

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099823.D
 Acq On : 6 Jun 2019 15:56
 Operator : JU/SJ
 Sample : K3190-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-20190603

Quant Time: Jun 07 02:06:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

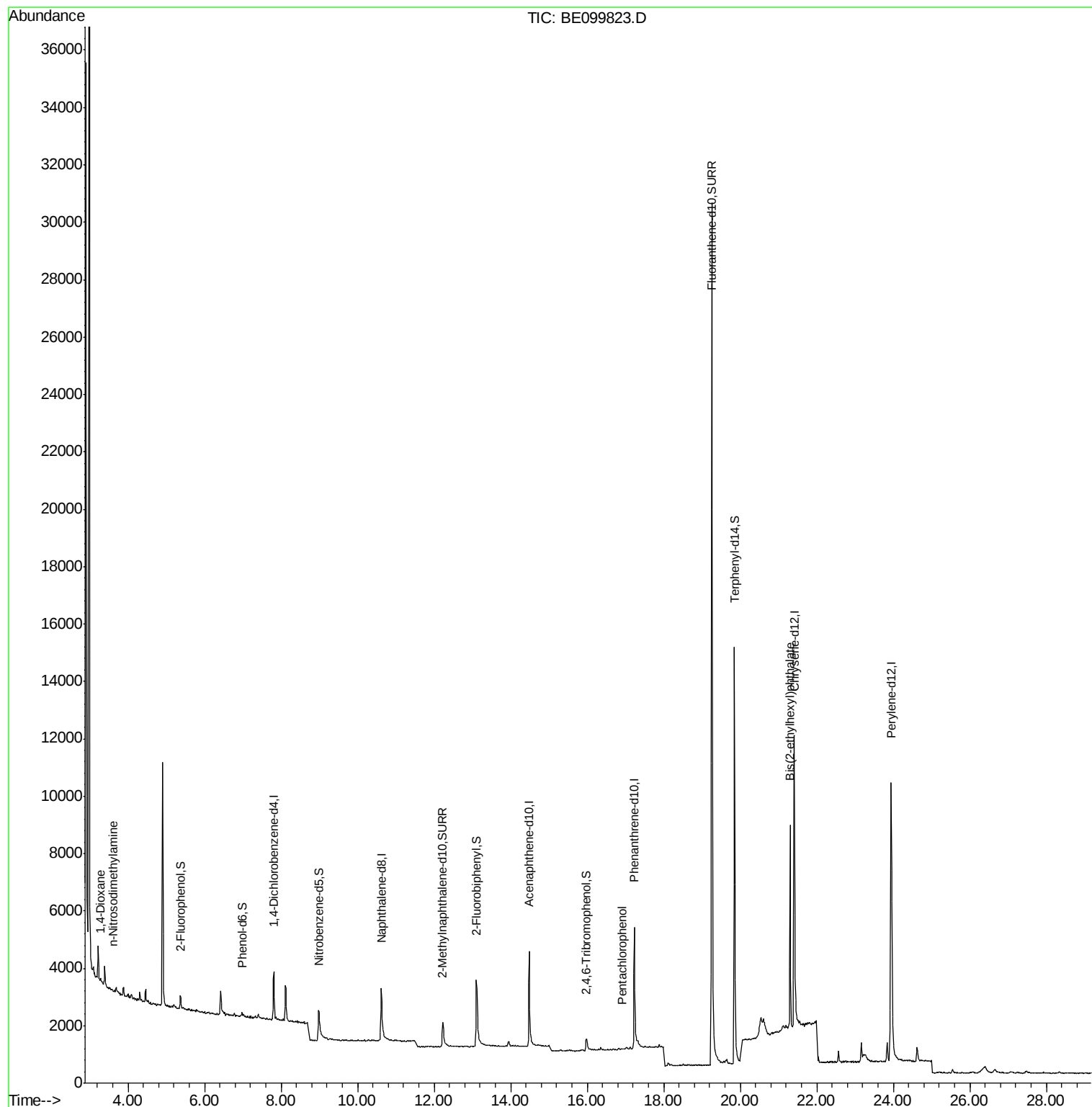
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1055	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3565	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2669	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	9093	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15829	0.40	ng	0.00
34) Perylene-d12	23.94	264	18251	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	340	0.13	ng	0.00
5) Phenol-d6	6.98	99	225	0.07	ng	0.01
8) Nitrobenzene-d5	8.98	82	1030	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1947	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	512	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4232	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	51584	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	16081	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	91	0.059	ng	Qvalue # 30
3) n-Nitrosodimethylamine	3.61	42	35	0.043	ng	# 4
22) Pentachlorophenol	16.91	266	6	0.283	ng	85
32) Bis(2-ethylhexyl)phthalate	21.30	149	7750	0.154	ng	99

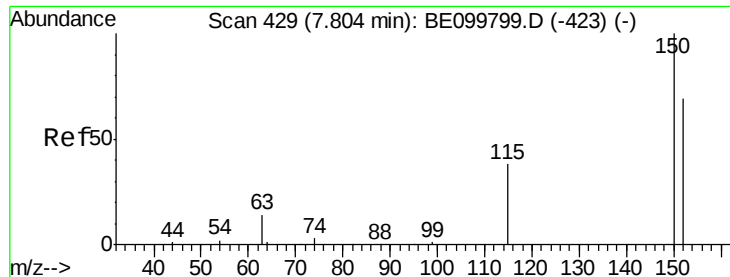
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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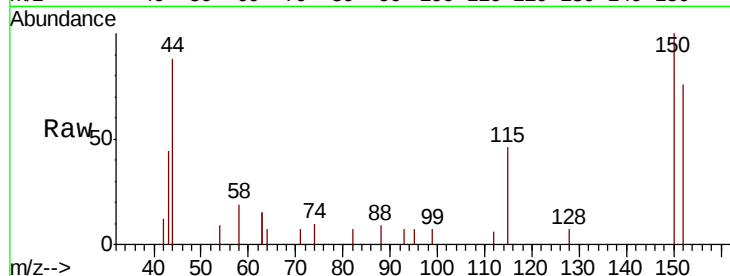


