

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099876.D
 Acq On : 8 Jun 2019 8:34
 Operator : JU/SJ
 Sample : K3249-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20190606

Quant Time: Jun 08 17:13:25 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	7.79	152	616	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	1953	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1377	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4414	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9621	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11739	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	233	0.11	ng	0.00
5) Phenol-d6	6.98	99	168	0.07	ng	0.01
8) Nitrobenzene-d5	8.98	82	694	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1024	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	319	0.23	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2084	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	24879	0.36	ng	-0.01
29) Terphenyl-d14	19.84	244	7200	0.40	ng	-0.01

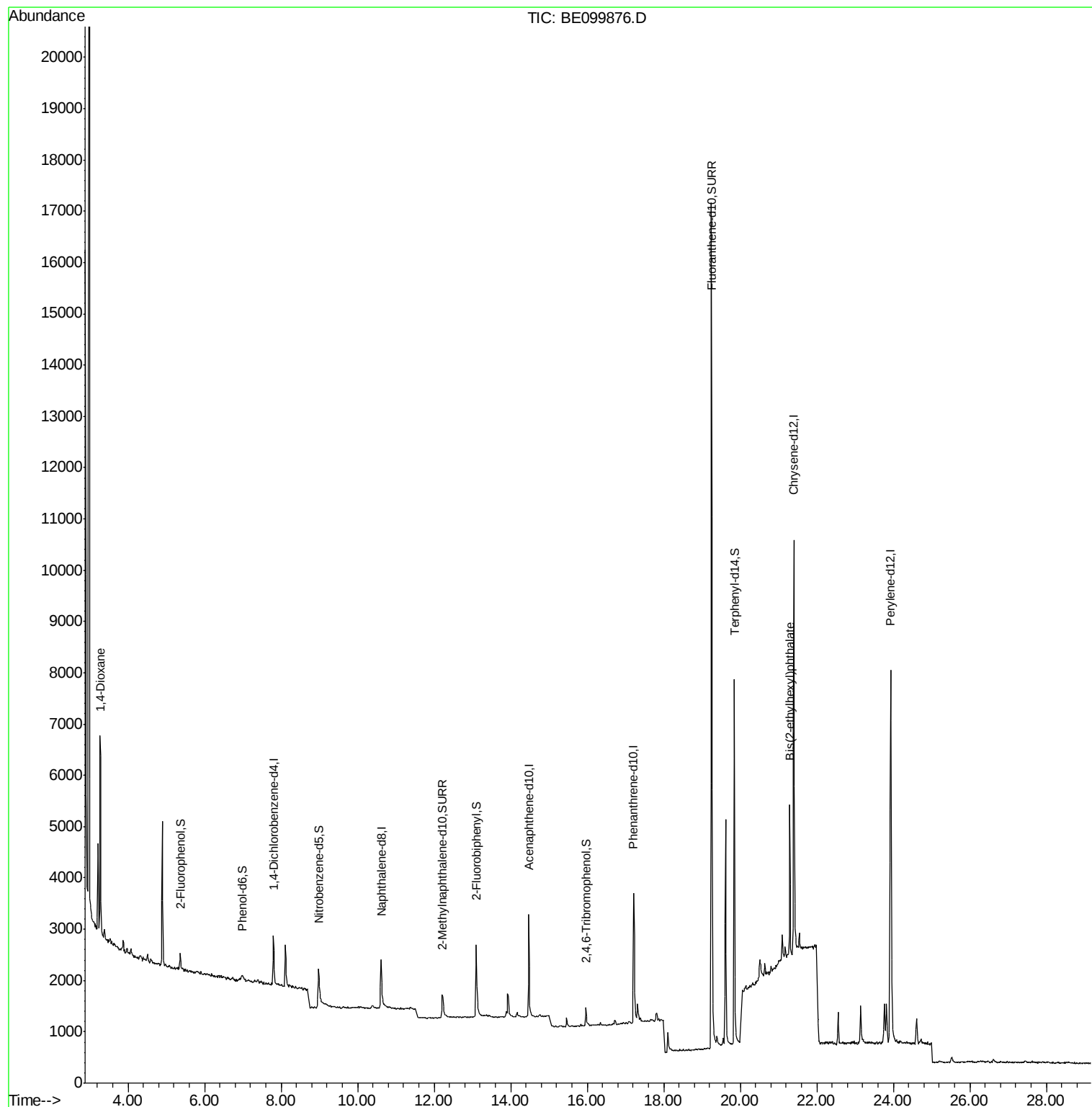
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	3156	3.834	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	3244	0.065	ng	99

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

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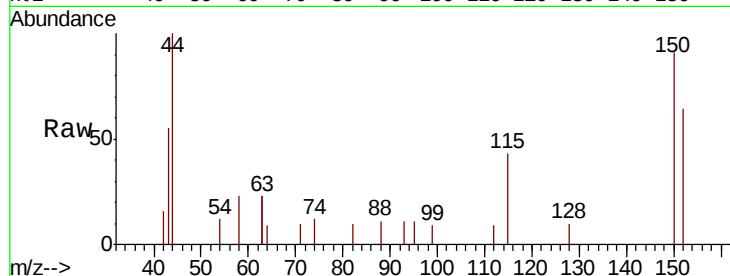


