

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099828.D
 Acq On : 6 Jun 2019 19:00
 Operator : JU/SJ
 Sample : K3190-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW09-20190603

Quant Time: Jun 07 02:07:12 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

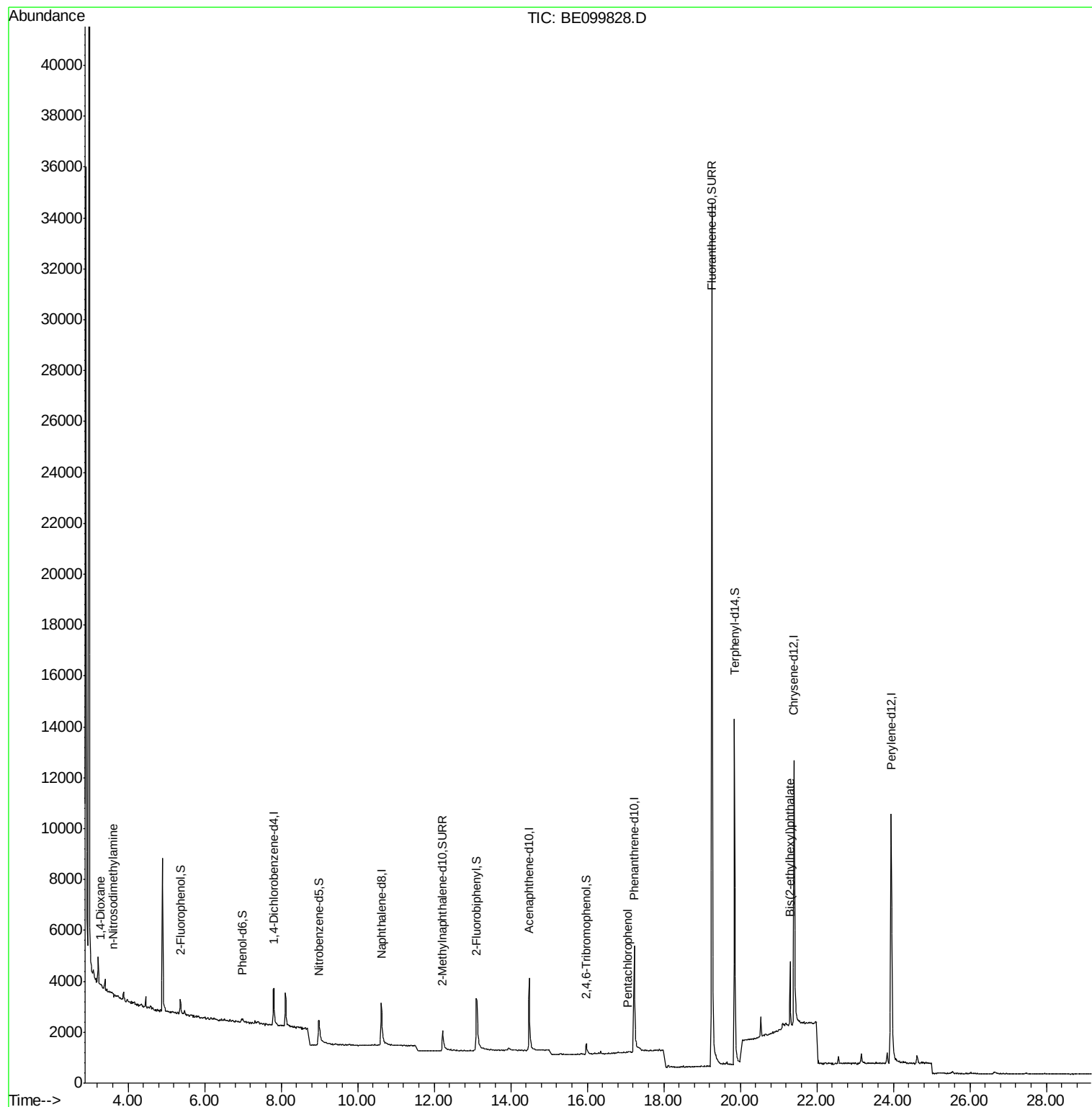
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	994	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3310	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2388	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	8672	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15939	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17849	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	409	0.17	ng	0.00
5) Phenol-d6	6.98	99	305	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1016	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1939	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	449	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	4097	0.46	ng	0.01
25) Fluoranthene-d10	19.26	212	54379	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	14736	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	83	0.058	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	19	0.025	ng	# 1
22) Pentachlorophenol	17.05	266	8	0.284	ng	85
32) Bis(2-ethylhexyl)phthalate	21.31	149	2729	0.054	ng	# 97

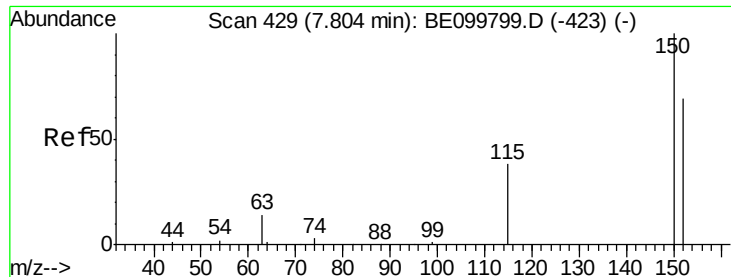
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

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BNA_E

ClientSampleId :

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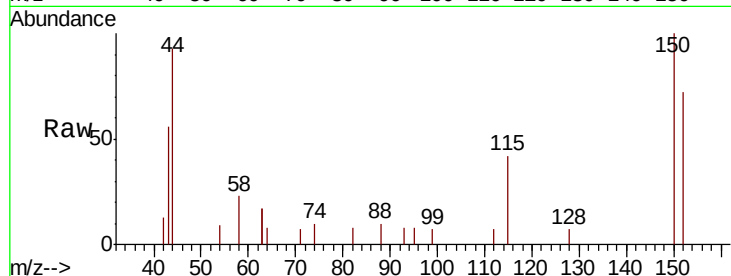
Tgt Ion: 152 Resp: 994

