

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
 Data File : BE099835.D
 Acq On : 6 Jun 2019 23:14
 Operator : JU/SJ
 Sample : K3190-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20190604

Quant Time: Jun 07 05:08:43 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

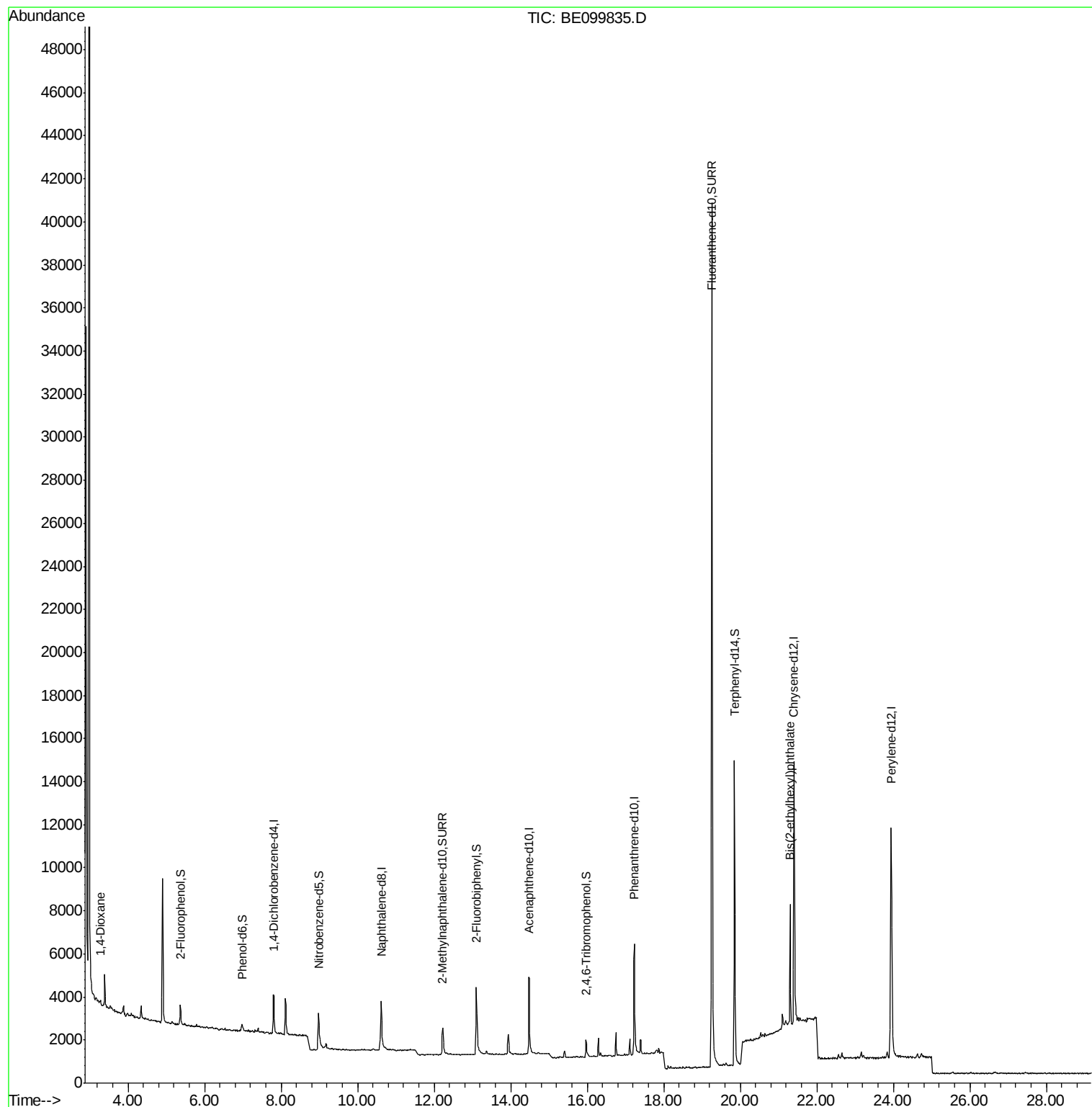
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1186	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4024	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3116	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	10457	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16804	0.40	ng	-0.01
34) Perylene-d12	23.94	264	19296	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	623	0.22	ng	0.00
5) Phenol-d6	6.98	99	477	0.13	ng	0.01
8) Nitrobenzene-d5	8.98	82	1358	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2587	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	781	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4479	0.39	ng	0.00
25) Fluoranthene-d10	19.26	212	63537	0.41	ng	0.00
29) Terphenyl-d14	19.85	244	15200	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	100	0.058	ng	Qvalue # 30
32) Bis(2-ethylhexyl)phthalate	21.31	149	5983	0.112	ng	99

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

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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
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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

