

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099752.D
 Acq On : 24 May 2019 20:59
 Operator : JU/SJ
 Sample : K2999-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 24 22:03:12 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

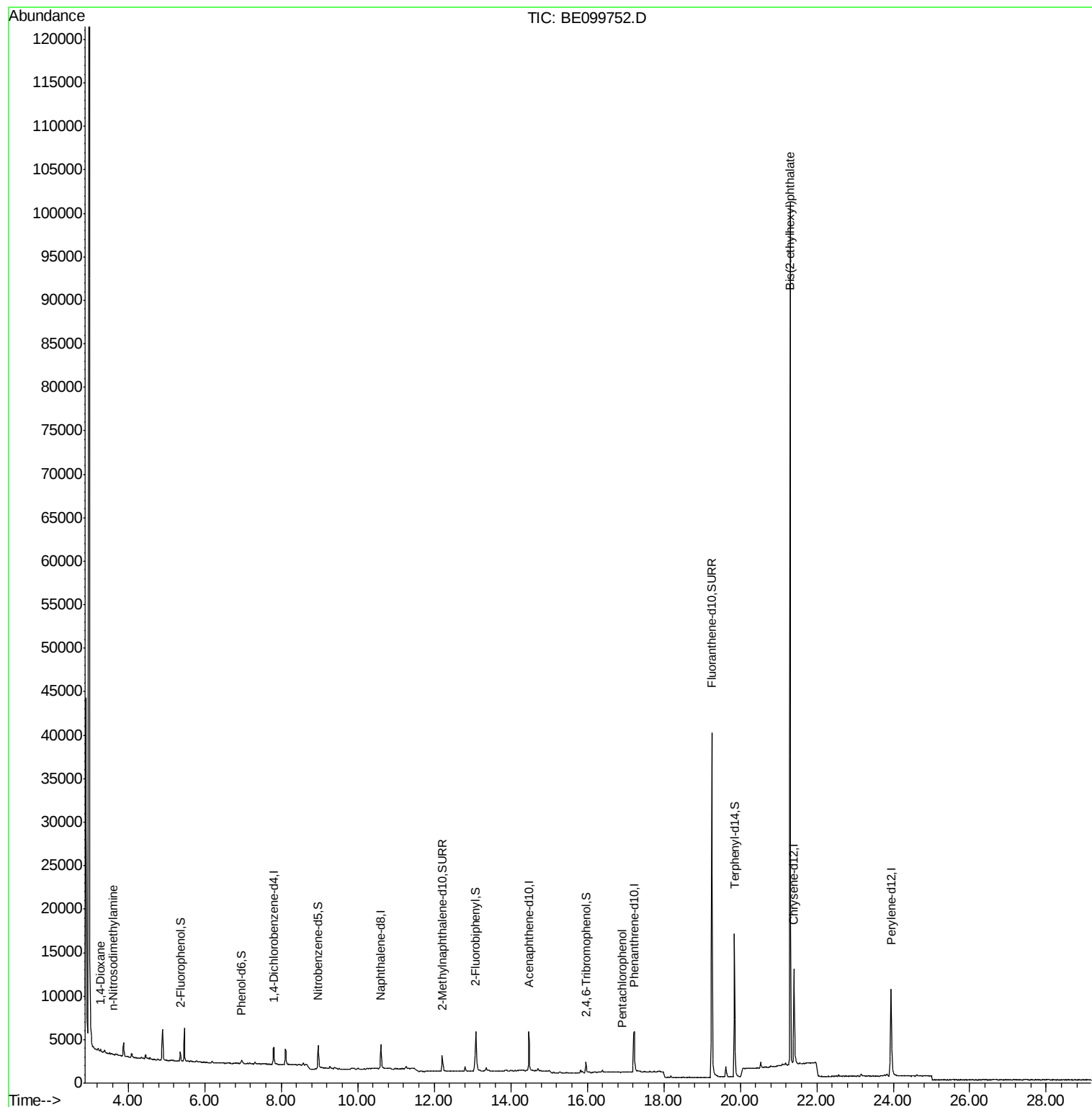
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1204	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	3993	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3028	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	9003	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14106	0.40	ng	-0.01
34) Perylene-d12	23.94	264	16664	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	623	0.20	ng	-0.01
5) Phenol-d6	6.96	99	455	0.11	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1535	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2904	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1030	0.57	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5569	0.48	ng	-0.01
25) Fluoranthene-d10	19.25	212	59028	0.48	ng	-0.01
29) Terphenyl-d14	19.85	244	16513	0.66	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.28	88	231	0.130	ng	Qvalue # 63
3) n-Nitrosodimethylamine	3.61	42	34	0.035	ng	# 1
22) Pentachlorophenol	16.92	266	3	0.182	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.31	149	103308	2.236	ng	99

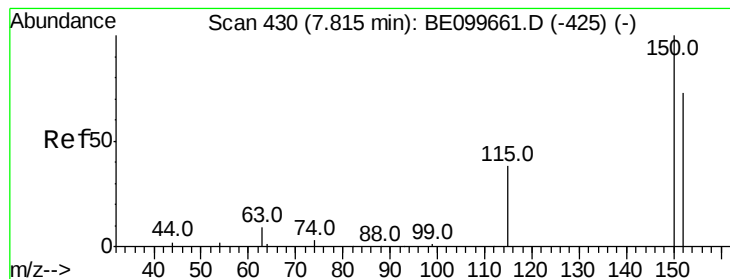
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampled :

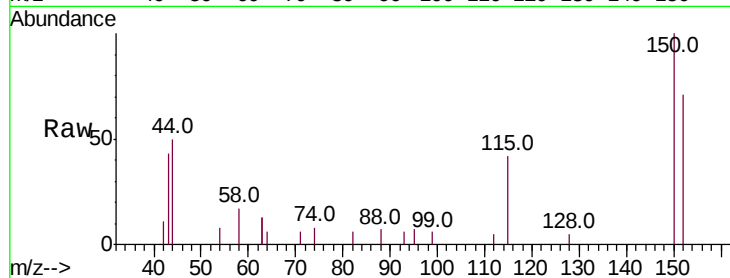
Tot Ion:152 Resp: 1204

Ion Ratio Lower Upper

152 100

150 140.7 109.2 163.8

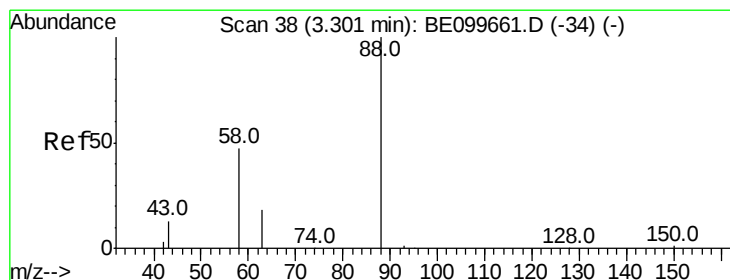
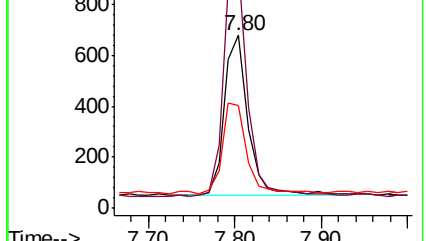
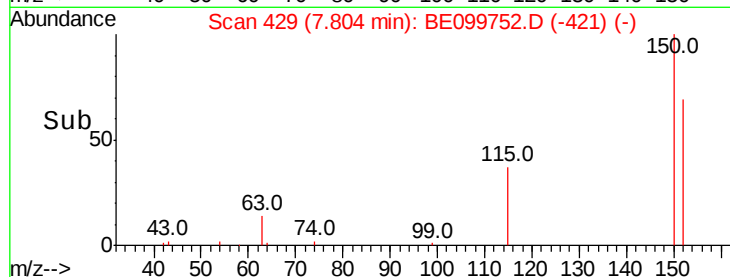
115 59.1 43.7 65.5



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: 0.130 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

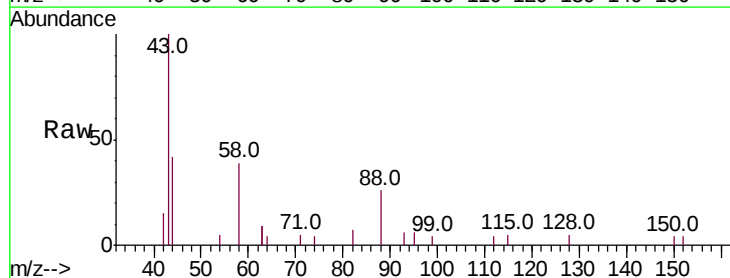
Tgt Ion: 88 Resp: 231

Ion Ratio Lower Upper

88 100

58 77.1 41.8 62.8#

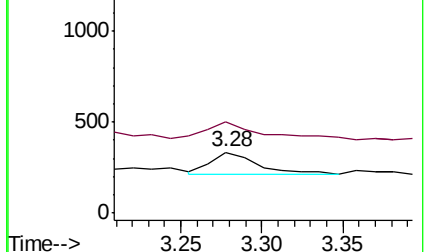
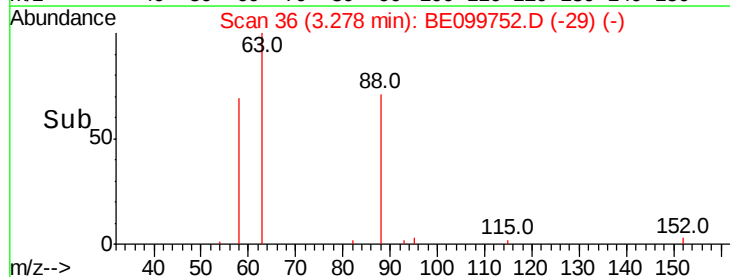
43 0.0 15.0 22.4#

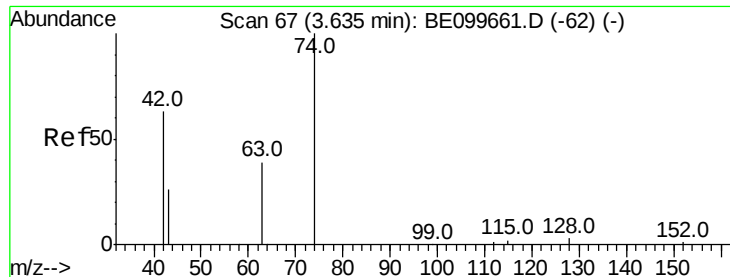


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

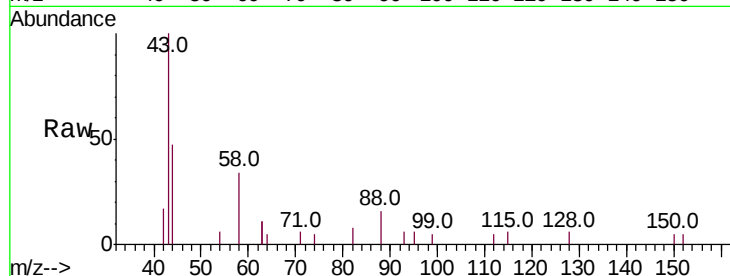
Tot Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 26.5 129.2 193.8#

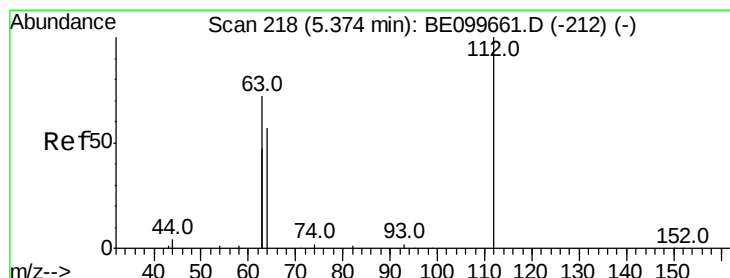
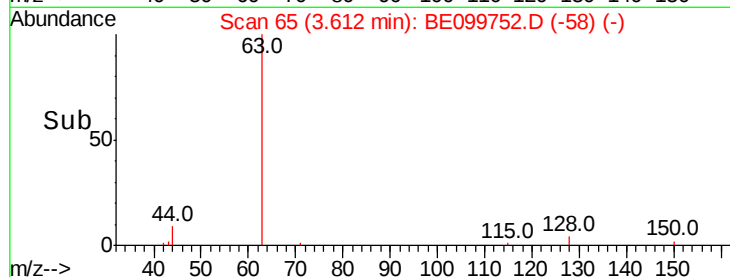
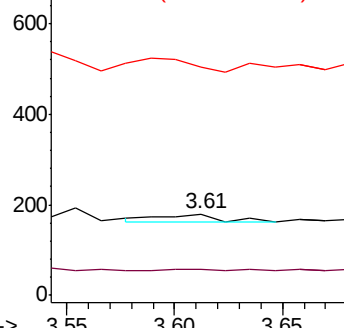
44 0.0 0.0 0.0



