

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 04:10:54 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

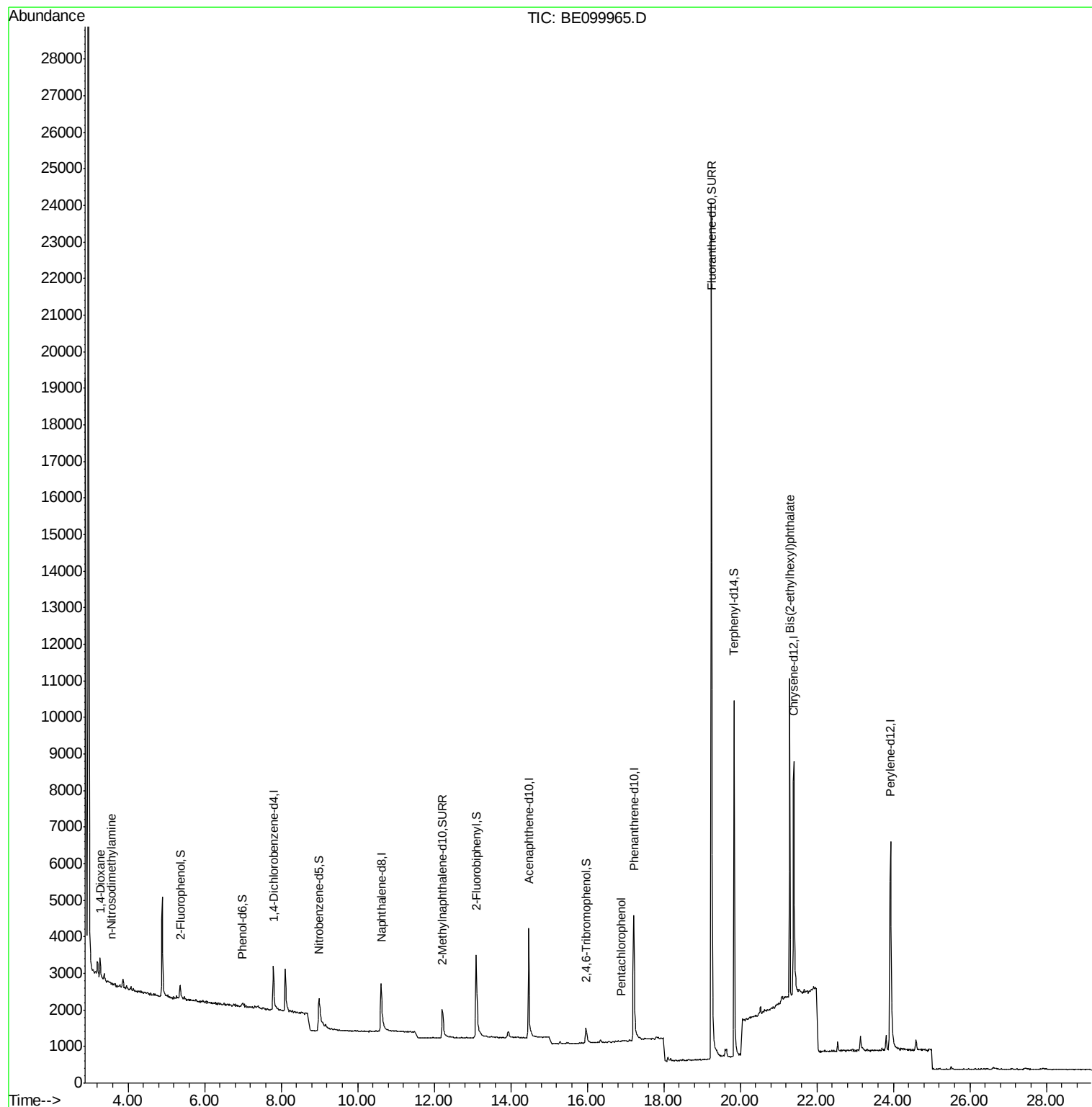
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	891	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3045	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2333	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7307	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9870	0.40	ng	0.00
34) 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	# 88
3) n-Nitrosodimethylamine	3.57	42	34	0.045	ng	# 100
22) Pentachlorophenol	16.89	266	28	0.313	ng	84
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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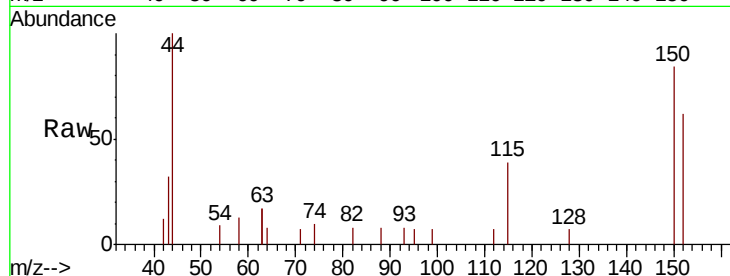


#1

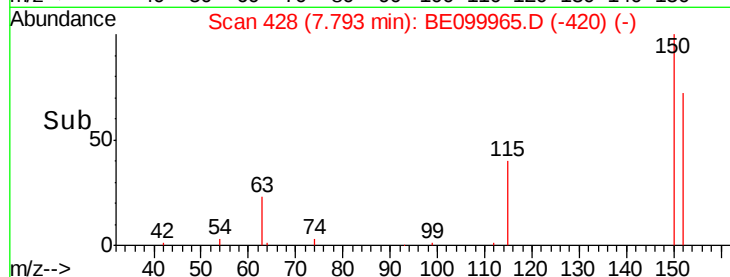
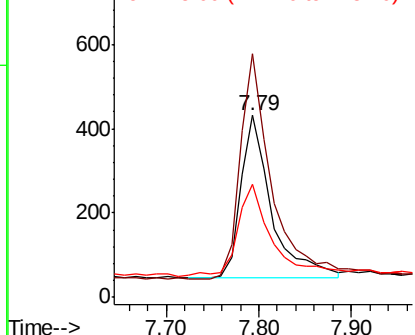
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099965.D
Acq: 12 Jun 2019 20:24