#1

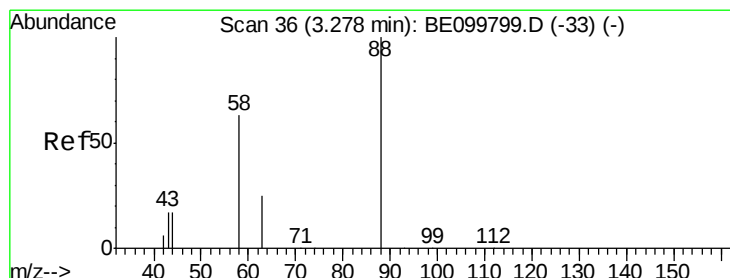
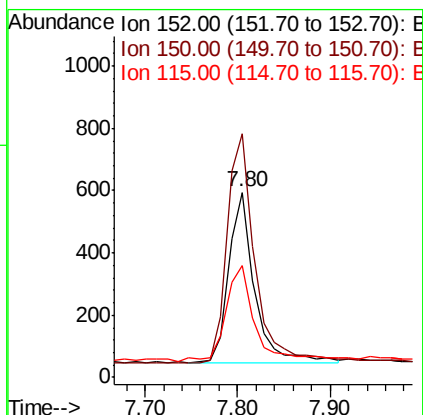
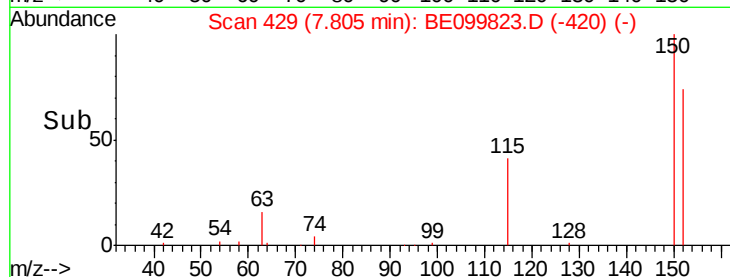
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099823.D
Acq: 6 Jun 2019 15:56

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D1-20190603

Tgt Ion: 152 Resp: 1055
Ion Ratio Lower Upper
152 100
150 131.4 112.8 169.2
115 60.3 47.6 71.4



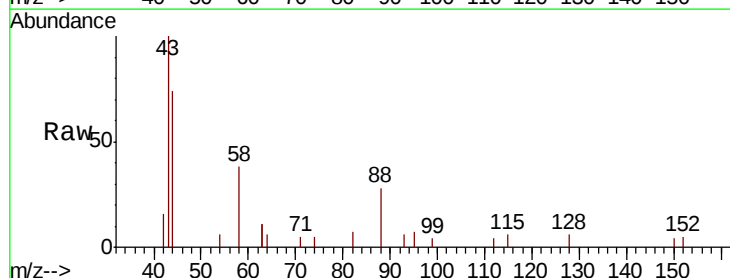
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



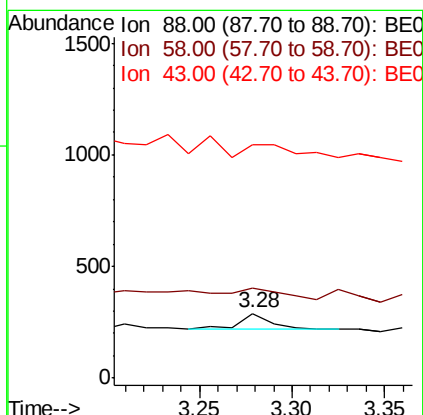
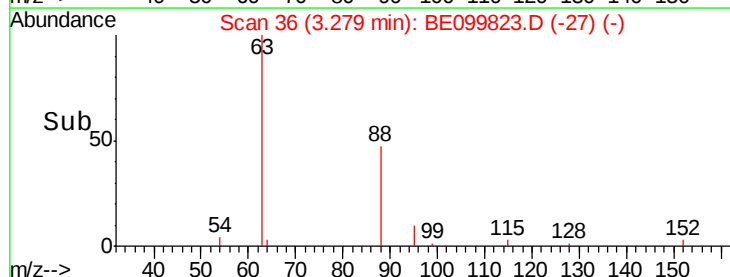
#2

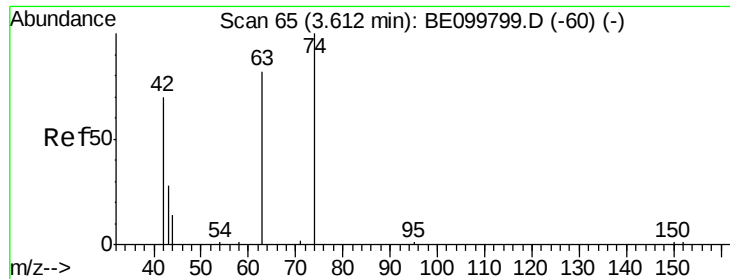
1,4-Dioxane
Concen: 0.059 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099823.D
Acq: 6 Jun 2019 15:56

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
58 0.0 47.3 70.9#
43 0.0 18.2 27.4#



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: 0.043 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-20190603

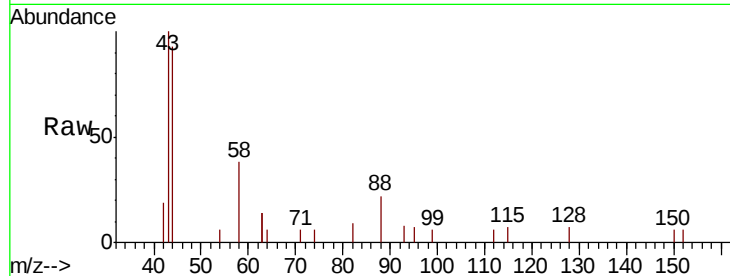
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

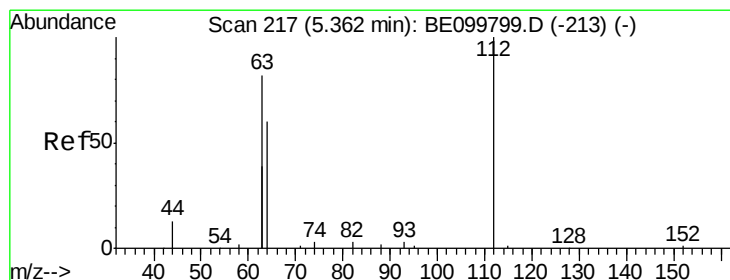
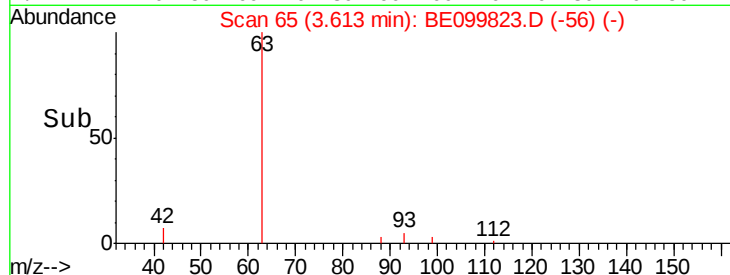
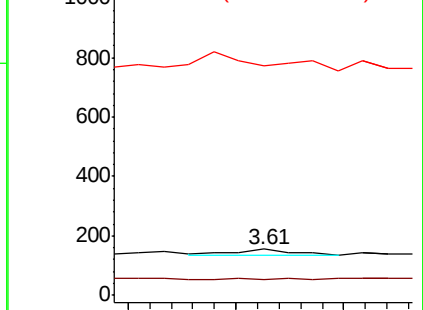
42 100