#1

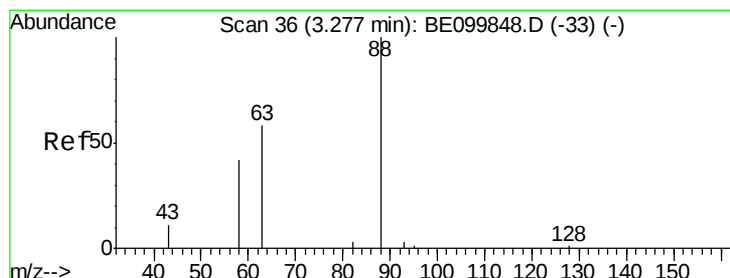
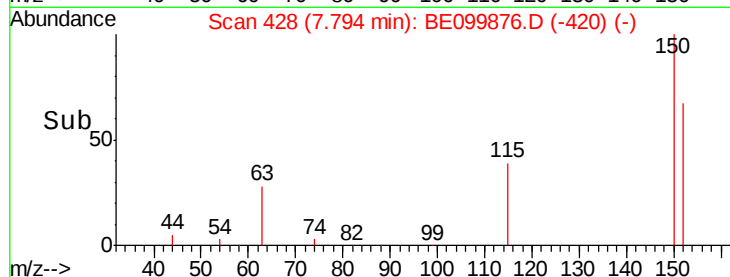
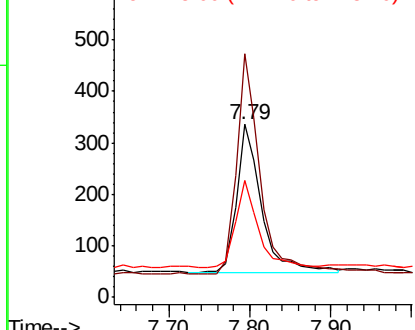
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BE099876.D
 Acq: 8 Jun 2019 8:34

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20190606

Tot Ion:152 Resp: 616
 Ion Ratio Lower Upper
 152 100
 150 140.8 112.8 169.2
 115 67.6 47.6 71.4



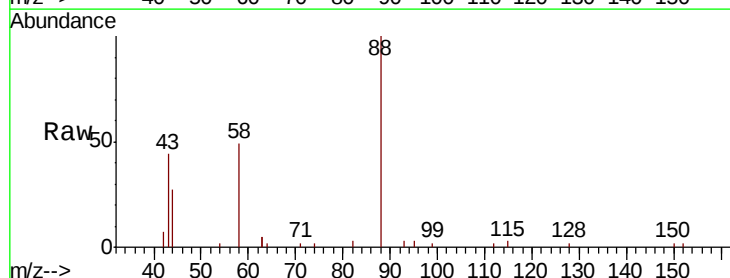
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



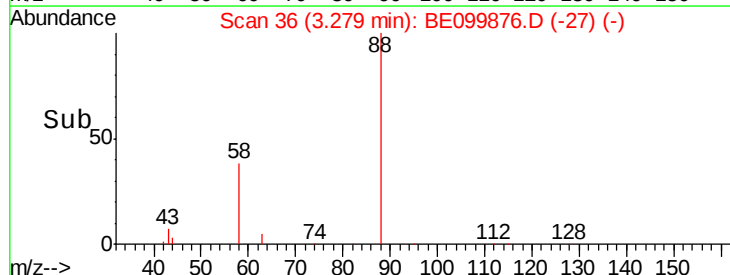
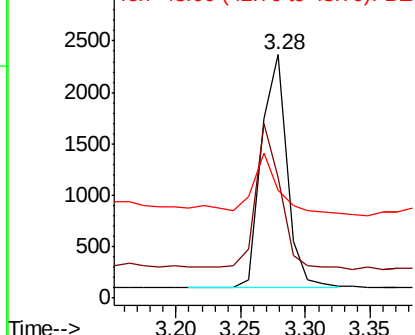
#2

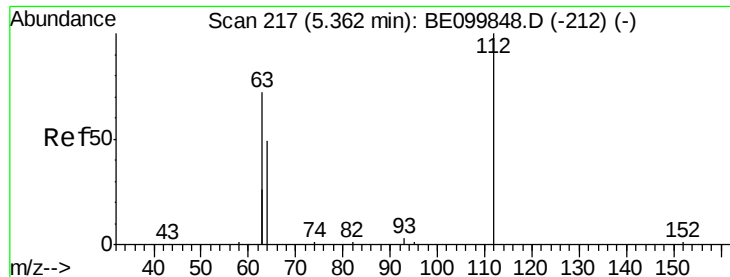
1,4-Dioxane
 Concen: 3.834 ng
 RT: 3.28 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BE099876.D
 Acq: 8 Jun 2019 8:34

Tgt Ion: 88 Resp: 3156
 Ion Ratio Lower Upper
 88 100
 58 56.6 47.3 70.9
 43 24.0 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: 0.113 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190606