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: 0.205 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

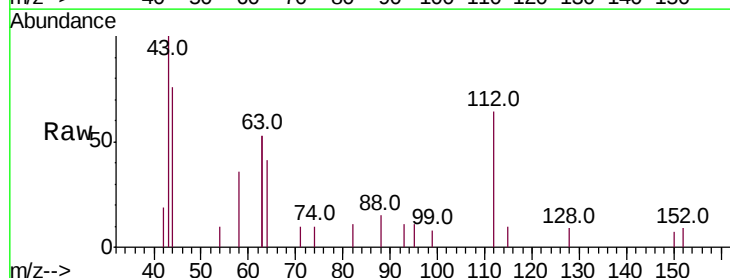
Tgt Ion: 112 Resp: 623

Ion Ratio Lower Upper

112 100

64 56.7 43.4 65.2

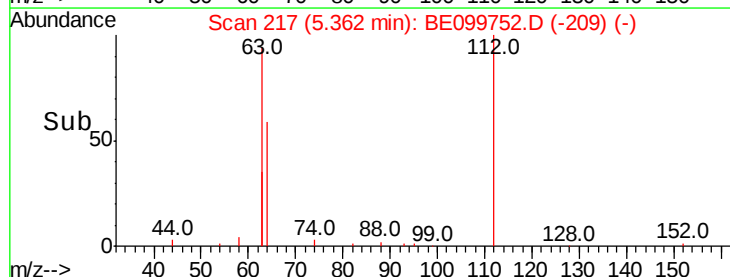
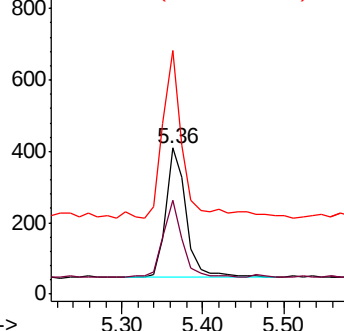
63 131.8 96.9 145.3

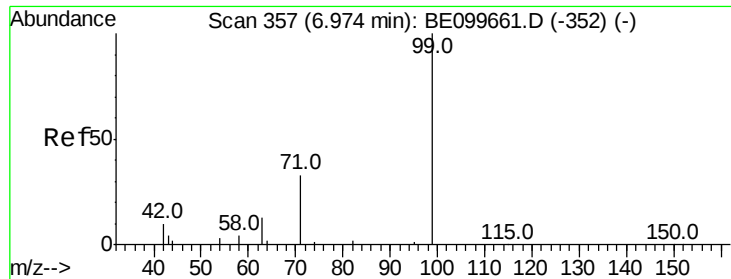


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampled :

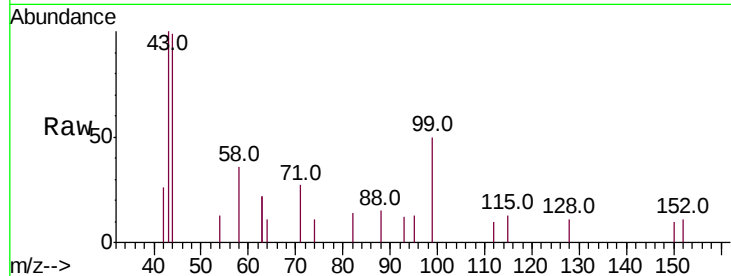
Tot Ion: 99 Resp: 455

Ion Ratio Lower Upper

99 100

42 27.5 12.2 18.2#

71 52.1 28.9 43.3#



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

6.96

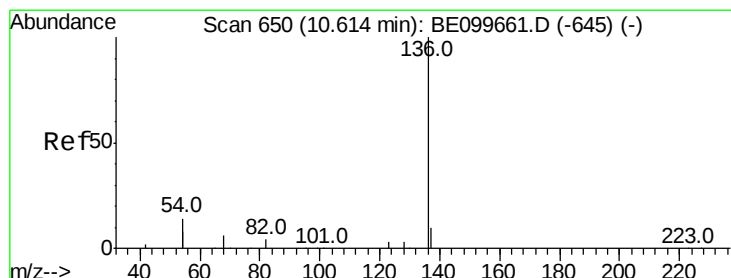
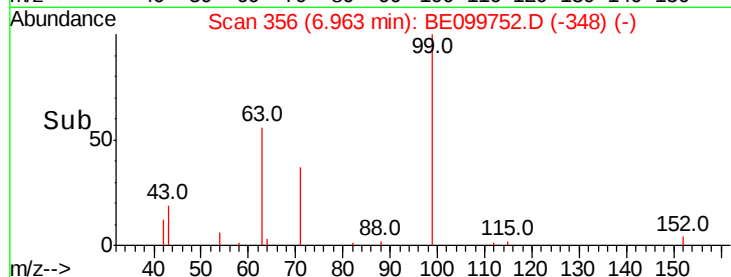
200

