

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099874.D
 Acq On : 8 Jun 2019 7:22
 Operator : JU/SJ
 Sample : K3249-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190606

Quant Time: Jun 08 16:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

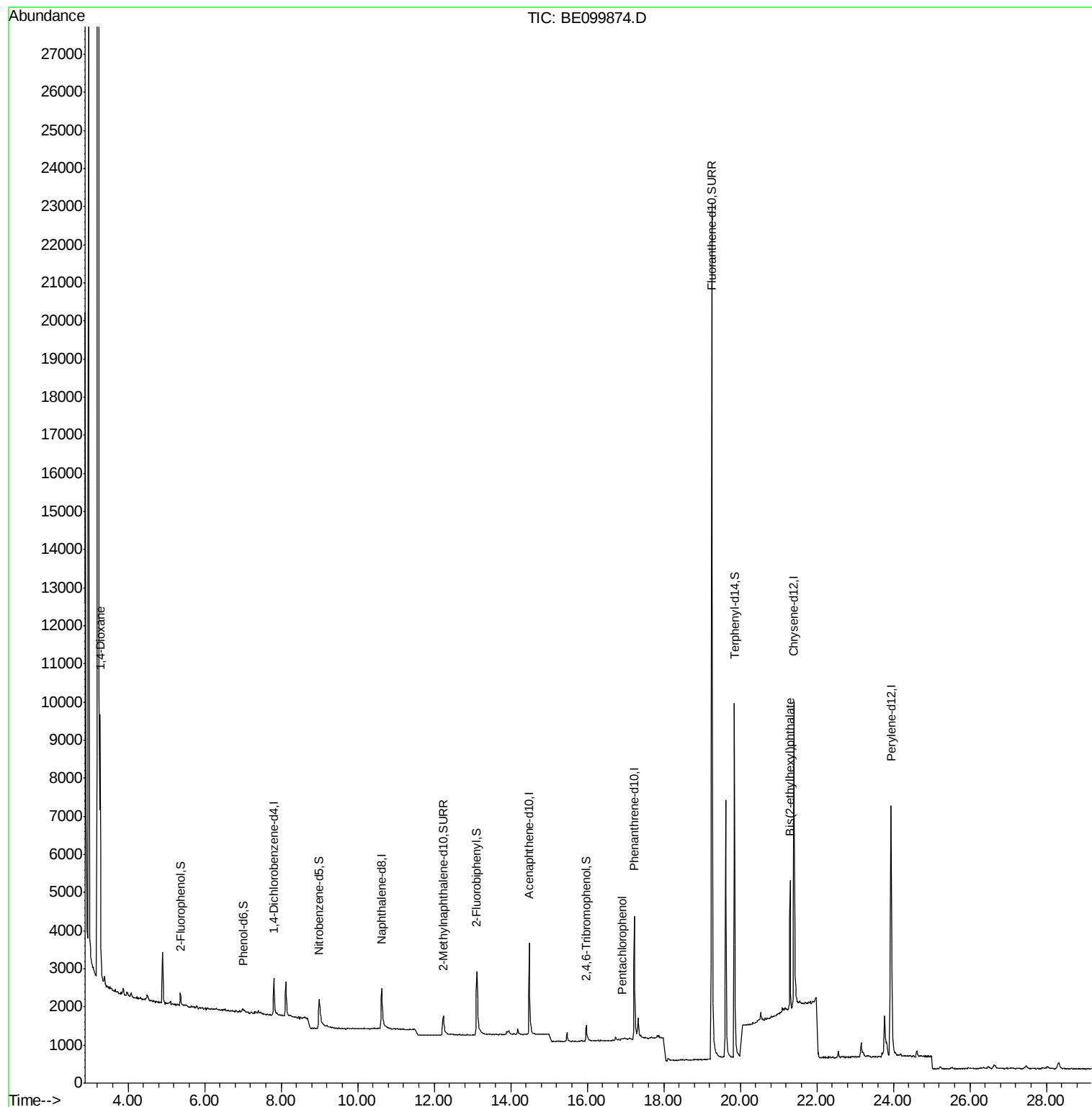
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	610	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2232	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	1703	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5804	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10035	0.40	ng	-0.01
34) Perylene-d12	23.94	264	11691	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	249	0.12	ng	0.01
5) Phenol-d6	7.00	99	200	0.08	ng	0.04
8) Nitrobenzene-d5	8.99	82	787	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.24	152	1320	0.33	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	443	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2721	0.44	ng	0.01
25) Fluoranthene-d10	19.25	212	34435	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	9949	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	4005	4.920	ng	97
22) Pentachlorophenol	16.91	266	51	0.272	ng	93
32) Bis(2-ethylhexyl)phthalate	21.31	149	4193	0.081	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: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099874.D

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Instrument :

BNA_E

ClientSampleId :

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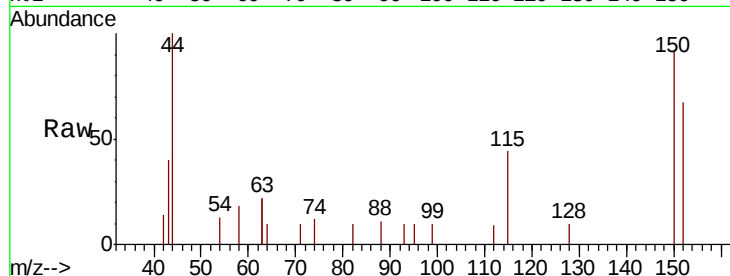
Tot Ion:152 Resp: 610