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

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



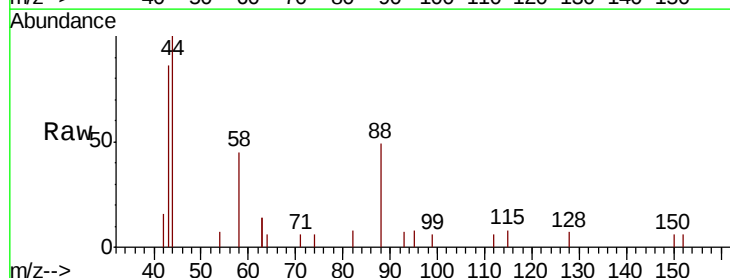
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



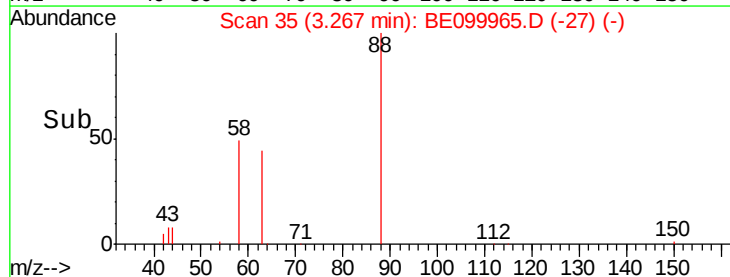
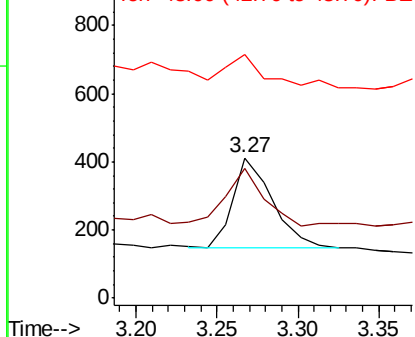
#2

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





#3

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.04 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

Instrument :

BNA_E

ClientSampleId :

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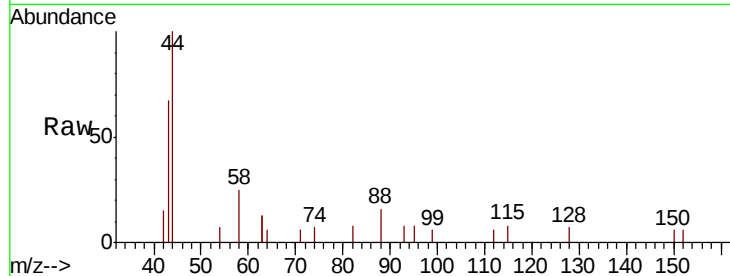
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

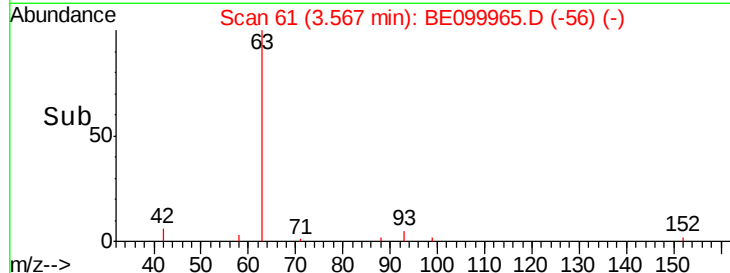
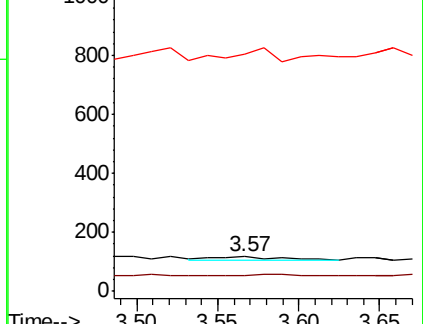
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): 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

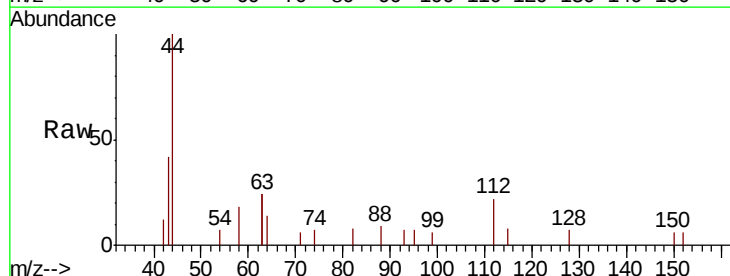
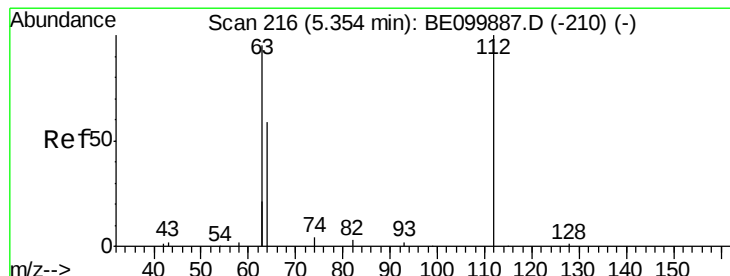
Tgt Ion: 112 Resp: 350

