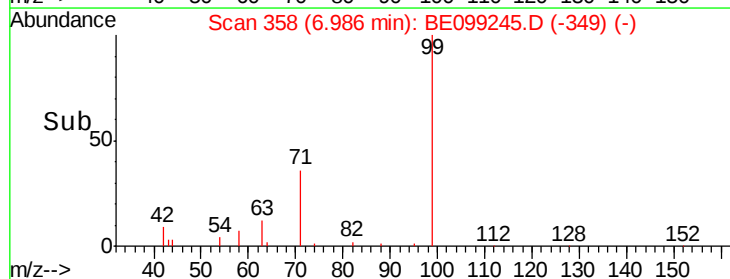
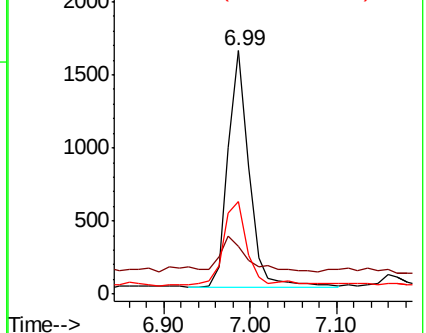
71 42.3 28.4 42.6

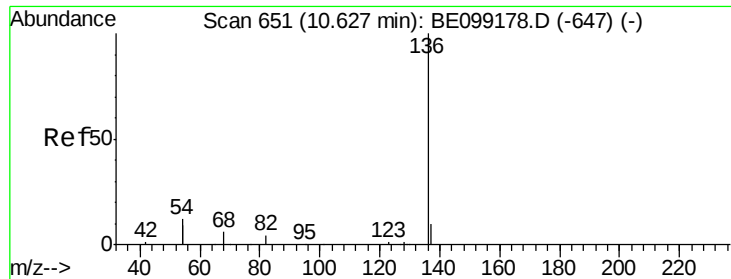


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17370

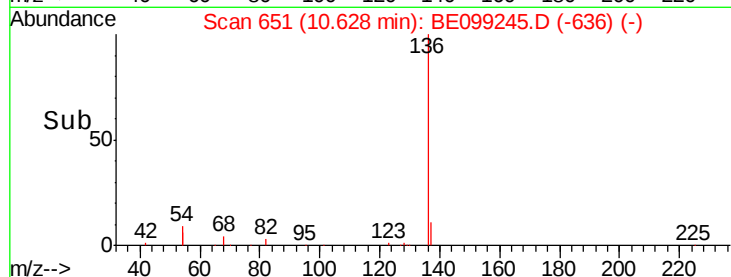
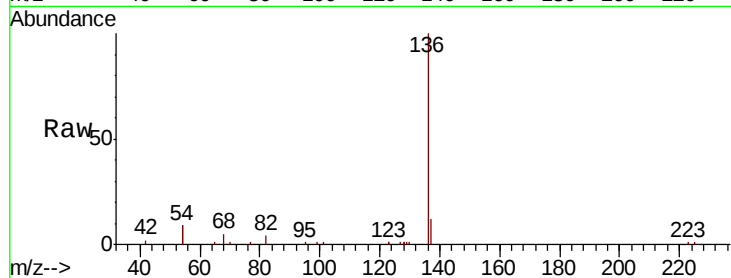
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 17.2 18.7 28.1#

68 4.7 5.2 7.8#

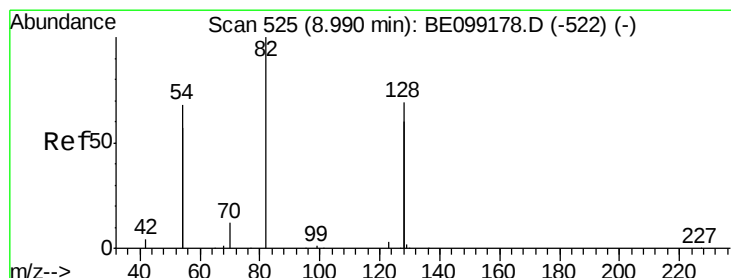
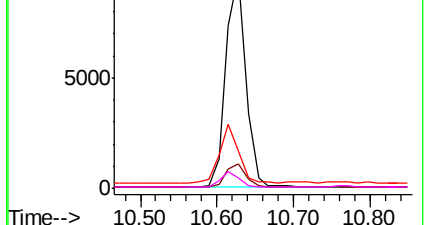


