

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099965.D
 Acq On : 12 Jun 2019 20:24
 Operator : JU/SJ
 Sample : K3280-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW29D-20190608

Quant Time: Jun 13 05:21:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

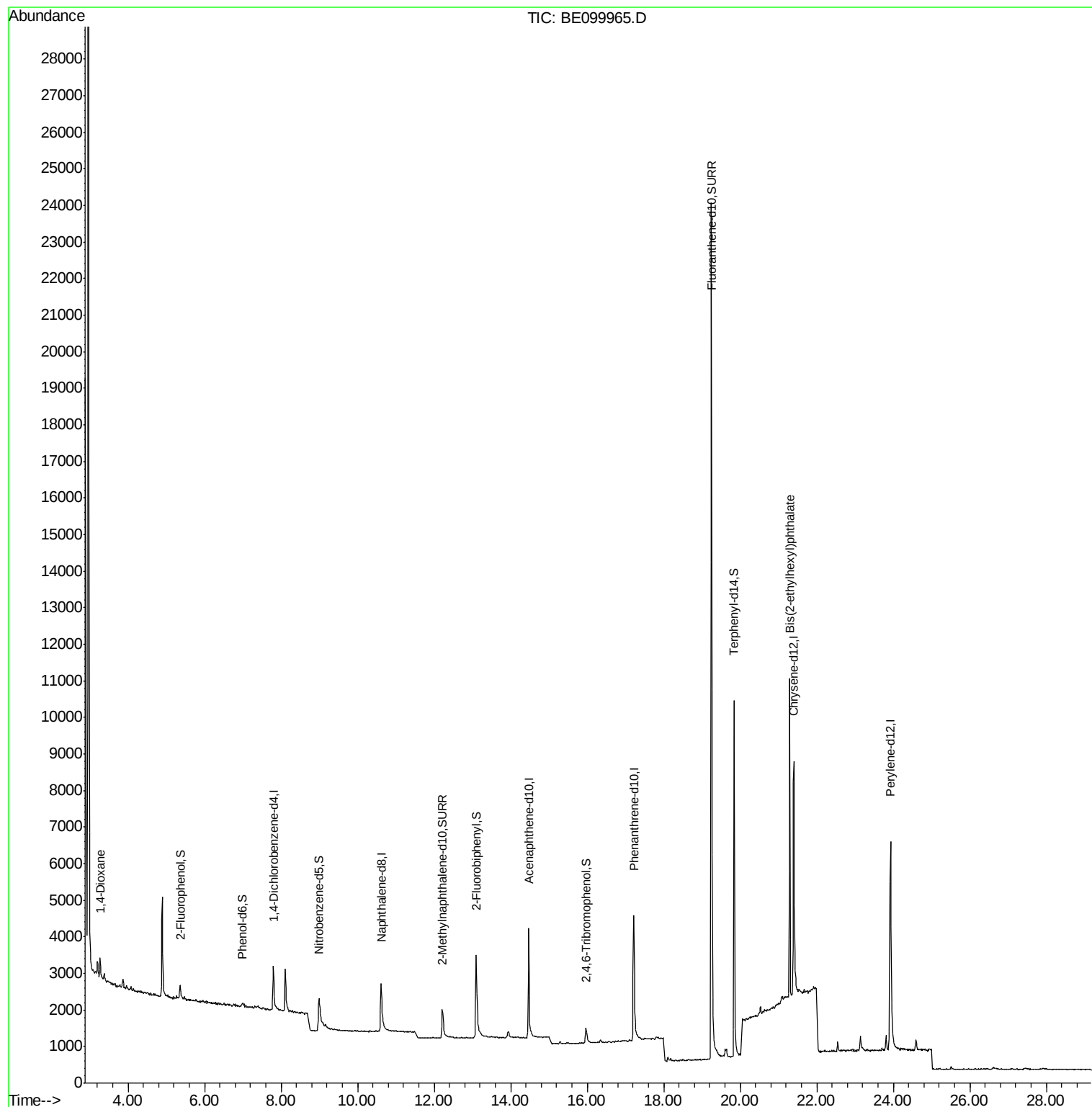
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	891	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3045	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2333	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7307	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9870	0.40	ng	0.00
34) Perylene-d12	23.93	264	11184	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	350	0.15	ng	0.00
5) Phenol-d6	6.98	99	235	0.08	ng	0.00
8) Nitrobenzene-d5	8.99	82	1050	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1872	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	518	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4300	0.49	ng	0.00
25) Fluoranthene-d10	19.25	212	38280	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	10425	0.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	446	0.338	ng	Qvalue # 88
32) Bis(2-ethylhexyl)phthalate	21.29	149	9626	0.227	ng	99

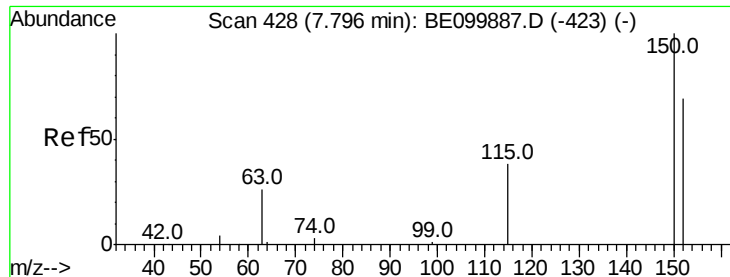
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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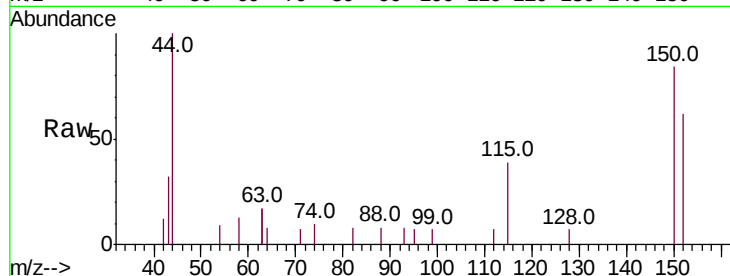


