

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099220.D
 Acq On : 26 Mar 2019 18:10
 Operator : JU/SJ
 Sample : K2020-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190318

Quant Time: Mar 27 09:10:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

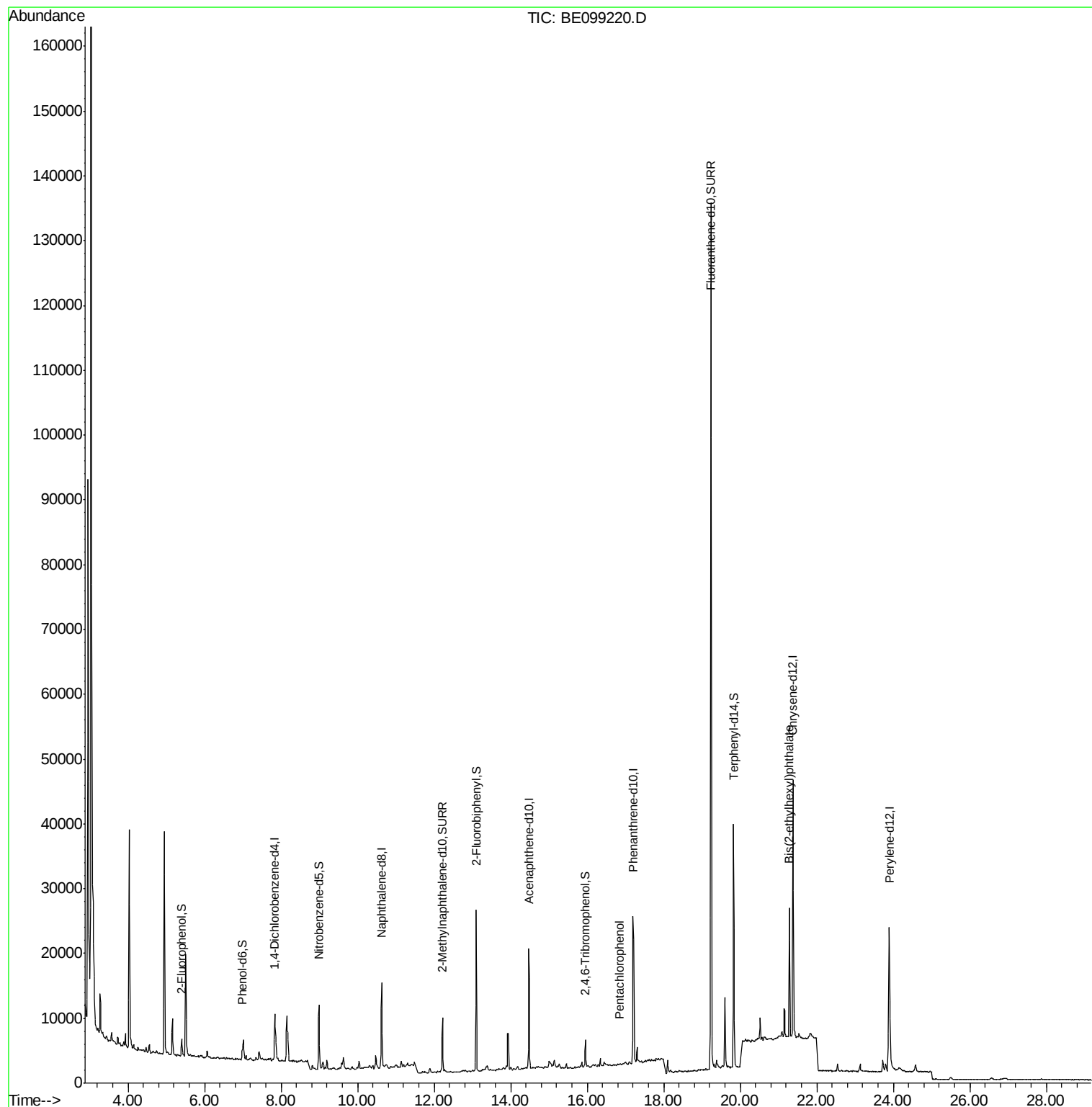
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3592	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15688	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12420	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	35480	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	40660	0.40	ng	-0.01
34) Perylene-d12	23.89	264	38344	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1682	0.16	ng	-0.01
5) Phenol-d6	6.99	99	1380	0.08	ng	0.00
8) Nitrobenzene-d5	8.99	82	4785	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11017	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2366	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	21002	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	176268	0.41	ng	0.00
29) Terphenyl-d14	19.83	244	34707	0.39	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.85	266	214	0.306	ng	95
32) Bis(2-ethylhexyl)phthalate	21.28	149	25661	0.160	ng	100

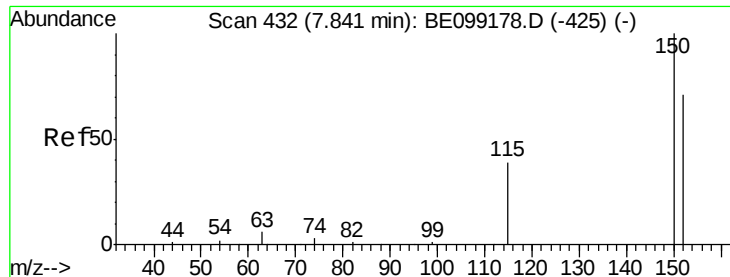
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

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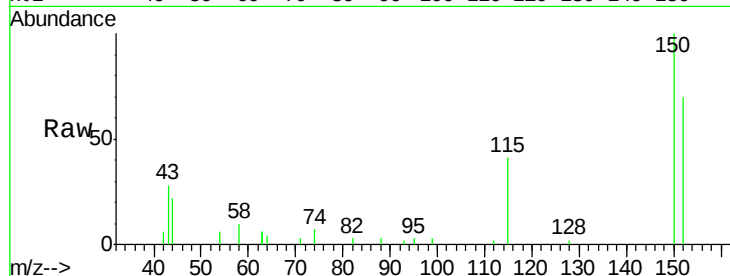
Tgt Ion:152 Resp: 3592