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

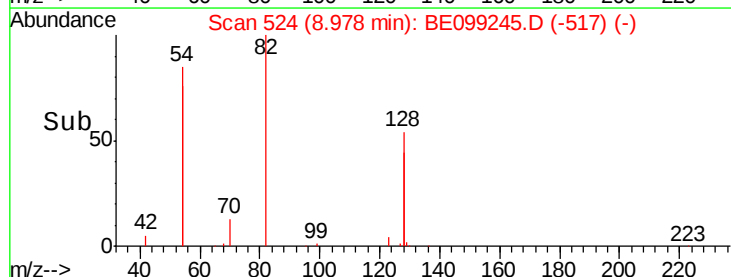
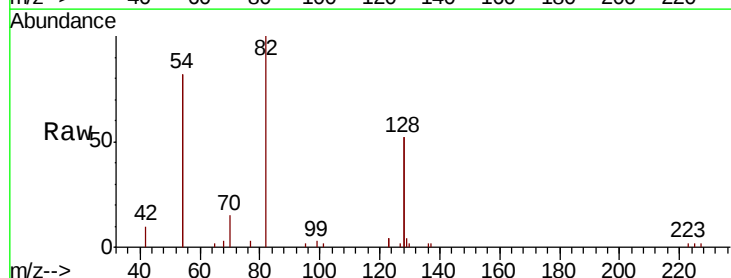
Tgt Ion: 82 Resp: 5594

Ion Ratio Lower Upper

82 100

128 104.9 107.5 161.3#

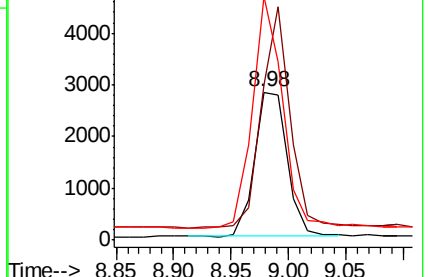
54 164.8 106.3 159.5#

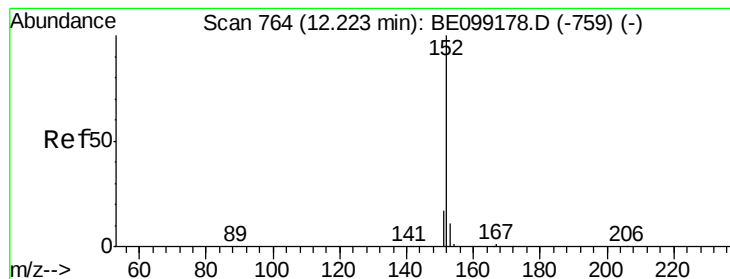


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.423 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

Instrument :

BNA_E

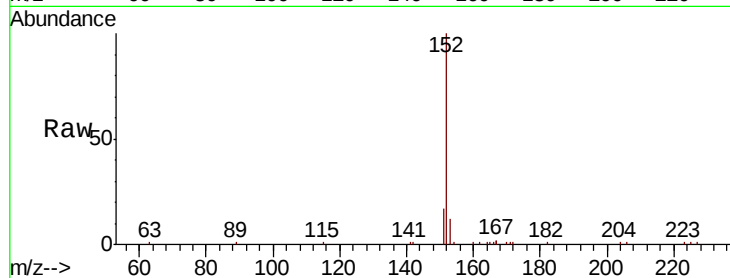
ClientSampleId :

Tot Ion:152 Resp: 14141

Ion Ratio Lower Upper

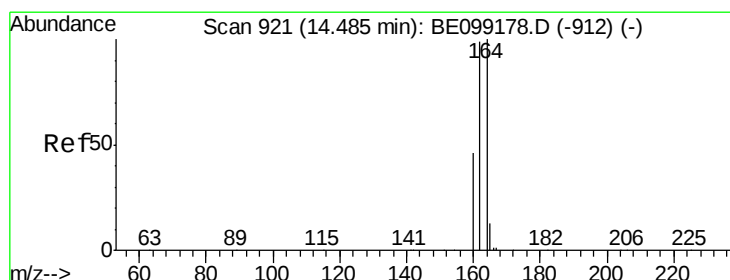
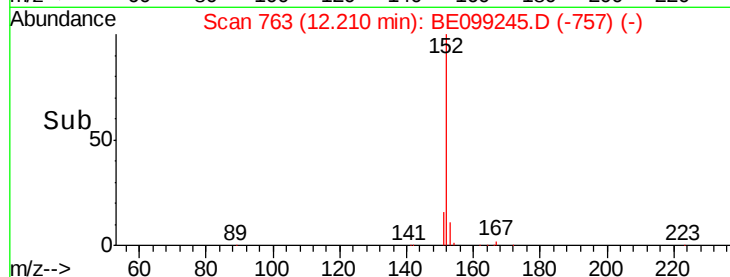
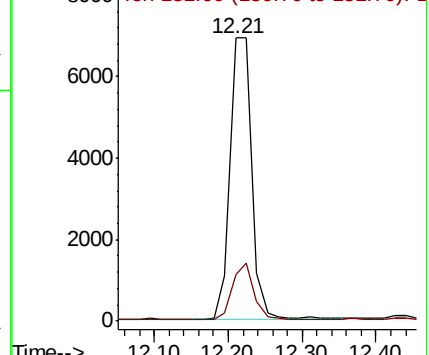
152 100

