

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099938.D
 Acq On : 11 Jun 2019 23:34
 Operator : JU/SJ
 Sample : K3255-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190604

Quant Time: Jun 12 05:15:46 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

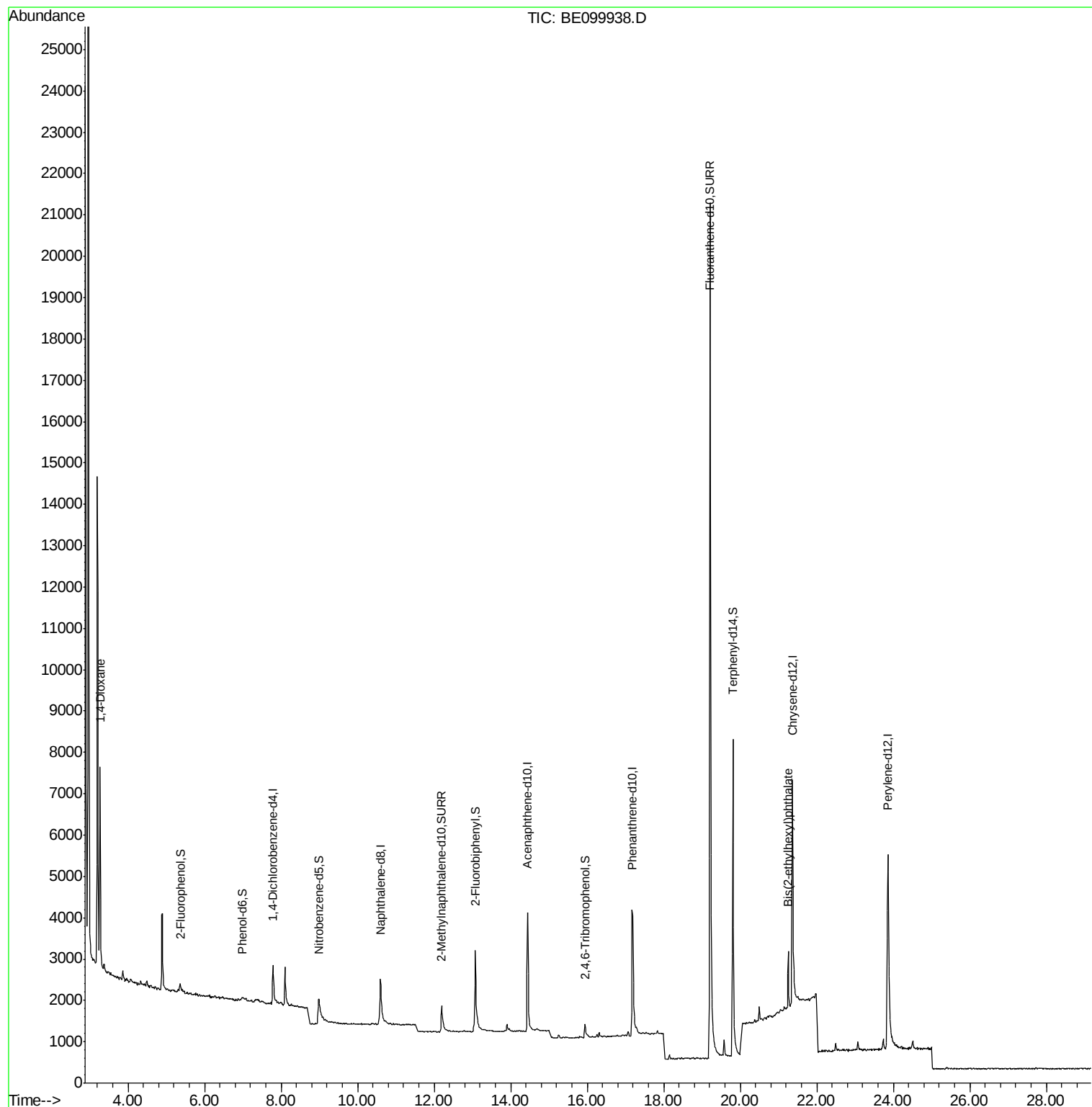
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	740	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2603	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2227	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7695	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	9342	0.40	ng	-0.04
34) Perylene-d12	23.86	264	10796	0.40	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	273	0.14	ng	0.01
5) Phenol-d6	6.99	99	166	0.06	ng	0.02
8) Nitrobenzene-d5	8.98	82	822	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	1649	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	430	0.26	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3333	0.39	ng	-0.03
25) Fluoranthene-d10	19.21	212	39455	0.35	ng	-0.04
29) Terphenyl-d14	19.80	244	9950	0.59	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.27	88	3956	3.612	ng	93
32) Bis(2-ethylhexyl)phthalate	21.26	149	1886	0.047	ng	# 97

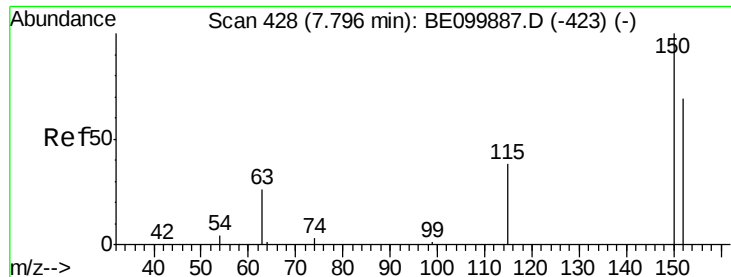
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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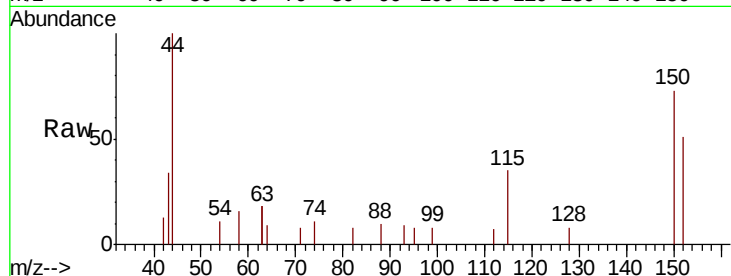