#1

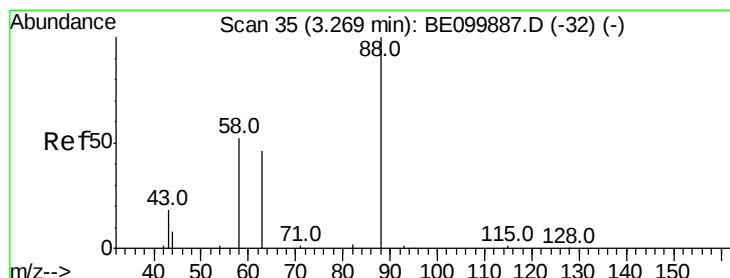
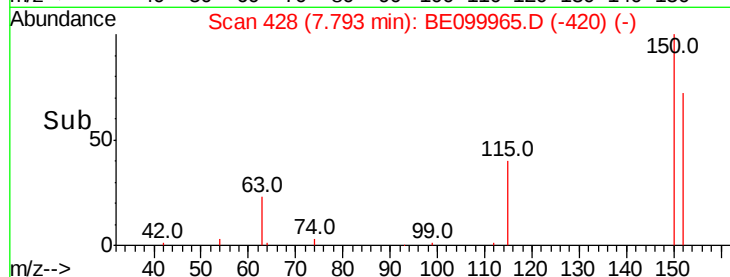
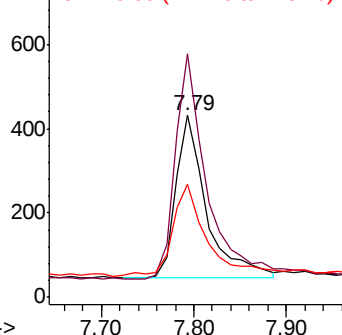
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099965.D
Acq: 12 Jun 2019 20:24

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW29D-20190608

Tot Ion:152 Resp: 891
Ion Ratio Lower Upper
152 100
150 133.9 111.0 166.6
115 62.4 50.7 76.1



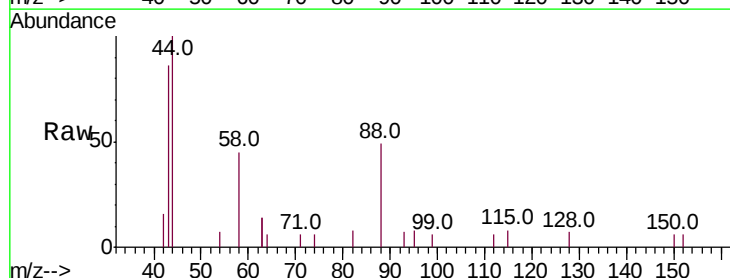
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



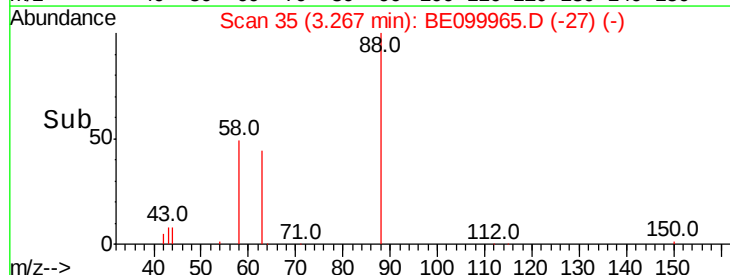
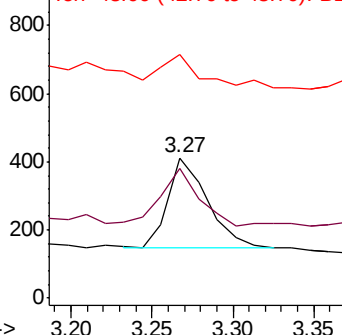
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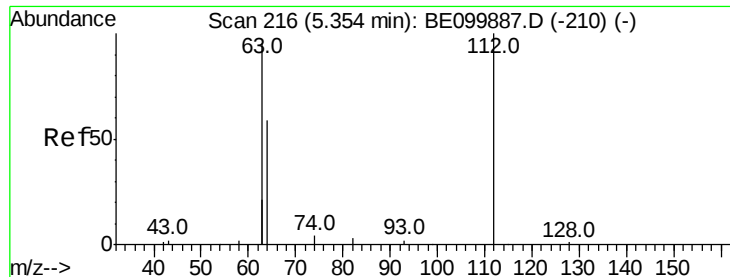
1,4-Dioxane
Concen: 0.338 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099965.D
Acq: 12 Jun 2019 20:24

Tgt Ion: 88 Resp: 446
Ion Ratio Lower Upper
88 100
58 56.5 48.8 73.2
43 37.4 19.0 28.6#



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: 0.146 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190608

