

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099829.D
 Acq On : 6 Jun 2019 19:36
 Operator : JU/SJ
 Sample : K3190-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20190603

Quant Time: Jun 07 02:07:21 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

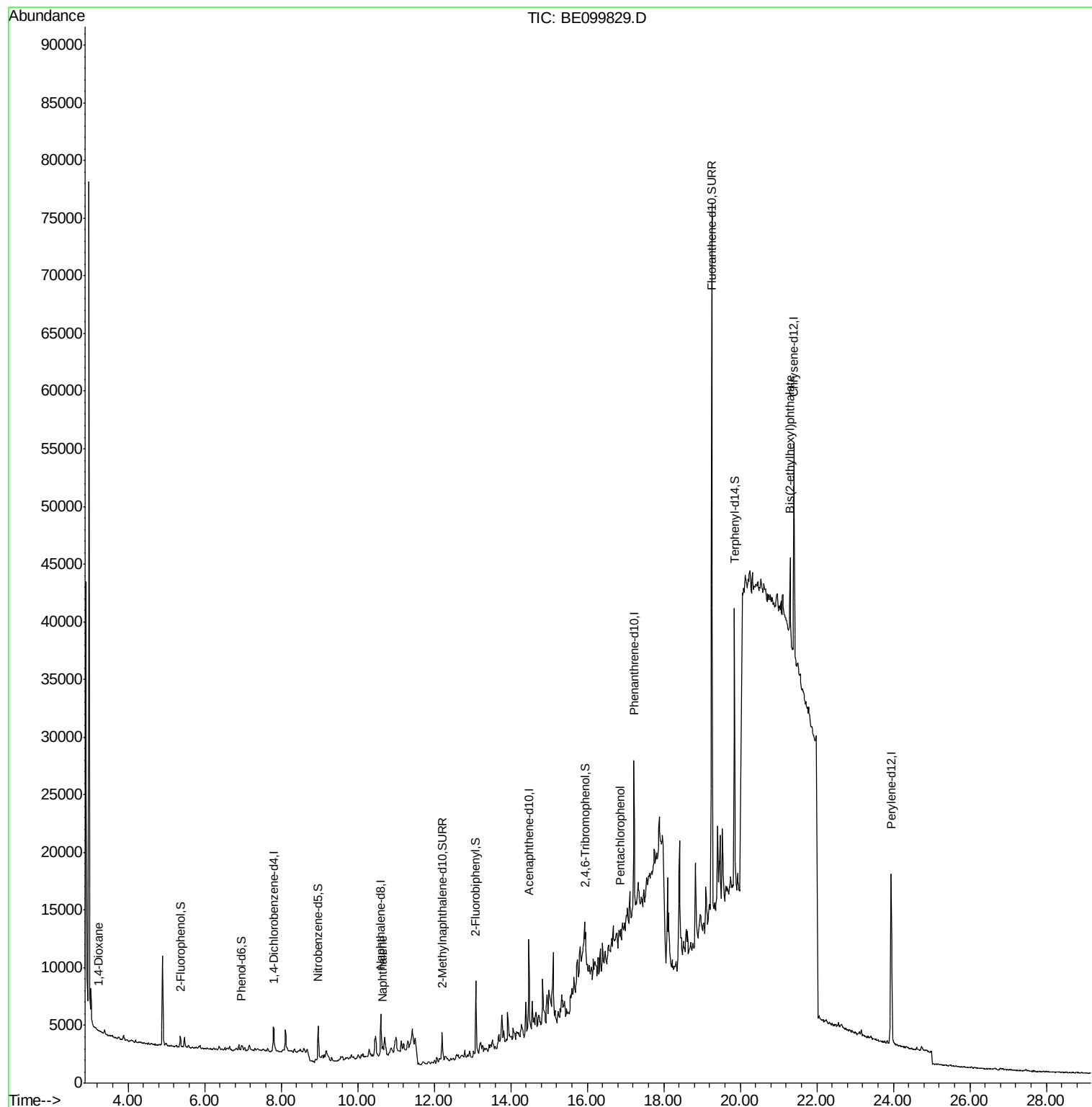
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1248	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4769	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	6304	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	15986	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	20251	0.40	ng	-0.01
34) Perylene-d12	23.94	264	22674	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	701	0.23	ng	0.00
5) Phenol-d6	6.96	99	516	0.13	ng	0.00
8) Nitrobenzene-d5	8.96	82	1546	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3021	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1741	0.49	ng	-0.03
15) 2-Fluorobiphenyl	13.09	172	6553	0.28	ng	-0.02
25) Fluoranthene-d10	19.25	212	82955	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	23589	0.71	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	39	0.022	ng	Qvalue # 30
9) Naphthalene	10.65	128	1048	0.021	ng	# 74
22) Pentachlorophenol	16.87	266	308	0.376	ng	90
32) Bis(2-ethylhexyl)phthalate	21.30	149	11736	0.183	ng	99

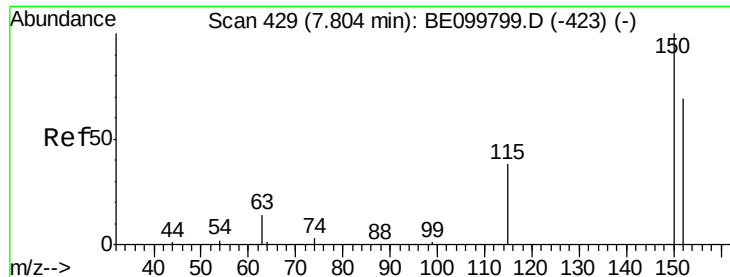
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_E

ClientSampleId :

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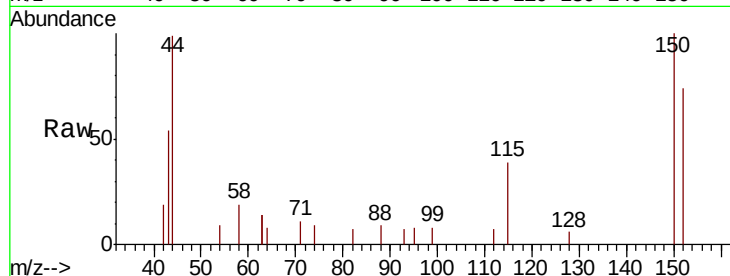
Tgt Ion: 152 Resp: 1248

