

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099760.D
 Acq On : 28 May 2019 17:05
 Operator : JU/SJ
 Sample : K3037-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 28 17:50:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

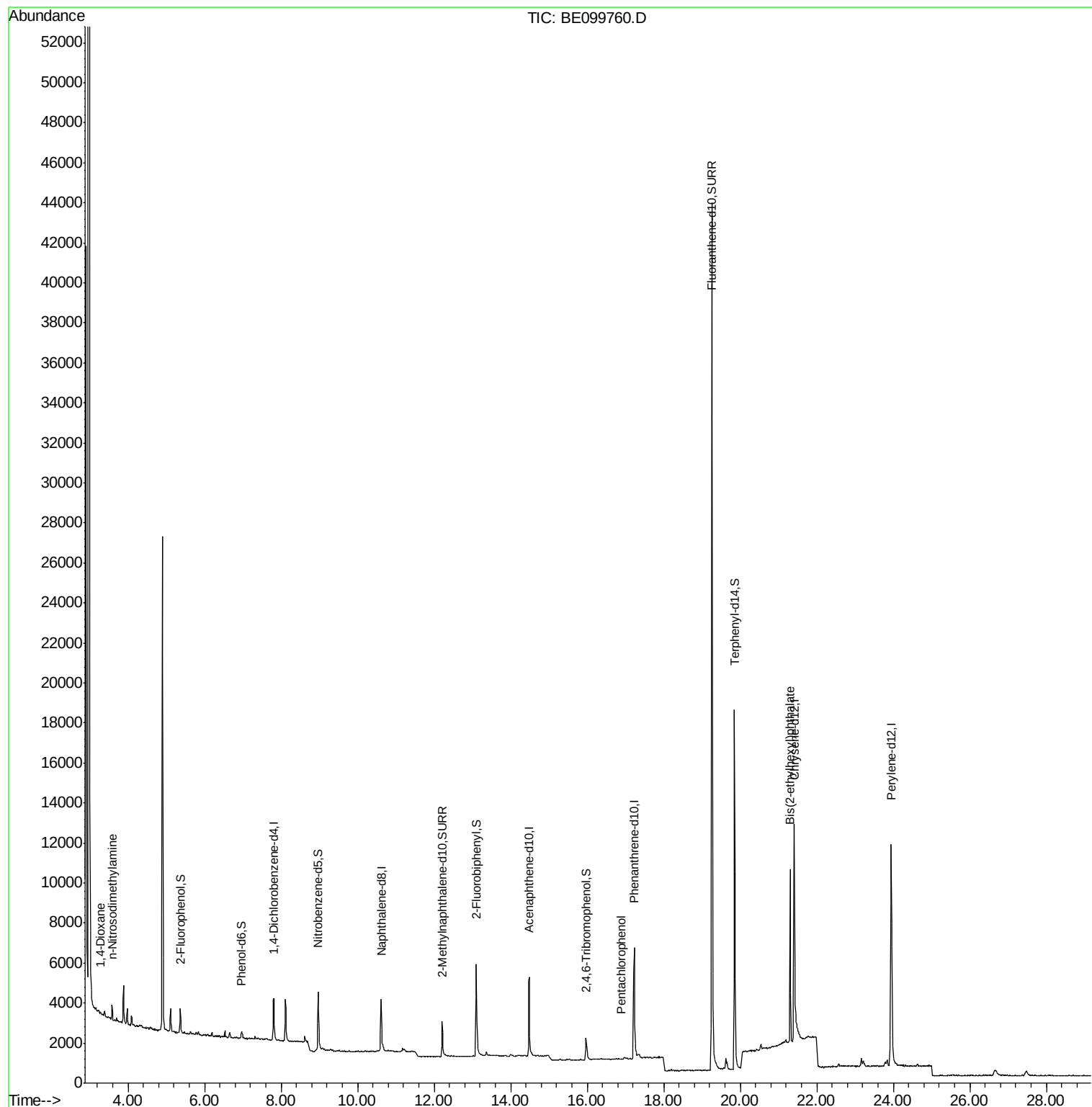
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1292	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4369	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3214	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10653	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15647	0.40	ng	0.00
34) Perylene-d12	23.95	264	18548	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	686	0.21	ng	0.00
5) Phenol-d6	6.97	99	525	0.12	ng	0.00
8) Nitrobenzene-d5	8.96	82	1652	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2954	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	984	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5831	0.48	ng	0.00
25) Fluoranthene-d10	19.26	212	64865	0.45	ng	0.00
29) Terphenyl-d14	19.85	244	18721	0.67	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.27	88	43	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.58	42	100	0.095	ng	# 1
22) Pentachlorophenol	16.88	266	8	0.185	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.31	149	9151	0.179	ng	100

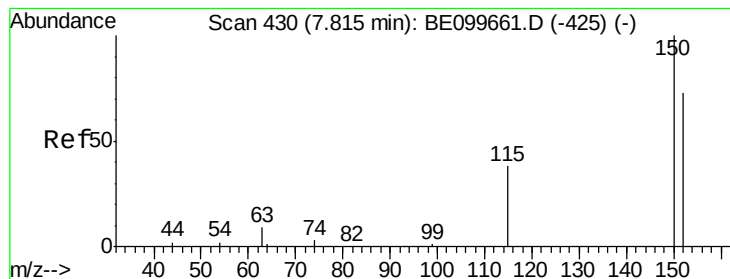
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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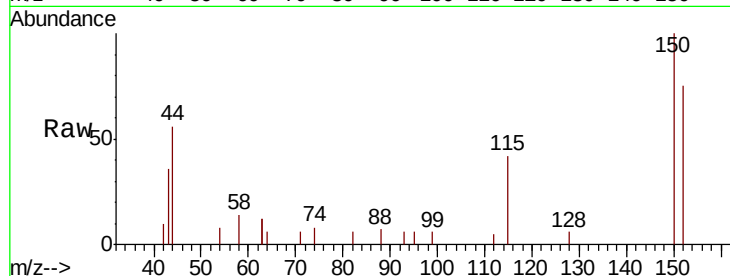