Ion Ratio Lower Upper

152 100

150 138.0 112.8 169.2

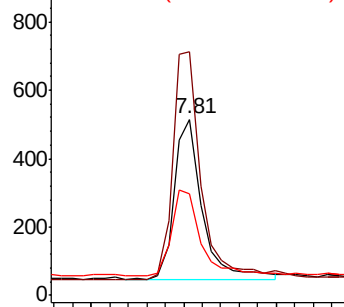
115 57.9 47.6 71.4



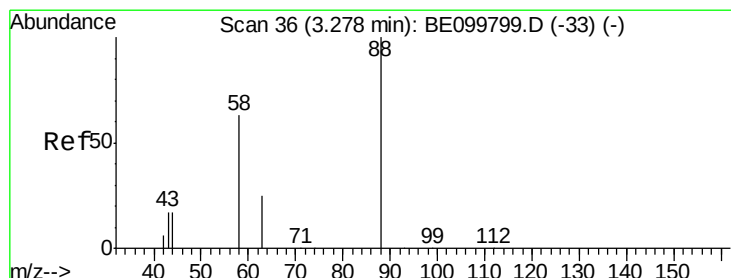
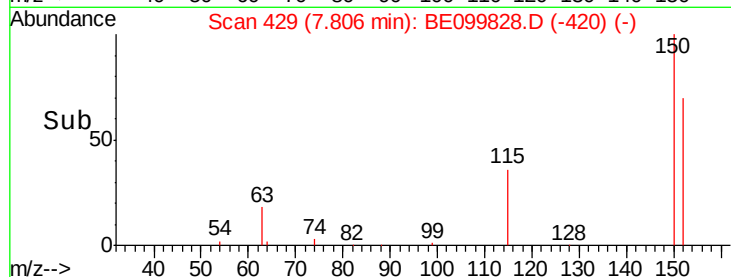
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.058 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

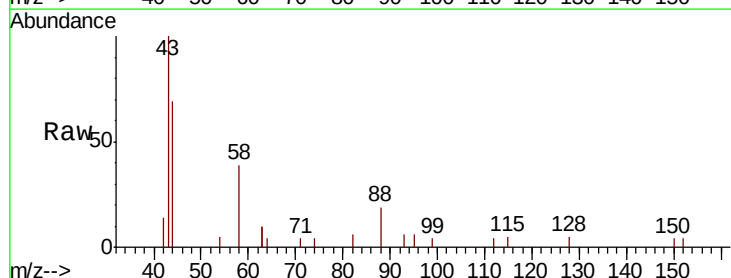
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

58 0.0 47.3 70.9#

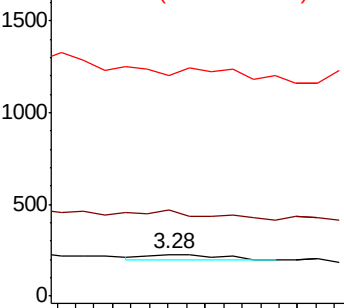
43 134.9 18.2 27.4#



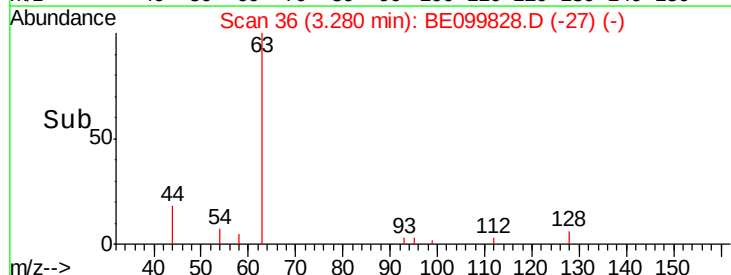
Abundance Ion 88.00 (87.70 to 88.70): BE0

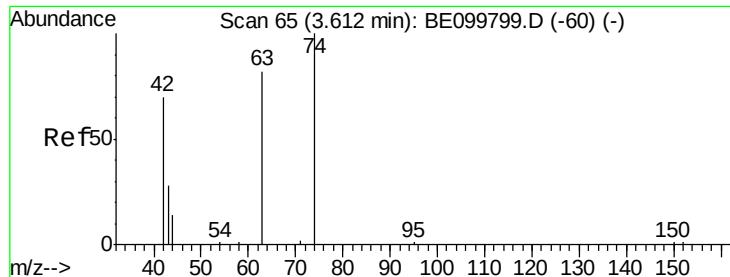
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099828.D

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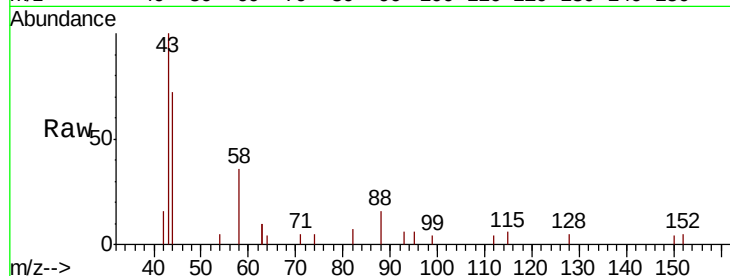
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

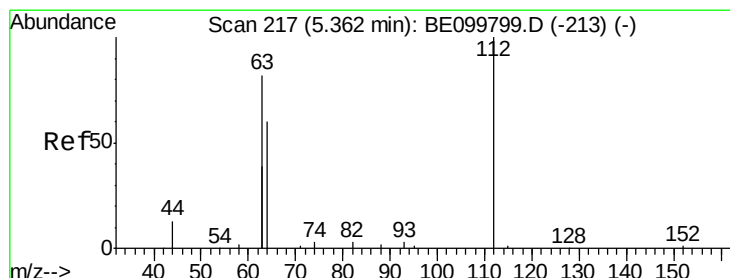
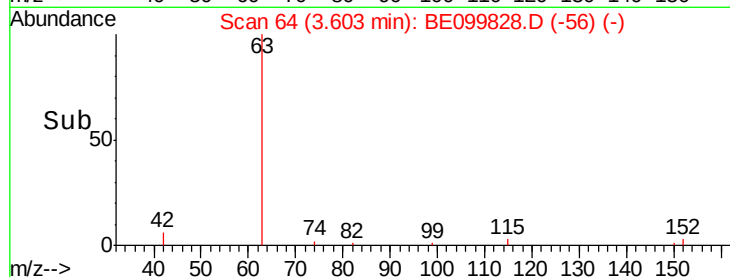
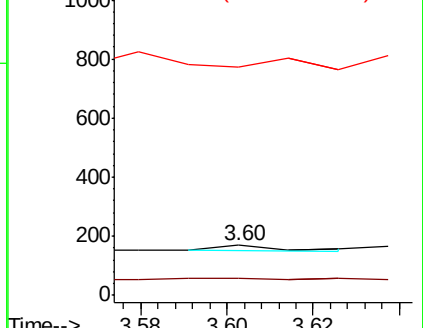
42 100

