

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
 Data File : BE099298.D
 Acq On : 4 Apr 2019 20:08
 Operator : JU/SJ
 Sample : K2210-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WE-3

Quant Time: Apr 05 04:41:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

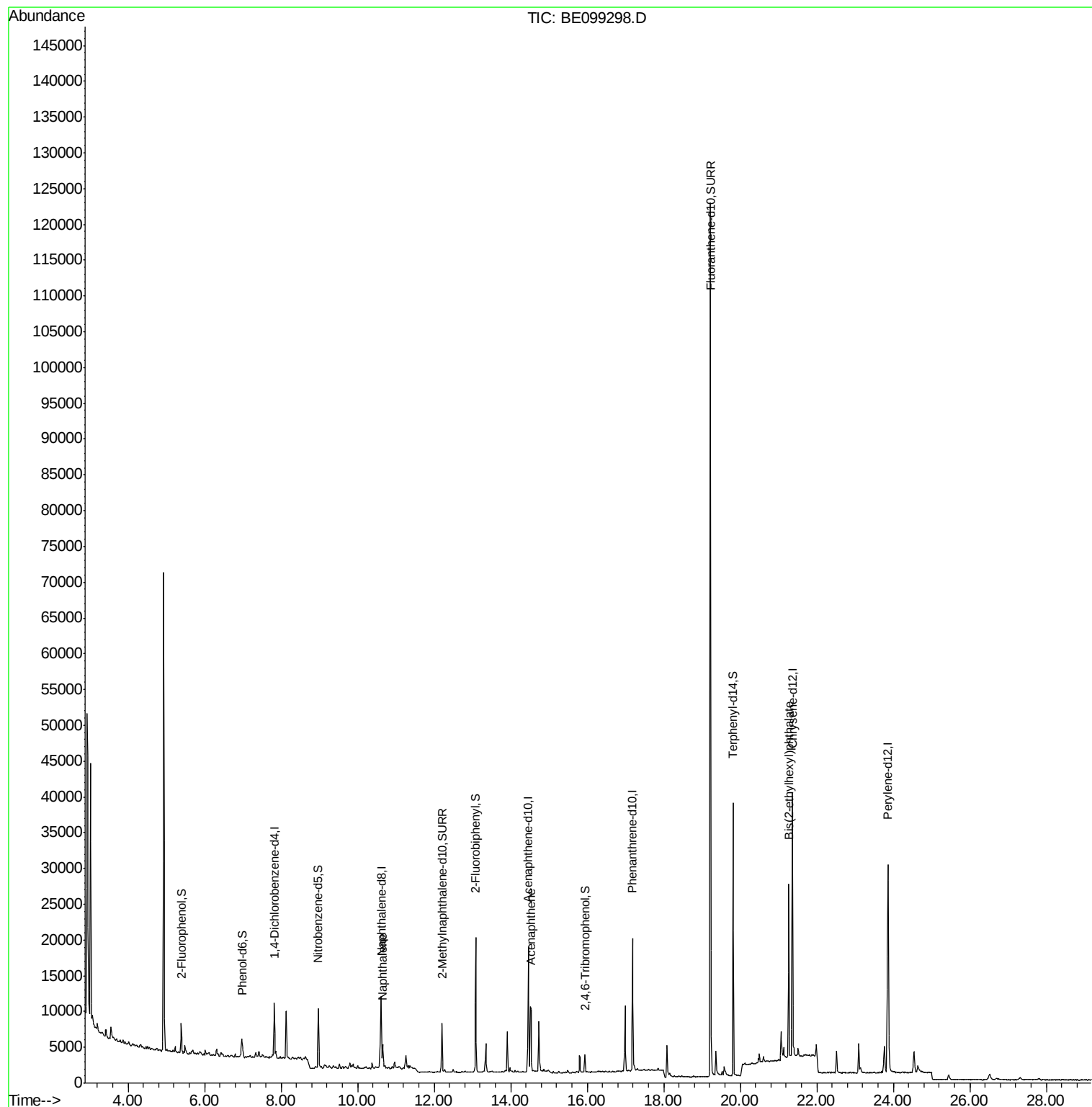
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3720	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	13404	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8746	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	25533	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	41143	0.40	ng	-0.02
34) Perylene-d12	23.86	264	44101	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2278	0.23	ng	-0.02
5) Phenol-d6	6.98	99	2516	0.19	ng	-0.01
8) Nitrobenzene-d5	8.96	82	4506	0.49	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	9937	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	1652	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	16814	0.49	ng	-0.02
25) Fluoranthene-d10	19.22	212	163857	0.49	ng	-0.02
29) Terphenyl-d14	19.81	244	34116	0.45	ng	-0.02
Target Compounds						
9) Naphthalene	10.65	128	5027	0.034	ng	Qvalue # 91
17) Acenaphthene	14.53	154	5478	0.224	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	27544	0.167	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: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

