

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099937.D
 Acq On : 11 Jun 2019 22:58
 Operator : JU/SJ
 Sample : K3255-06
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-20190604

Quant Time: Jun 12 03:46:37 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

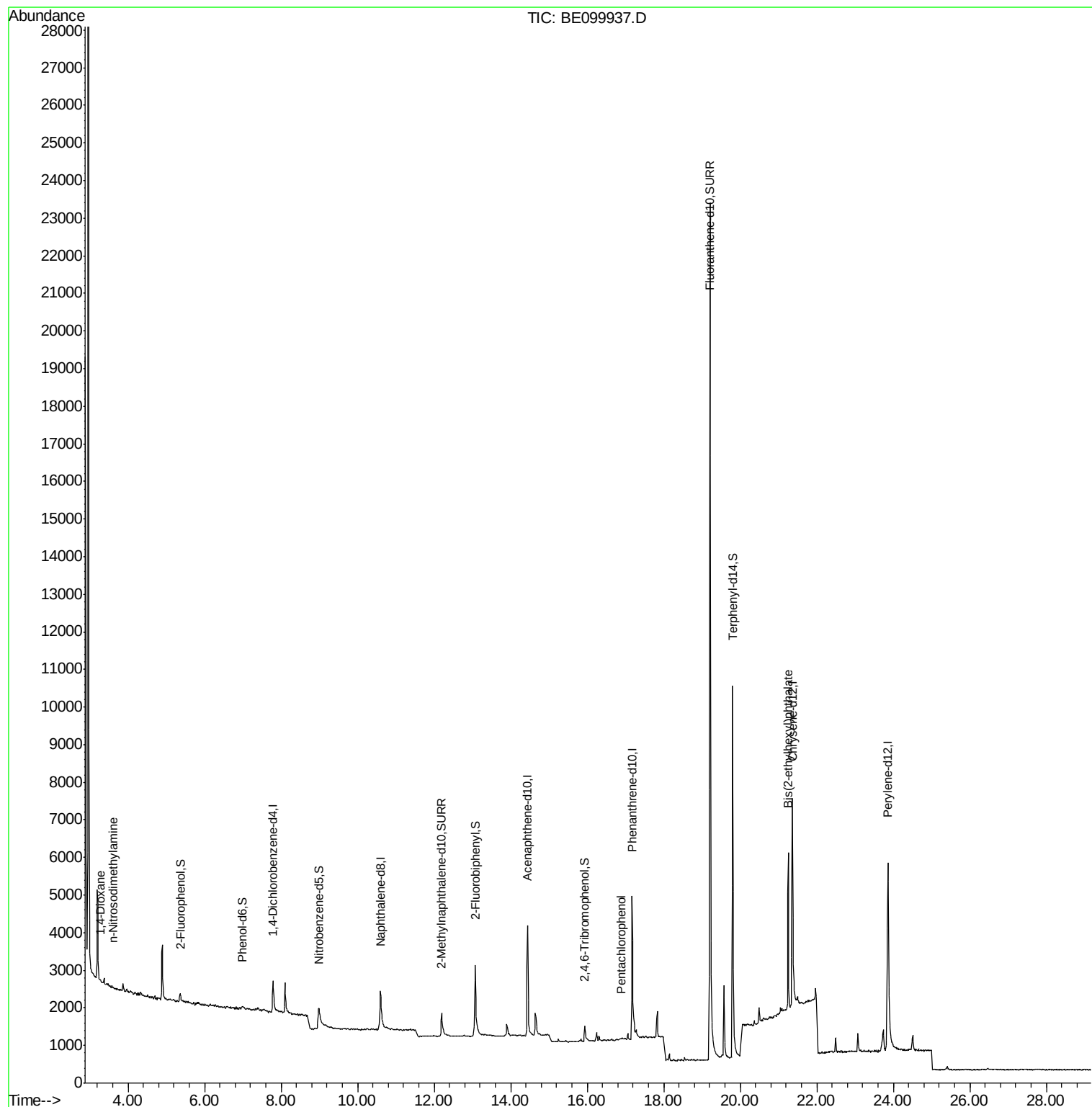
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	648	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2420	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2208	0.40	ng	-0.03
19) Phenanthrene-d10	17.18	188	7104	0.40	ng	-0.04
27) Chrysene-d12	21.37	240	9410	0.40	ng	-0.04
34) Perylene-d12	23.86	264	10617	0.40	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	237	0.14	ng	0.00
5) Phenol-d6	6.98	99	141	0.06	ng	0.00
8) Nitrobenzene-d5	8.98	82	745	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	1535	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	451	0.28	ng	-0.04
15) 2-Fluorobiphenyl	13.07	172	3249	0.39	ng	-0.03
25) Fluoranthene-d10	19.21	212	39559	0.38	ng	-0.05
29) Terphenyl-d14	19.80	244	11317	0.67	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.27	88	20	0.021	ng	# 7
3) n-Nitrosodimethylamine	3.61	42	12	0.022	ng	# 100
22) Pentachlorophenol	16.88	266	84	0.342	ng	91
32) Bis(2-ethylhexyl)phthalate	21.26	149	5540	0.137	ng	100