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20190604

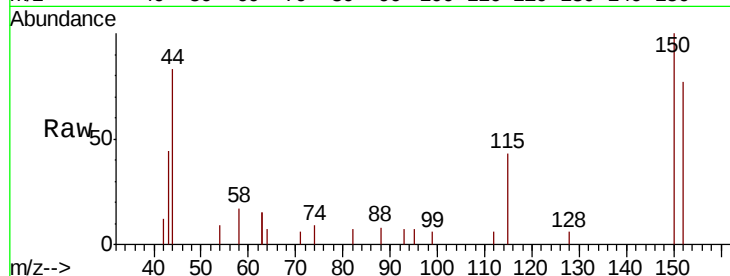
Tot Ion:152 Resp: 1186

Ion Ratio Lower Upper

152 100

150 129.6 112.8 169.2

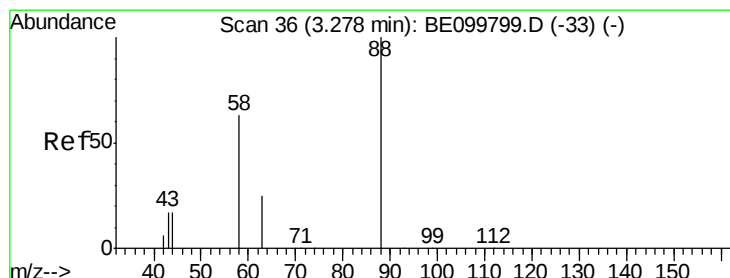
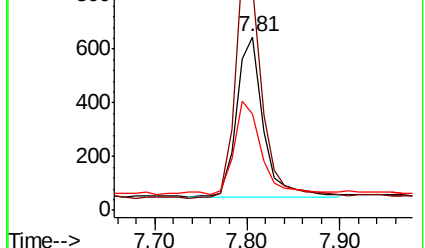
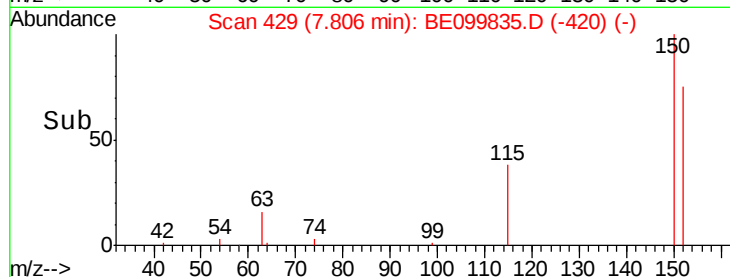
115 56.0 47.6 71.4



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: 0.058 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

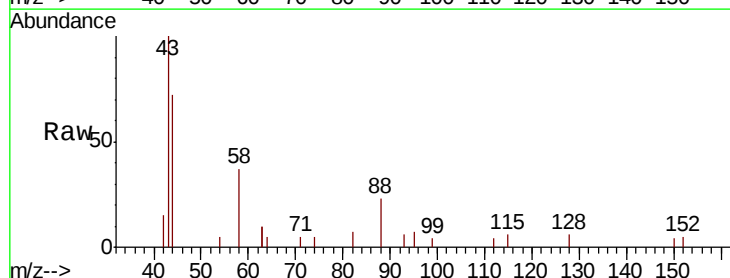
Tgt Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

58 0.0 47.3 70.9#

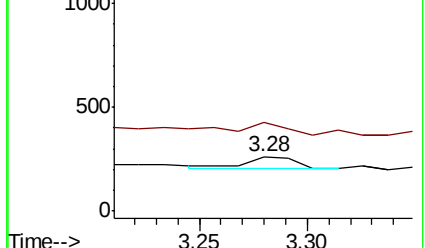
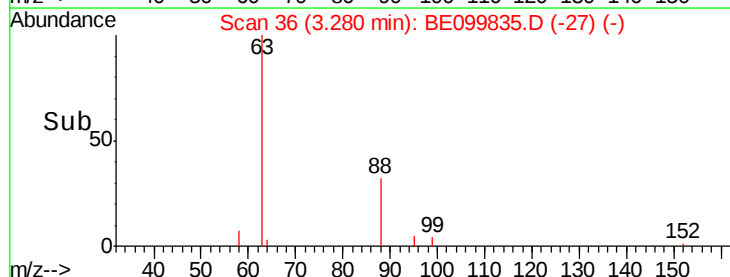
43 0.0 18.2 27.4#

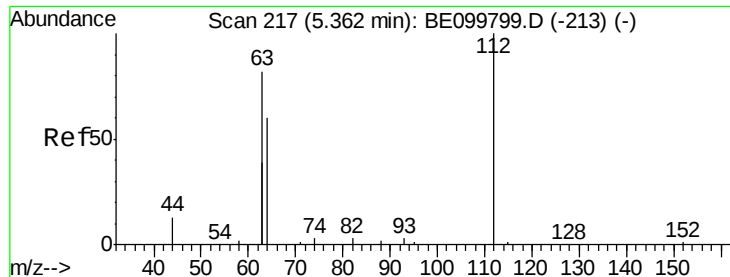


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.216 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20190604