Ion Ratio Lower Upper

112 100

64 55.4 44.1 66.1

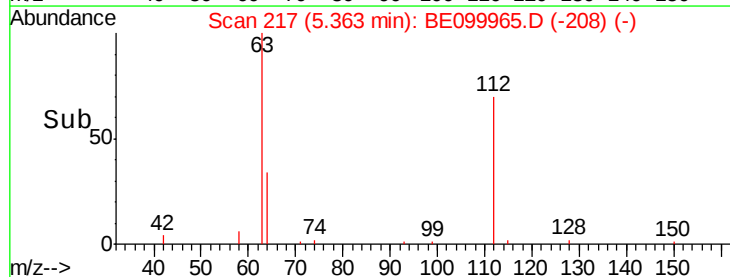
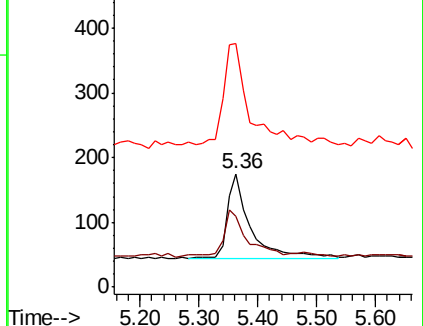
63 134.0 87.8 131.6#



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





#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

Instrument :

BNA_E

ClientSampleId :

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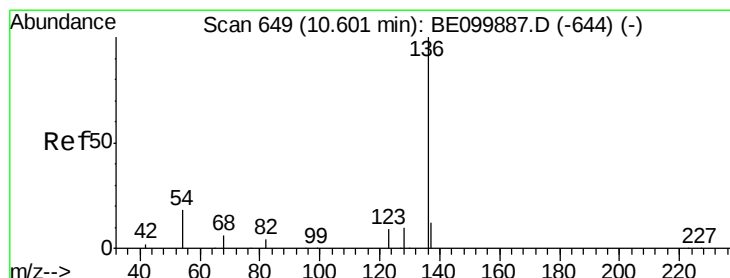
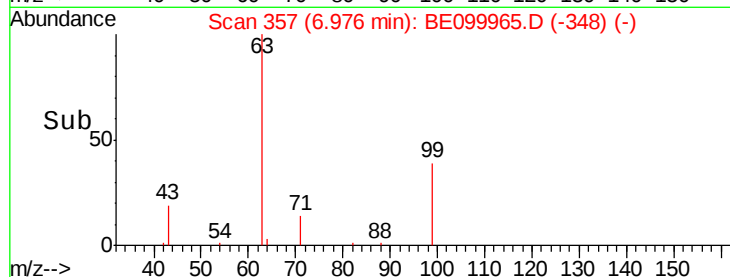
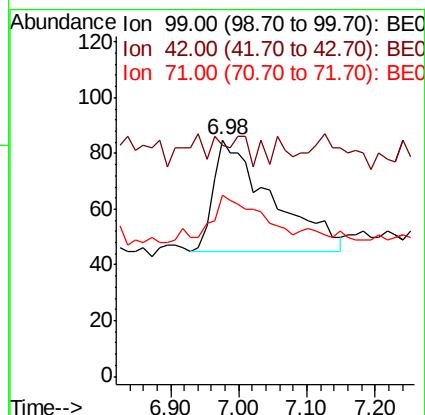
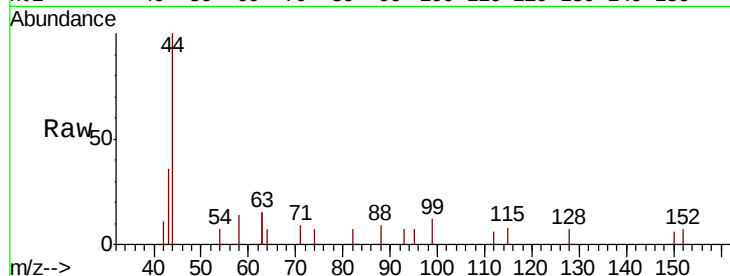
Tgt Ion: 99 Resp: 235

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 28.9 34.6 52.0#



#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

Tgt Ion: 136 Resp: 3045

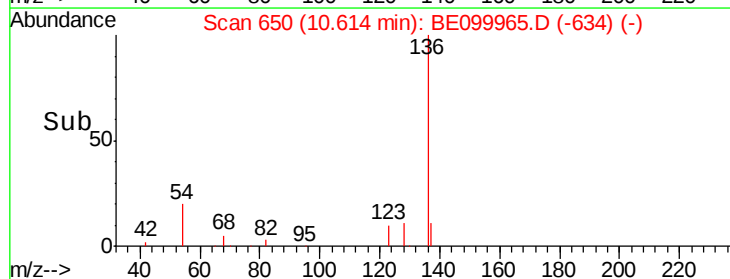
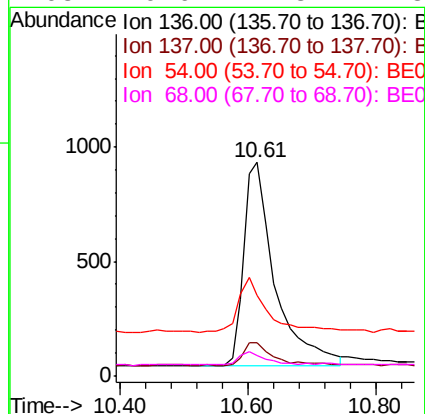
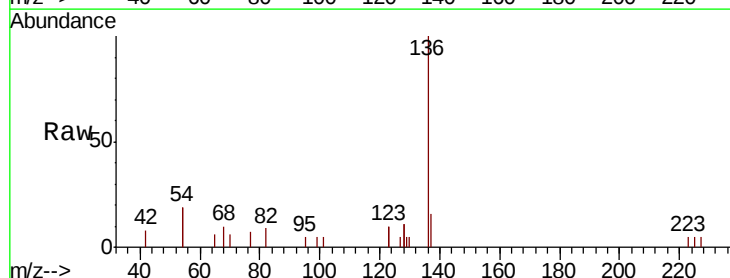
Ion Ratio Lower Upper