Ion Ratio Lower Upper

152 100

150 138.7 112.8 169.2

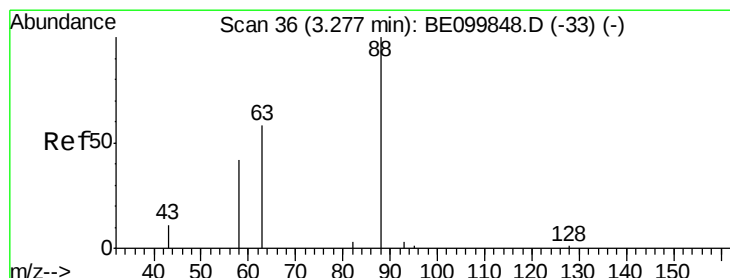
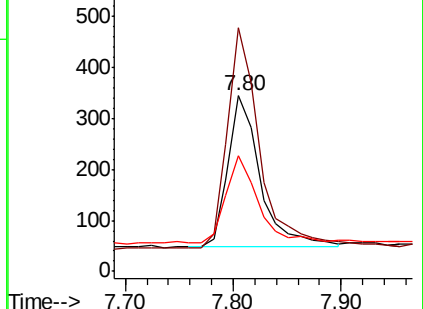
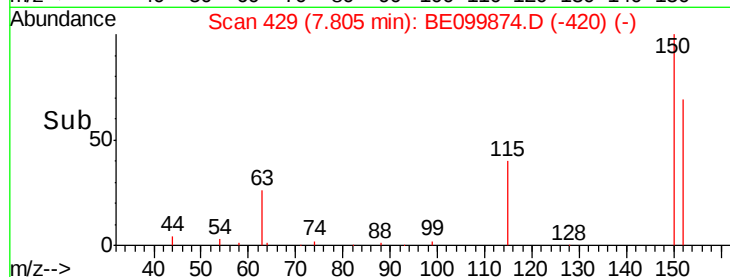
115 66.0 47.6 71.4



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: 4.920 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.01 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

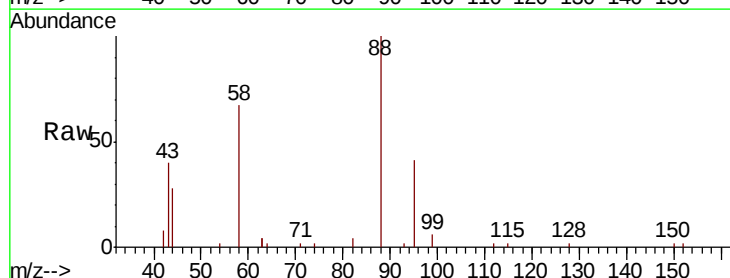
Tgt Ion: 88 Resp: 4005

Ion Ratio Lower Upper

88 100

58 57.9 47.3 70.9

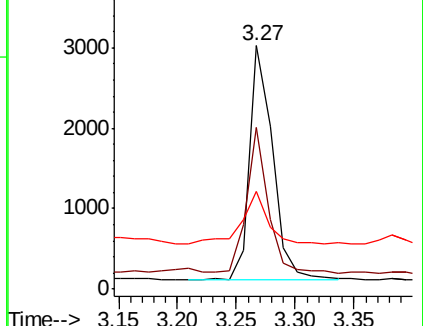
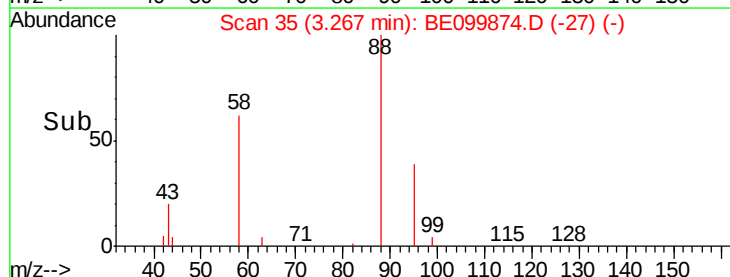
43 25.7 18.2 27.4

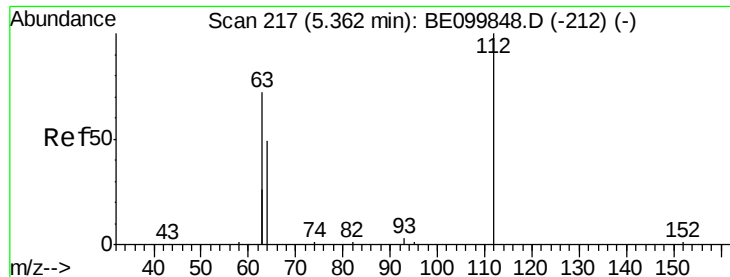


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190606

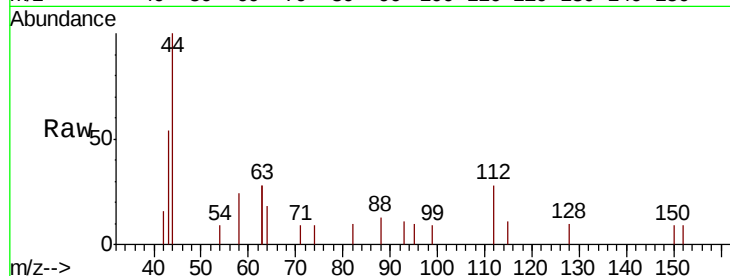
Tot Ion: 112 Resp: 249

Ion Ratio Lower Upper

112 100

64 51.8 47.2 70.8

63 144.2 90.7 136.1#



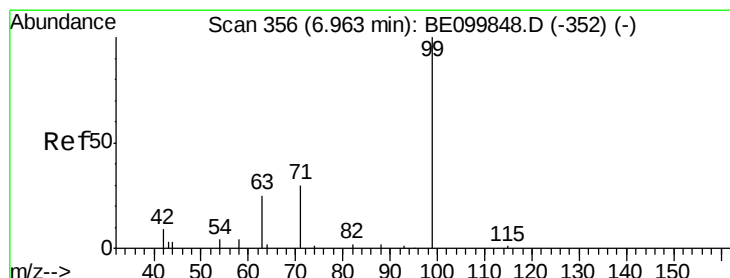
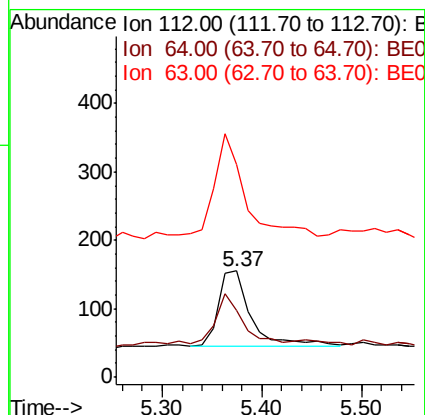
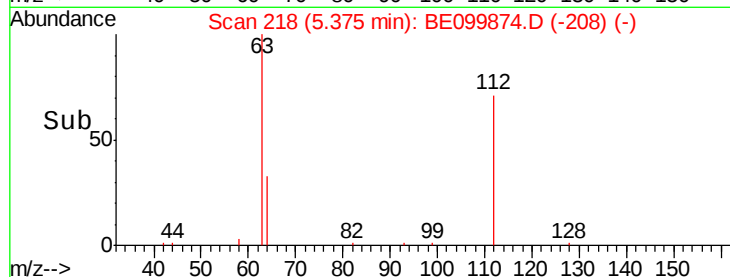
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.37

Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.04 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

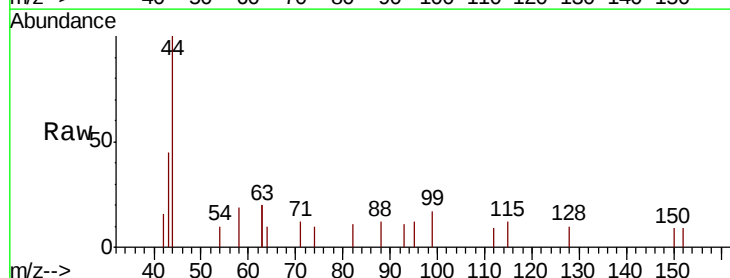
Tgt Ion: 99 Resp: 200

Ion Ratio Lower Upper

99 100

42 3.0 11.0 16.4#

71 42.5 26.1 39.1#



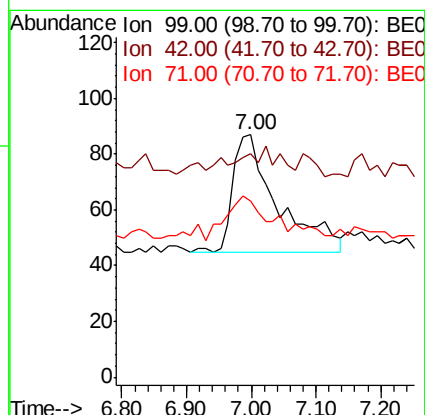
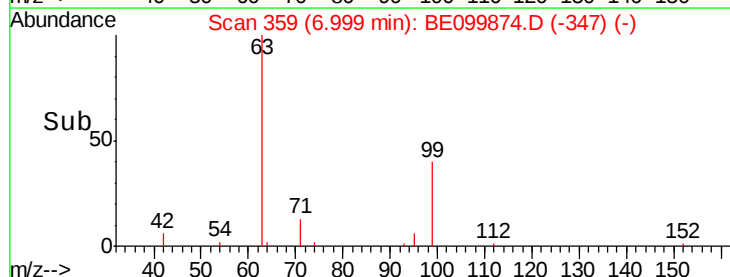
Abundance Ion 99.00 (98.70 to 99.70): BE0

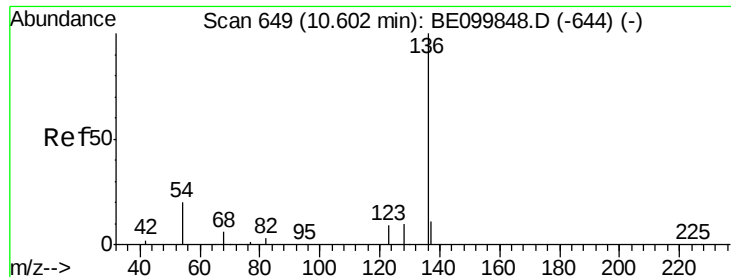
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190606

Tot Ion:136 Resp: 2232

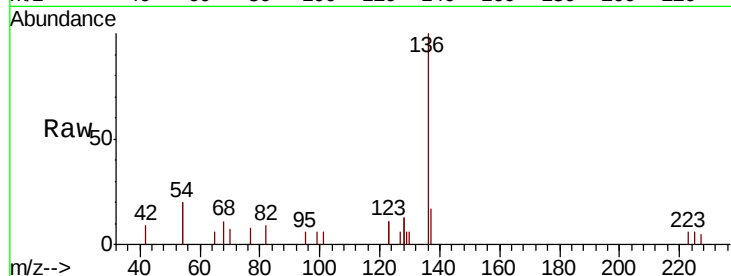
Ion Ratio Lower Upper

136 100

137 16.6 11.1 16.7

54 40.5 17.9 26.9#

68 11.5 5.4 8.0#

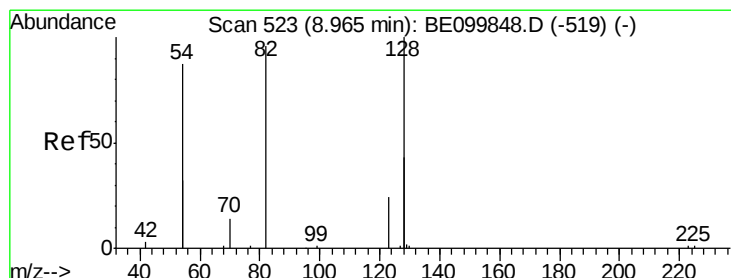
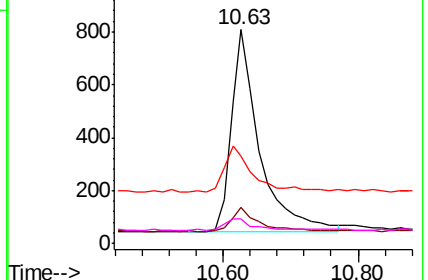
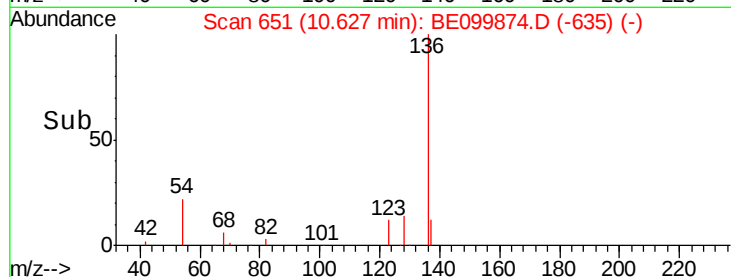