151 19.5 15.0 22.6



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. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

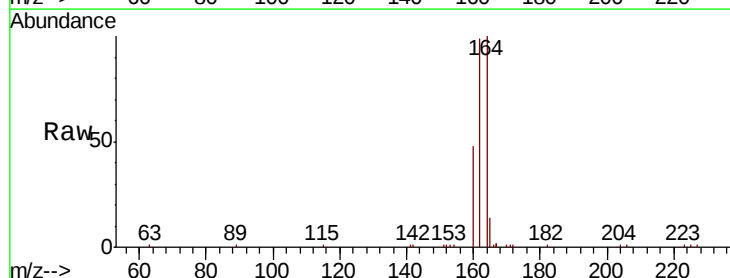
Tgt Ion:164 Resp: 13517

Ion Ratio Lower Upper

164 100

162 99.0 79.2 118.8

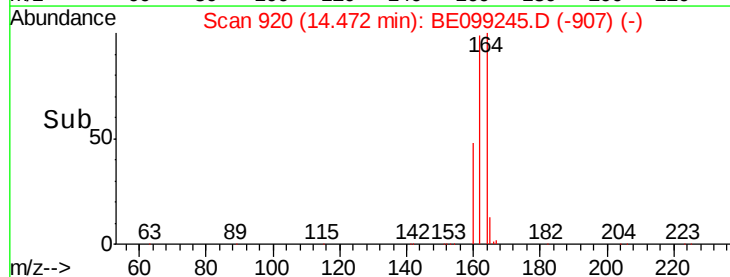
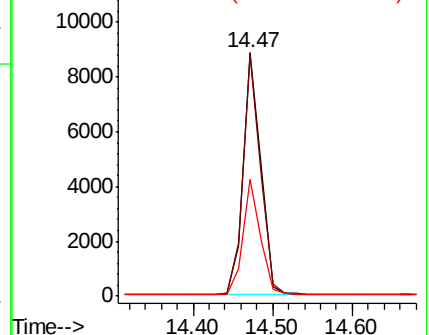
160 48.1 36.7 55.1

