

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099628.D
 Acq On : 16 May 2019 18:26
 Operator : JU/SJ
 Sample : K2856-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190514

Quant Time: May 17 07:03:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

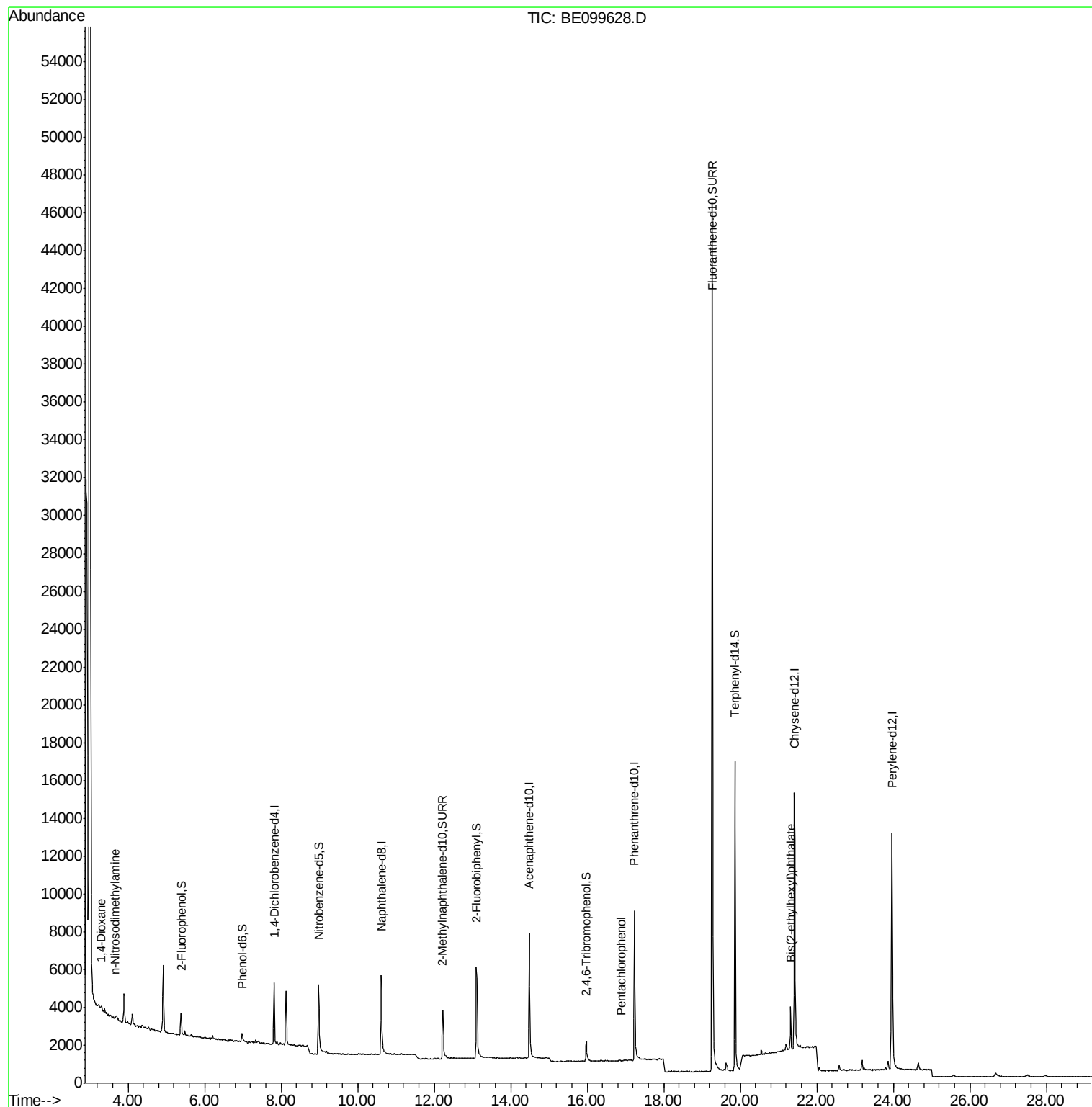
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1931	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6488	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4512	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13917	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17976	0.40	ng	0.00
34) Perylene-d12	23.96	264	21086	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	825	0.15	ng	0.01
5) Phenol-d6	6.98	99	635	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	2038	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4236	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	953	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6669	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	69977	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	16608	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	305	0.107	ng	Qvalue # 31
3) n-Nitrosodimethylamine	3.65	42	41	0.023	ng	# 2
22) Pentachlorophenol	16.89	266	12	0.278	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.32	149	2657	0.032	ng	98

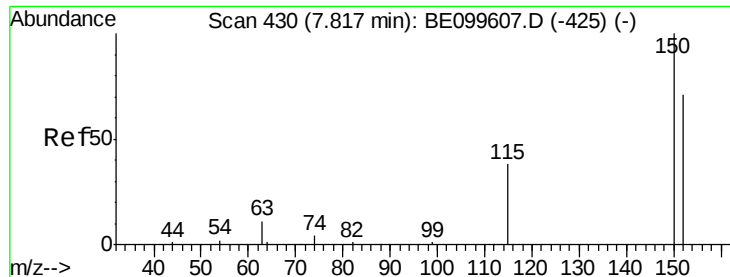
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