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

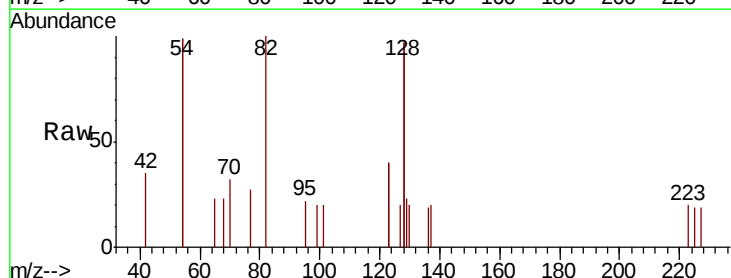
Tgt Ion: 82 Resp: 787

Ion Ratio Lower Upper

82 100

128 194.0 116.6 175.0#

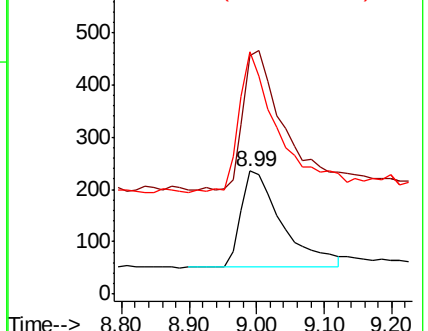
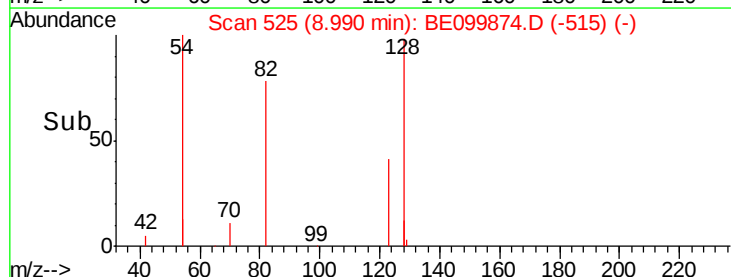
54 197.4 136.2 204.4

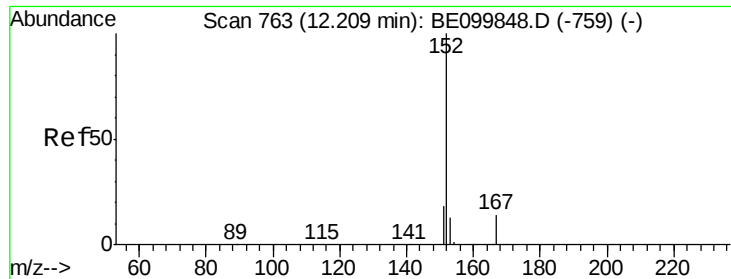


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

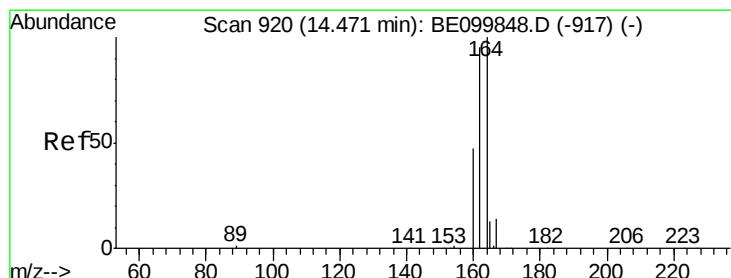
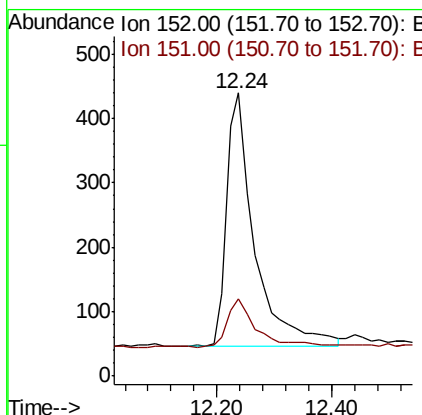
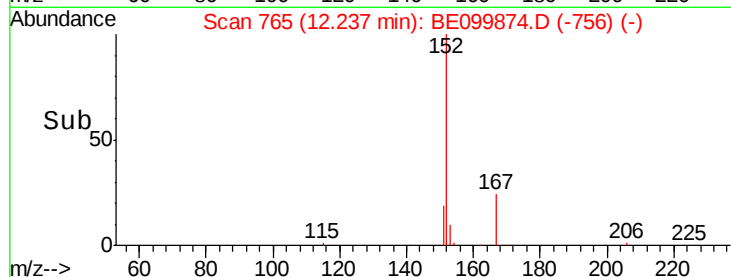
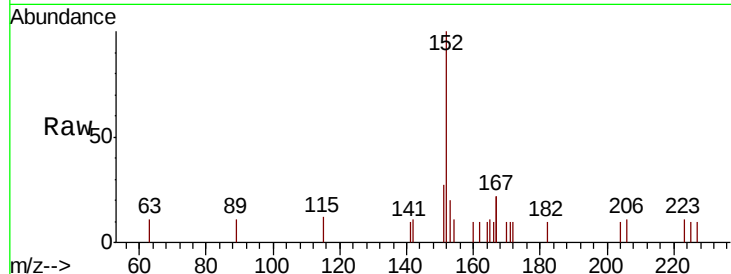




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.03 min
Lab File: BE099874.D
Acq: 8 Jun 2019 7:22

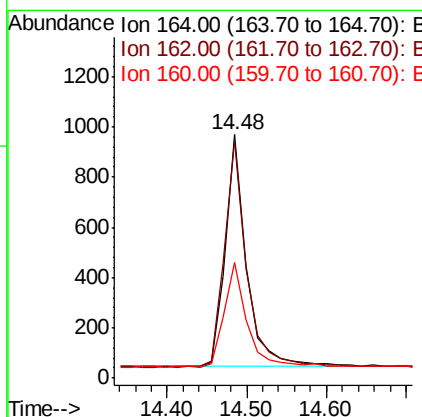
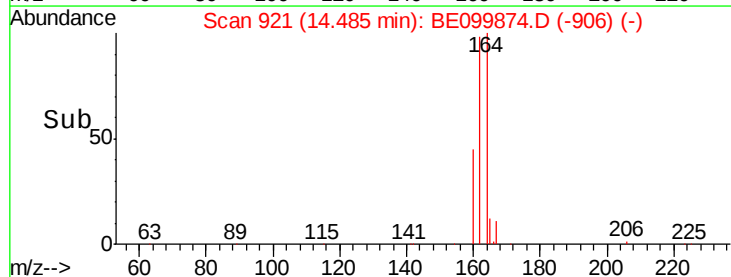
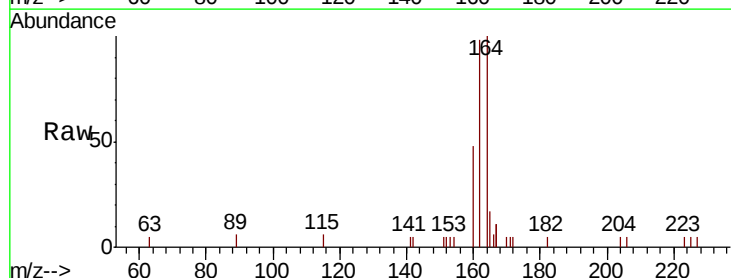
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20190606