74 28.6 132.6 198.8#

44 0.0 13.4 20.0#



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: 0.132 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

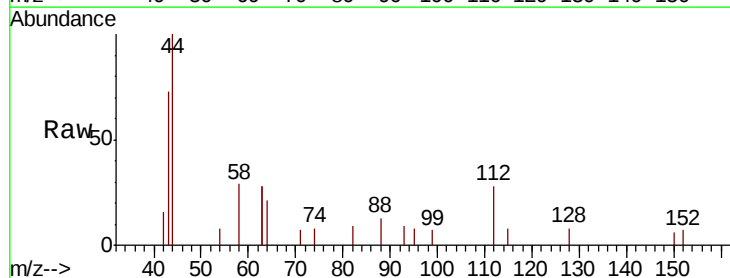
Tgt Ion: 112 Resp: 340

Ion Ratio Lower Upper

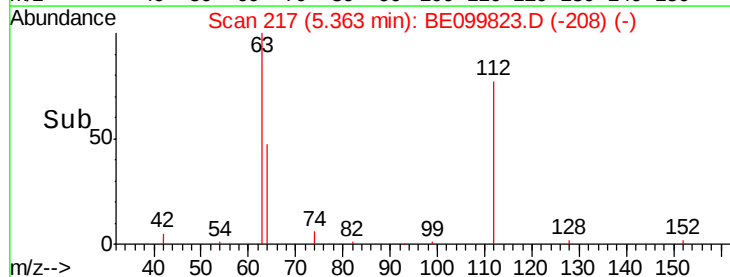
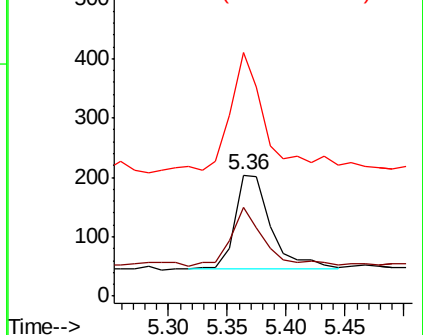
112 100

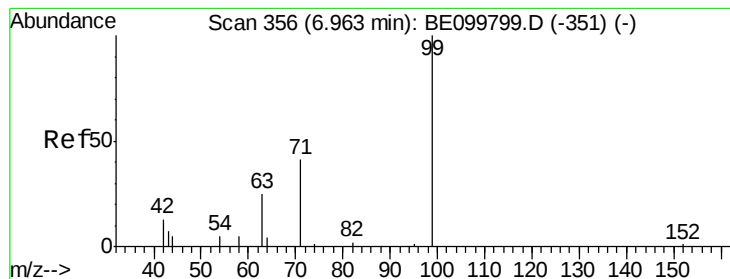
64 57.6 47.2 70.8

63 139.1 90.7 136.1#



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: 0.068 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-20190603

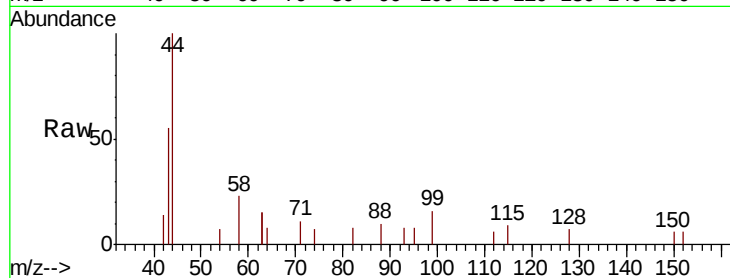
Tgt Ion: 99 Resp: 225

Ion Ratio Lower Upper

99 100

42 10.7 11.0 16.4#

71 47.1 26.1 39.1#



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

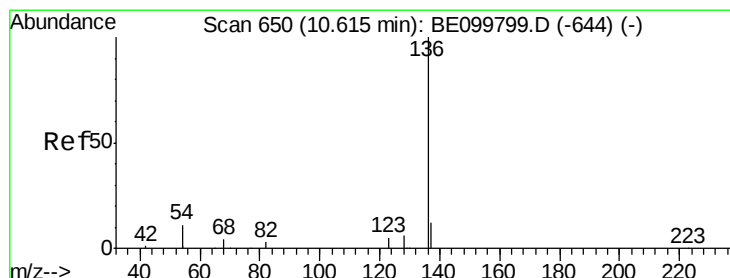
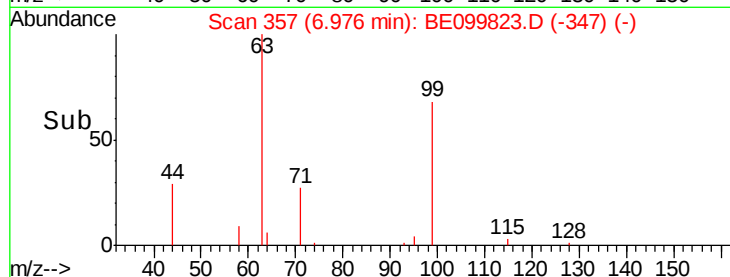
100

