

Data File : BE099788.D
Acq On : 3 Jun 2019 16:15
Operator : JU/SJ
Sample : K3088-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
W-3

Quant Time: Jun 04 03:09:19 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	1713	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	6070	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	4564	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	14076	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	18358	0.40	ng	-0.01
34) Perylene-d12	23.94	264	21085	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	938	0.22	ng	0.00
5) Phenol-d6	6.96	99	995	0.17	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1840	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3931	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1081	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6754	0.39	ng	0.00
25) Fluoranthene-d10	19.26	212	74340	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	16615	0.51	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.28	88	112	0.044	ng	# 1
22) Pentachlorophenol	16.88	266	31	0.193	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.31	149	2867	0.048	ng	# 99

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

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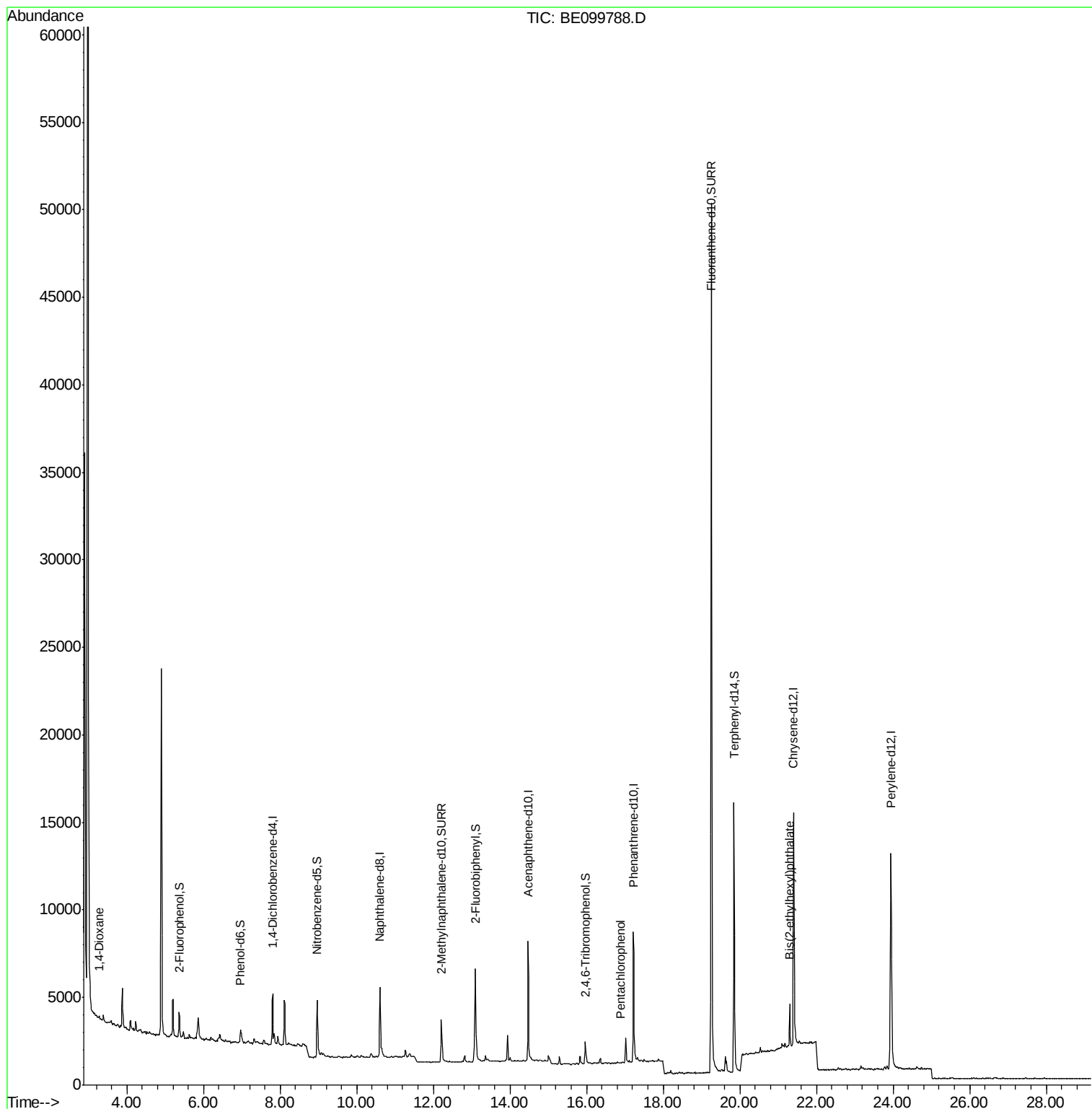
Quant Time: Jun 03 19:11:34 2019

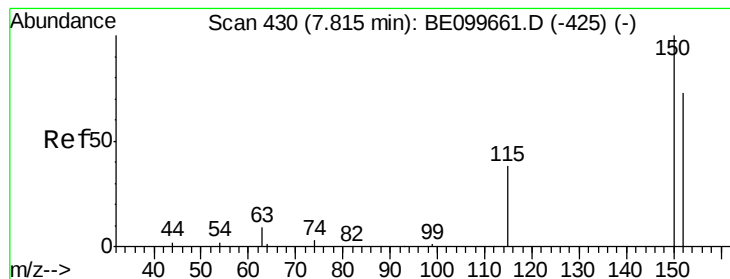
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon May 20 19:29:40 2019

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

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ClientSampleId :