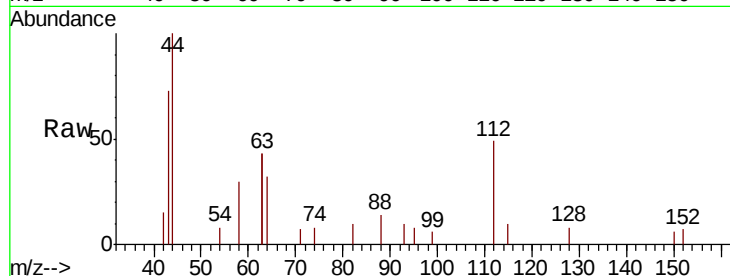
Tot Ion:112 Resp: 623

Ion Ratio Lower Upper

112 100

64 55.2 47.2 70.8

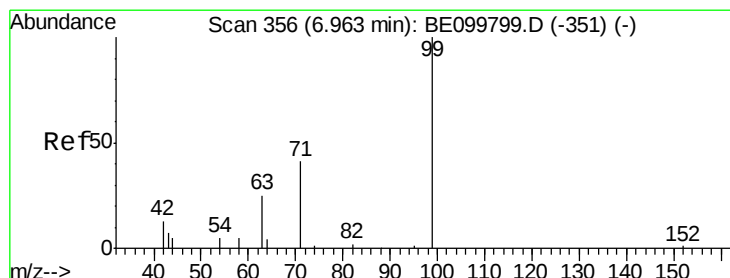
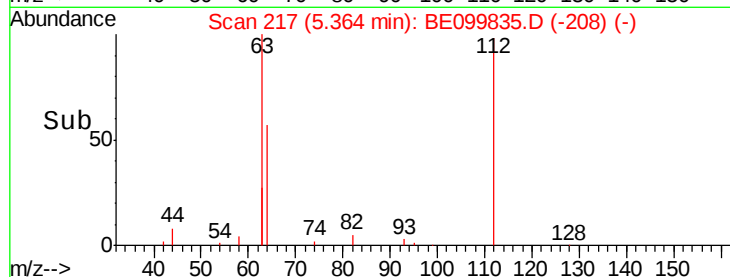
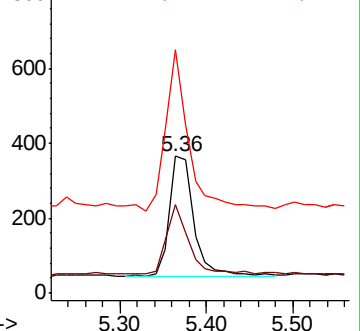
63 120.7 90.7 136.1



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: 0.129 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

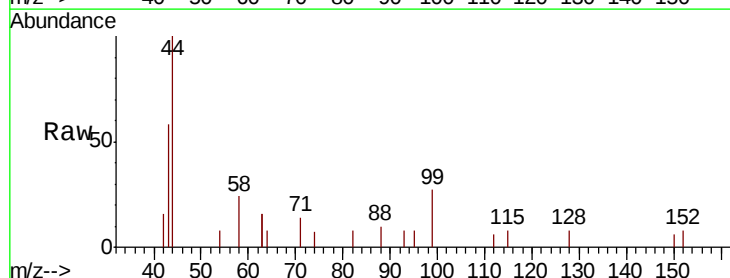
Tgt Ion: 99 Resp: 477

Ion Ratio Lower Upper

99 100

42 20.3 11.0 16.4#

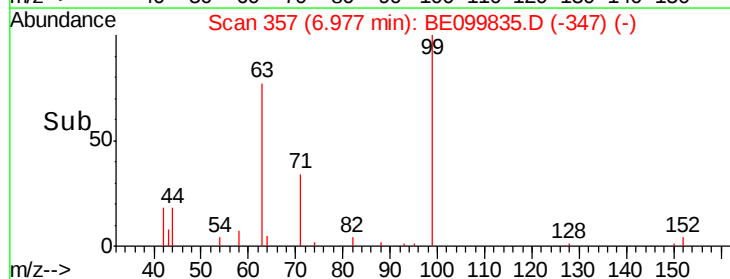
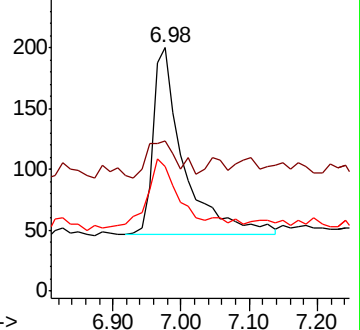
71 36.9 26.1 39.1

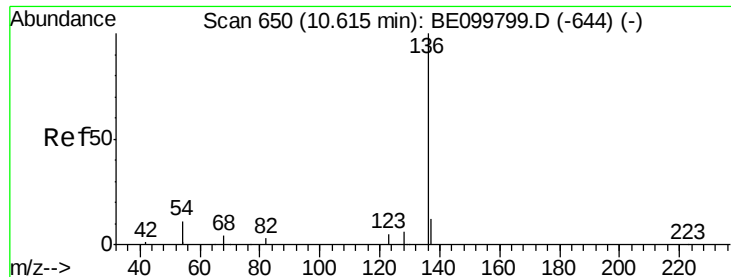


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099835.D

Acq: 6 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20190604

Tot Ion:136 Resp: 4024

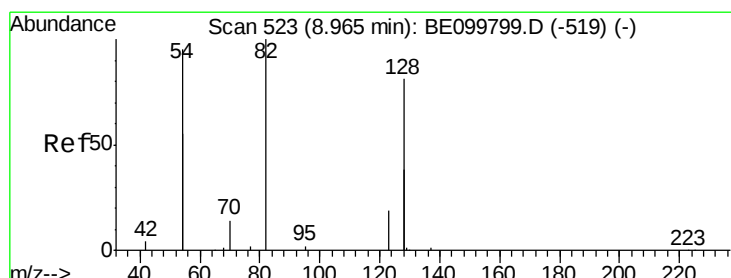
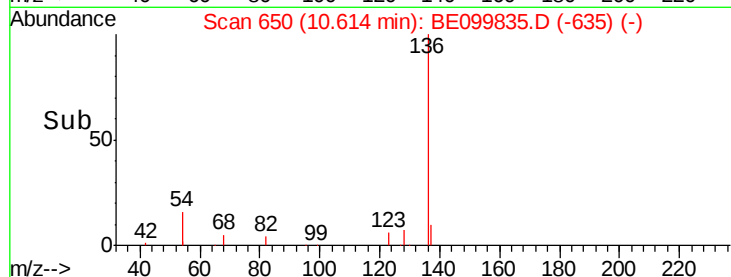
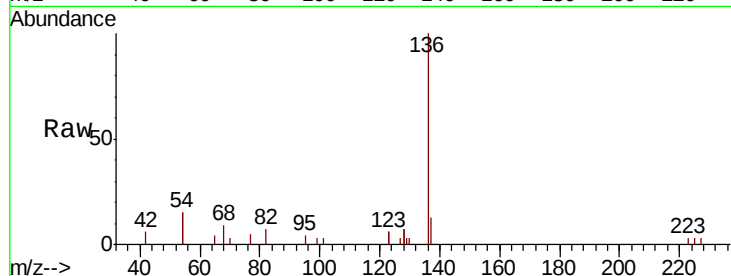
Ion Ratio Lower Upper