50

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: BE099823.D

Acq: 6 Jun 2019 15:56

Tgt Ion: 136 Resp: 3565

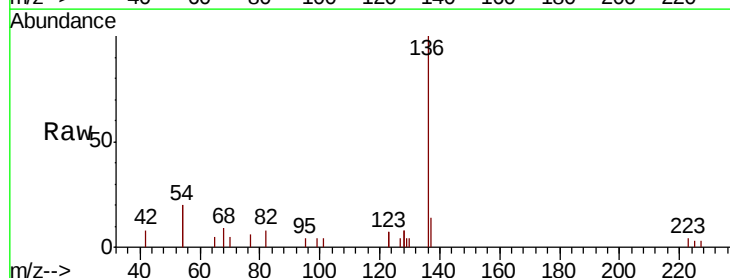
Ion Ratio Lower Upper

136 100

137 14.0 11.1 16.7

54 39.3 17.9 26.9#

68 9.2 5.4 8.0#



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

10.61

2000

1500

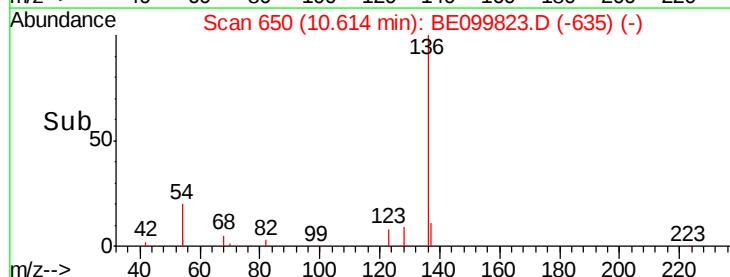
1000

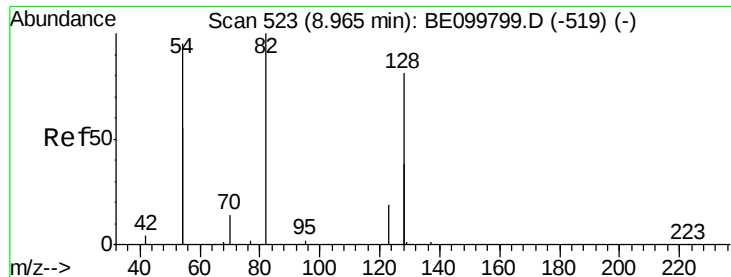
500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

Instrument :

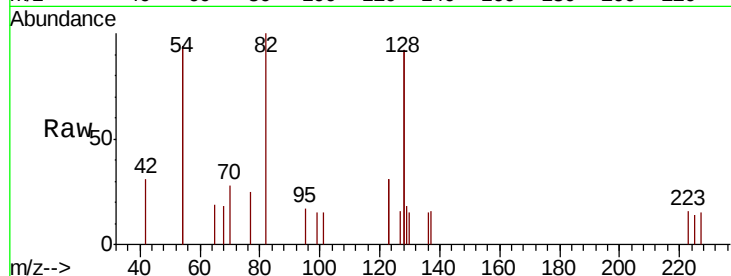
BNA_E

ClientSampleId :

BP-TT-MW201D1-20190603

Tgt Ion: 82 Resp: 1030

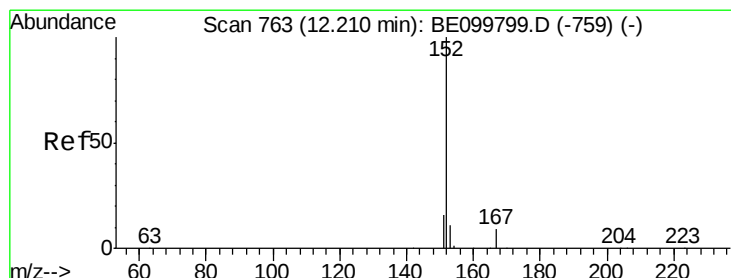
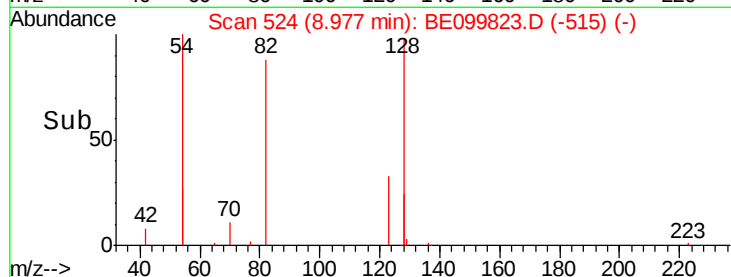
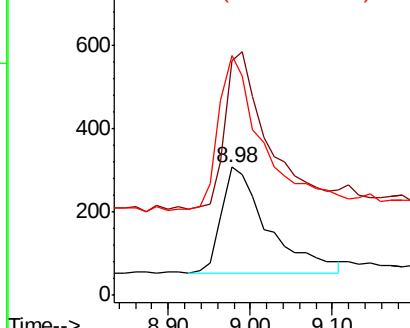
Ion	Ratio	Lower	Upper
82	100		
128	183.1	116.6	175.0#
54	187.0	136.2	204.4



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: 0.318 ng

RT: 12.22 min Scan# 764

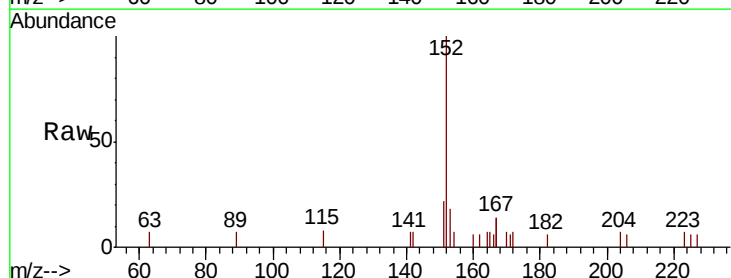
Delta R.T. 0.01 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

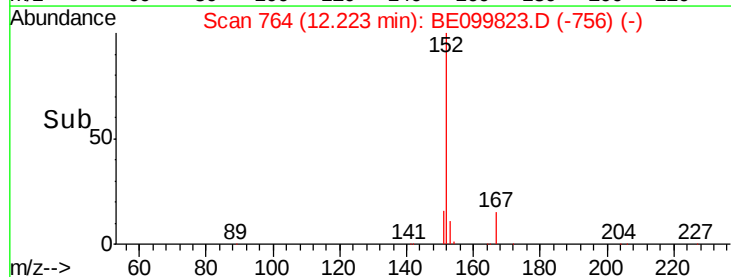
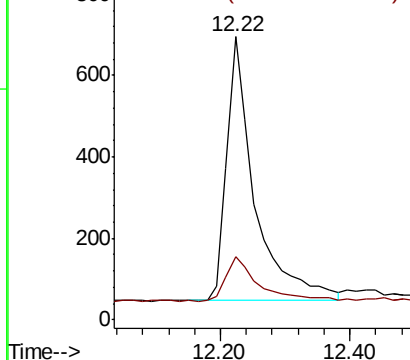
Tgt Ion: 152 Resp: 1947