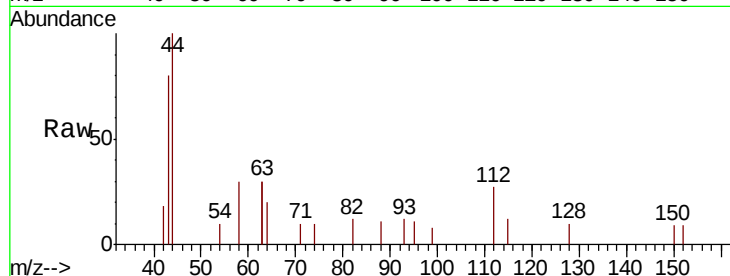
Tot Ion:112 Resp: 233

Ion Ratio Lower Upper

112 100

64 47.2 47.2 70.8

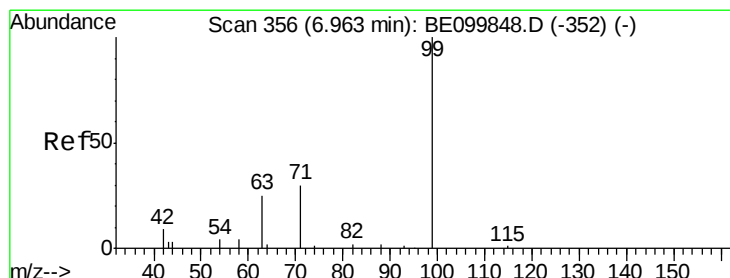
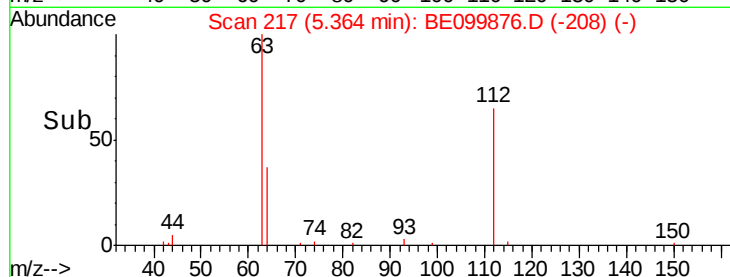
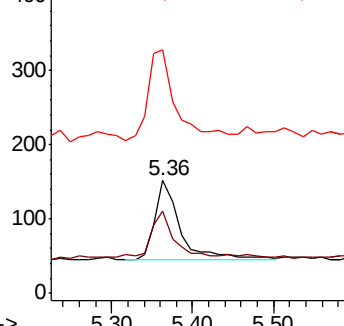
63 125.8 90.7 136.1



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

Phenol-d6

Concen: 0.066 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

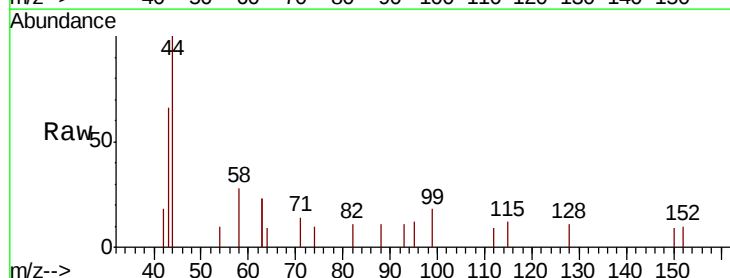
Tgt Ion: 99 Resp: 168

Ion Ratio Lower Upper

99 100

42 12.5 11.0 16.4

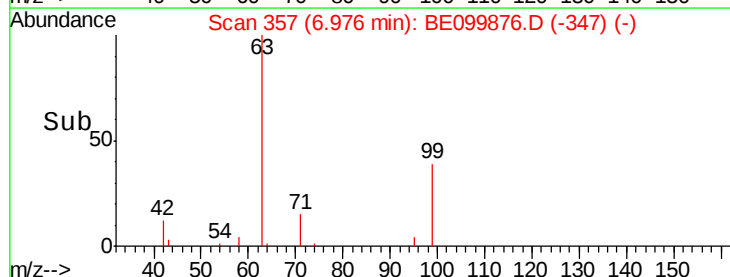
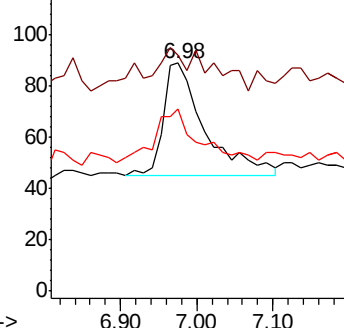
71 50.6 26.1 39.1#