136 100

137 13.0 11.1 16.7

54 30.5 17.9 26.9#

68 8.6 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

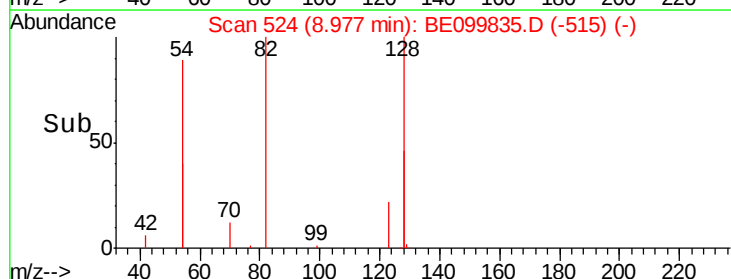
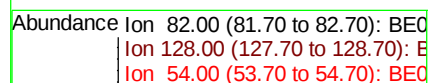
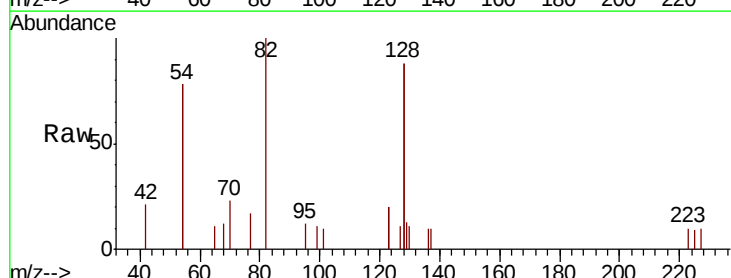
Tgt Ion: 82 Resp: 1358

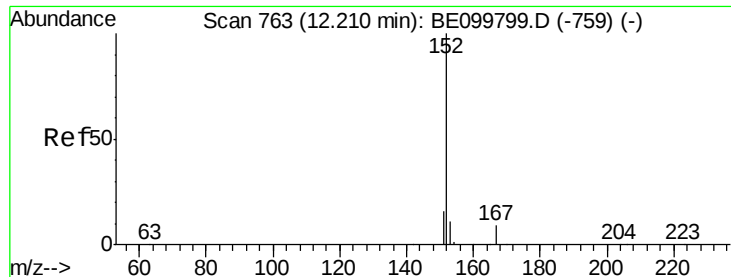
Ion Ratio Lower Upper

82 100

128 176.8 116.6 175.0#

54 156.9 136.2 204.4

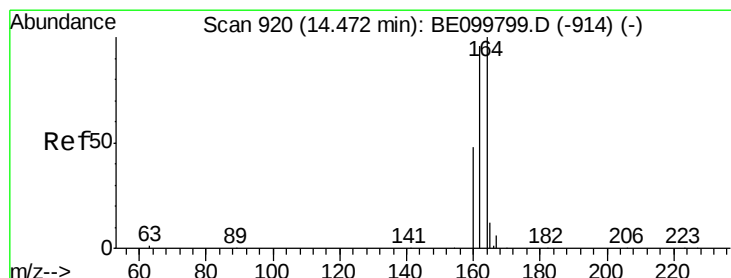
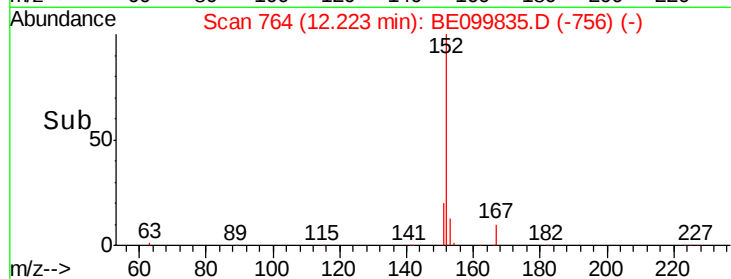
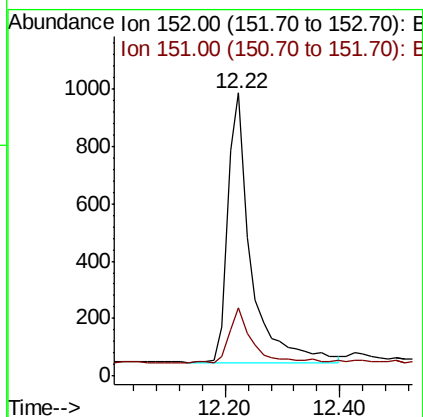
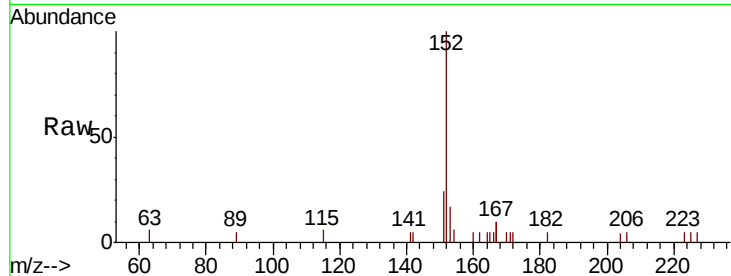




