

Data File : BE099789.D
Acq On : 3 Jun 2019 16:51
Operator : JU/SJ
Sample : K3088-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
W-4

Quant Time: Jun 04 03:09:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1569	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	5128	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3799	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	12397	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	21002	0.40	ng	-0.01
34) Perylene-d12	23.94	264	24318	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	826	0.21	ng	0.00
5) Phenol-d6	6.97	99	708	0.13	ng	0.00
8) Nitrobenzene-d5	8.96	82	1443	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3319	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1081	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5110	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	76678	0.45	ng	-0.01
29) Terphenyl-d14	19.85	244	17860	0.48	ng	-0.02

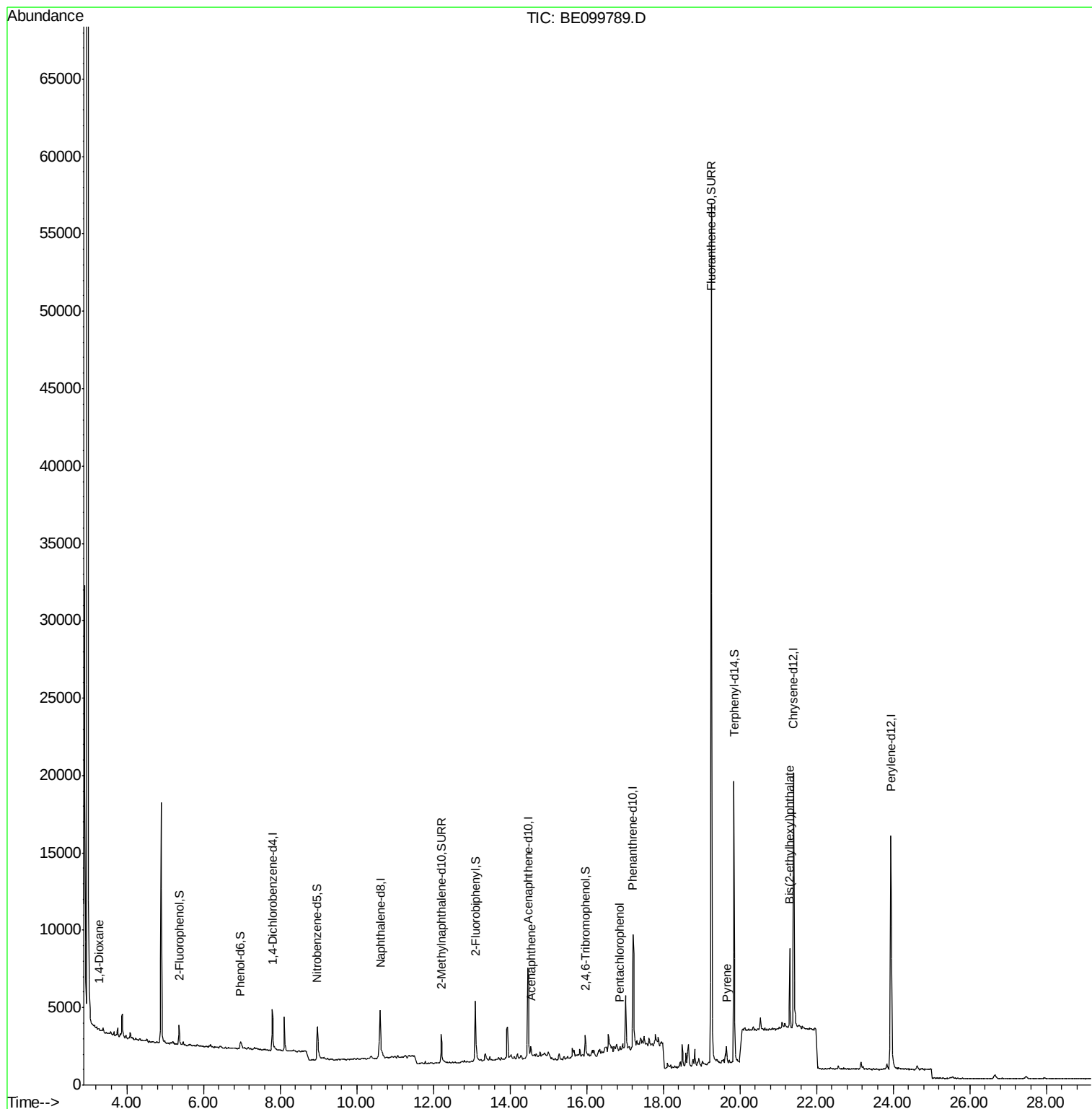
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	57	0.025	ng	# 34
17) Acenaphthene	14.54	154	290	0.029	ng	93
22) Pentachlorophenol	16.87	266	33	0.196	ng	# 72
28) Pyrene	19.65	202	1068	0.020	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.31	149	5423	0.079	ng	# 96

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

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BNA_E
ClientSampleId :
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Quant Time: Jun 03 19:16:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. -0.02 min

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Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

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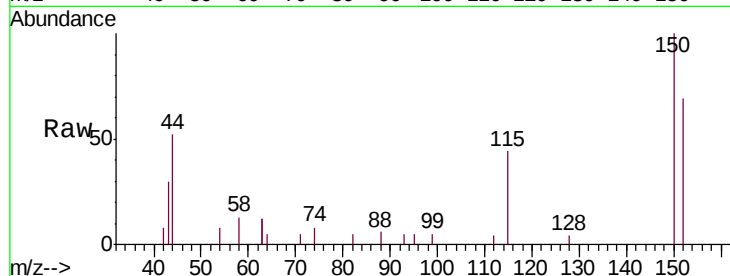
Tgt Ion:152 Resp: 1569

Ion Ratio Lower Upper

152 100

150 144.7 109.2 163.8

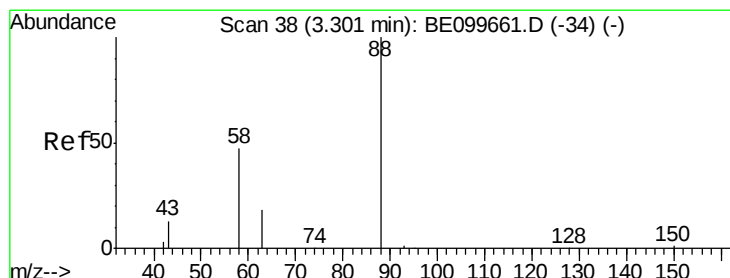
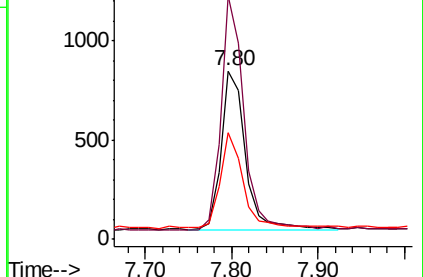
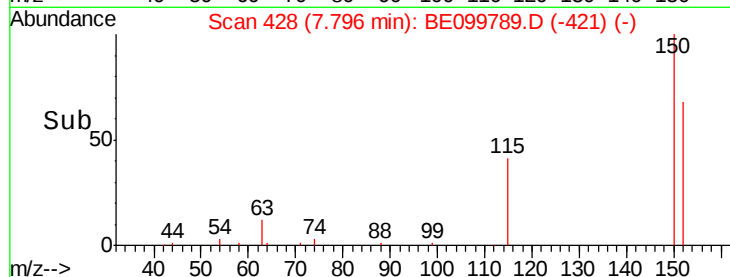
115 63.2 43.7 65.5