WE-3

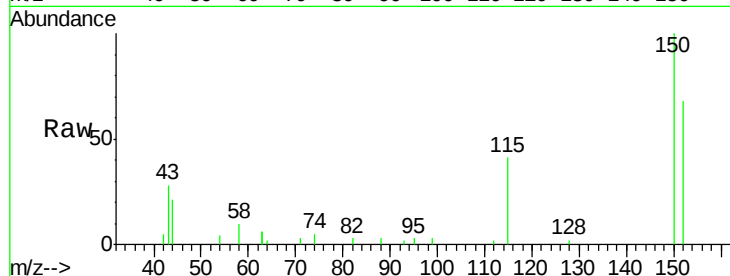
Tgt Ion:152 Resp: 3720

Ion Ratio Lower Upper

152 100

150 146.2 112.8 169.2

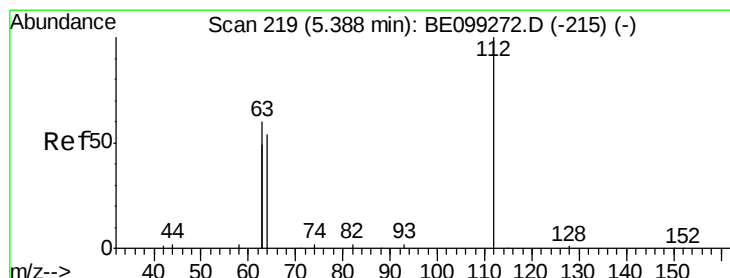
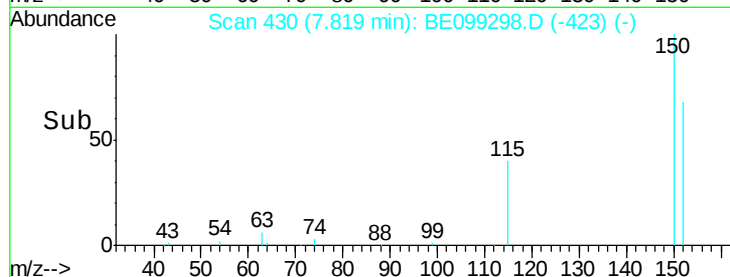
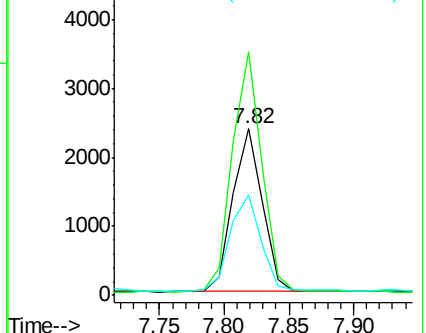
115 60.2 45.1 67.7



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: 0.230 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

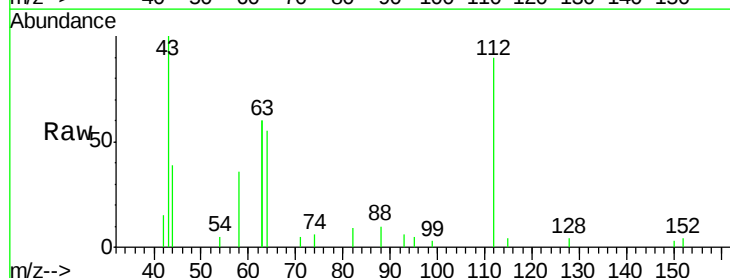
Tgt Ion:112 Resp: 2278

Ion Ratio Lower Upper

112 100

64 52.7 46.2 69.2

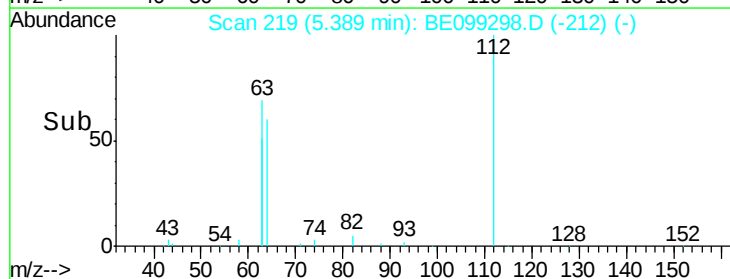
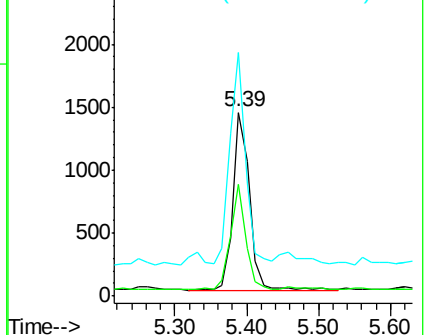
63 109.7 89.9 134.9

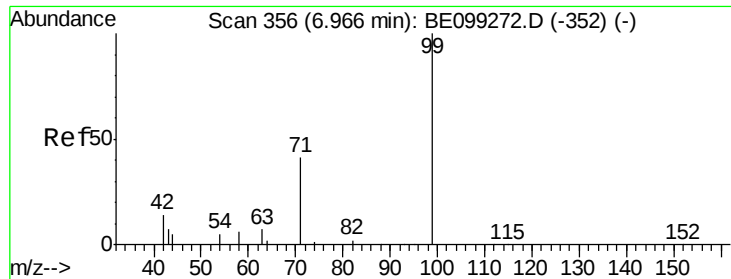


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.185 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

WE-3

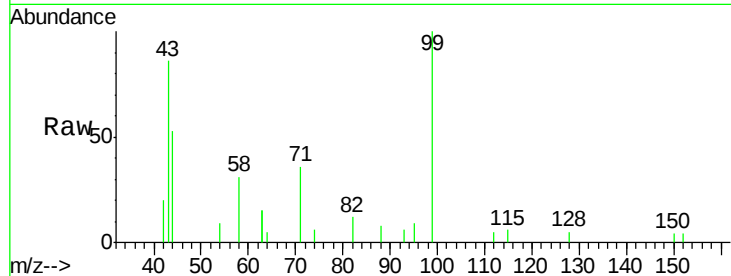
Tgt Ion: 99 Resp: 2516

Ion Ratio Lower Upper

99 100

42 15.6 12.4 18.6

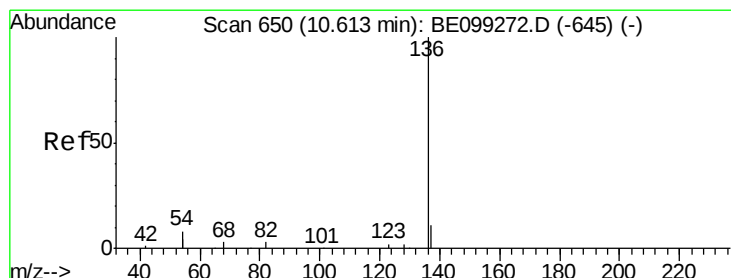
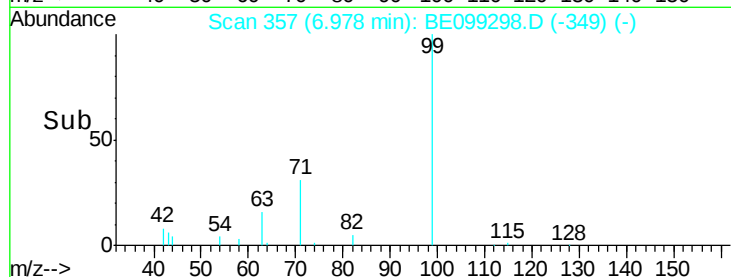
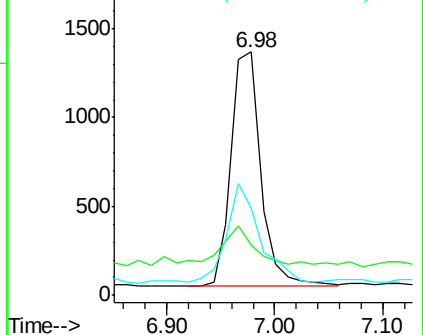
71 46.7 28.4 42.6#