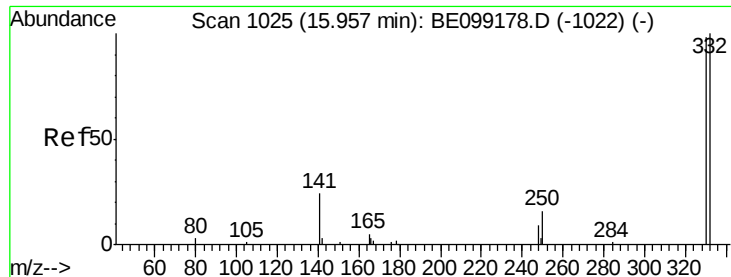


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

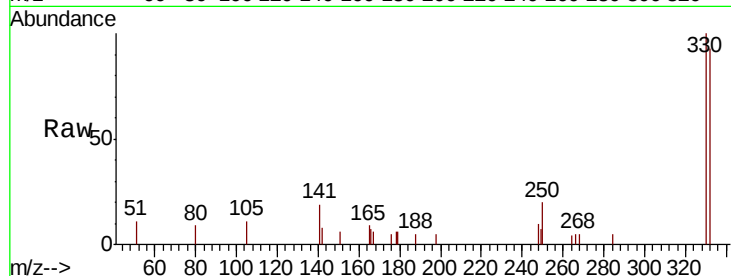




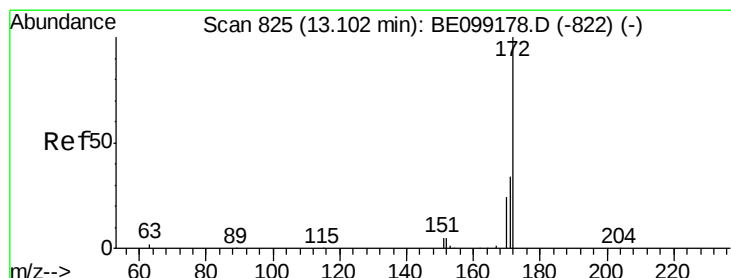
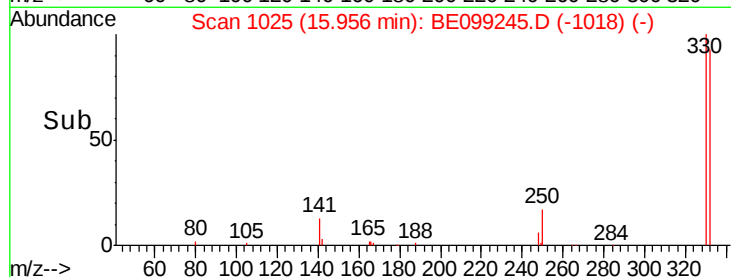
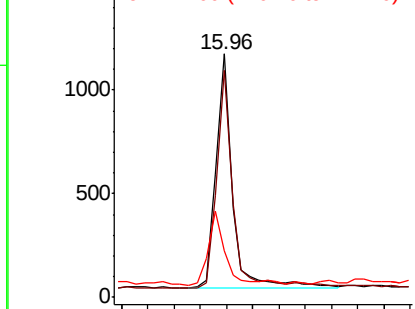
#14
 2,4,6-Tribromophenol
 Concen: 0.485 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099245.D
 Acq: 27 Mar 2019 11:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1974
 Ion Ratio Lower Upper
 330 100
 332 88.1 71.3 106.9
 141 33.8 21.7 32.5#

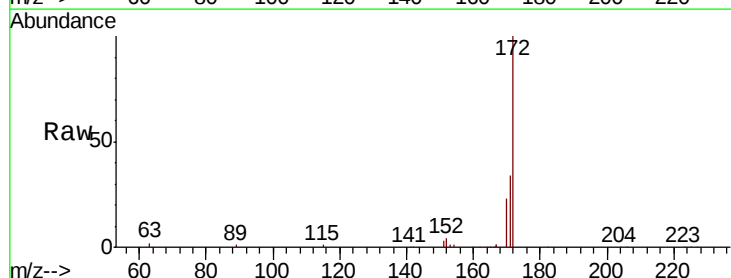


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

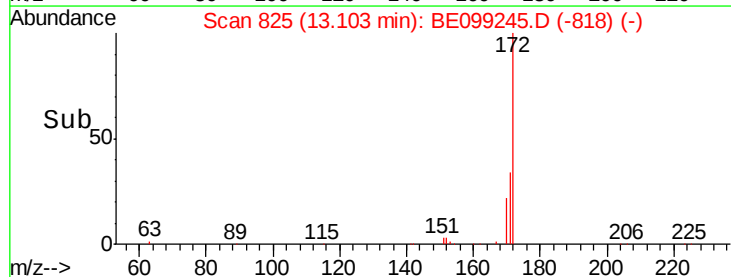
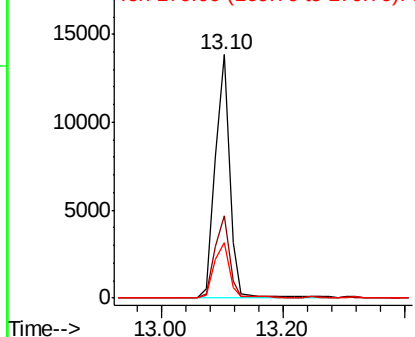


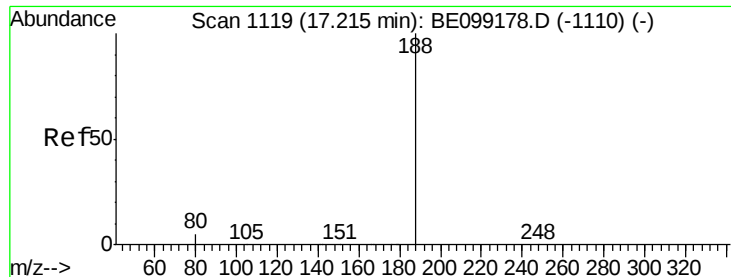
#15
 2-Fluorobiphenyl
 Concen: 0.407 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099245.D
 Acq: 27 Mar 2019 11:49

