

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099834.D
 Acq On : 6 Jun 2019 22:38
 Operator : JU/SJ
 Sample : K3190-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304I2-20190604

Quant Time: Jun 07 02:08:09 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	1173	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4088	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3077	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	10186	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17784	0.40	ng	0.00
34) Perylene-d12	23.95	264	20811	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	620	0.22	ng	0.00
5) Phenol-d6	6.98	99	446	0.12	ng	0.01
8) Nitrobenzene-d5	8.98	82	1350	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2657	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	721	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4784	0.42	ng	0.00
25) Fluoranthene-d10	19.26	212	62203	0.41	ng	0.00
29) Terphenyl-d14	19.85	244	16174	0.55	ng	0.00

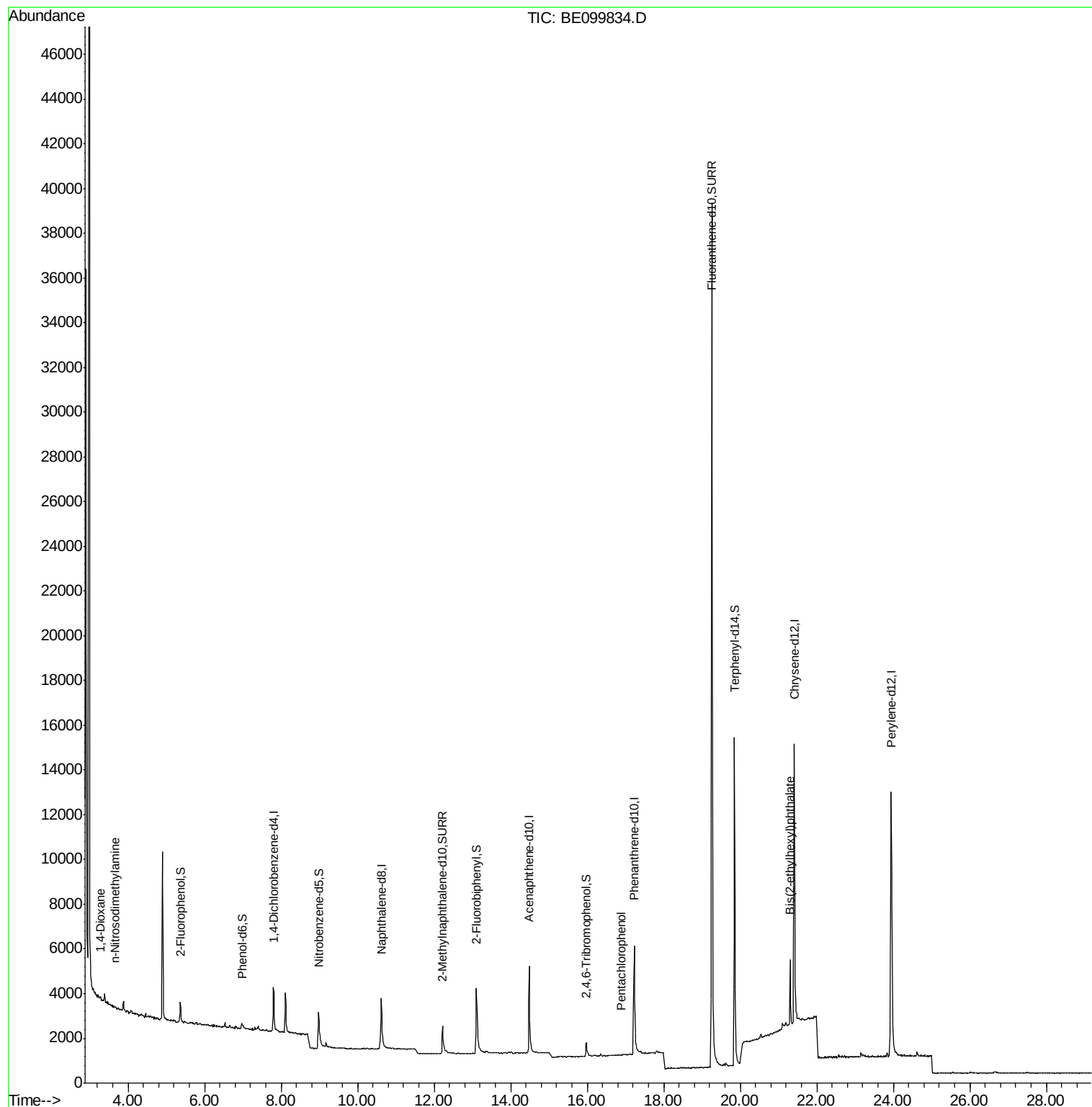
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	100	0.059	ng	# 30
3) n-Nitrosodimethylamine	3.65	42	37	0.041	ng	# 1
22) Pentachlorophenol	16.89	266	16	0.287	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.30	149	3319	0.059	ng	# 97

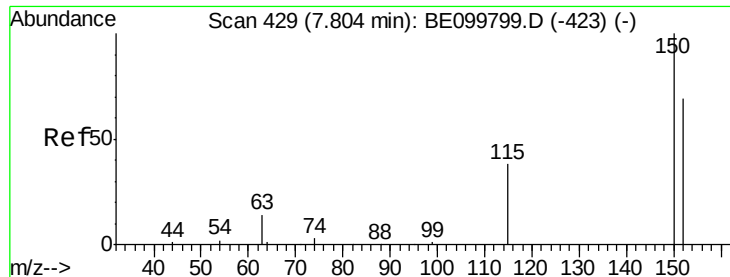
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. -0.01 min

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ClientSampleId :

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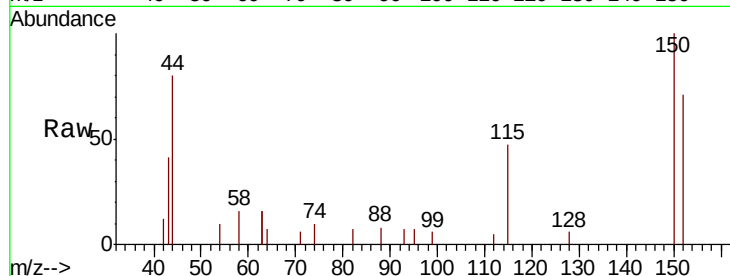
Tgt Ion:152 Resp: 1173