Ion Ratio Lower Upper

152 100

150 135.7 112.8 169.2

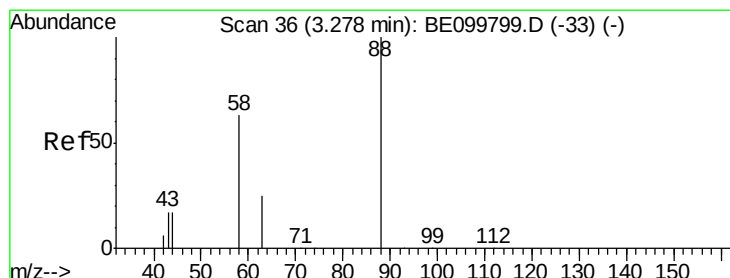
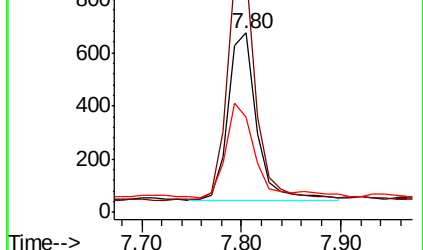
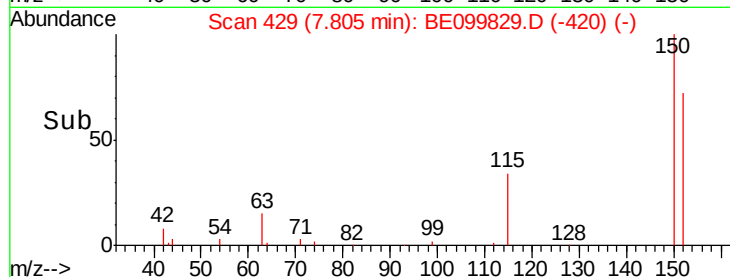
115 53.0 47.6 71.4



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: 0.022 ng

RT: 3.23 min Scan# 32

Delta R.T. -0.05 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

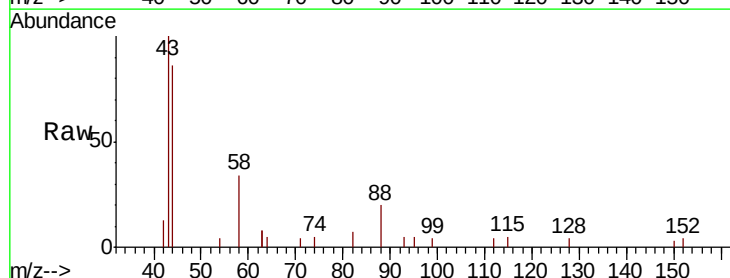
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

58 0.0 47.3 70.9#

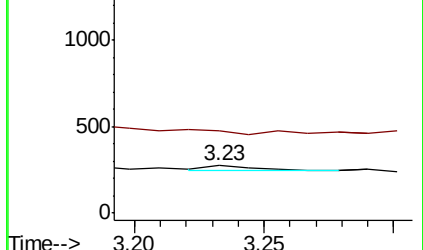
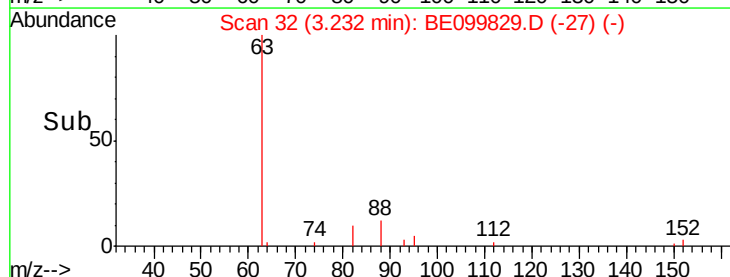
43 0.0 18.2 27.4#

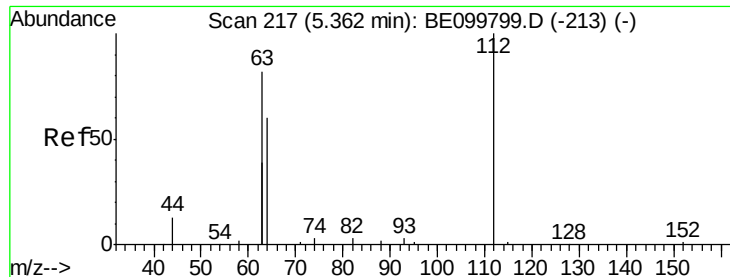


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.231 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190603

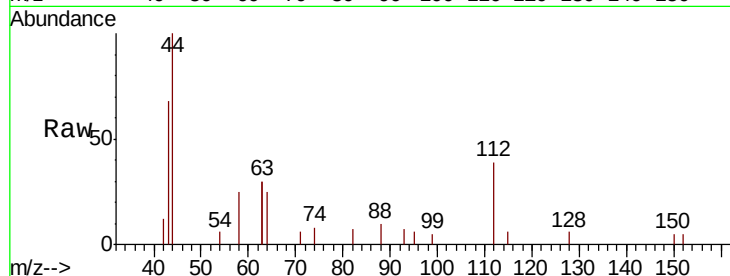
Tgt Ion: 112 Resp: 701

Ion Ratio Lower Upper

112 100

64 51.4 47.2 70.8

63 100.3 90.7 136.1



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

800

600

400

200

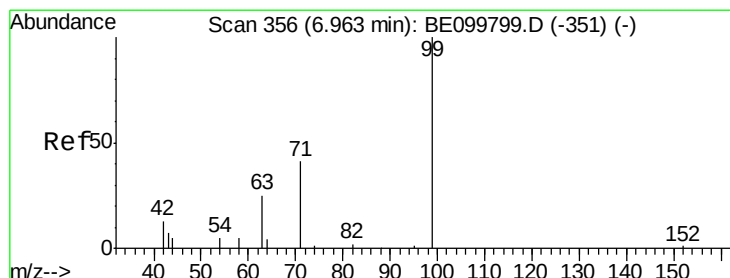
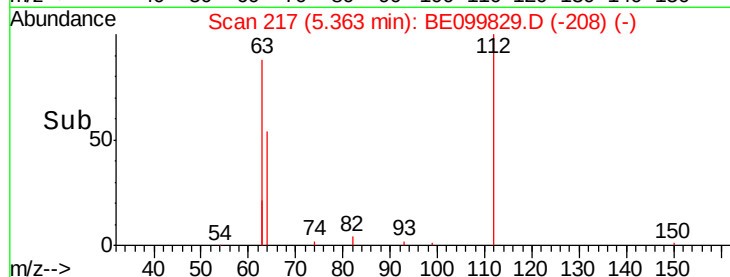
0