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: 0.025 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

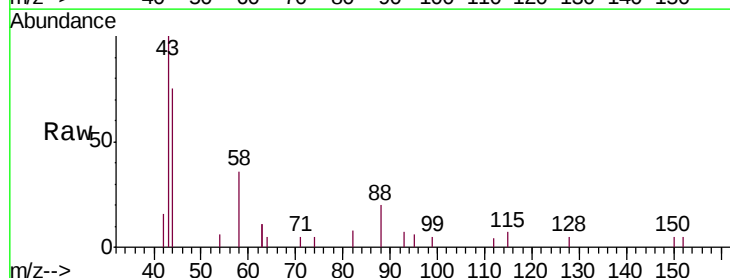
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

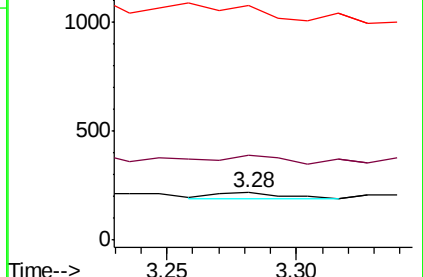
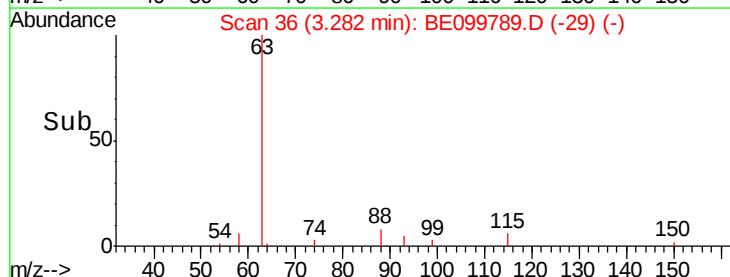
43 0.0 15.0 22.4#

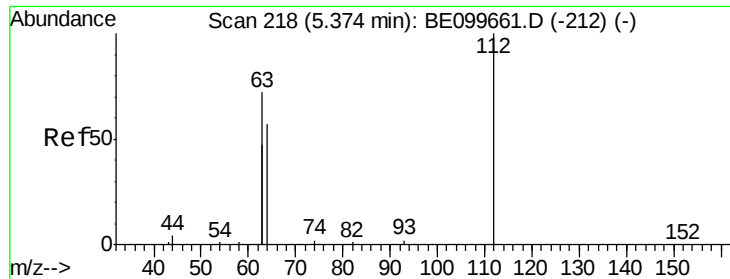


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.208 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

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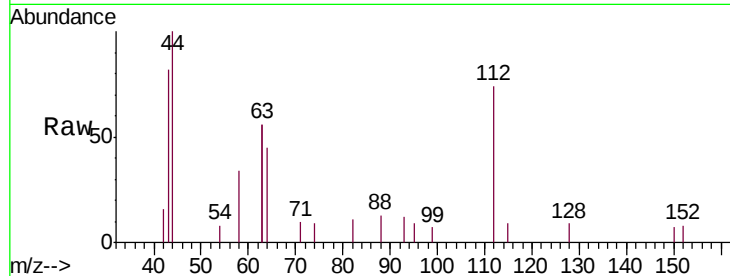
Tgt Ion: 112 Resp: 826

Ion Ratio Lower Upper

112 100

64 52.4 43.4 65.2

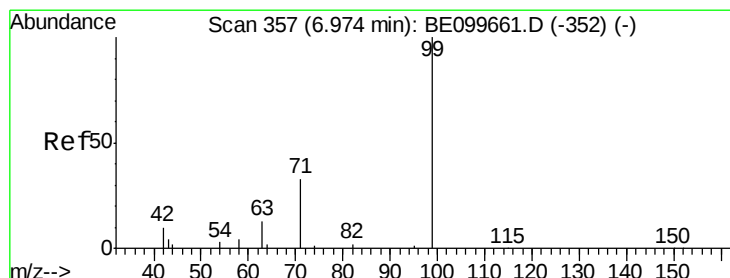
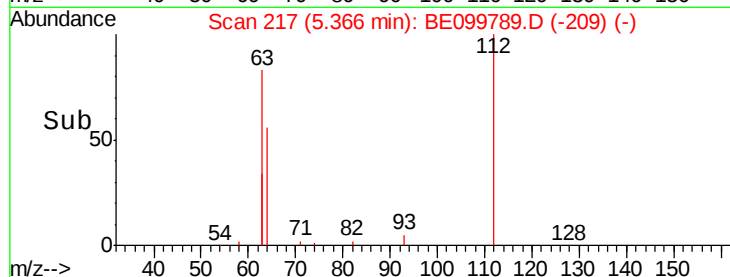
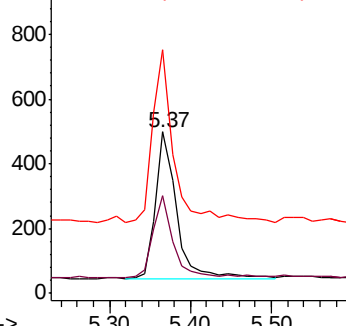
63 120.0 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.135 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