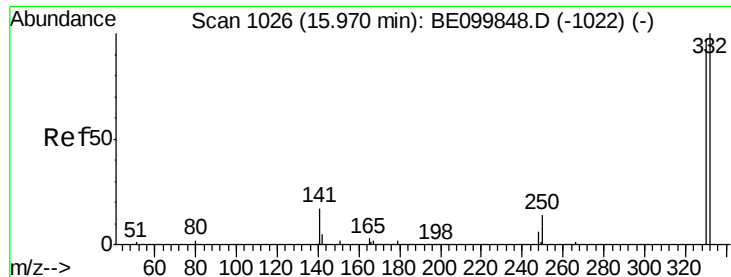
Tot Ion:152 Resp: 1320
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099874.D
Acq: 8 Jun 2019 7:22

Tgt Ion:164 Resp: 1703
Ion Ratio Lower Upper
164 100
162 97.5 77.2 115.8
160 47.7 39.4 59.2

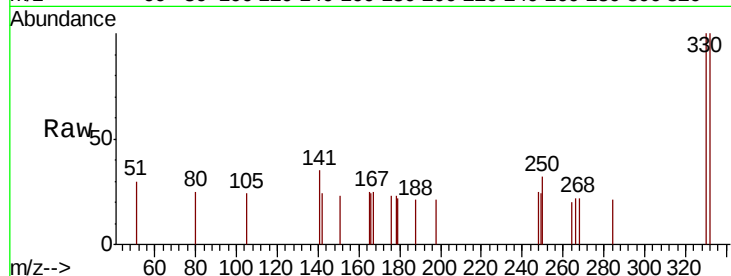




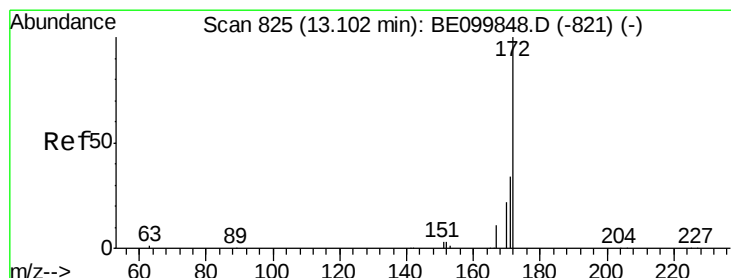
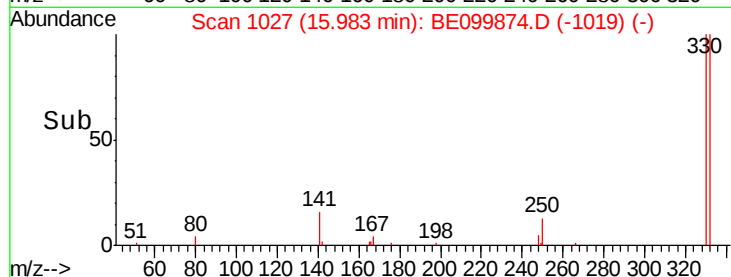
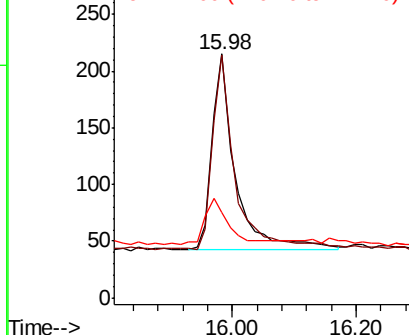
#14
 2,4,6-Tribromophenol
 Concen: 0.263 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099874.D
 Acq: 8 Jun 2019 7:22

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190606

Tot Ion:330 Resp: 443
 Ion Ratio Lower Upper
 330 100
 332 99.1 74.9 112.3
 141 20.1 16.0 24.0

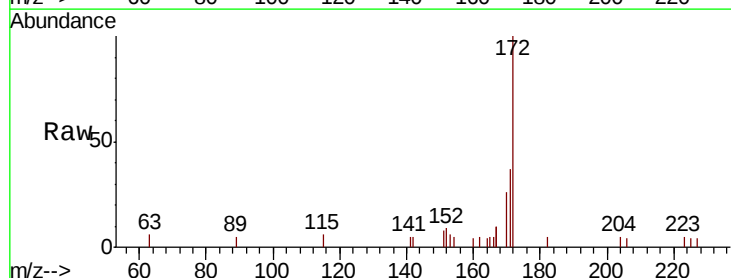


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

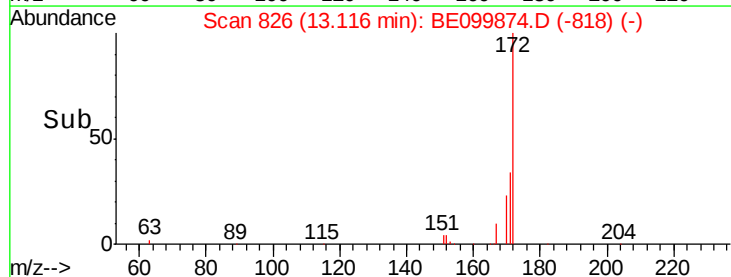
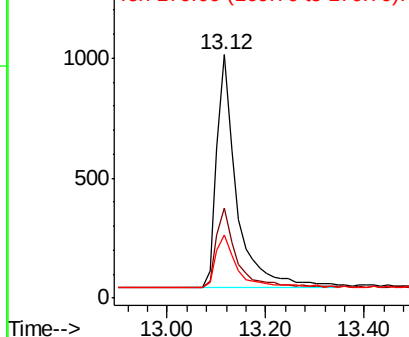