5.30

5.40

5.50

Time-->



#5

Phenol-d6

Concen: 0.132 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

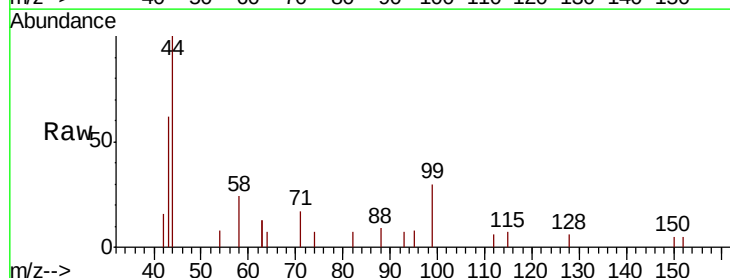
Tgt Ion: 99 Resp: 516

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

71 43.4 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

300

200

100

0

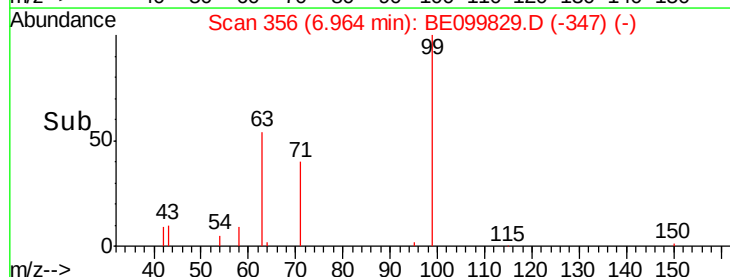
6.90

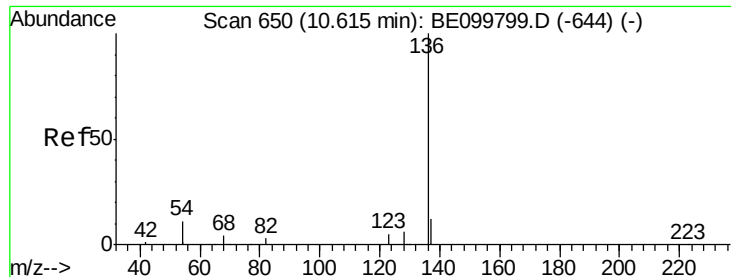
6.95

7.00

7.05

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

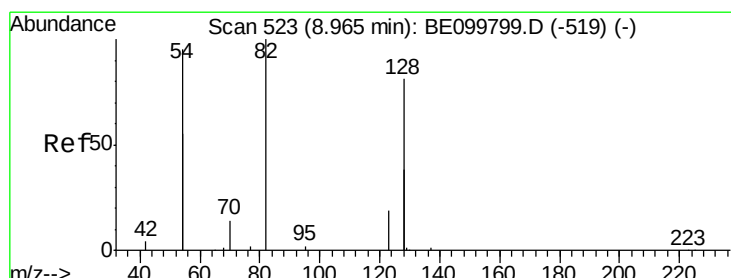
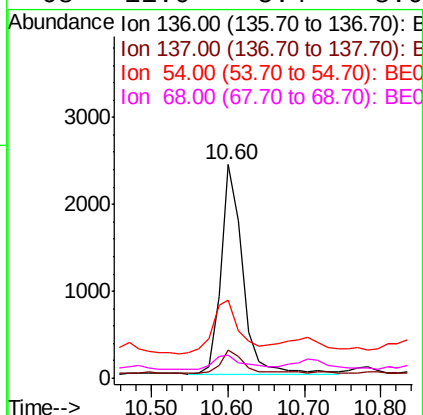
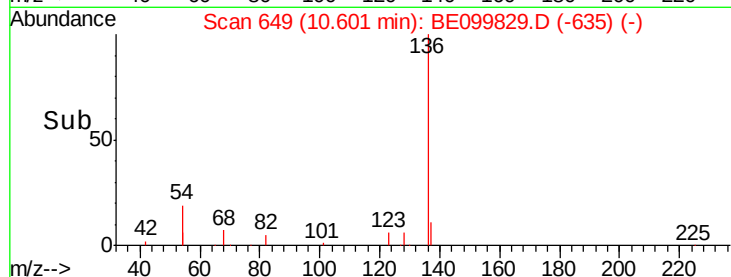
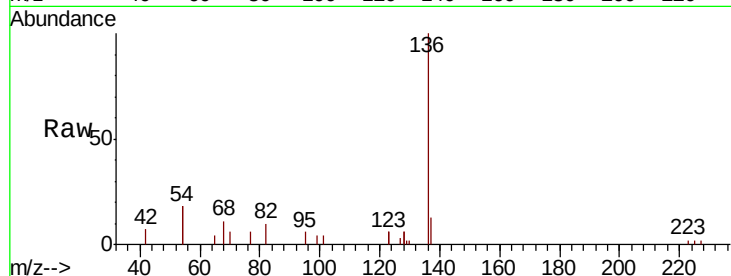
Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190603

Tgt Ion:	136	Resp:	4769
Ion	Ratio	Lower	Upper
136	100		
137	13.3	11.1	16.7
54	36.8	17.9	26.9#
68	11.0	5.4	8.0#



#8

Nitrobenzene-d5

Concen: 0.369 ng

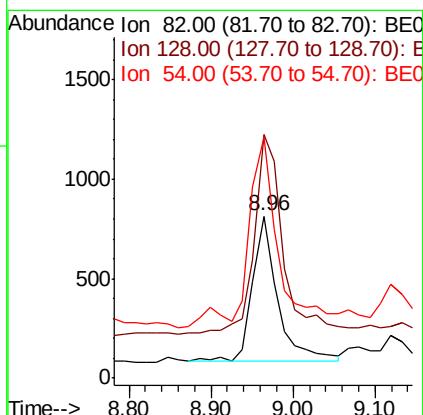
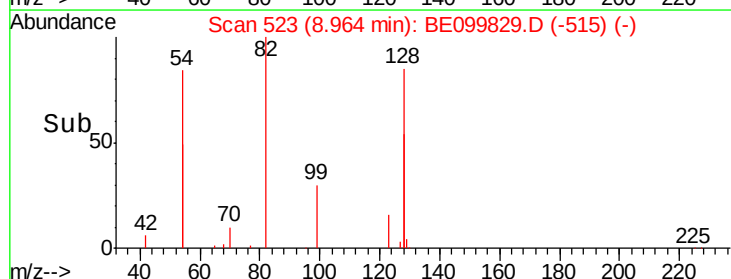
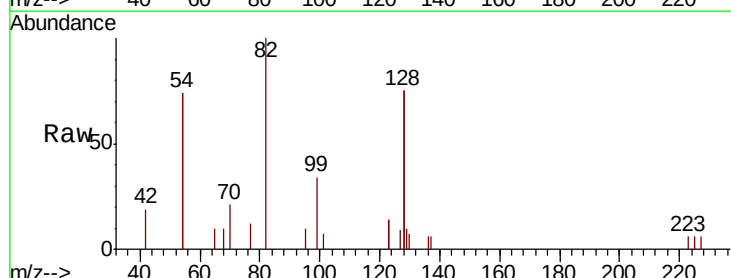
RT: 8.96 min Scan# 523