#1

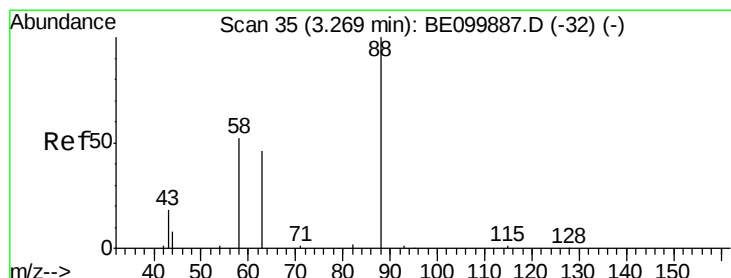
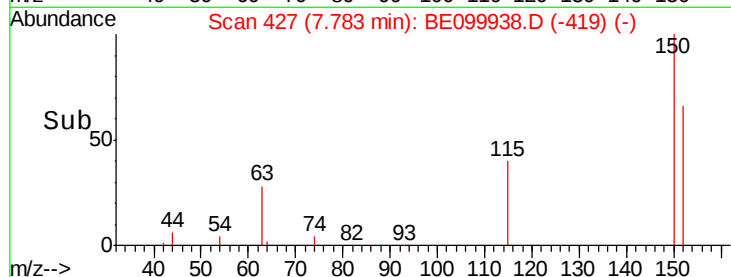
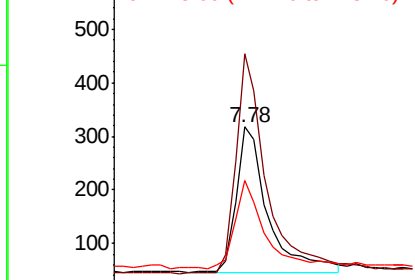
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190604

Tot Ion:152 Resp: 740
 Ion Ratio Lower Upper
 152 100
 150 142.8 111.0 166.6
 115 68.2 50.7 76.1



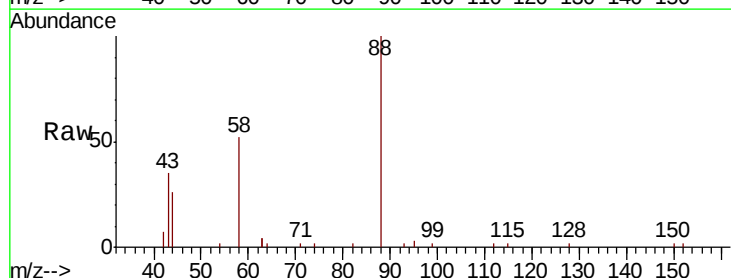
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



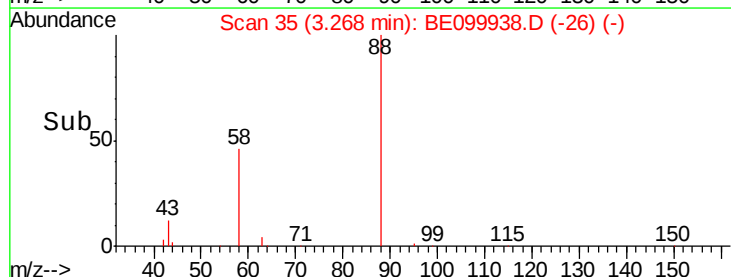
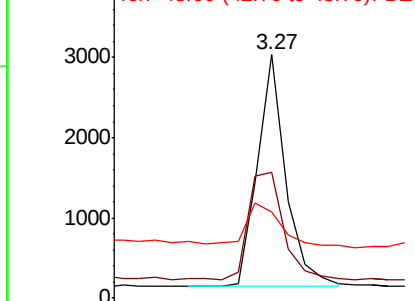
#2

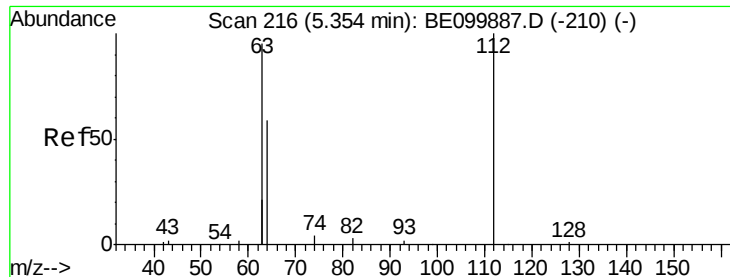
1,4-Dioxane
 Concen: 3.612 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Tgt Ion: 88 Resp: 3956
 Ion Ratio Lower Upper
 88 100
 58 55.8 48.8 73.2
 43 21.0 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