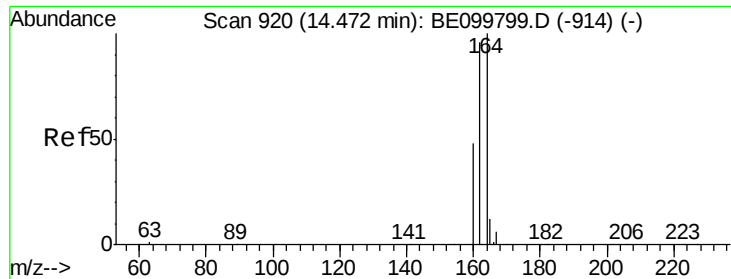
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

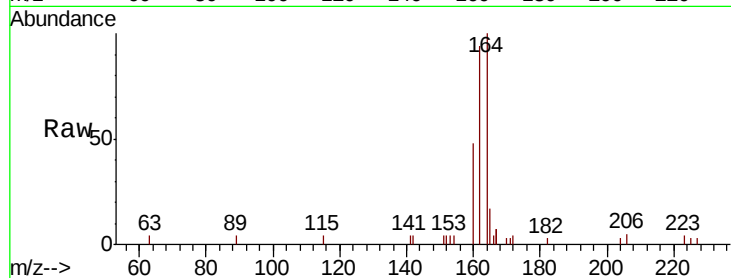




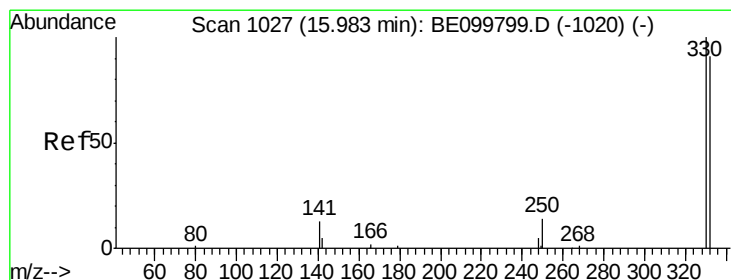
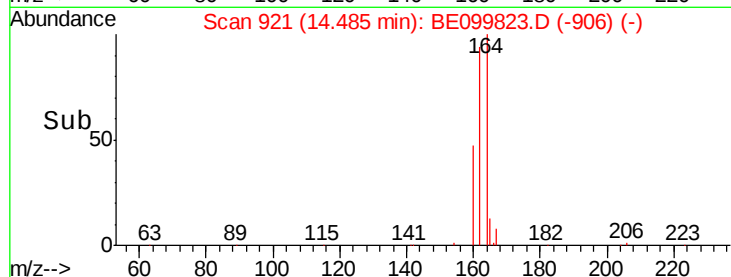
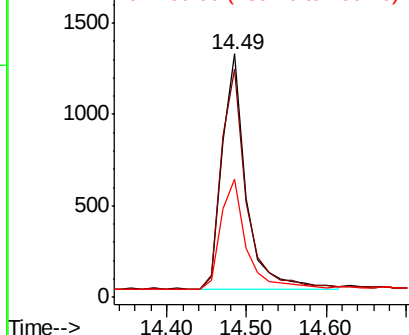
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099823.D
 Acq: 6 Jun 2019 15:56

Instrument :
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 ClientSampleId :
 BP-TT-MW201D1-20190603

Tgt Ion:164 Resp: 2669
 Ion Ratio Lower Upper
 164 100
 162 93.8 77.2 115.8
 160 48.4 39.4 59.2

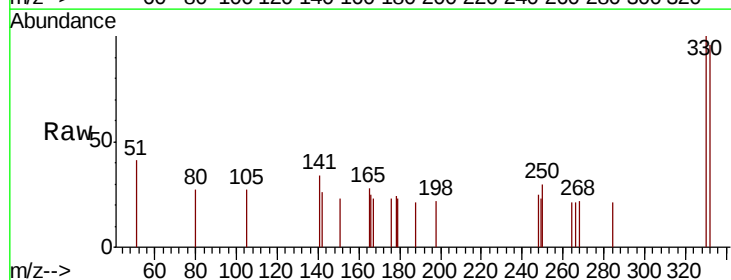


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

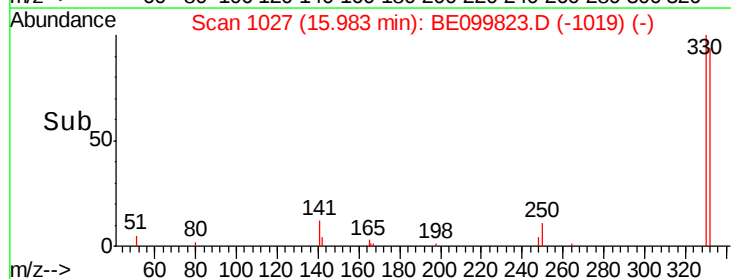
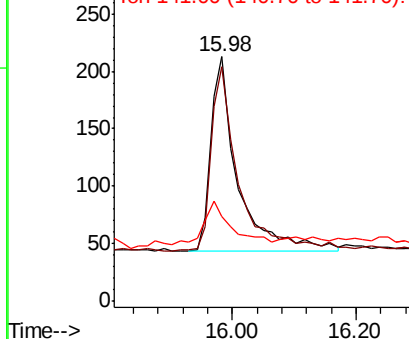


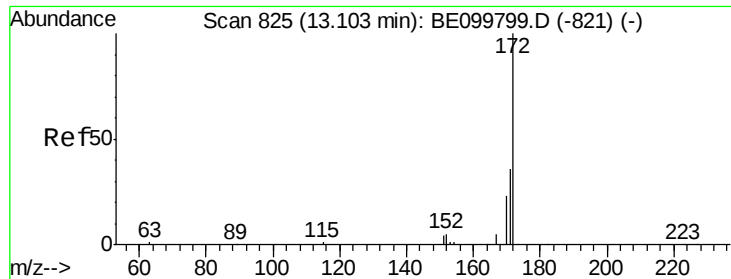
#14
 2,4,6-Tribromophenol
 Concen: 0.386 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099823.D
 Acq: 6 Jun 2019 15:56

Tgt Ion:330 Resp: 512
 Ion Ratio Lower Upper
 330 100
 332 95.3 74.9 112.3
 141 18.0 16.0 24.0