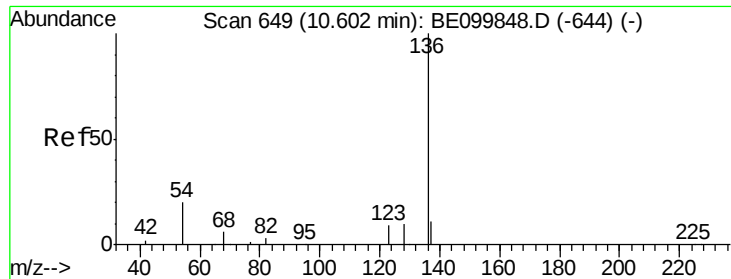


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099876.D

Acq: 8 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190606

Tot Ion:136 Resp: 1953

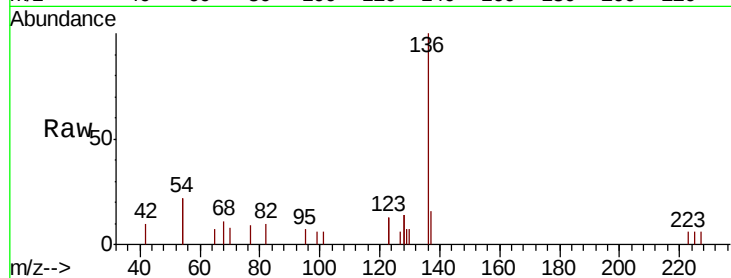
Ion Ratio Lower Upper

136 100

137 15.8 11.1 16.7

54 44.4 17.9 26.9#

68 10.7 5.4 8.0#

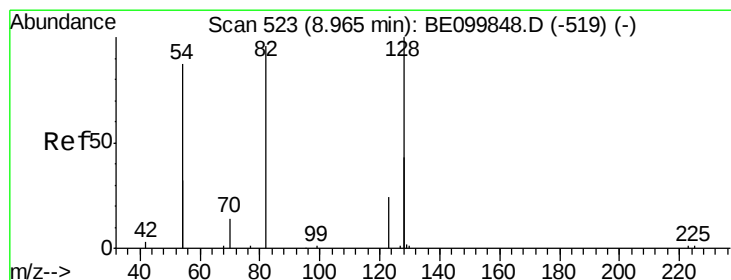
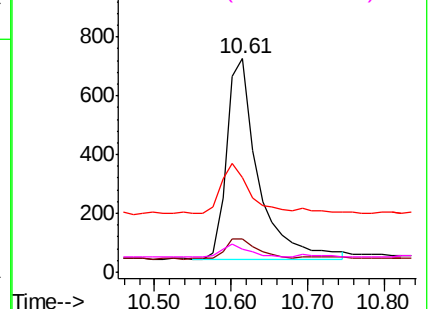
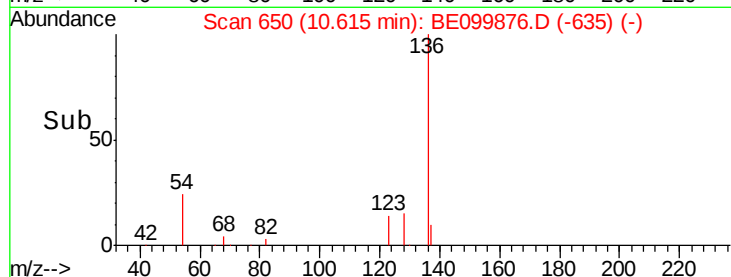


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.352 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

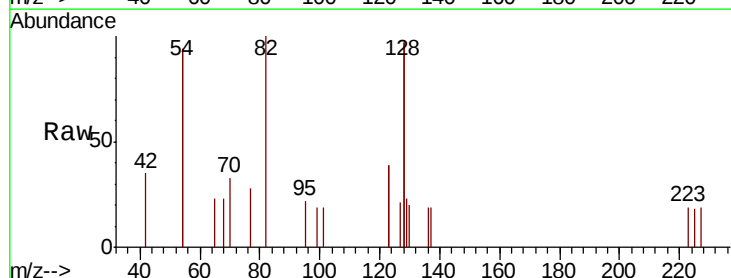
Tgt Ion: 82 Resp: 694

Ion Ratio Lower Upper

82 100

128 194.2 116.6 175.0#

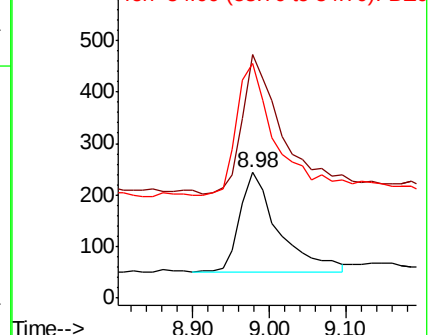
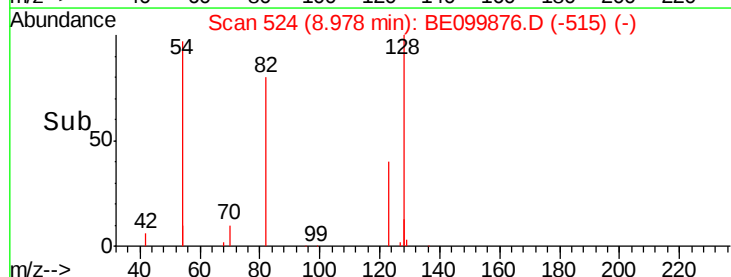
54 187.7 136.2 204.4

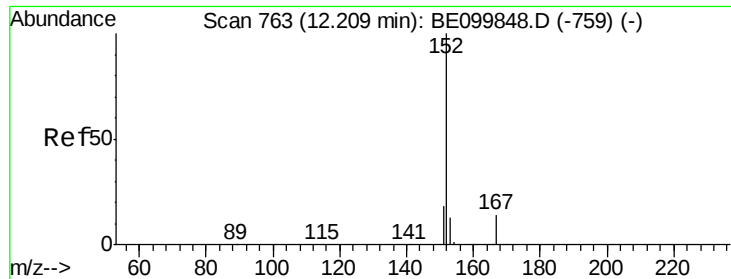


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

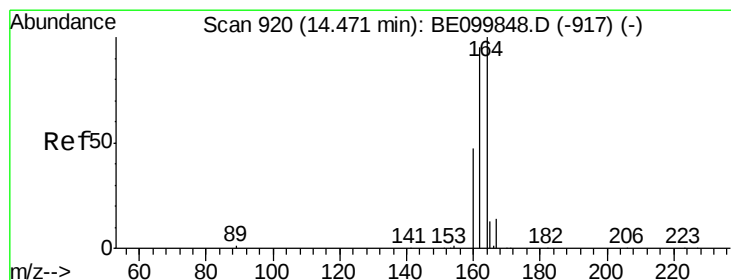
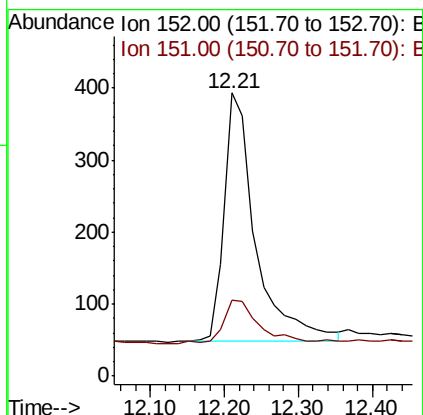
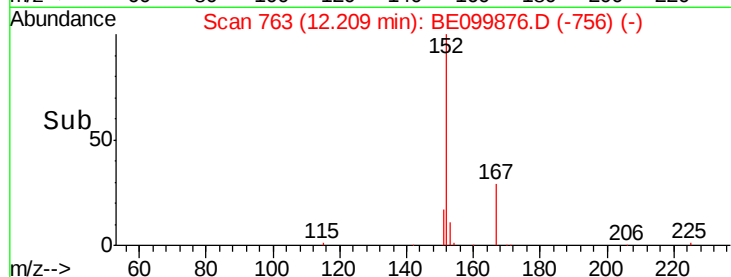
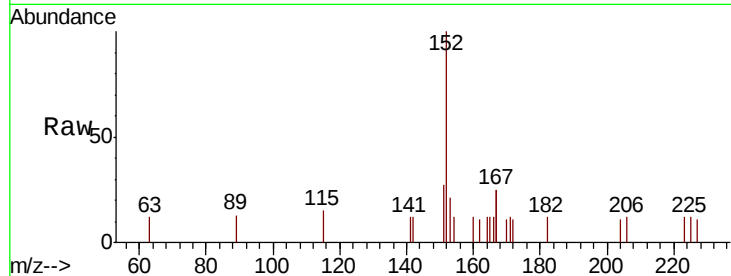