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: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Tgt Ion: 136 Resp: 13404

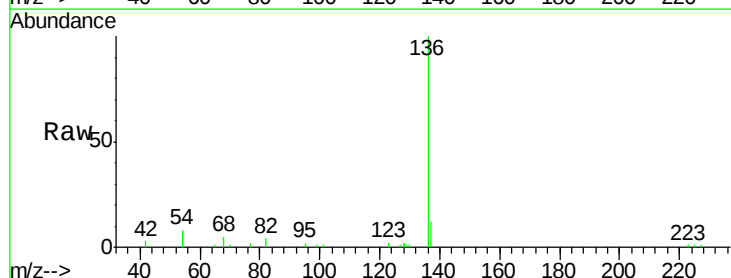
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 16.0 18.7 28.1#

68 4.6 5.2 7.8#

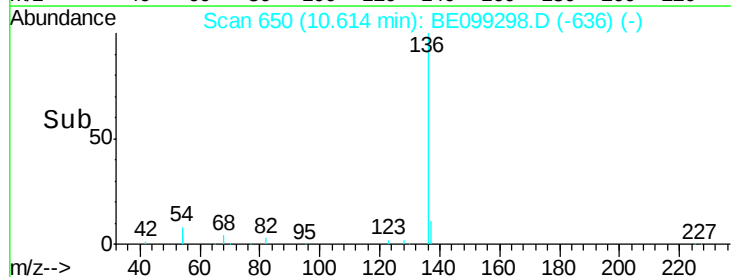
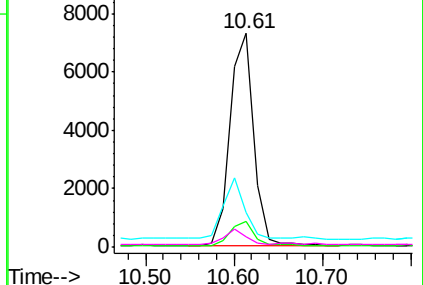


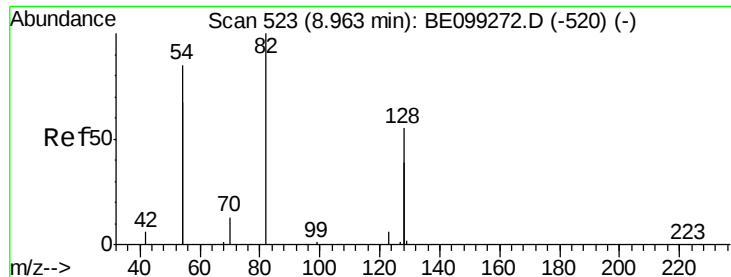
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.490 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

WE-3

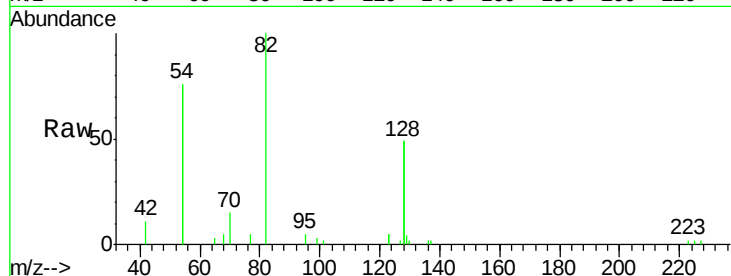
Tgt Ion: 82 Resp: 4506

Ion Ratio Lower Upper

82 100

128 98.1 107.5 161.3#

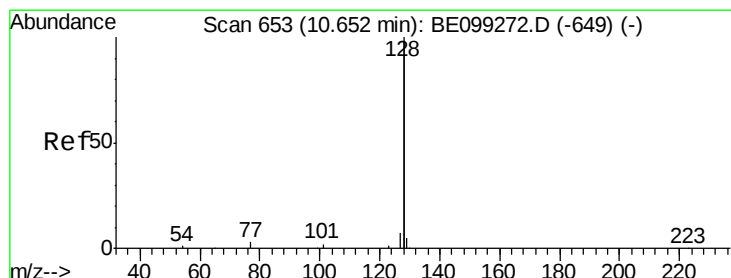
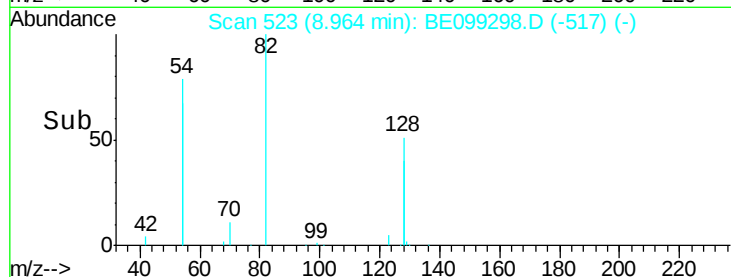
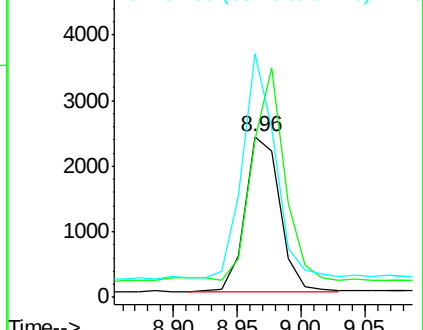
54 151.6 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE099298.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE099298.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE099298.D (-517) (-)