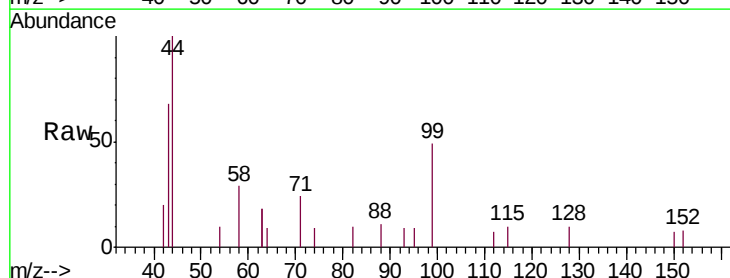
Tgt Ion: 99 Resp: 708

Ion Ratio Lower Upper

99 100

42 19.9 12.2 18.2#

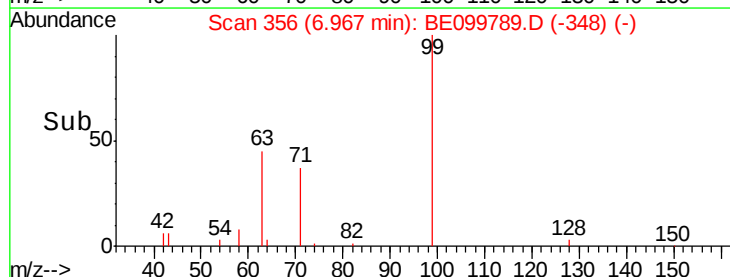
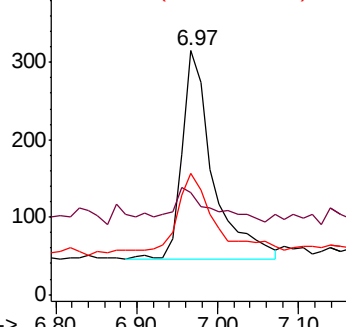
71 40.8 28.9 43.3

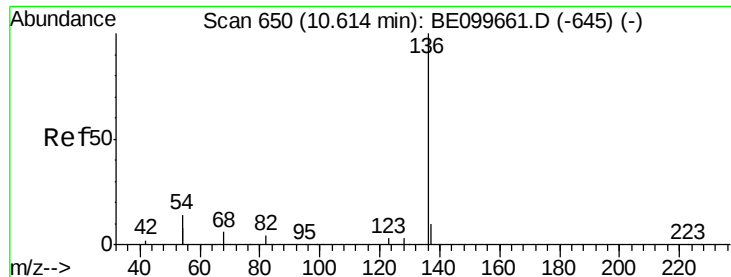


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 5128

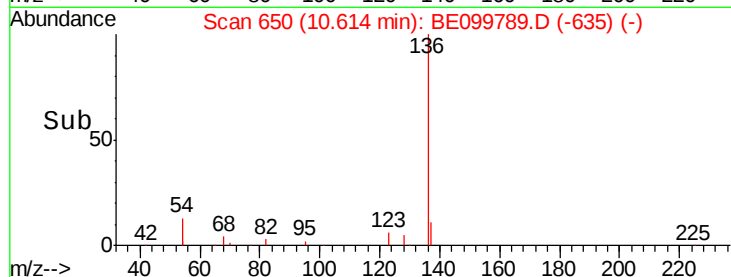
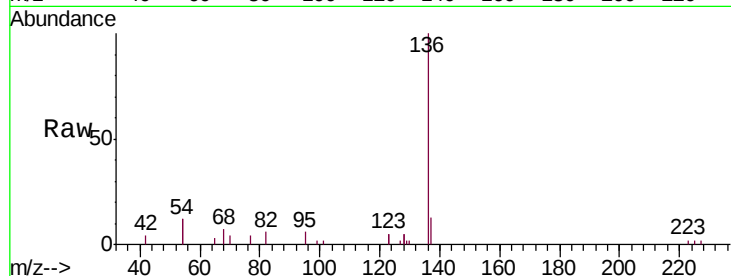
Ion Ratio Lower Upper

136 100

137 12.9 9.0 13.6

54 24.6 22.3 33.5

68 7.3 6.0 9.0

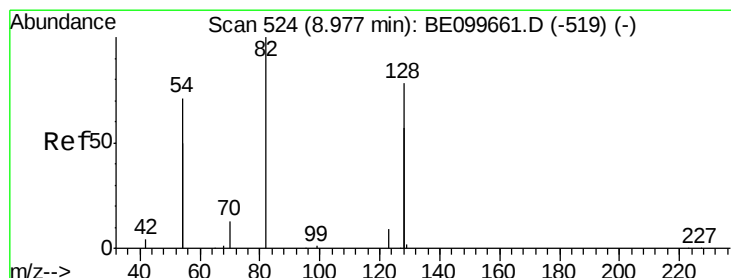
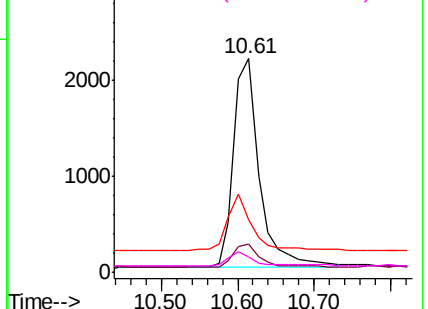


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

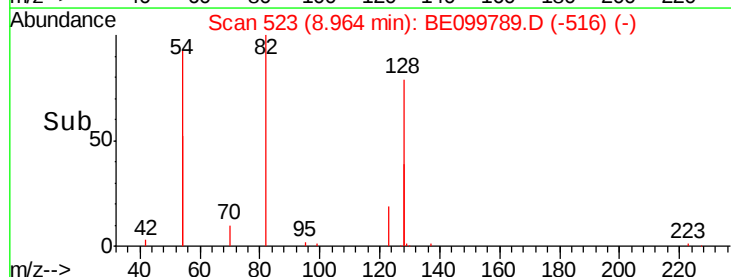
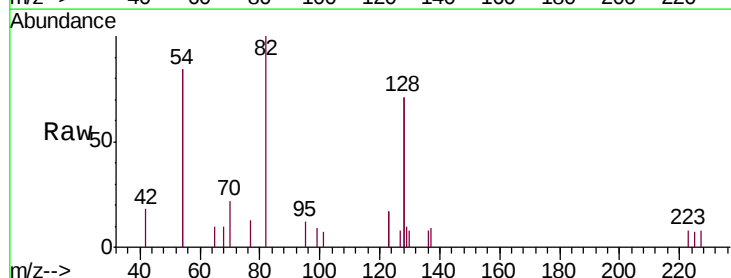
Tgt Ion: 82 Resp: 1443