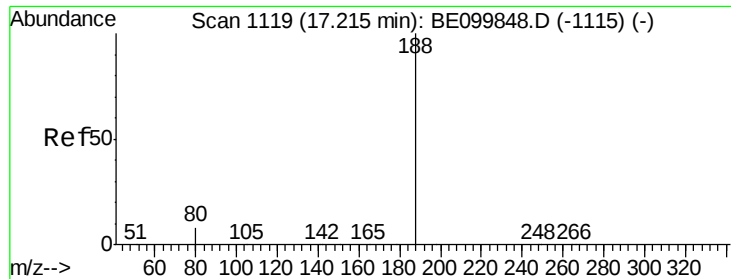
#15
 2-Fluorobiphenyl
 Concen: 0.442 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099874.D
 Acq: 8 Jun 2019 7:22

Tgt Ion:172 Resp: 2721
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.2 45.4
 170 26.1 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: BE099874.D

Acq: 8 Jun 2019 7:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190606

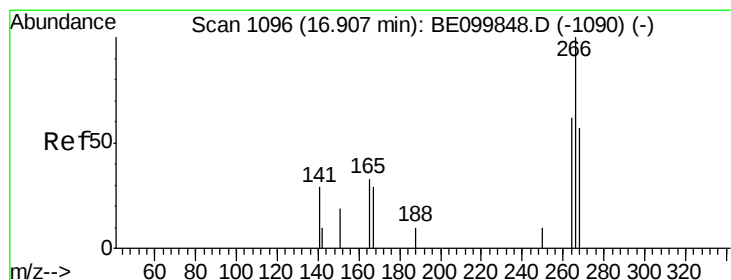
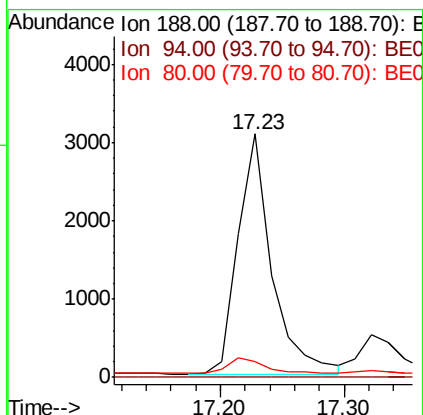
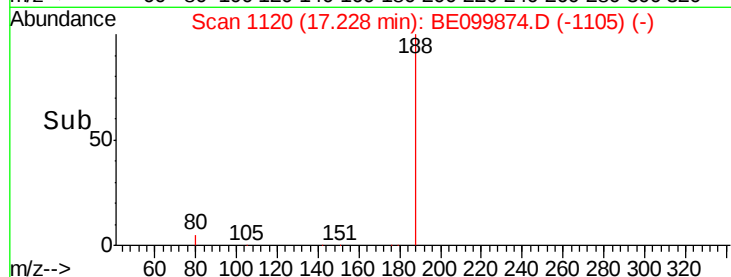
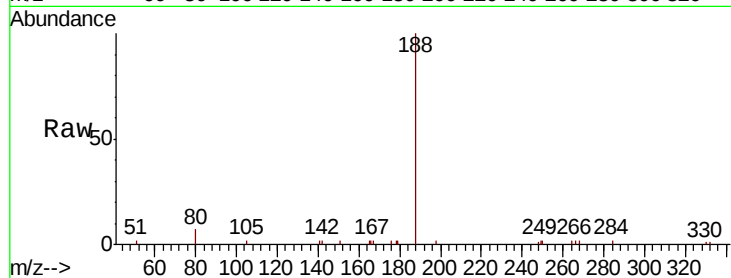
Tot Ion:188 Resp: 5804

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.6 5.2 7.8



#22

Pentachlorophenol

Concen: 0.272 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

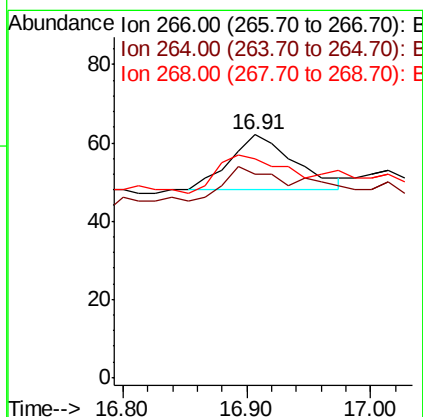
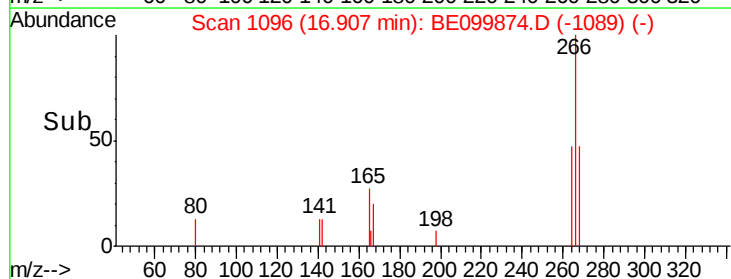
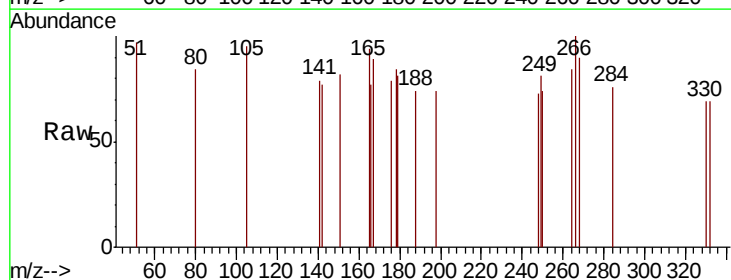
Tgt Ion:266 Resp: 51