Ion Ratio Lower Upper

152 100

150 142.3 112.8 169.2

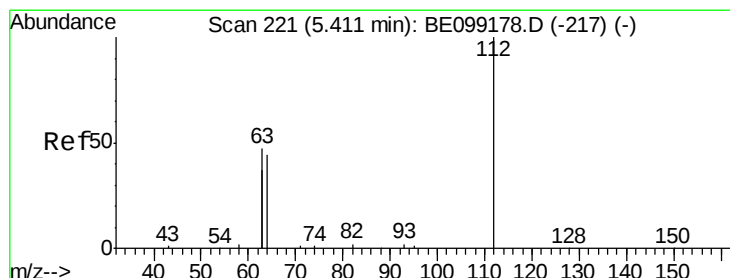
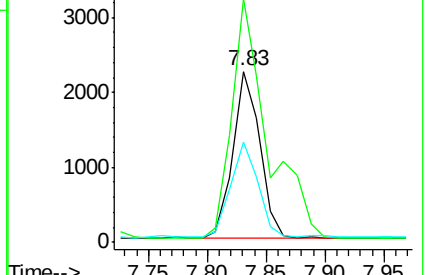
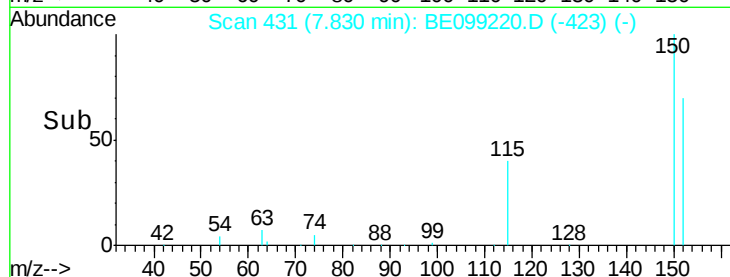
115 58.7 45.1 67.7



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



#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

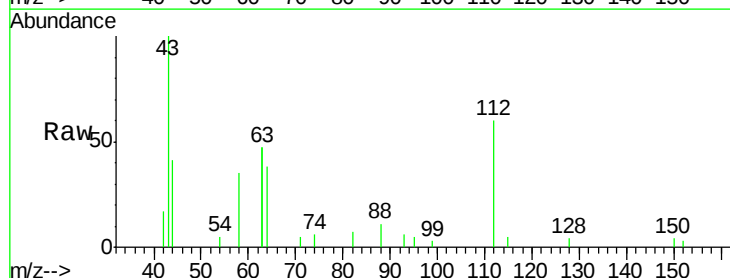
Tgt Ion:112 Resp: 1682

Ion Ratio Lower Upper

112 100

64 53.4 46.2 69.2

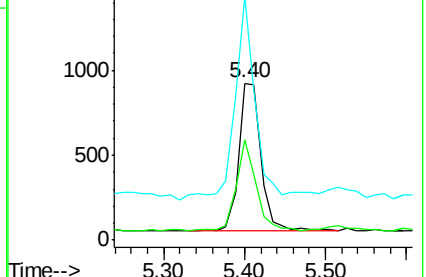
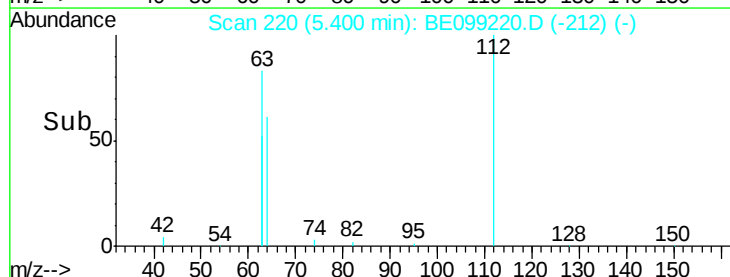
63 111.5 89.9 134.9

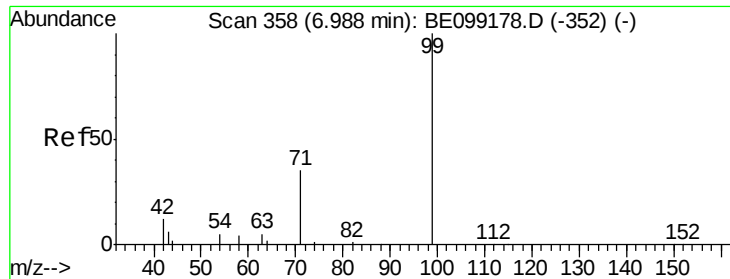


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.084 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

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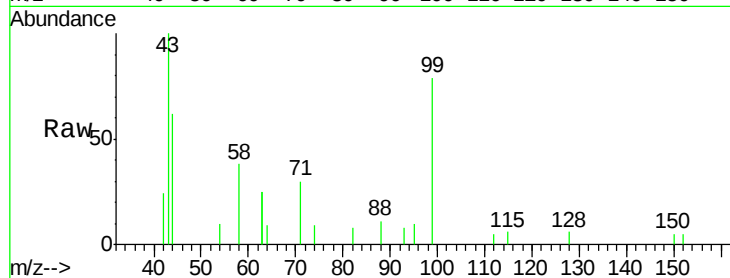
Tgt Ion: 99 Resp: 1380