Ion Ratio Lower Upper

82 100

128 141.3 117.7 176.5

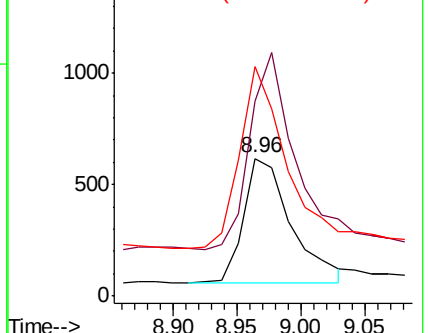
54 167.3 106.6 160.0#

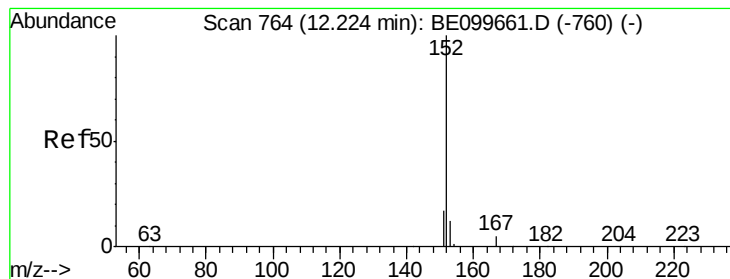


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

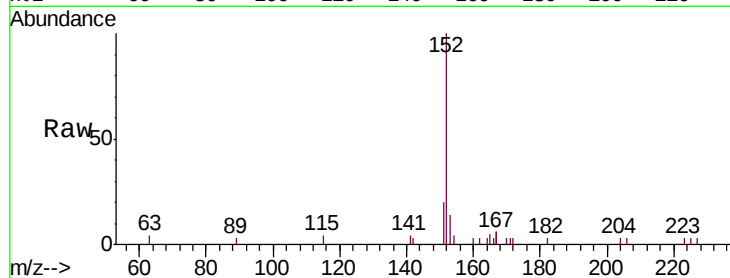
W-4

Tgt Ion:152 Resp: 3319

Ion Ratio Lower Upper

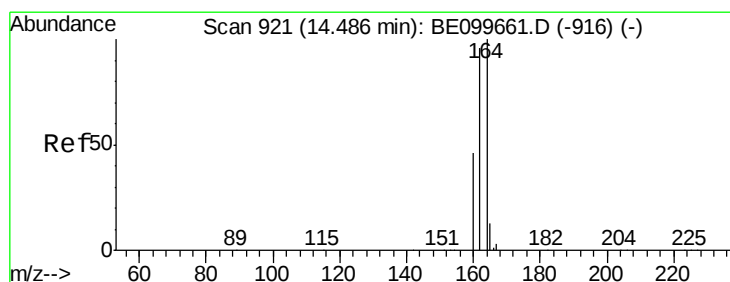
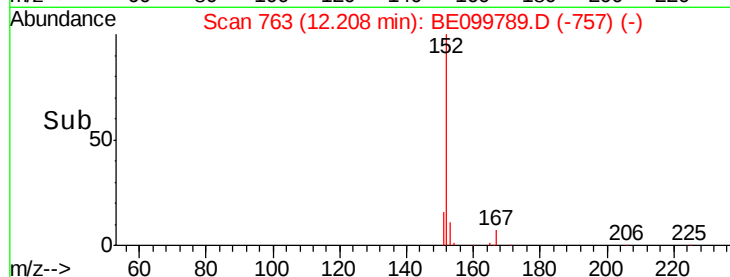
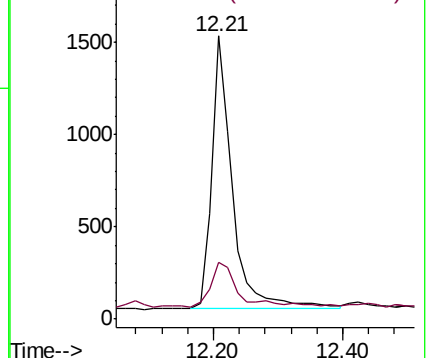
152 100

151 20.9 15.0 22.4



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: BE099789.D

Acq: 3 Jun 2019 16:51

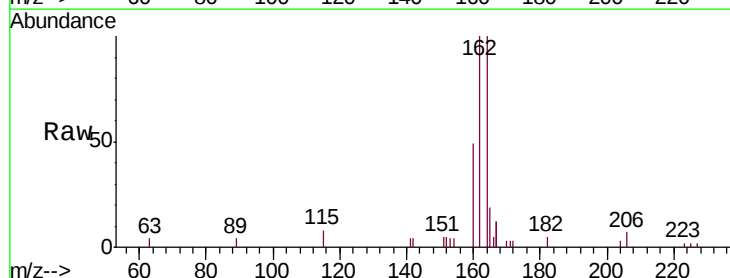
Tgt Ion:164 Resp: 3799

Ion Ratio Lower Upper

164 100

162 99.7 76.5 114.7

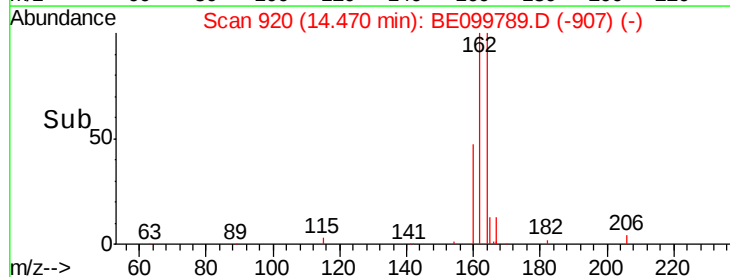
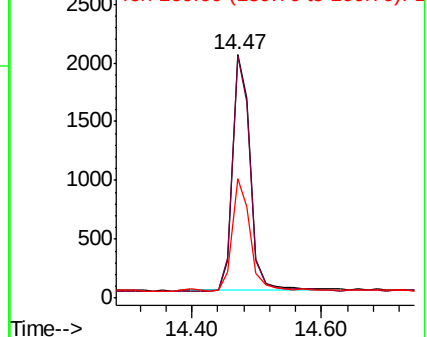
160 49.3 37.4 56.2

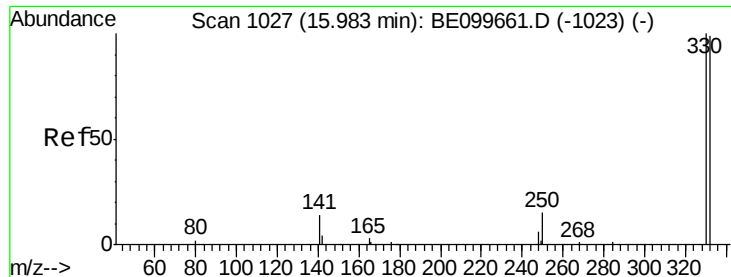


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.500 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

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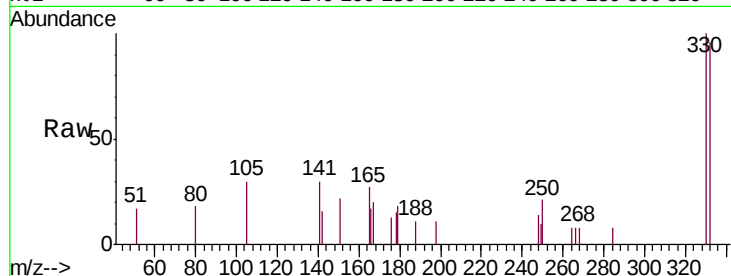
Tgt Ion:330 Resp: 1081