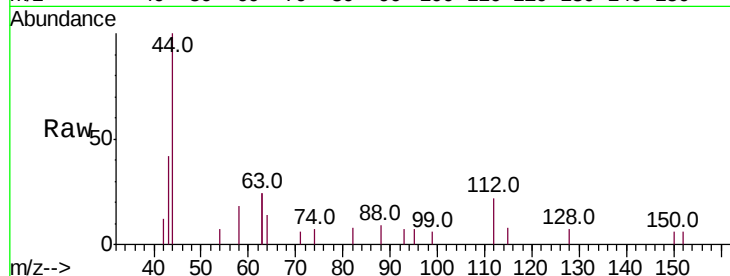
Tot Ion:112 Resp: 350

Ion Ratio Lower Upper

112 100

64 55.4 44.1 66.1

63 134.0 87.8 131.6#



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

500

400

300

200

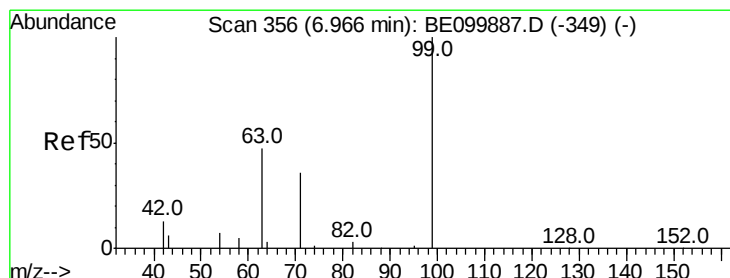
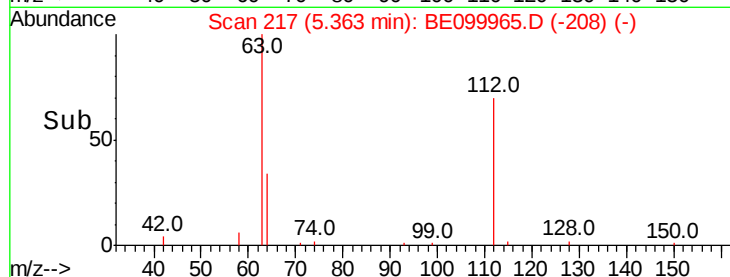
100

0

5.20 5.30 5.40 5.50 5.60

5.36

Time-->



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

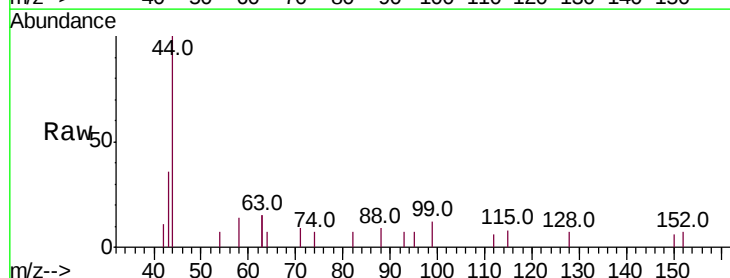
Tgt Ion: 99 Resp: 235

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 28.9 34.6 52.0#



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

120

100

80

60

40

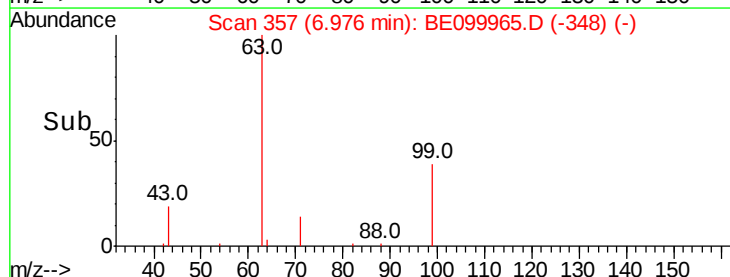
20

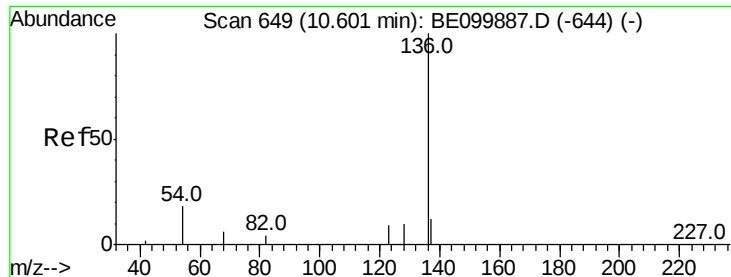
0

6.90 7.00 7.10 7.20

6.98

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190608

Tot Ion:136 Resp: 3045

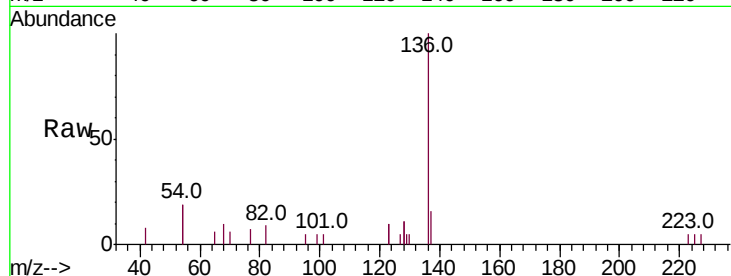
Ion Ratio Lower Upper

136 100

137 15.6 12.3 18.5

54 37.5 28.2 42.4

68 9.6 7.8 11.8

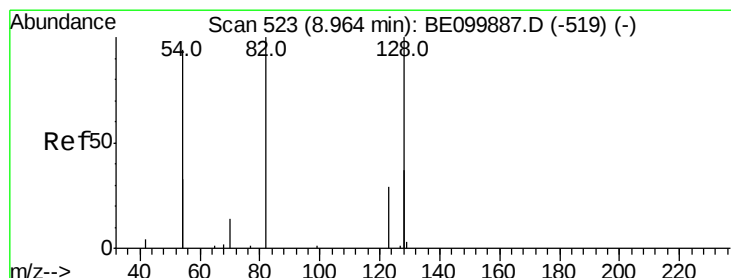
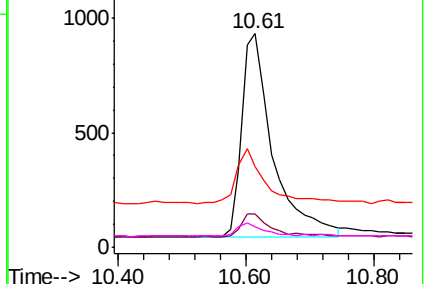
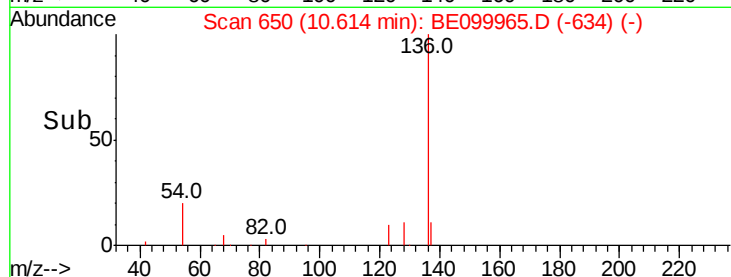