#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

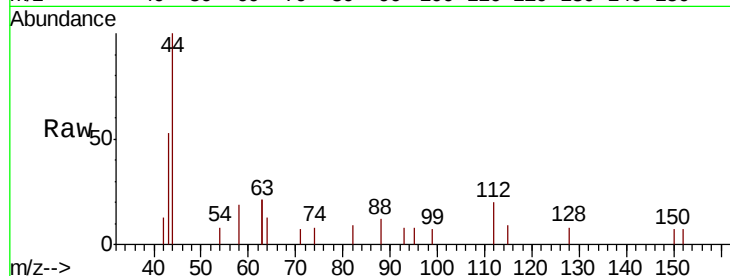
Tot Ion: 112 Resp: 273

Ion Ratio Lower Upper

112 100

64 44.3 44.1 66.1

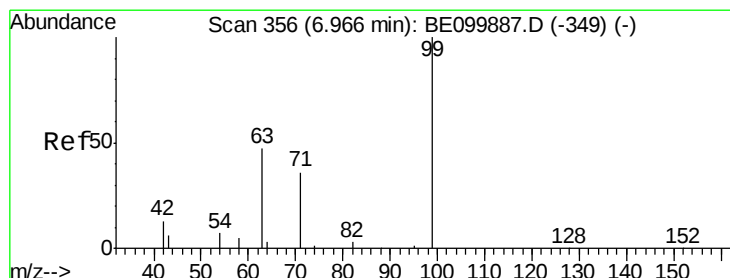
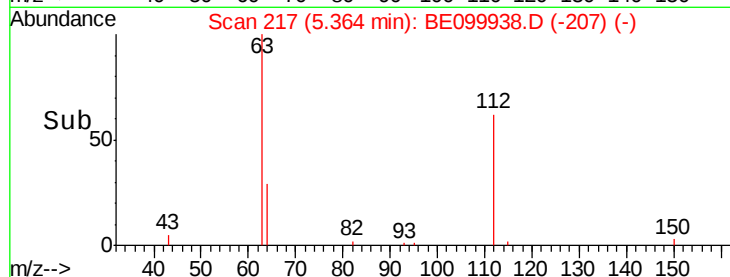
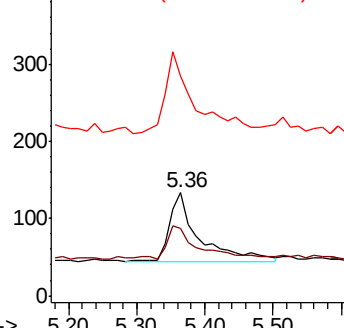
63 120.5 87.8 131.6



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: 0.065 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

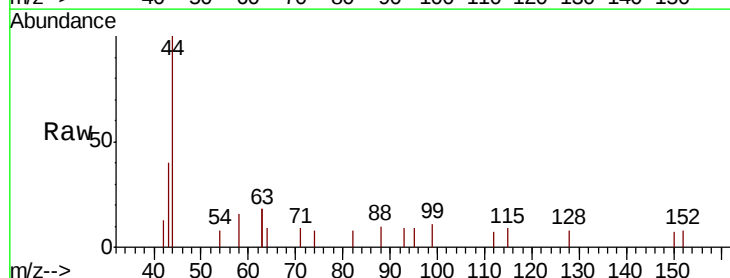
Tgt Ion: 99 Resp: 166

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

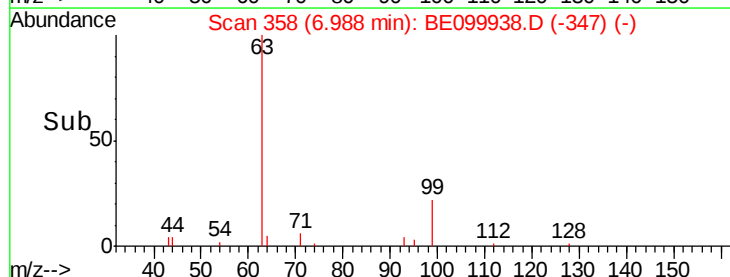
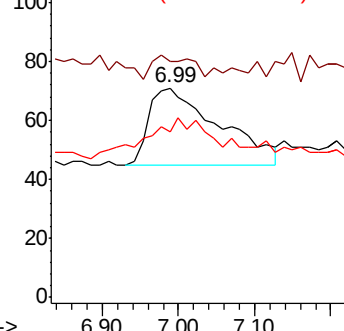
71 51.8 34.6 52.0