Ion Ratio Lower Upper

330 100

332 93.4 77.3 115.9

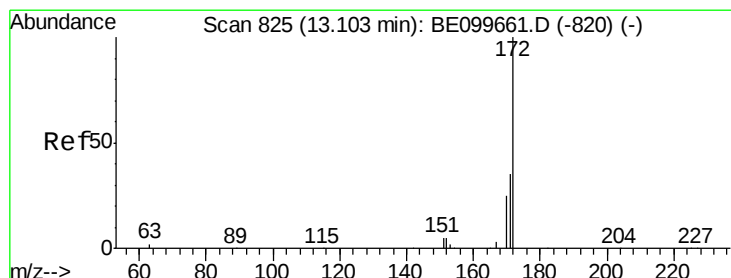
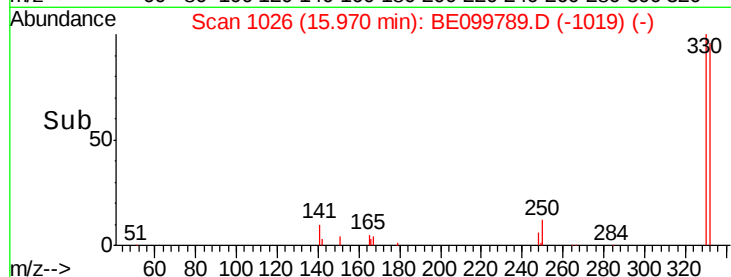
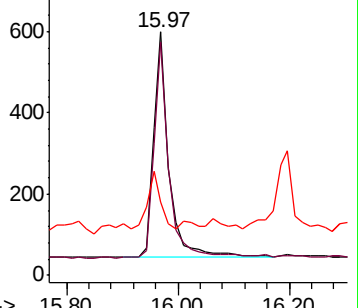
141 21.7 18.9 28.3



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: 0.354 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

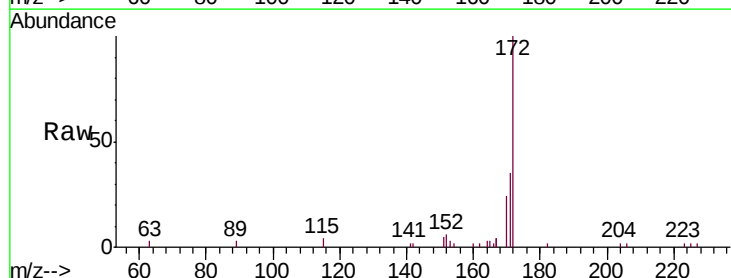
Tgt Ion:172 Resp: 5110

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

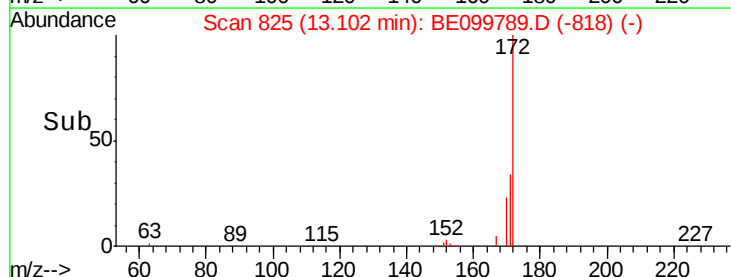
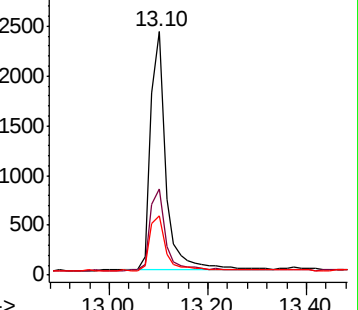
170 24.4 20.9 31.3

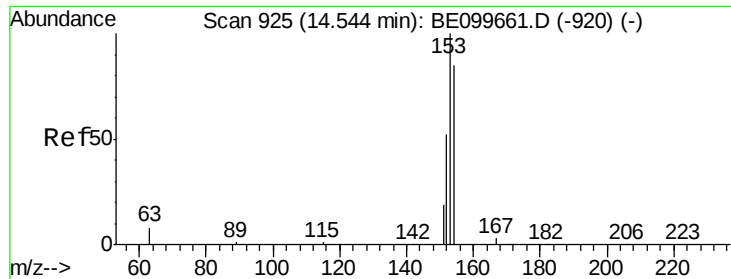


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#17

Acenaphthene

Concen: 0.029 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

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ClientSampleId :

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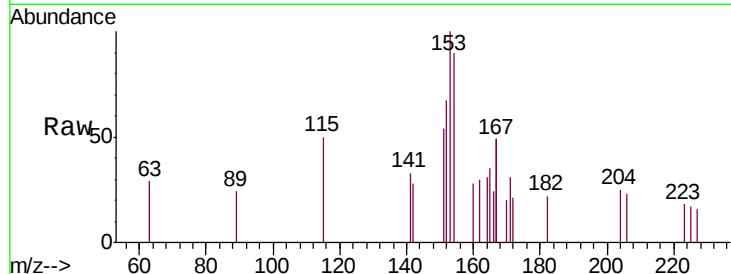
Tgt Ion:154 Resp: 290

Ion Ratio Lower Upper

154 100

153 124.5 91.8 137.6

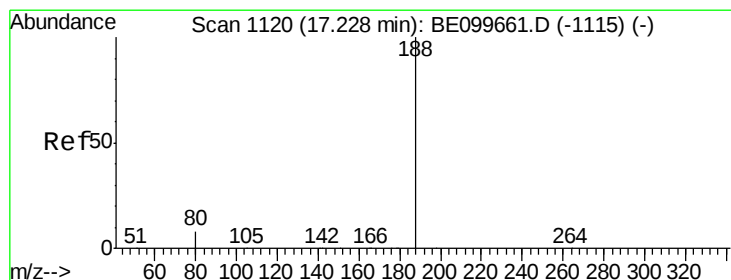
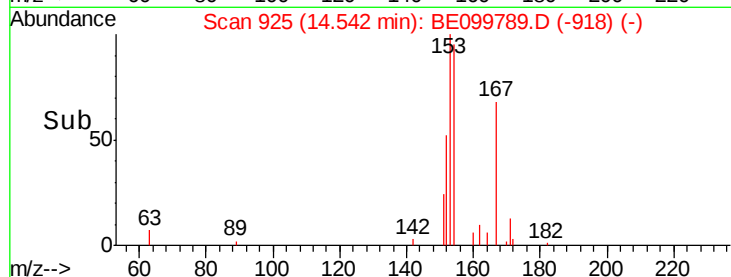
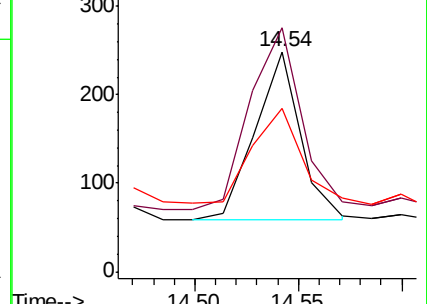
152 60.0 46.0 69.0