#1

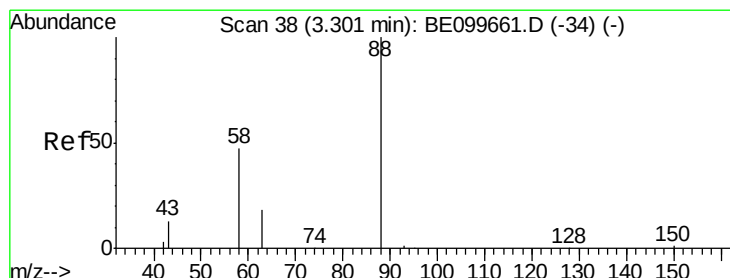
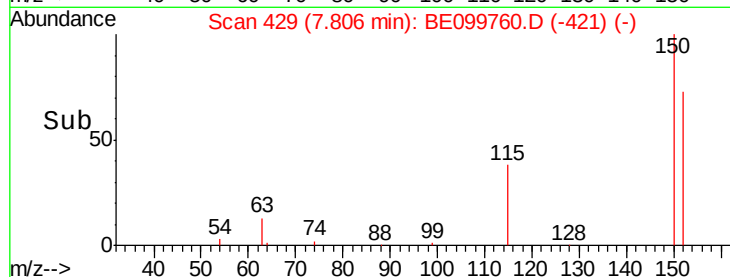
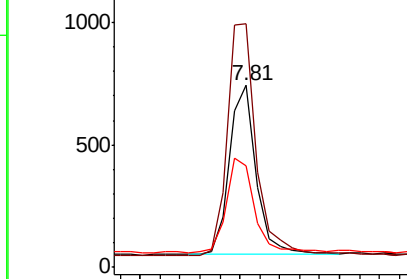
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099760.D
Acq: 28 May 2019 17:05

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1292
Ion Ratio Lower Upper
152 100
150 133.7 109.2 163.8
115 55.9 43.7 65.5



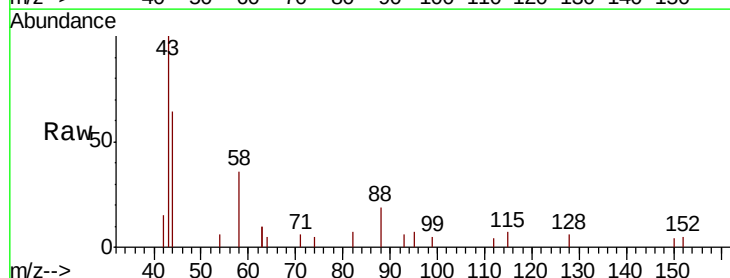
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



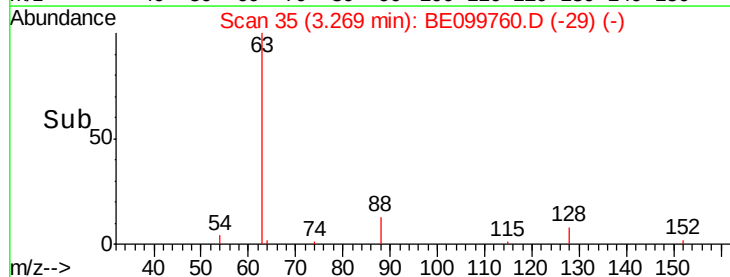
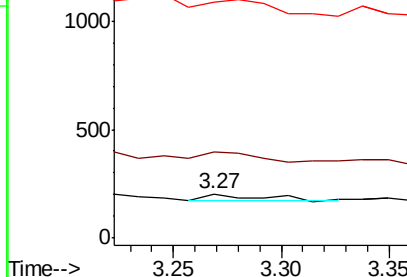
#2

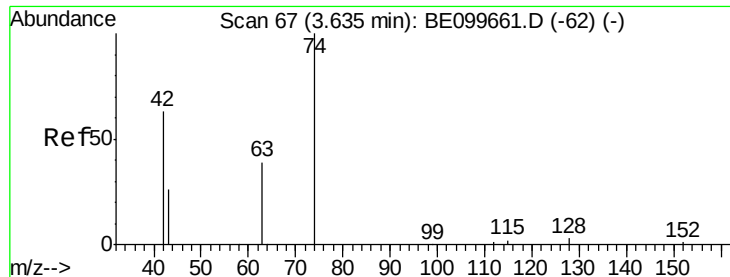
1,4-Dioxane
Concen: 0.022 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.03 min
Lab File: BE099760.D
Acq: 28 May 2019 17:05

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
58 144.2 41.8 62.8#
43 0.0 15.0 22.4#



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





#3

n-Nitrosodimethylamine

Concen: 0.095 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.05 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Instrument :

BNA_E

ClientSampled :

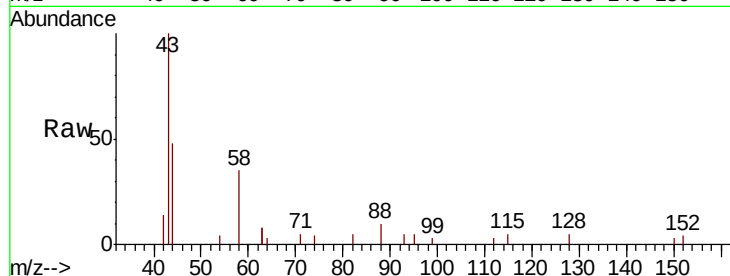
Tot Ion: 42 Resp: 100

Ion Ratio Lower Upper

42 100

74 0.0 129.2 193.8#

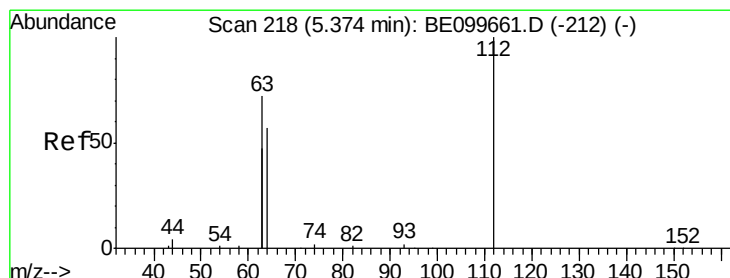
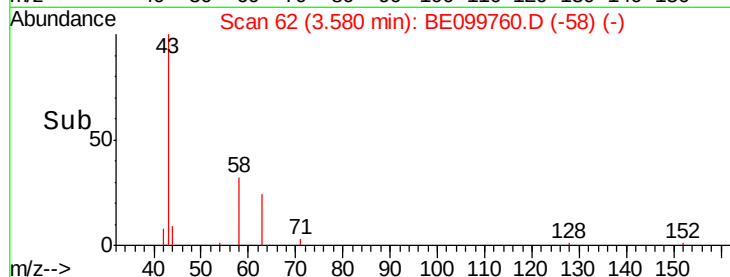
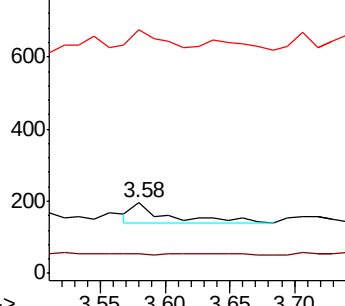
44 72.0 0.0 0.0#