KY038PS036-190514

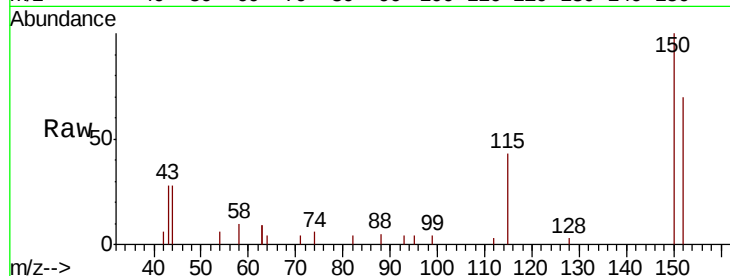
Tgt Ion: 152 Resp: 1931

Ion Ratio Lower Upper

152 100

150 142.5 110.1 165.1

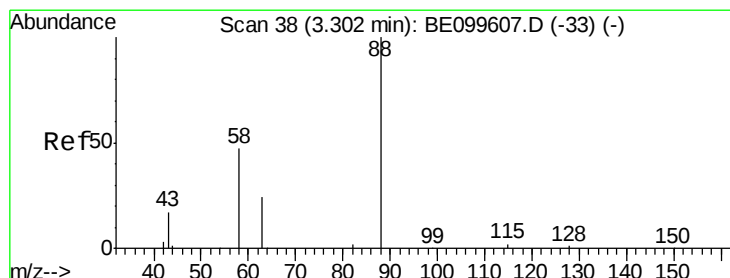
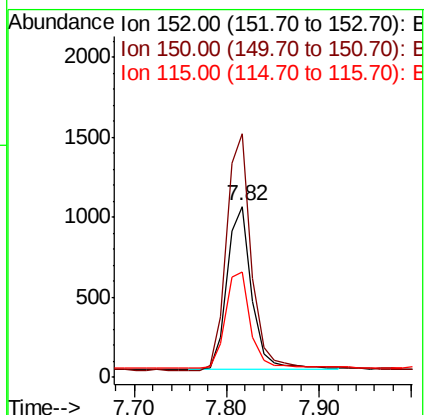
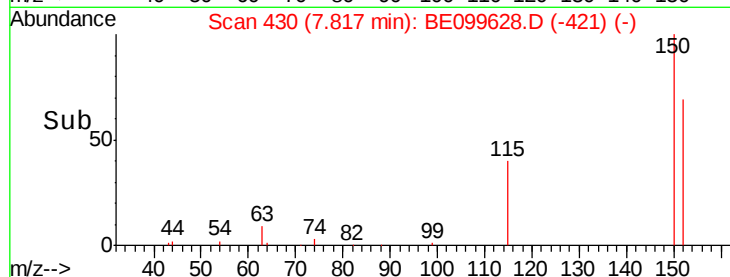
115 61.7 46.2 69.4



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: 0.107 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

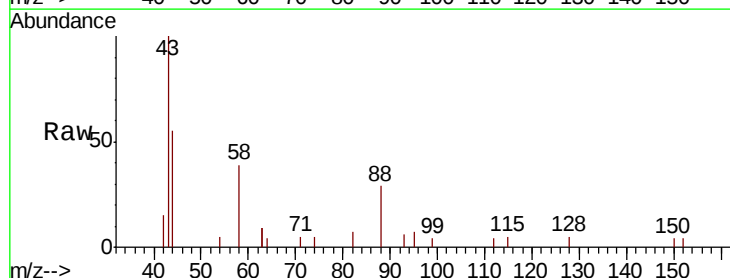
Tgt Ion: 88 Resp: 305

Ion Ratio Lower Upper

88 100

58 103.9 39.8 59.6#

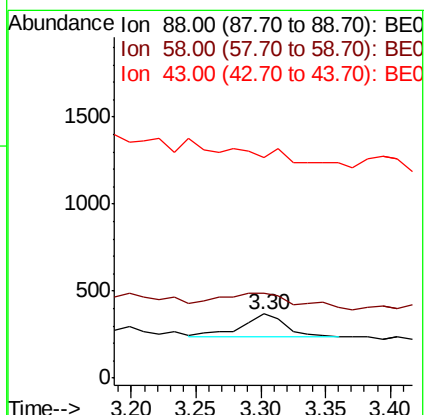
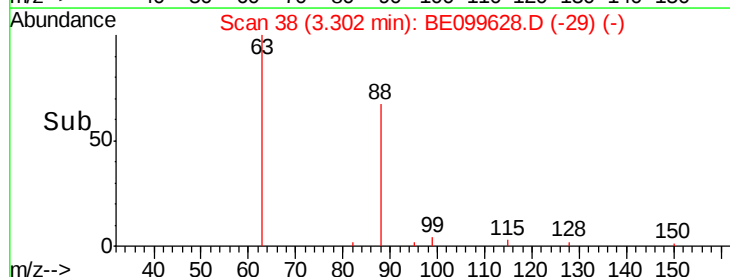
43 0.0 21.0 31.6#

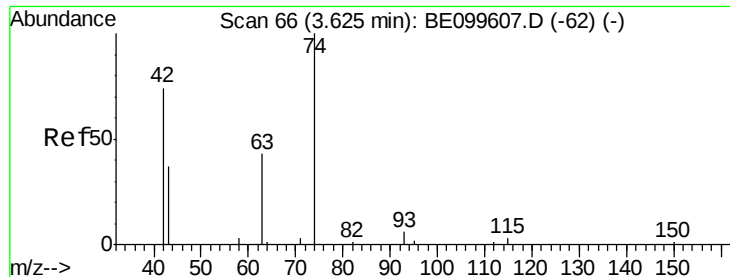


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.02 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

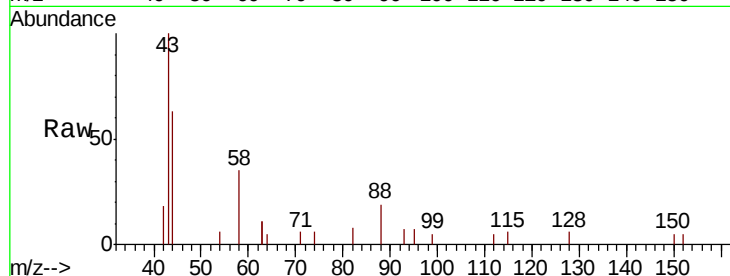
Instrument :

BNA_E

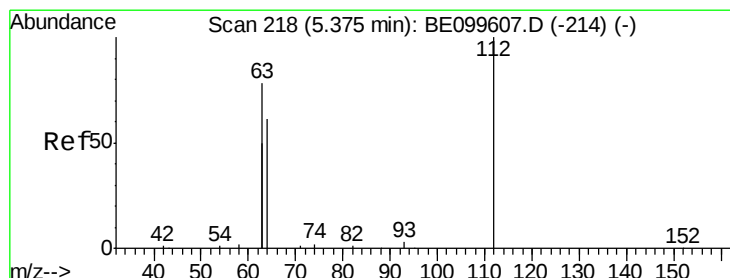
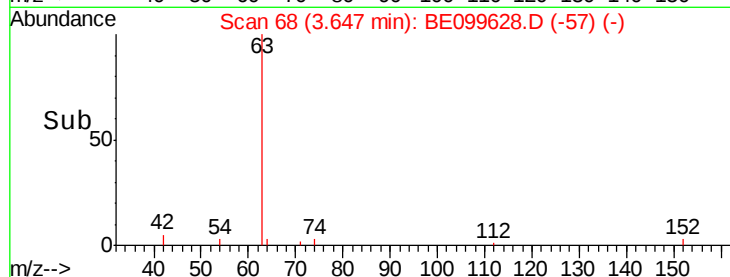
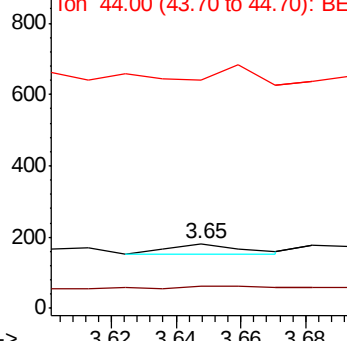
ClientSampleId :