Tgt Ion:172 Resp: 22428
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.4 41.0
 170 22.7 19.1 28.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

Instrument :

BNA_E

ClientSampleId :

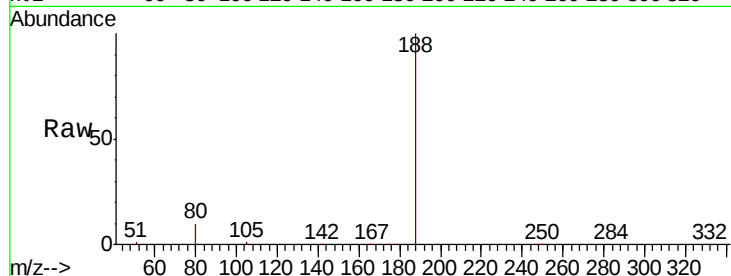
Tot Ion:188 Resp: 38235

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

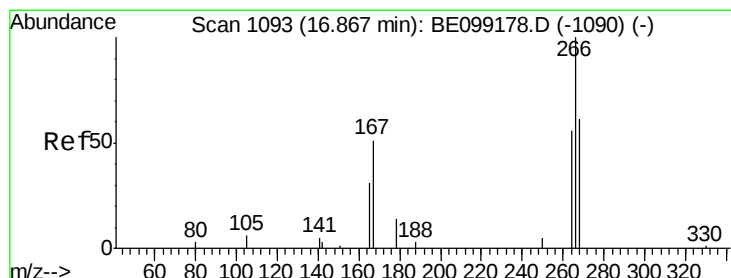
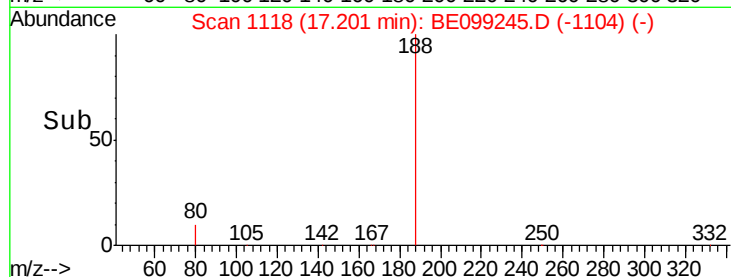
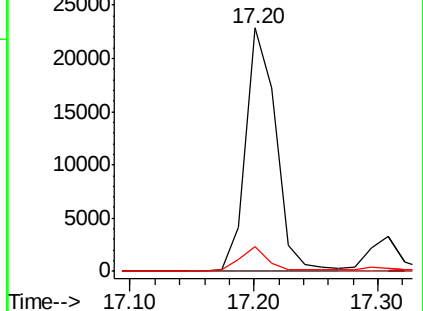
80 10.3 4.5 6.7#



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: 0.243 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.04 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

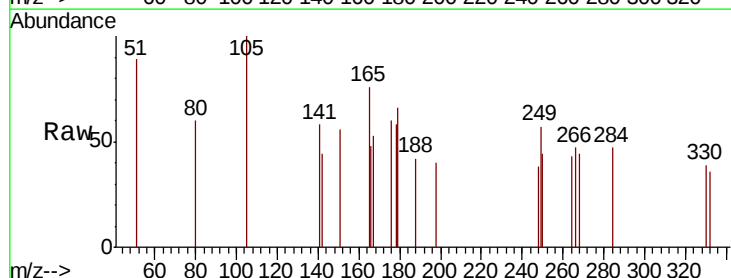
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 91.8 54.4 81.6#

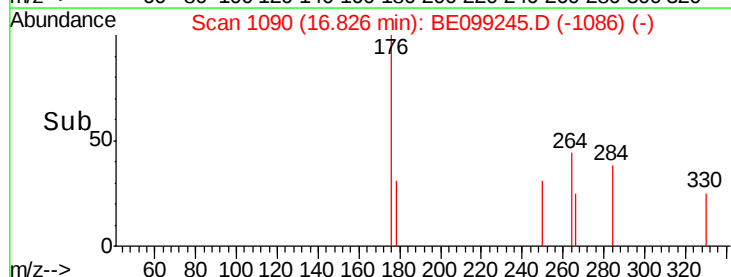
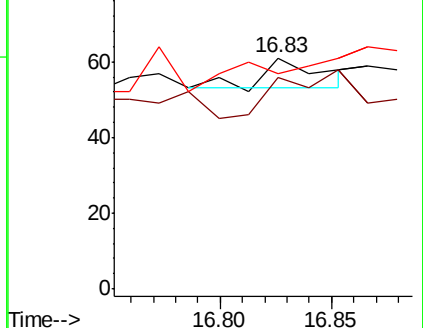
268 93.4 61.3 91.9#