74 21.1 132.6 198.8#

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: 0.169 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

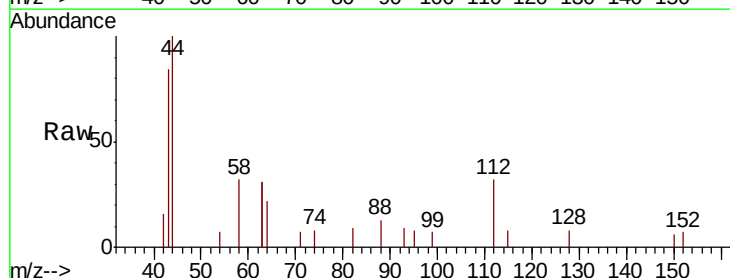
Tgt Ion: 112 Resp: 409

Ion Ratio Lower Upper

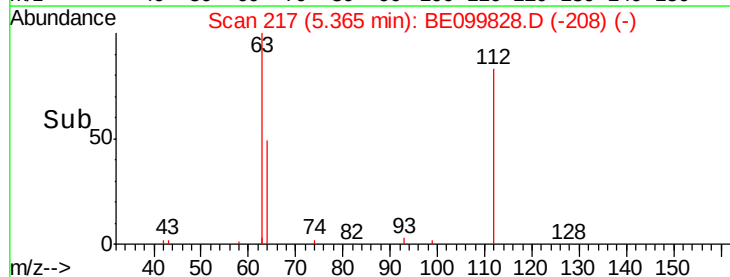
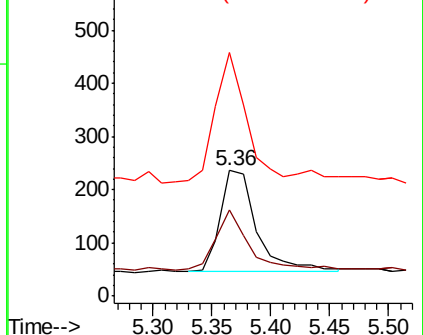
112 100

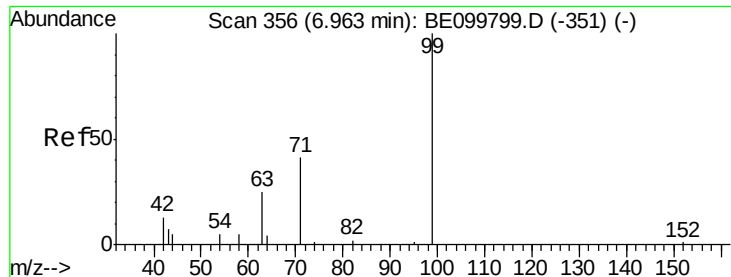
64 55.3 47.2 70.8

63 107.8 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: 0.098 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20190603

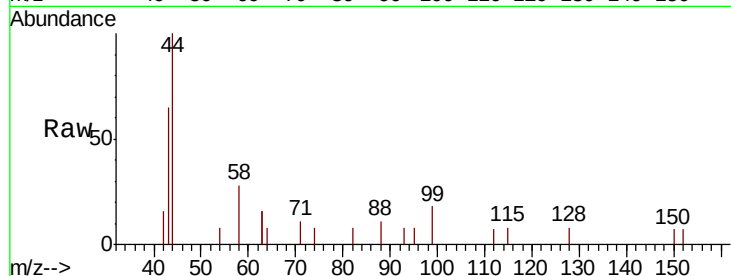
Tgt Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

71 37.7 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

150

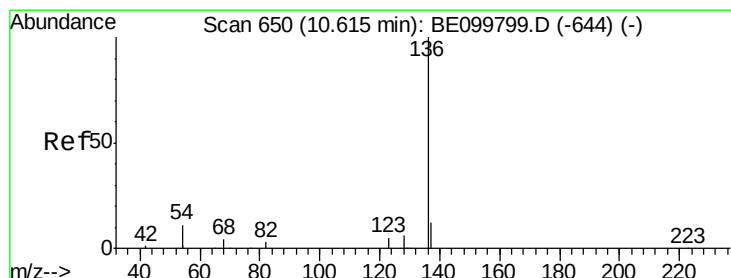
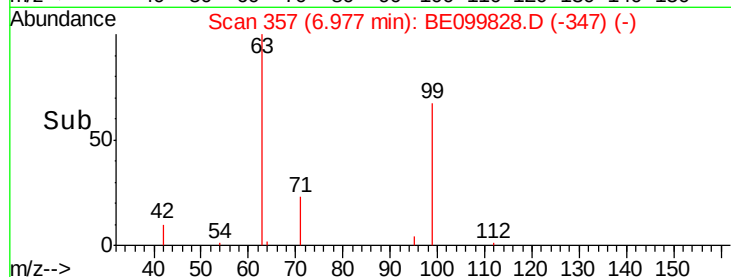
100

50

0

6.80 6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

Tgt Ion: 136 Resp: 3310

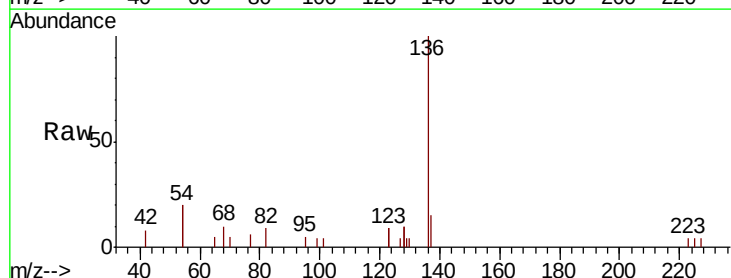
Ion Ratio Lower Upper

136 100

137 15.2 11.1 16.7

54 40.2 17.9 26.9#

68 10.5 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

1500

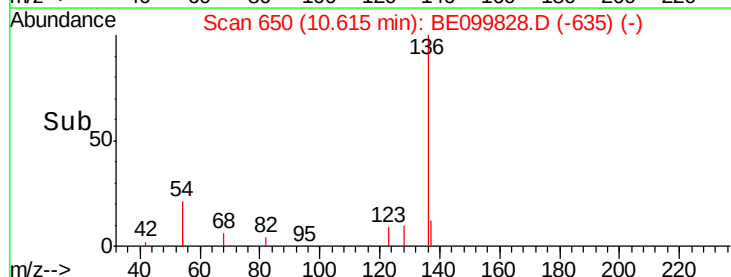
1000

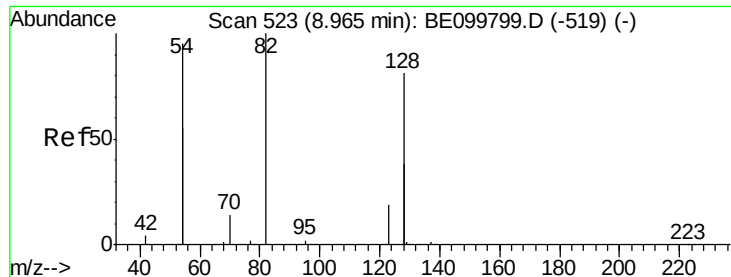
500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.349 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