136 100

137 15.6 12.3 18.5

54 37.5 28.2 42.4

68 9.6 7.8 11.8





#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

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW29D-20190608

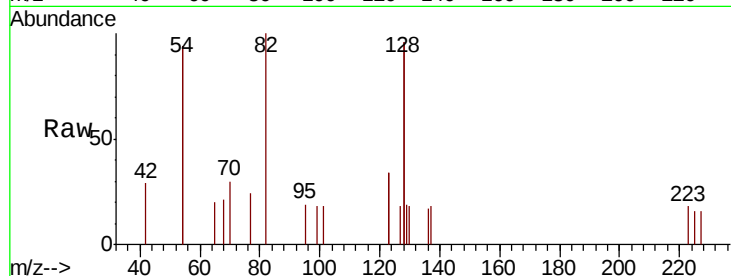
Tgt Ion: 82 Resp: 1050

Ion Ratio Lower Upper

82 100

128 192.5 137.3 205.9

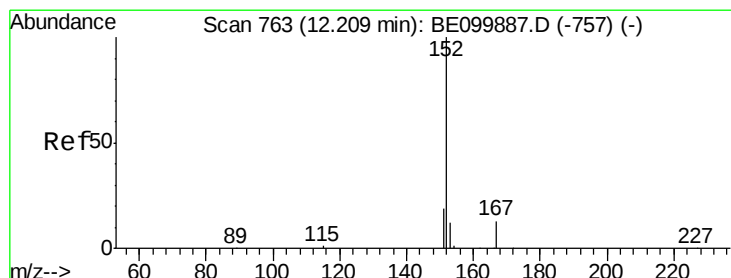
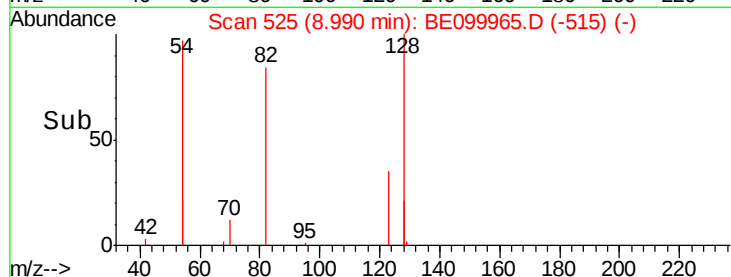
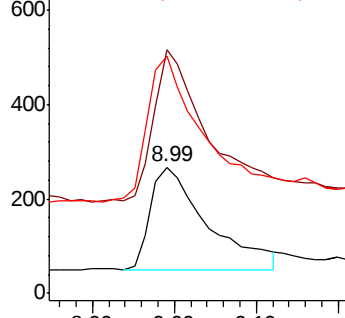
54 187.3 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

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

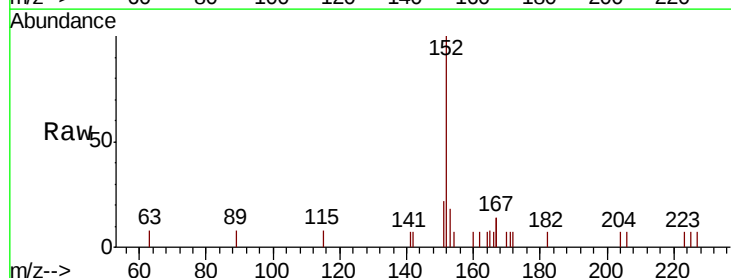
Acq: 12 Jun 2019 20:24

Tgt Ion: 152 Resp: 1872

Ion Ratio Lower Upper

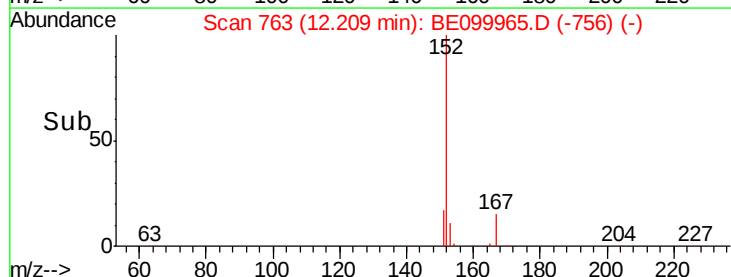
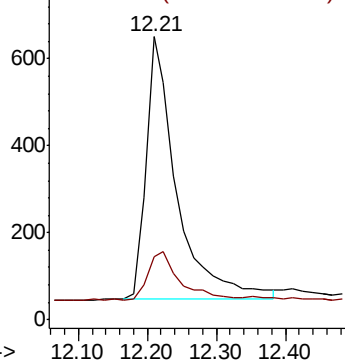
152 100

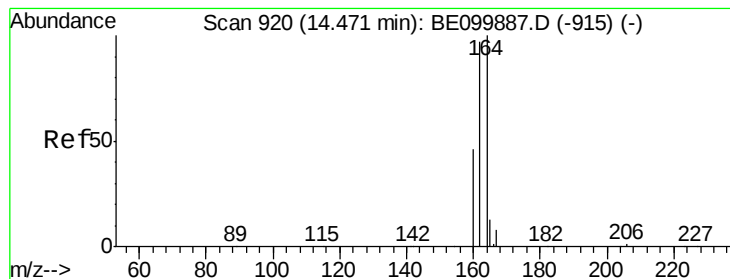
151 19.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#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

Instrument :

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ClientSampleId :

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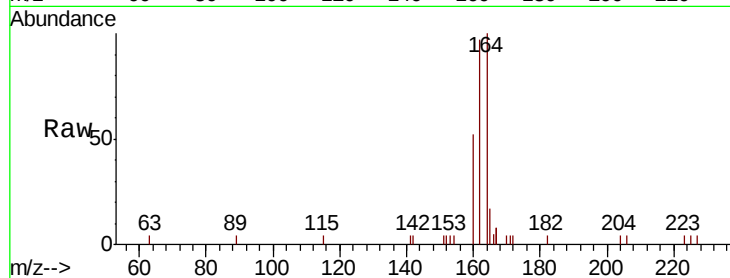
Tgt Ion:164 Resp: 2333