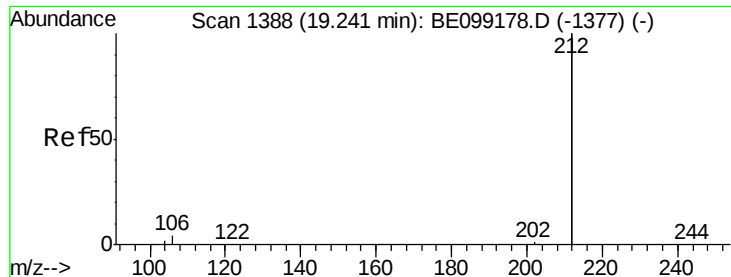


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.445 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

Instrument :

BNA_E

ClientSampleId :

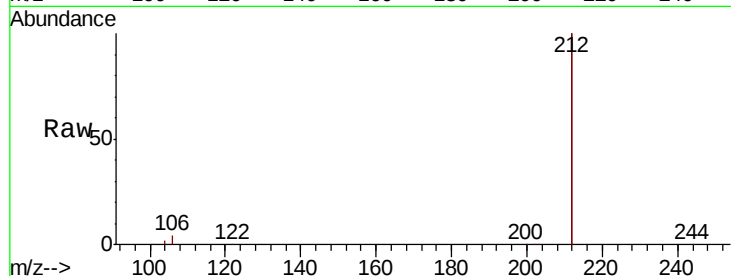
Tot Ion:212 Resp: 206349

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

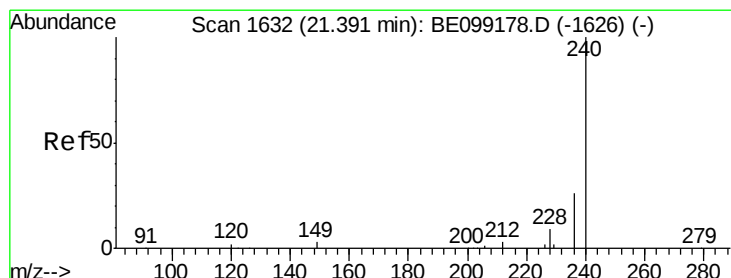
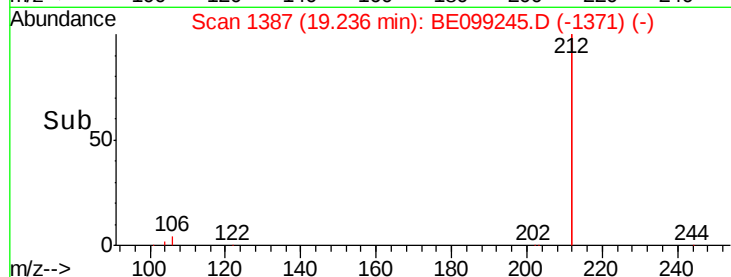
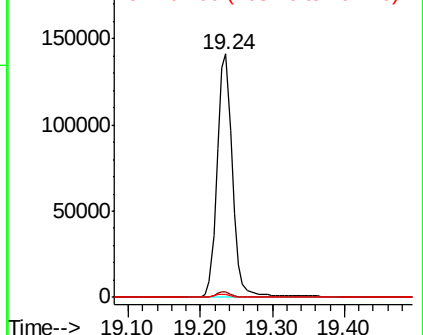
104 1.3 1.1 1.7