#9

Naphthalene

Concen: 0.034 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

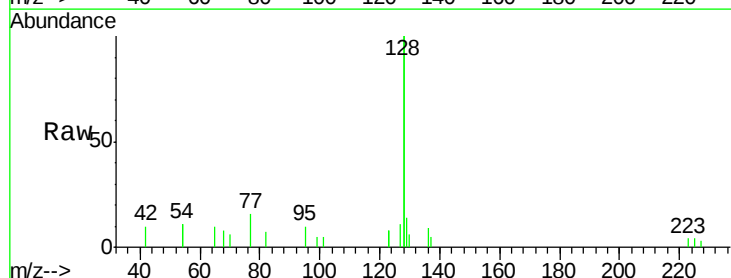
Tgt Ion: 128 Resp: 5027

Ion Ratio Lower Upper

128 100

129 7.2 2.3 3.5#

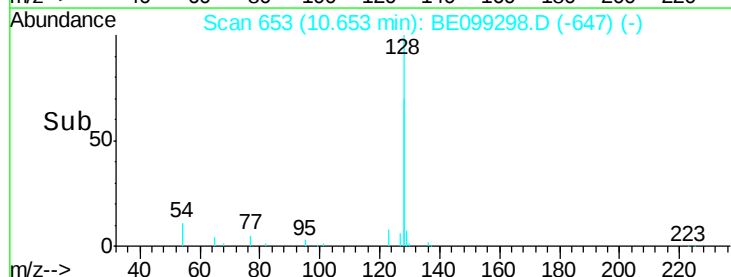
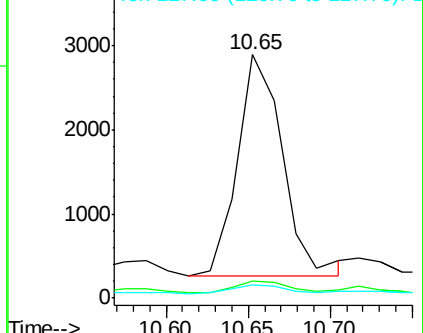
127 5.3 2.6 3.8#

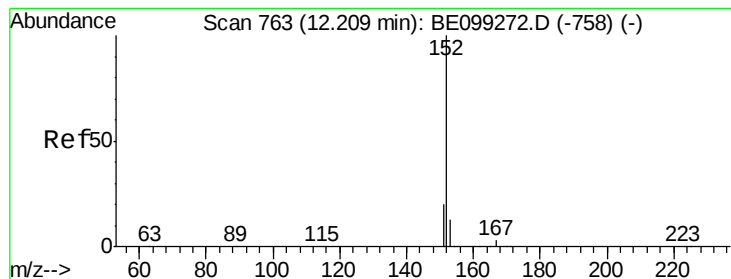


Abundance Ion 128.00 (127.70 to 128.70): BE099298.D (-647) (-)

Ion 129.00 (128.70 to 129.70): BE099298.D (-647) (-)

Ion 127.00 (126.70 to 127.70): BE099298.D (-647) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

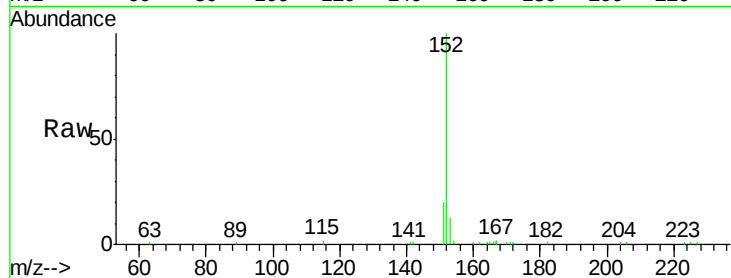
WE-3

Tgt Ion:152 Resp: 9937

Ion Ratio Lower Upper

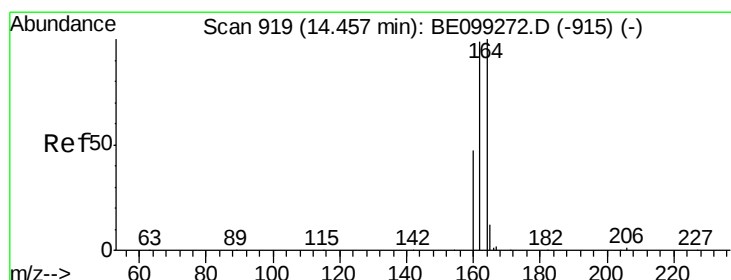
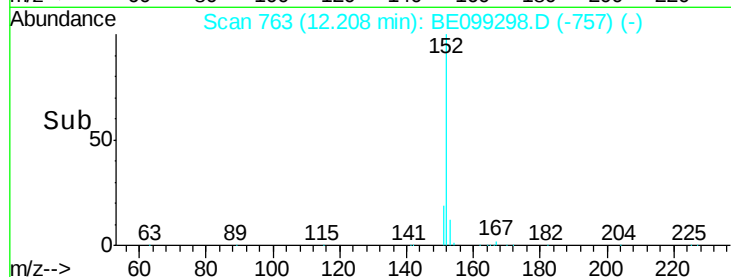
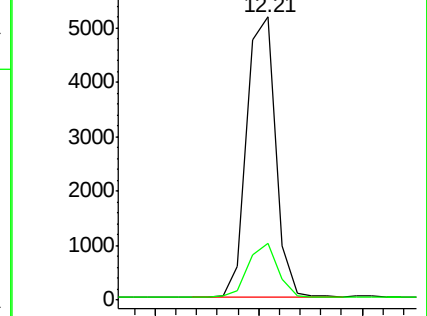
152 100

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: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