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099876.D
Acq: 8 Jun 2019 8:34

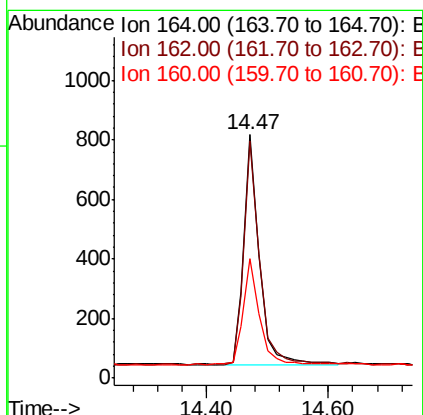
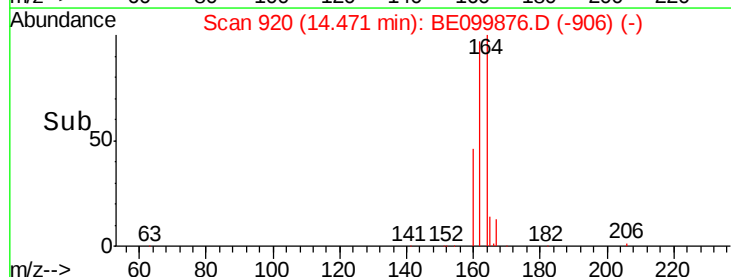
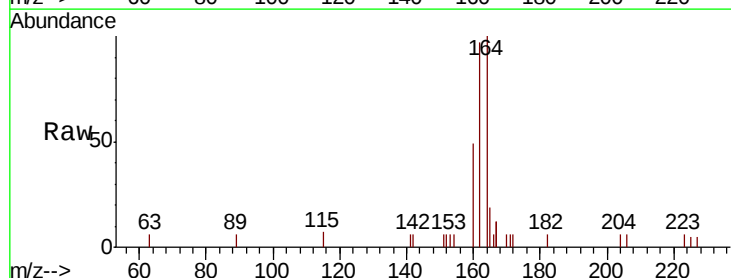
Instrument :
BNA_E
ClientSampleId :
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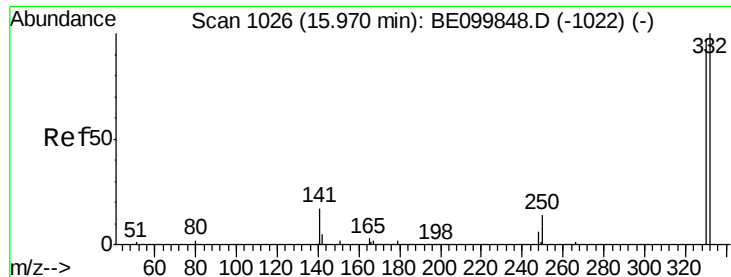
Tot Ion:152 Resp: 1024
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099876.D
Acq: 8 Jun 2019 8:34

Tgt Ion:164 Resp: 1377
Ion Ratio Lower Upper
164 100
162 97.3 77.2 115.8
160 49.0 39.4 59.2





#14

2,4,6-Tribromophenol

Concen: 0.234 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190606

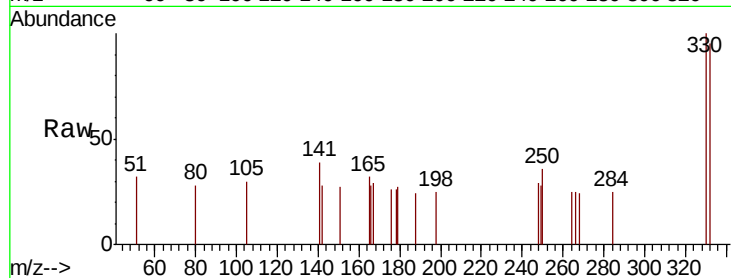
Tot Ion:330 Resp: 319

Ion Ratio Lower Upper

330 100

332 90.3 74.9 112.3

141 27.0 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

15.97

200

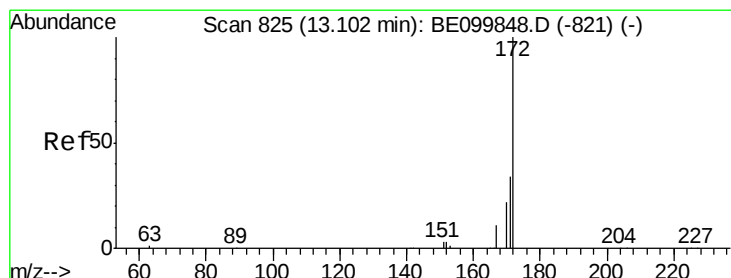
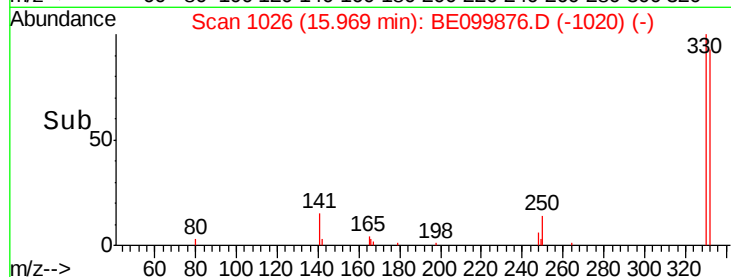
150