W-3

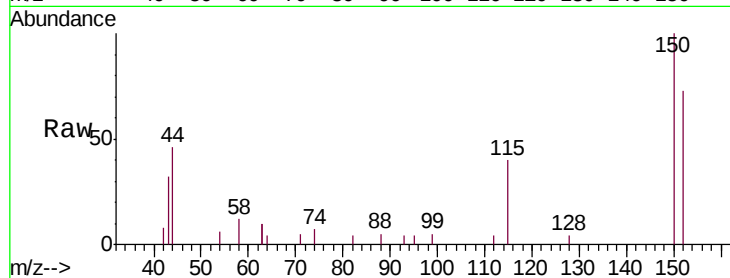
Tgt Ion: 152 Resp: 1713

Ion Ratio Lower Upper

152 100

150 137.2 109.2 163.8

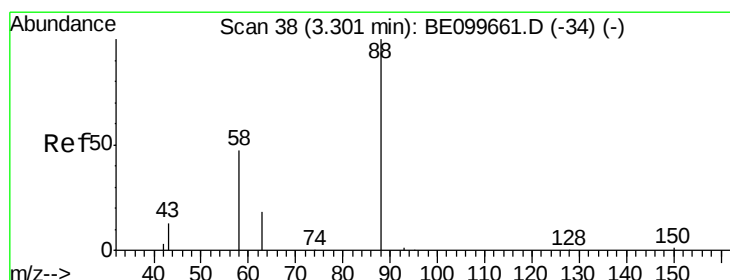
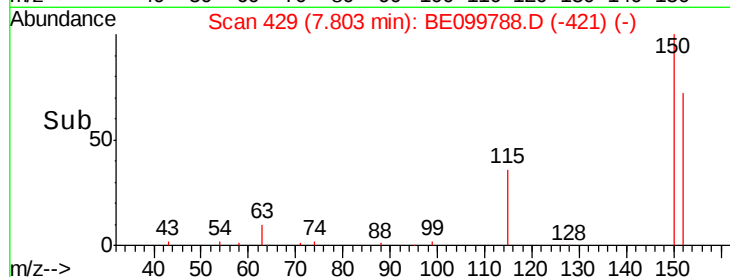
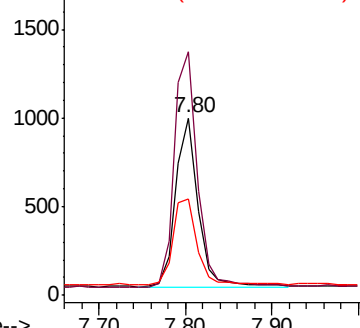
115 54.4 43.7 65.5



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: 0.044 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

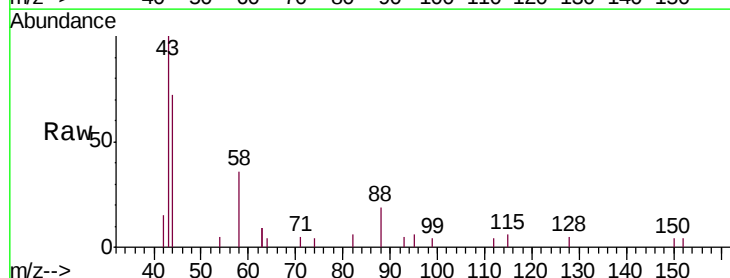
Tgt Ion: 88 Resp: 112

Ion Ratio Lower Upper

88 100

58 73.2 41.8 62.8#

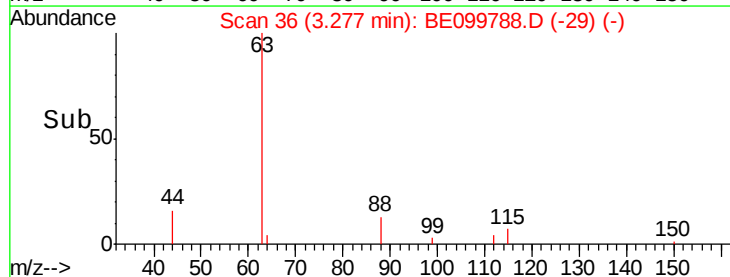
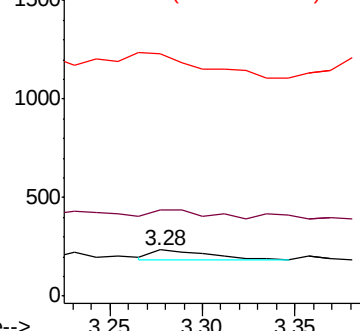
43 282.1 15.0 22.4#

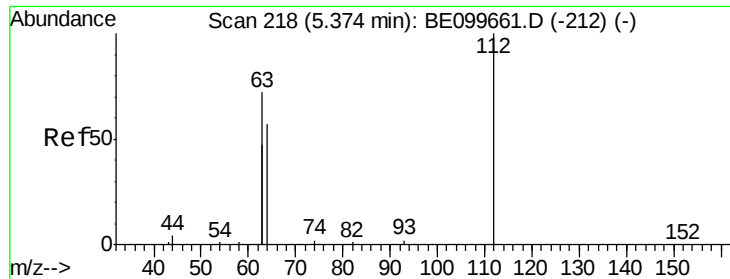


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.217 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

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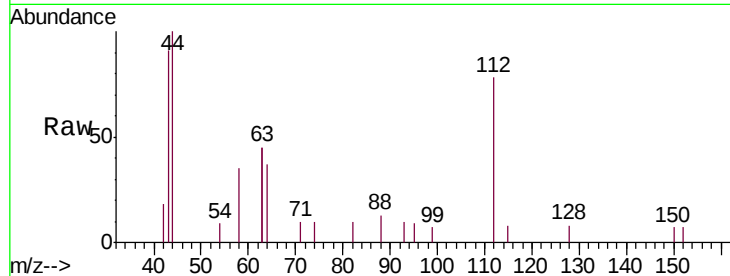
Tgt Ion: 112 Resp: 938

Ion Ratio Lower Upper

112 100

64 54.3 43.4 65.2

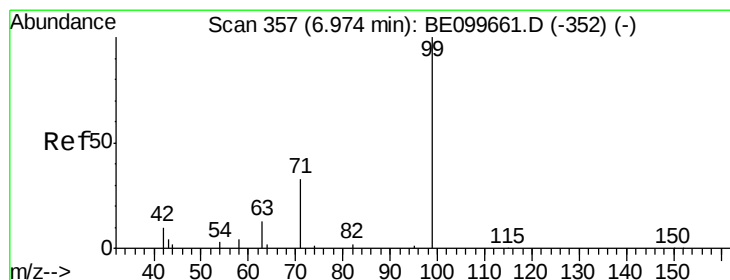
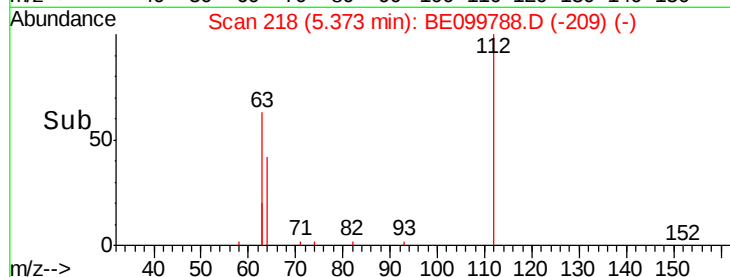
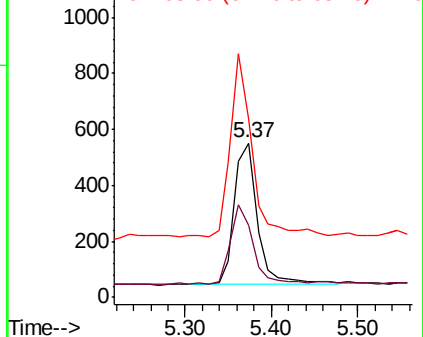
63 118.1 96.9 145.3