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

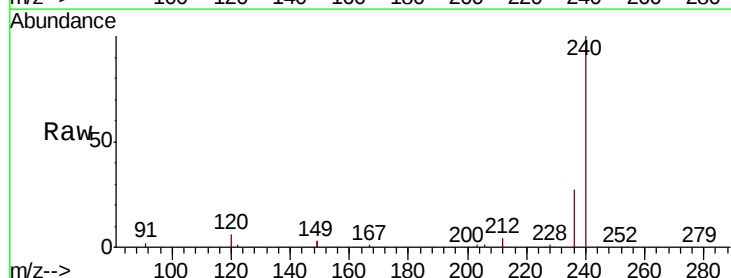
Tgt Ion:240 Resp: 41854

Ion Ratio Lower Upper

240 100

120 6.3 2.6 3.8#

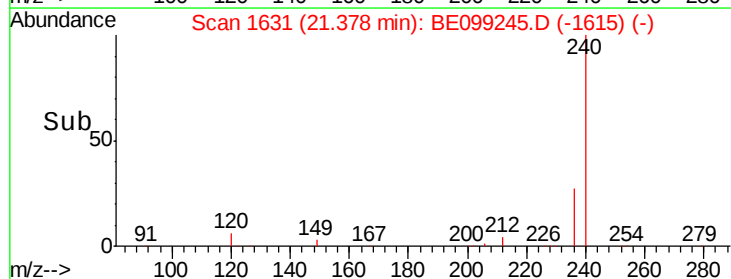
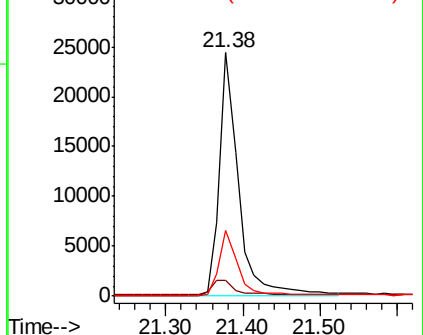
236 27.1 20.9 31.3

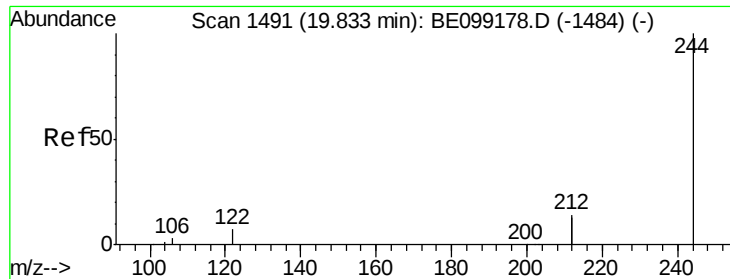


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

Instrument :

BNA_E

ClientSampleId :

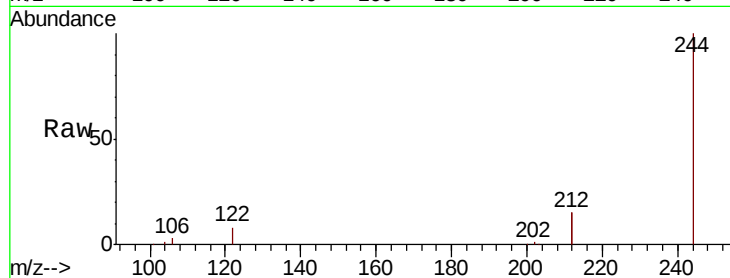
Tot Ion:244 Resp: 35149

Ion Ratio Lower Upper

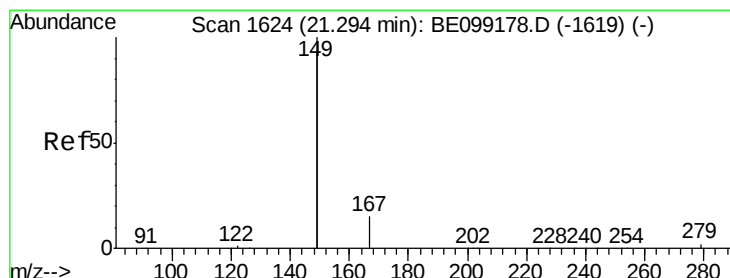
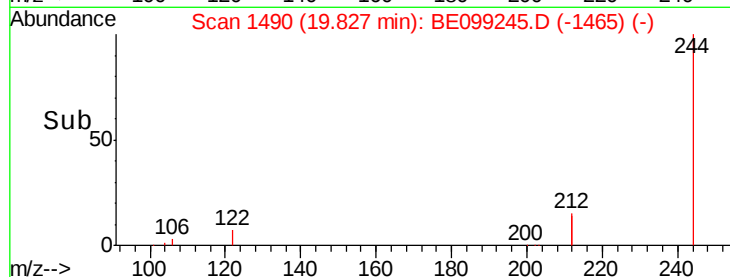
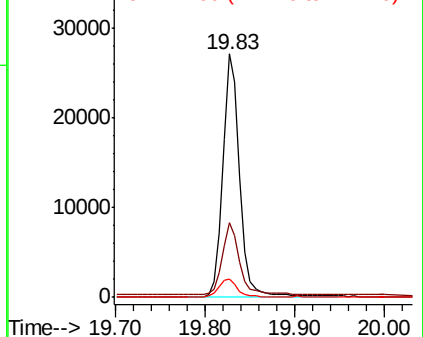
244 100