100

50

0

Time--> 15.80 16.00 16.20



#15

2-Fluorobiphenyl

Concen: 0.419 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

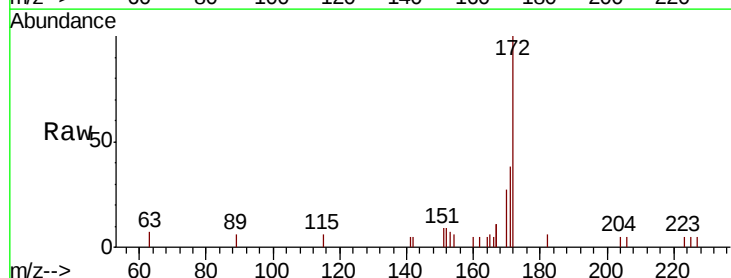
Tgt Ion:172 Resp: 2084

Ion Ratio Lower Upper

172 100

171 37.5 30.2 45.4

170 26.9 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

13.10

1200

1000

800

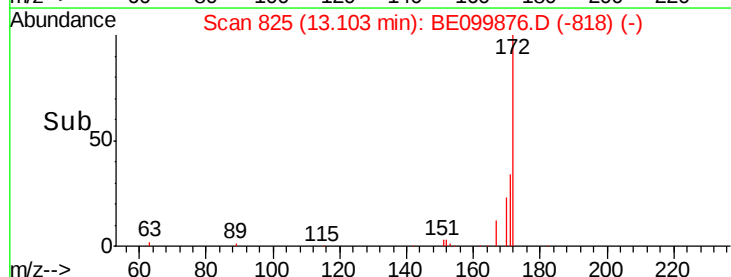
600

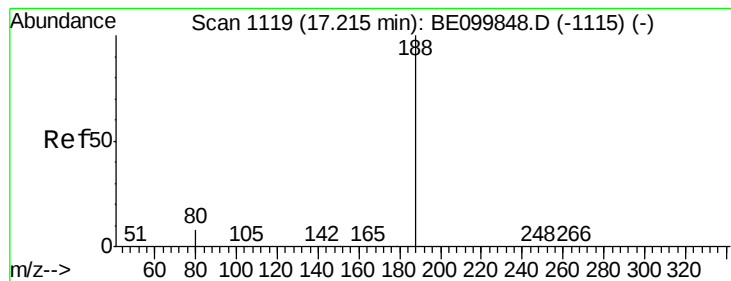
400

200

0

Time--> 13.00 13.20 13.40





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190606

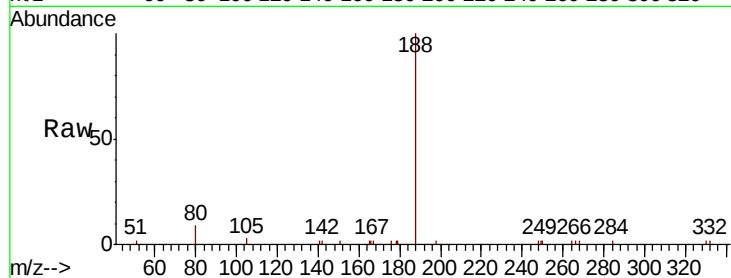
Tot Ion:188 Resp: 4414

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

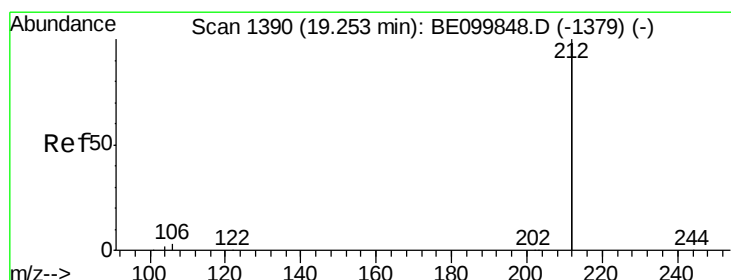
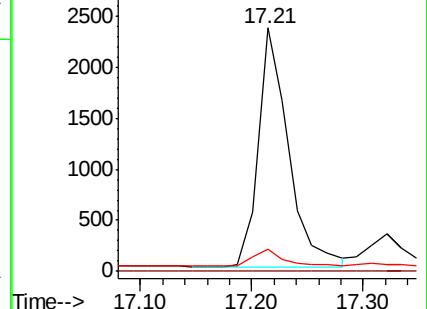
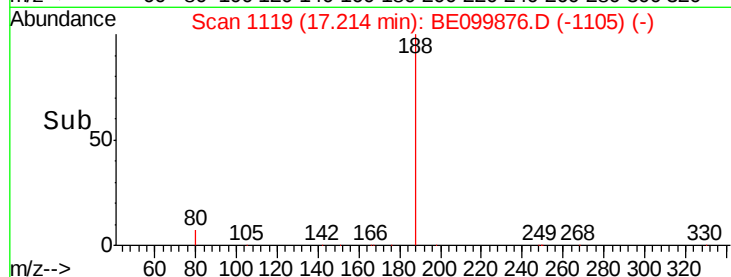
80 9.3 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