Ion Ratio Lower Upper

164 100

162 96.9 77.8 116.8

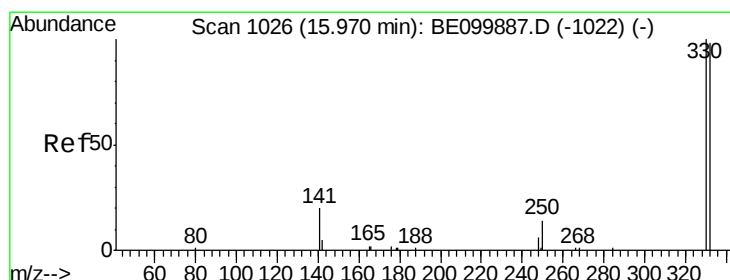
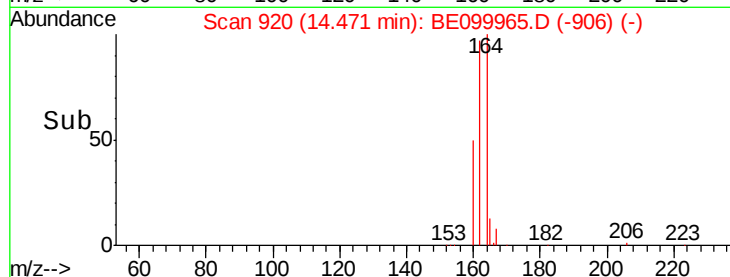
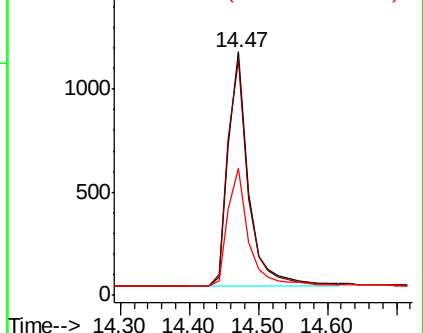
160 52.0 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

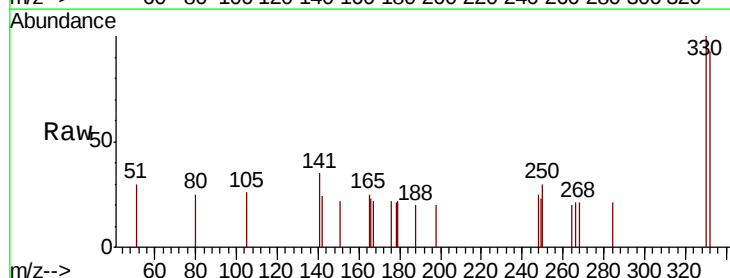
Tgt Ion:330 Resp: 518

Ion Ratio Lower Upper

330 100

332 92.1 76.7 115.1

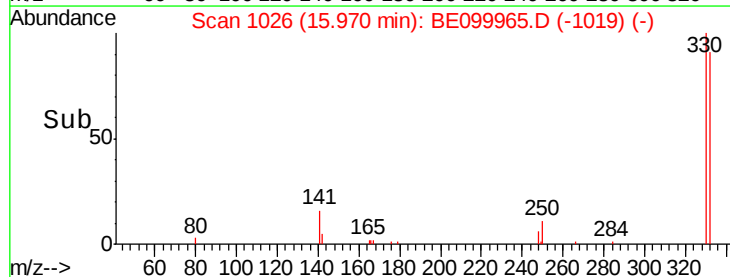
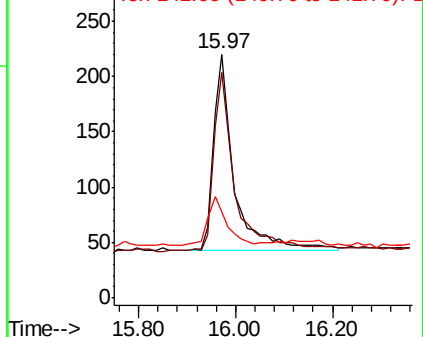
141 20.3 21.0 31.6#

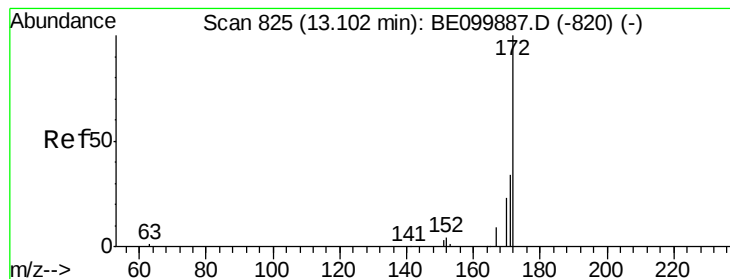


Abundance Ion 330.00 (329.70 to 330.70): E

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

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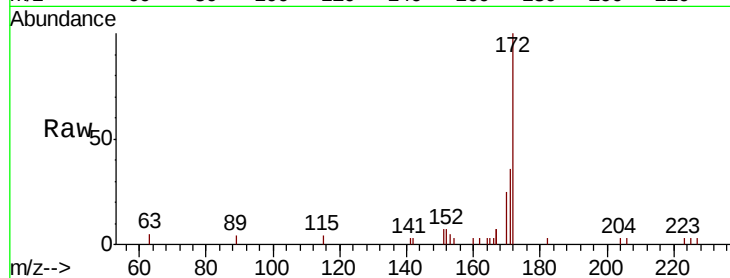
Tgt Ion:172 Resp: 4300