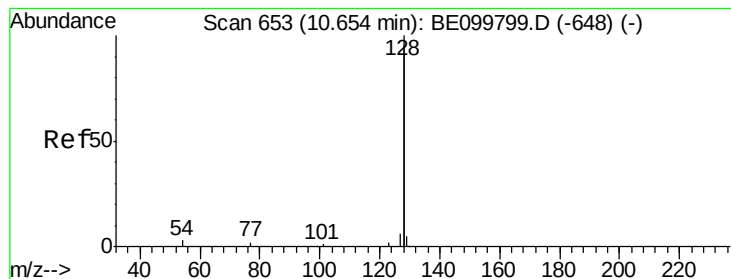
Delta R.T. -0.00 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

Tgt Ion:	82	Resp:	1546
Ion	Ratio	Lower	Upper
82	100		
128	150.0	116.6	175.0
54	148.8	136.2	204.4





#9

Naphthalene

Concen: 0.021 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190603

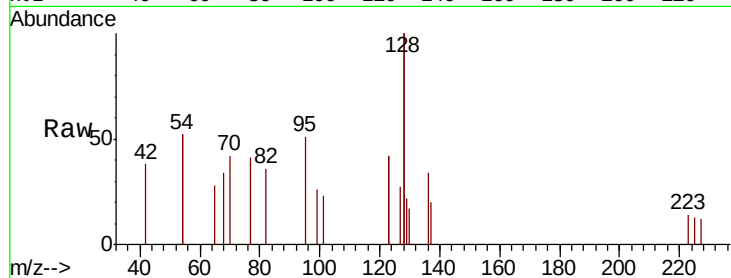
Tgt Ion:128 Resp: 1048

Ion Ratio Lower Upper

128 100

129 10.8 2.6 4.0#

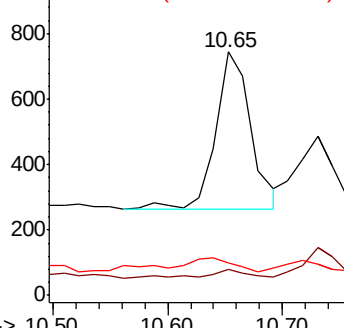
127 13.6 3.0 4.6#



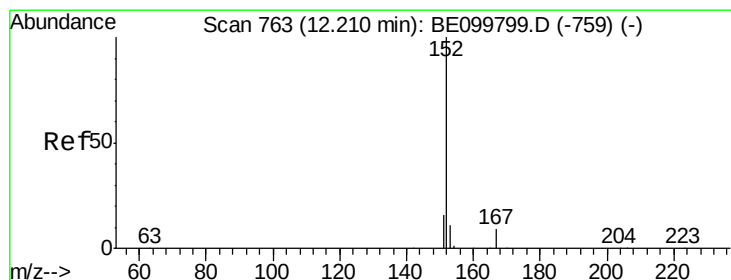
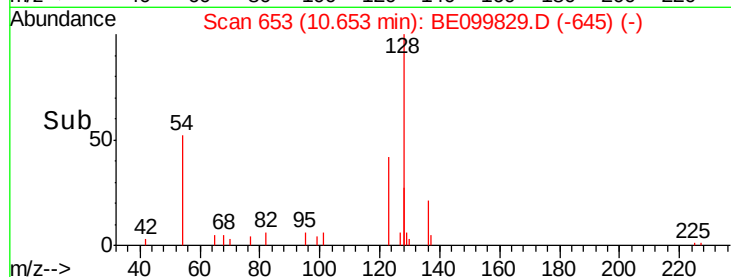
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.50 10.60 10.70



#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099829.D

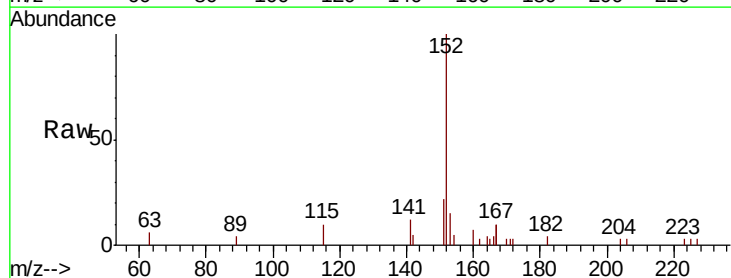
Acq: 6 Jun 2019 19:36

Tgt Ion:152 Resp: 3021

Ion Ratio Lower Upper

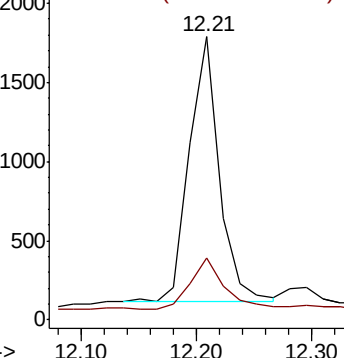
152 100

151 22.0 15.8 23.8

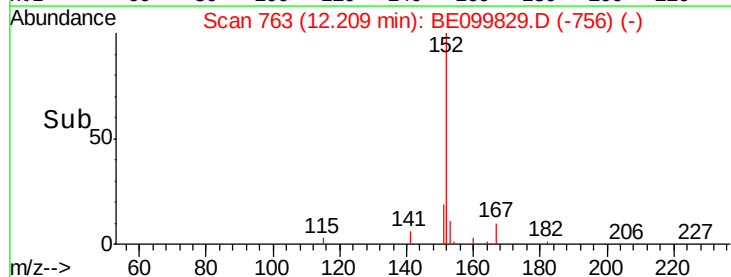


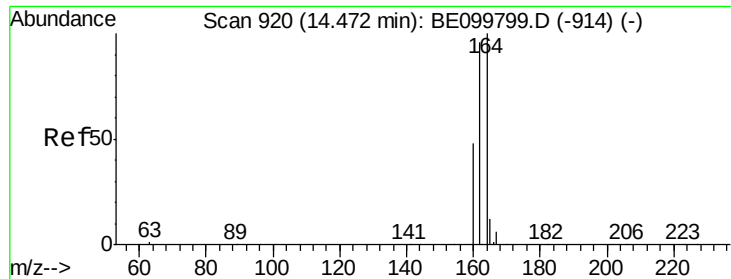
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.10 12.20 12.30