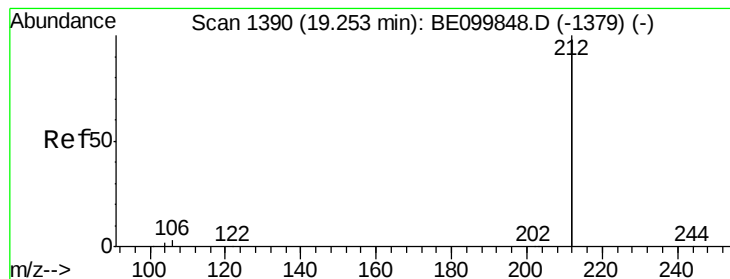
Ion Ratio Lower Upper

266 100

264 83.9 64.9 97.3

268 90.3 64.0 96.0





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

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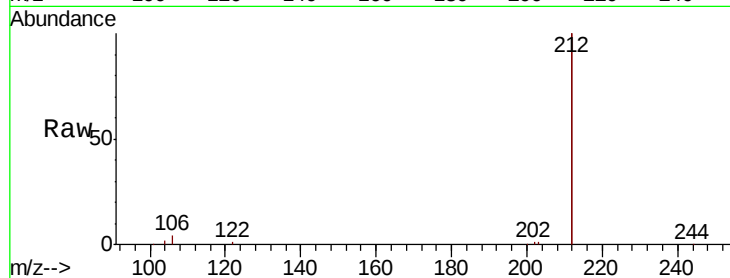
Tot Ion:212 Resp: 34435

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

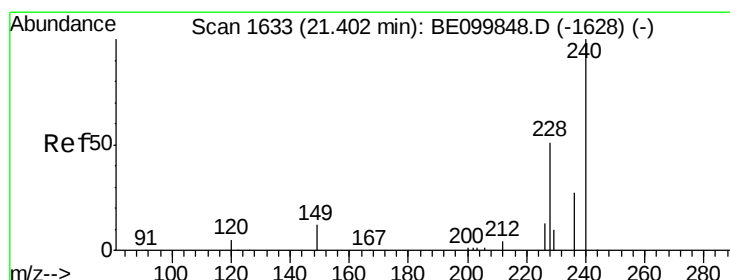
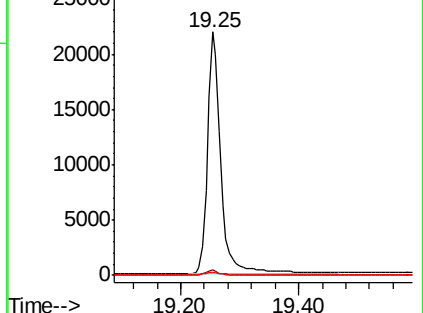
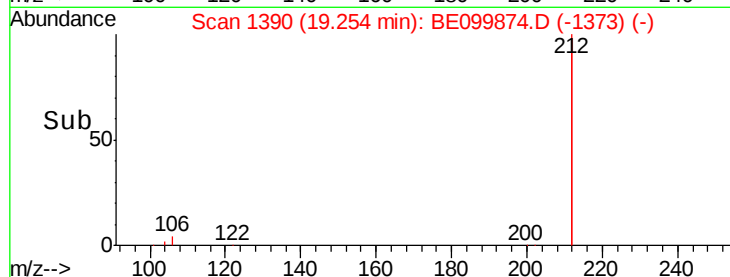
104 1.0 0.8 1.2



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: BE099874.D

Acq: 8 Jun 2019 7:22

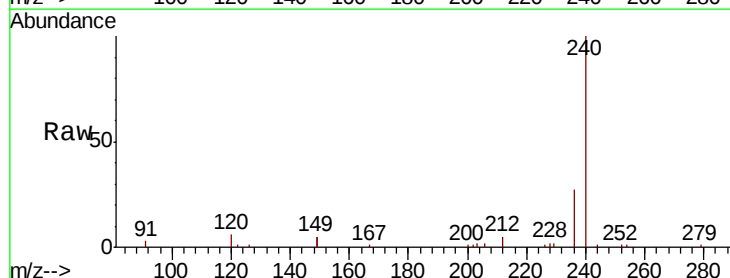
Tgt Ion:240 Resp: 10035

Ion Ratio Lower Upper

240 100

120 6.2 2.8 4.2#

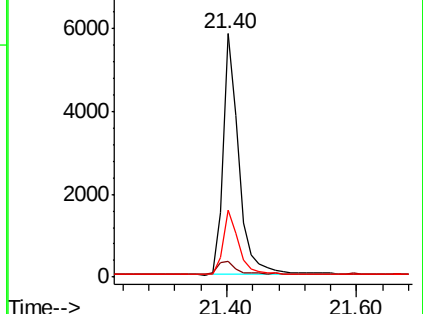
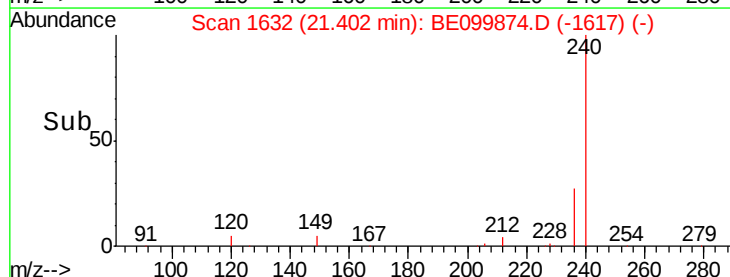
236 27.4 20.9 31.3

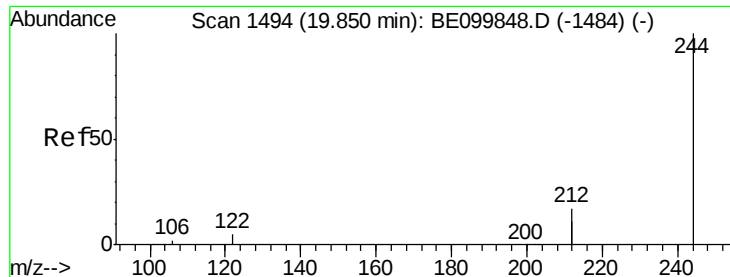


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.532 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190606