212 30.5 22.7 34.1

122 7.7 5.8 8.6



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: 0.093 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099245.D

Acq: 27 Mar 2019 11:49

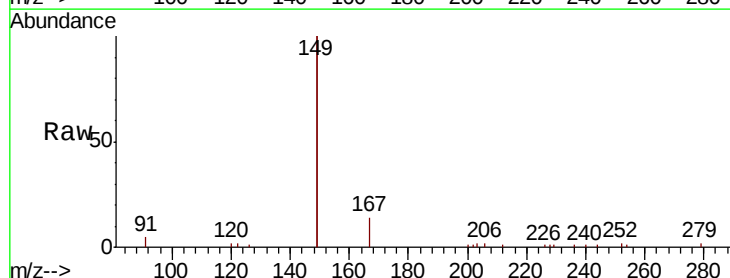
Tgt Ion:149 Resp: 15336

Ion Ratio Lower Upper

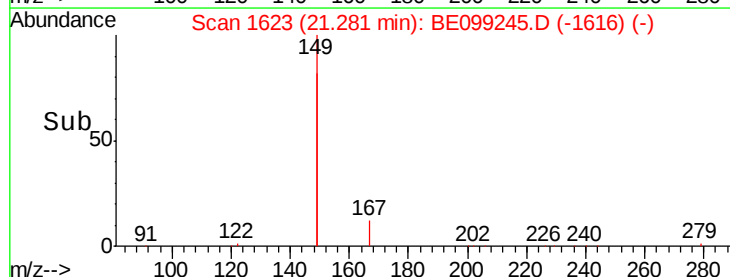
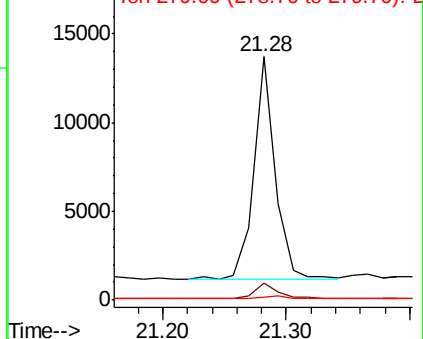
149 100

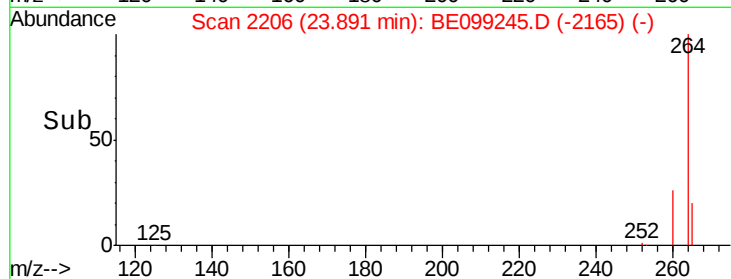
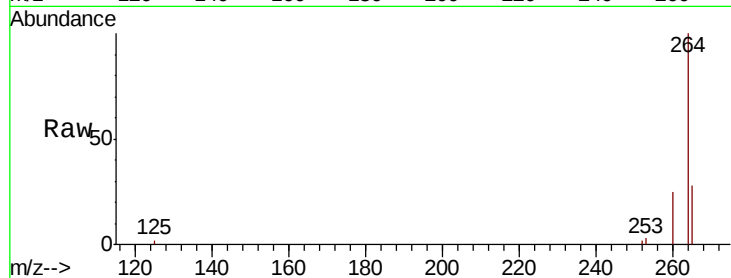
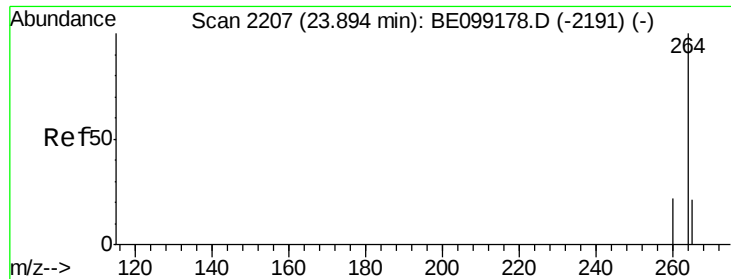
167 7.2 5.9 8.9

279 1.3 1.0 1.6



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: 23.89 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE099245.D
 Acq: 27 Mar 2019 11:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 31876
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.2 27.2
 265 27.7 21.8 32.8