100

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Tgt Ion: 136 Resp: 3993

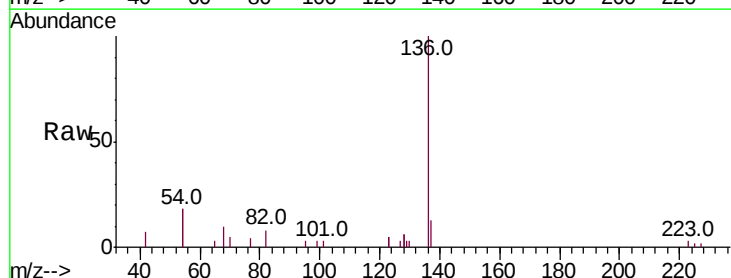
Ion Ratio Lower Upper

136 100

137 12.9 9.0 13.6

54 35.9 22.3 33.5#

68 9.8 6.0 9.0#



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

10.60

2000

1500

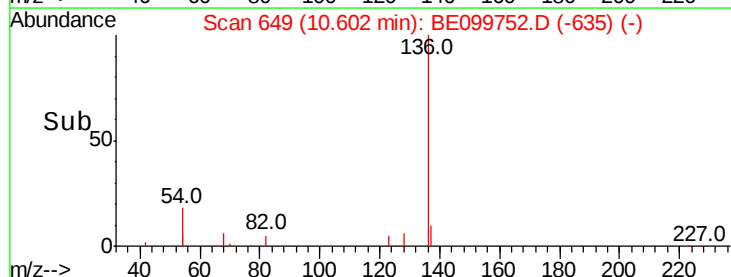
1000

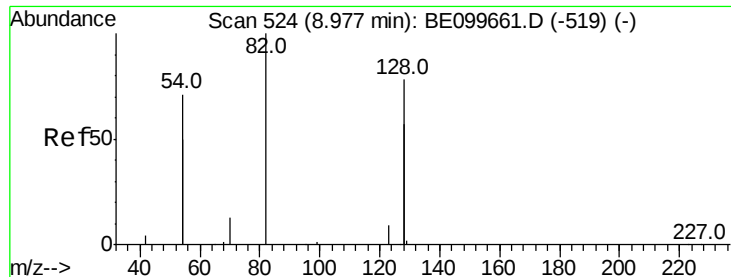
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.444 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

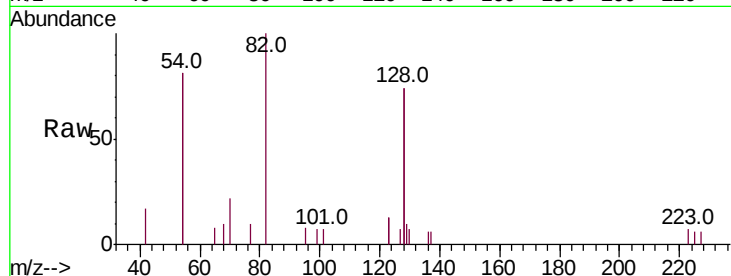
Tot Ion: 82 Resp: 1535

Ion Ratio Lower Upper

82 100

128 148.9 117.7 176.5

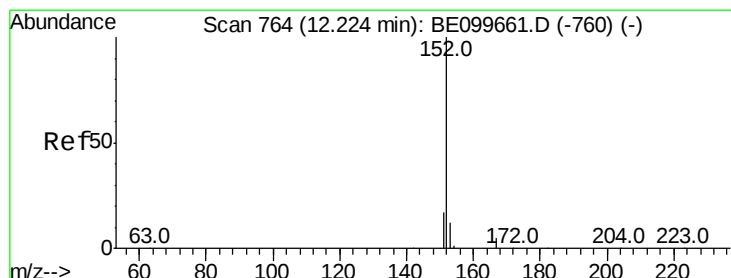
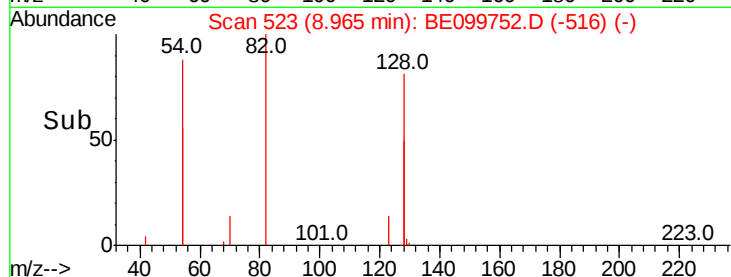
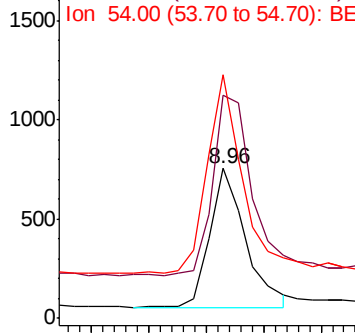
54 162.4 106.6 160.0#



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: 0.421 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099752.D

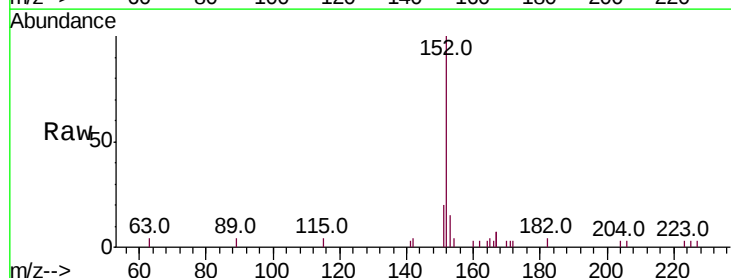
Acq: 24 May 2019 20:59

Tgt Ion: 152 Resp: 2904

Ion Ratio Lower Upper

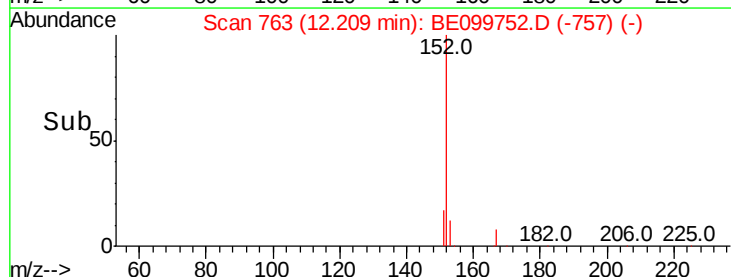
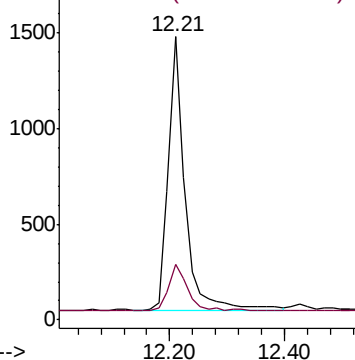
152 100

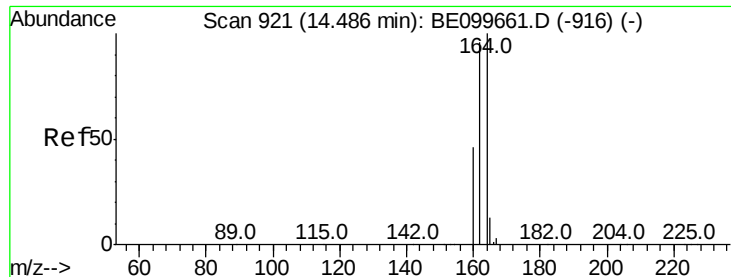
151 19.3 15.0 22.4



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: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