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: 0.210 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

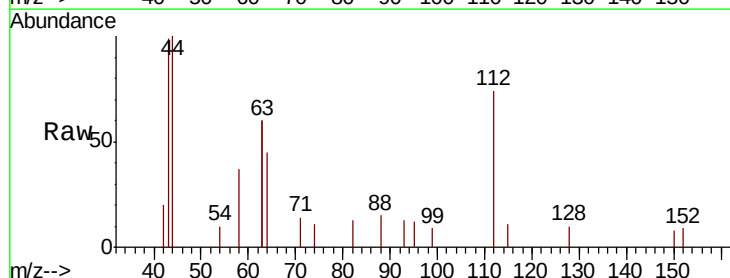
Tgt Ion: 112 Resp: 686

Ion Ratio Lower Upper

112 100

64 55.0 43.4 65.2

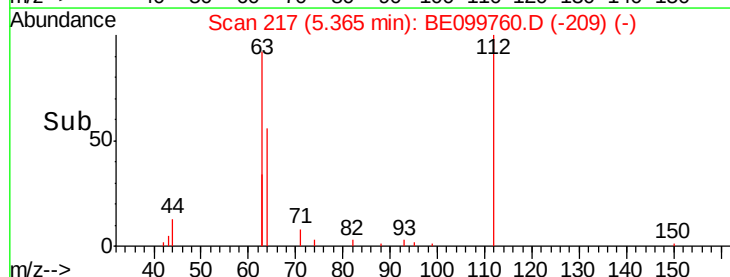
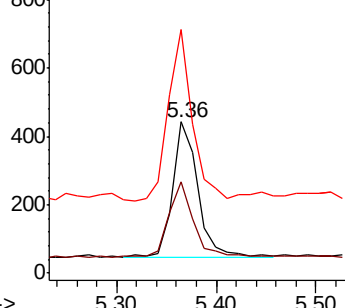
63 122.9 96.9 145.3

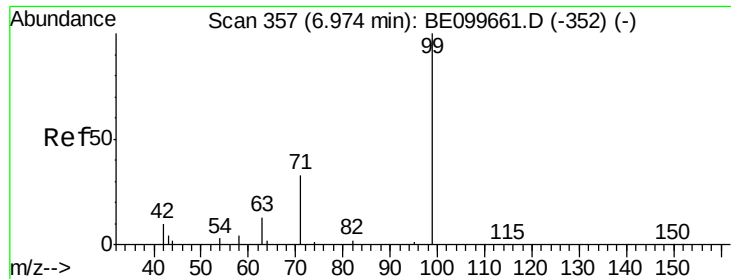


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.121 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Instrument :

BNA_E

ClientSampleId :

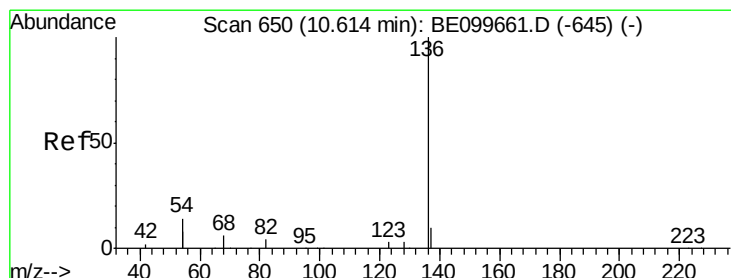
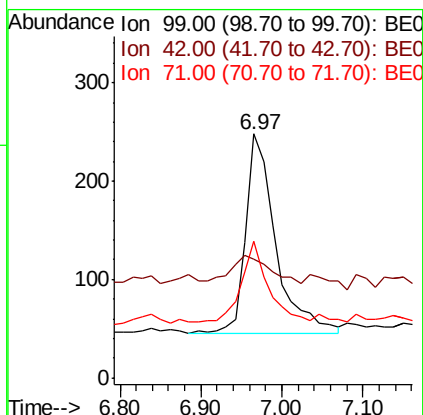
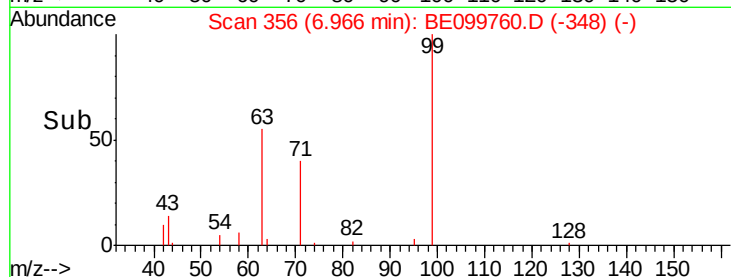
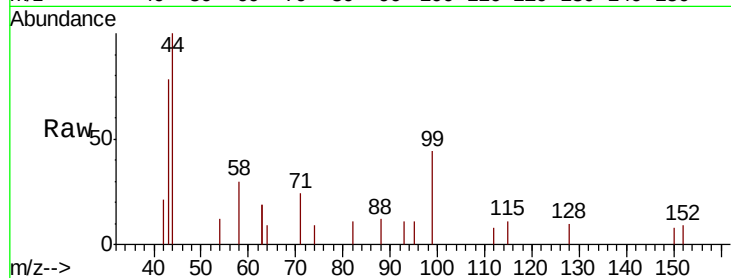
Tot Ion: 99 Resp: 525