#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE099835.D
 Acq: 6 Jun 2019 23:14

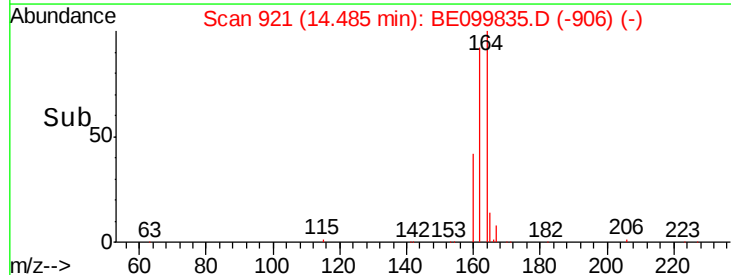
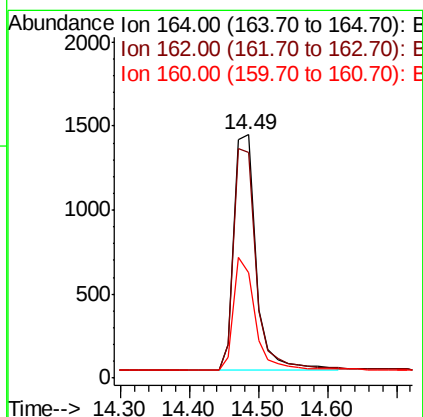
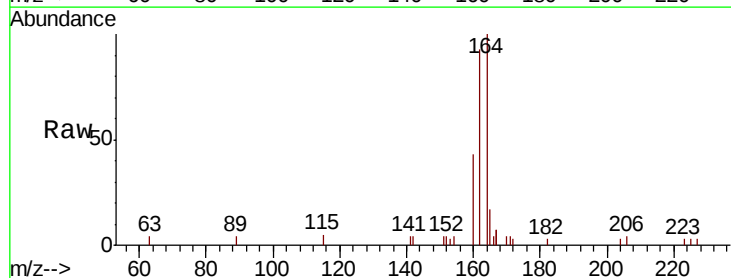
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20190604

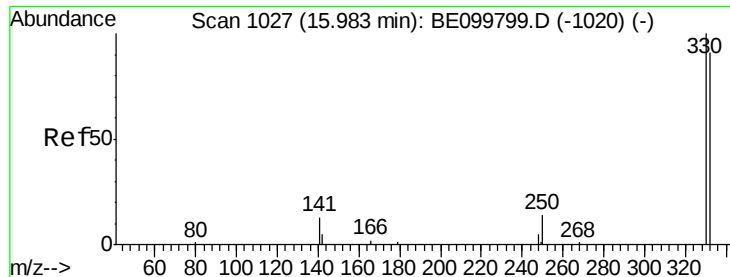
Tot Ion:152 Resp: 2587
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099835.D
 Acq: 6 Jun 2019 23:14

Tgt Ion:164 Resp: 3116
 Ion Ratio Lower Upper
 164 100
 162 92.5 77.2 115.8
 160 43.4 39.4 59.2





#14

2,4,6-Tribromophenol

Concen: 0.461 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20190604

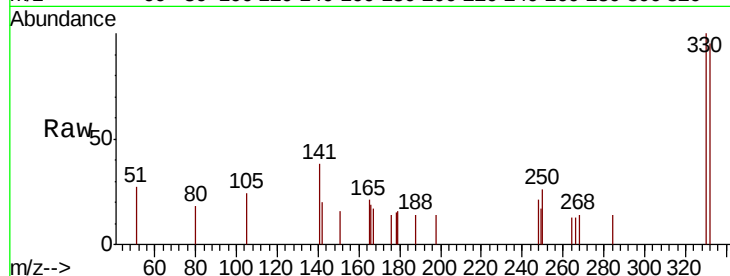
Tot Ion:330 Resp: 781

Ion Ratio Lower Upper

330 100

332 92.8 74.9 112.3

141 25.1 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

15.97

400

300

200

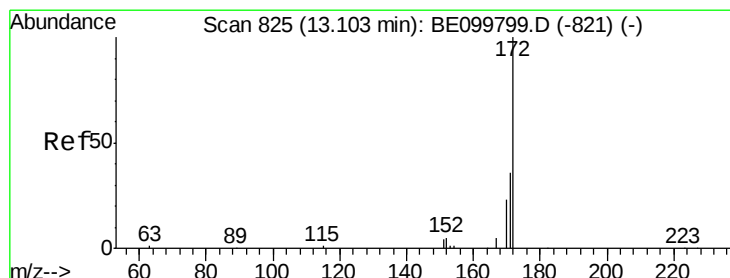
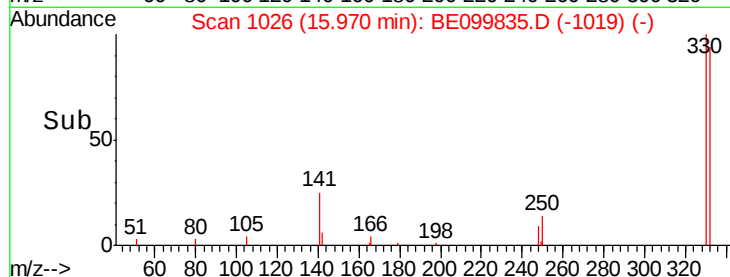
100