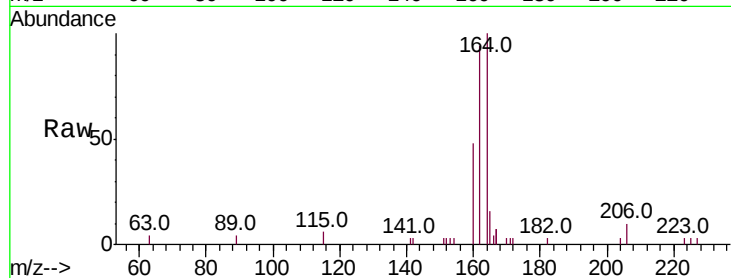
Tot Ion:164 Resp: 3028

Ion Ratio Lower Upper

164 100

162 94.0 76.5 114.7

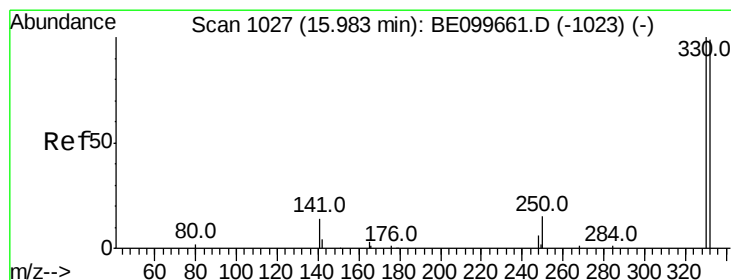
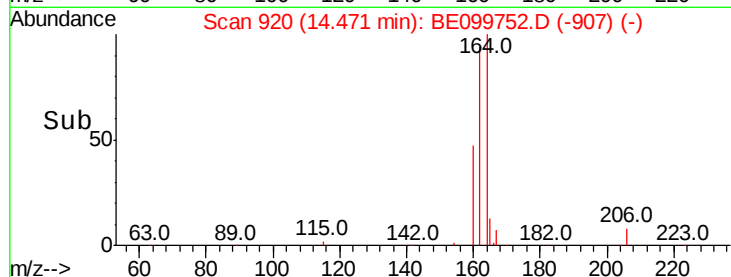
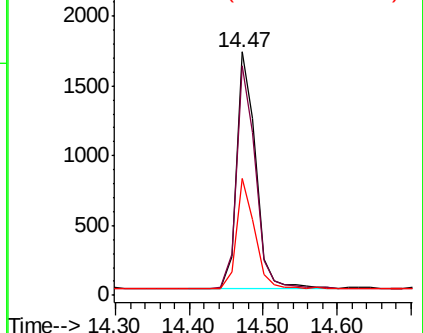
160 48.0 37.4 56.2



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: 0.570 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

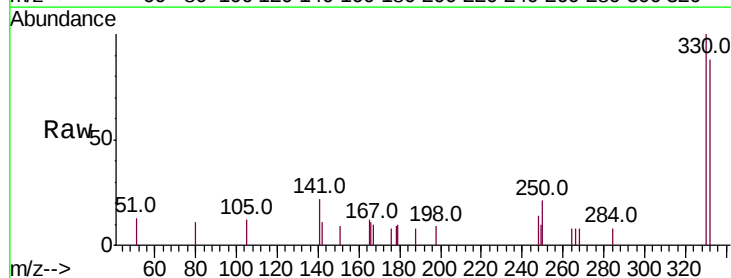
Tgt Ion:330 Resp: 1030

Ion Ratio Lower Upper

330 100

332 88.5 77.3 115.9

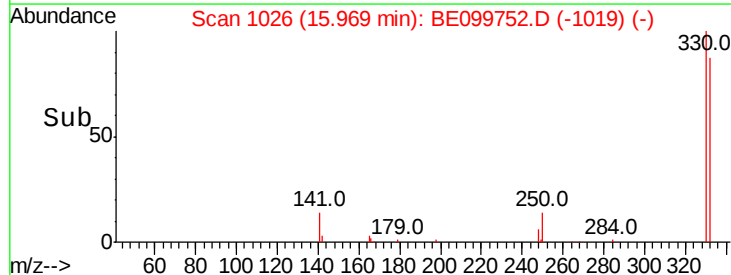
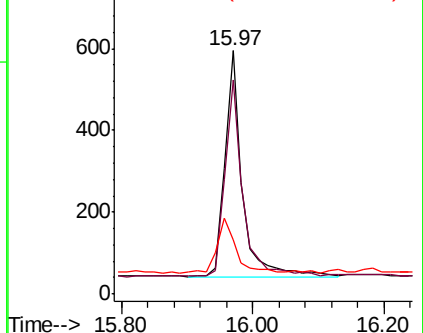
141 26.2 18.9 28.3