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: 0.174 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

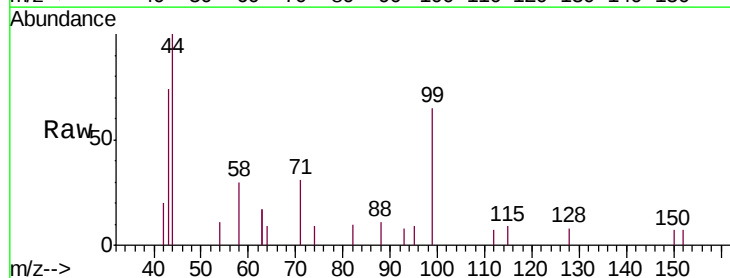
Tgt Ion: 99 Resp: 995

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

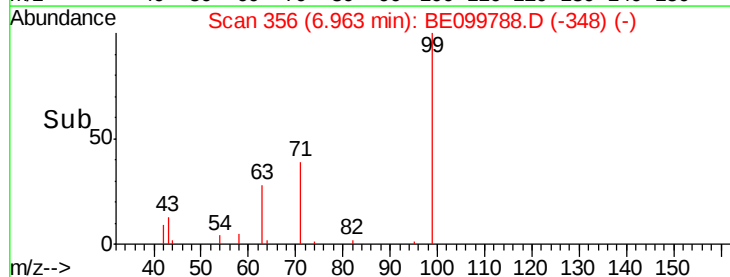
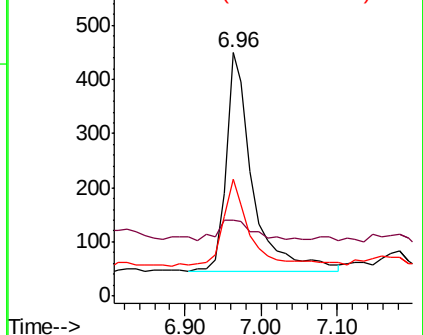
71 40.4 28.9 43.3

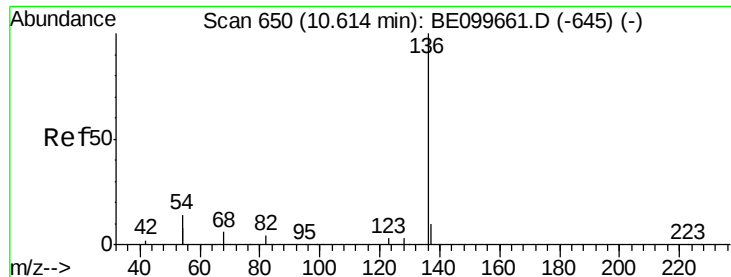


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:136 Resp: 6070

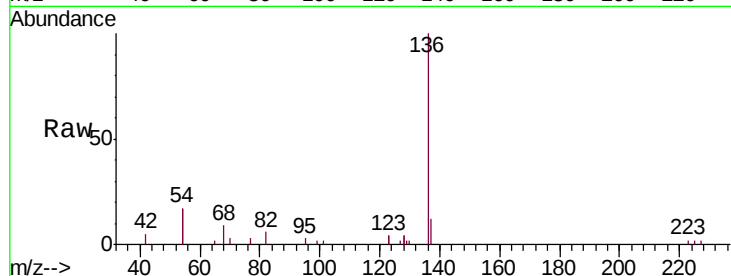
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 33.3 22.3 33.5

68 9.3 6.0 9.0#

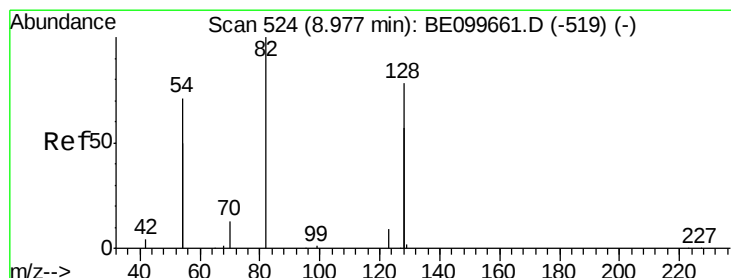
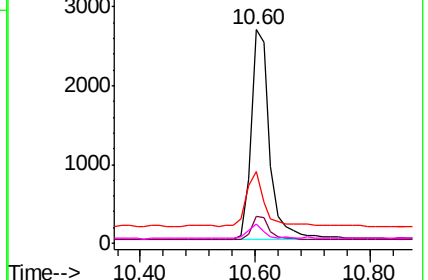
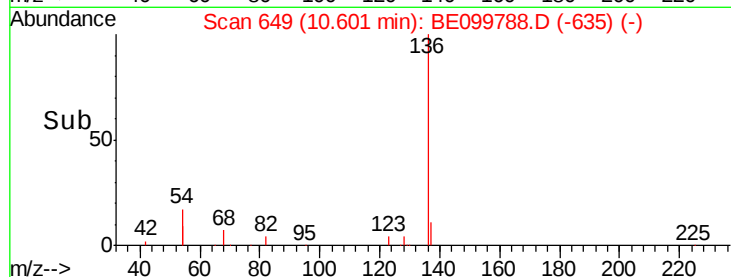