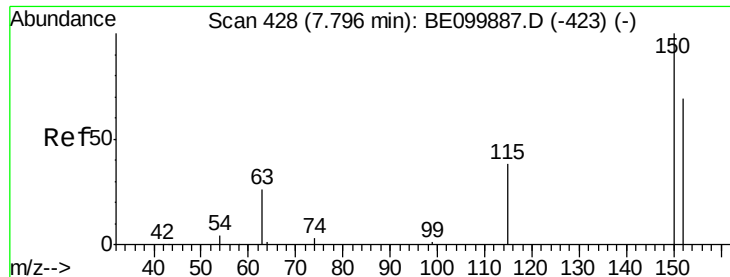
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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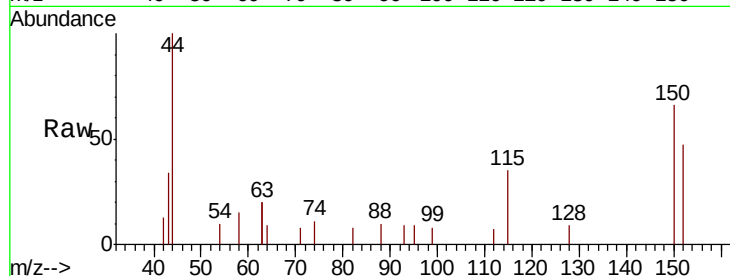


#1

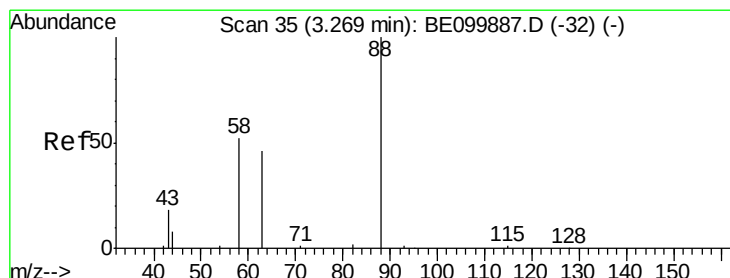
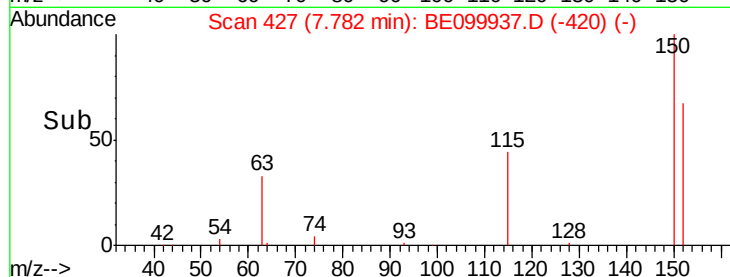
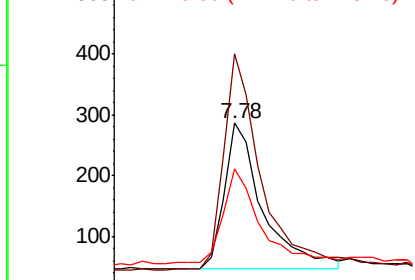
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099937.D
Acq: 11 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190604