Instrument :

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BP-TT-AOC22-MW09-20190603

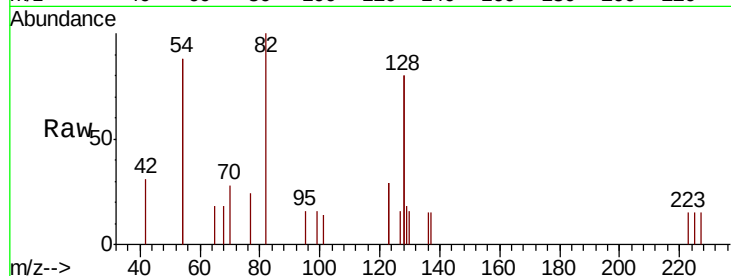
Tgt Ion: 82 Resp: 1016

Ion Ratio Lower Upper

82 100

128 159.9 116.6 175.0

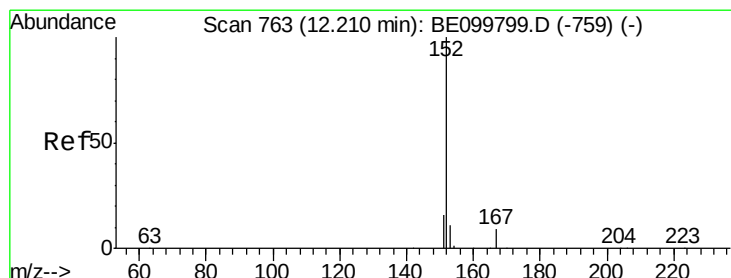
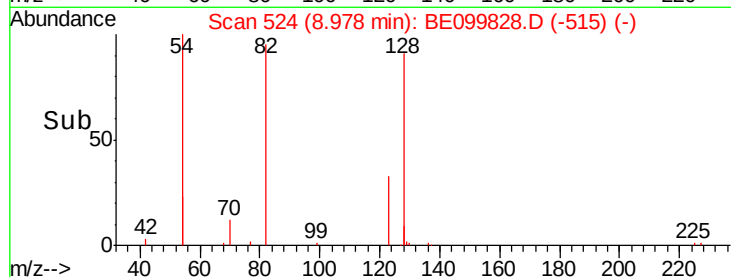
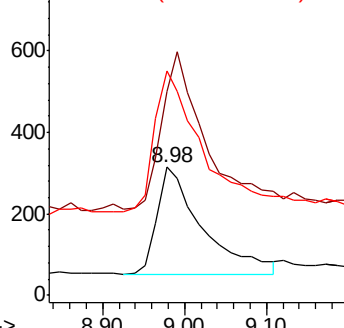
54 175.8 136.2 204.4



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: 0.341 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099828.D

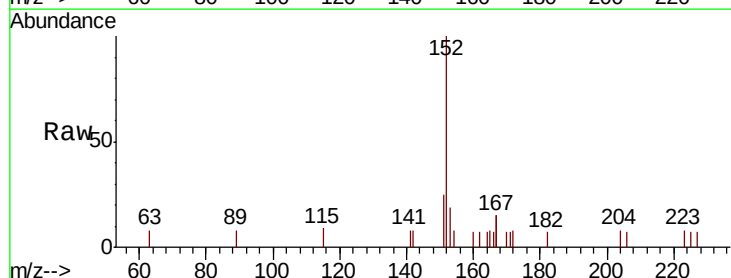
Acq: 6 Jun 2019 19:00

Tgt Ion: 152 Resp: 1939

Ion Ratio Lower Upper

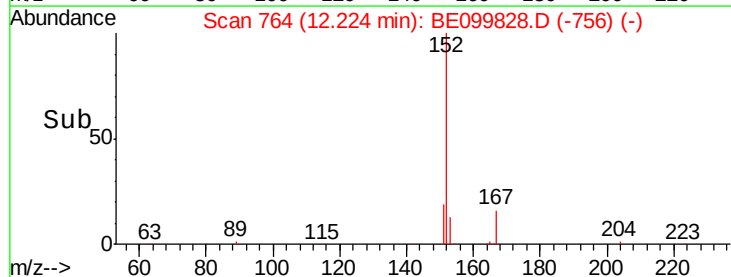
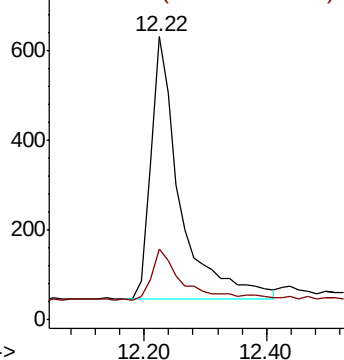
152 100

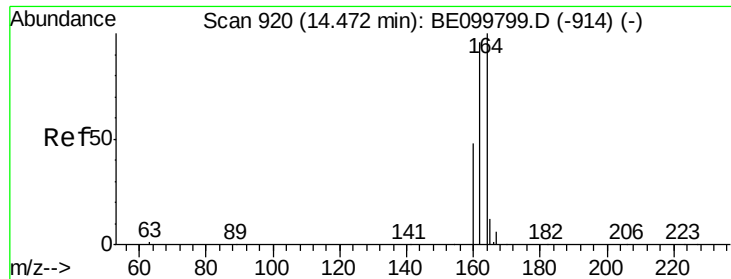
151 19.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