Ion Ratio Lower Upper

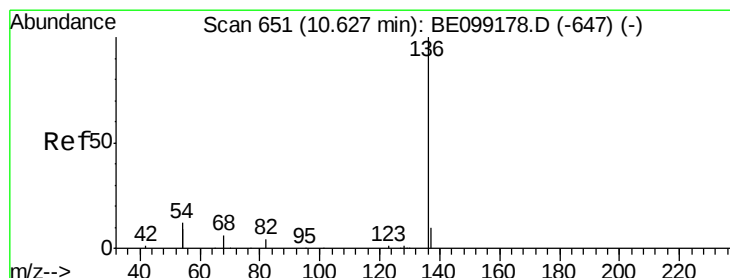
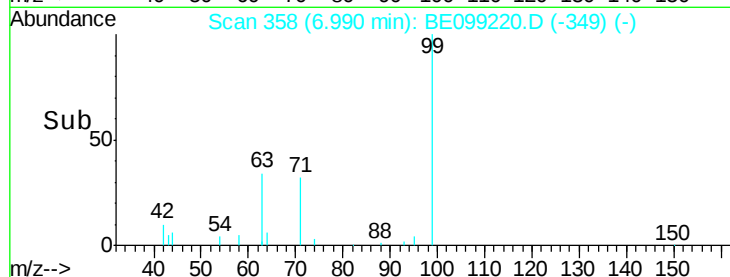
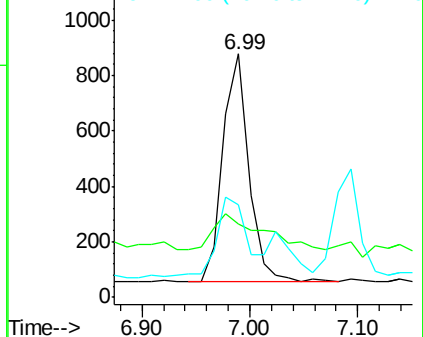
99 100

42 29.3 12.4 18.6#

71 42.5 28.4 42.6



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

Tgt Ion: 136 Resp: 15688

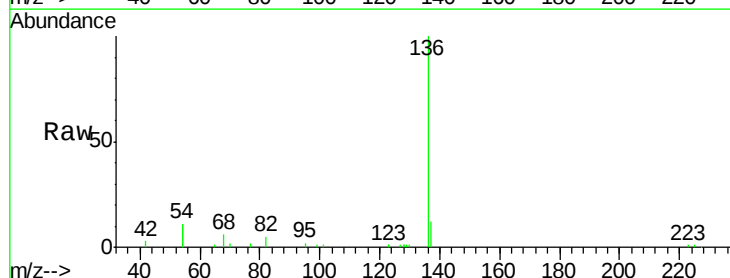
Ion Ratio Lower Upper

136 100

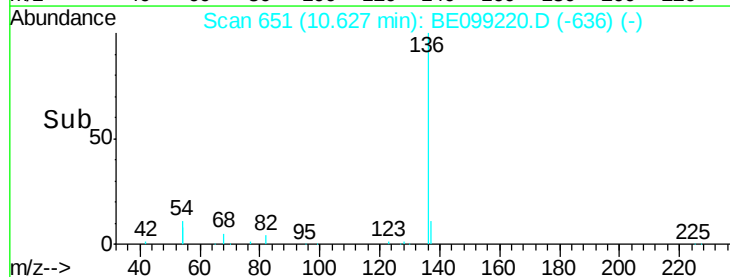
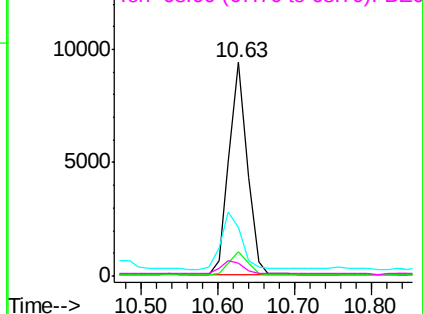
137 11.6 8.7 13.1

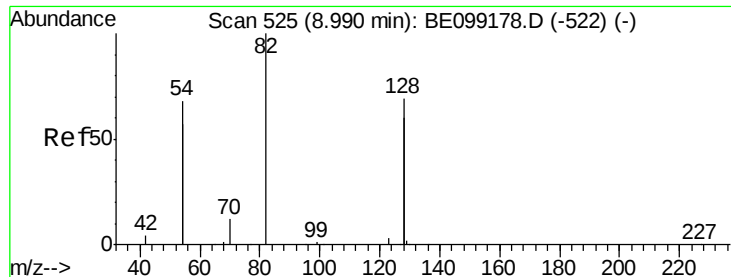
54 22.7 18.7 28.1

68 6.1 5.2 7.8



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: 0.373 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

Instrument :

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ClientSampleId :

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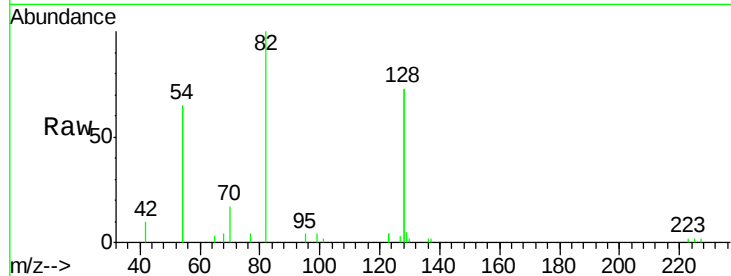
Tgt Ion: 82 Resp: 4785