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 34.7 28.9 43.3



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Tgt Ion: 136 Resp: 4369

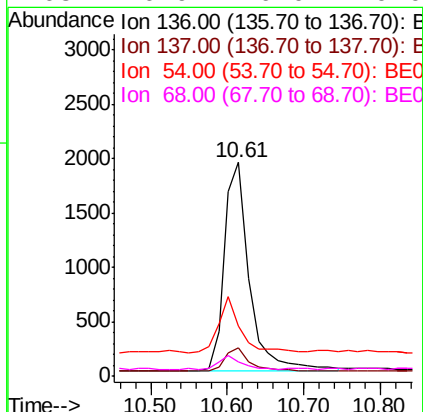
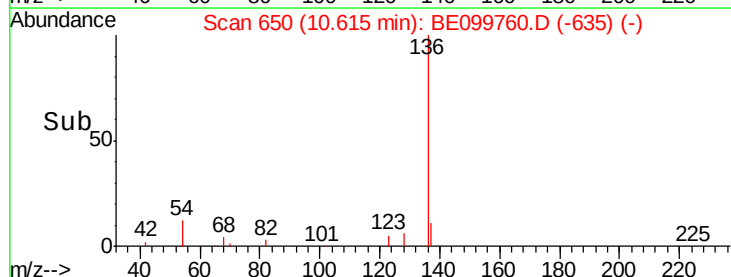
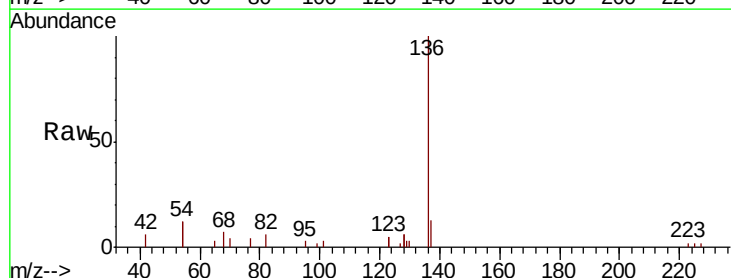
Ion Ratio Lower Upper

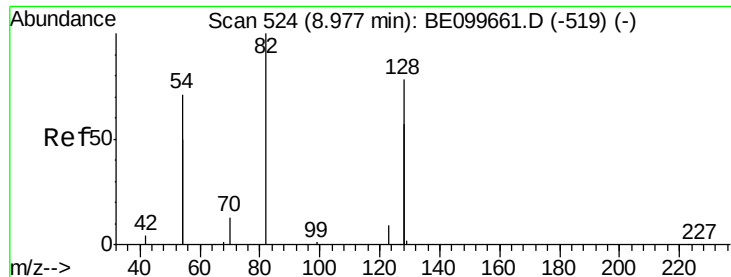
136 100

137 13.4 9.0 13.6

54 23.6 22.3 33.5

68 6.9 6.0 9.0





#8

Nitrobenzene-d5

Concen: 0.437 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Instrument :

BNA_E

ClientSampleId :

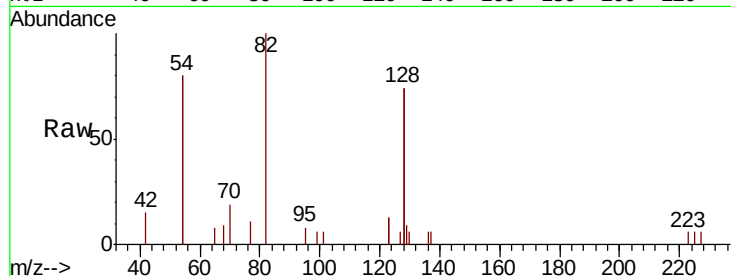
Tot Ion: 82 Resp: 1652

Ion Ratio Lower Upper

82 100

128 148.6 117.7 176.5

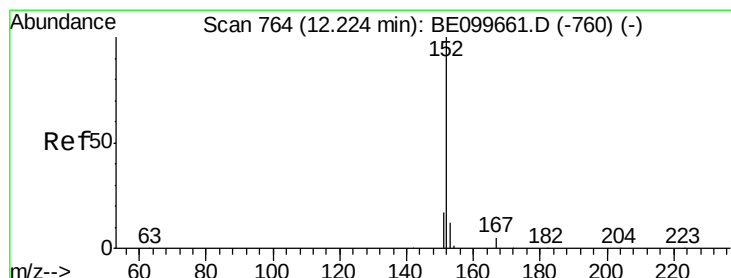
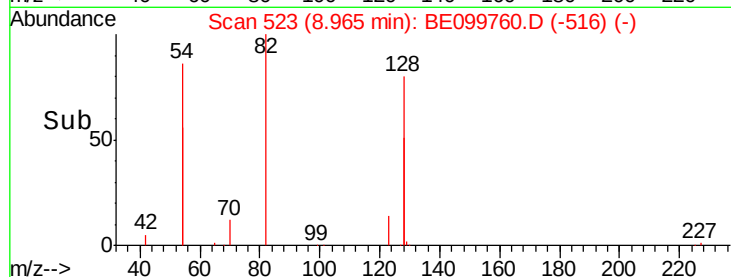
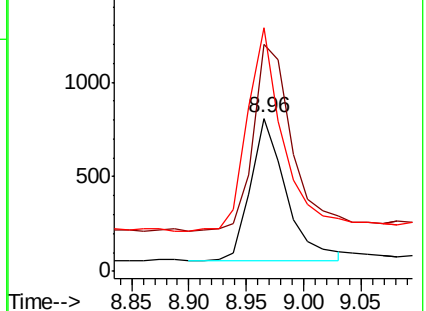
54 159.2 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099760.D

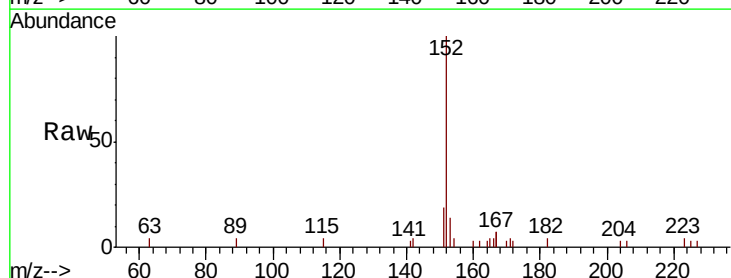
Acq: 28 May 2019 17:05

Tgt Ion: 152 Resp: 2954

Ion Ratio Lower Upper

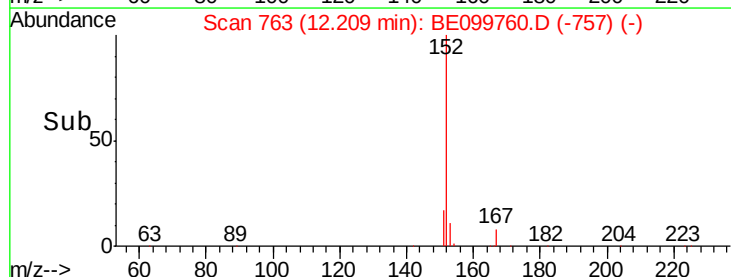
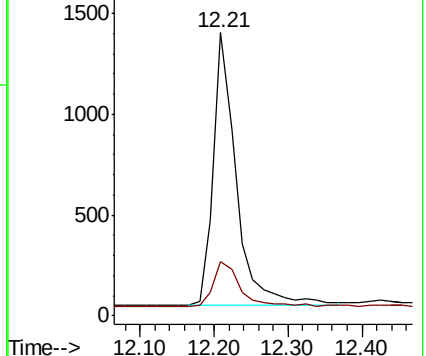
152 100