KY038PS036-190514

Tgt Ion:	42	Resp:	41
Ion	Ratio	Lower	Upper
42	100		
74	26.8	134.7	202.1#
44	0.0	12.5	18.7#



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: 0.151 ng

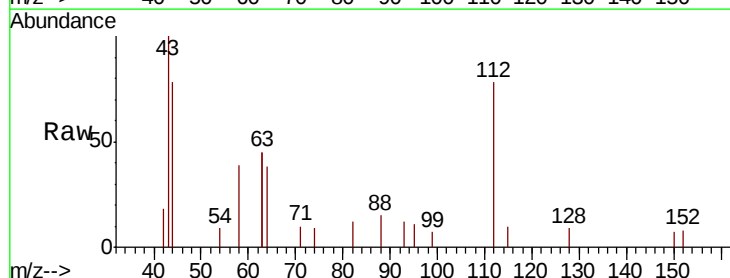
RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

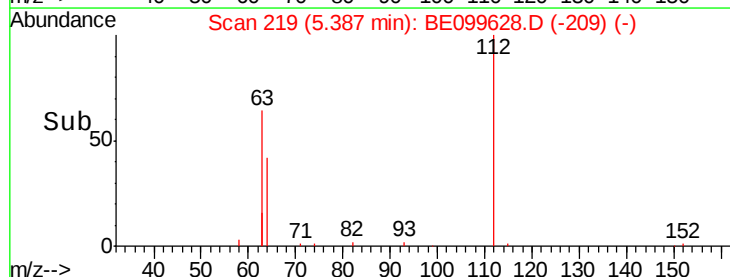
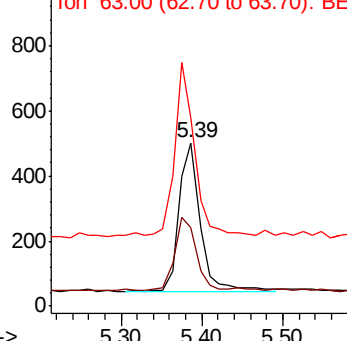
Lab File: BE099628.D

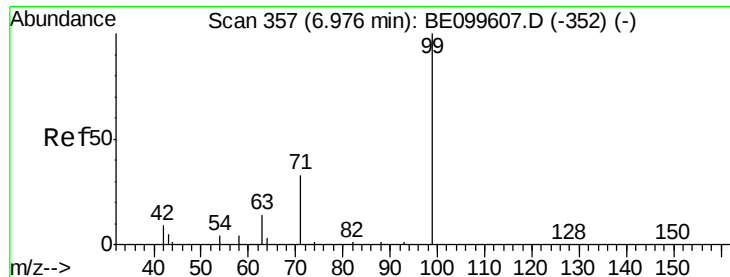
Acq: 16 May 2019 18:26

Tgt Ion:	112	Resp:	825
Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.7	65.5
63	108.8	94.0	141.0



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: 0.091 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190514

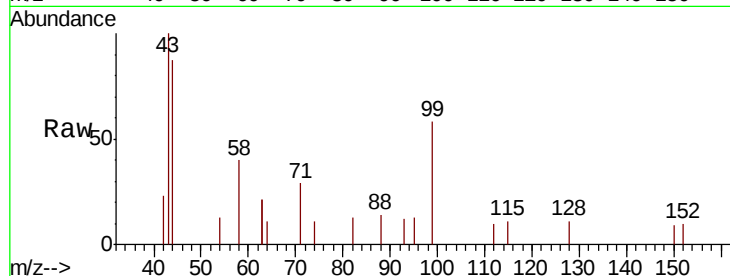
Tgt Ion: 99 Resp: 635

Ion Ratio Lower Upper

99 100

42 18.4 14.3 21.5

71 35.6 33.1 49.7



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

6.98

300

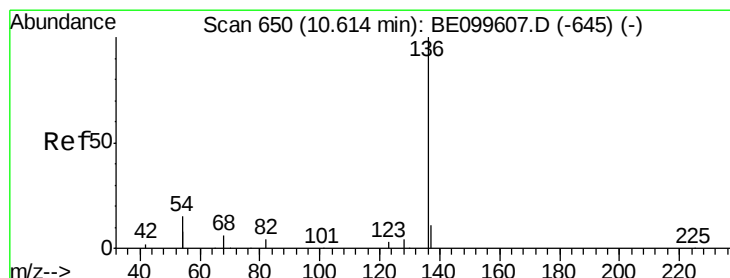
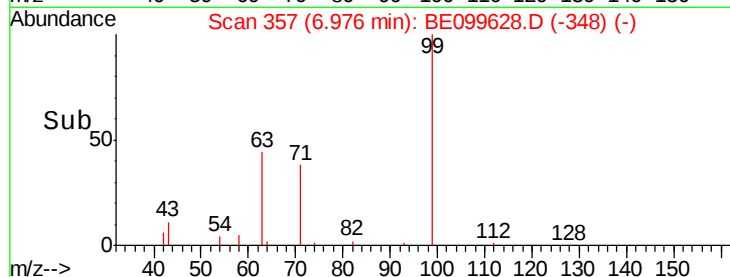
200

100

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

Tgt Ion: 136 Resp: 6488

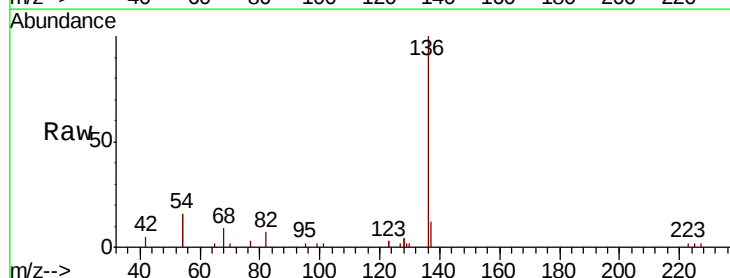
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 32.9 23.8 35.8