Ion Ratio Lower Upper

82 100

128 146.8 107.5 161.3

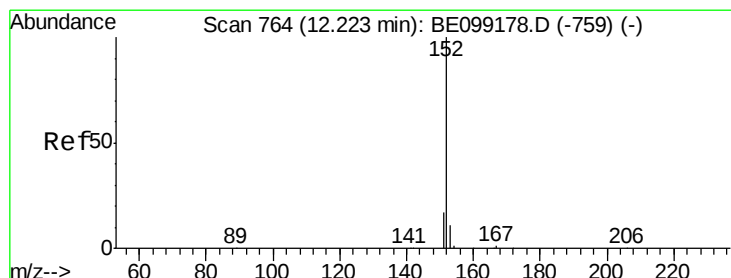
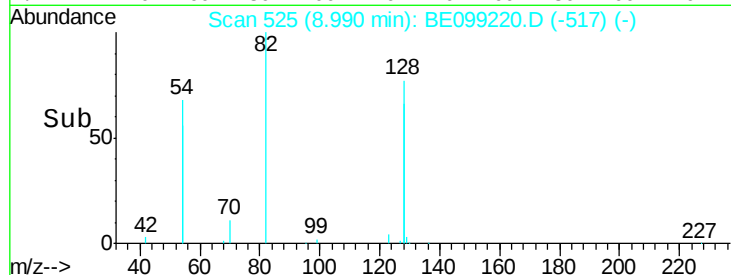
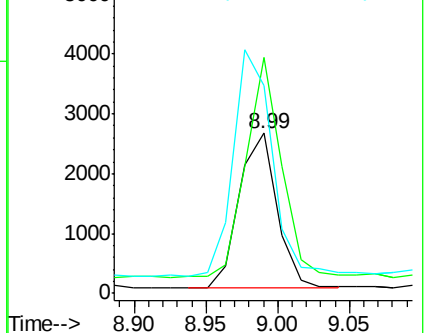
54 129.7 106.3 159.5



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: 0.364 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099220.D

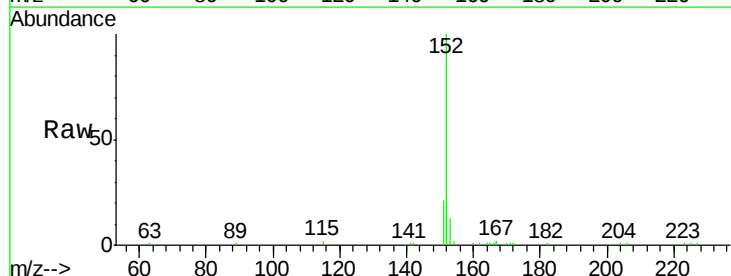
Acq: 26 Mar 2019 18:10

Tgt Ion: 152 Resp: 11017

Ion Ratio Lower Upper

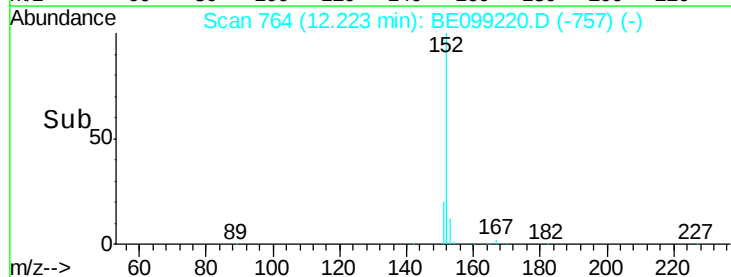
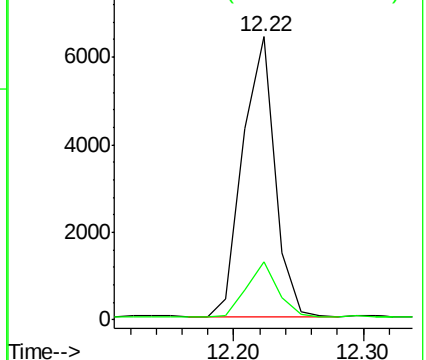
152 100

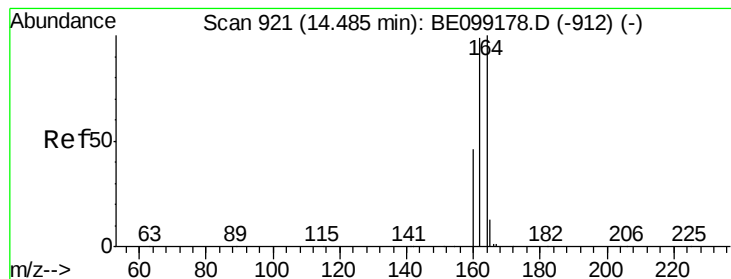
151 20.0 15.0 22.6



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. -0.02 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

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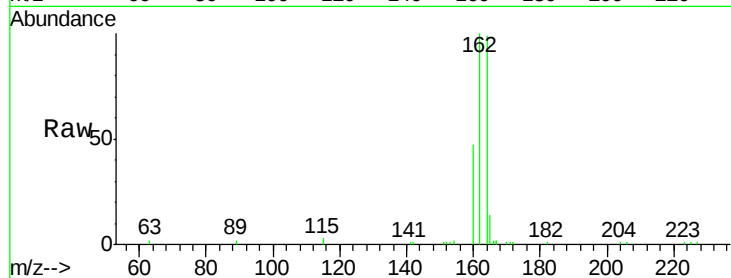
Tgt Ion:164 Resp: 12420