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

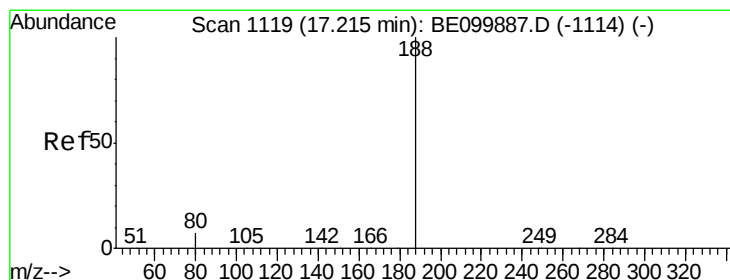
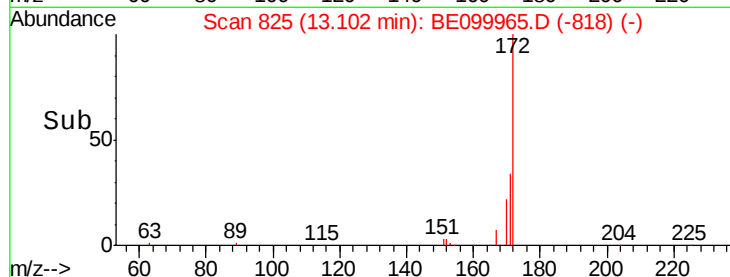
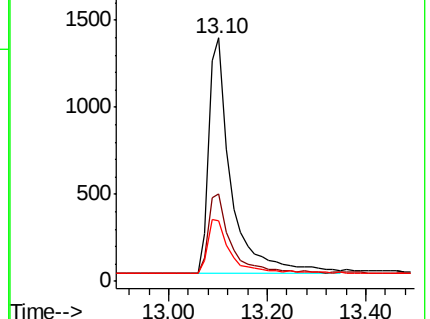
170 24.8 21.2 31.8



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

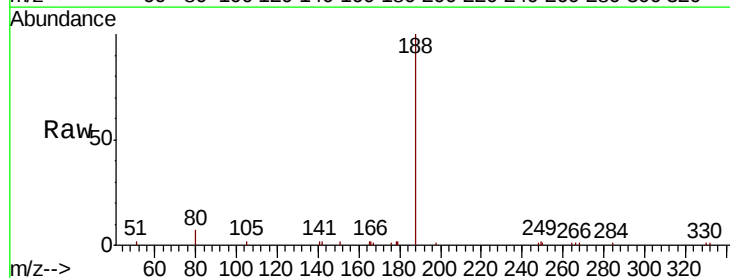
Tgt Ion:188 Resp: 7307

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

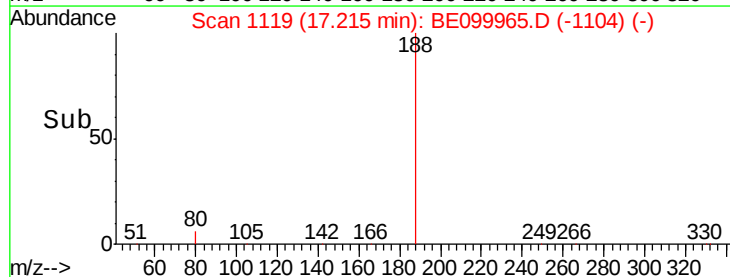
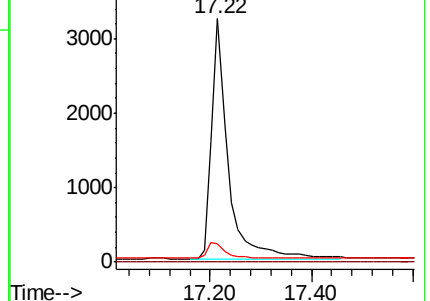
80 7.5 6.4 9.6

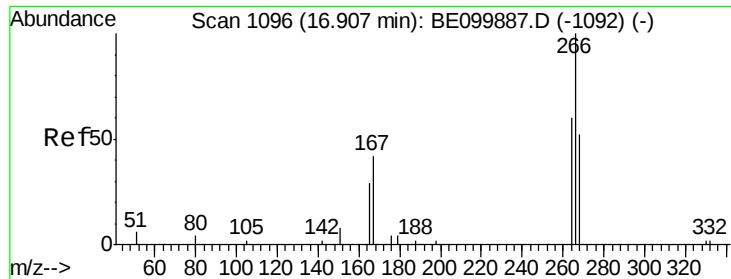


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.313 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099965.D

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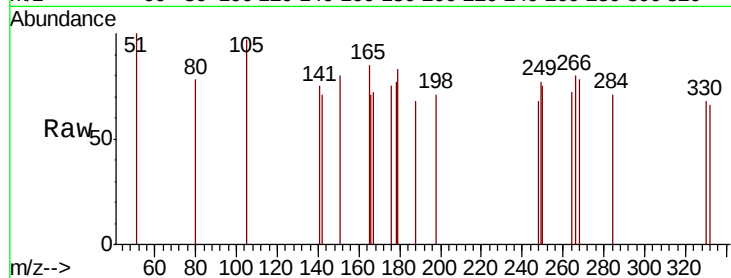
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 90.4 62.2 93.2

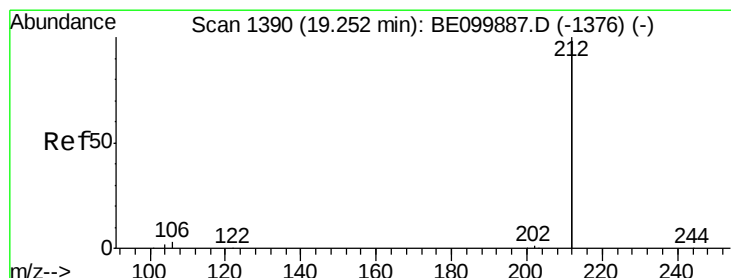
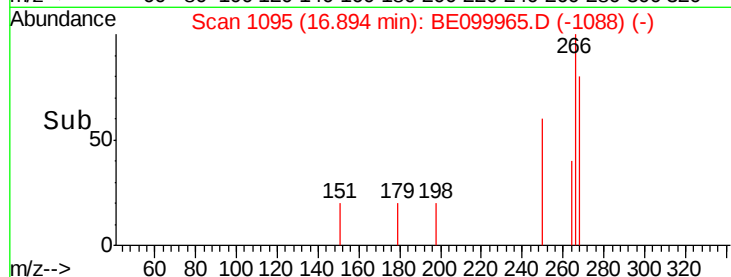
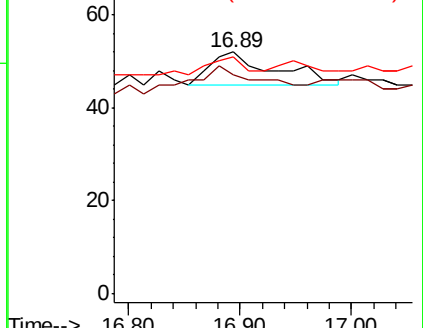
268 98.1 65.5 98.3