68 8.8 6.2 9.2



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

10.61

4000

3000

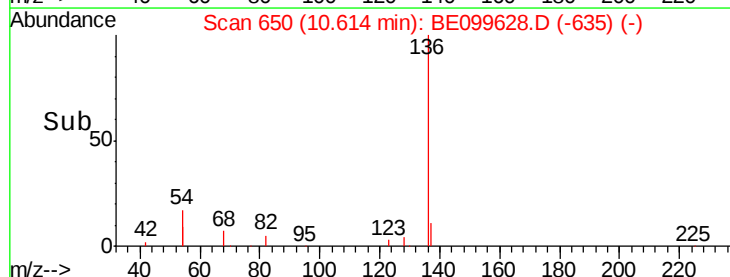
2000

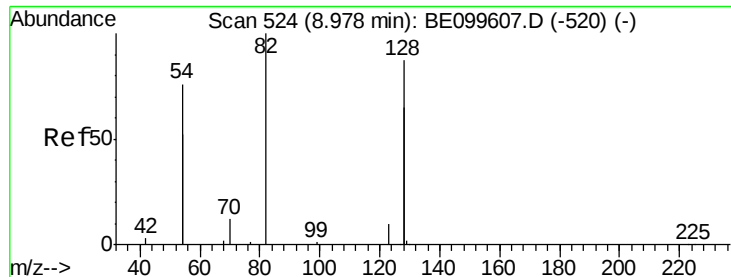
1000

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.324 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

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KY038PS036-190514

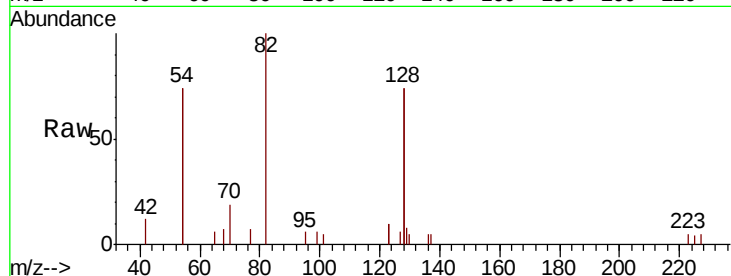
Tgt Ion: 82 Resp: 2038

Ion Ratio Lower Upper

82 100

128 148.2 131.4 197.2

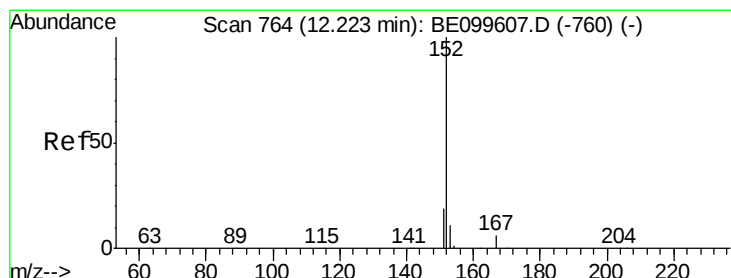
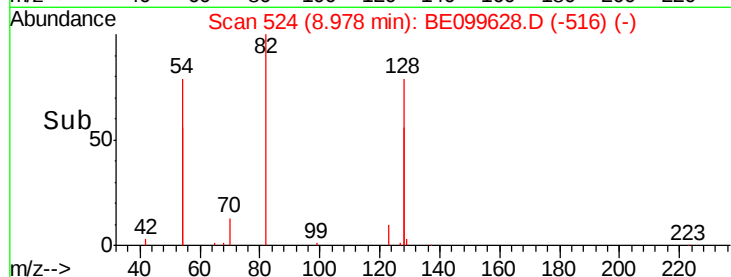
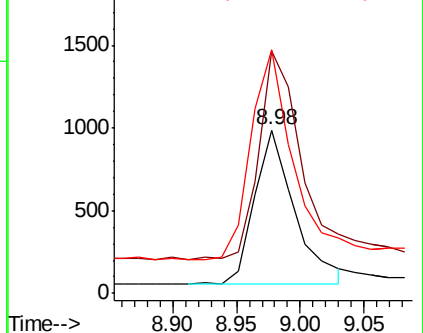
54 149.0 113.9 170.9



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: 0.388 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099628.D

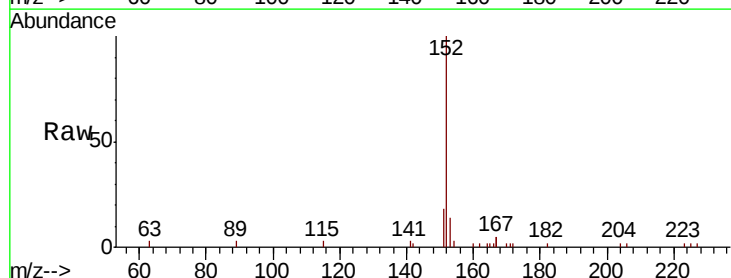
Acq: 16 May 2019 18:26

Tgt Ion: 152 Resp: 4236

Ion Ratio Lower Upper

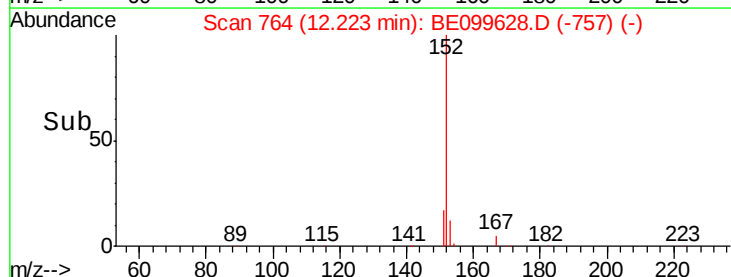
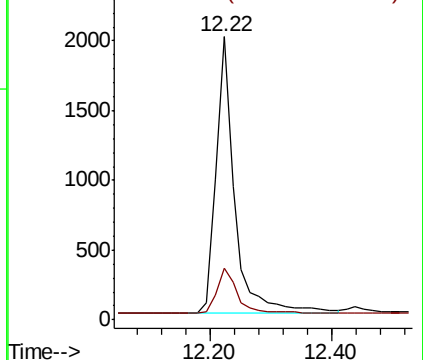
152 100