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

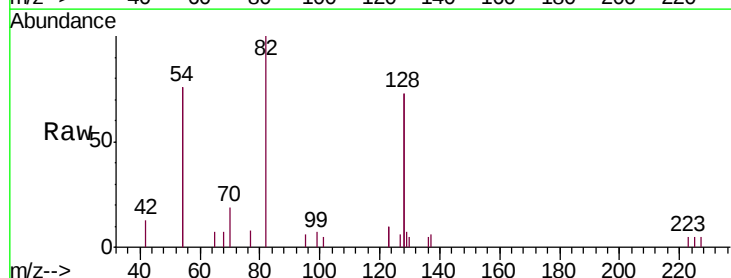
Tgt Ion: 82 Resp: 1840

Ion Ratio Lower Upper

82 100

128 146.7 117.7 176.5

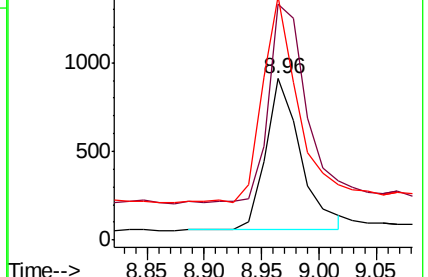
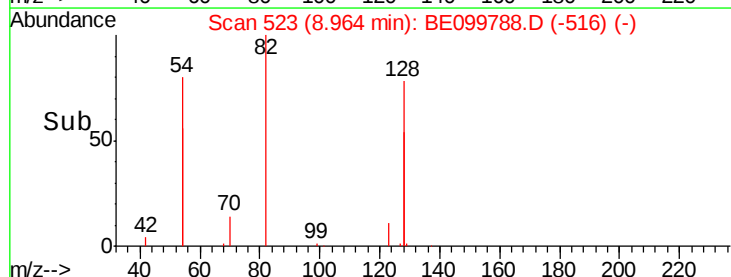
54 151.1 106.6 160.0

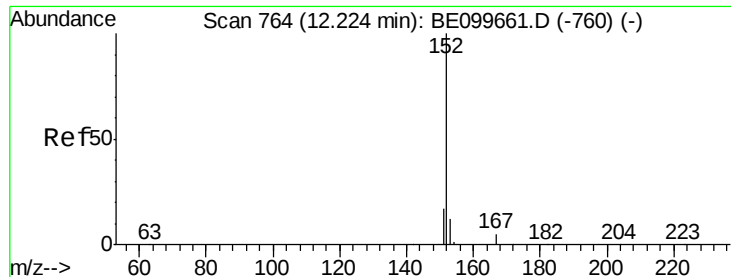


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

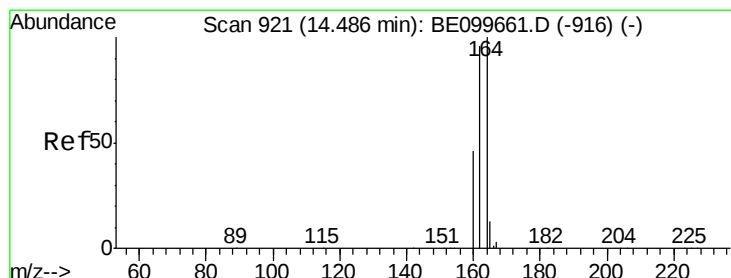
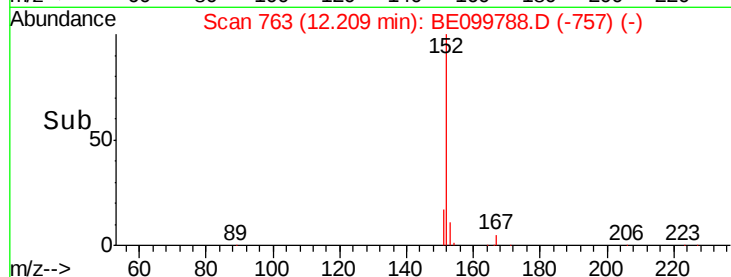
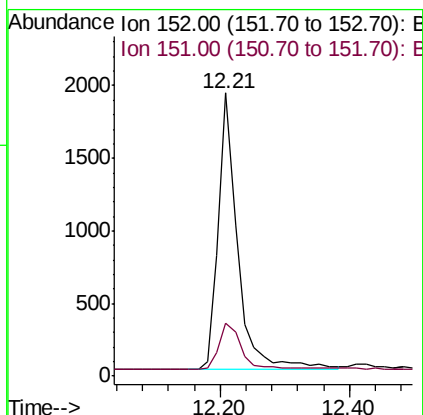
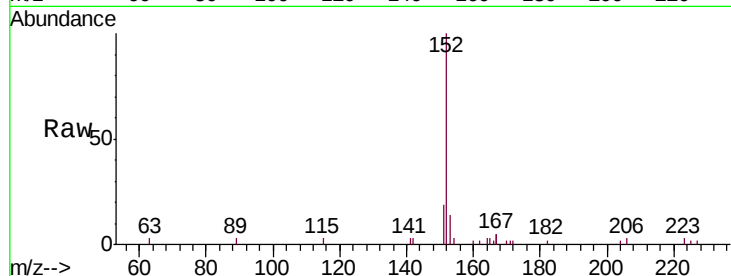




#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099788.D
 Acq: 3 Jun 2019 16:15