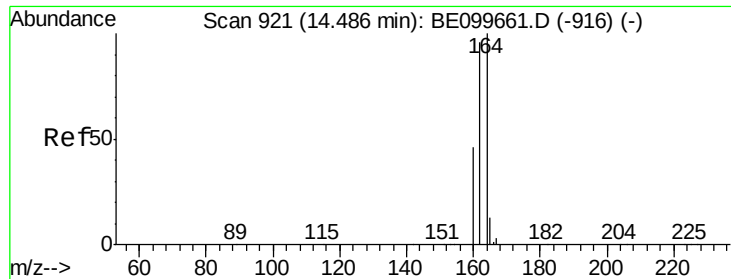
151 18.9 15.0 22.4



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: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Instrument :

BNA_E

ClientSampleId :

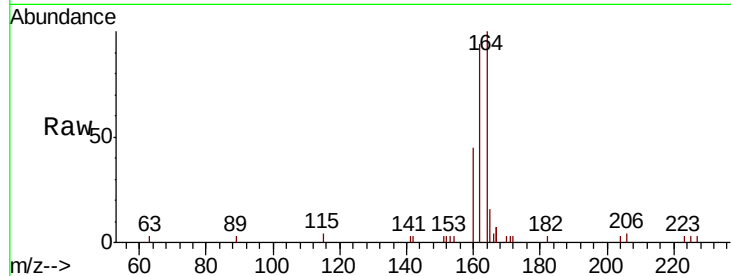
Tot Ion:164 Resp: 3214

Ion Ratio Lower Upper

164 100

162 94.3 76.5 114.7

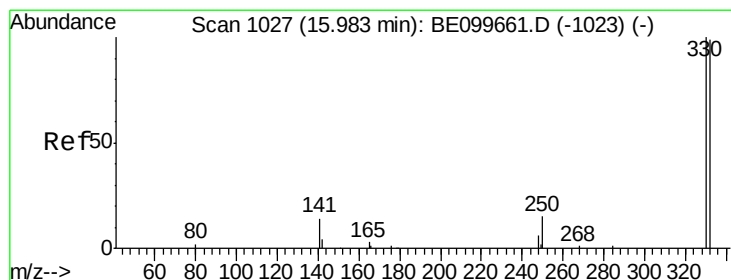
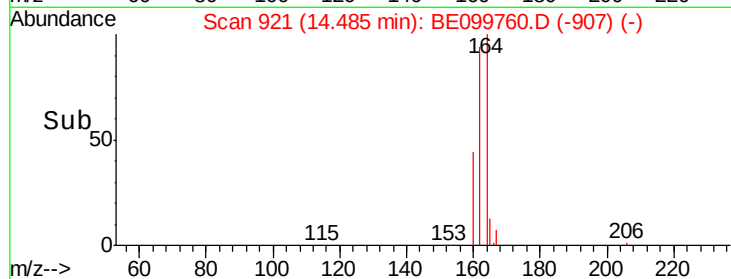
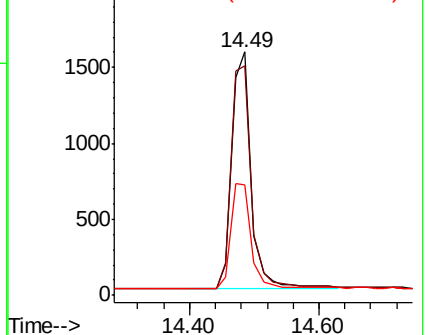
160 45.2 37.4 56.2



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: 0.527 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

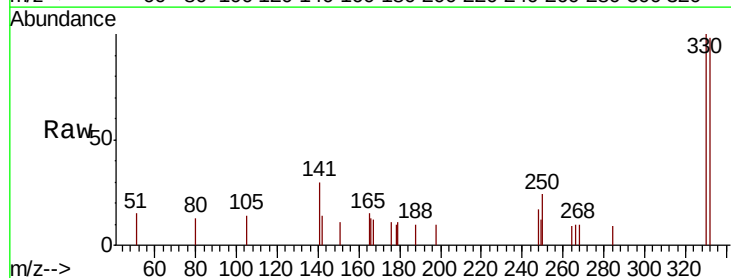
Tgt Ion:330 Resp: 984

Ion Ratio Lower Upper

330 100

332 101.0 77.3 115.9

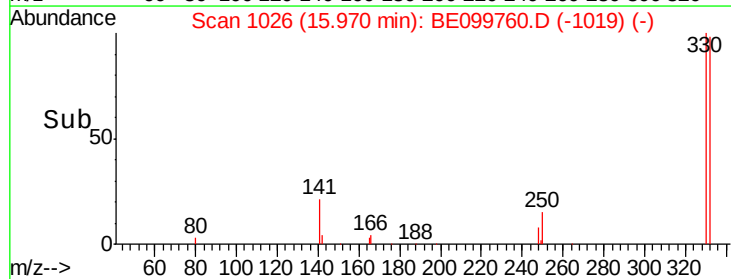
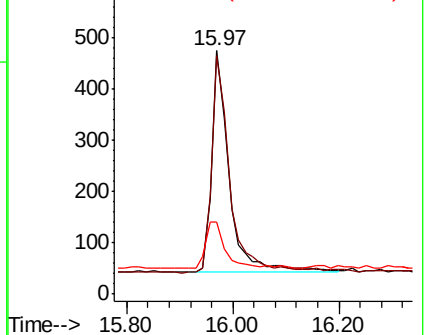
141 23.8 18.9 28.3