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

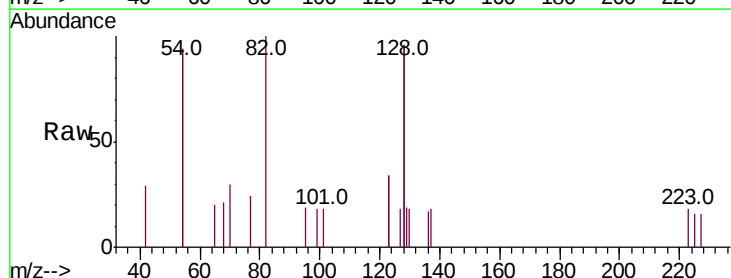
Tgt Ion: 82 Resp: 1050

Ion Ratio Lower Upper

82 100

128 192.5 137.3 205.9

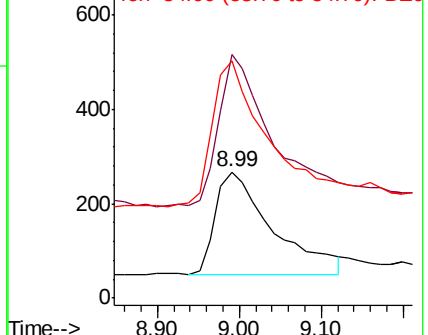
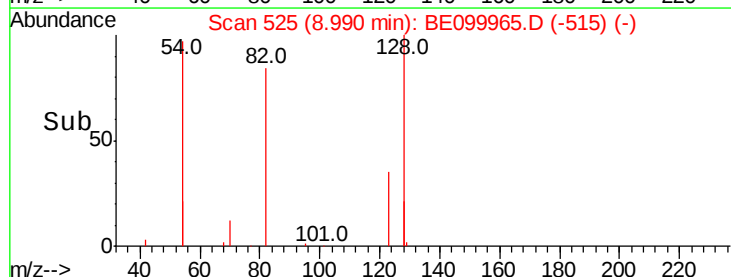
54 187.3 129.7 194.5

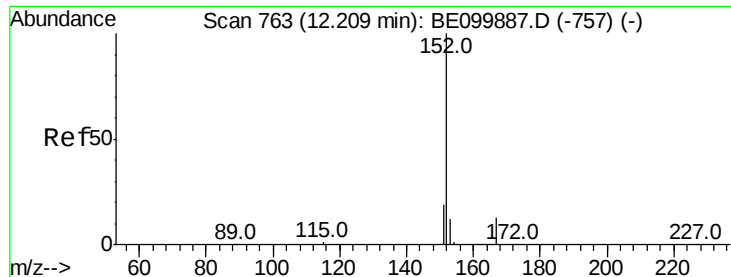


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

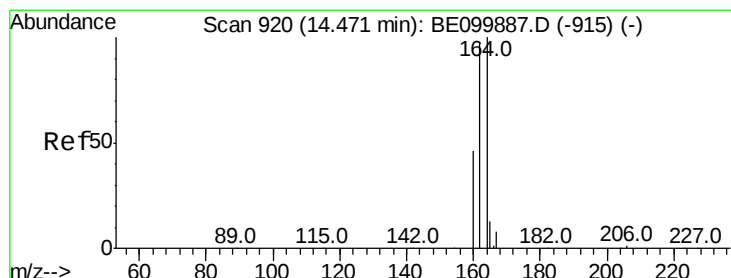
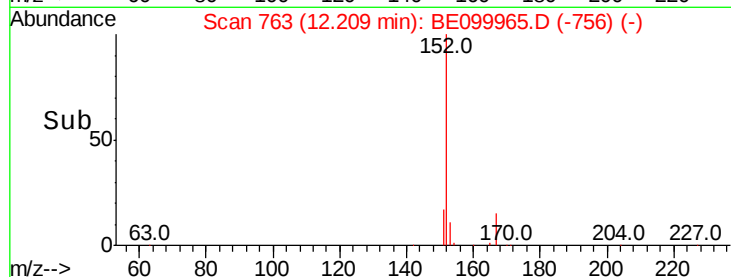
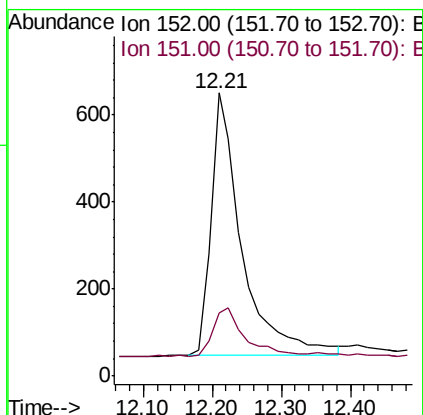
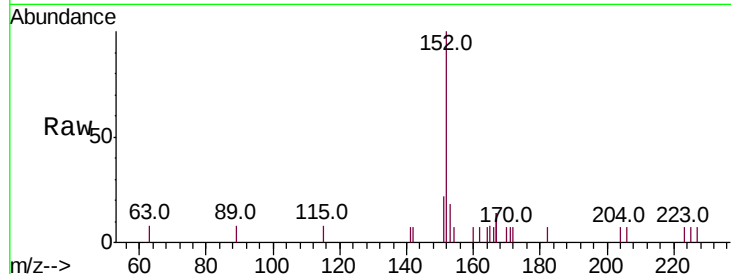