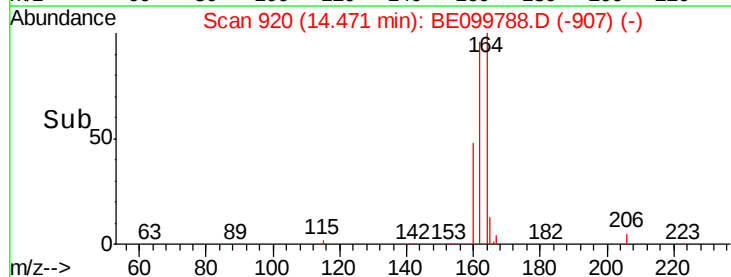
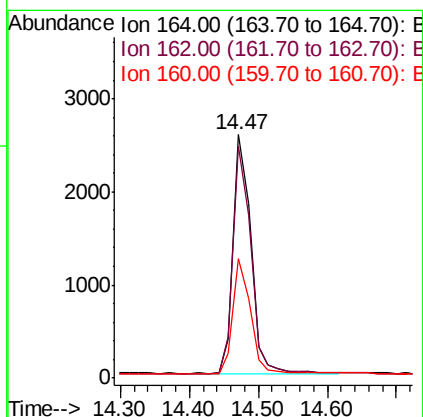
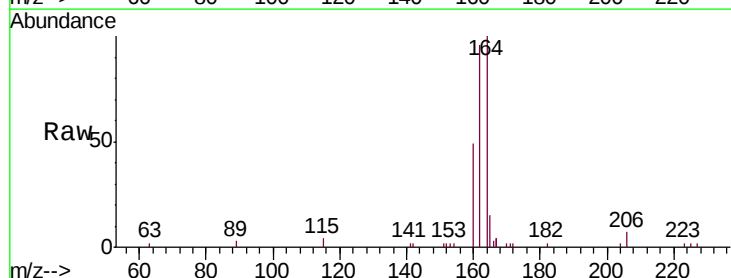
Instrument :
 BNA_E
 ClientSampleId :
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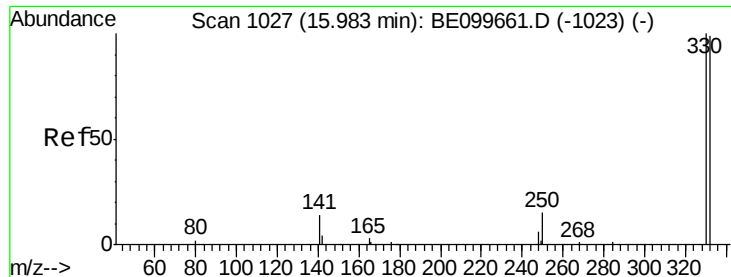
Tgt Ion:152 Resp: 3931
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099788.D
 Acq: 3 Jun 2019 16:15

Tgt Ion:164 Resp: 4564
 Ion Ratio Lower Upper
 164 100
 162 95.6 76.5 114.7
 160 48.9 37.4 56.2

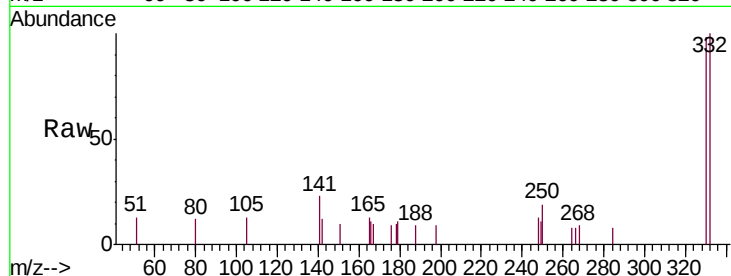




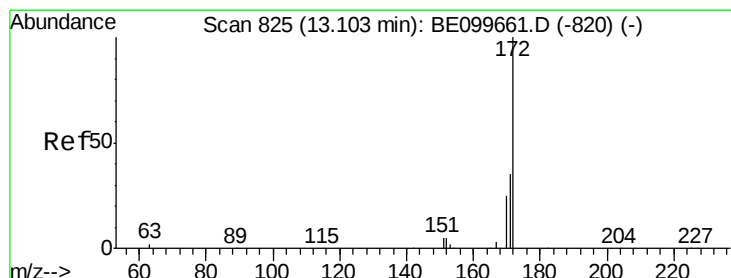
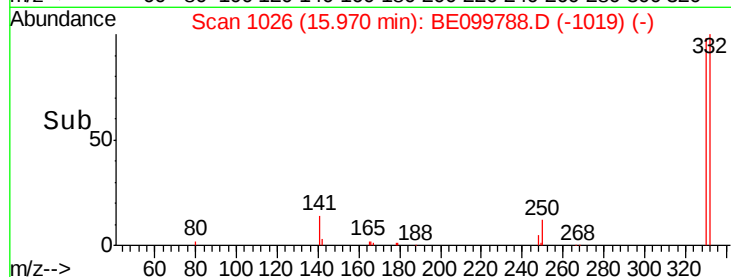
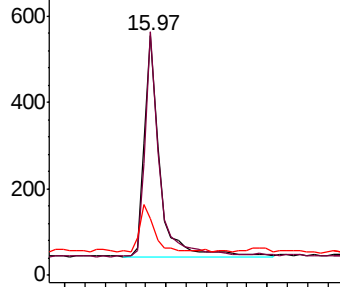
#14
 2,4,6-Tribromophenol
 Concen: 0.440 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099788.D
 Acq: 3 Jun 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:330 Resp: 1081
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 20.4 18.9 28.3

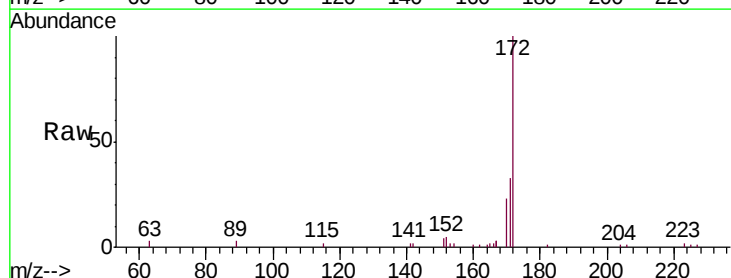


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

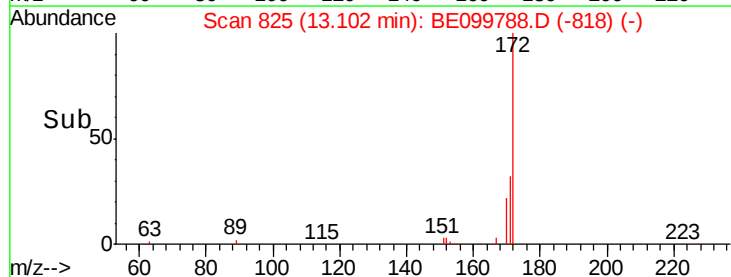
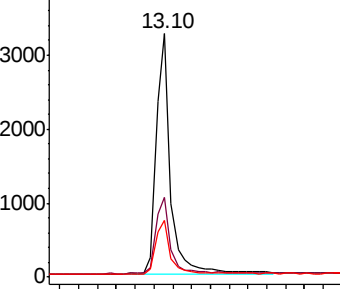