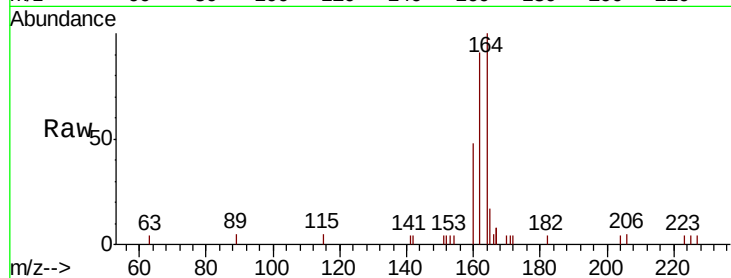




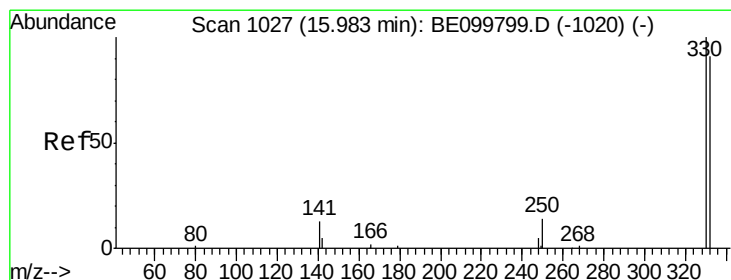
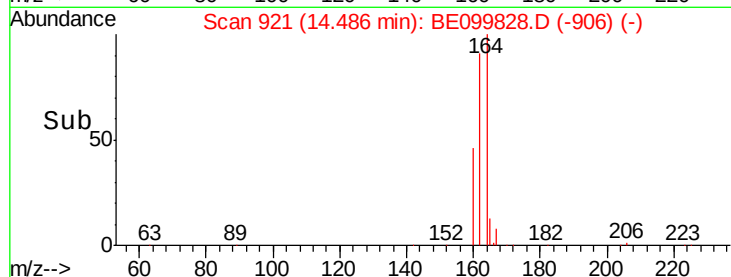
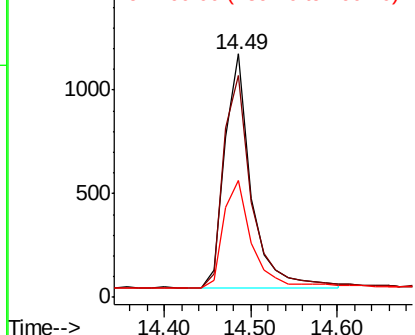
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099828.D
 Acq: 6 Jun 2019 19:00

Instrument :
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Tgt Ion:164 Resp: 2388
 Ion Ratio Lower Upper
 164 100
 162 90.9 77.2 115.8
 160 47.8 39.4 59.2

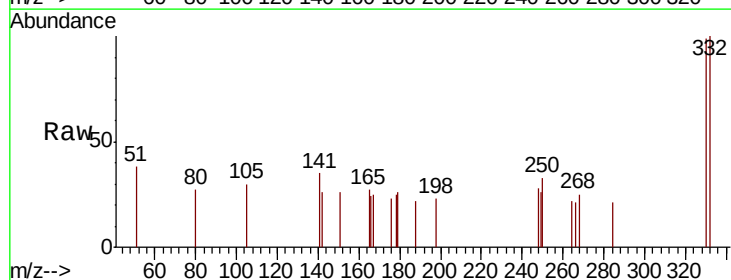


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

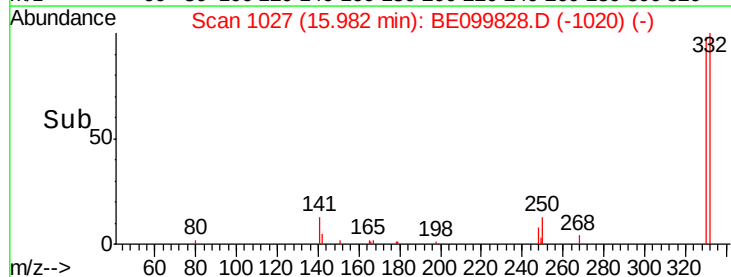
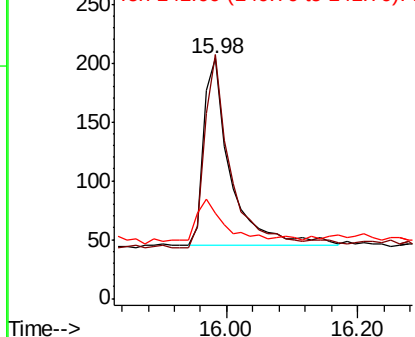


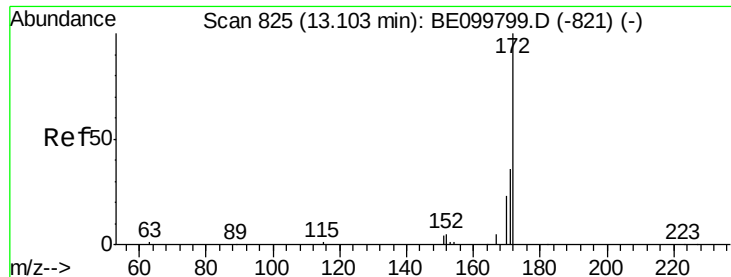
#14
 2,4,6-Tribromophenol
 Concen: 0.381 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099828.D
 Acq: 6 Jun 2019 19:00

Tgt Ion:330 Resp: 449
 Ion Ratio Lower Upper
 330 100
 332 98.9 74.9 112.3
 141 21.4 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