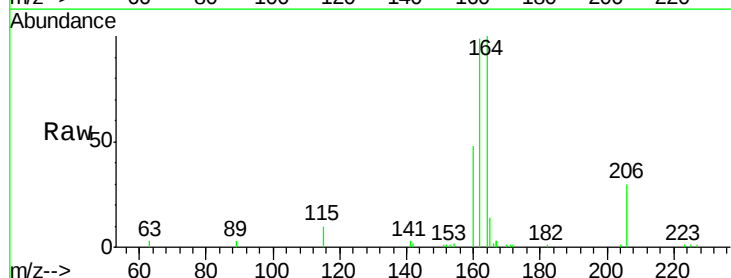
Tgt Ion:164 Resp: 8746

Ion Ratio Lower Upper

164 100

162 99.3 79.2 118.8

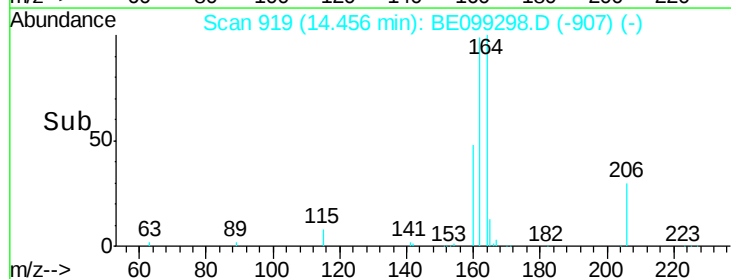
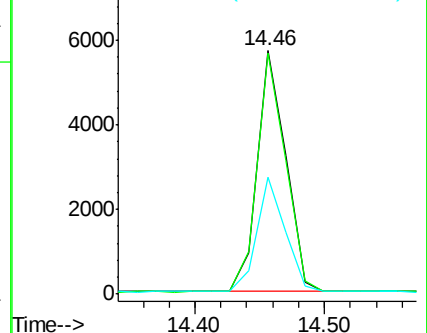
160 48.1 36.7 55.1

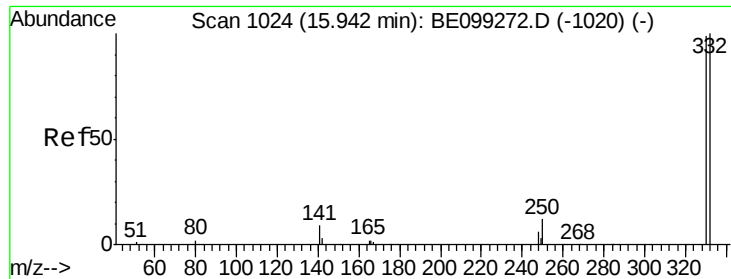


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.410 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampled :

WE-3

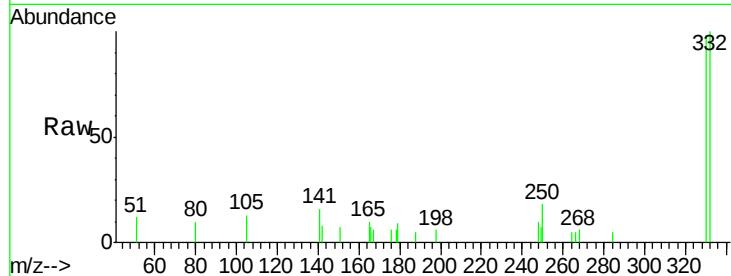
Tgt Ion:330 Resp: 1652

Ion Ratio Lower Upper

330 100

332 99.1 71.3 106.9

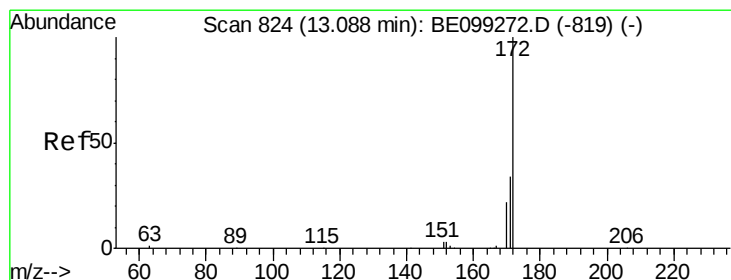
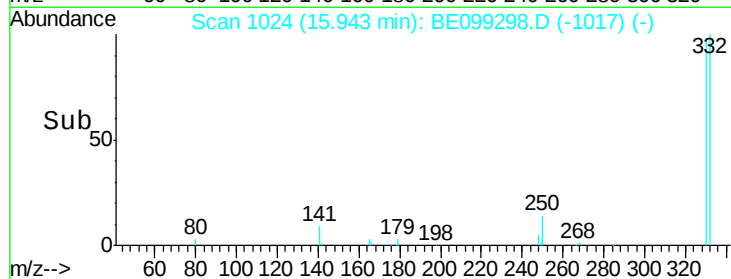
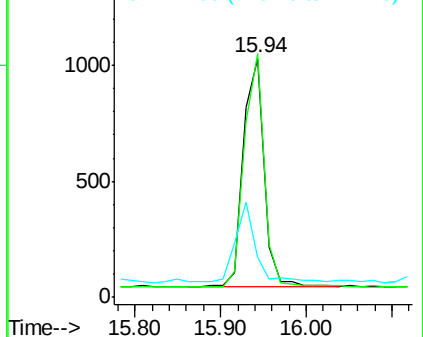
141 34.0 21.7 32.5#



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: 0.489 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

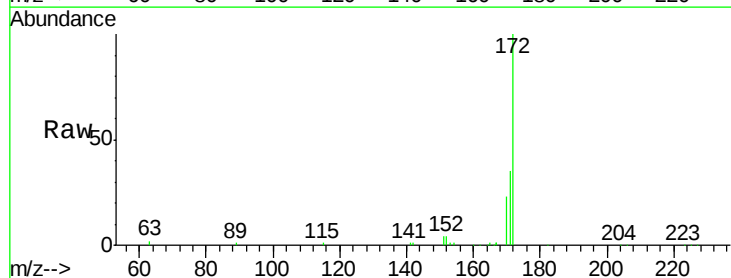
Tgt Ion:172 Resp: 16814

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

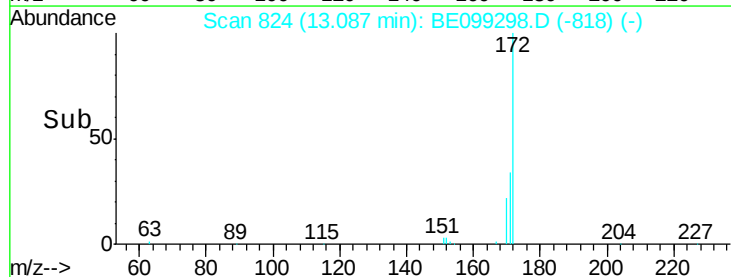
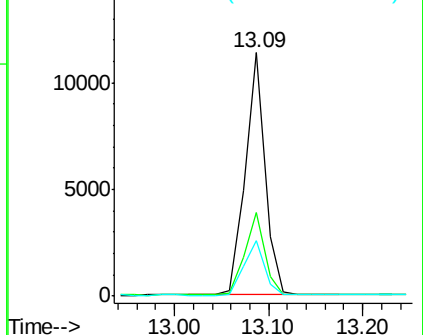
170 22.6 19.1 28.7