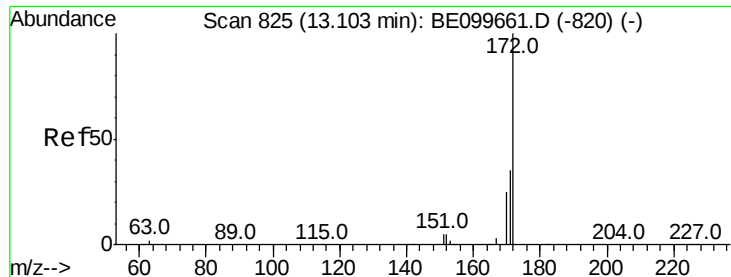


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

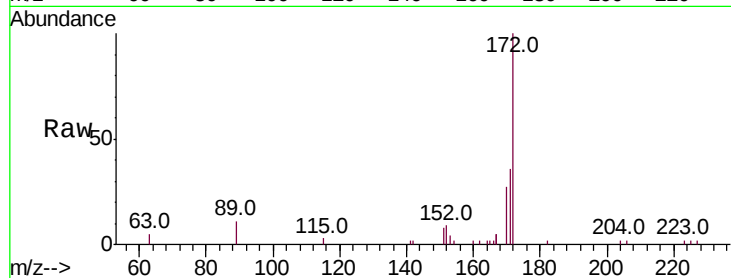




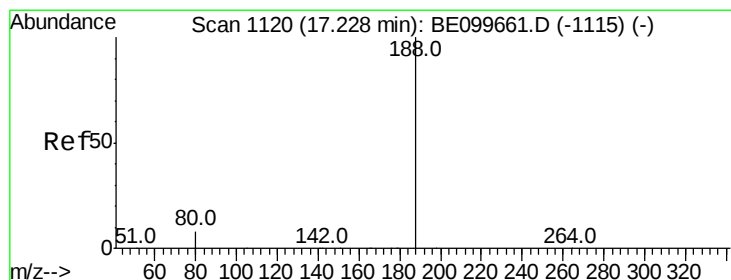
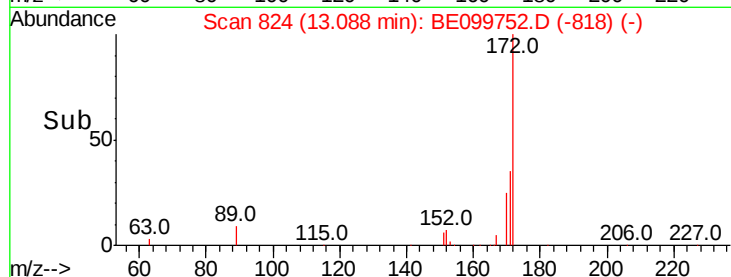
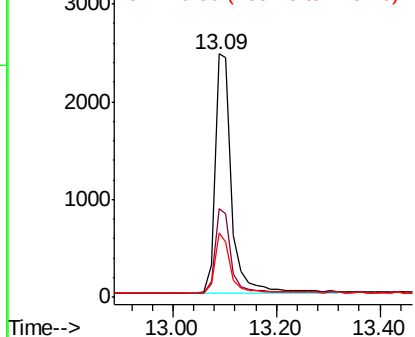
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5569
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 26.5 20.9 31.3

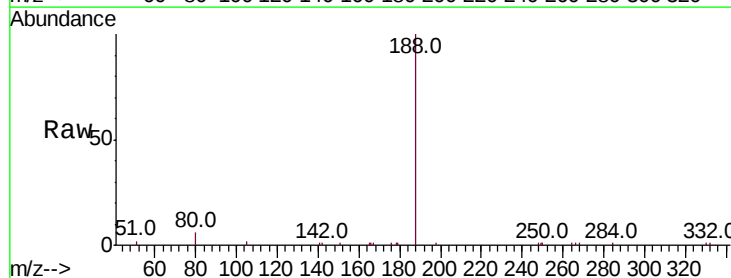


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

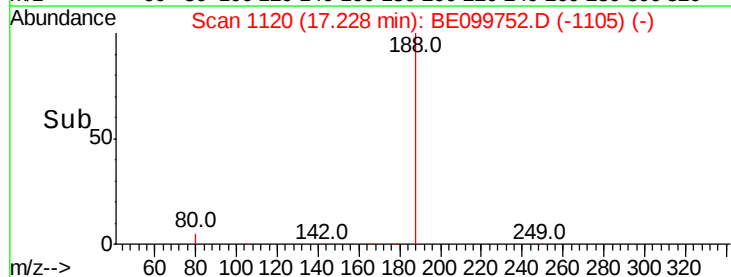
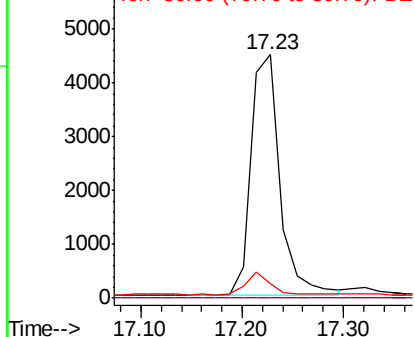


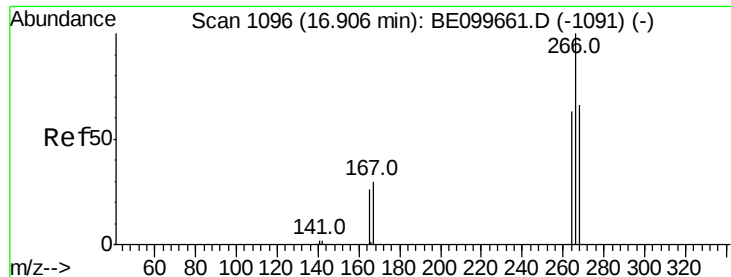
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099752.D
Acq: 24 May 2019 20:59

Tgt Ion:188 Resp: 9003
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.8 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: 0.182 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099752.D

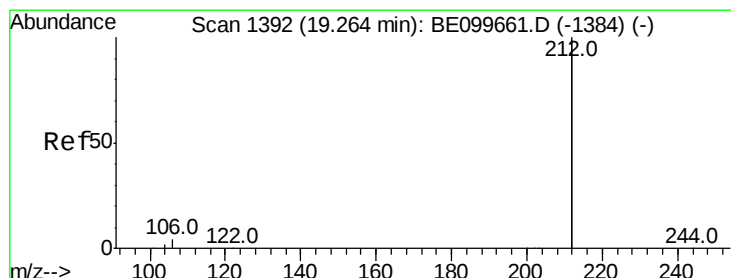
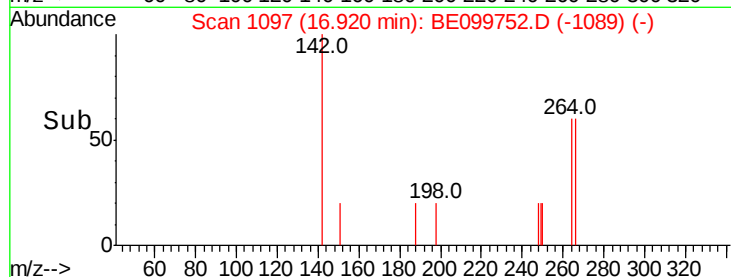
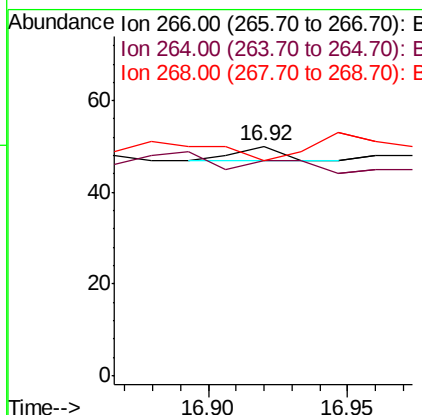
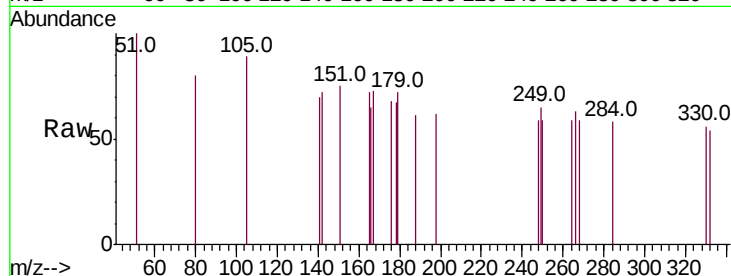
Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