Tgt Ion: 152 Resp: 648
Ion Ratio Lower Upper
152 100
150 139.7 111.0 166.6
115 73.9 50.7 76.1



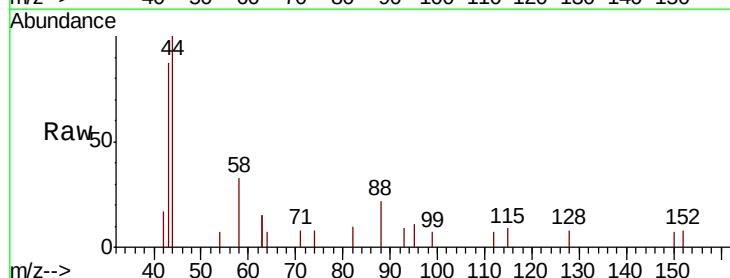
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



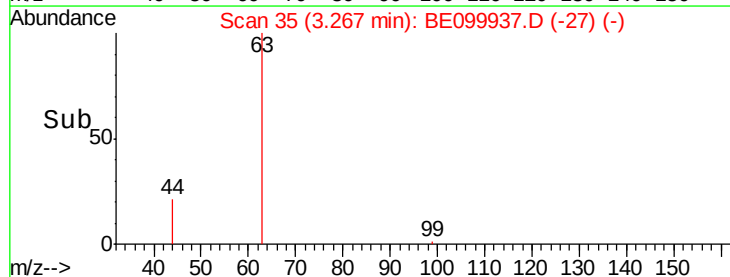
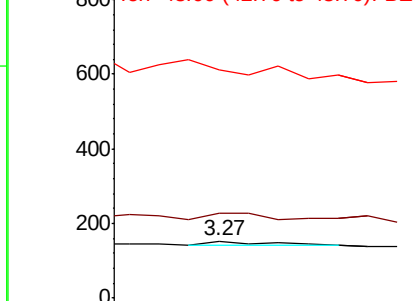
#2

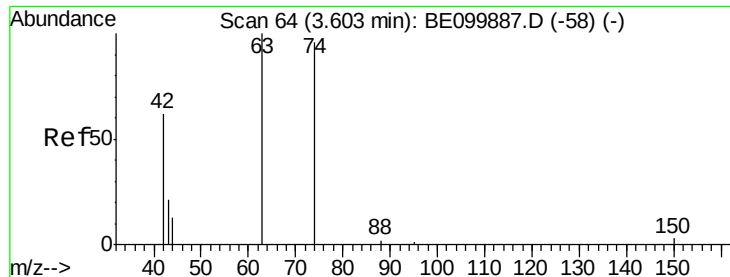
1,4-Dioxane
Concen: 0.021 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099937.D
Acq: 11 Jun 2019 22:58

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
58 145.0 48.8 73.2#
43 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190604

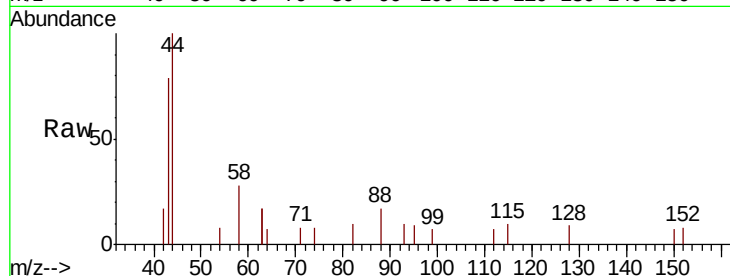
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