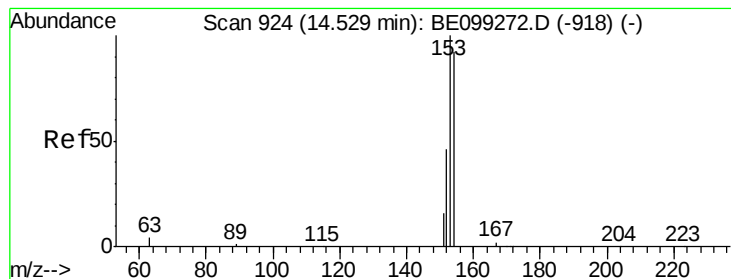


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#17

Acenaphthene

Concen: 0.224 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

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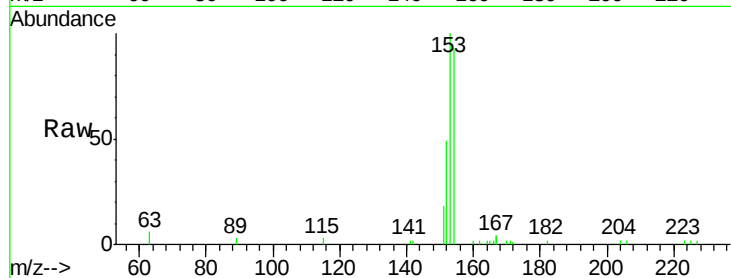
Tgt Ion:154 Resp: 5478

Ion Ratio Lower Upper

154 100

153 119.2 93.4 140.0

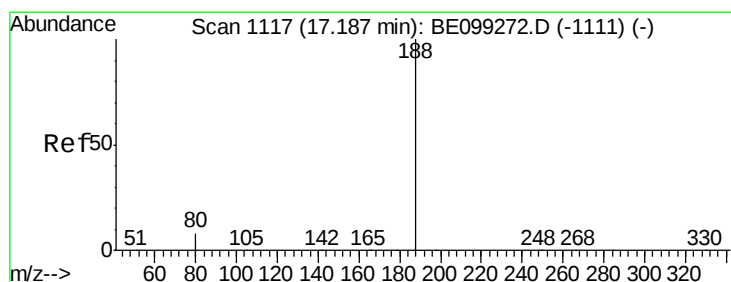
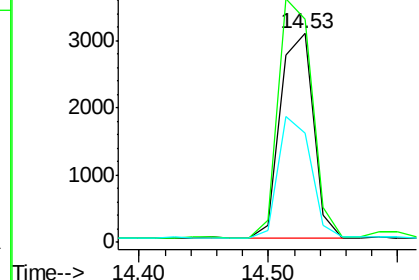
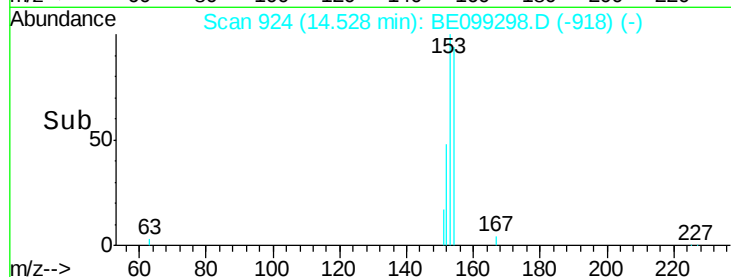
152 58.6 46.6 69.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

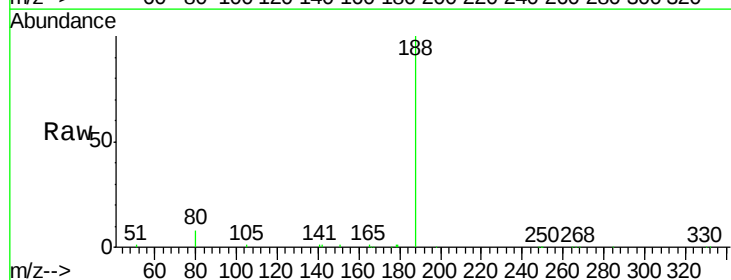
Tgt Ion:188 Resp: 25533

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

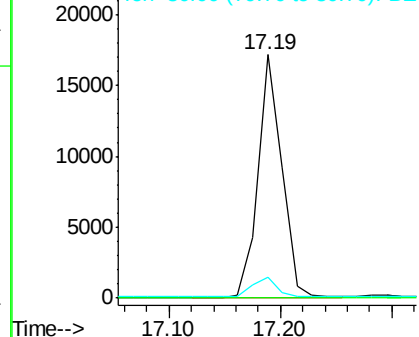
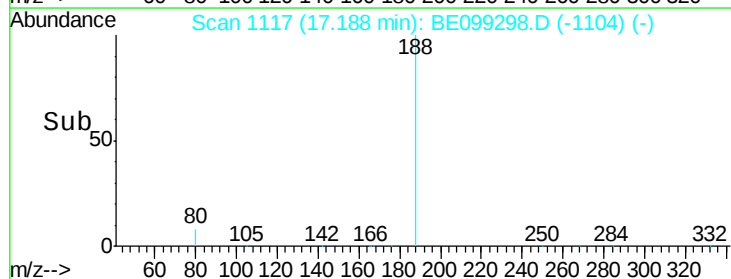
80 8.4 4.5 6.7#

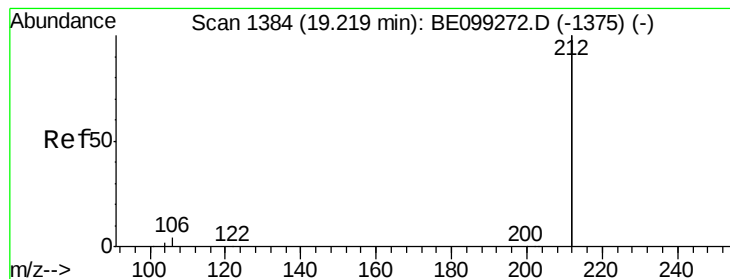


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.486 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