Ion Ratio Lower Upper

152 100

150 140.8 112.8 169.2

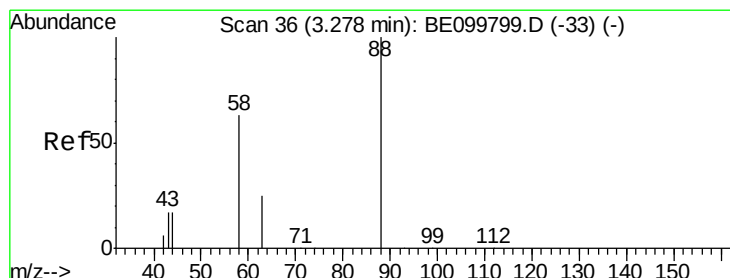
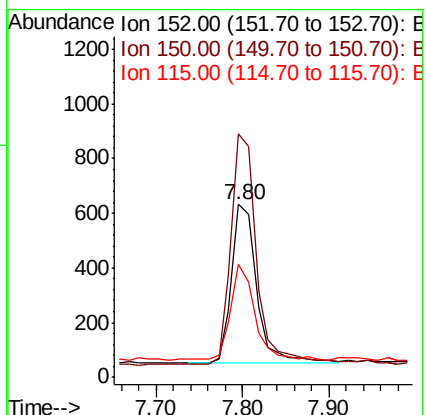
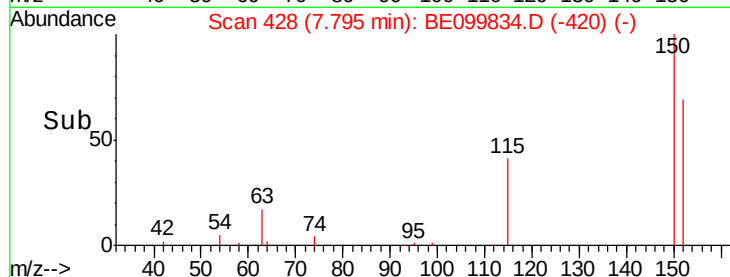
115 65.6 47.6 71.4



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: BE099834.D

Acq: 6 Jun 2019 22:38

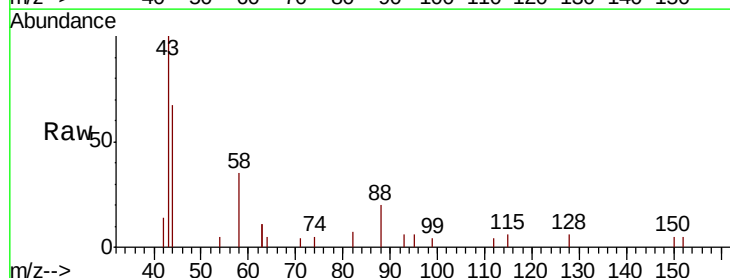
Tgt Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

58 0.0 47.3 70.9#

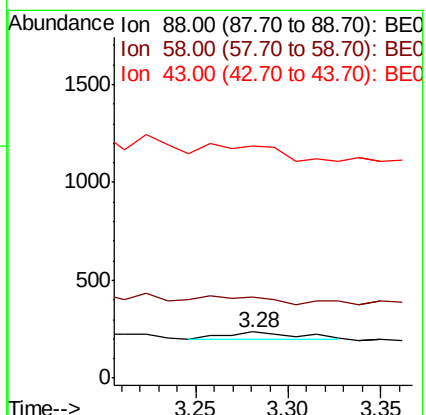
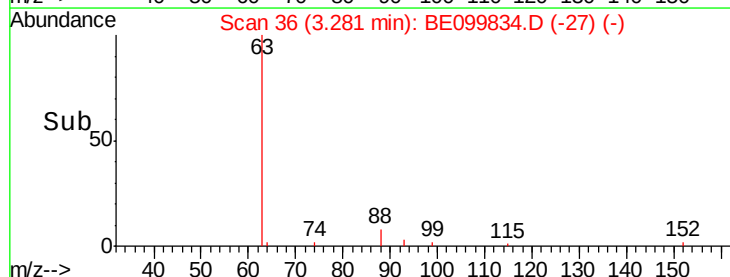
43 0.0 18.2 27.4#

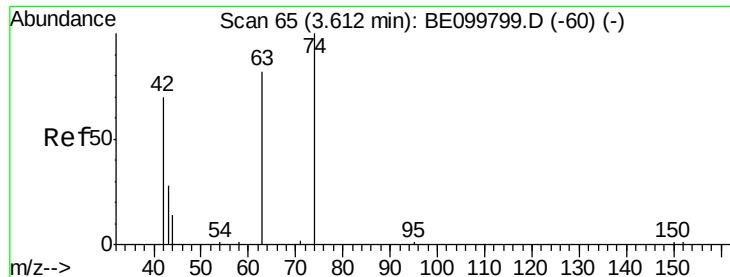


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.041 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.04 min

Lab File: BE099834.D

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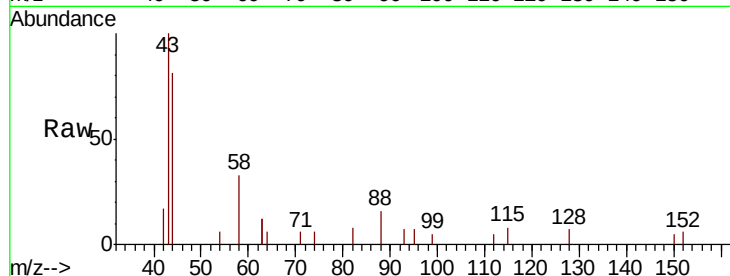
Tgt Ion: 42 Resp: 37

Ion Ratio Lower Upper

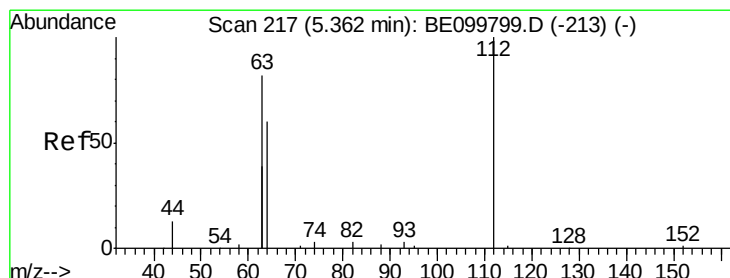
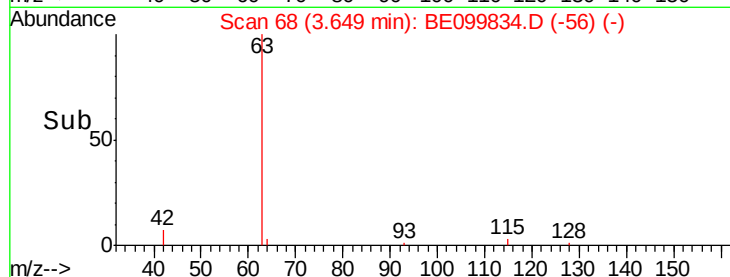
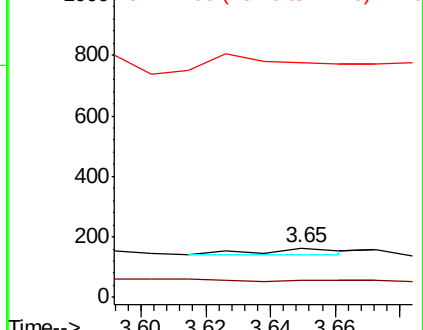
42 100