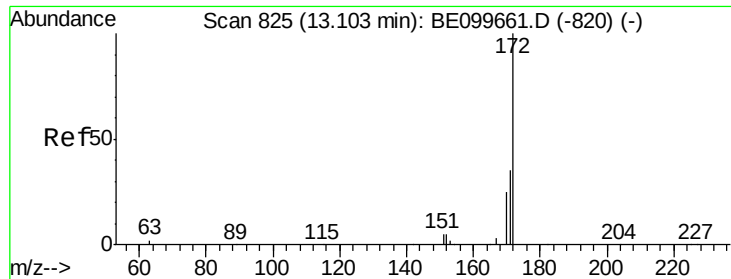


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

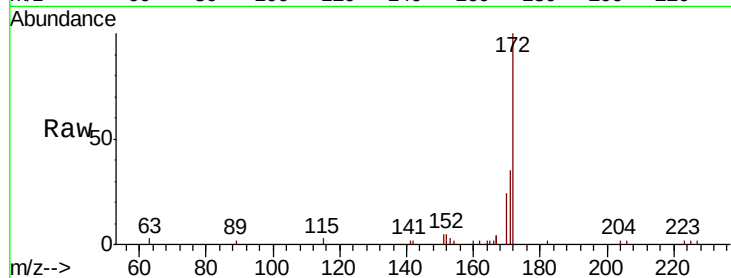




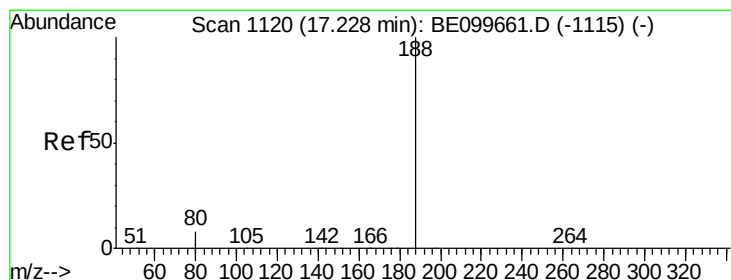
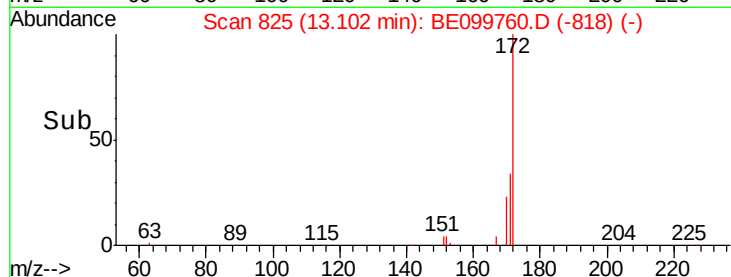
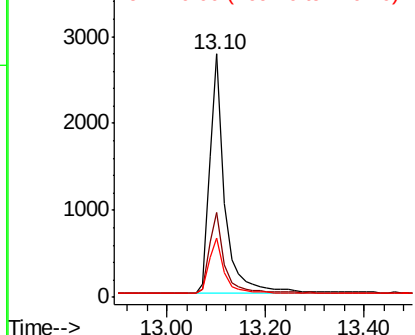
#15
 2-Fluorobiphenyl
 Concen: 0.478 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099760.D
 Acq: 28 May 2019 17:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 5831
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 24.1 20.9 31.3

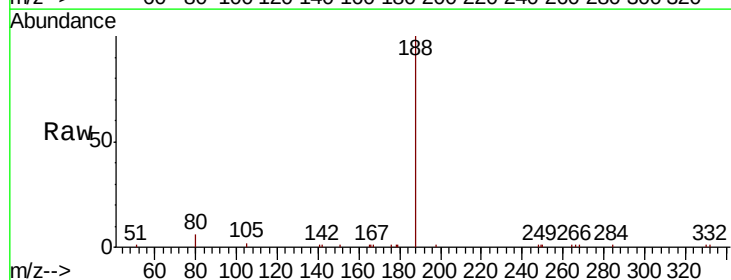


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

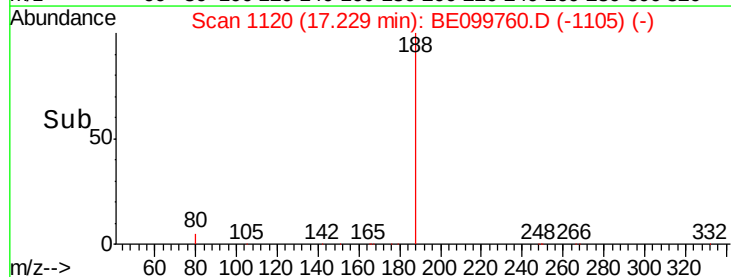
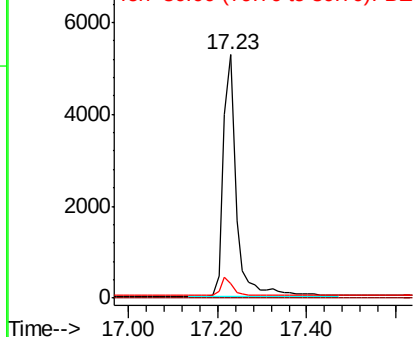


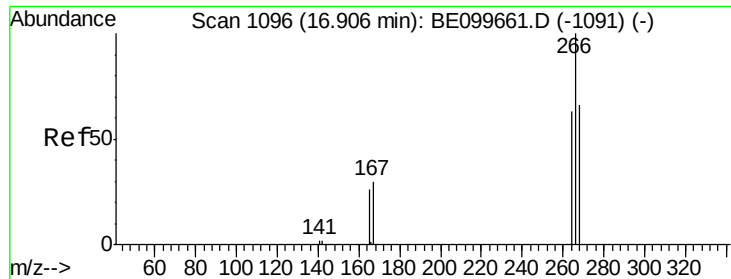
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099760.D
 Acq: 28 May 2019 17:05

Tgt Ion:188 Resp: 10653
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.1 6.7 10.1#



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: 0.185 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Instrument :

BNA_E

ClientSampleId :

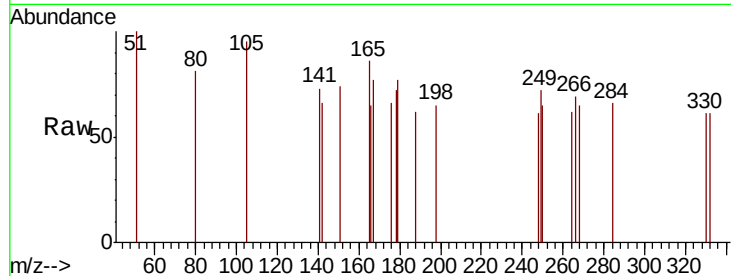
Tot Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 90.2 57.2 85.8#