Tot	Ion:266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
264	94.0	57.2	85.8#
268	94.0	60.5	90.7#



#25

Fluoranthene-d10

Concen: 0.480 ng

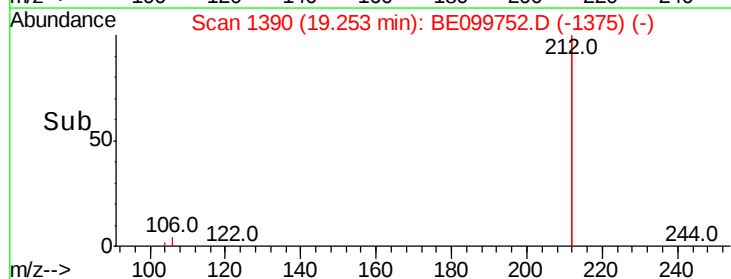
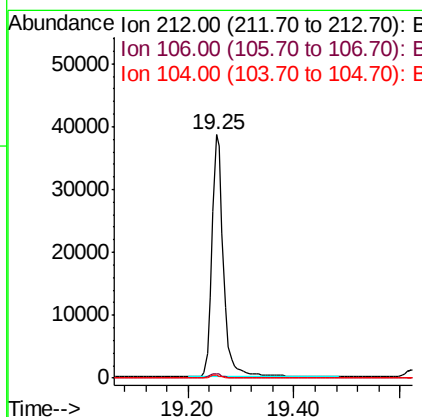
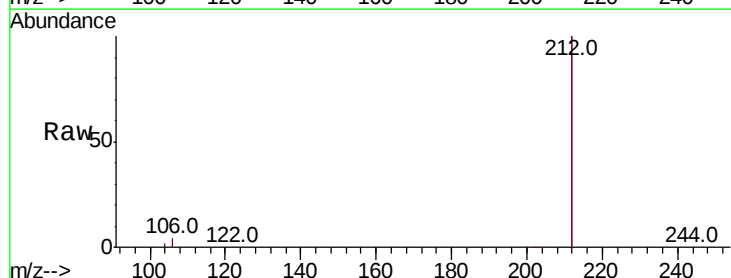
RT: 19.25 min Scan# 1390

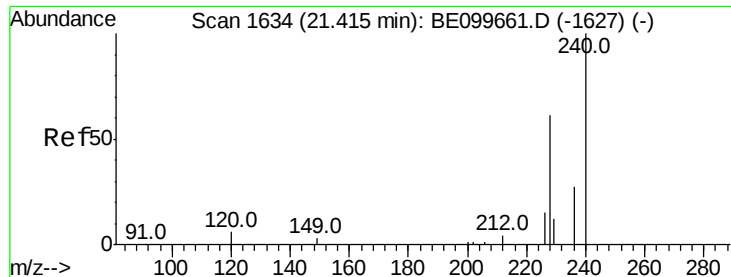
Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Tgt Ion	212	Resp: Lower	59028 Upper
	Ratio		
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

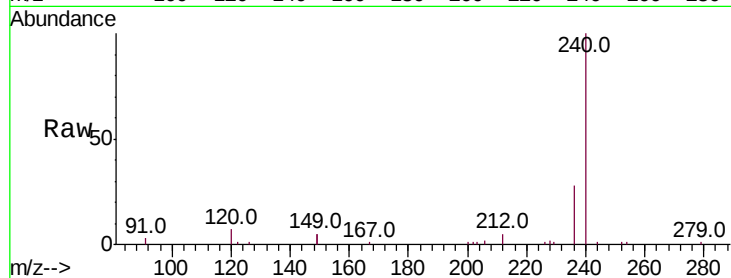
Tot Ion:240 Resp: 14106

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.0

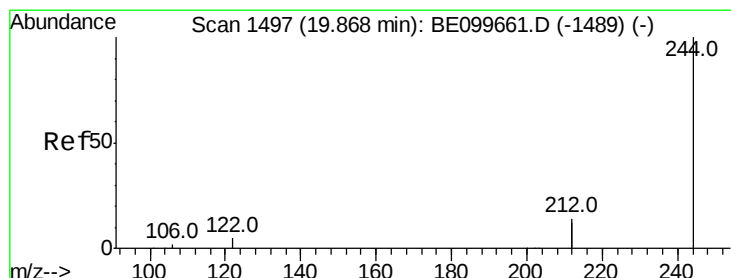
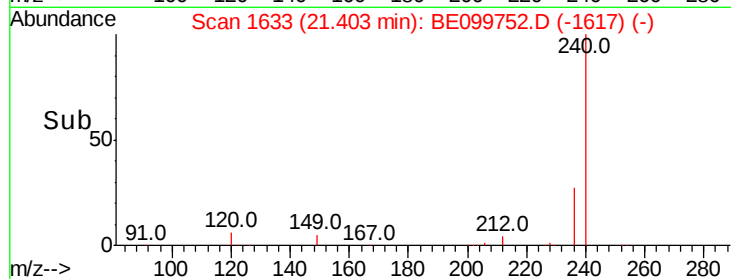
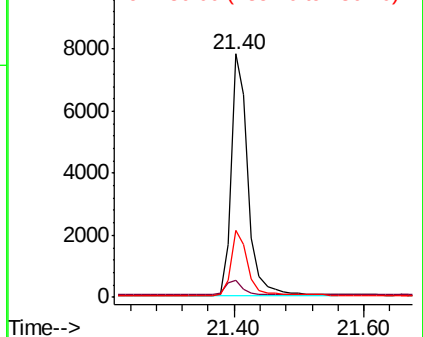
236 27.7 21.7 32.5