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099965.D
Acq: 12 Jun 2019 20:24

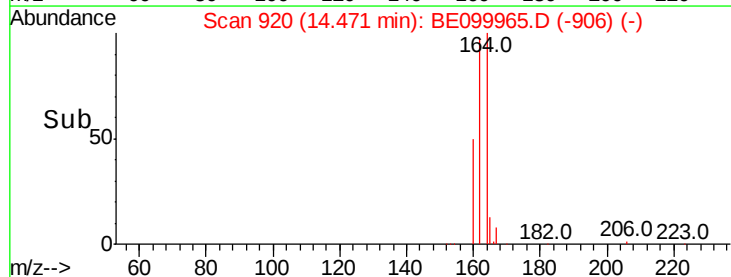
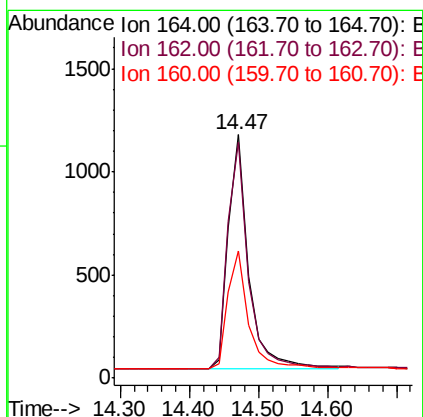
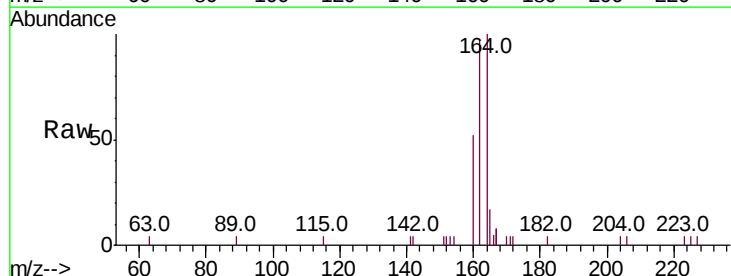
Instrument :
BNA_E
ClientSampleId :
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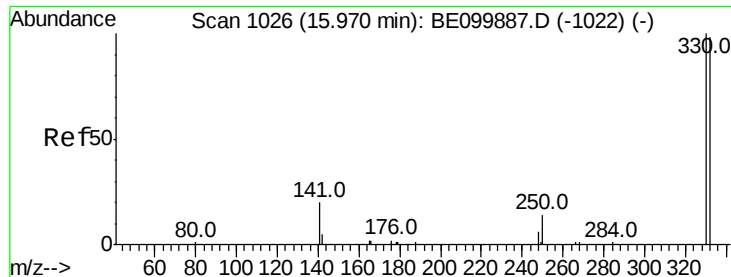
Tot Ion:152 Resp: 1872
Ion Ratio Lower Upper
152 100
151 19.7 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099965.D
Acq: 12 Jun 2019 20:24

Tgt Ion:164 Resp: 2333
Ion Ratio Lower Upper
164 100
162 96.9 77.8 116.8
160 52.0 38.2 57.4





#14

2,4,6-Tribromophenol

Concen: 0.300 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190608

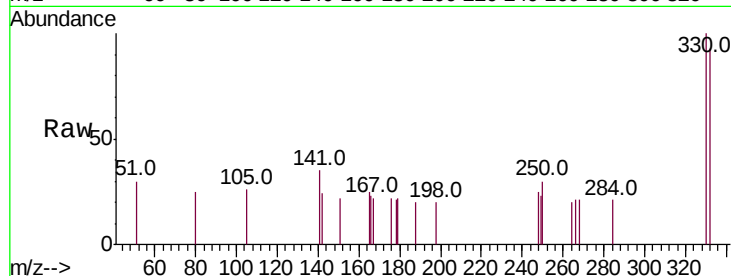
Tot Ion:330 Resp: 518

Ion Ratio Lower Upper

330 100

332 92.1 76.7 115.1

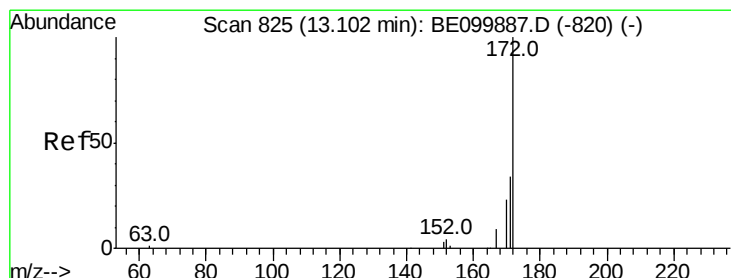
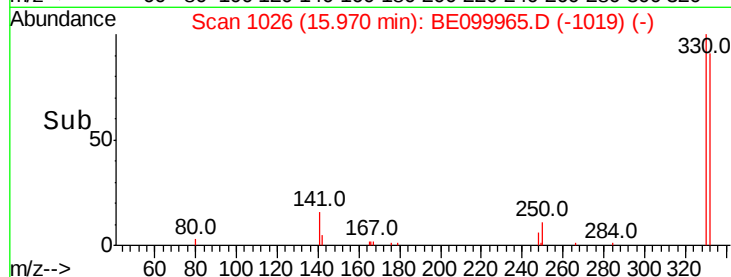
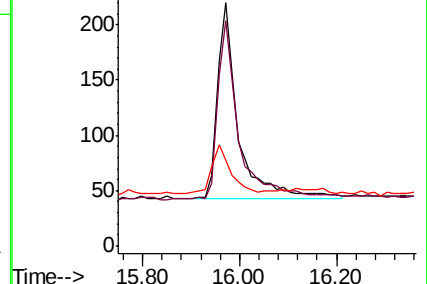
141 20.3 21.0 31.6#