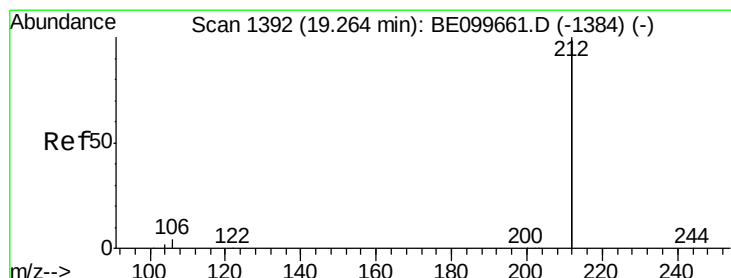
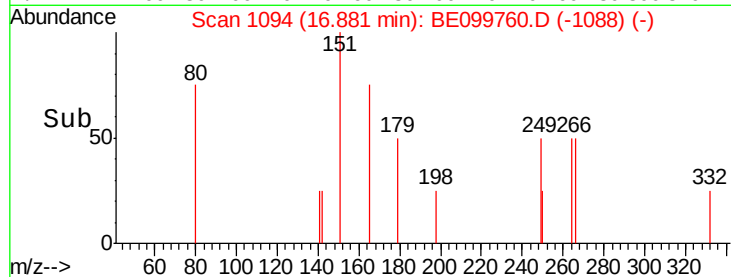
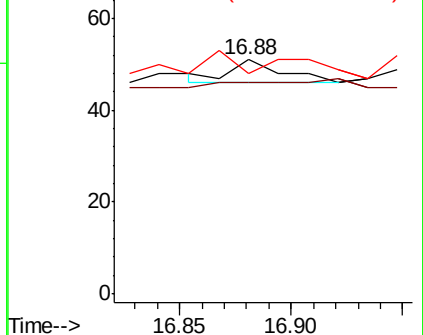
268 94.1 60.5 90.7#



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: 0.446 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

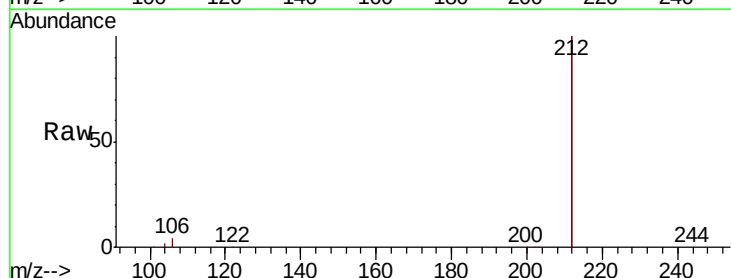
Tgt Ion:212 Resp: 64865

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

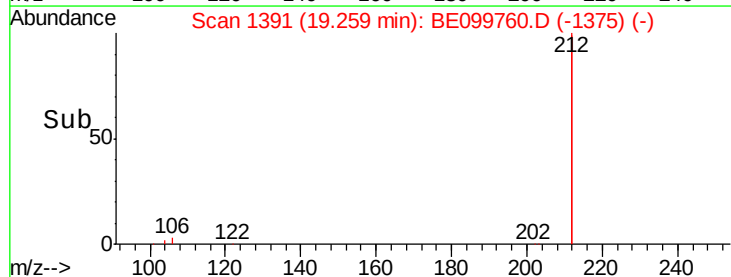
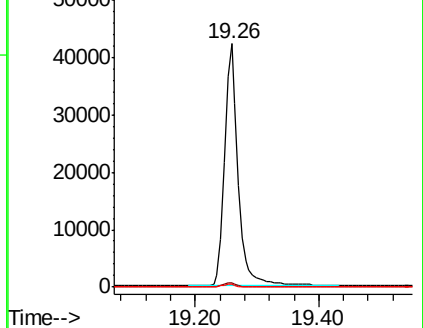
104 1.0 0.8 1.2

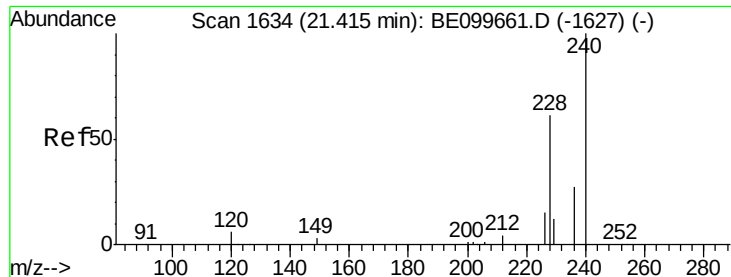


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

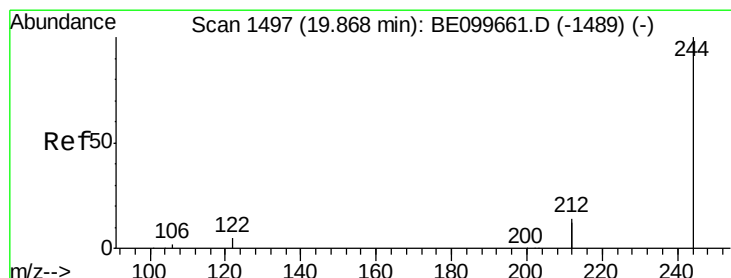
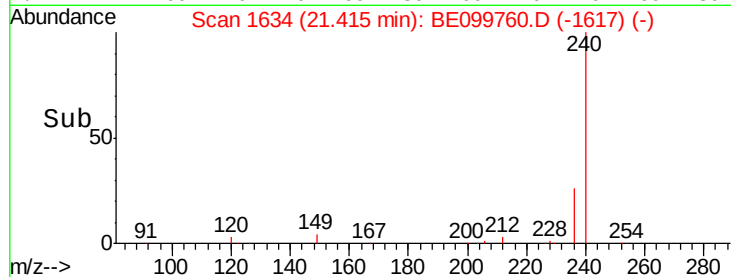
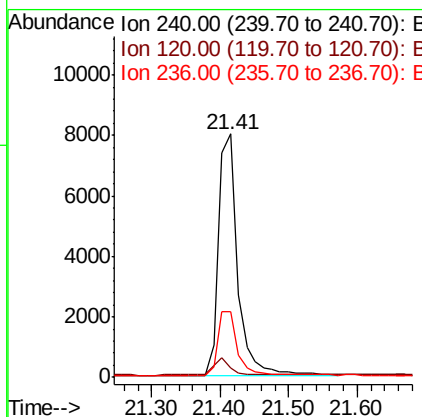
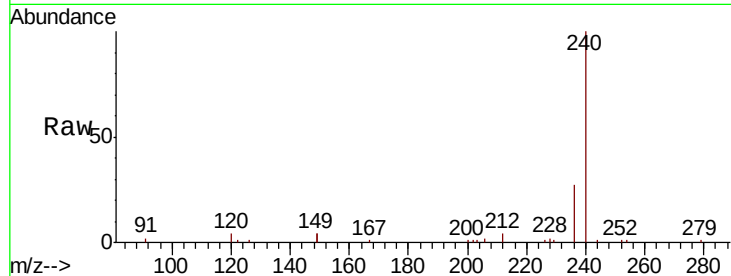




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099760.D
 Acq: 28 May 2019 17:05