Ion Ratio Lower Upper

164 100

162 101.0 79.2 118.8

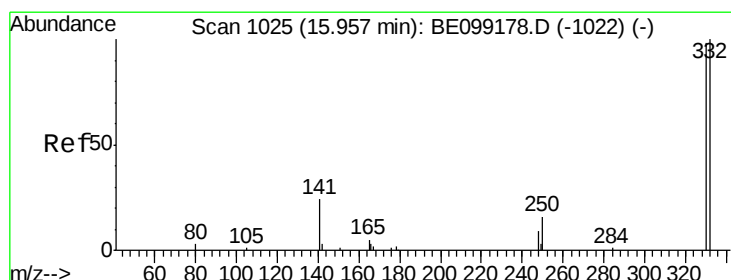
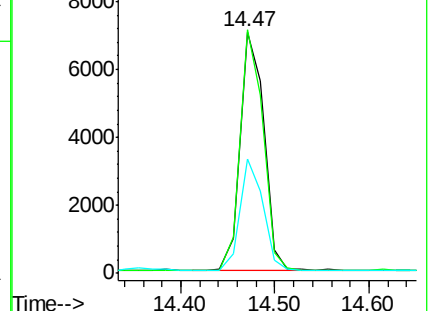
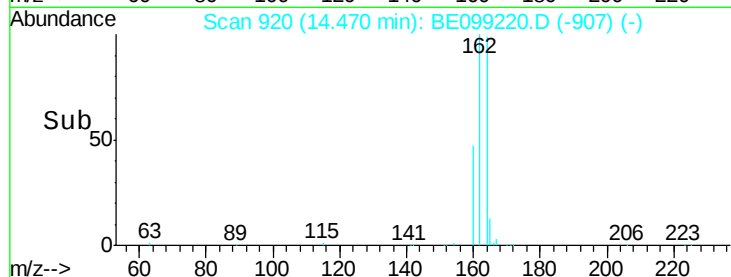
160 47.7 36.7 55.1



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: 0.562 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

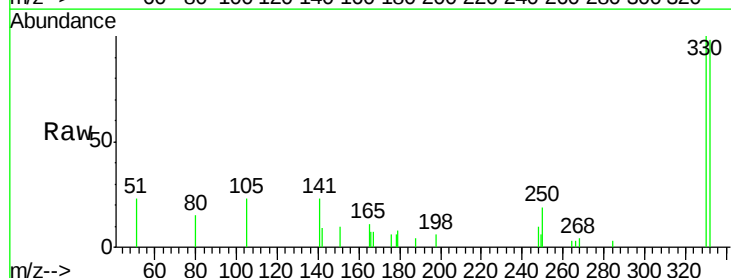
Tgt Ion:330 Resp: 2366

Ion Ratio Lower Upper

330 100

332 97.8 71.3 106.9

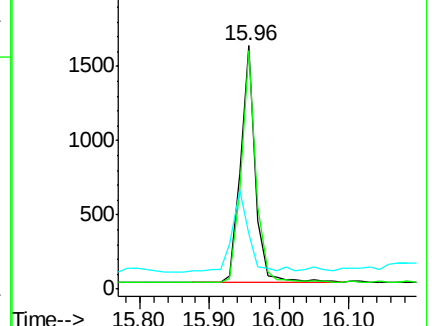
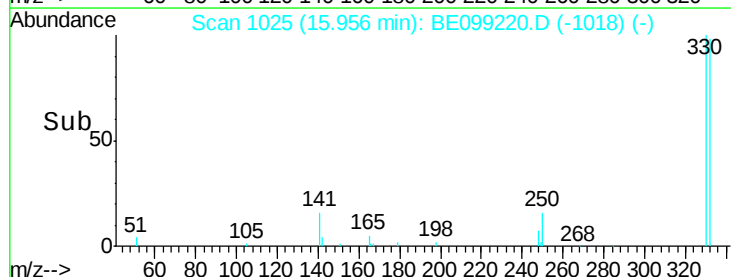
141 37.2 21.7 32.5#

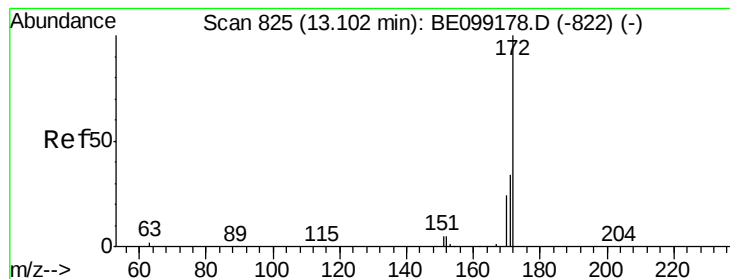


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.415 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

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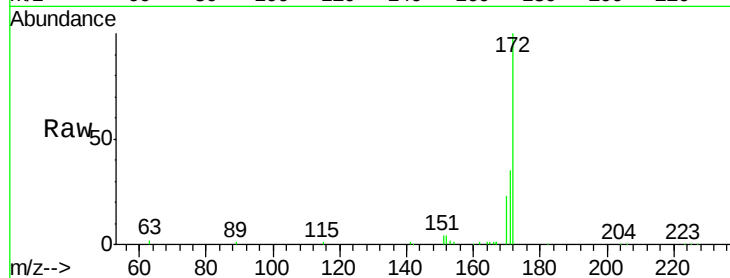
Tgt Ion:172 Resp: 21002

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

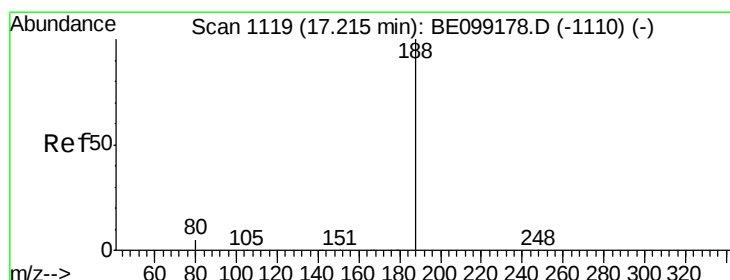
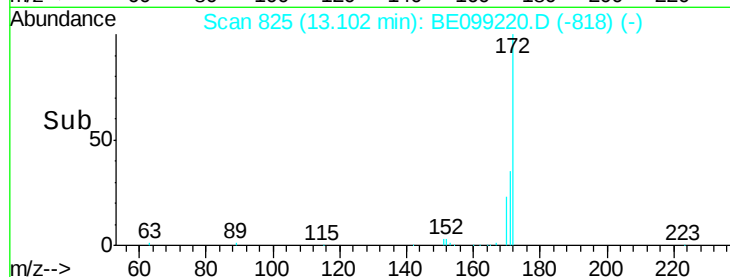
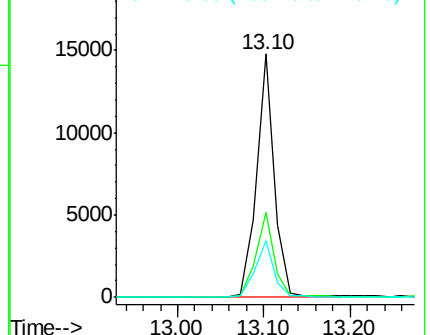
170 23.2 19.1 28.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