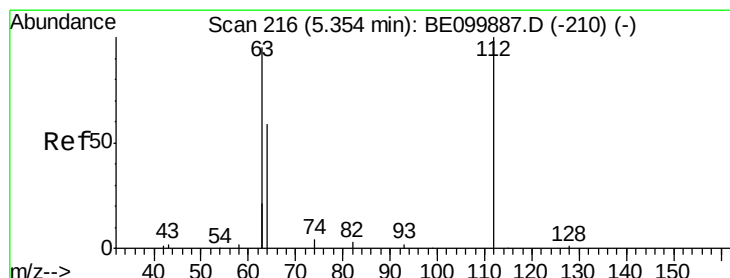
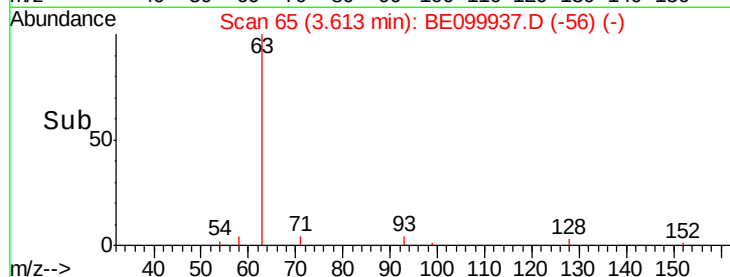
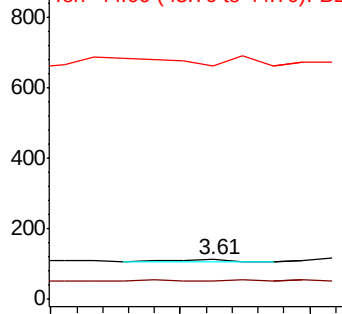
42 100

74 8.3 0.0 0.0#

44 166.7 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

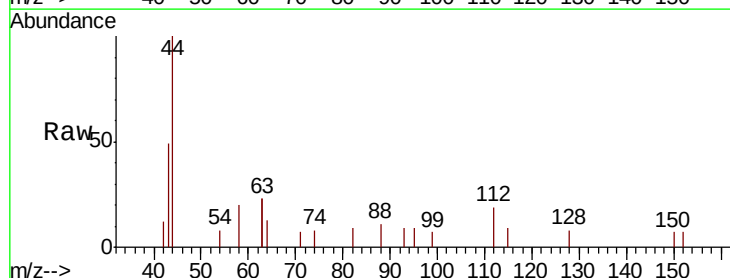
Tgt Ion: 112 Resp: 237

Ion Ratio Lower Upper

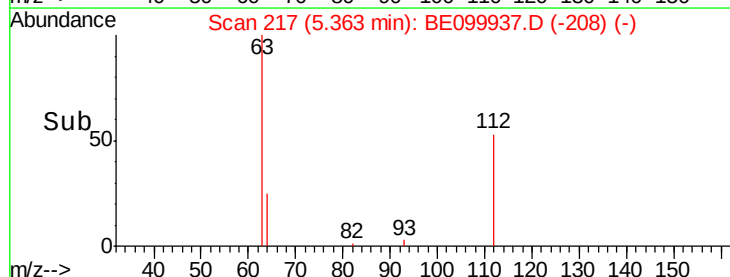
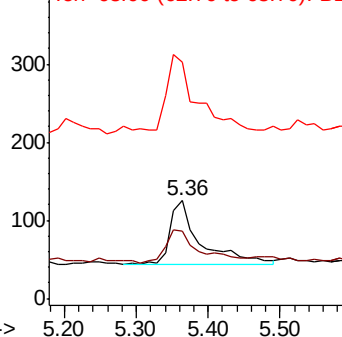
112 100