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: 0.486 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

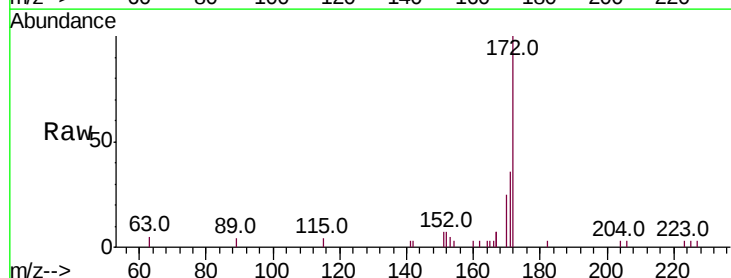
Tgt Ion:172 Resp: 4300

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

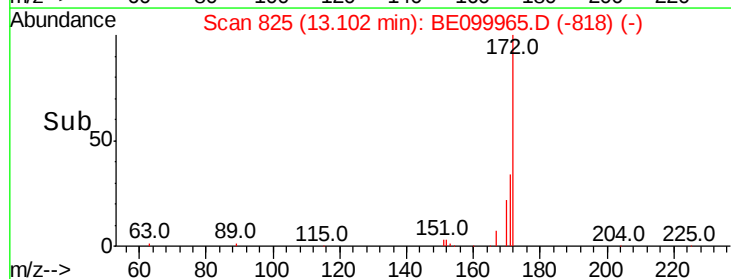
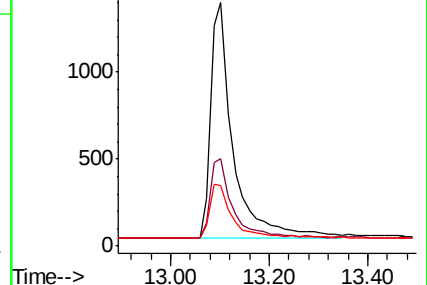
170 24.8 21.2 31.8

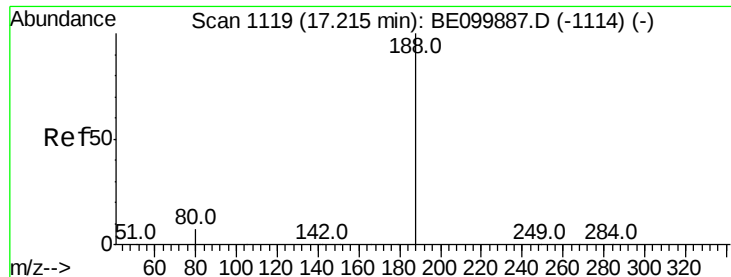


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

Instrument :

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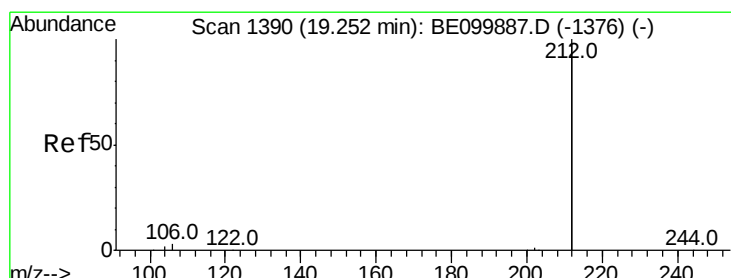
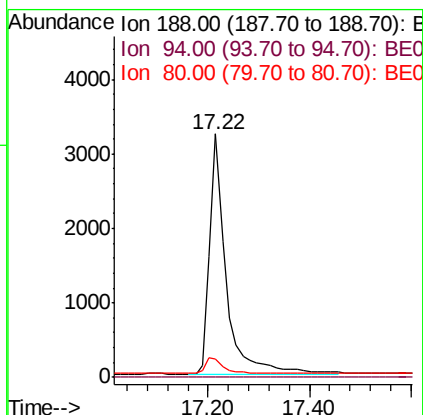
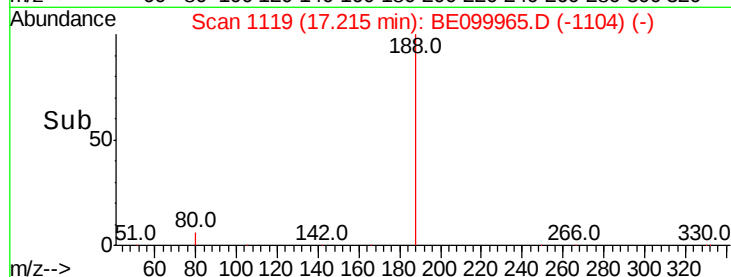
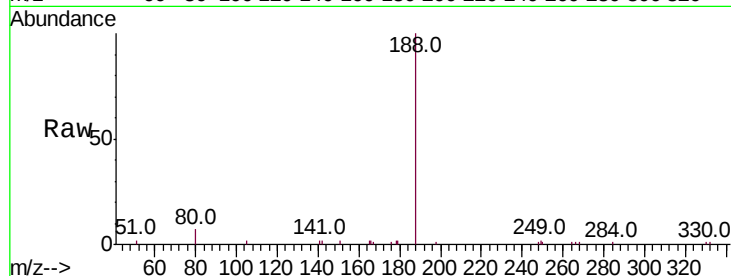
Tot Ion:188 Resp: 7307