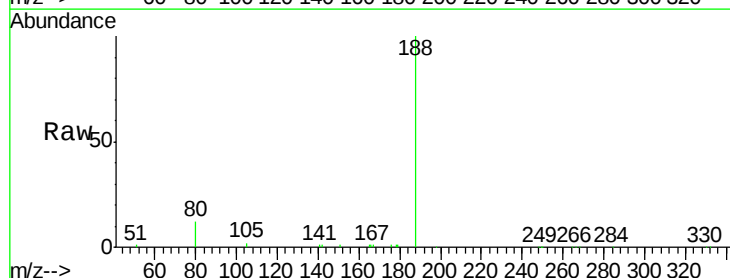
Tgt Ion:188 Resp: 35480

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

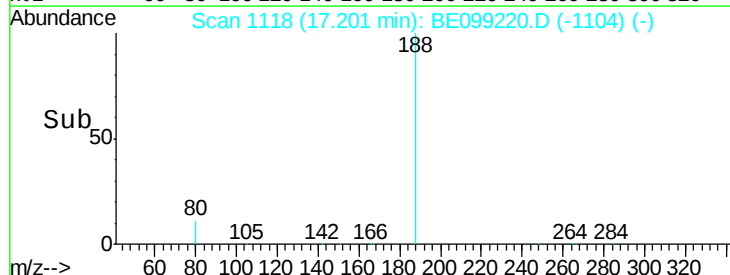
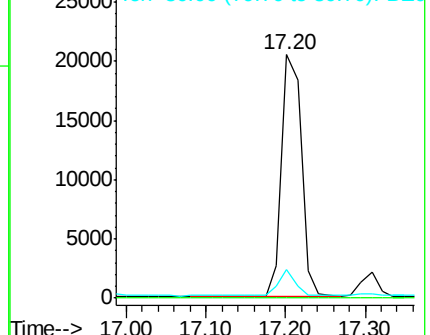
80 11.6 4.5 6.7#

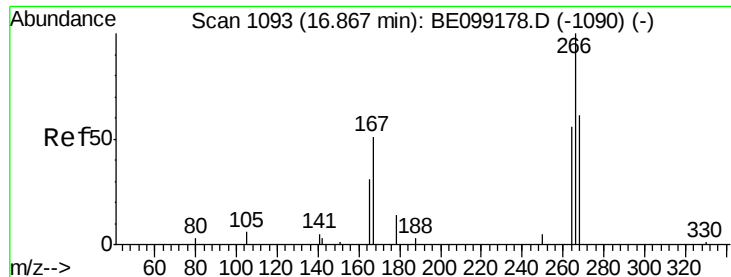


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.306 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

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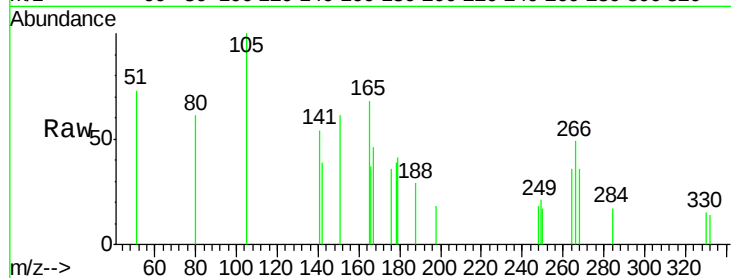
Tgt Ion:266 Resp: 214

Ion Ratio Lower Upper

266 100

264 73.9 54.4 81.6

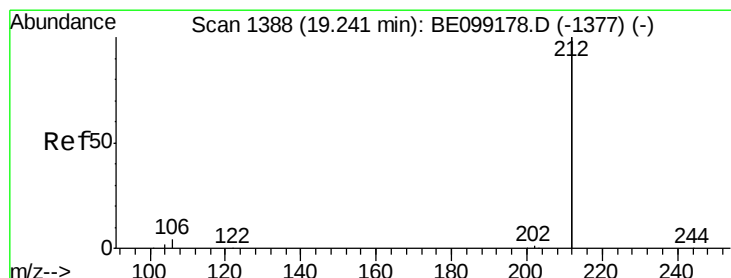
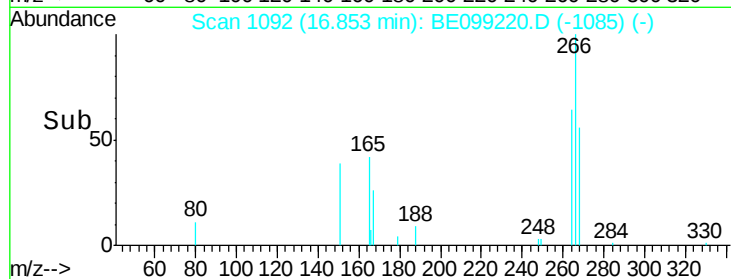
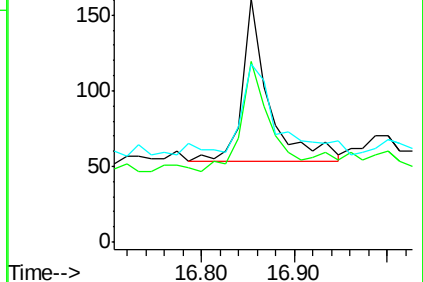
268 73.3 61.3 91.9