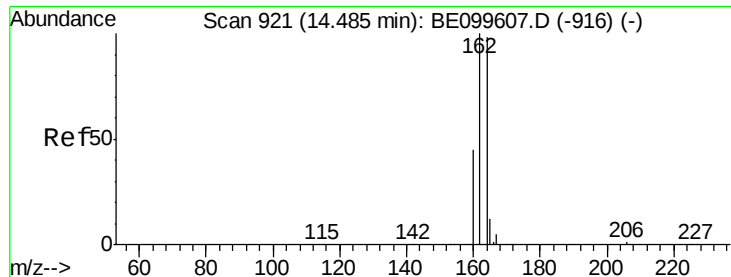
151 18.7 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

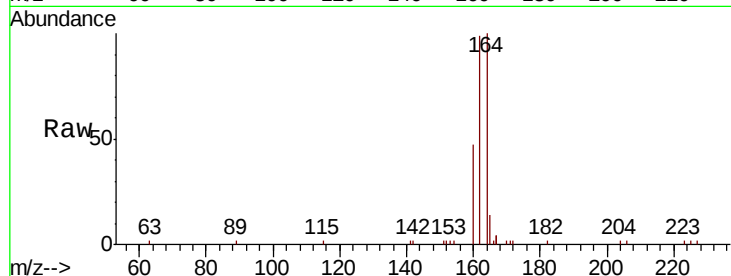




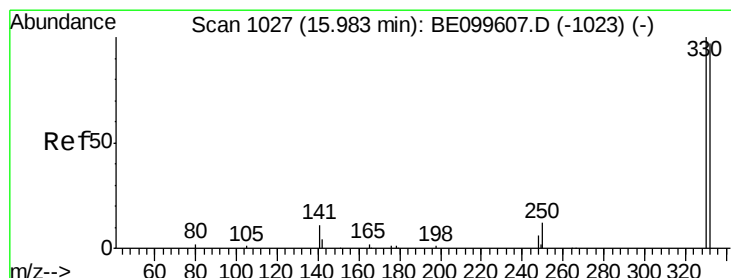
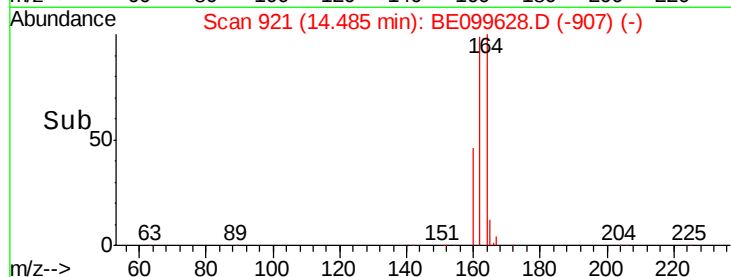
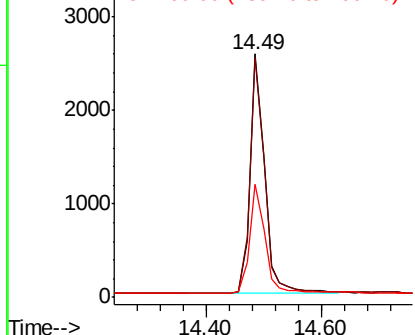
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099628.D
Acq: 16 May 2019 18:26

Instrument :
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KY038PS036-190514

Tgt Ion:164 Resp: 4512
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 46.5 37.4 56.2

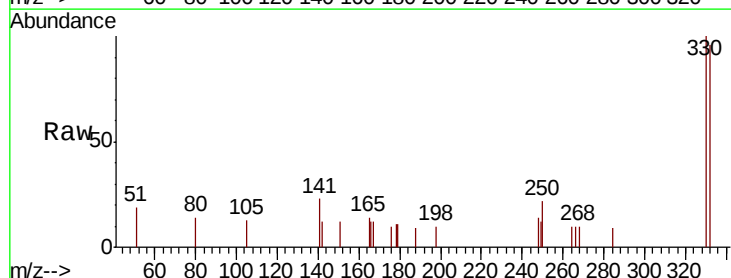


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

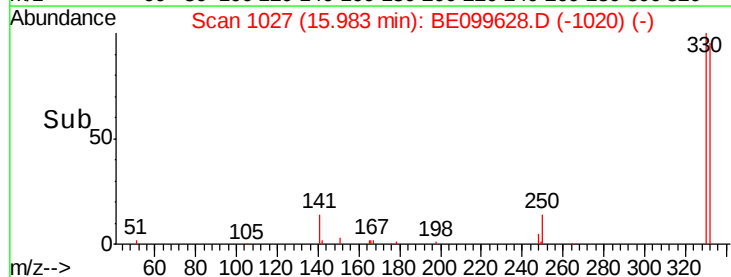
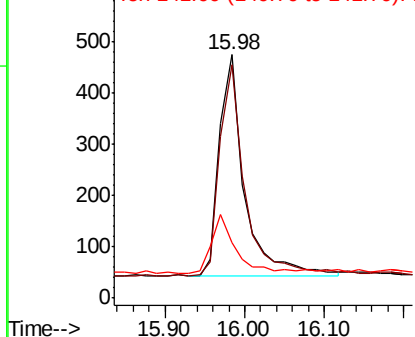


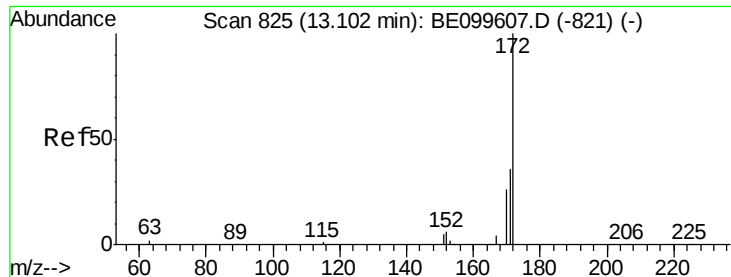
#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099628.D
Acq: 16 May 2019 18:26

Tgt Ion:330 Resp: 953
Ion Ratio Lower Upper
330 100
332 98.5 73.8 110.8
141 26.3 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