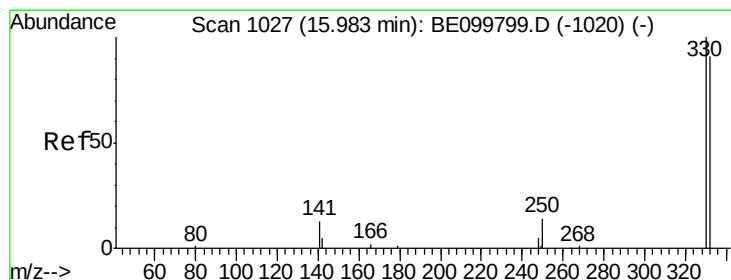
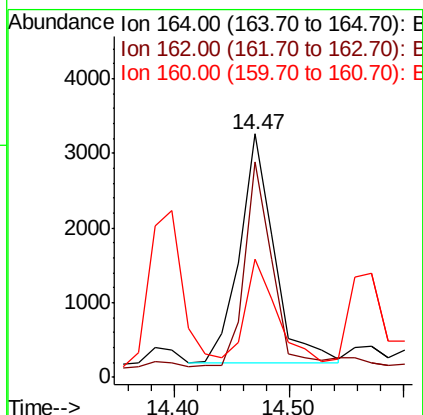
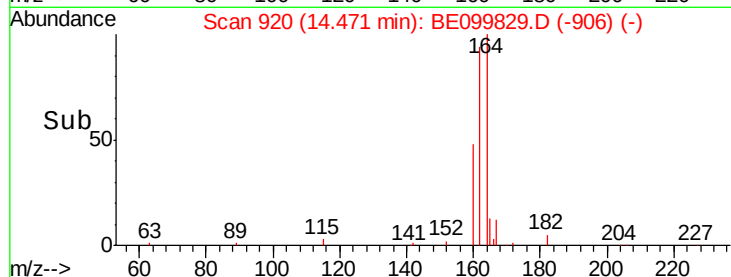
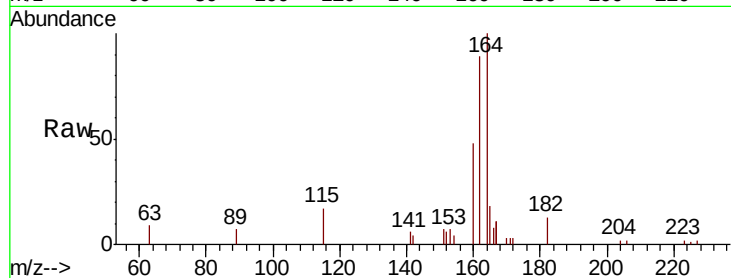




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099829.D
 Acq: 6 Jun 2019 19:36

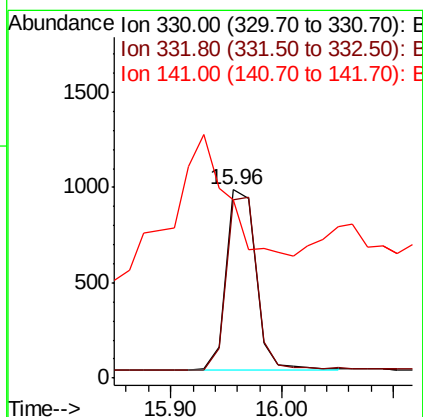
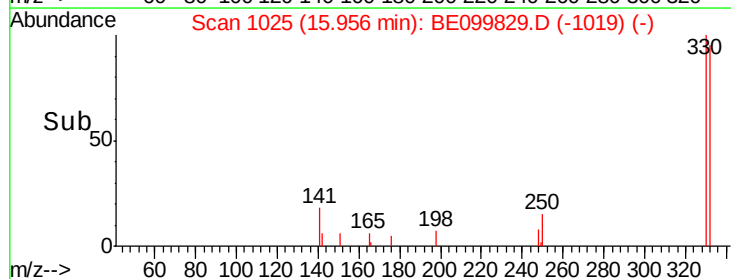
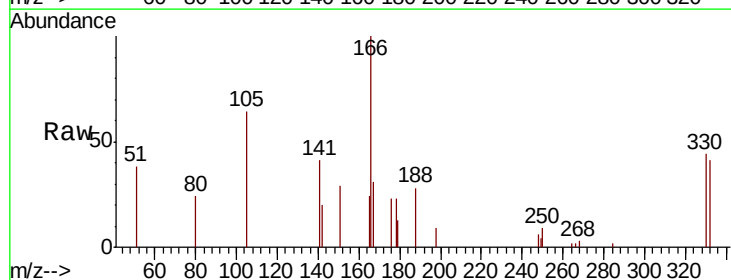
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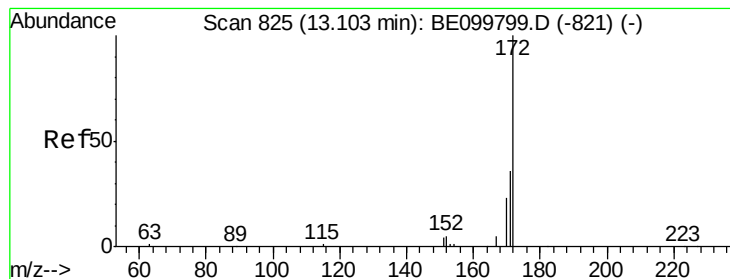
Tgt Ion:164 Resp: 6304
 Ion Ratio Lower Upper
 164 100
 162 88.7 77.2 115.8
 160 48.4 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.494 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BE099829.D
 Acq: 6 Jun 2019 19:36

Tgt Ion:330 Resp: 1741
 Ion Ratio Lower Upper
 330 100
 332 98.9 74.9 112.3
 141 0.0 16.0 24.0#