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

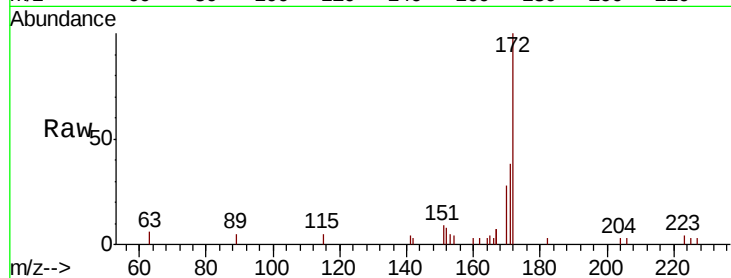




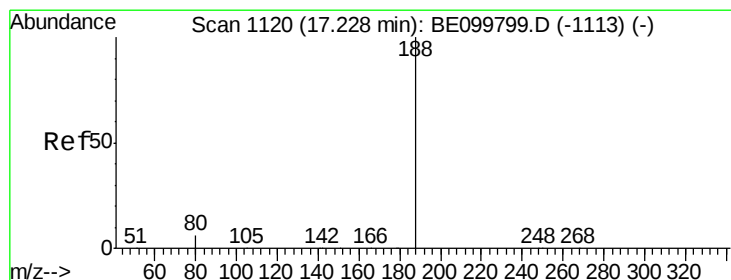
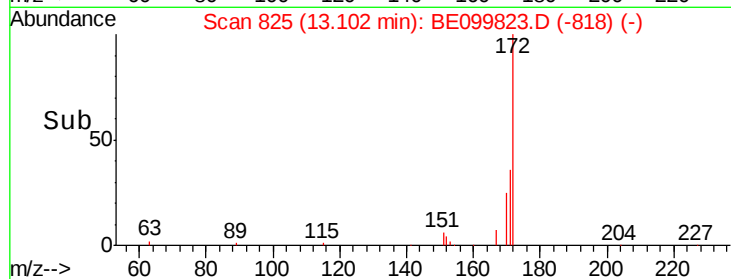
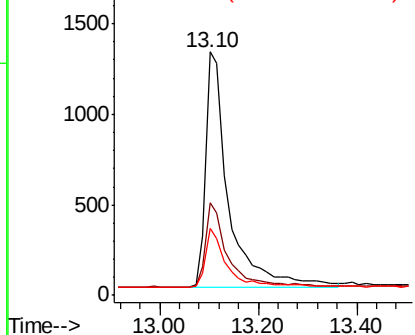
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099823.D
Acq: 6 Jun 2019 15:56

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D1-20190603

Tgt Ion:172 Resp: 4232
Ion Ratio Lower Upper
172 100
171 38.0 30.2 45.4
170 27.6 20.1 30.1

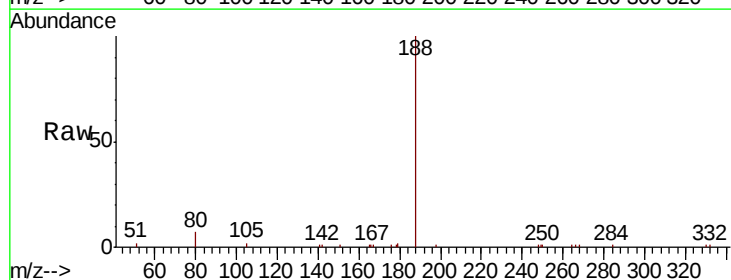


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

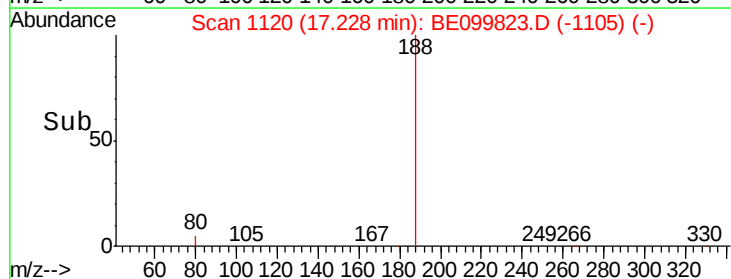
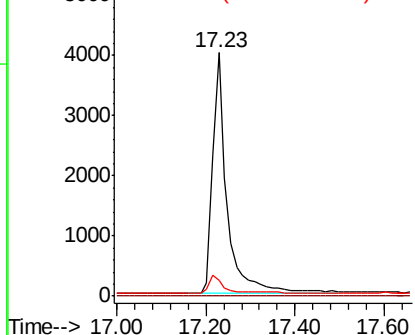


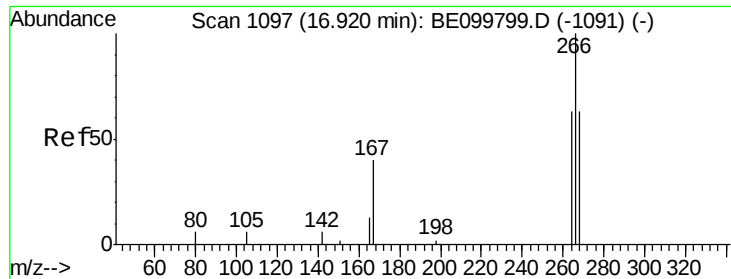
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099823.D
Acq: 6 Jun 2019 15:56

Tgt Ion:188 Resp: 9093
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 5.2 7.8