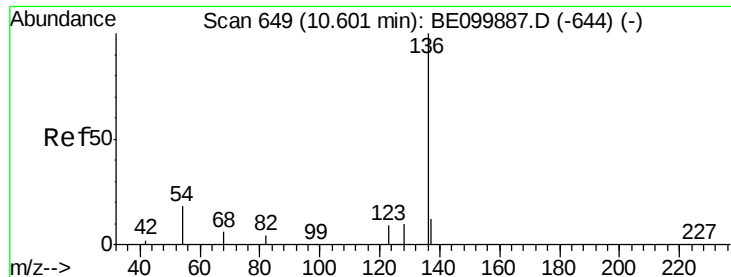


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

Tot Ion:136 Resp: 2603

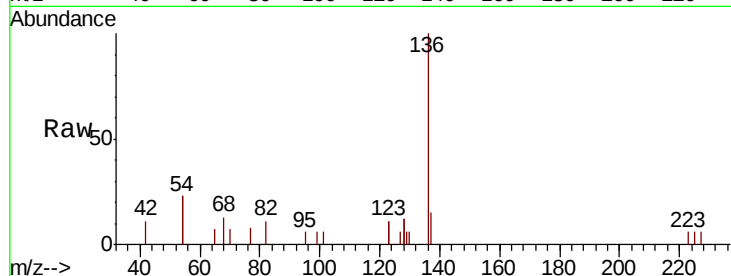
Ion Ratio Lower Upper

136 100

137 15.4 12.3 18.5

54 46.4 28.2 42.4#

68 12.9 7.8 11.8#

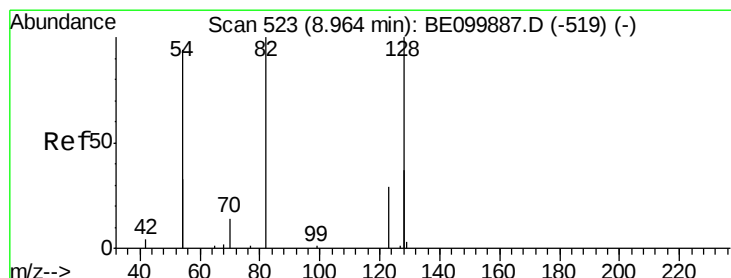
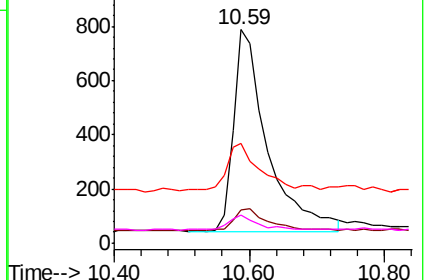
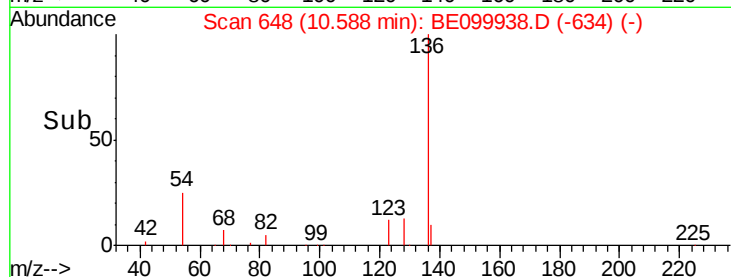


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

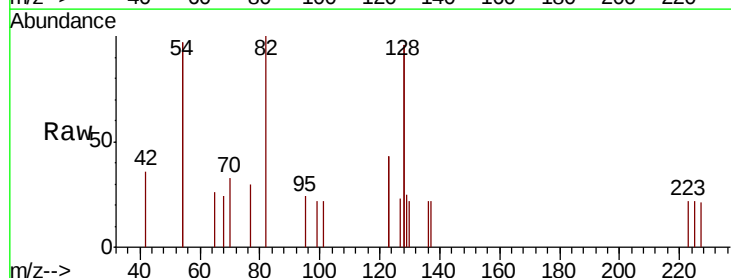
Tgt Ion: 82 Resp: 822

Ion Ratio Lower Upper

82 100

128 192.4 137.3 205.9

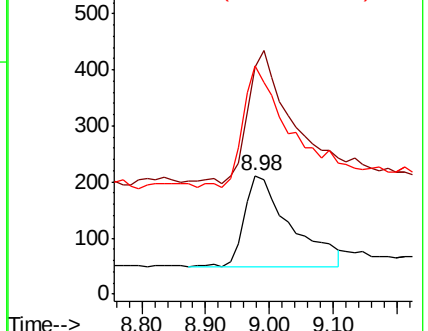
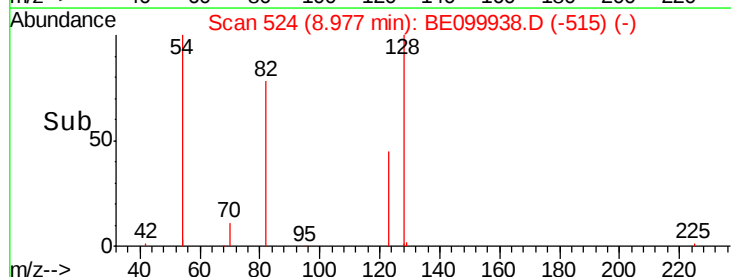
54 193.4 129.7 194.5

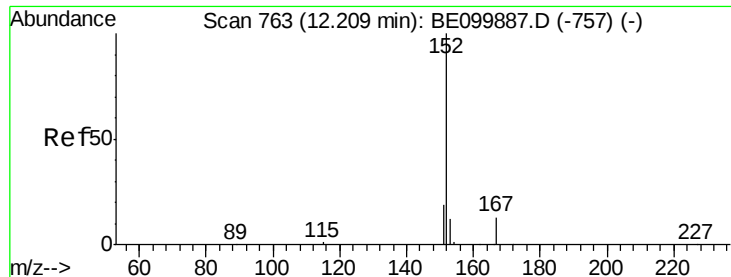


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

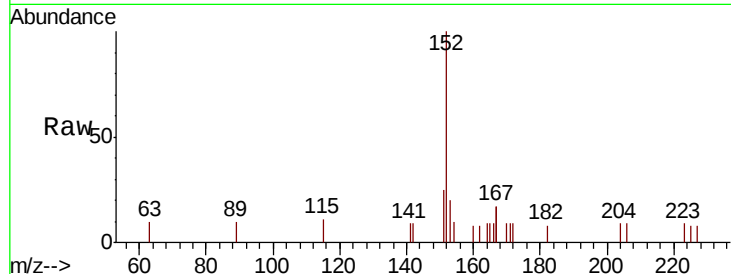




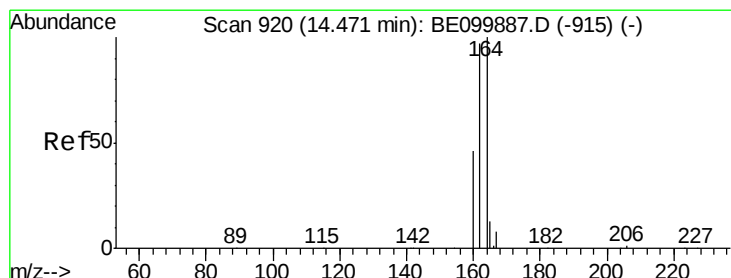
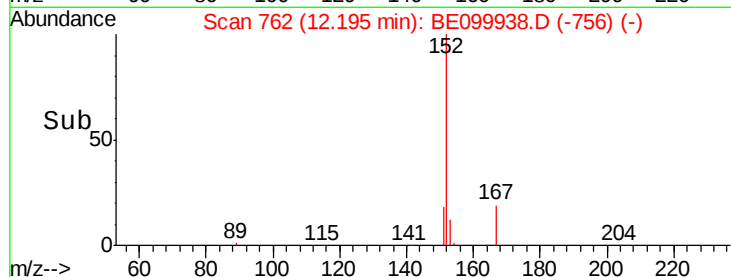
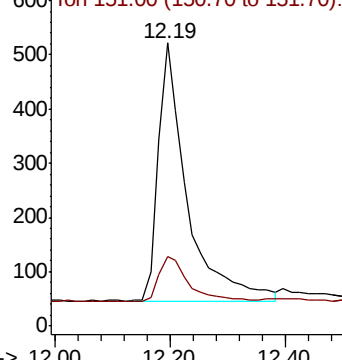
#11
 2-Methylnaphthalene-d10
 Concen: 0.363 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190604