74 0.0 132.6 198.8#

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: 0.217 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099834.D

Acq: 6 Jun 2019 22:38

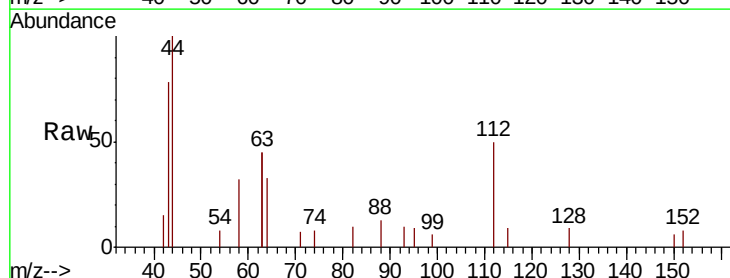
Tgt Ion: 112 Resp: 620

Ion Ratio Lower Upper

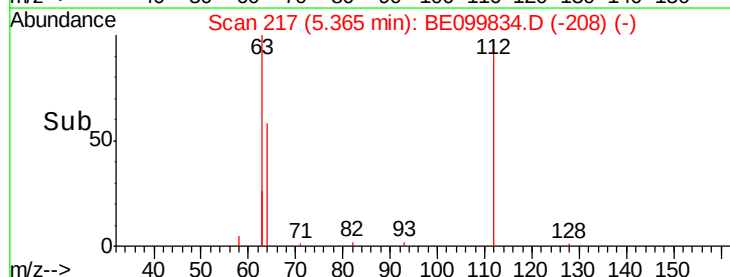
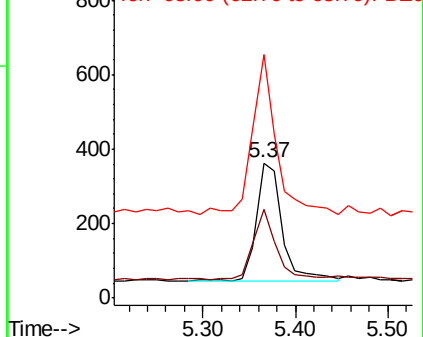
112 100

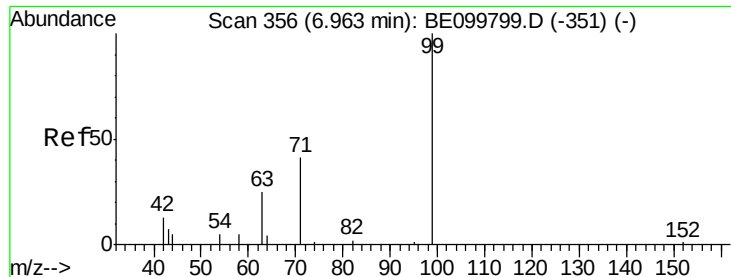
64 54.8 47.2 70.8

63 122.9 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: 0.121 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099834.D

Acq: 6 Jun 2019 22:38

Instrument :

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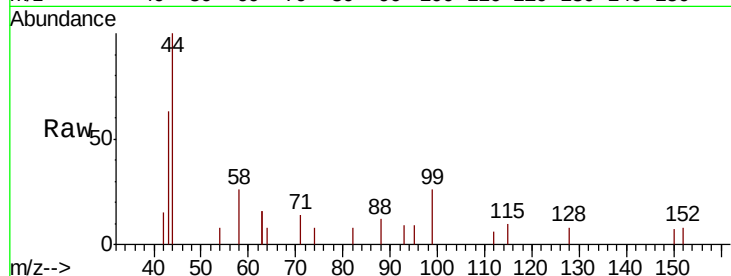
Tgt Ion: 99 Resp: 446

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.4

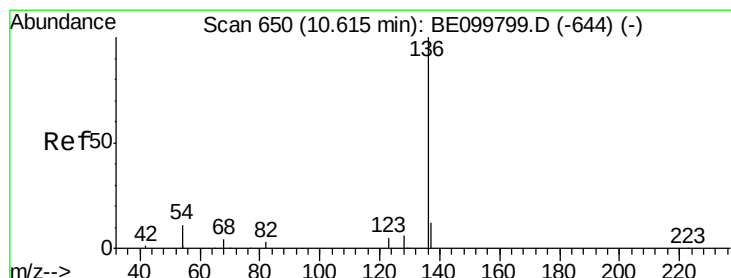
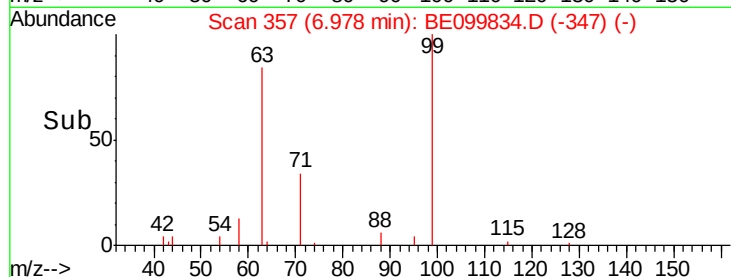
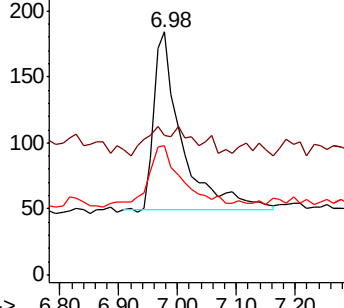
71 43.7 26.1 39.1#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099834.D