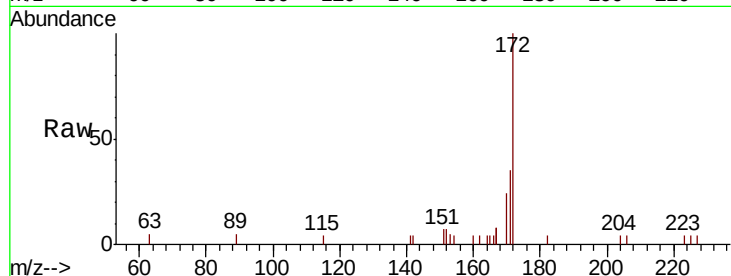




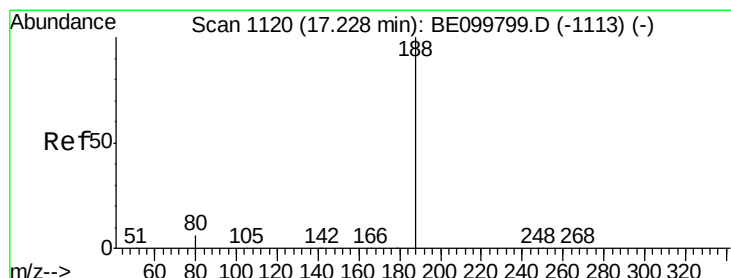
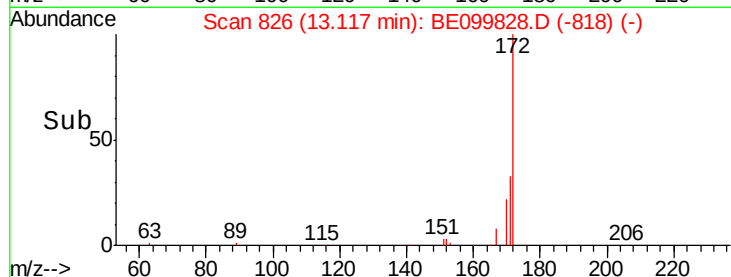
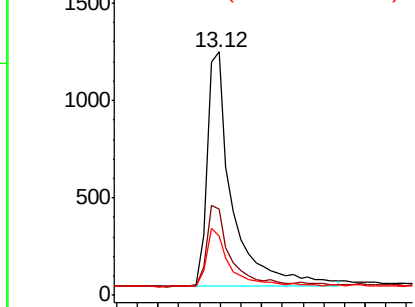
#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099828.D
Acq: 6 Jun 2019 19:00

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 4097
Ion Ratio Lower Upper
172 100
171 35.4 30.2 45.4
170 24.2 20.1 30.1

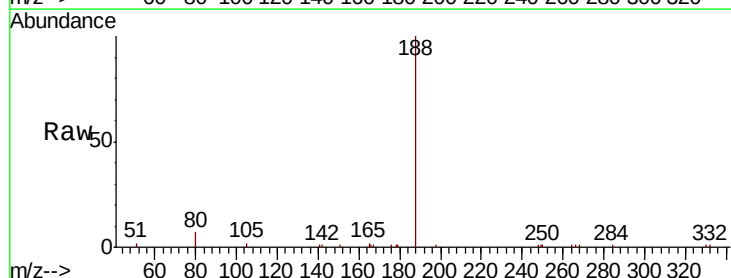


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

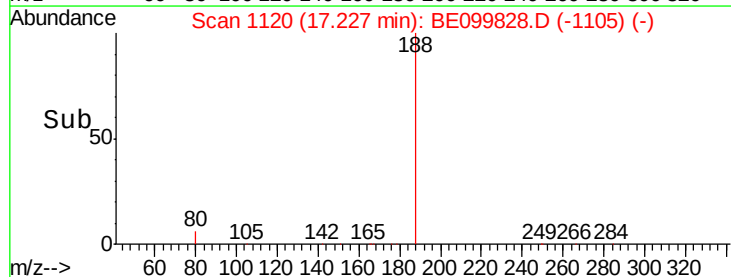
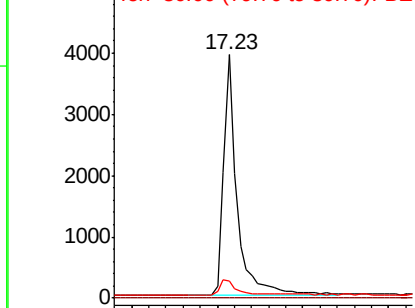


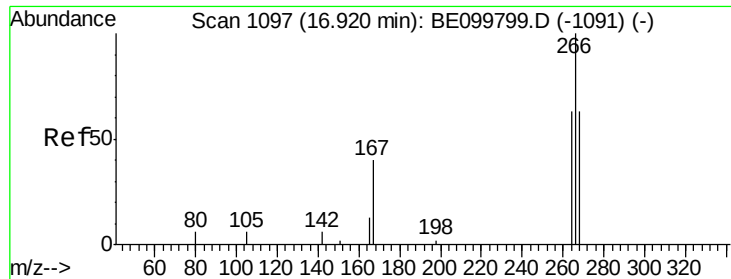
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099828.D
Acq: 6 Jun 2019 19:00

Tgt Ion:188 Resp: 8672
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 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

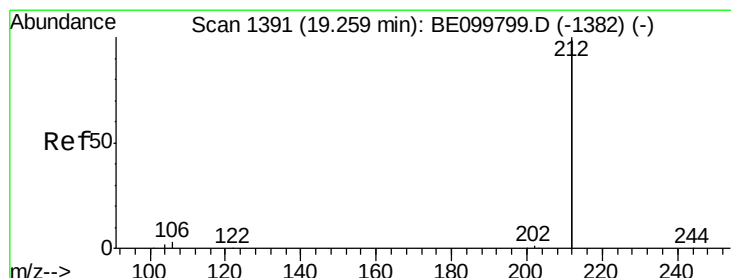
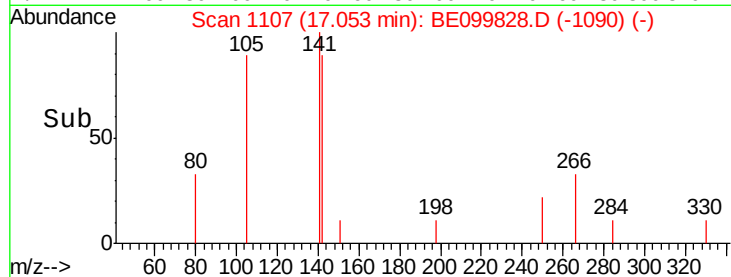
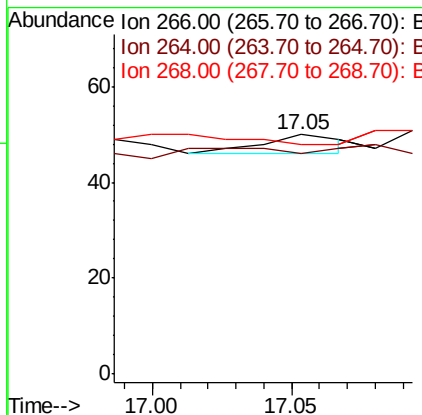
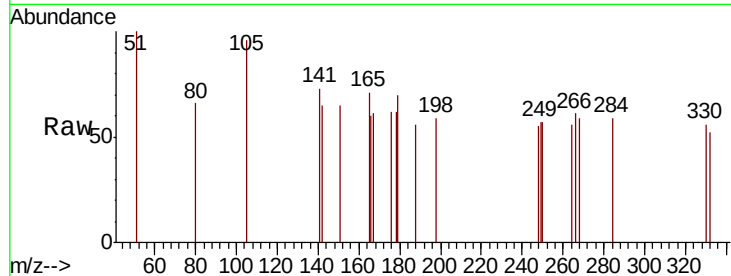