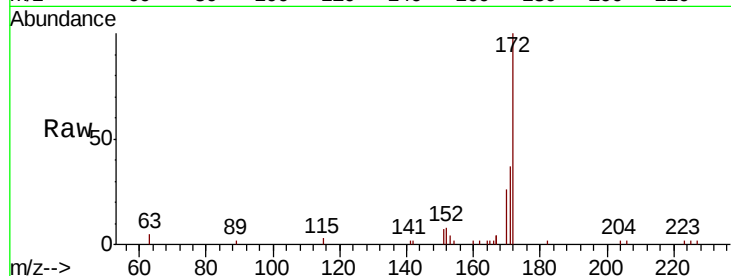




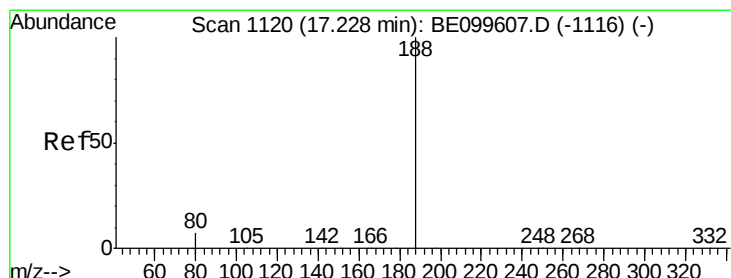
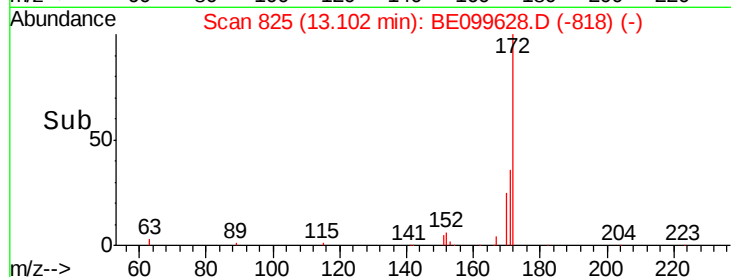
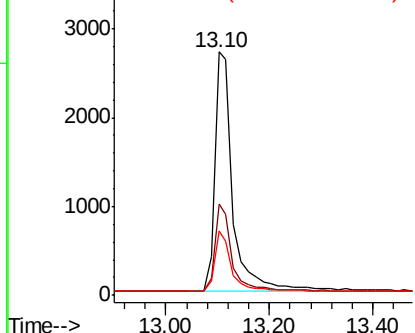
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099628.D
Acq: 16 May 2019 18:26

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BNA_E
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KY038PS036-190514

Tgt Ion:172 Resp: 6669
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.2
170 26.5 21.5 32.3

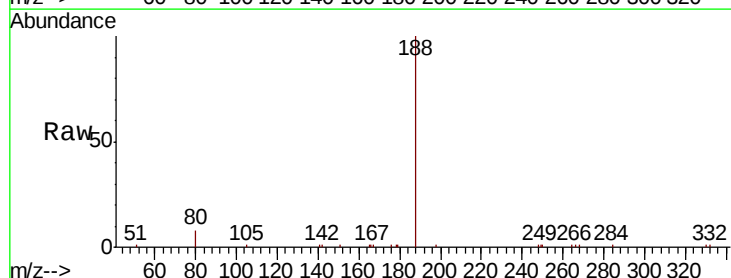


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

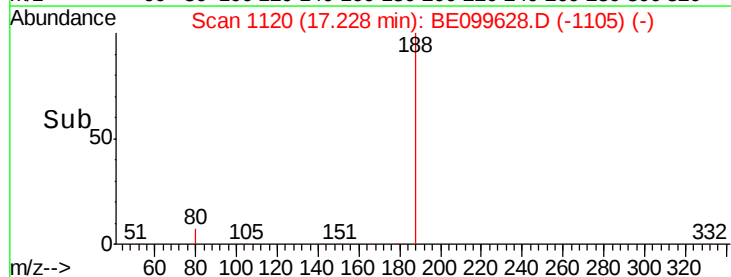
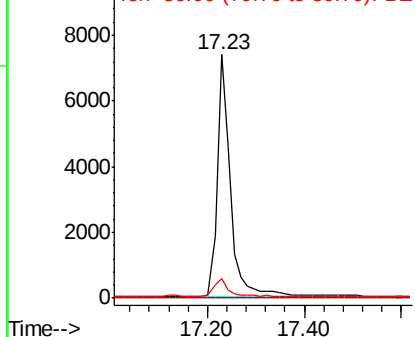


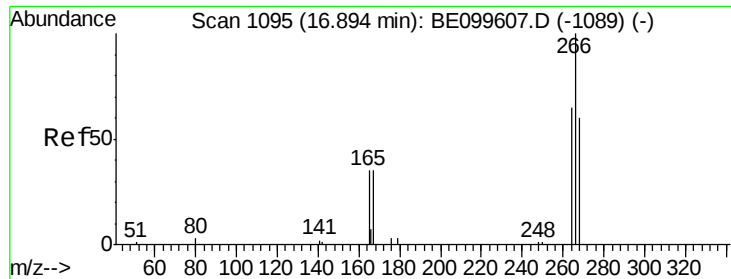
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099628.D
Acq: 16 May 2019 18:26

Tgt Ion:188 Resp: 13917
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 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: 0.278 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190514