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 6.4 9.6



#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

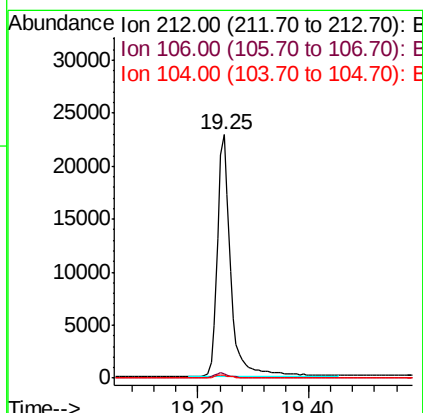
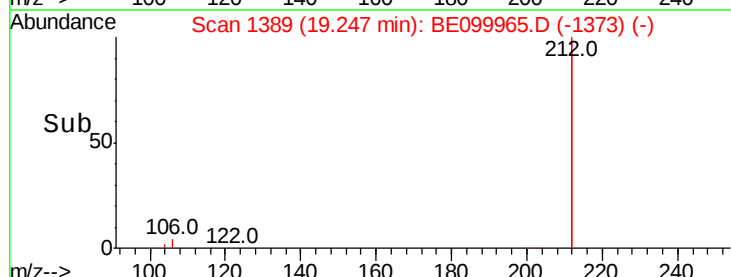
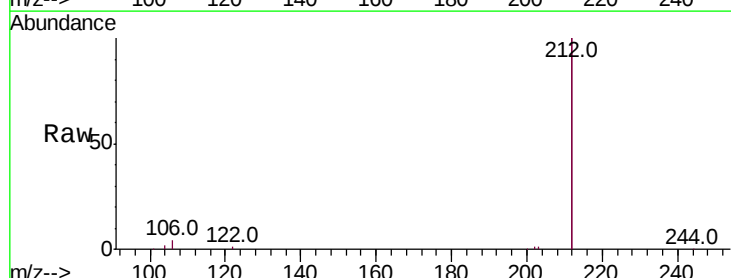
Tgt Ion:212 Resp: 38280

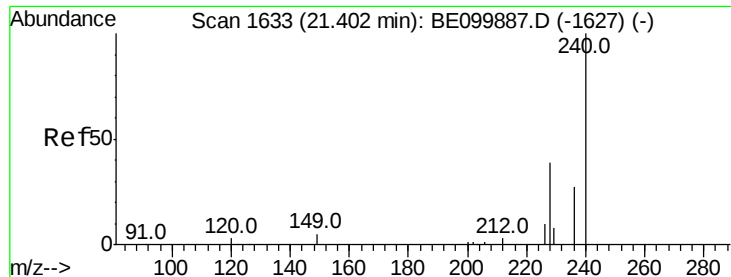
Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099965.D

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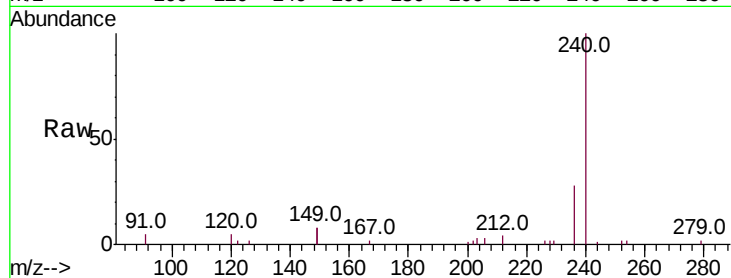
Tot Ion:240 Resp: 9870

Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

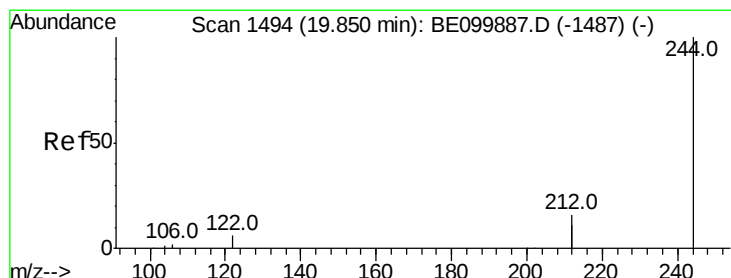
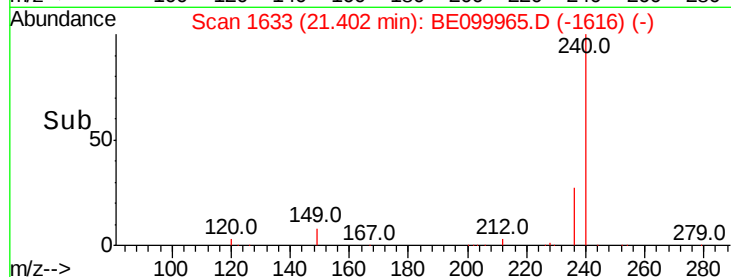
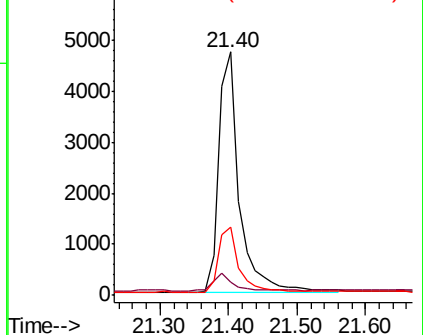
236 28.2 22.0 33.0



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: 0.587 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