0

16.00

16.20

Time-->



#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

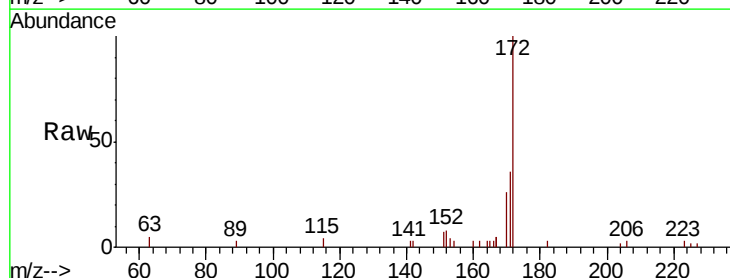
Tgt Ion:172 Resp: 4479

Ion Ratio Lower Upper

172 100

171 35.9 30.2 45.4

170 25.9 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

2500

2000

1500

1000

500

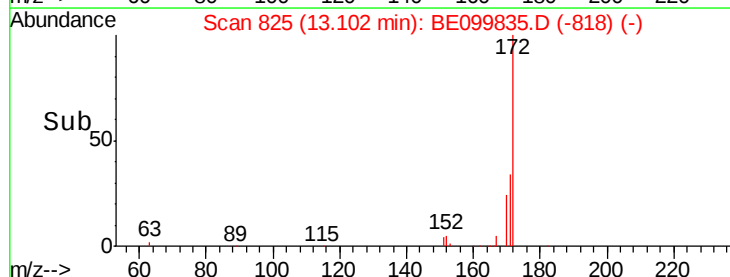
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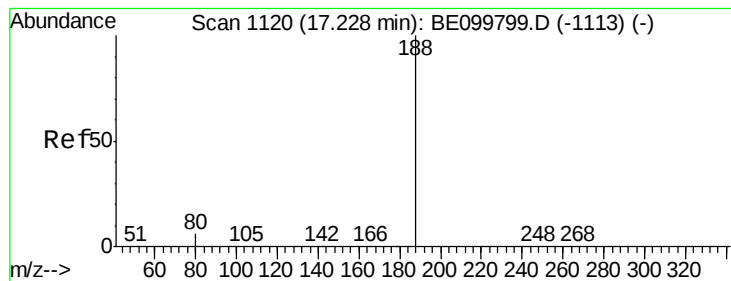
13.00

13.20

13.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

Instrument :

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BPS1-TT-MW30411-20190604

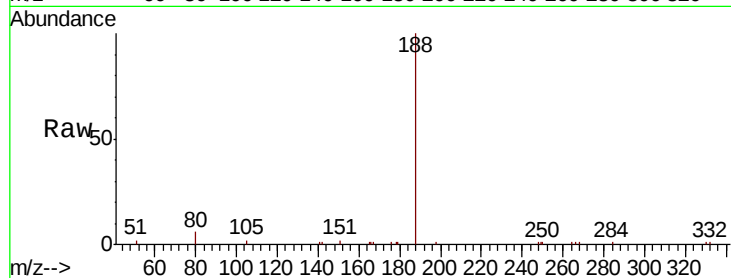
Tot Ion:188 Resp: 10457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

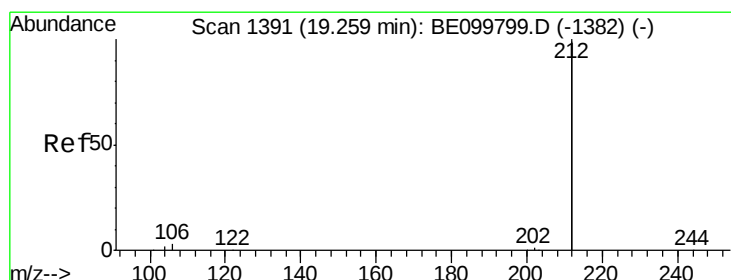
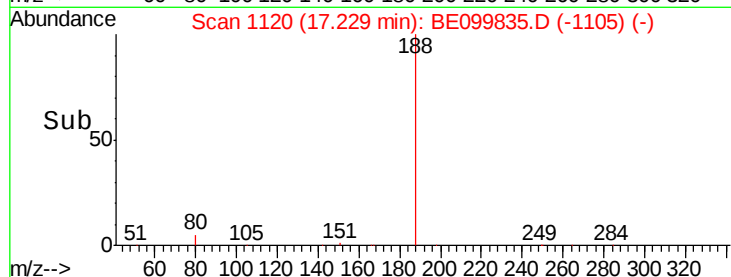
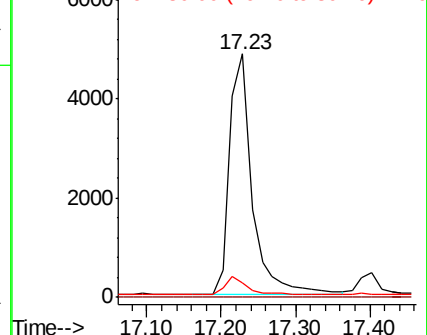
80 5.9 5.2 7.8



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: 0.409 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