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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

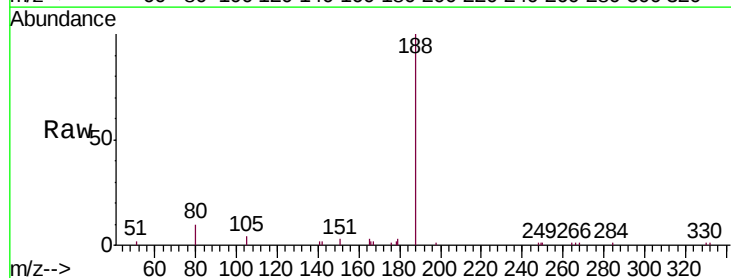
Tgt Ion:188 Resp: 12397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

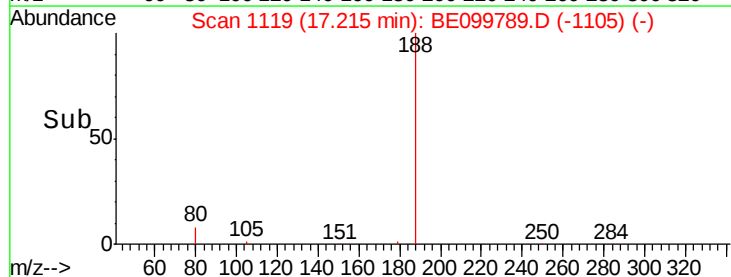
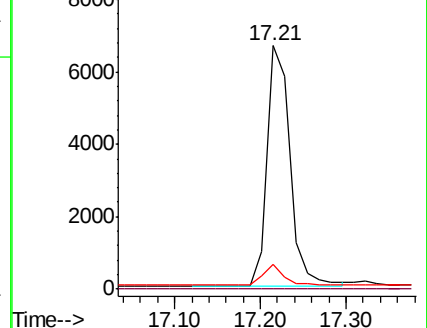
80 10.1 6.7 10.1#

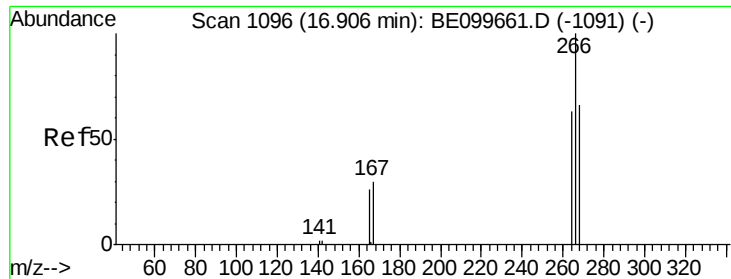


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.196 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

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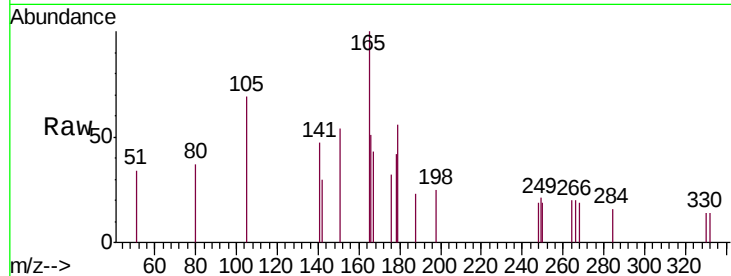
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

264 100.0 57.2 85.8#

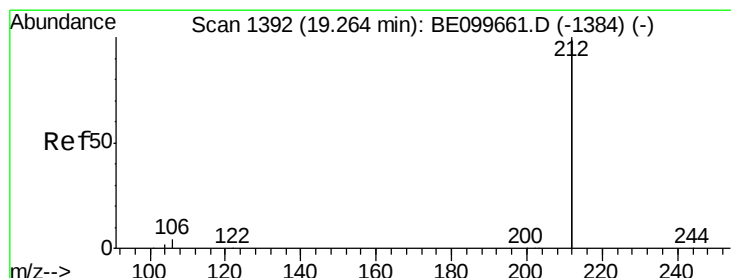
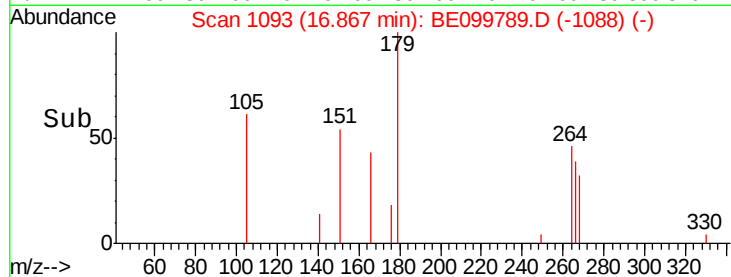
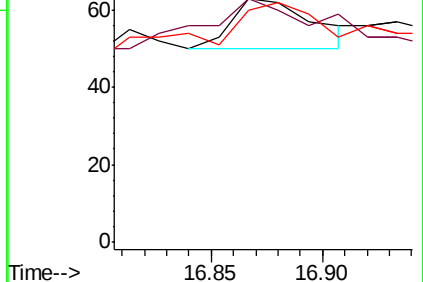
268 95.2 60.5 90.7#



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: 0.453 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

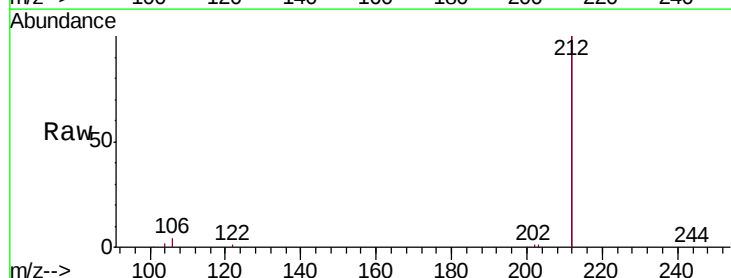
Tgt Ion:212 Resp: 76678

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

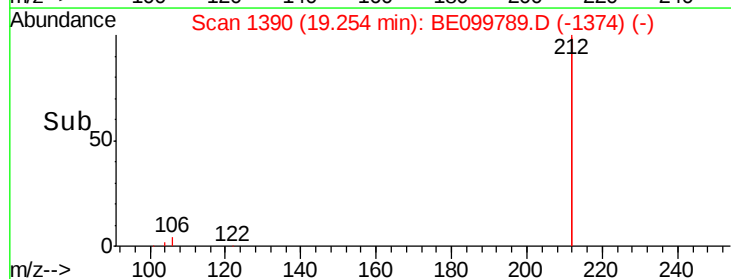
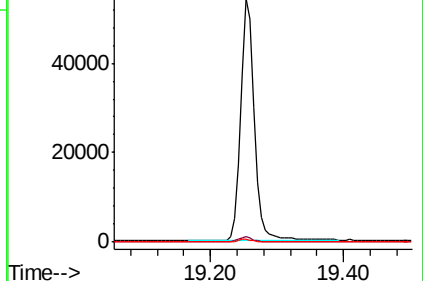
104 1.0 0.8 1.2