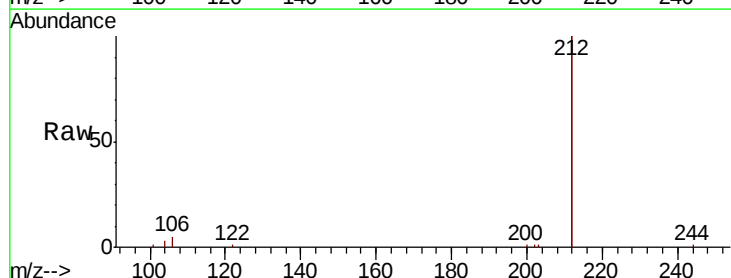
Tgt Ion:212 Resp: 24879

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

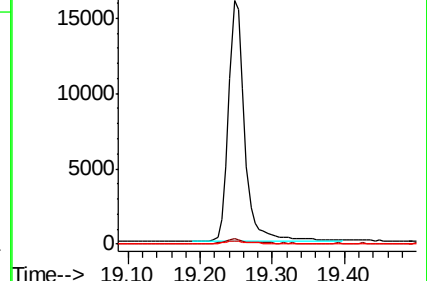
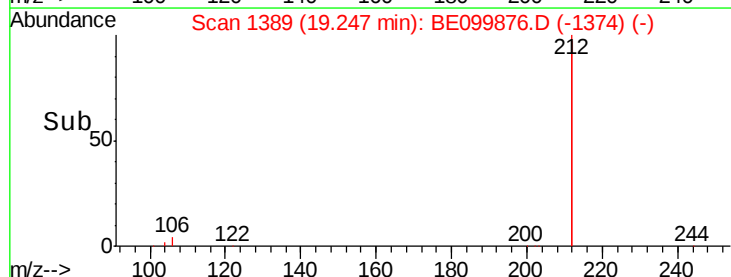
104 1.1 0.8 1.2

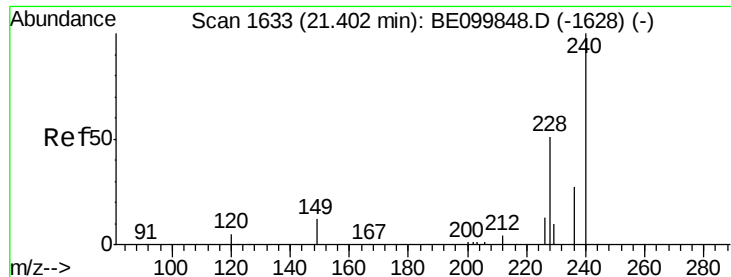


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1633

Delta R.T. -0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

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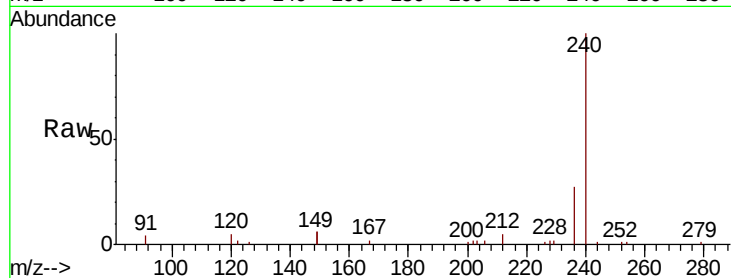
Tot Ion:240 Resp: 9621

Ion Ratio Lower Upper

240 100

120 5.0 2.8 4.2#

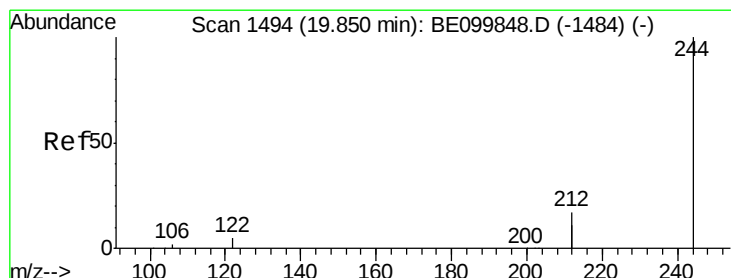
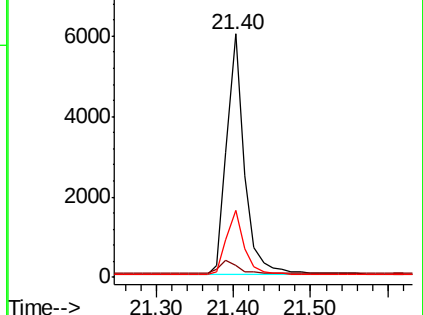
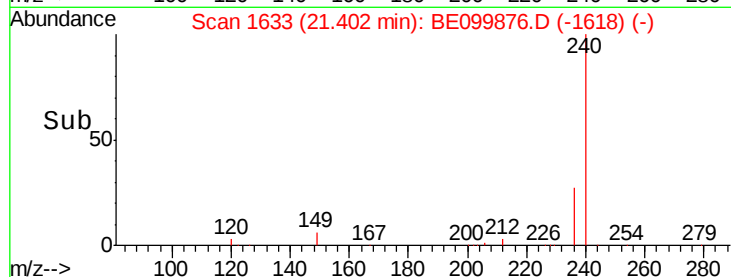
236 27.4 20.9 31.3



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: 0.401 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099876.D