Acq: 6 Jun 2019 22:38

Tgt Ion: 136 Resp: 4088

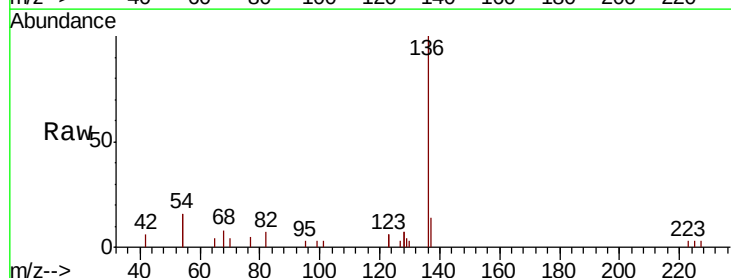
Ion Ratio Lower Upper

136 100

137 14.0 11.1 16.7

54 32.4 17.9 26.9#

68 8.5 5.4 8.0#

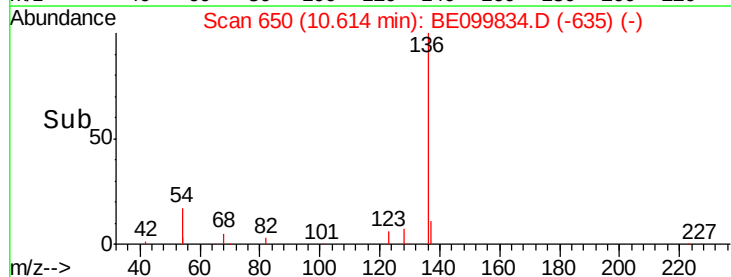
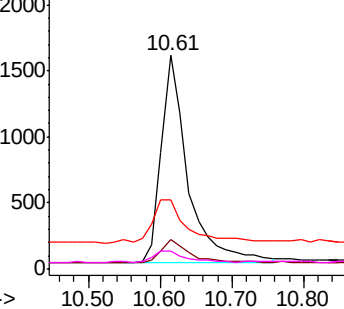


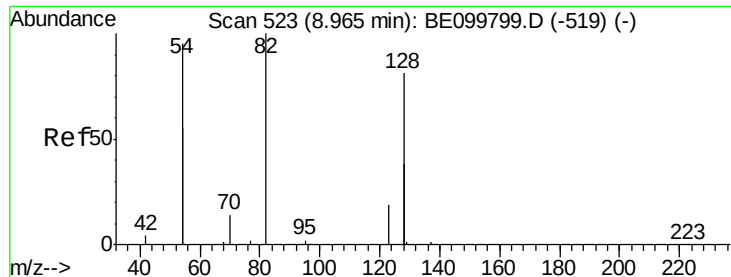
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099834.D

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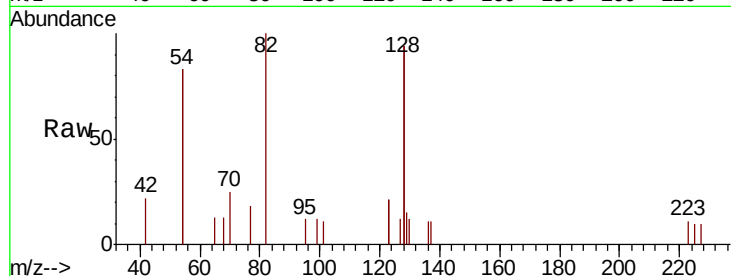
Tgt Ion: 82 Resp: 1350

Ion Ratio Lower Upper

82 100

128 187.9 116.6 175.0#

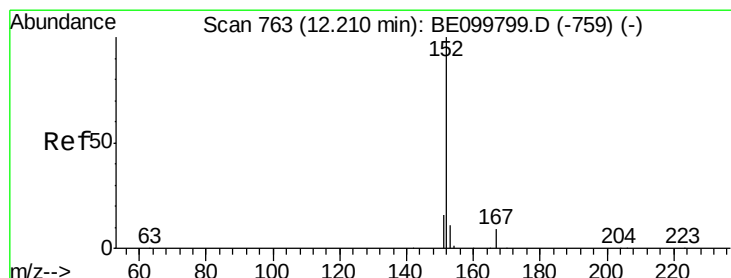
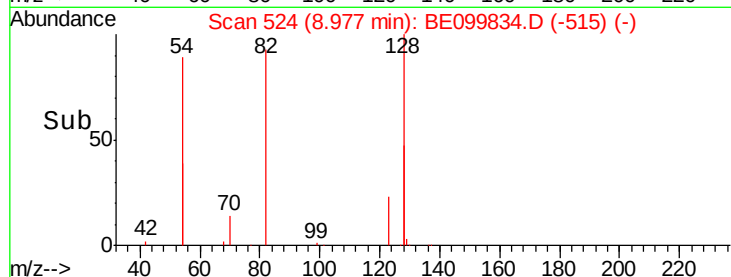
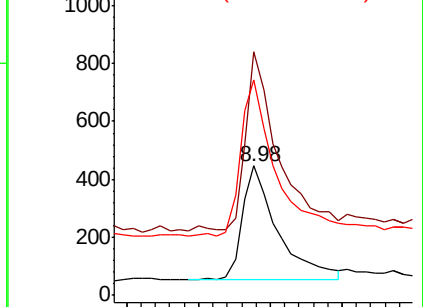
54 166.4 136.2 204.4



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: 0.379 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099834.D

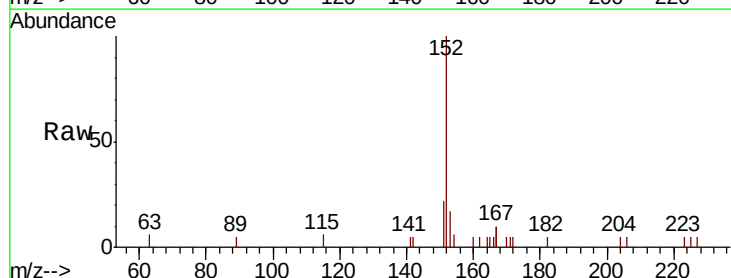
Acq: 6 Jun 2019 22:38

Tgt Ion: 152 Resp: 2657

Ion Ratio Lower Upper

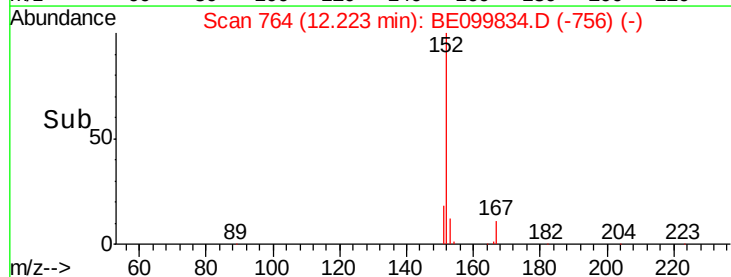
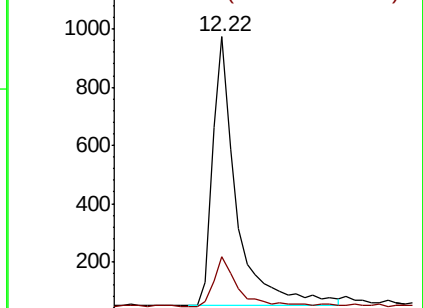
152 100