Tot Ion:152 Resp: 1649
 Ion Ratio Lower Upper
 152 100
 151 17.8 15.2 22.8

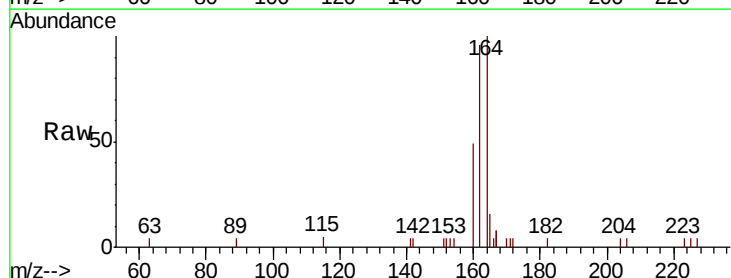


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

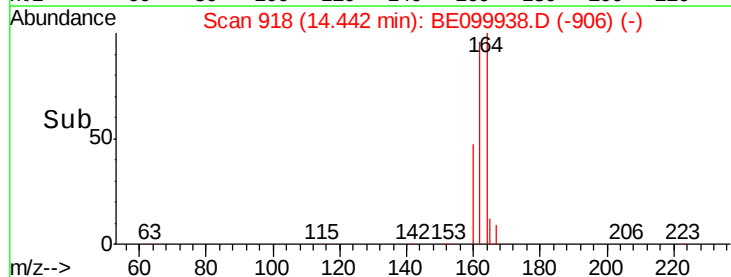
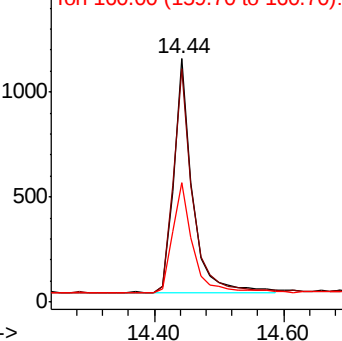


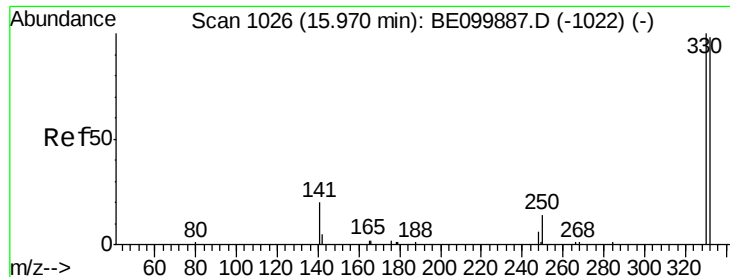
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Tgt Ion:164 Resp: 2227
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.8 116.8
 160 48.9 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: 0.261 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

ClientSampleId :

RE108D1-20190604

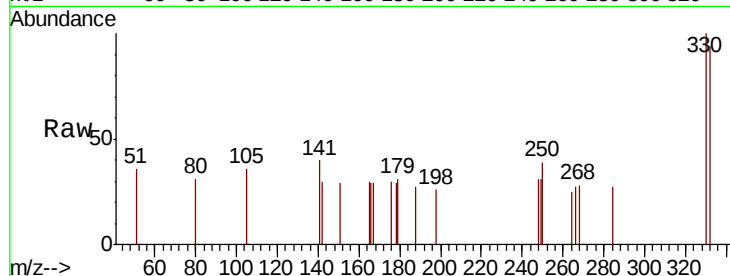
Tot Ion:330 Resp: 430

Ion Ratio Lower Upper

330 100

332 89.8 76.7 115.1

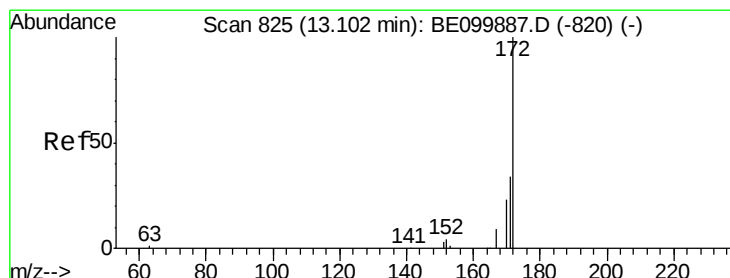
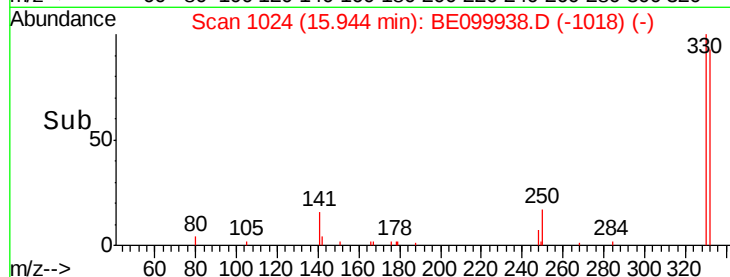
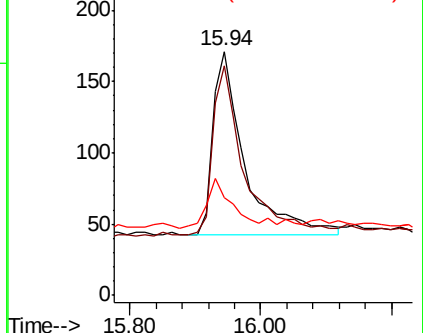
141 21.6 21.0 31.6