#22
 Pentachlorophenol
 Concen: 0.284 ng
 RT: 17.05 min Scan# 1107
 Delta R.T. 0.13 min
 Lab File: BE099828.D
 Acq: 6 Jun 2019 19:00

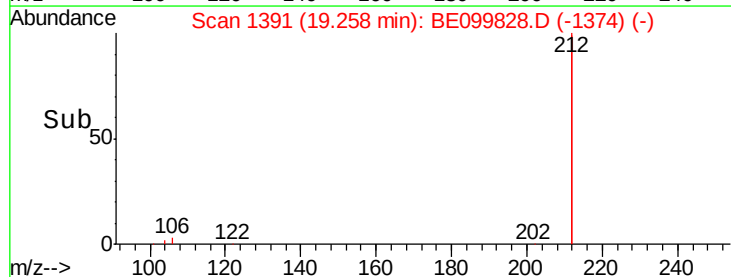
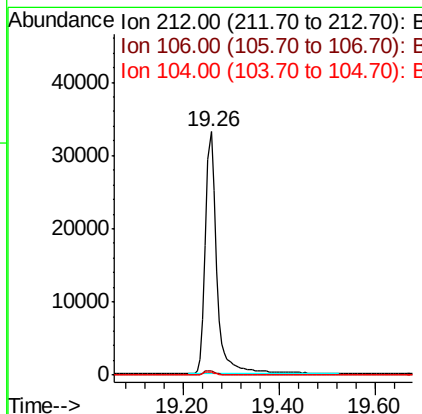
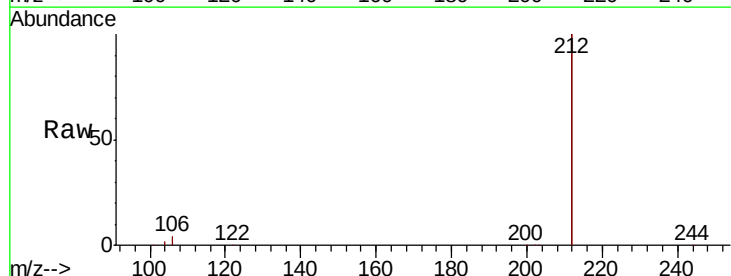
Instrument :
 BNA_E
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 BP-TT-AOC22-MW09-20190603

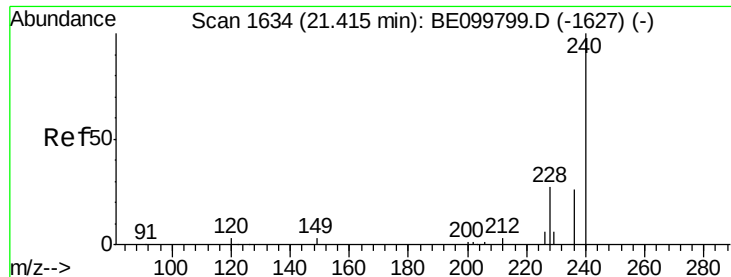
Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 92.0 64.9 97.3
 268 96.0 64.0 96.0



#25
 Fluoranthene-d10
 Concen: 0.422 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BE099828.D
 Acq: 6 Jun 2019 19:00

Tgt Ion: 212 Resp: 54379
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2

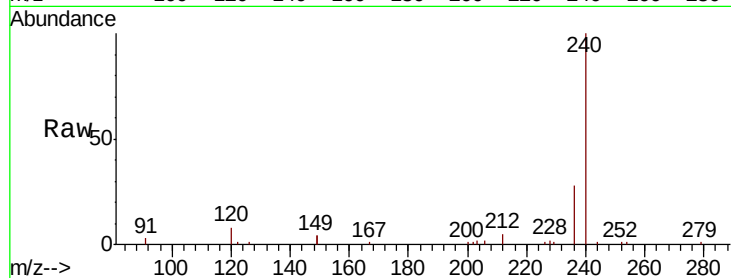




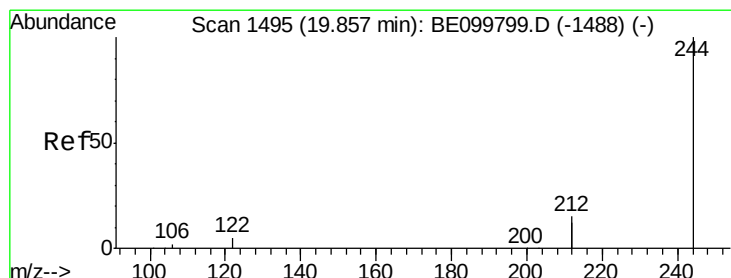
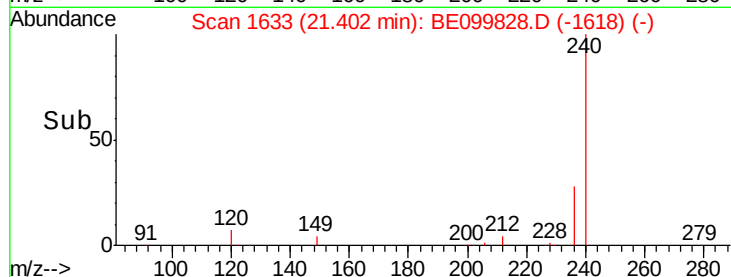
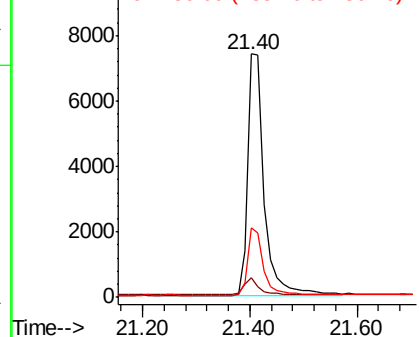
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099828.D
 Acq: 6 Jun 2019 19:00

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW09-20190603

Tgt Ion:240 Resp: 15939
 Ion Ratio Lower Upper
 240 100
 120 8.0 2.8 4.2#
 236 28.3 20.9 31.3