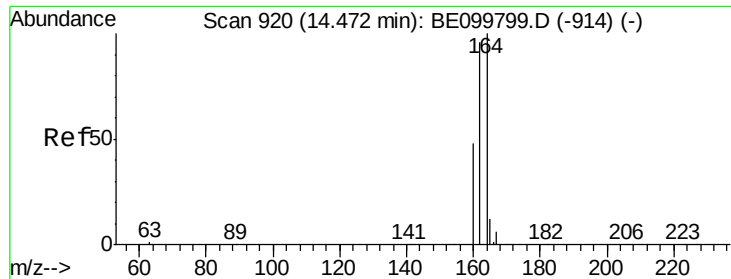
151 17.8 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

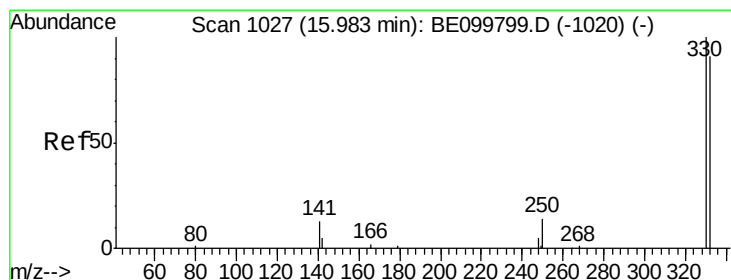
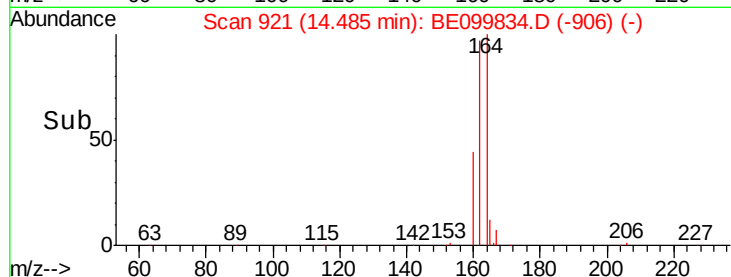
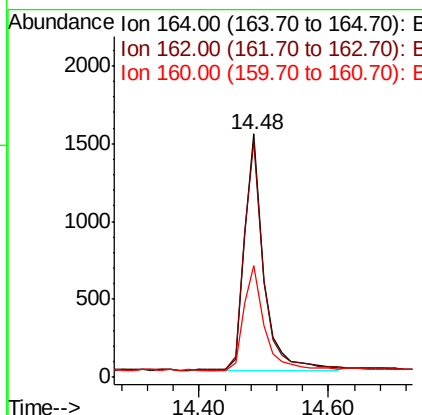
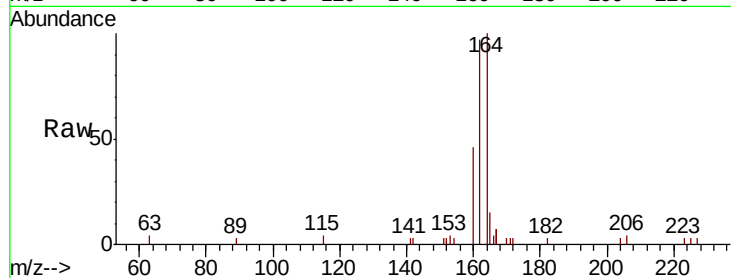




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099834.D
 Acq: 6 Jun 2019 22:38

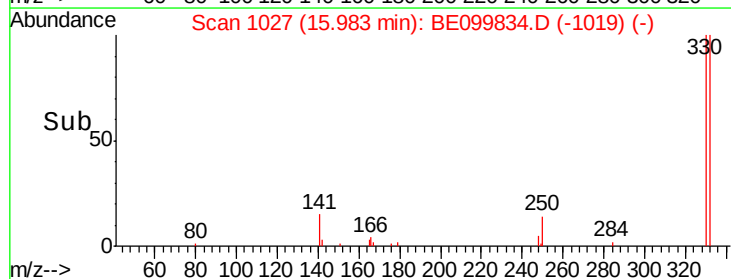
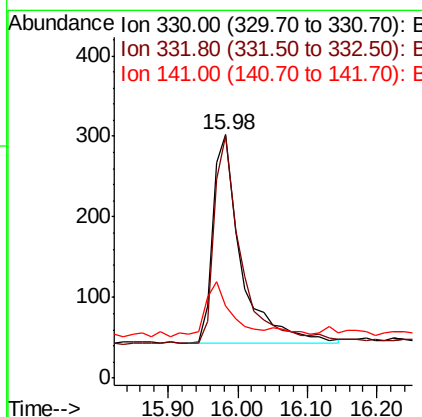
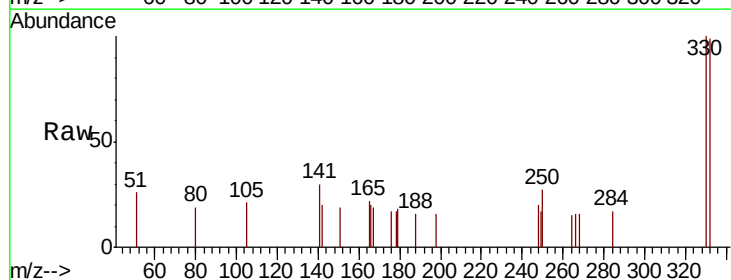
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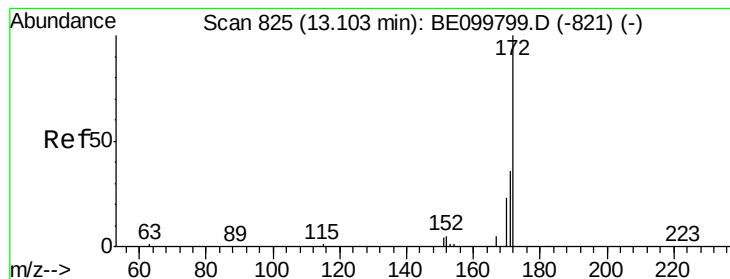
Tgt Ion:164 Resp: 3077
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.2 115.8
 160 46.1 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.440 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099834.D
 Acq: 6 Jun 2019 22:38

Tgt Ion:330 Resp: 721
 Ion Ratio Lower Upper
 330 100
 332 99.6 74.9 112.3
 141 21.6 16.0 24.0