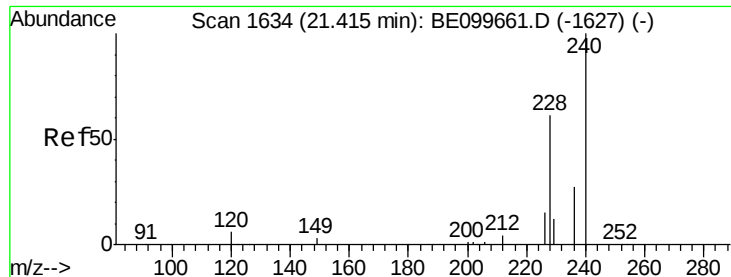


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

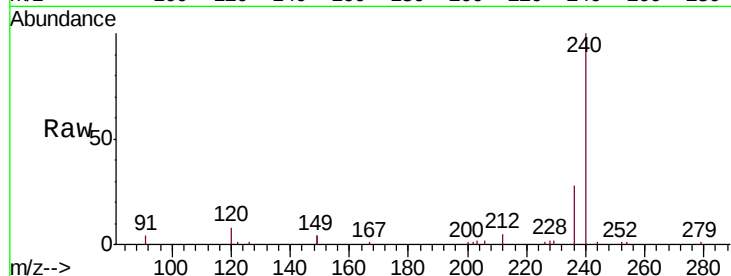




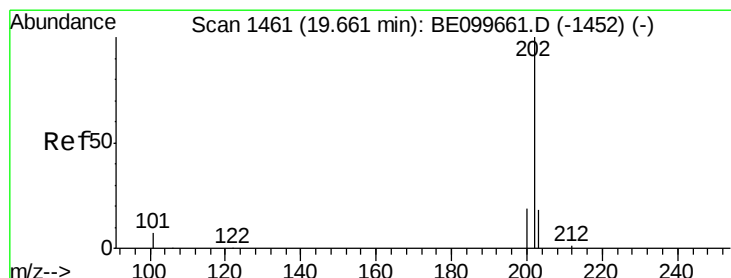
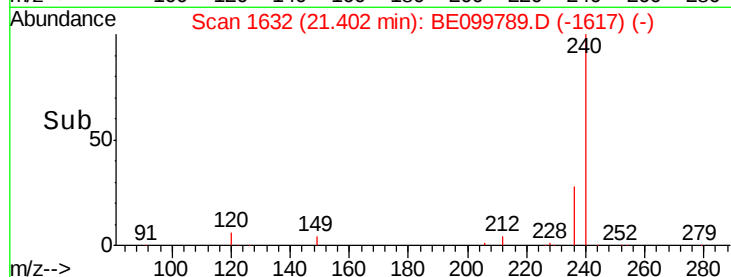
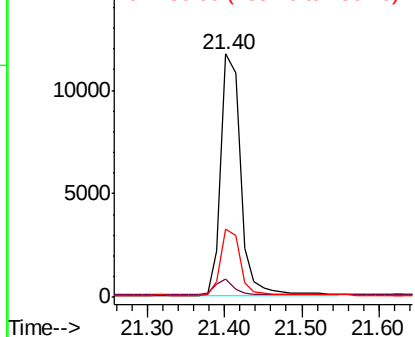
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Instrument :
 BNA_E
 ClientSampleId :
 W-4

Tgt Ion:240 Resp: 21002
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.4 8.0
 236 28.2 21.7 32.5

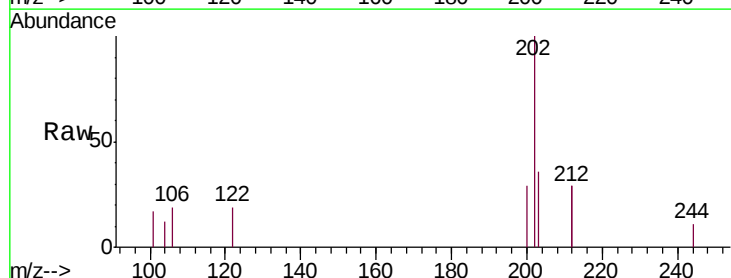


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

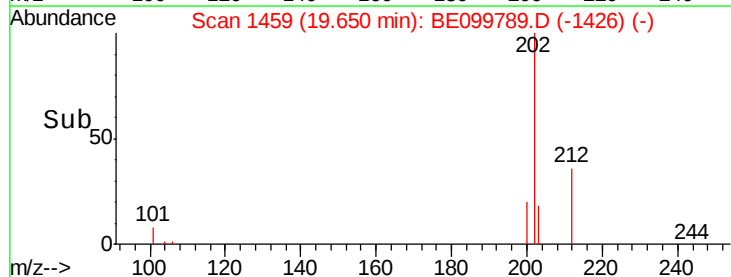
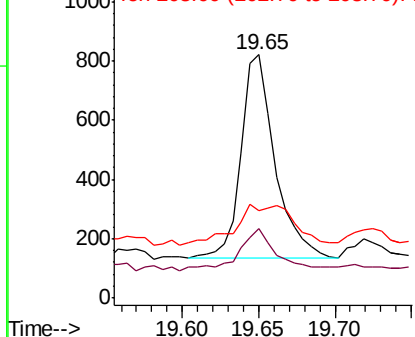


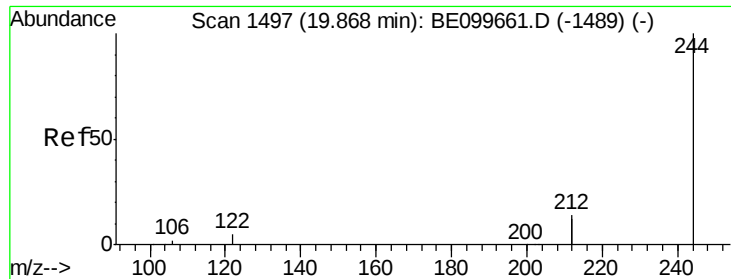
#28
 Pyrene
 Concen: 0.020 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099789.D
 Acq: 3 Jun 2019 16:51

Tgt Ion:202 Resp: 1068
 Ion Ratio Lower Upper
 202 100
 200 22.2 15.4 23.2
 203 36.1 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