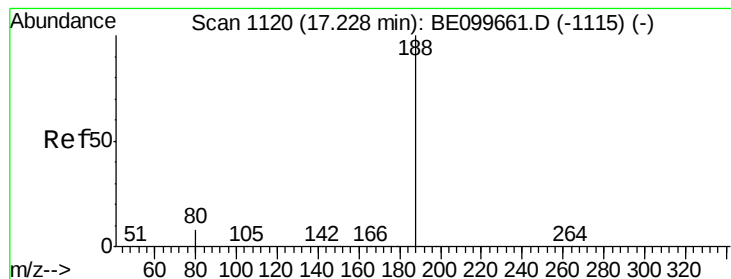
#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099788.D
 Acq: 3 Jun 2019 16:15

Tgt Ion:172 Resp: 6754
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.7 43.1
 170 23.1 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

Instrument :

BNA_E

ClientSampleId :

W-3

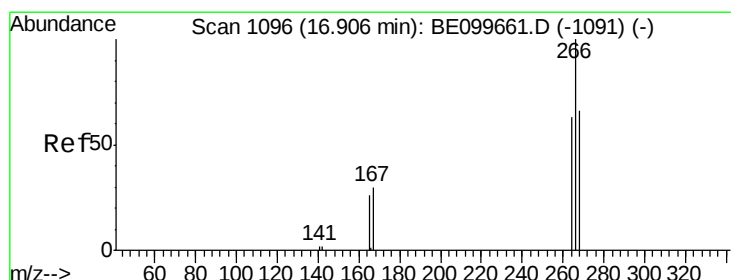
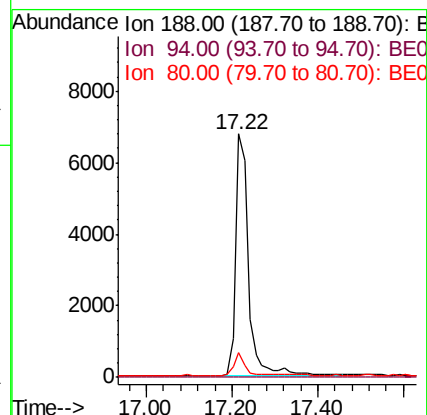
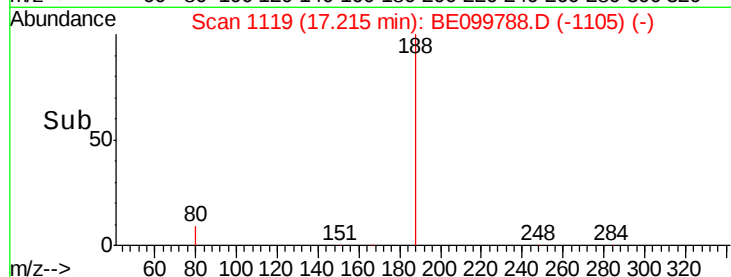
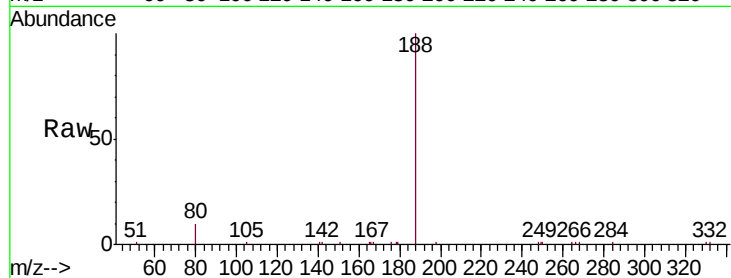
Tgt Ion:188 Resp: 14076

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 6.7 10.1#



#22

Pentachlorophenol

Concen: 0.193 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

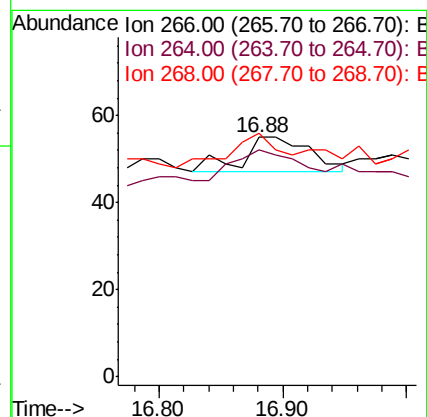
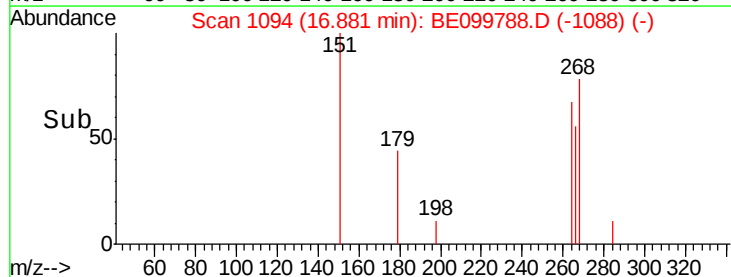
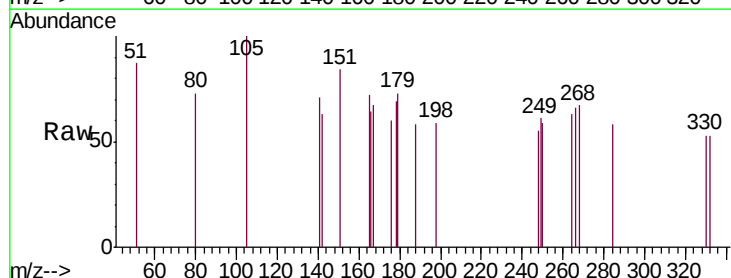
Tgt Ion:266 Resp: 31