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: 0.656 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

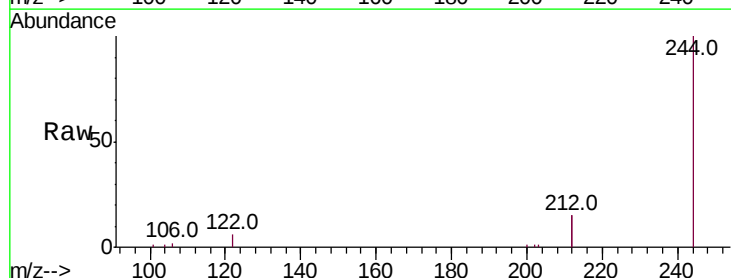
Tgt Ion:244 Resp: 16513

Ion Ratio Lower Upper

244 100

212 29.2 22.5 33.7

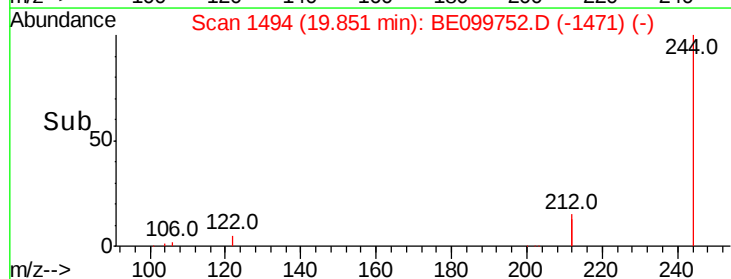
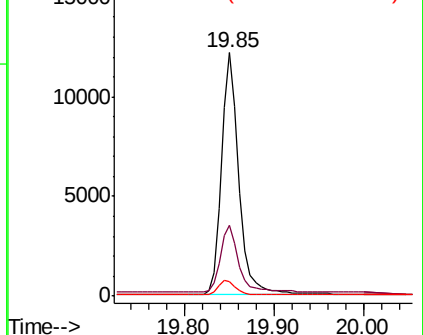
122 5.9 4.3 6.5

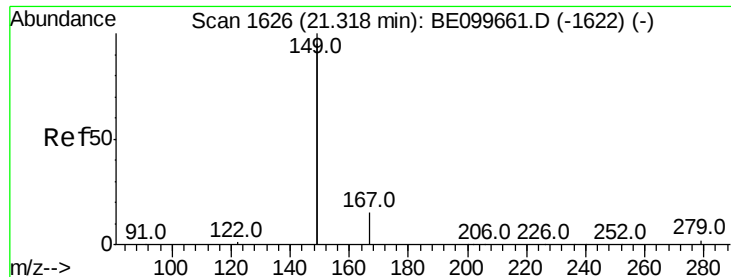


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.236 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

Instrument :

BNA_E

ClientSampleId :

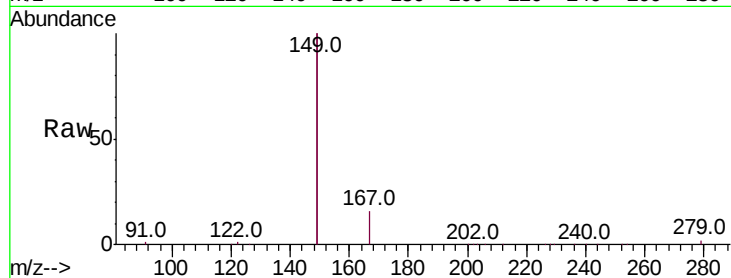
Tot Ion:149 Resp: 103308

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

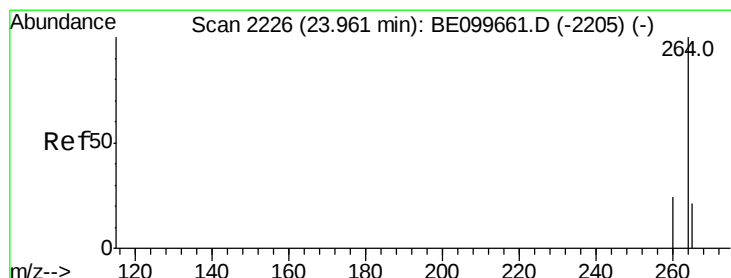
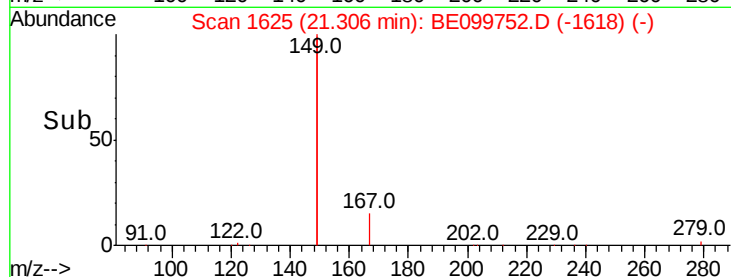
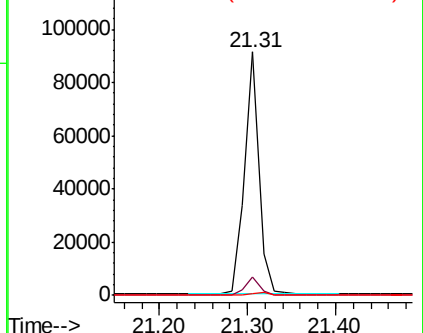
279 1.3 1.2 1.8



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: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099752.D

Acq: 24 May 2019 20:59

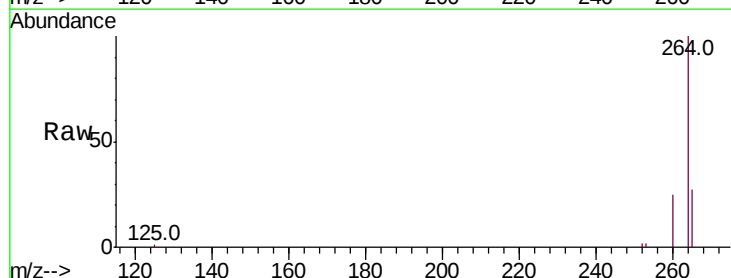
Tgt Ion:264 Resp: 16664

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 26.8 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