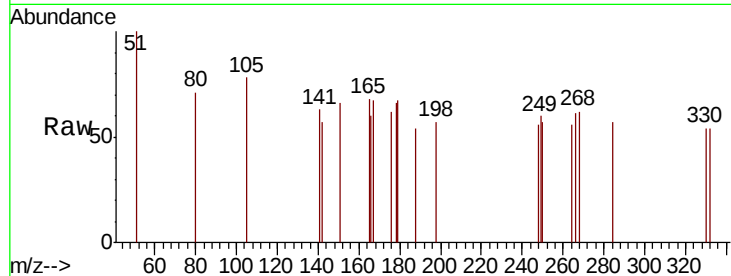
Tgt Ion: 266 Resp: 12

Ion Ratio Lower Upper

266 100

264 92.0 57.7 86.5#

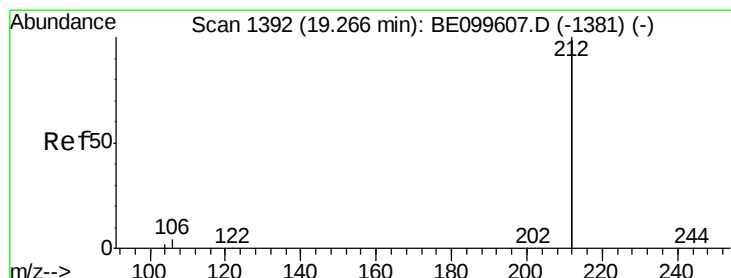
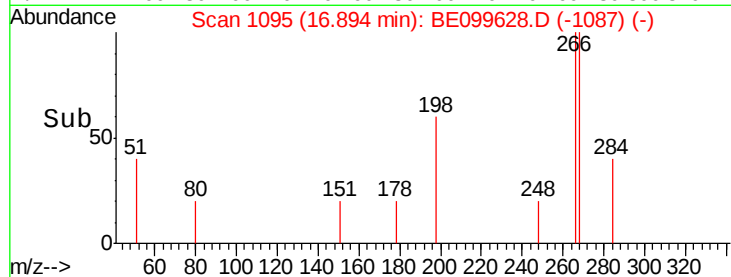
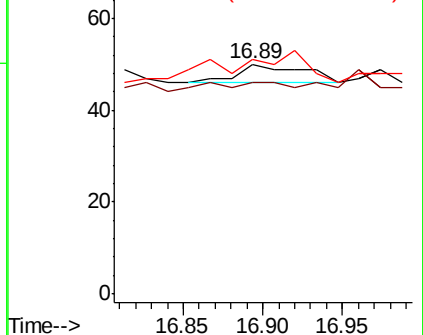
268 102.0 55.8 83.8#



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: 0.378 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

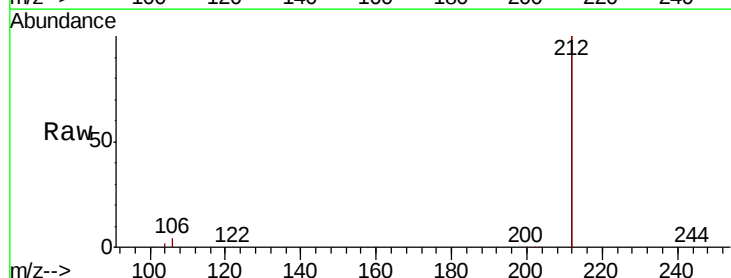
Tgt Ion: 212 Resp: 69977

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

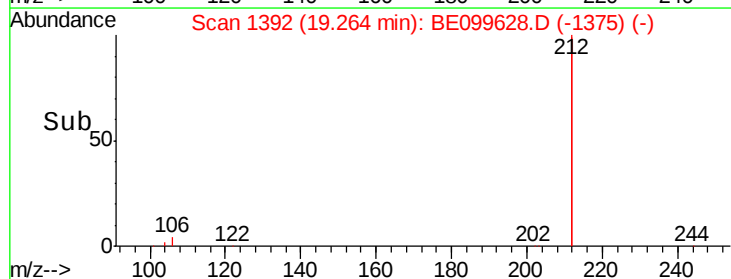
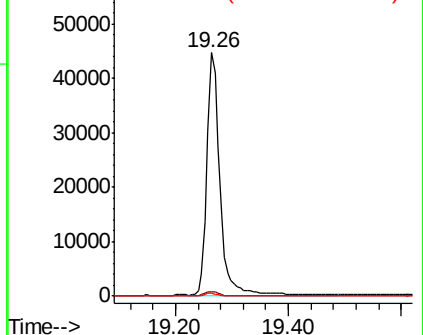
104 1.1 0.9 1.3

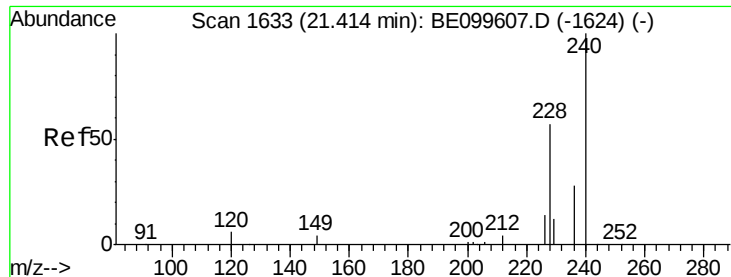


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190514

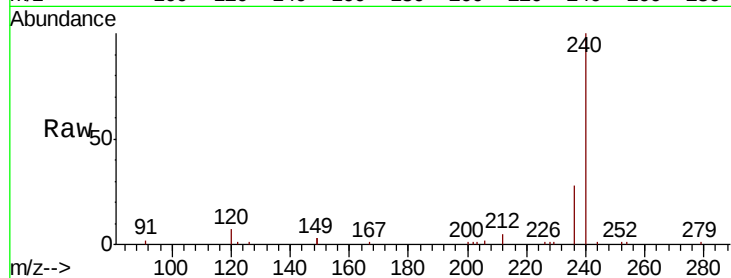
Tgt Ion:240 Resp: 17976

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

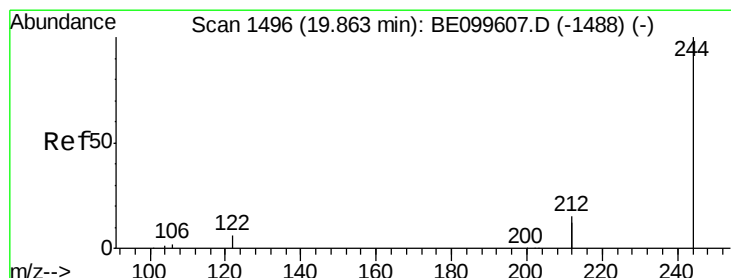
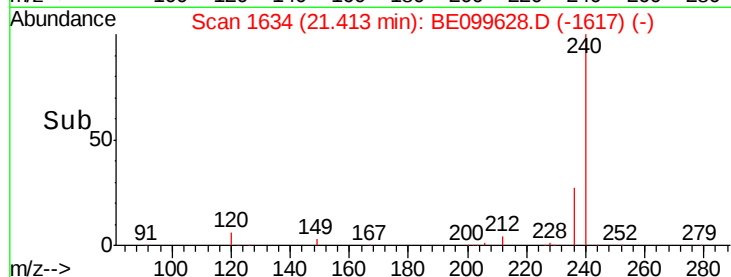
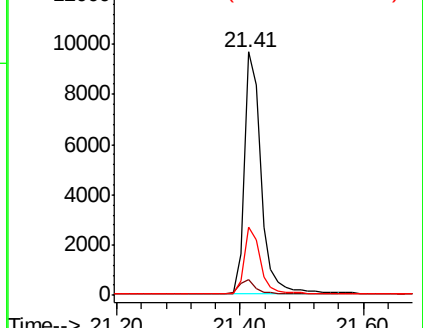
236 27.8 22.8 34.2