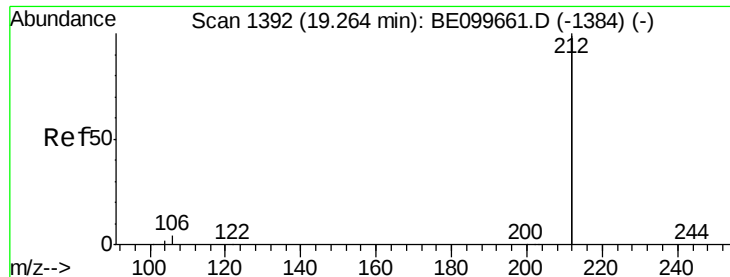
Ion Ratio Lower Upper

266 100

264 94.5 57.2 85.8#

268 101.8 60.5 90.7#





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099788.D

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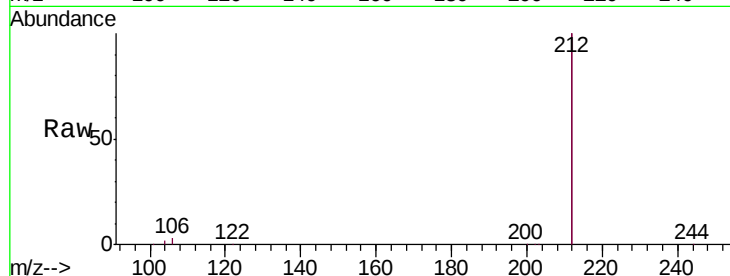
Tgt Ion:212 Resp: 74340

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

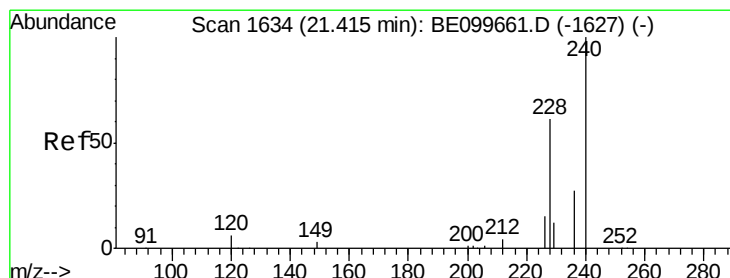
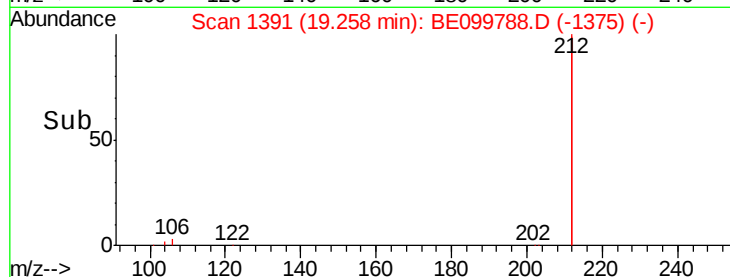
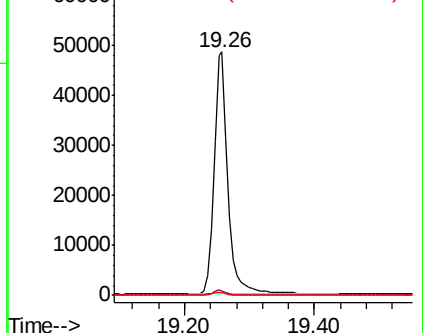
104 1.0 0.8 1.2



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# 1633

Delta R.T. -0.01 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

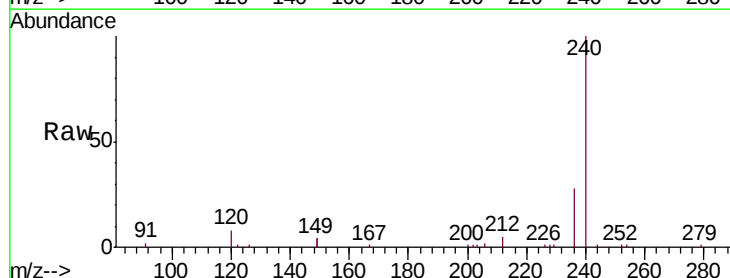
Tgt Ion:240 Resp: 18358

Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.0

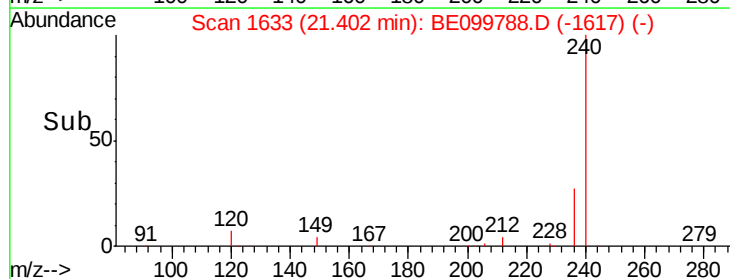
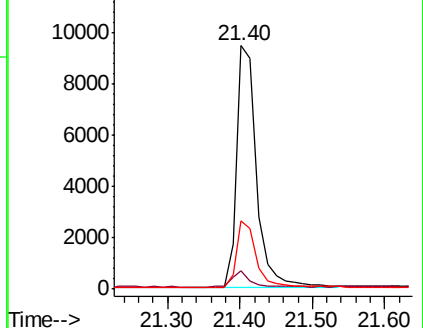
236 27.8 21.7 32.5

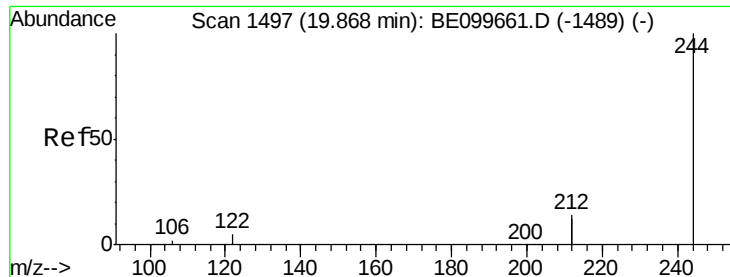


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.507 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

Instrument :

BNA_E

ClientSampleId :