W-4

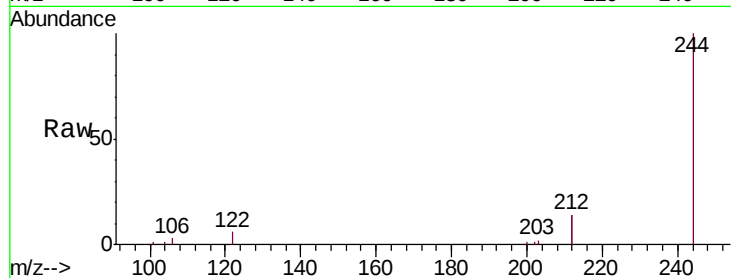
Tgt Ion:244 Resp: 17860

Ion Ratio Lower Upper

244 100

212 29.0 22.5 33.7

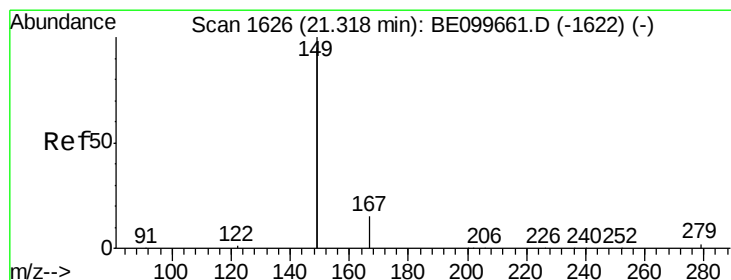
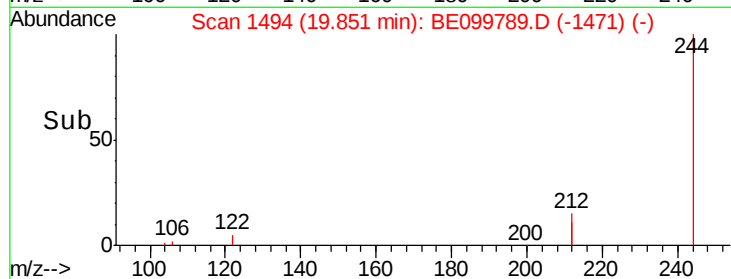
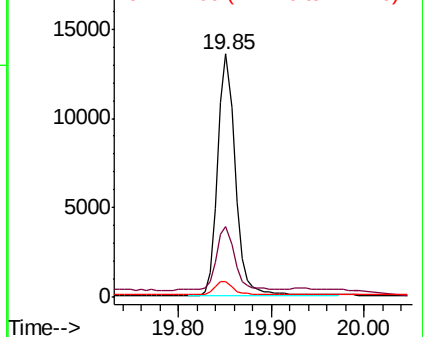
122 6.5 4.3 6.5



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: 0.079 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

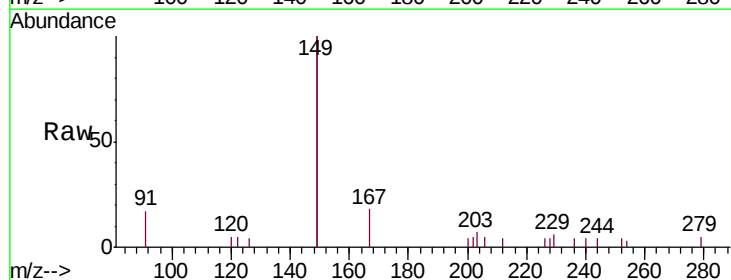
Tgt Ion:149 Resp: 5423

Ion Ratio Lower Upper

149 100

167 9.4 6.2 9.4#

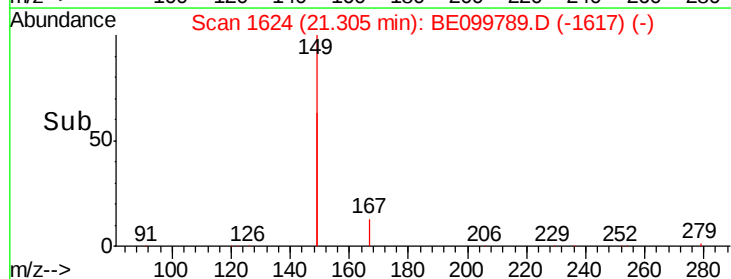
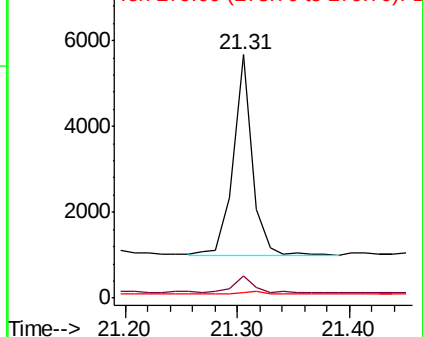
279 1.7 1.2 1.8

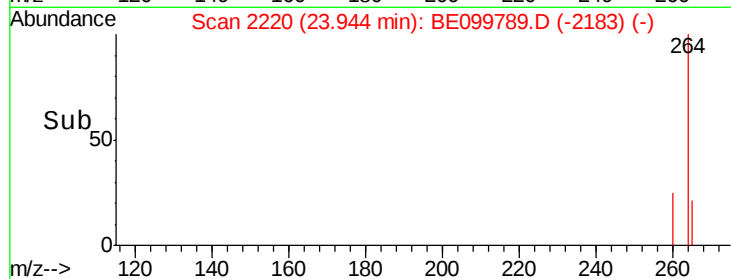
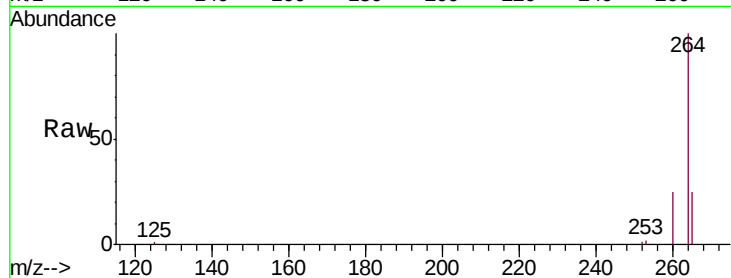
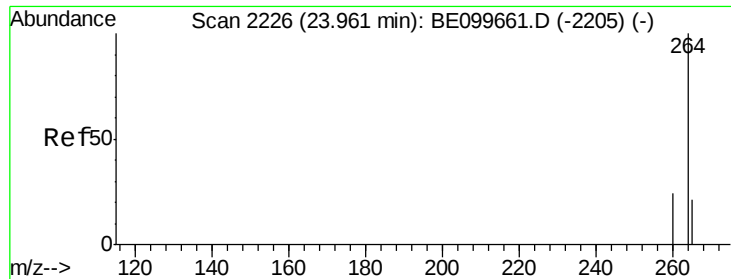


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2220

Delta R.T. -0.02 min

Lab File: BE099789.D

Acq: 3 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

W-4

Tgt Ion: 264 Resp: 24318

Ion Ratio Lower Upper

264 100

260 25.2 19.6 29.4

265 25.3 19.1 28.7