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: 0.513 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099628.D

Acq: 16 May 2019 18:26

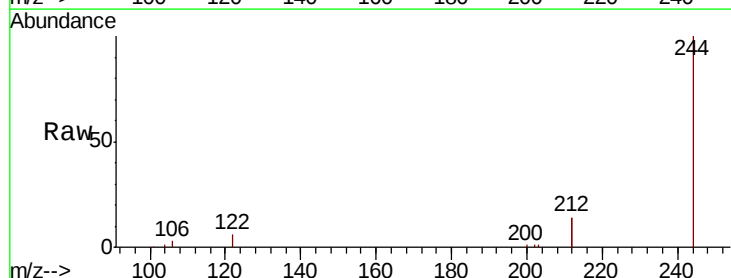
Tgt Ion:244 Resp: 16608

Ion Ratio Lower Upper

244 100

212 28.8 23.8 35.6

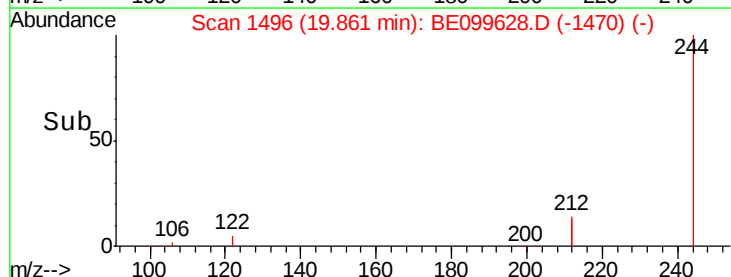
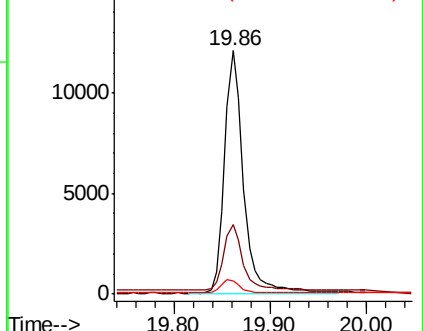
122 5.6 5.0 7.6

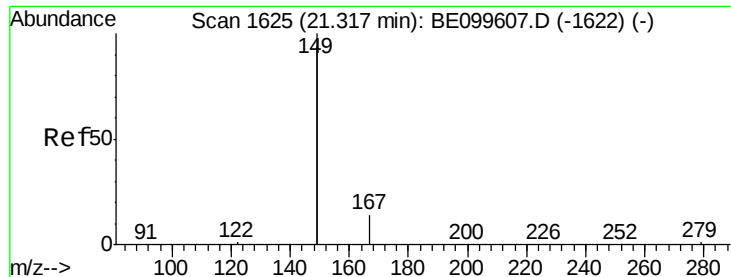


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

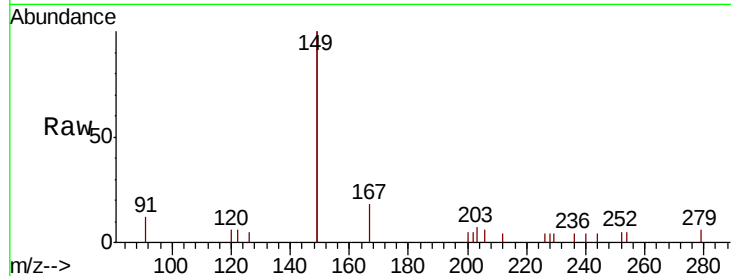




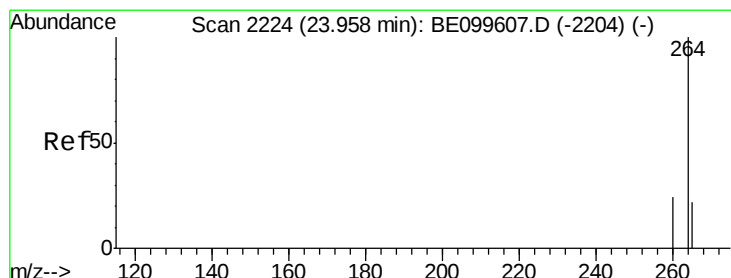
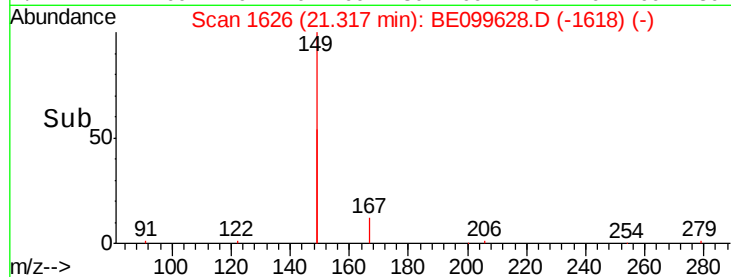
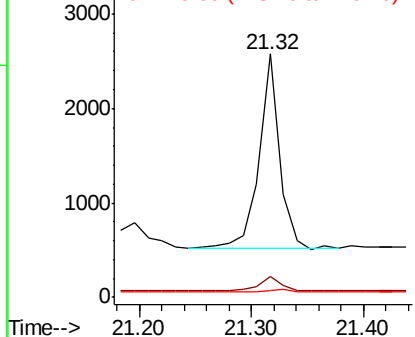
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE099628.D
 Acq: 16 May 2019 18:26

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190514

Tgt Ion:149 Resp: 2657
 Ion Ratio Lower Upper
 149 100
 167 8.4 6.0 9.0
 279 1.3 1.1 1.7

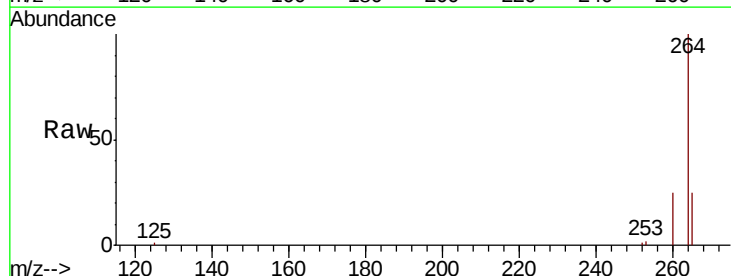


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BE099628.D
 Acq: 16 May 2019 18:26

Tgt Ion:264 Resp: 21086
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 24.7 21.2 31.8



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