W-3

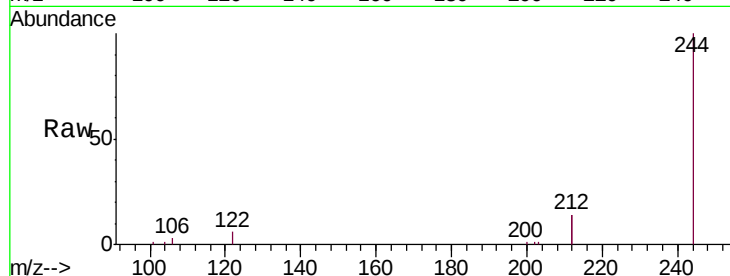
Tgt Ion:244 Resp: 16615

Ion Ratio Lower Upper

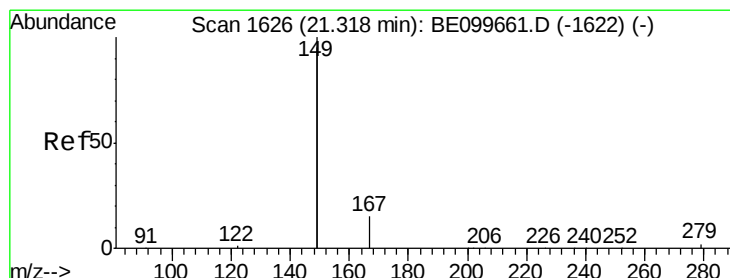
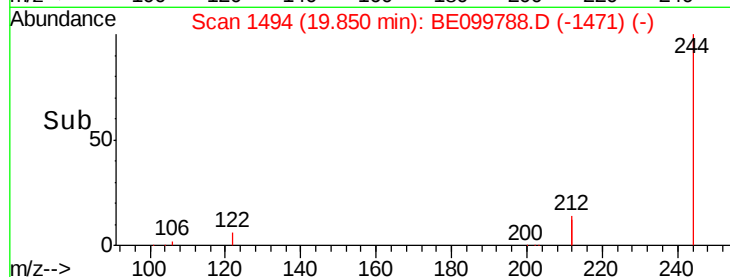
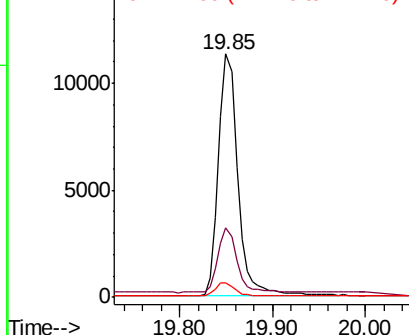
244 100

212 28.7 22.5 33.7

122 6.2 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: 0.048 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

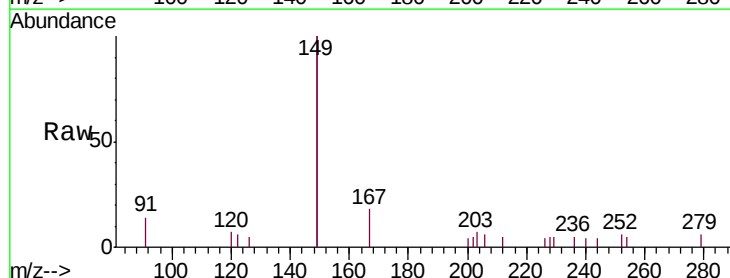
Tgt Ion:149 Resp: 2867

Ion Ratio Lower Upper

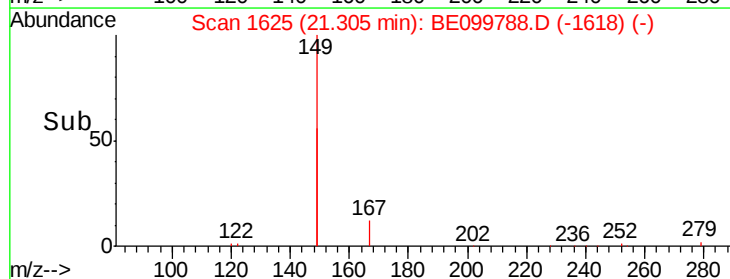
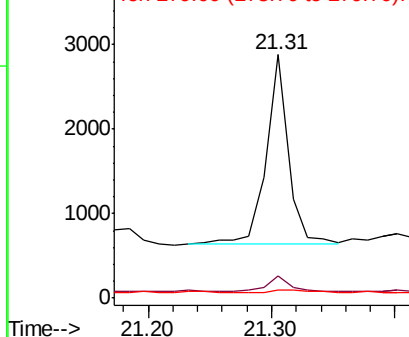
149 100

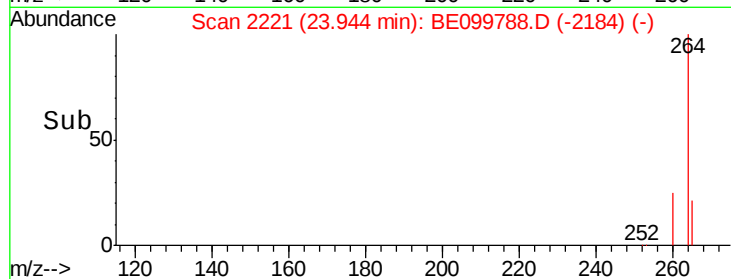
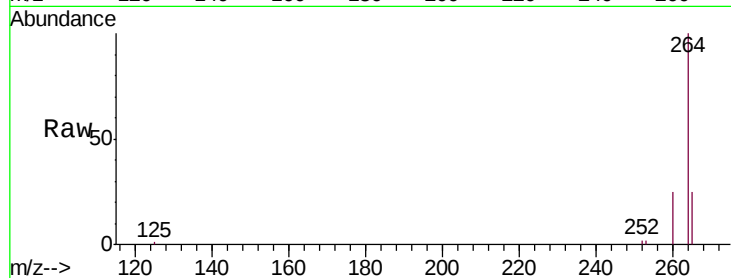
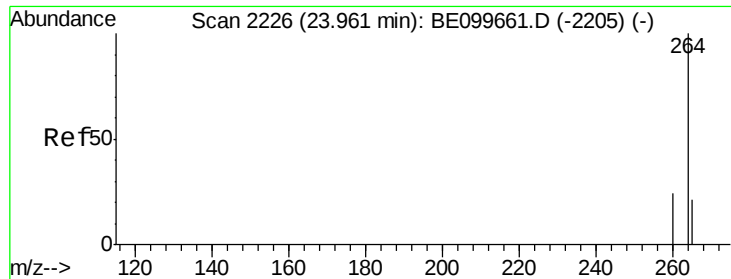
167 8.0 6.2 9.4

279 2.1 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# 2221

Delta R.T. -0.02 min

Lab File: BE099788.D

Acq: 3 Jun 2019 16:15

Instrument :

BNA_E

ClientSampleId :

W-3

Tgt Ion:264 Resp: 21085

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 25.4 19.1 28.7