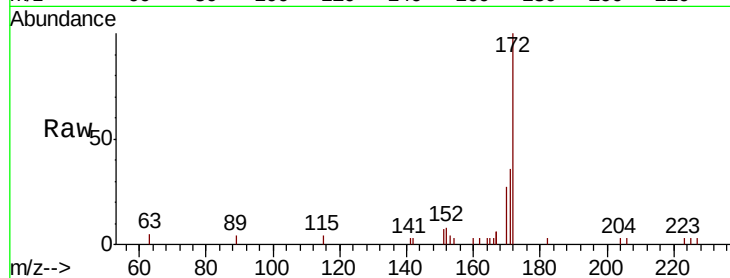




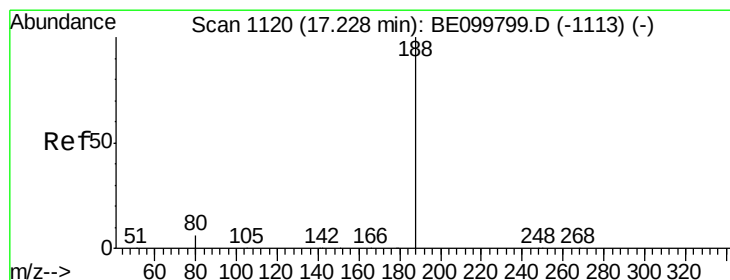
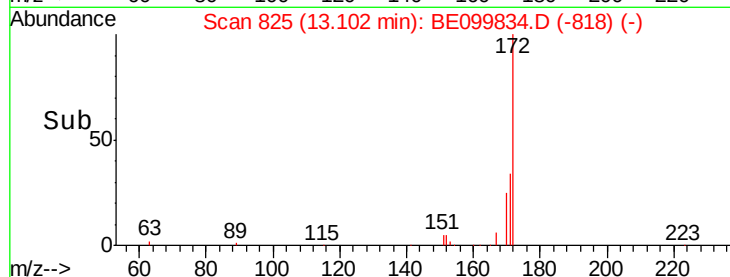
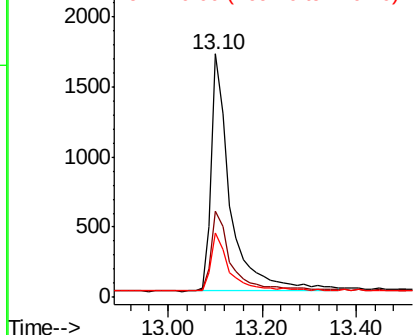
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099834.D
Acq: 6 Jun 2019 22:38

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 4784
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 26.6 20.1 30.1

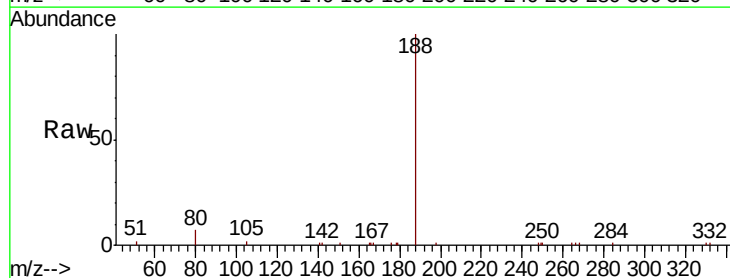


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

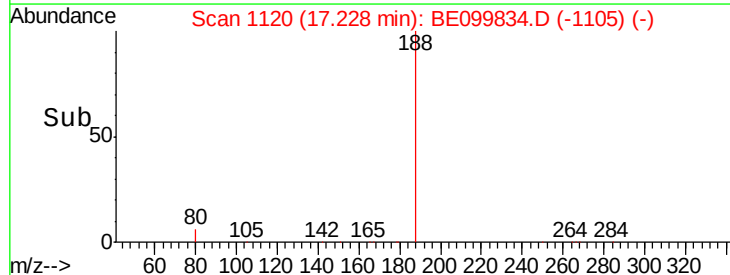
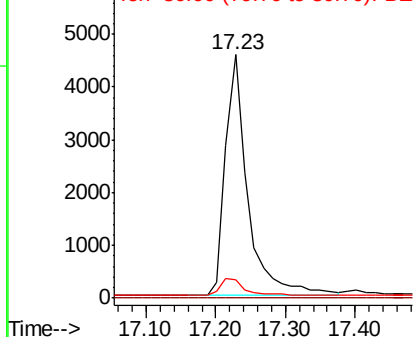


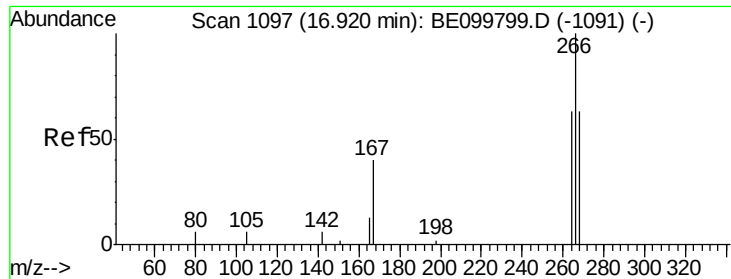
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099834.D
Acq: 6 Jun 2019 22:38

Tgt Ion:188 Resp: 10186
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 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

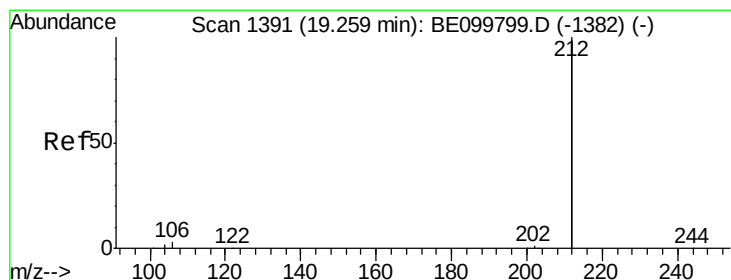
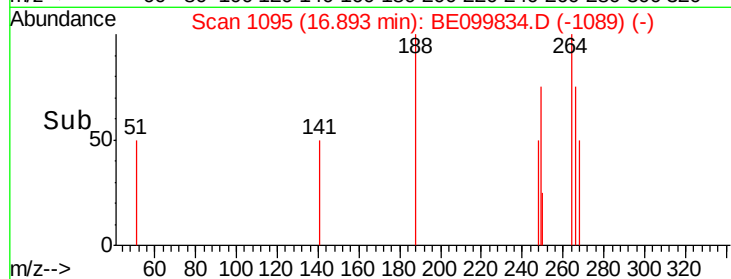
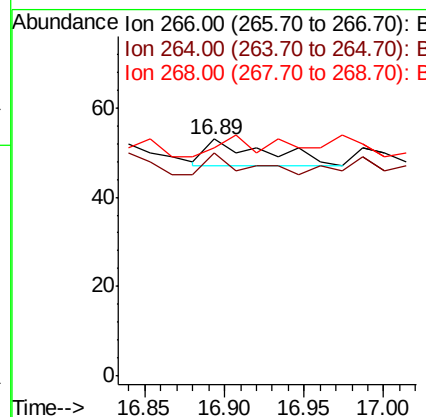
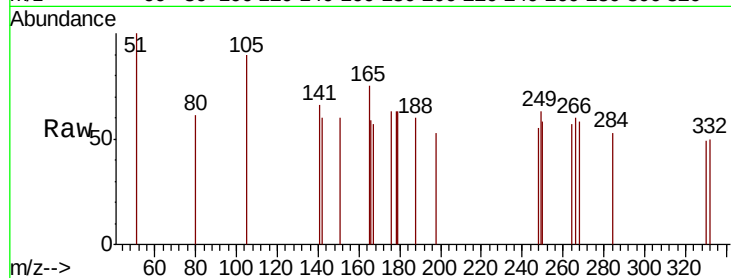