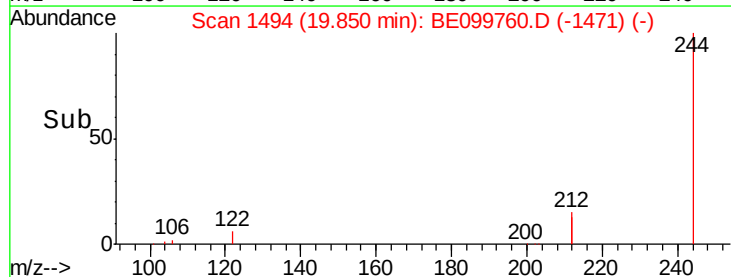
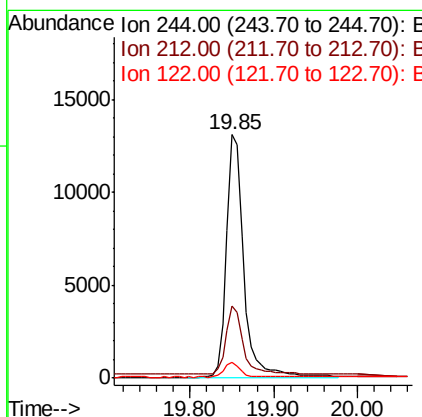
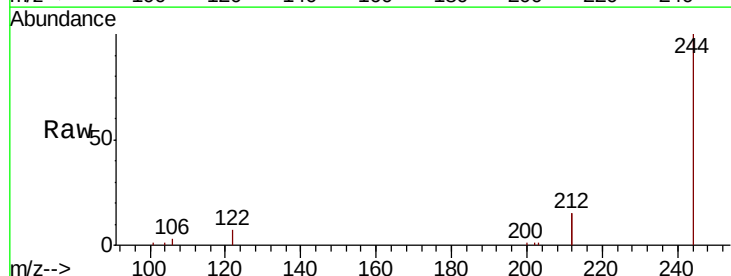
Instrument :
 BNA_E
 ClientSampled :

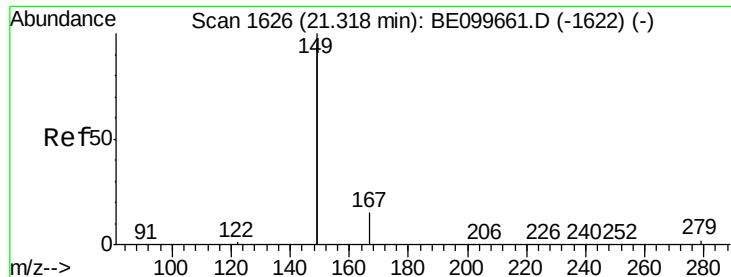
Tot Ion:240 Resp: 15647
 Ion Ratio Lower Upper
 240 100
 120 3.8 5.4 8.0#
 236 27.0 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.670 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BE099760.D
 Acq: 28 May 2019 17:05

Tgt Ion:244 Resp: 18721
 Ion Ratio Lower Upper
 244 100
 212 29.4 22.5 33.7
 122 6.6 4.3 6.5#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.179 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

Instrument :

BNA_E

ClientSampleId :

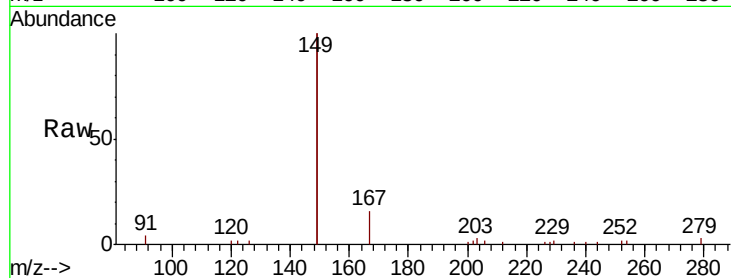
Tot Ion:149 Resp: 9151

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

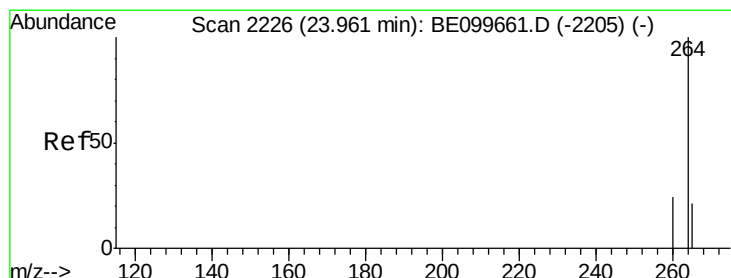
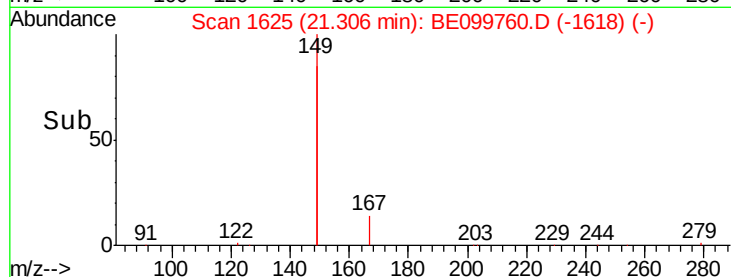
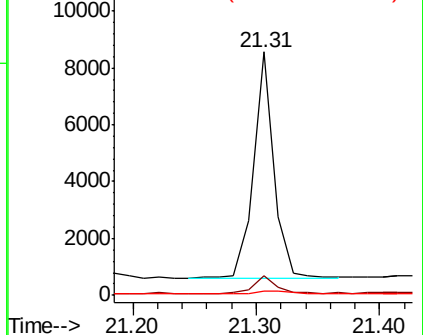
279 1.5 1.2 1.8



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: 23.95 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BE099760.D

Acq: 28 May 2019 17:05

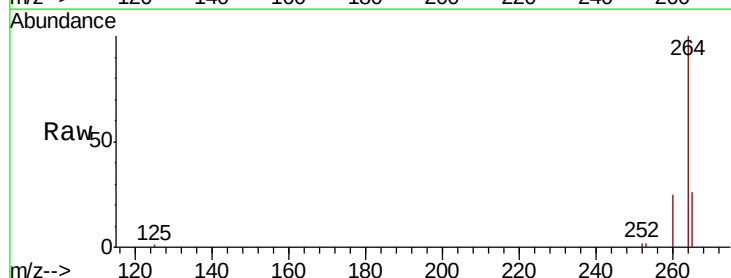
Tgt Ion:264 Resp: 18548

Ion Ratio Lower Upper

264 100

260 25.2 19.6 29.4

265 26.1 19.1 28.7



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