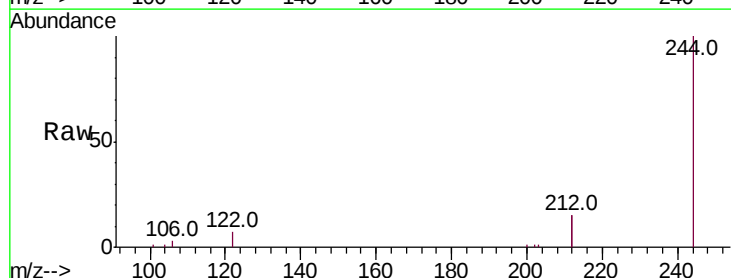
Tgt Ion:244 Resp: 10425

Ion Ratio Lower Upper

244 100

212 30.8 25.7 38.5

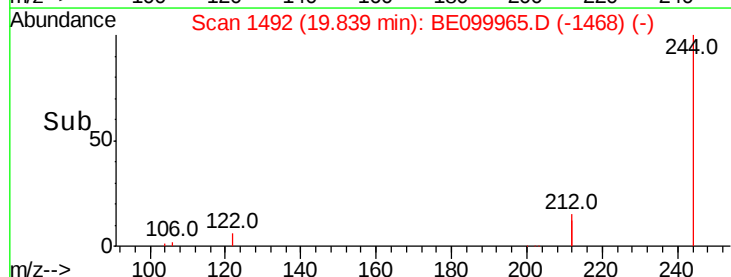
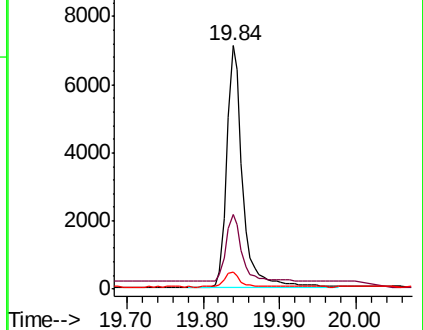
122 7.0 5.5 8.3

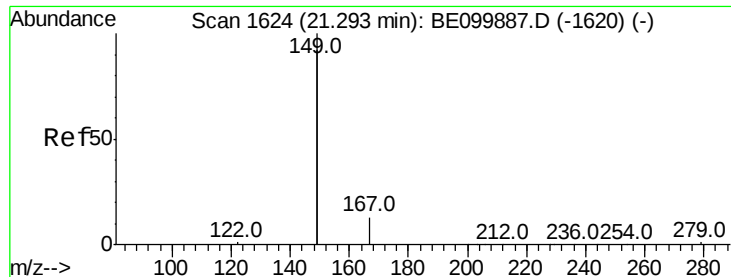


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.227 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190608

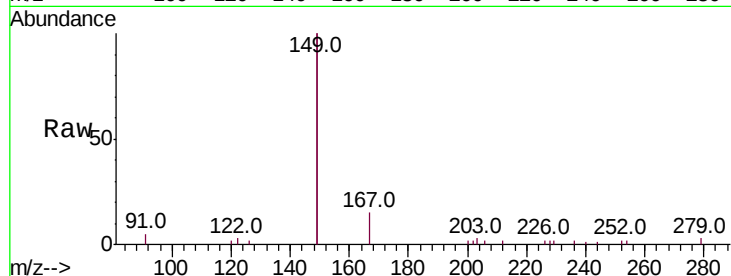
Tot Ion:149 Resp: 9626

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

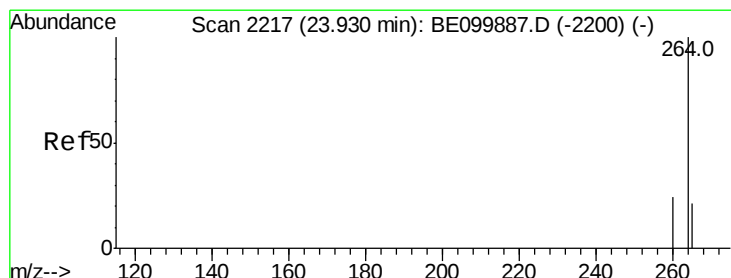
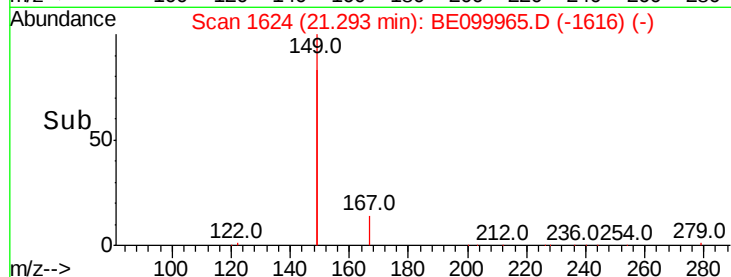
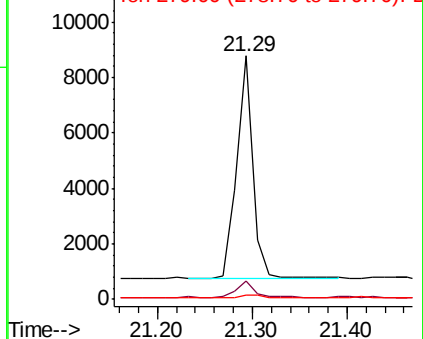
279 1.3 1.2 1.8



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# 2216

Delta R.T. -0.00 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

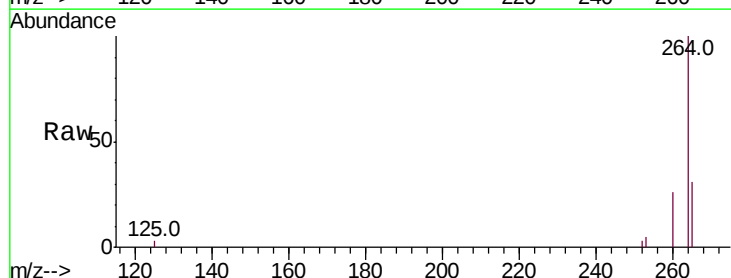
Tgt Ion:264 Resp: 11184

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 31.2 22.0 33.0



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