#22
 Pentachlorophenol
 Concen: 0.287 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BE099834.D
 Acq: 6 Jun 2019 22:38

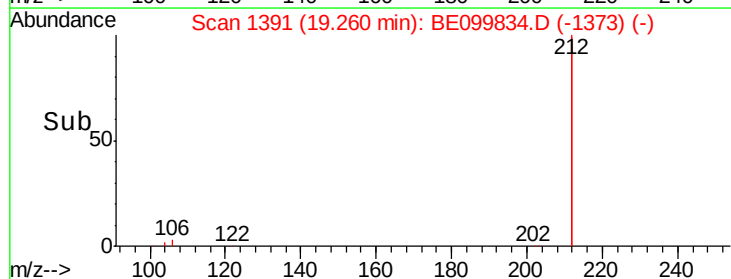
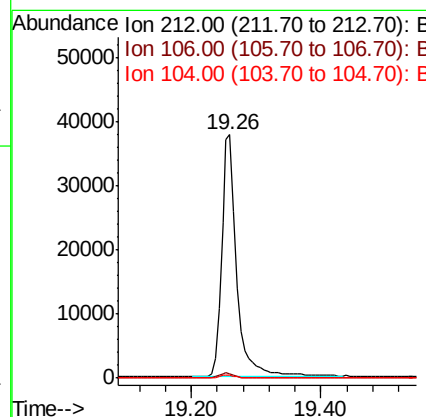
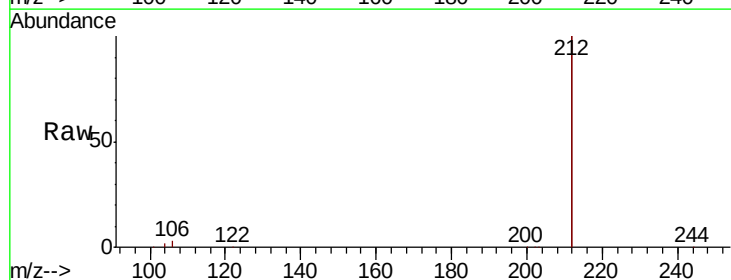
Instrument :
 BNA_E
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 BPS1-TT-MW30412-20190604

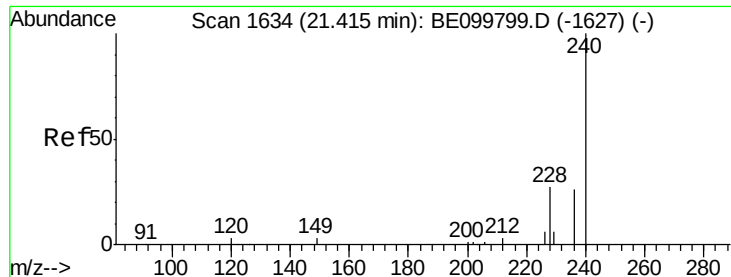
Tgt Ion: 266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 94.3 64.9 97.3
 268 96.2 64.0 96.0#



#25
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BE099834.D
 Acq: 6 Jun 2019 22:38

Tgt Ion: 212 Resp: 62203
 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: BE099834.D

Acq: 6 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190604

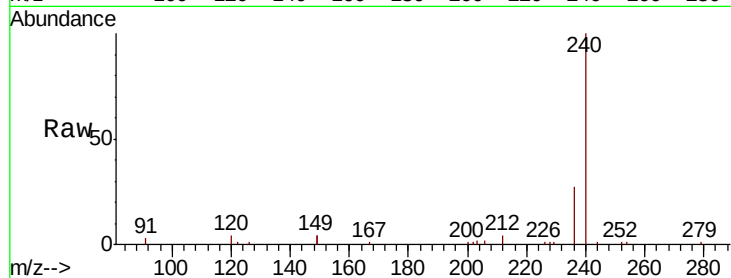
Tgt Ion:240 Resp: 17784

Ion Ratio Lower Upper

240 100

120 3.6 2.8 4.2

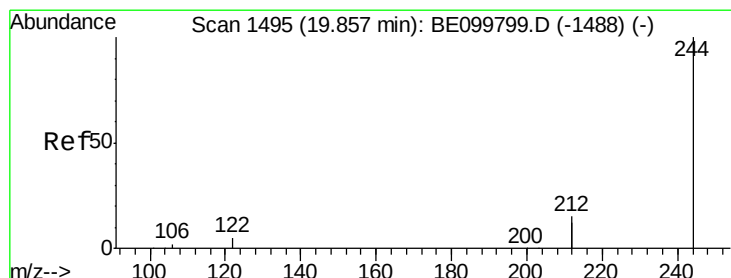
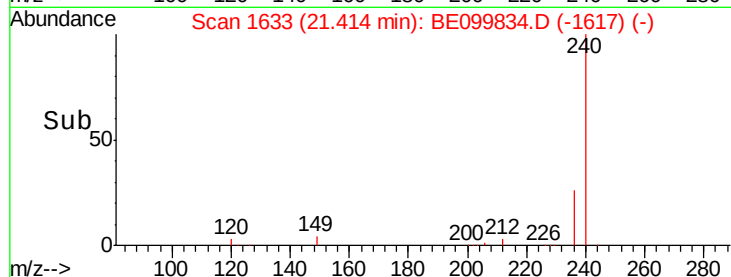
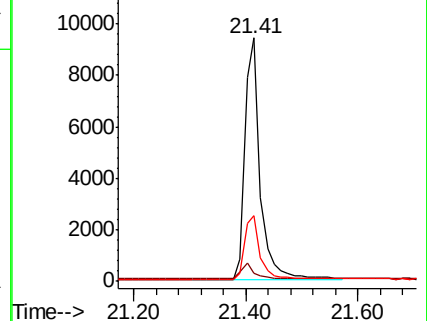
236 26.8 20.9 31.3