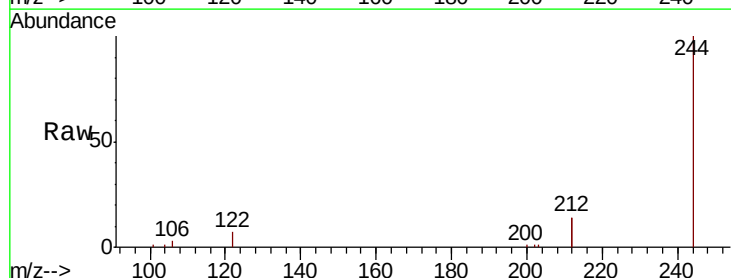


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

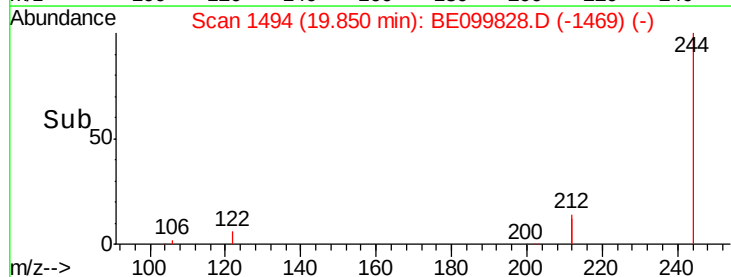
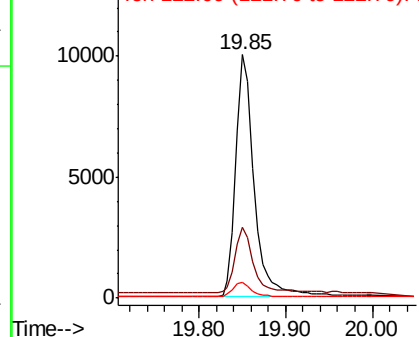


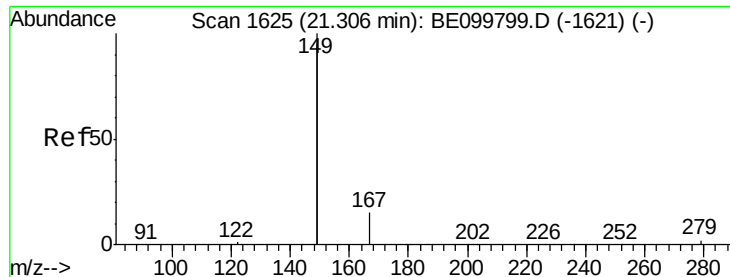
#29
 Terphenyl-d14
 Concen: 0.564 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BE099828.D
 Acq: 6 Jun 2019 19:00

Tgt Ion:244 Resp: 14736
 Ion Ratio Lower Upper
 244 100
 212 28.8 23.7 35.5
 122 6.5 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: 0.054 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20190603

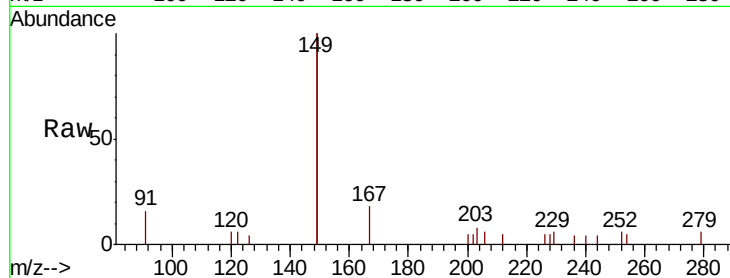
Tgt Ion:149 Resp: 2729

Ion Ratio Lower Upper

149 100

167 8.6 6.0 9.0

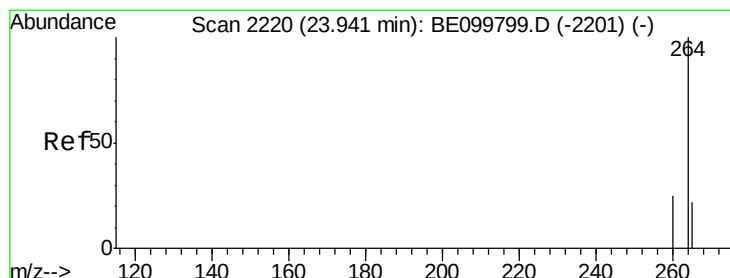
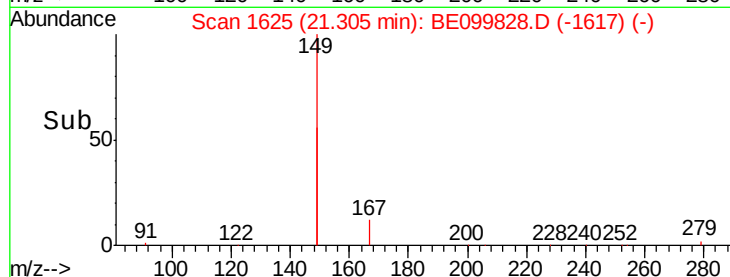
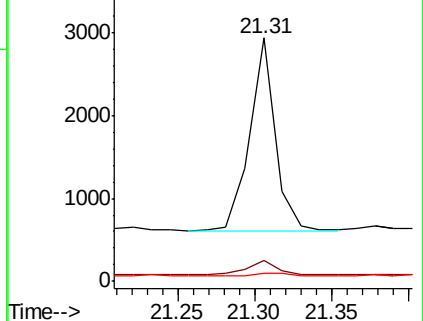
279 2.1 1.2 1.8#



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. -0.00 min

Lab File: BE099828.D

Acq: 6 Jun 2019 19:00

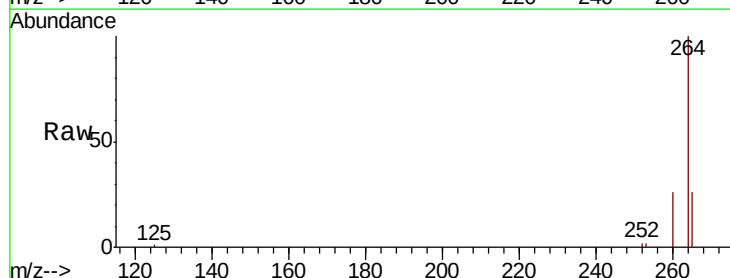
Tgt Ion:264 Resp: 17849

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 25.9 20.7 31.1



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