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: 0.360 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

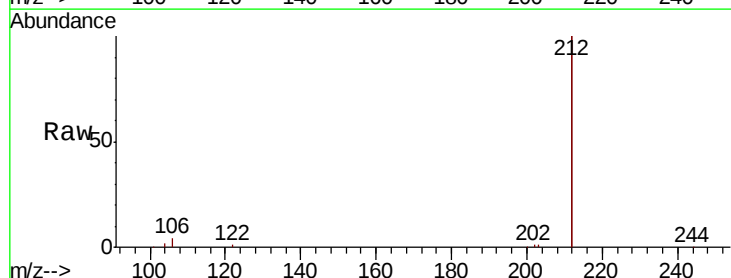
Tgt Ion:212 Resp: 38280

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

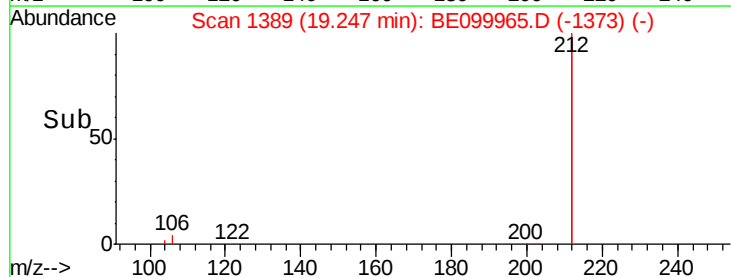
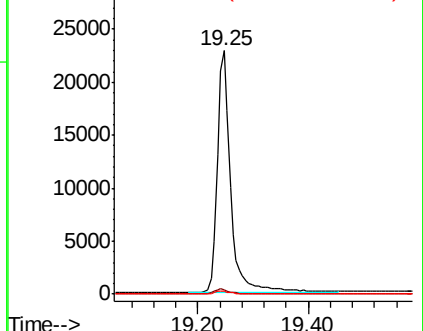
104 1.1 0.9 1.3

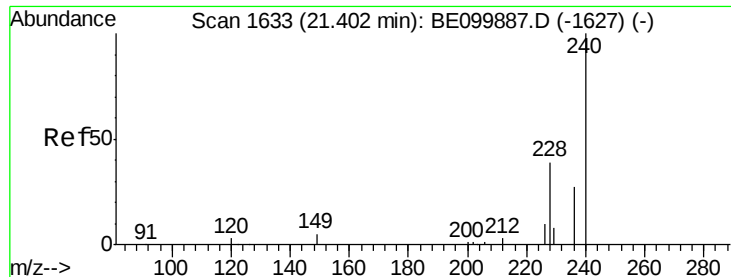


Abundance Ion 212.00 (211.70 to 212.70): E

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. 0.00 min

Lab File: BE099965.D

Acq: 12 Jun 2019 20:24

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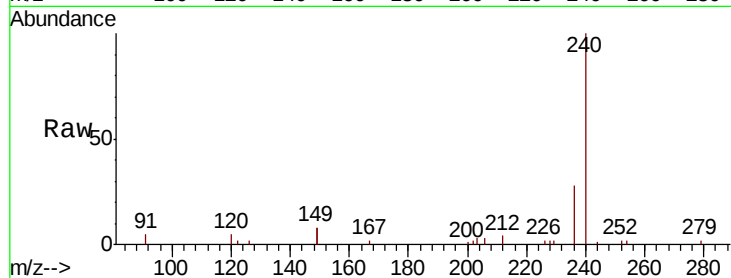
Tgt Ion:240 Resp: 9870

Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

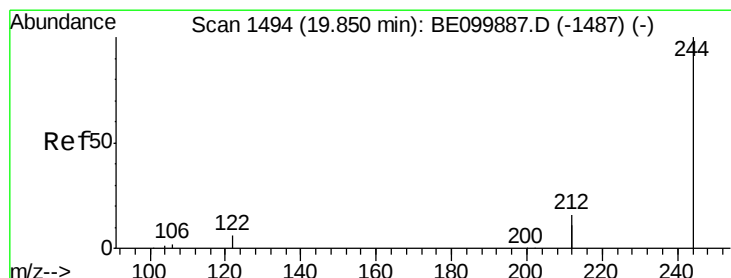
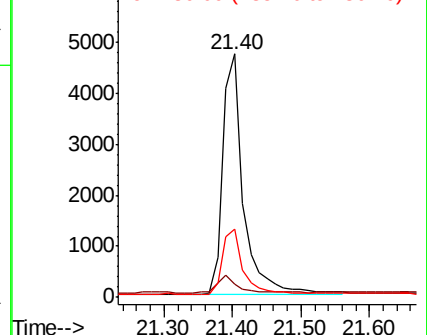
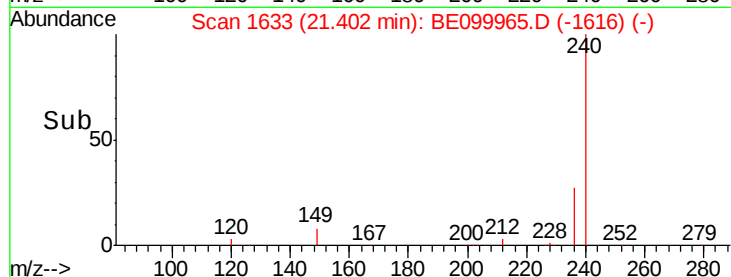
236 28.2 22.0 33.0