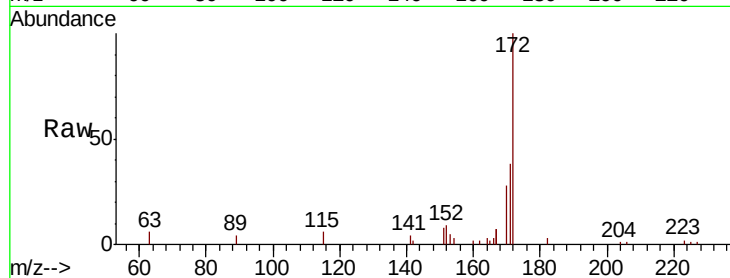




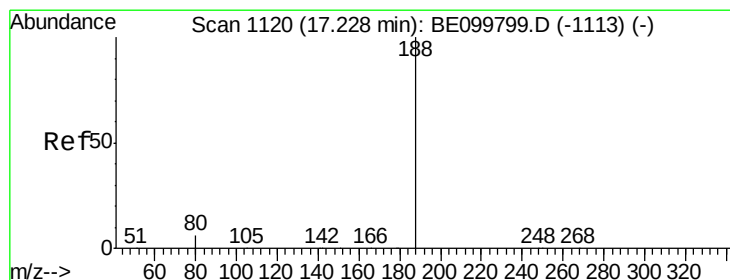
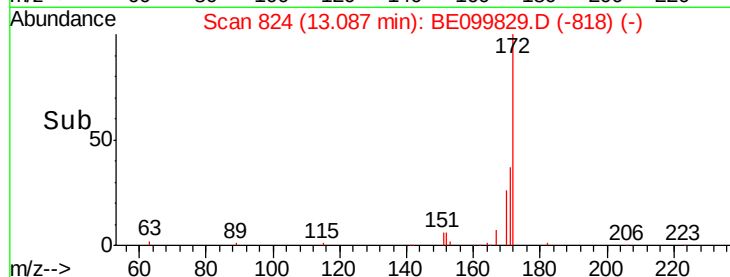
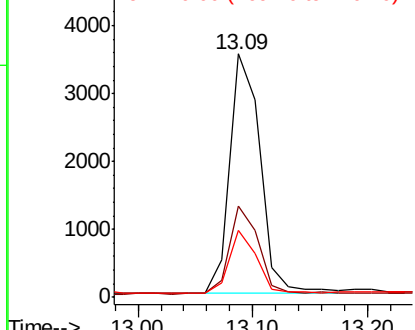
#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099829.D
Acq: 6 Jun 2019 19:36

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20190603

Tgt Ion:172 Resp: 6553
Ion Ratio Lower Upper
172 100
171 37.7 30.2 45.4
170 27.5 20.1 30.1

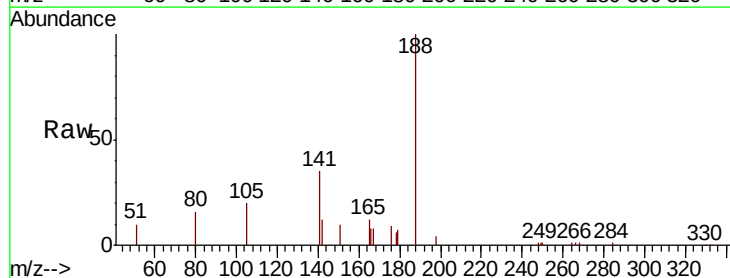


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

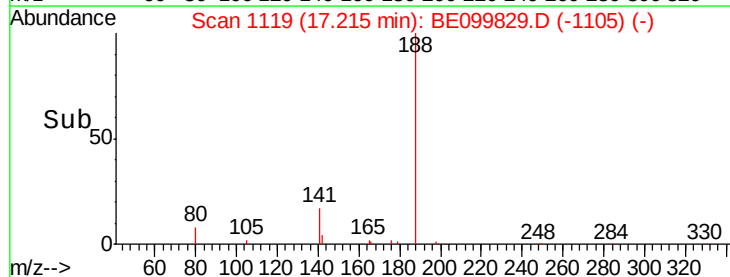
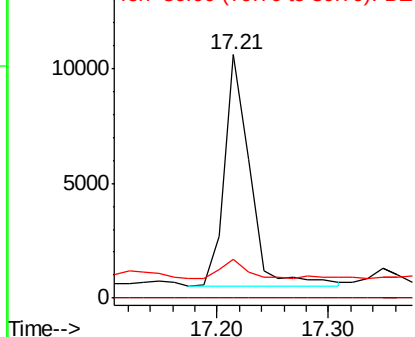


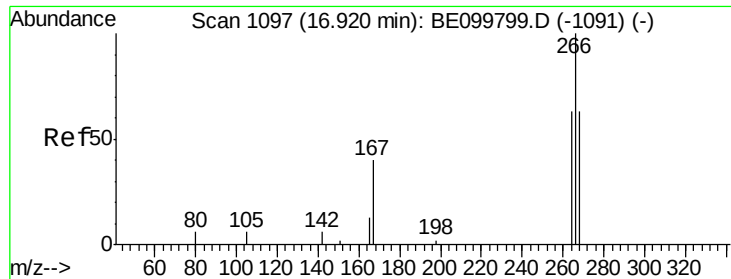
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099829.D
Acq: 6 Jun 2019 19:36

Tgt Ion:188 Resp: 15986
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 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: 0.376 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

Instrument :

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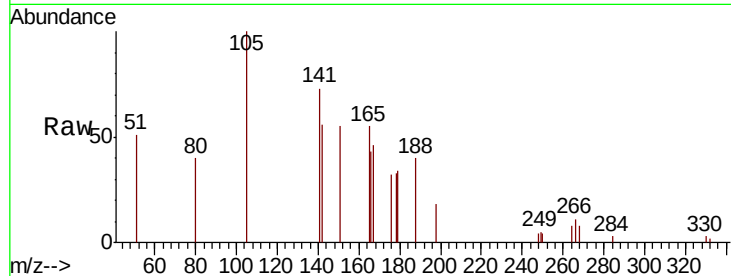
Tgt Ion: 266 Resp: 308