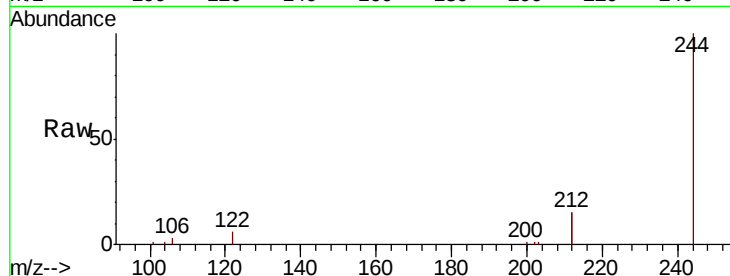
Tot Ion:244 Resp: 9949

Ion Ratio Lower Upper

244 100

212 29.6 23.7 35.5

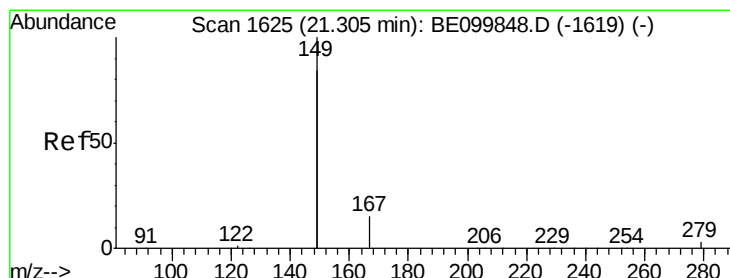
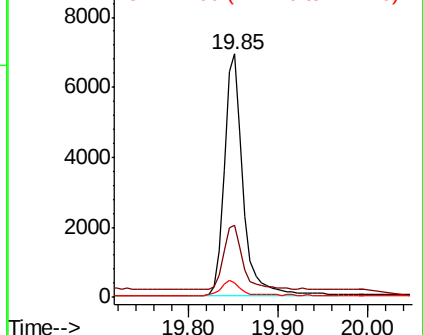
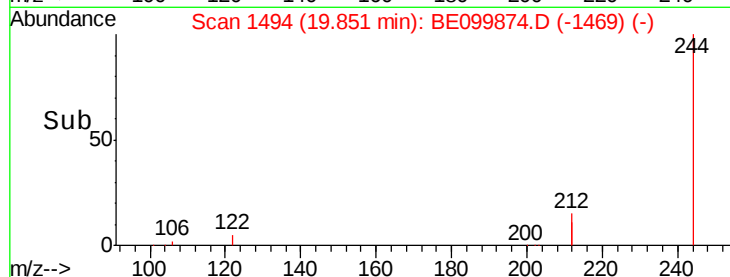
122 6.1 4.8 7.2



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: 0.081 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

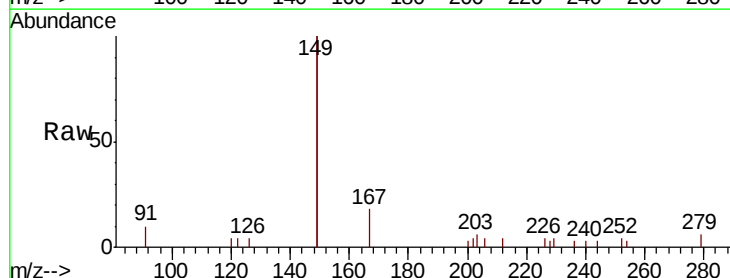
Tgt Ion:149 Resp: 4193

Ion Ratio Lower Upper

149 100

167 8.1 6.0 9.0

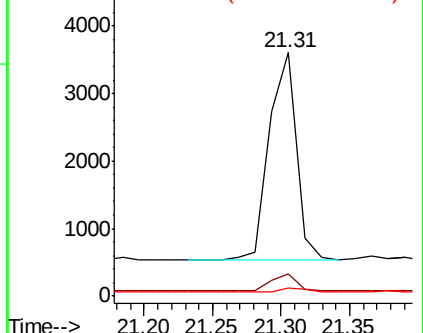
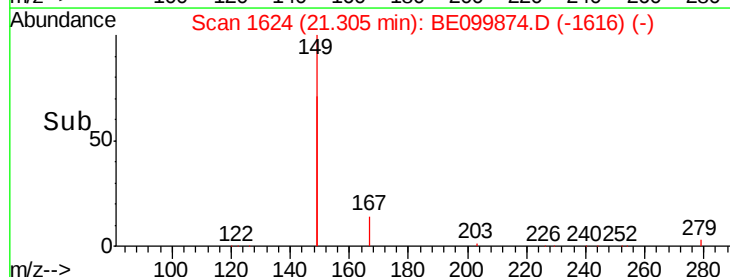
279 1.9 1.2 1.8#

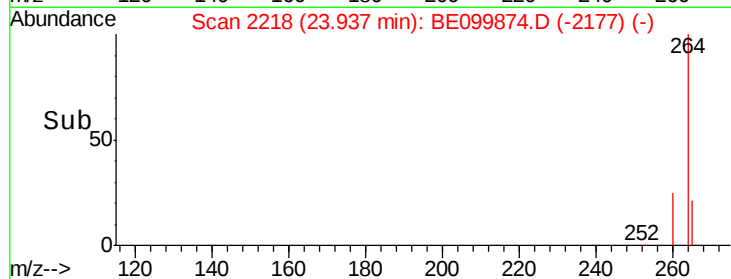
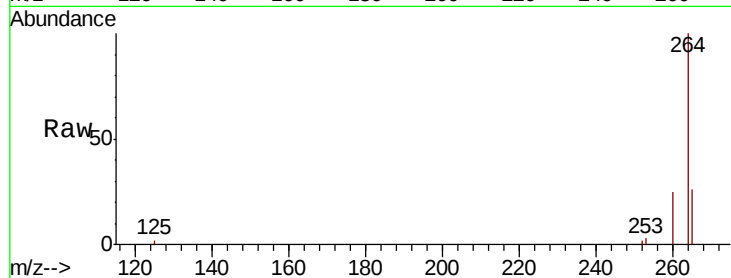
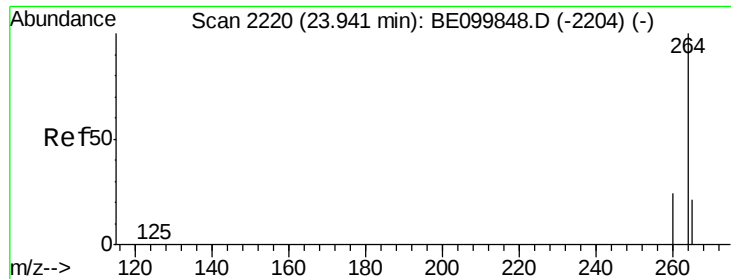


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BE099874.D

Acq: 8 Jun 2019 7:22

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190606

Tot Ion:264 Resp: 11691

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 26.5 20.7 31.1