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: 0.410 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099220.D

Acq: 26 Mar 2019 18:10

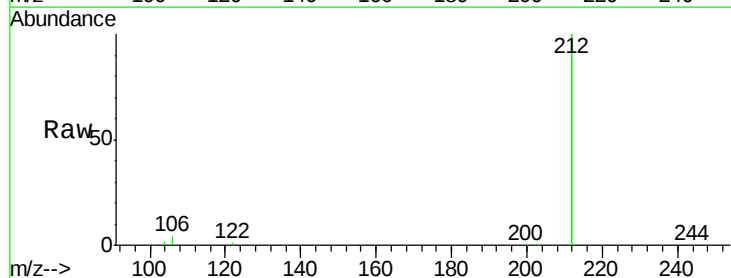
Tgt Ion:212 Resp: 176268

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

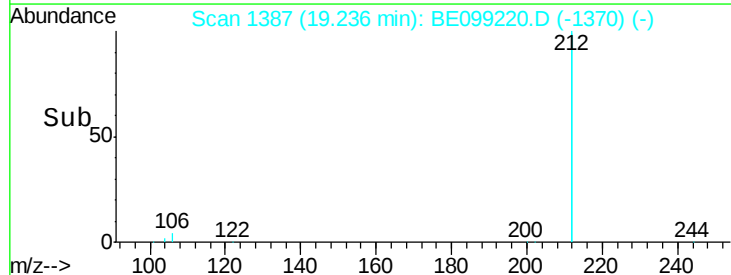
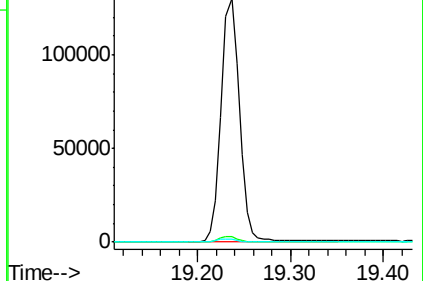
104 1.3 1.1 1.7

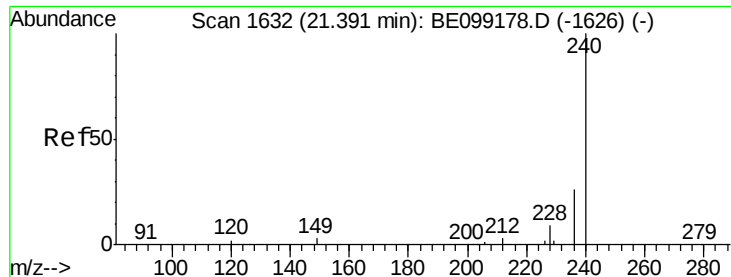


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

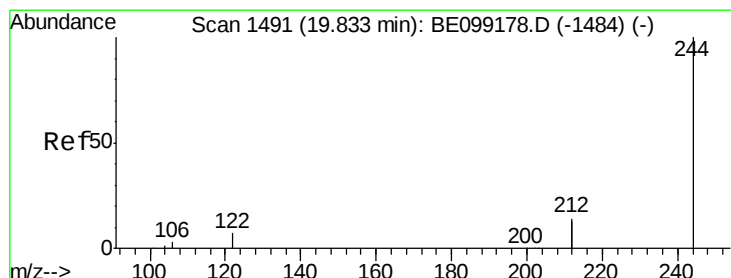
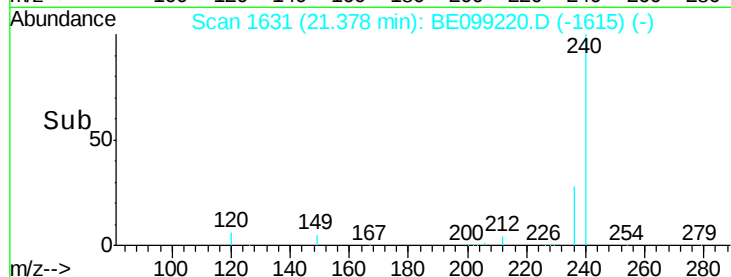
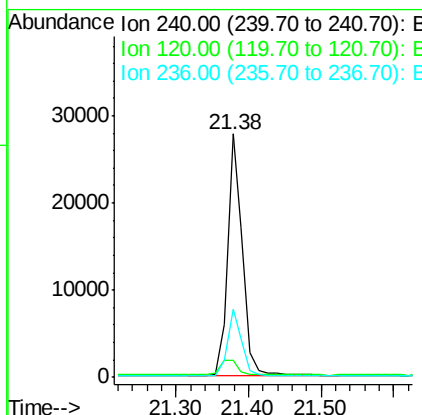
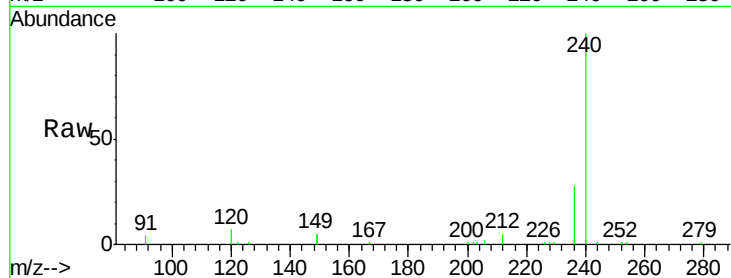




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099220.D
 Acq: 26 Mar 2019 18:10