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

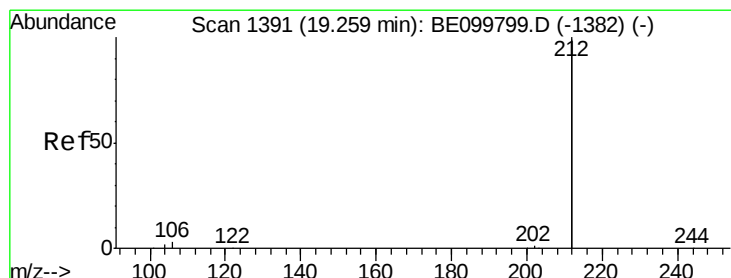
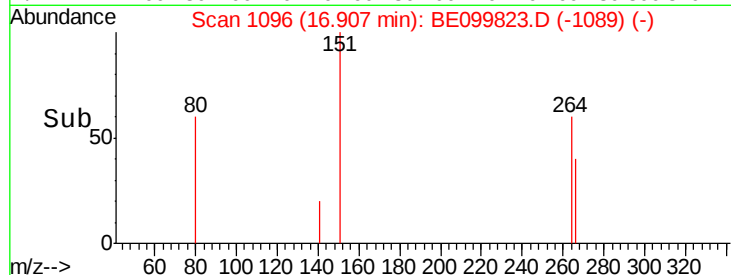
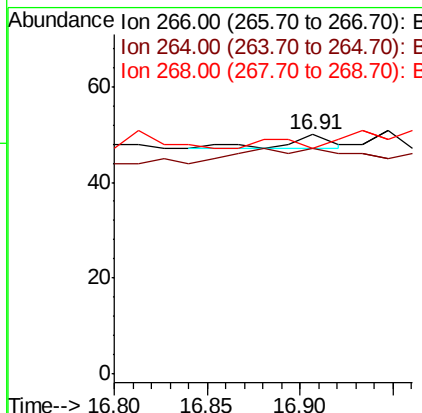
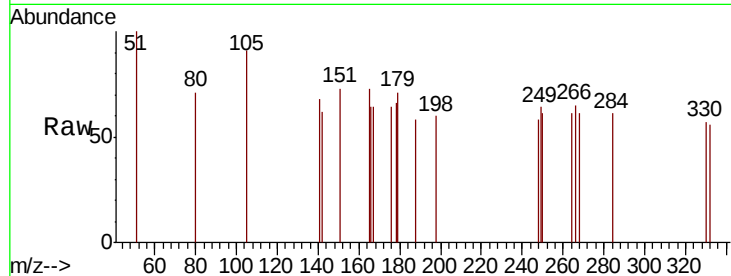




#22
 Pentachlorophenol
 Concen: 0.283 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BE099823.D
 Acq: 6 Jun 2019 15:56

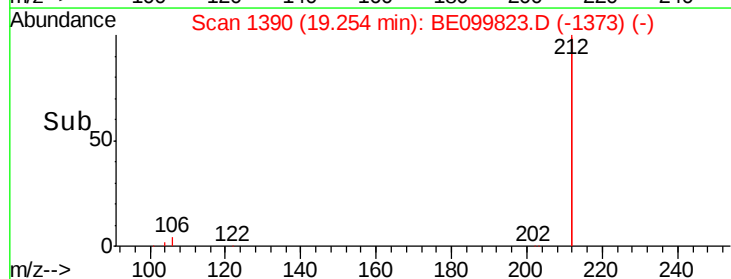
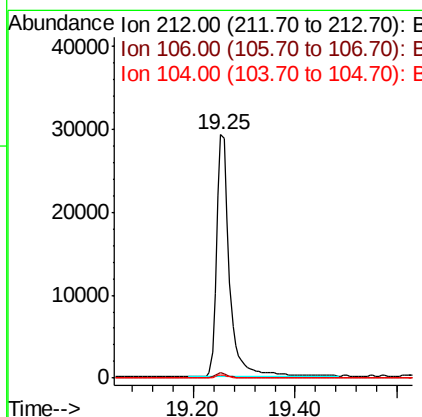
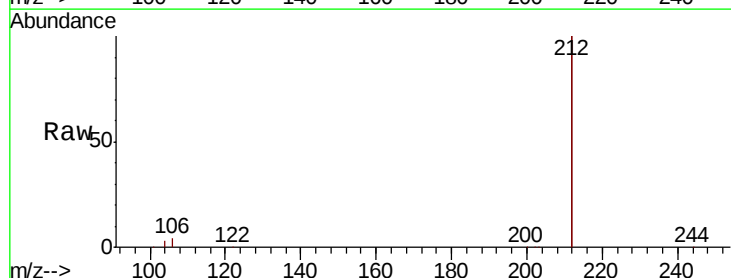
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-20190603

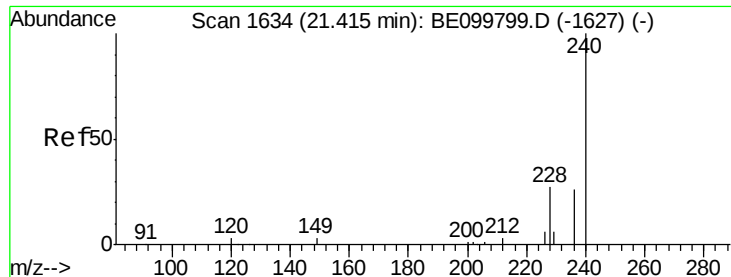
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 94.0 64.9 97.3
 268 94.0 64.0 96.0



#25
 Fluoranthene-d10
 Concen: 0.382 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099823.D
 Acq: 6 Jun 2019 15:56

Tgt Ion: 212 Resp: 51584
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D1-20190603

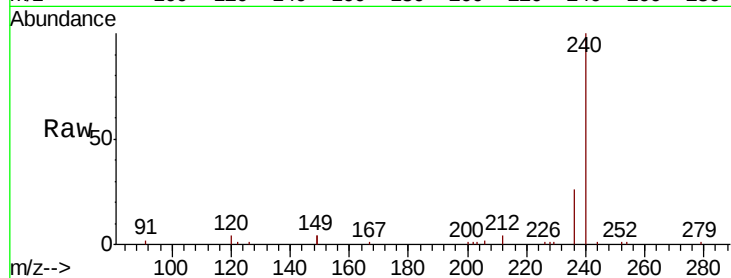
Tgt Ion:240 Resp: 15829

Ion Ratio Lower Upper

240 100

120 4.0 2.8 4.2

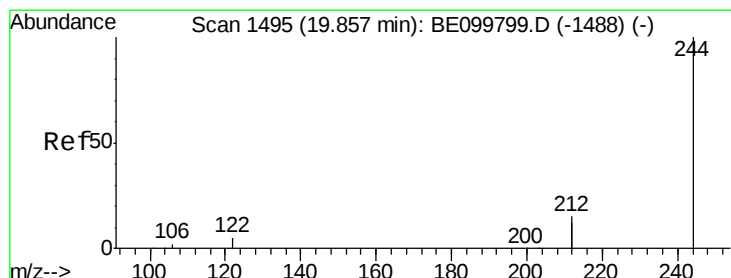
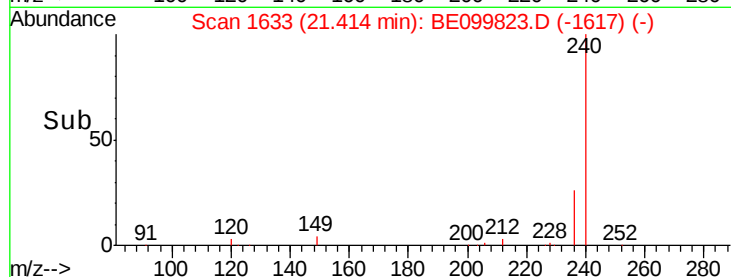
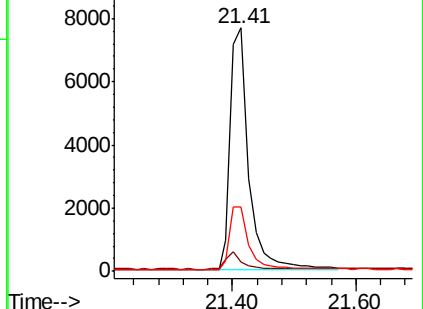
236 26.3 20.9 31.3