WE-3

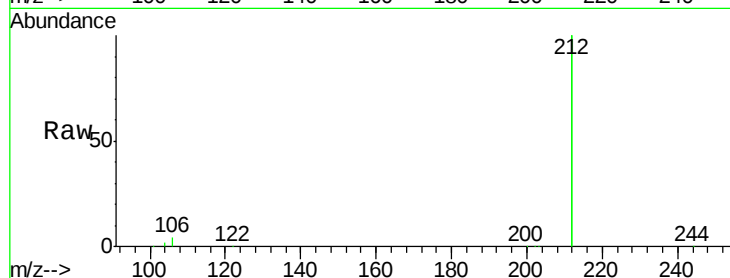
Tgt Ion:212 Resp: 163857

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

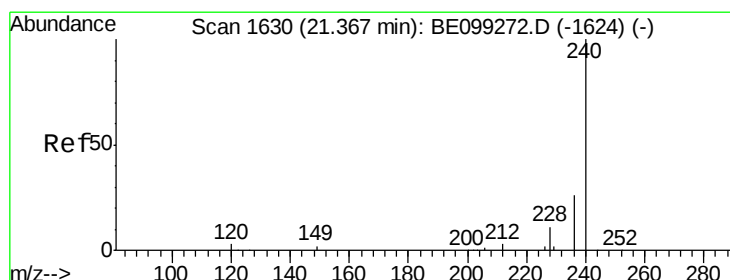
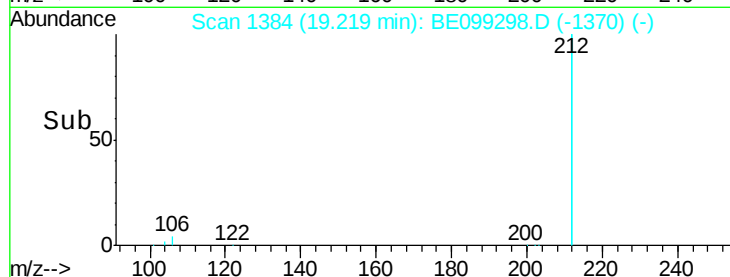
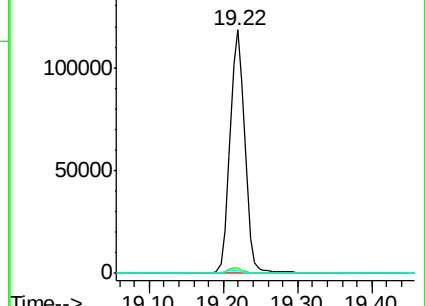
104 1.3 1.1 1.7



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: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

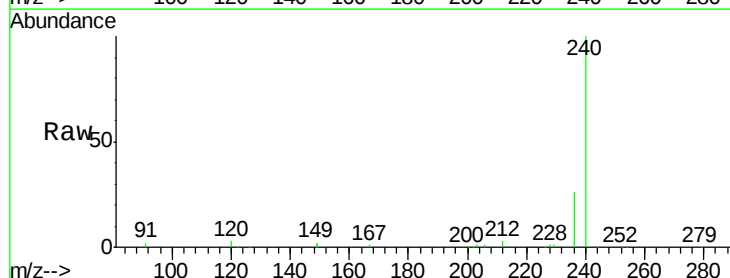
Tgt Ion:240 Resp: 41143

Ion Ratio Lower Upper

240 100

120 3.2 2.6 3.8

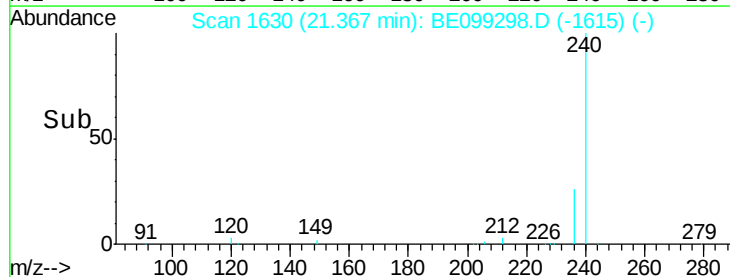
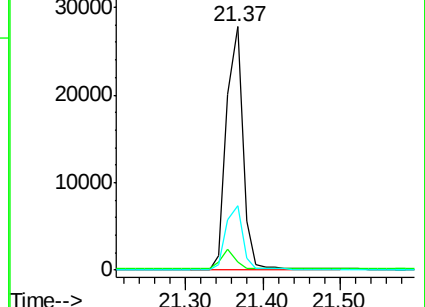
236 26.4 20.9 31.3