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: 0.555 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099834.D

Acq: 6 Jun 2019 22:38

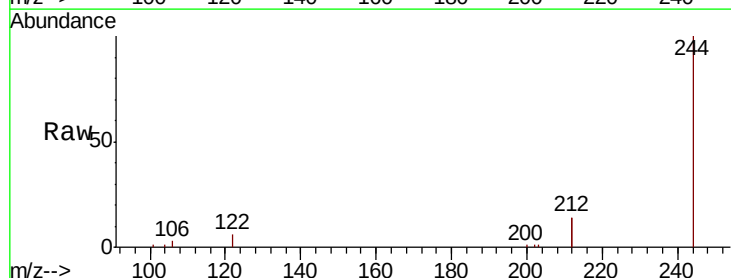
Tgt Ion:244 Resp: 16174

Ion Ratio Lower Upper

244 100

212 28.6 23.7 35.5

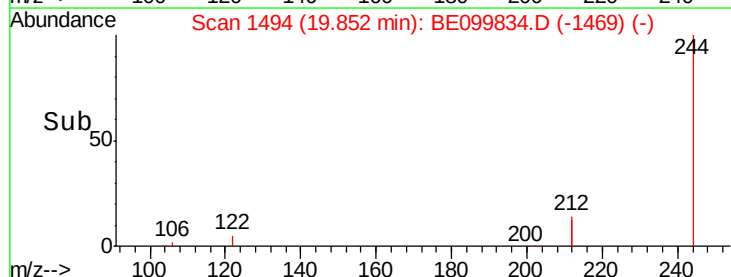
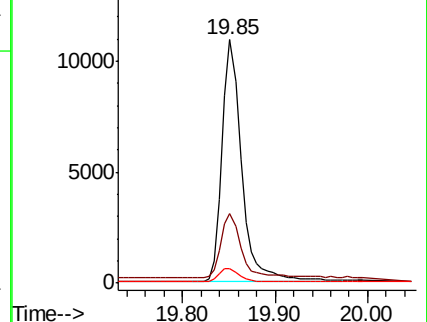
122 5.9 4.8 7.2

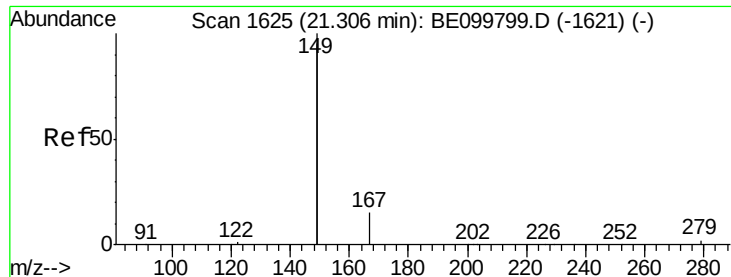


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099834.D

Acq: 6 Jun 2019 22:38

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190604

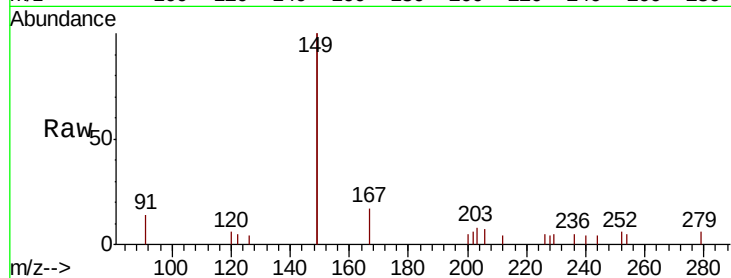
Tgt Ion:149 Resp: 3319

Ion Ratio Lower Upper

149 100

167 8.7 6.0 9.0

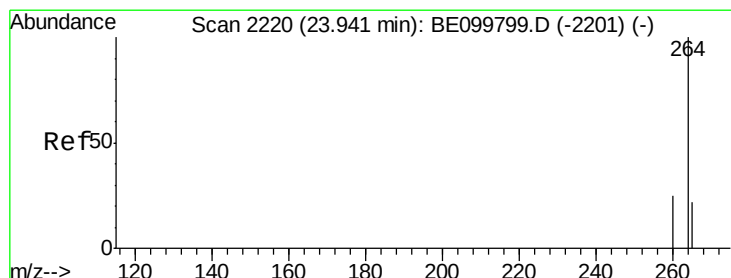
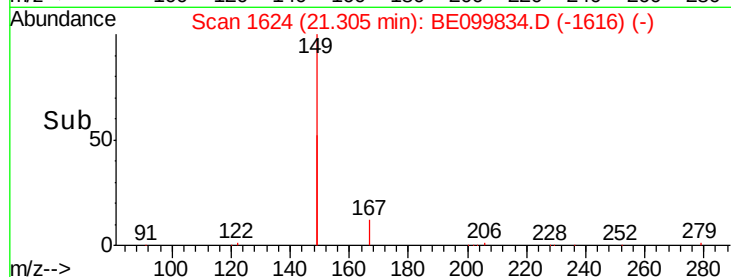
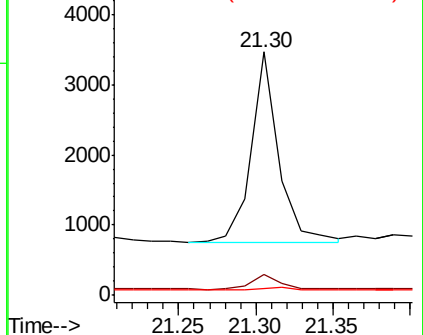
279 1.9 1.2 1.8#



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. 0.01 min

Lab File: BE099834.D

Acq: 6 Jun 2019 22:38

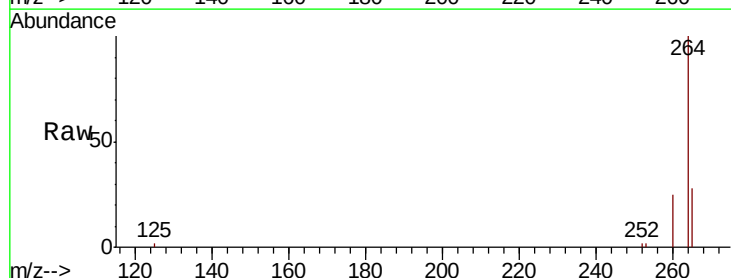
Tgt Ion:264 Resp: 20811

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 28.4 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