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: 0.395 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

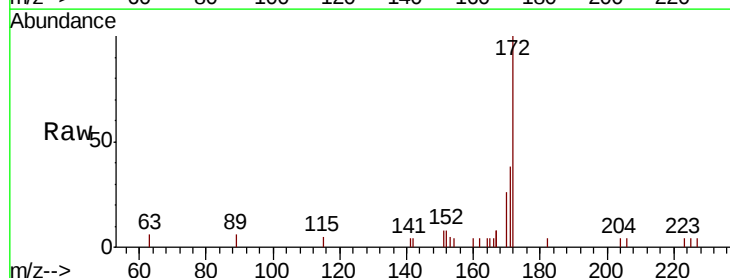
Tgt Ion:172 Resp: 3333

Ion Ratio Lower Upper

172 100

171 38.1 29.2 43.8

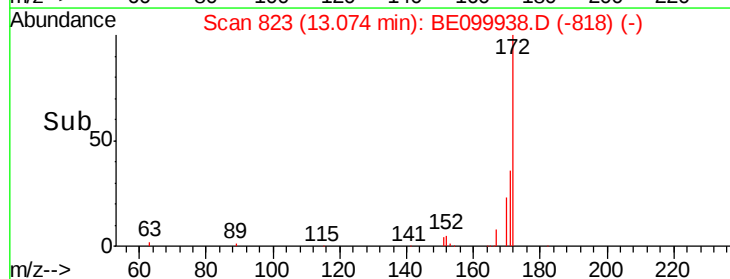
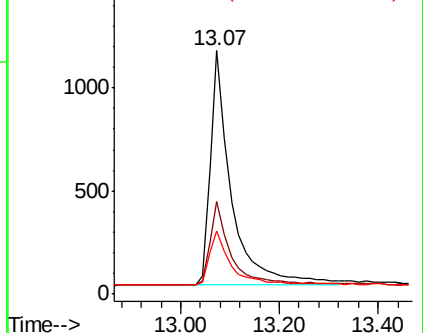
170 26.2 21.2 31.8

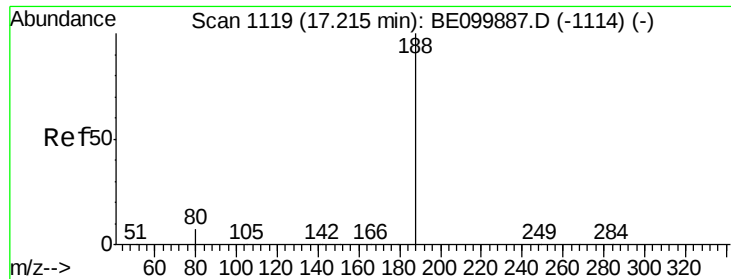


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

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ClientSampleId :

RE108D1-20190604

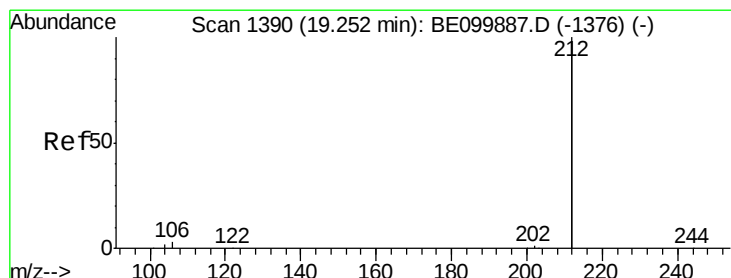
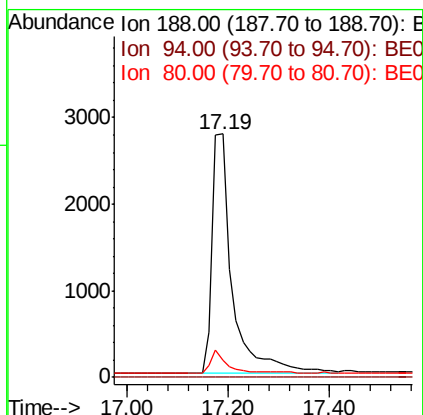
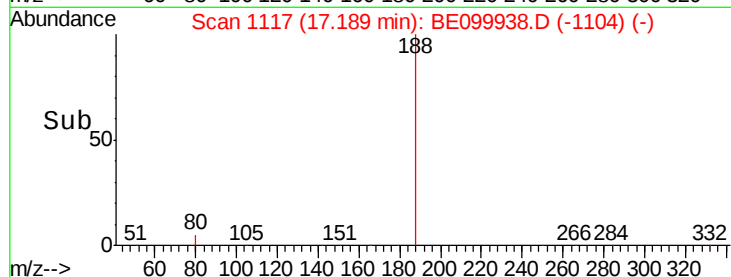
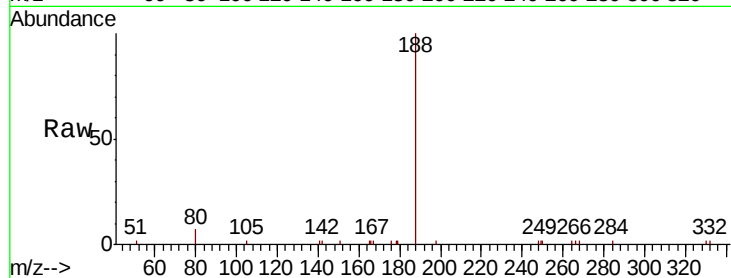
Tot Ion:188 Resp: 7695