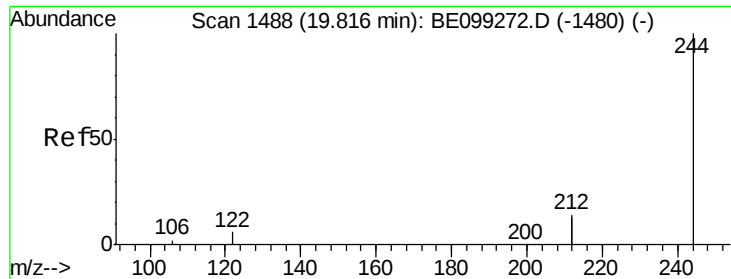


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

WE-3

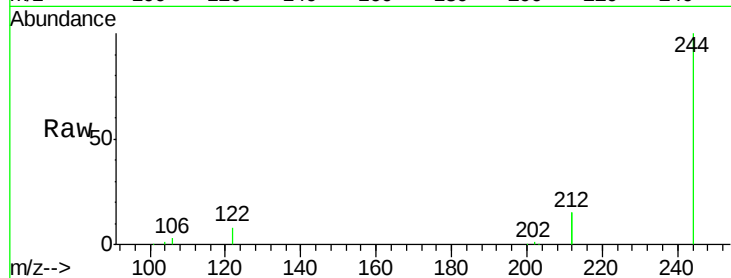
Tgt Ion:244 Resp: 34116

Ion Ratio Lower Upper

244 100

212 30.5 22.7 34.1

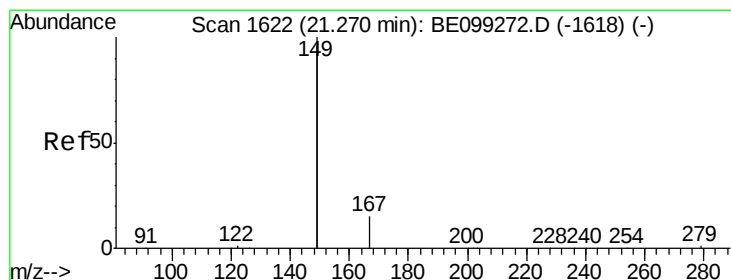
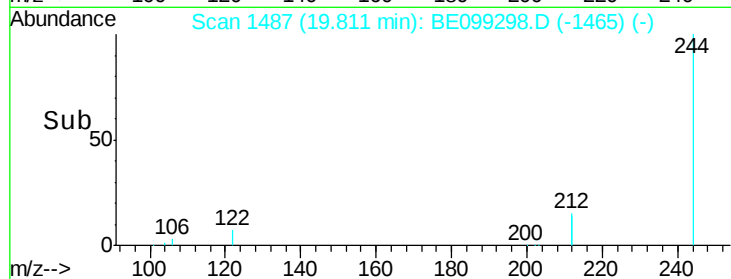
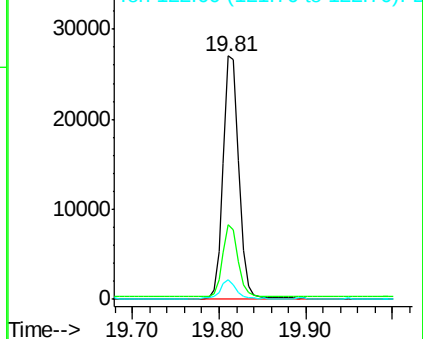
122 7.9 5.8 8.6



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: 0.167 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

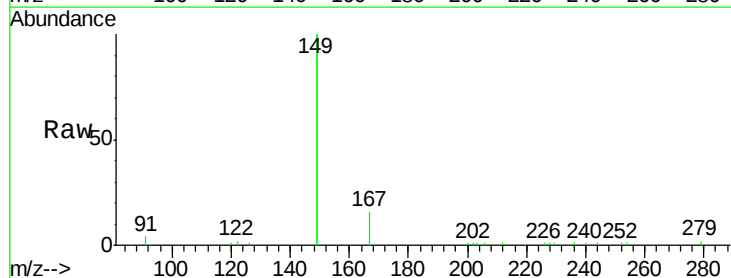
Tgt Ion:149 Resp: 27544

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

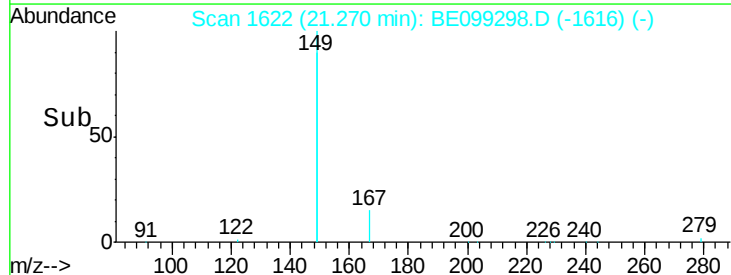
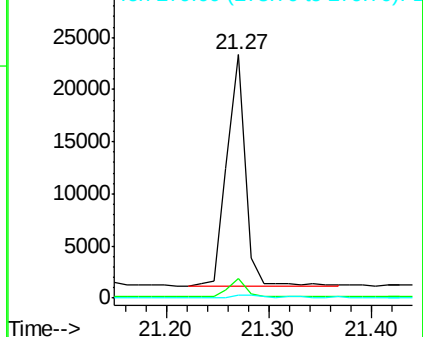
279 1.3 1.0 1.6

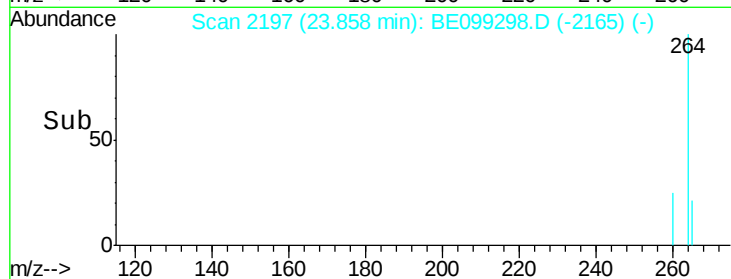
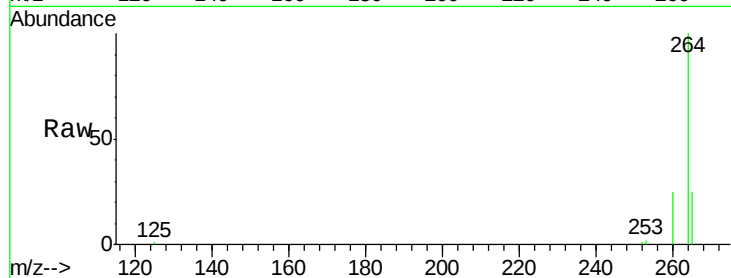
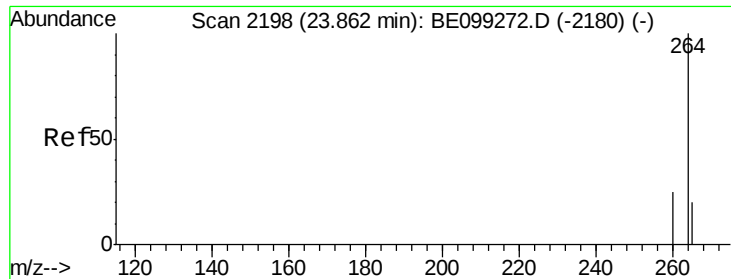


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.86 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BE099298.D

Acq: 4 Apr 2019 20:08

Instrument :

BNA_E

ClientSampleId :

WE-3

Tgt Ion:264 Resp: 44101

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.2

265 24.6 21.8 32.8