Acq: 8 Jun 2019 8:34

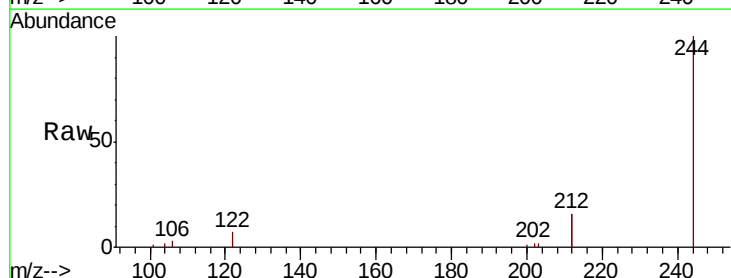
Tgt Ion:244 Resp: 7200

Ion Ratio Lower Upper

244 100

212 32.2 23.7 35.5

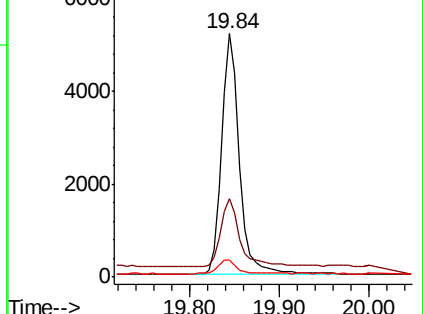
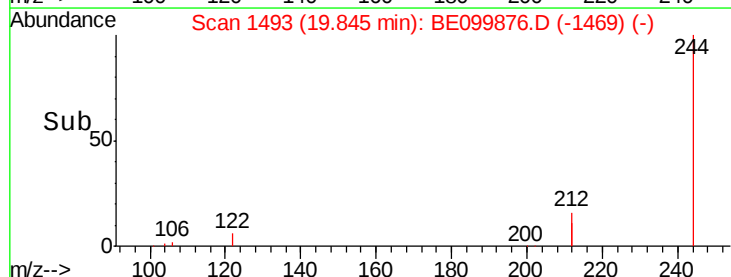
122 7.0 4.8 7.2

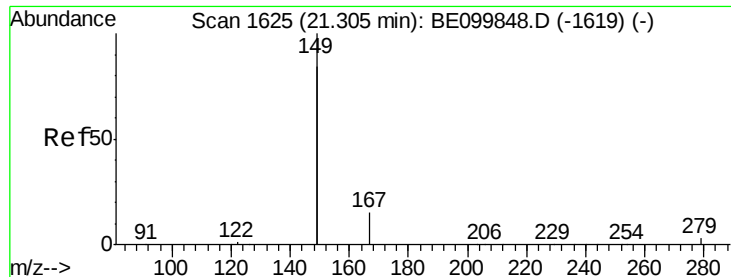


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

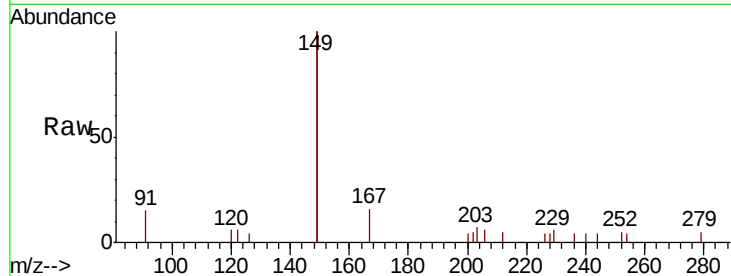




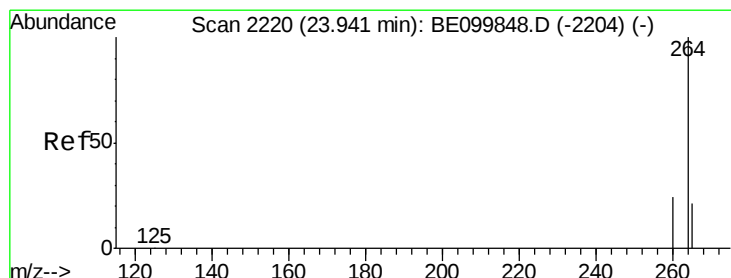
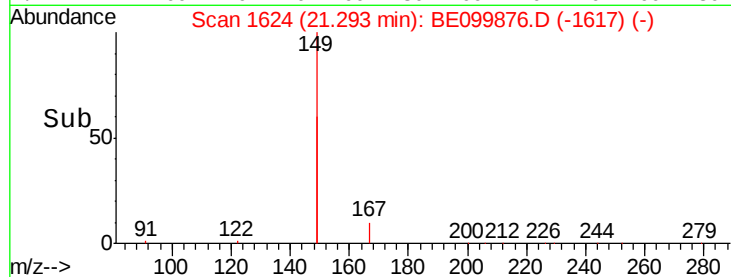
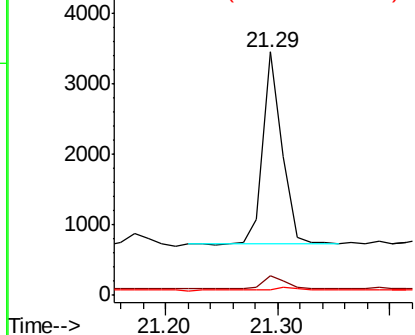
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099876.D
 Acq: 8 Jun 2019 8:34

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20190606

Tot Ion:149 Resp: 3244
 Ion Ratio Lower Upper
 149 100
 167 8.0 6.0 9.0
 279 1.8 1.2 1.8

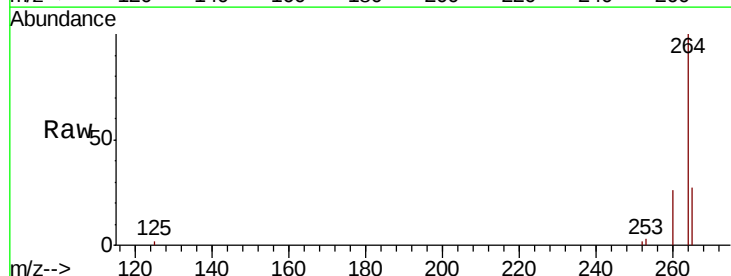


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BE099876.D
 Acq: 8 Jun 2019 8:34

Tgt Ion:264 Resp: 11739
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 26.8 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