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 6.4 9.6



#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

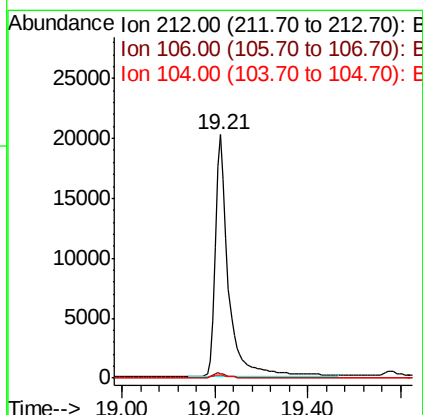
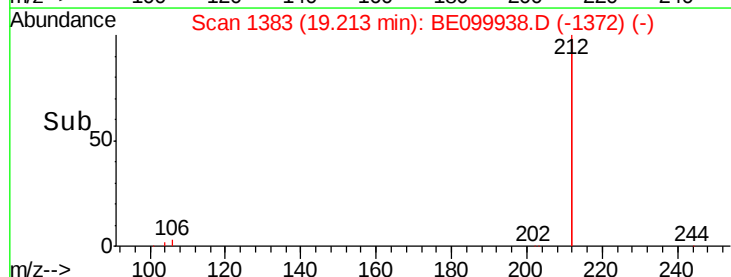
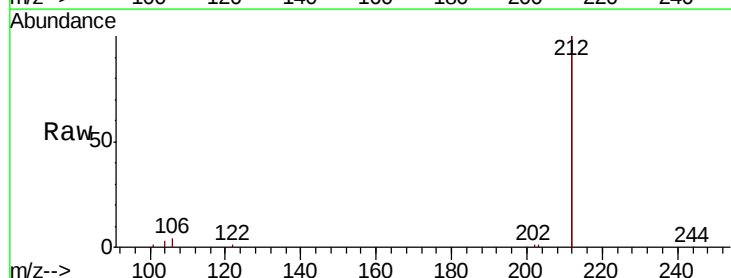
Tgt Ion:212 Resp: 39455

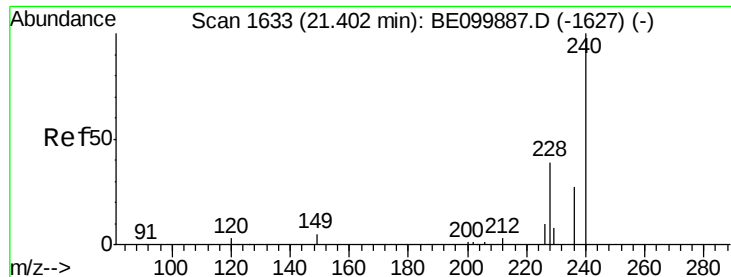
Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

Instrument :

BNA_E

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RE108D1-20190604

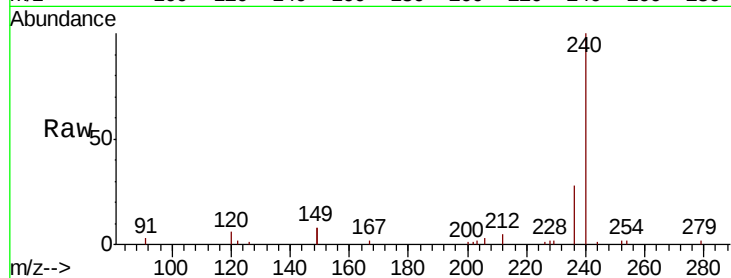
Tot Ion:240 Resp: 9342

Ion Ratio Lower Upper

240 100

120 5.7 3.8 5.6#

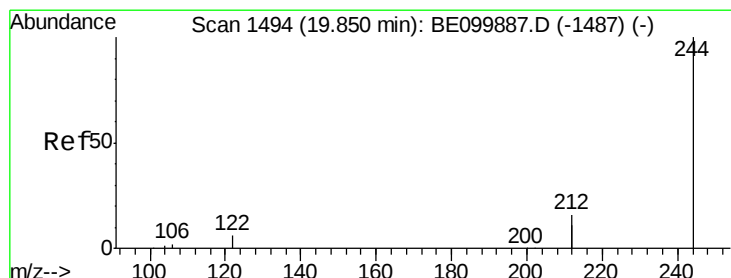
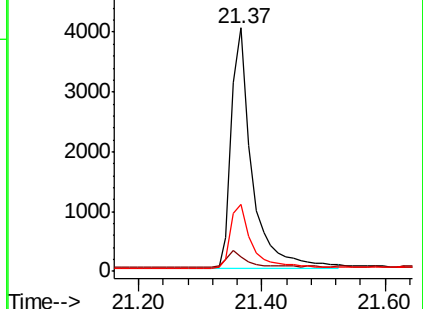
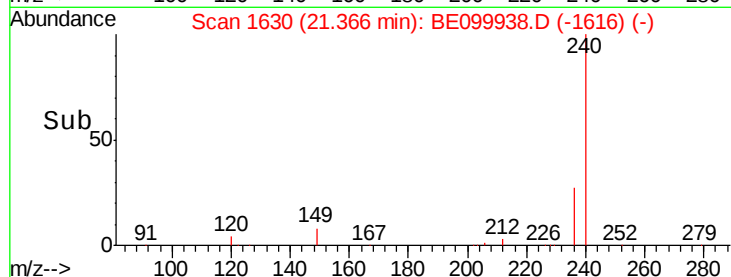
236 27.7 22.0 33.0



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: 0.592 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BE099938.D