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

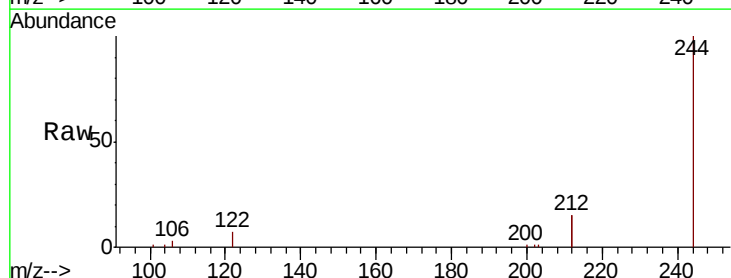
Tgt Ion:244 Resp: 10425

Ion Ratio Lower Upper

244 100

212 30.8 25.7 38.5

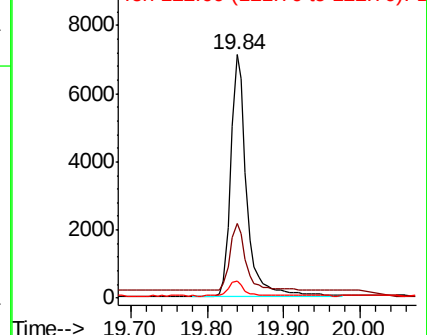
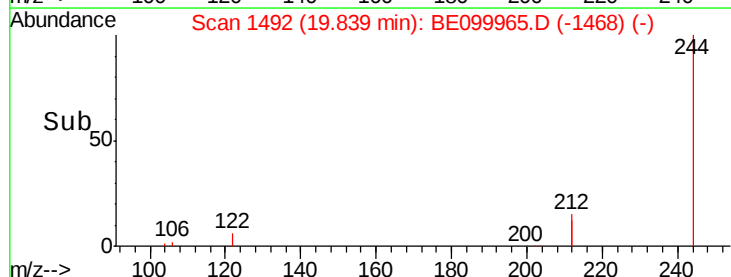
122 7.0 5.5 8.3

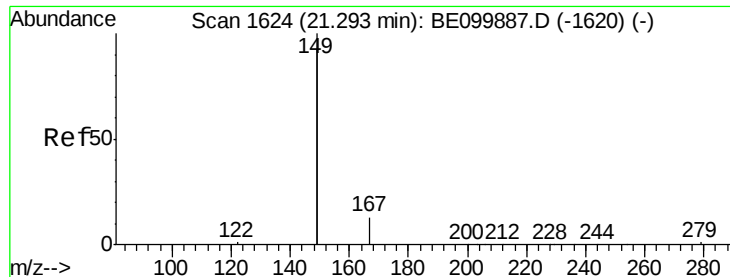


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

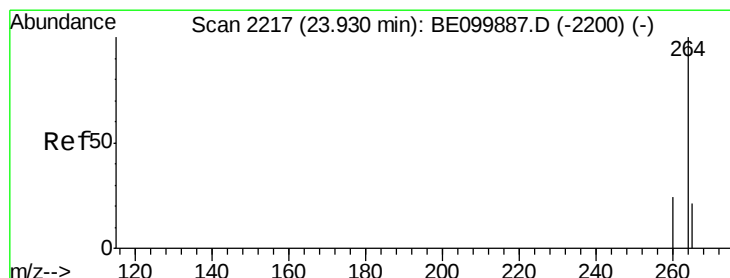
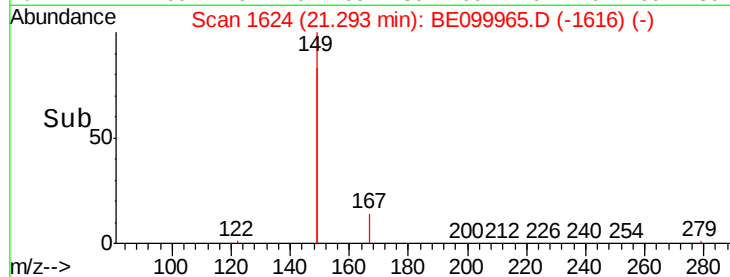
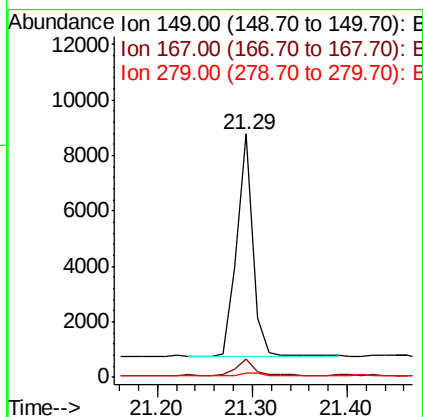
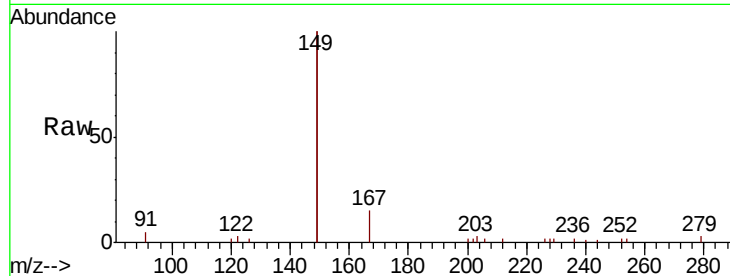




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.227 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099965.D
 Acq: 12 Jun 2019 20:24

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

Tgt Ion:149 Resp: 9626
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.9 8.9
 279 1.3 1.2 1.8



#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