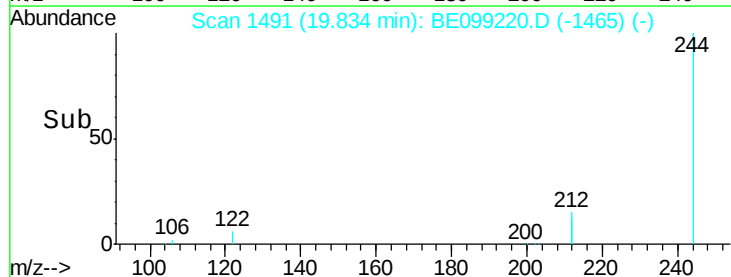
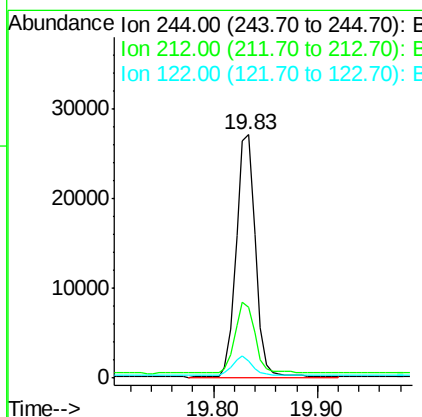
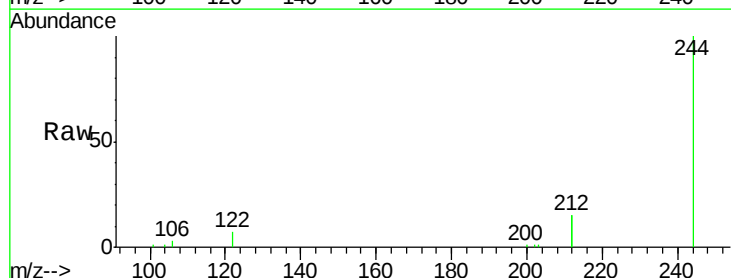
Instrument :
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 KY038PS027-190318

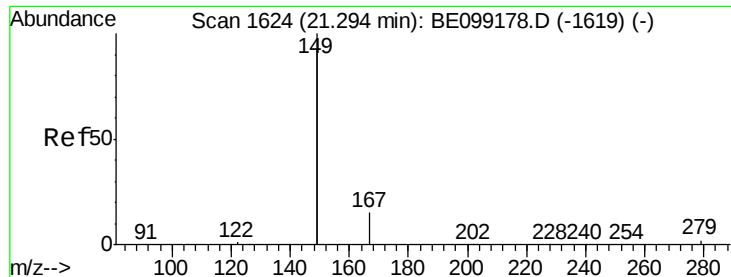
Tgt Ion:240 Resp: 40660
 Ion Ratio Lower Upper
 240 100
 120 7.2 2.6 3.8#
 236 27.9 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.392 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099220.D
 Acq: 26 Mar 2019 18:10

Tgt Ion:244 Resp: 34707
 Ion Ratio Lower Upper
 244 100
 212 29.2 22.7 34.1
 122 7.0 5.8 8.6

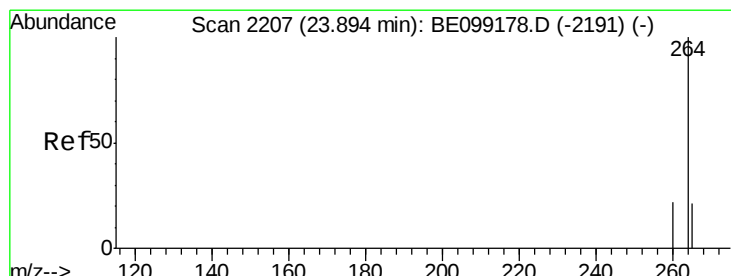
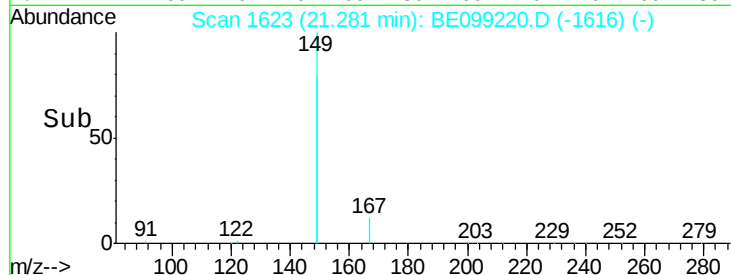
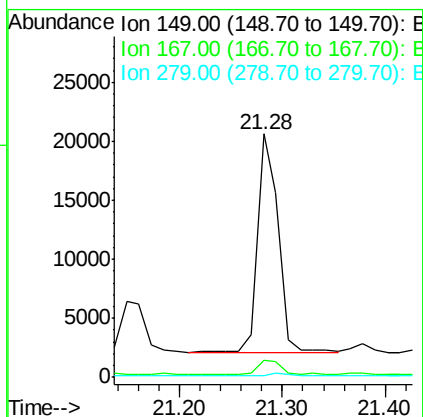
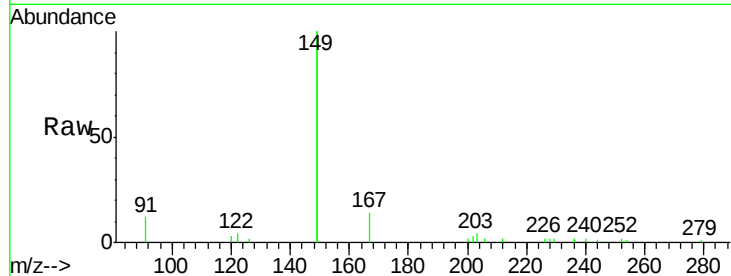




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.160 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099220.D
 Acq: 26 Mar 2019 18:10

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190318

Tgt Ion:149 Resp: 25661
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.9 8.9
 279 1.3 1.0 1.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE099220.D
 Acq: 26 Mar 2019 18:10

Tgt Ion:264 Resp: 38344
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.2 27.2
 265 25.8 21.8 32.8