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: 0.620 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099823.D

Acq: 6 Jun 2019 15:56

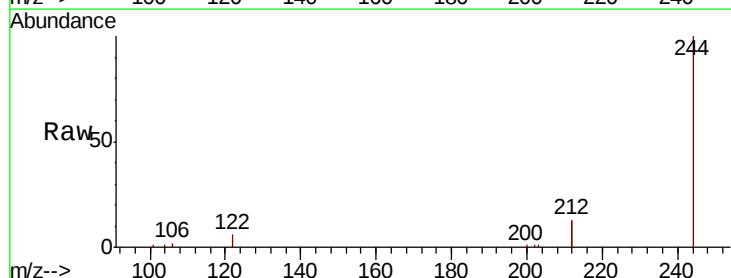
Tgt Ion:244 Resp: 16081

Ion Ratio Lower Upper

244 100

212 26.6 23.7 35.5

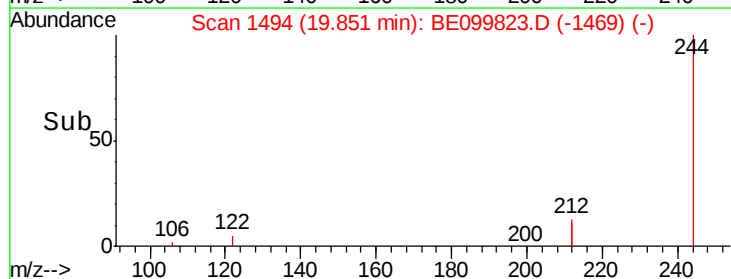
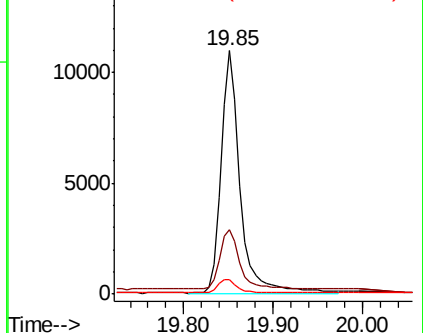
122 5.7 4.8 7.2

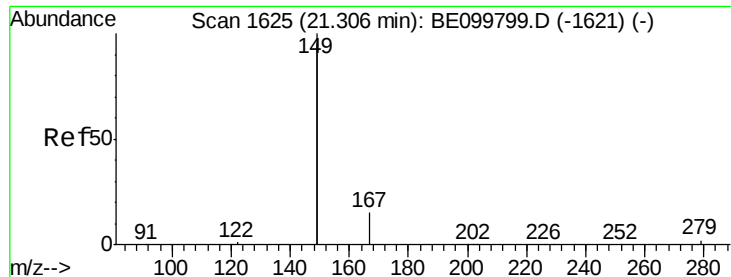


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

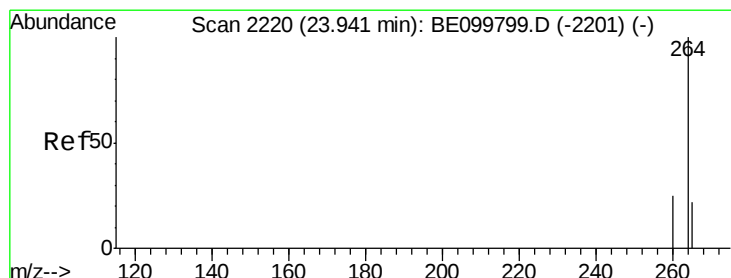
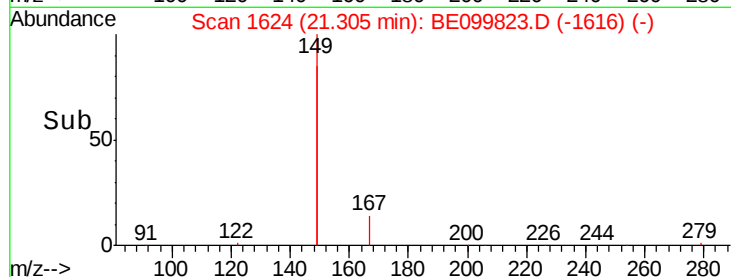
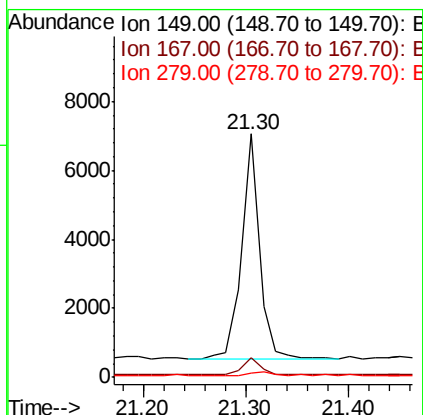
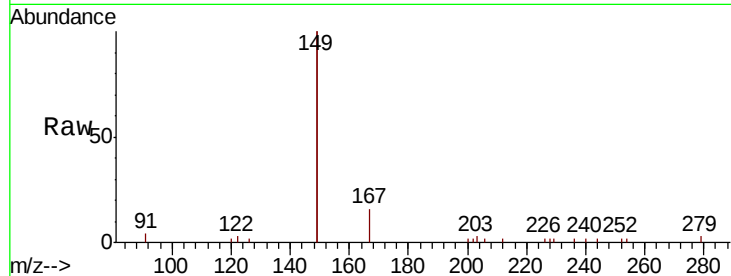




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.30 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE099823.D
 Acq: 6 Jun 2019 15:56

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D1-20190603

Tgt Ion:149 Resp: 7750
 Ion Ratio Lower Upper
 149 100
 167 8.1 6.0 9.0
 279 1.5 1.2 1.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BE099823.D
 Acq: 6 Jun 2019 15:56

Tgt Ion:264 Resp: 18251
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 25.7 20.7 31.1