Ion Ratio Lower Upper

266 100

264 68.1 64.9 97.3

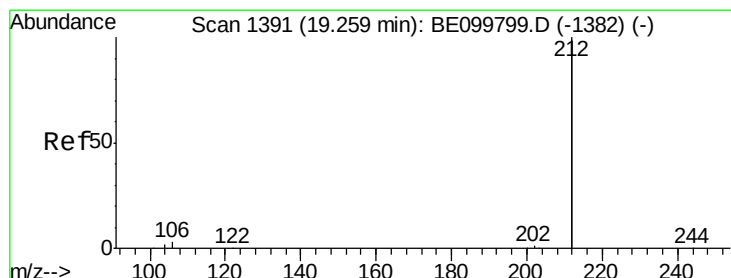
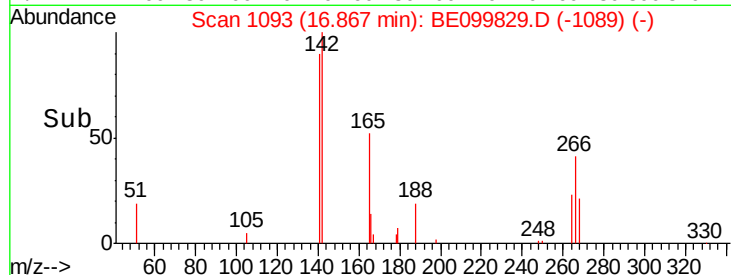
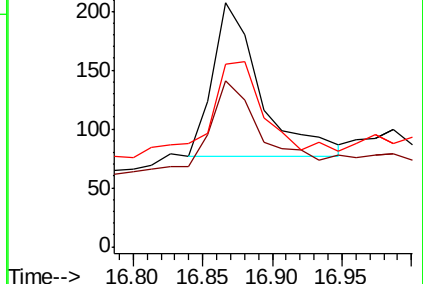
268 74.9 64.0 96.0



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: 0.349 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

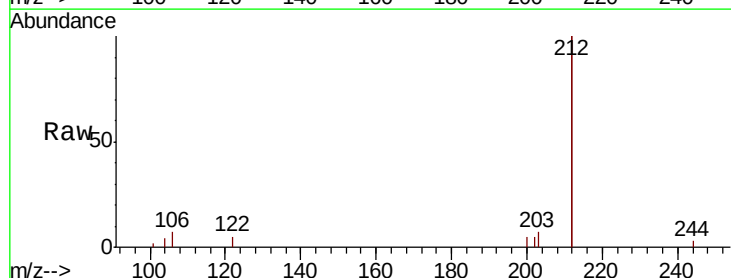
Tgt Ion: 212 Resp: 82955

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.0

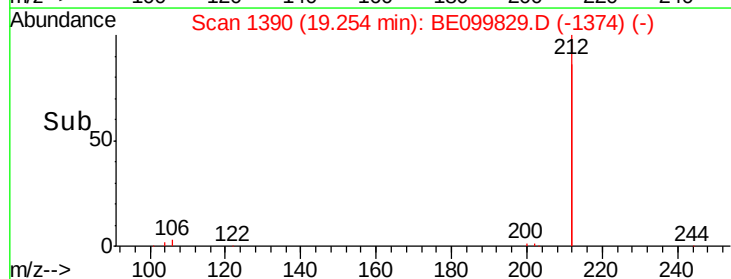
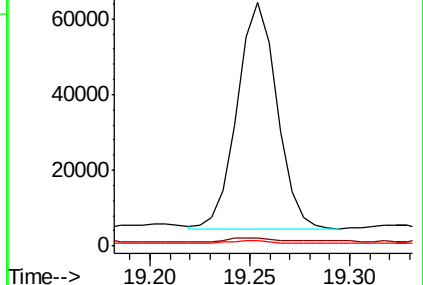
104 1.1 0.8 1.2

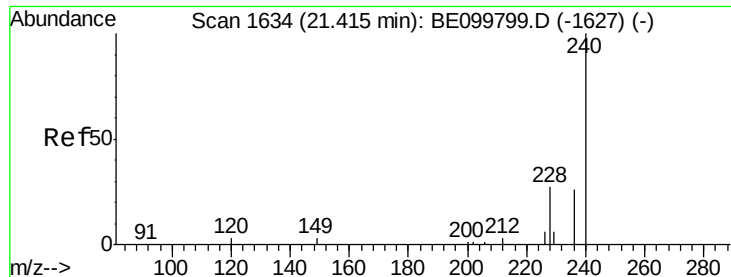


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.40 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190603

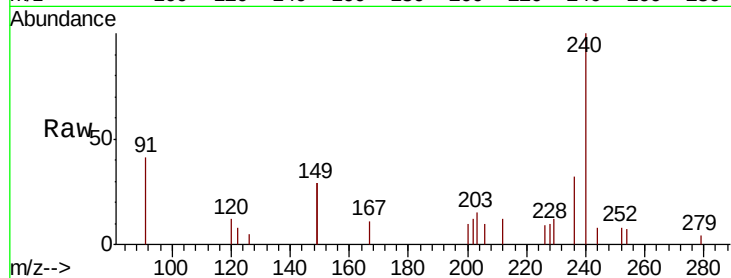
Tgt Ion:240 Resp: 20251

Ion Ratio Lower Upper

240 100

120 11.9 2.8 4.2#

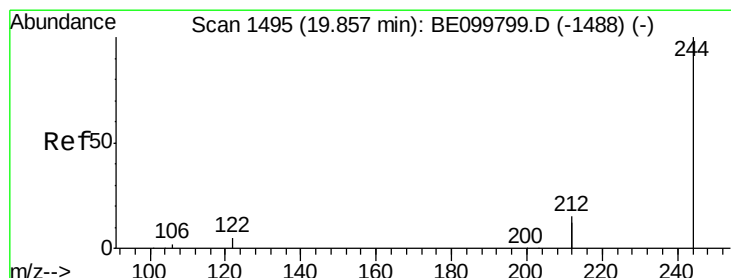
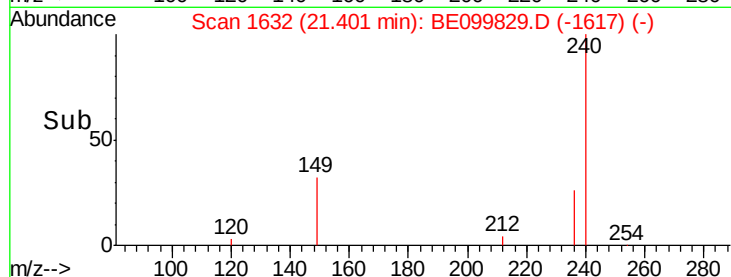
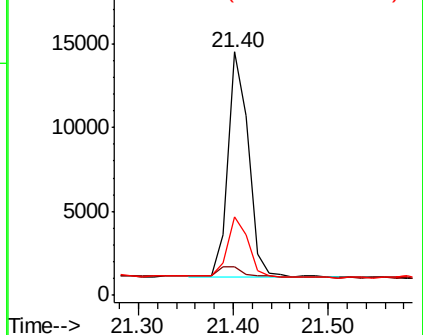
236 32.3 20.9 31.3#