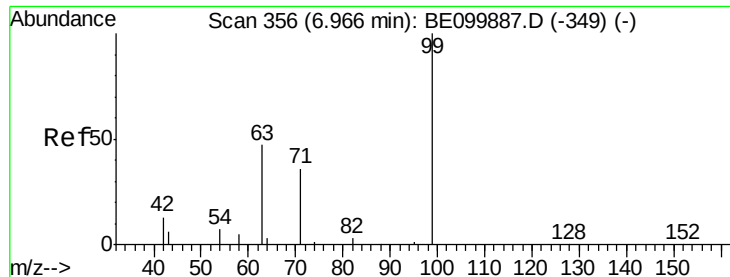
64 61.6 44.1 66.1

63 112.7 87.8 131.6



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: 0.063 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190604

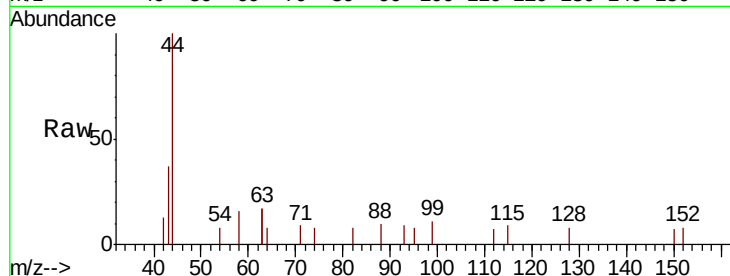
Tgt Ion: 99 Resp: 141

Ion Ratio Lower Upper

99 100

42 27.7 15.9 23.9#

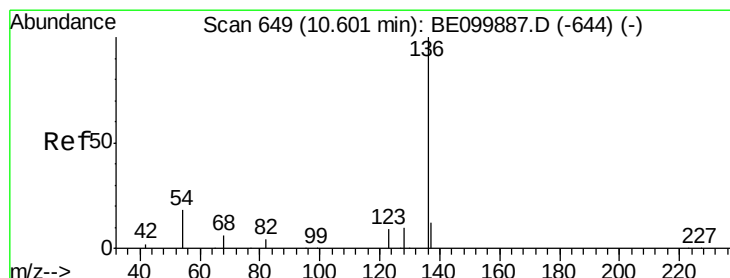
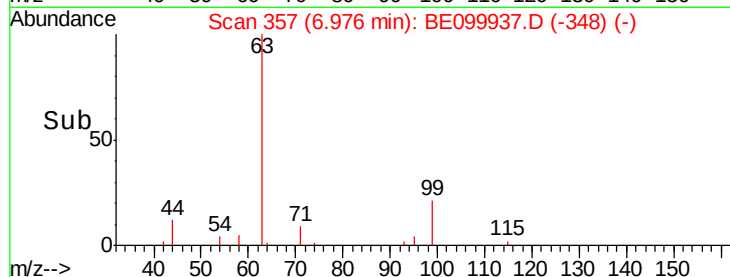
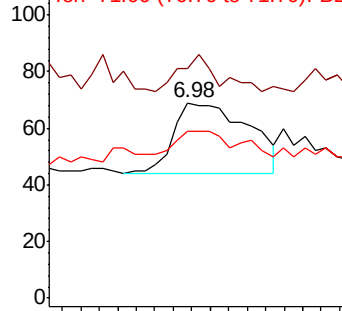
71 36.9 34.6 52.0