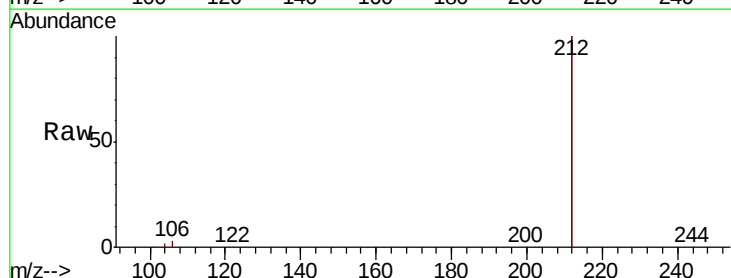
Tgt Ion:212 Resp: 63537

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

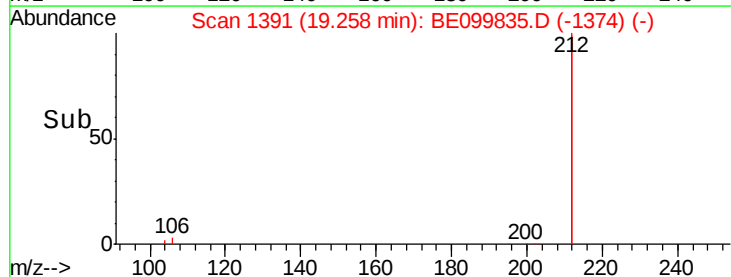
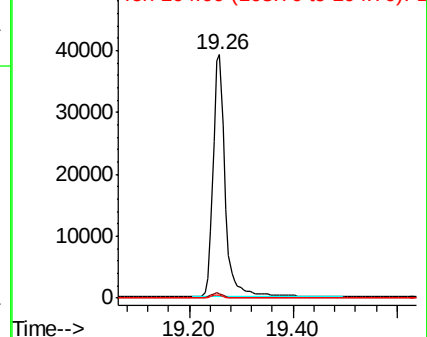
104 1.0 0.8 1.2

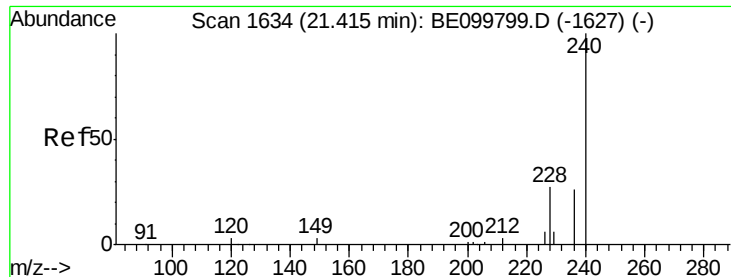


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

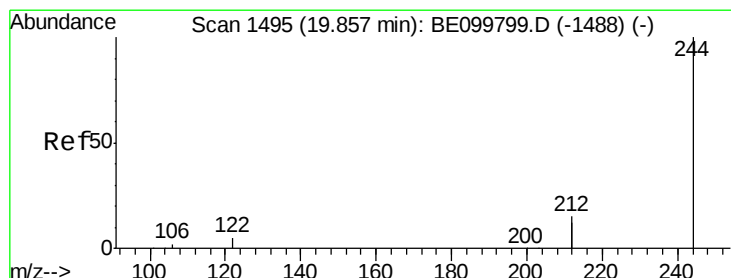
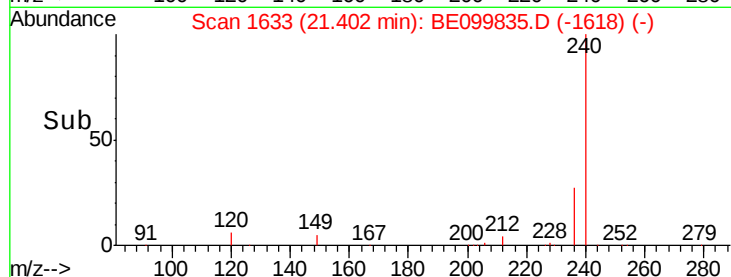
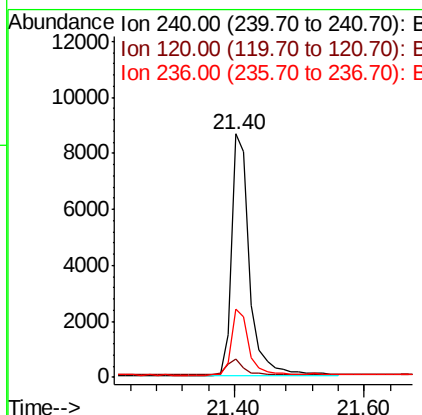
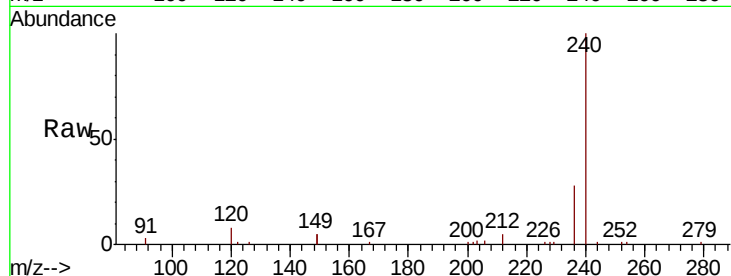




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099835.D
 Acq: 6 Jun 2019 23:14