Acq: 11 Jun 2019 23:34

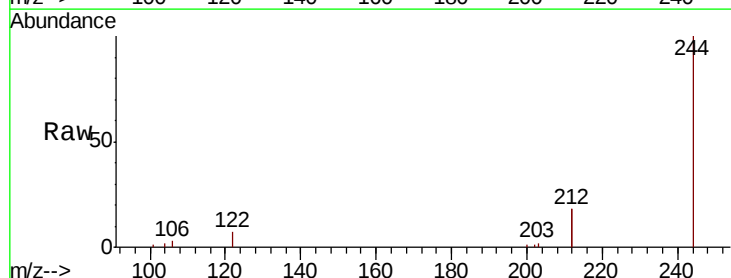
Tgt Ion:244 Resp: 9950

Ion Ratio Lower Upper

244 100

212 36.4 25.7 38.5

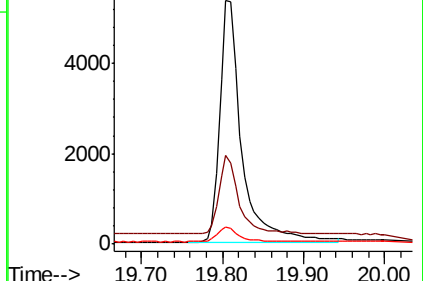
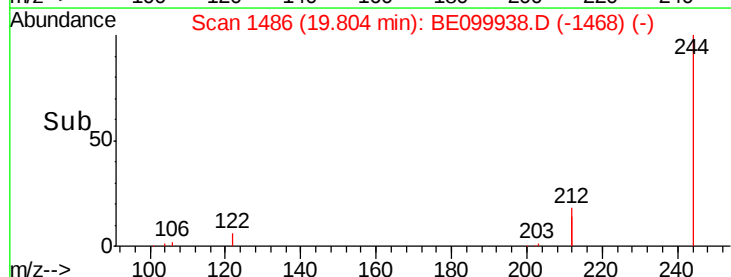
122 7.1 5.5 8.3

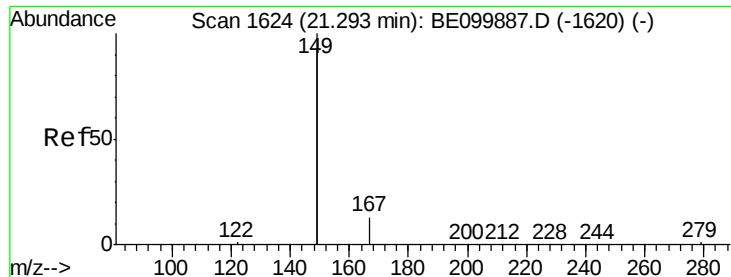


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

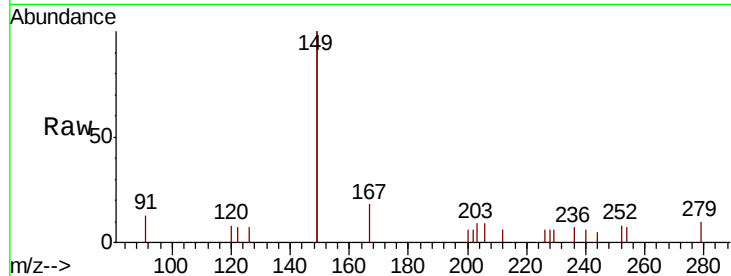




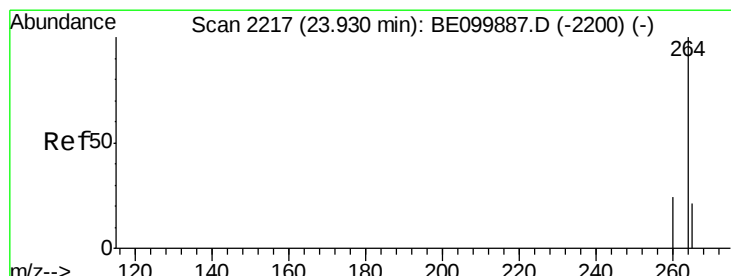
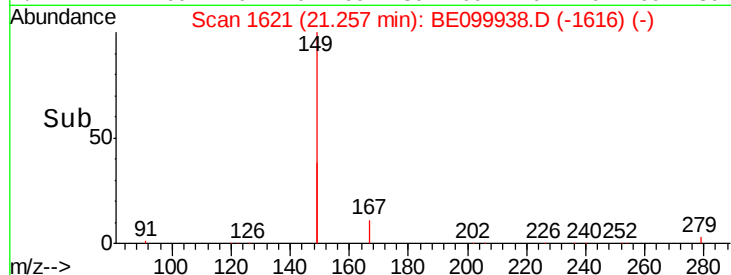
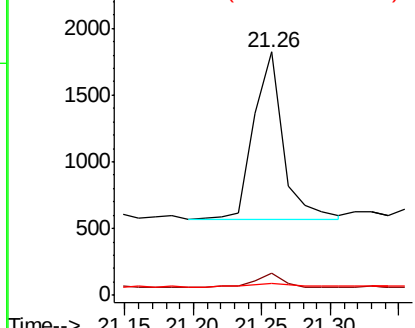
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20190604

Tot Ion:149 Resp: 1886
 Ion Ratio Lower Upper
 149 100
 167 8.2 5.9 8.9
 279 3.0 1.2 1.8#

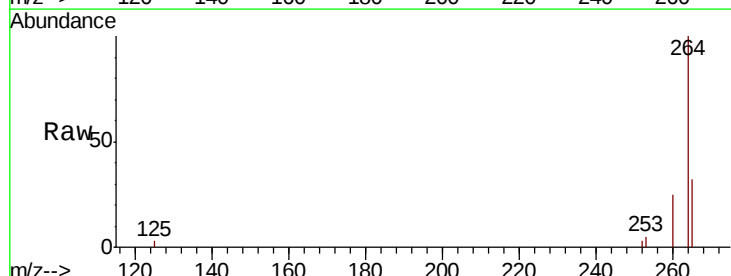


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2197
 Delta R.T. -0.07 min
 Lab File: BE099938.D
 Acq: 11 Jun 2019 23:34

Tgt Ion:264 Resp: 10796
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 31.9 22.0 33.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