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: 0.710 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099829.D

Acq: 6 Jun 2019 19:36

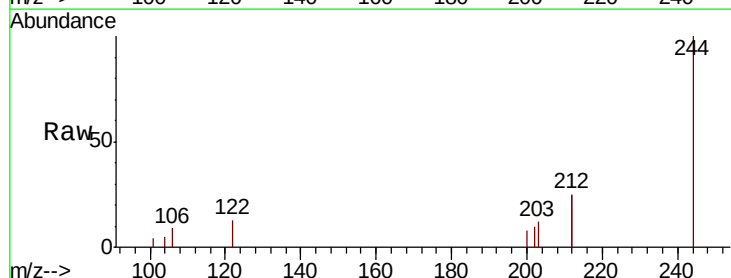
Tgt Ion:244 Resp: 23589

Ion Ratio Lower Upper

244 100

212 50.0 23.7 35.5#

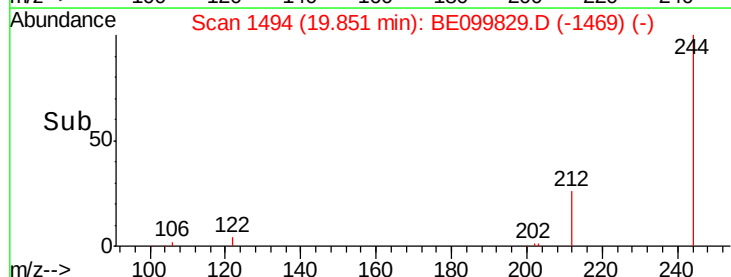
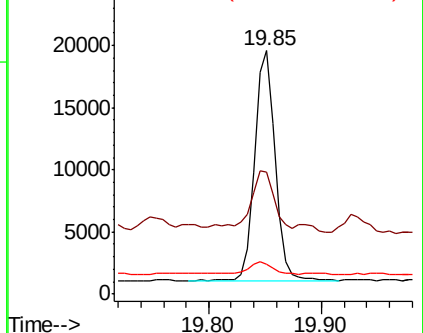
122 12.5 4.8 7.2#

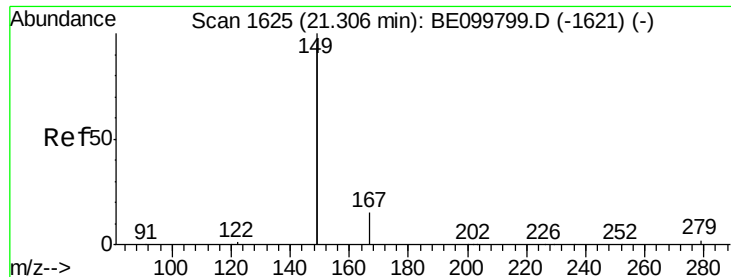


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

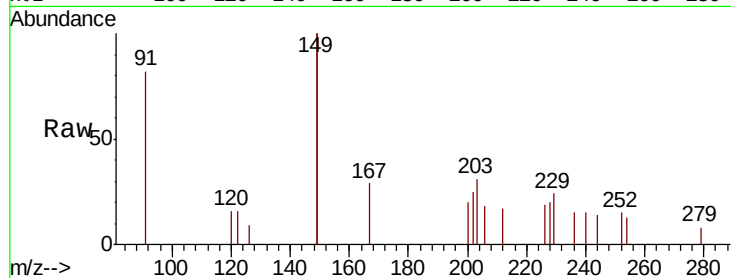




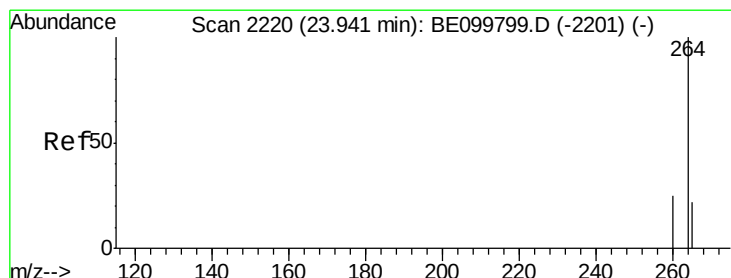
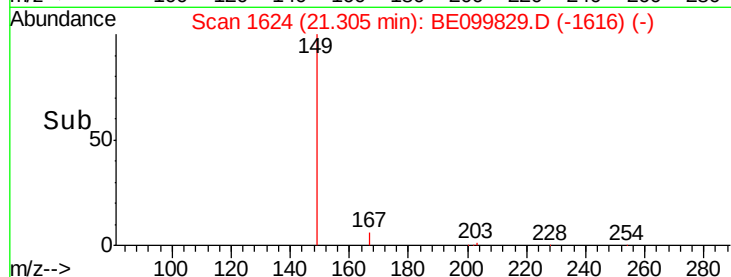
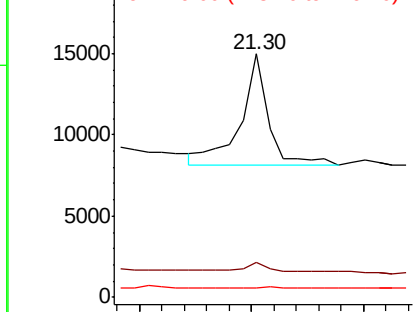
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.183 ng
 RT: 21.30 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE099829.D
 Acq: 6 Jun 2019 19:36

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20190603

Tgt Ion:149 Resp: 11736
 Ion Ratio Lower Upper
 149 100
 167 8.0 6.0 9.0
 279 1.6 1.2 1.8

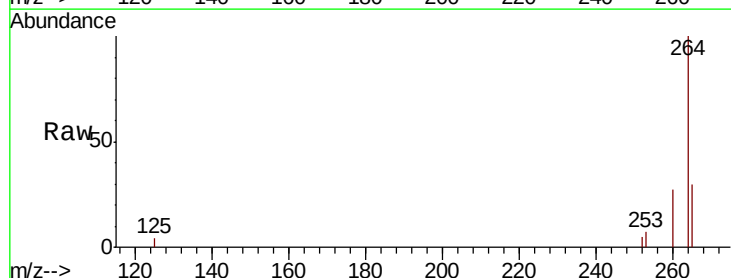


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BE099829.D
 Acq: 6 Jun 2019 19:36

Tgt Ion:264 Resp: 22674
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.0 30.0
 265 30.2 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