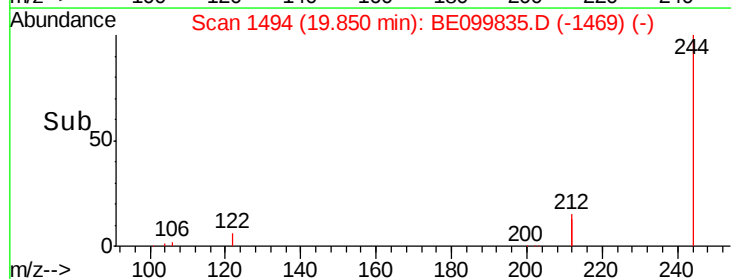
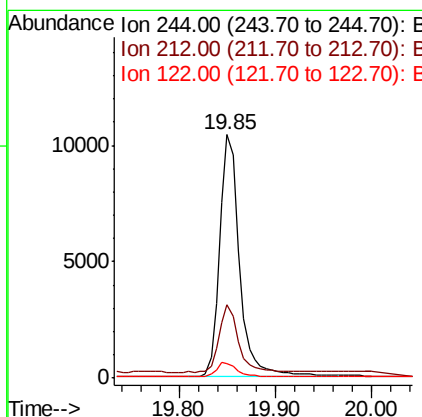
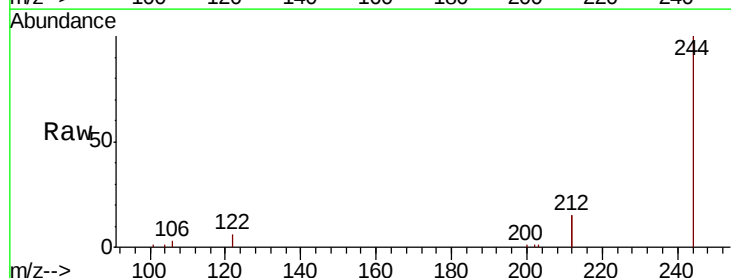
Instrument :
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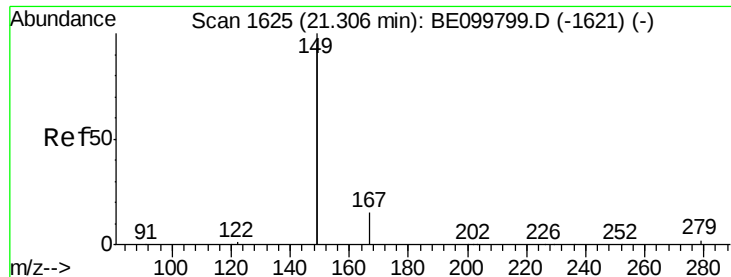
Tot Ion:240 Resp: 16804
 Ion Ratio Lower Upper
 240 100
 120 7.5 2.8 4.2#
 236 28.2 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.552 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BE099835.D
 Acq: 6 Jun 2019 23:14

Tgt Ion:244 Resp: 15200
 Ion Ratio Lower Upper
 244 100
 212 30.0 23.7 35.5
 122 6.1 4.8 7.2





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20190604

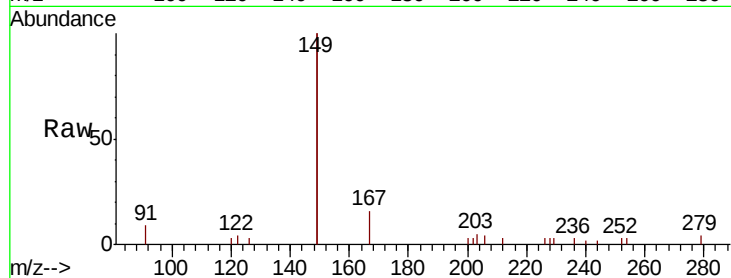
Tot Ion:149 Resp: 5983

Ion Ratio Lower Upper

149 100

167 7.9 6.0 9.0

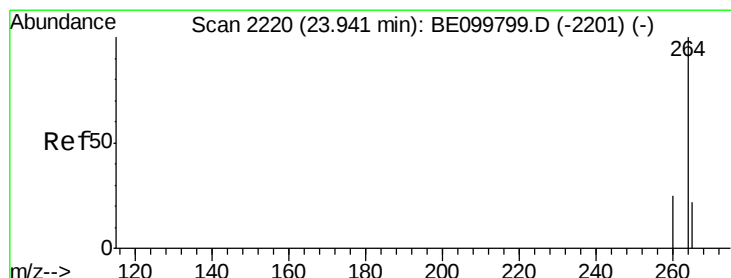
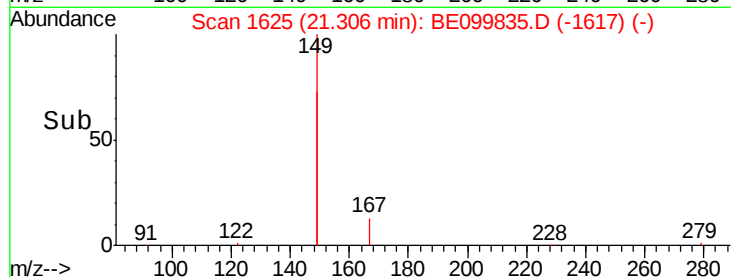
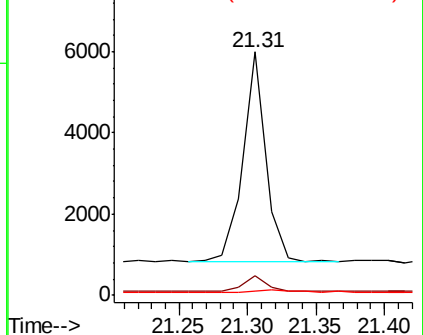
279 1.8 1.2 1.8



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: 23.94 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BE099835.D

Acq: 6 Jun 2019 23:14

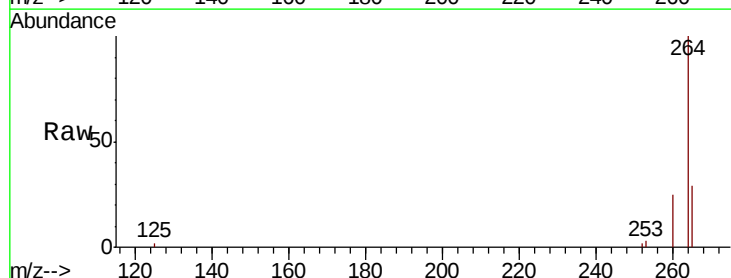
Tgt Ion:264 Resp: 19296

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 29.0 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