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: BE099937.D

Acq: 11 Jun 2019 22:58

Tgt Ion: 136 Resp: 2420

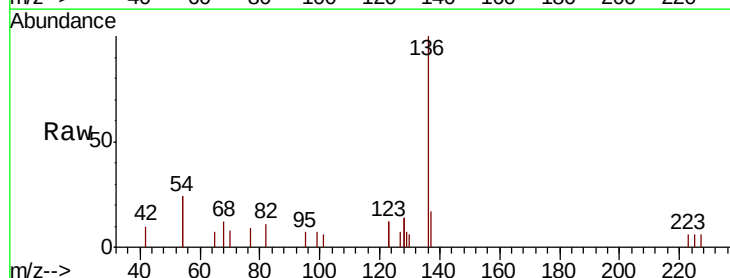
Ion Ratio Lower Upper

136 100

137 16.8 12.3 18.5

54 49.0 28.2 42.4#

68 12.2 7.8 11.8#

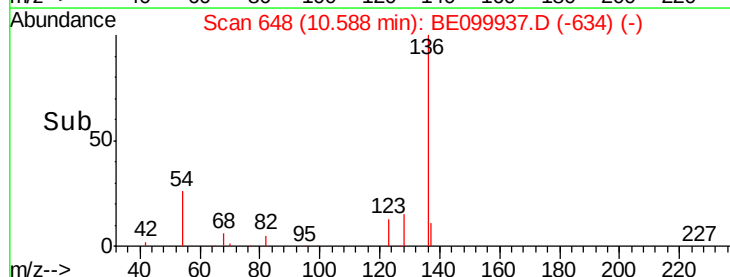
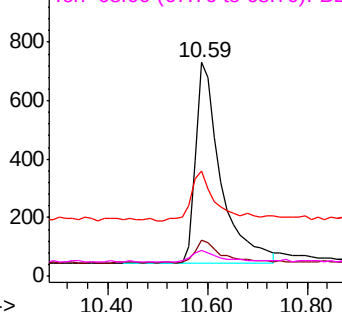


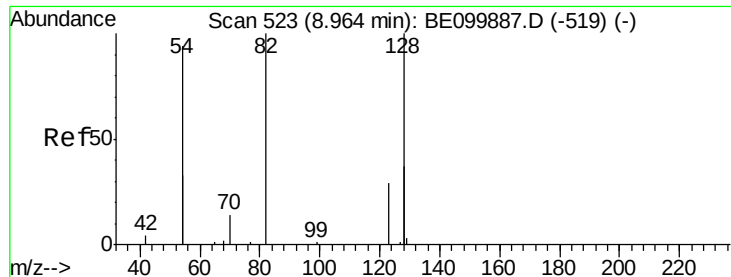
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

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ClientSampleId :

RE122D3-20190604

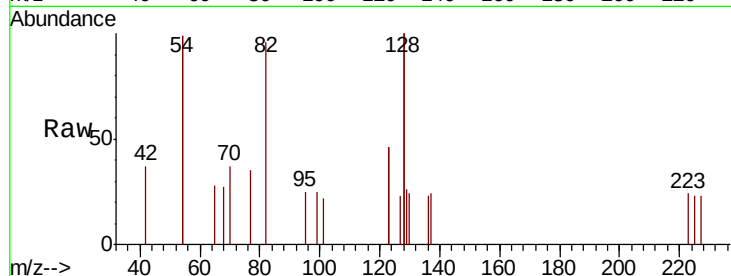
Tgt Ion: 82 Resp: 745

Ion Ratio Lower Upper

82 100

128 208.5 137.3 205.9#

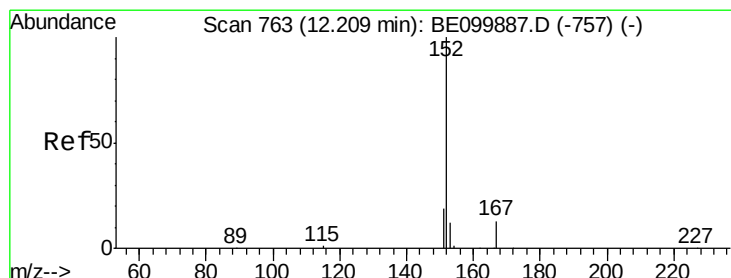
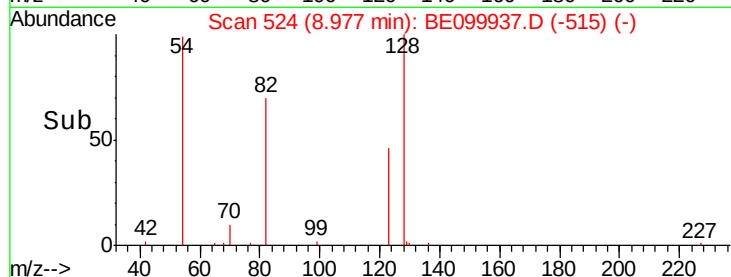
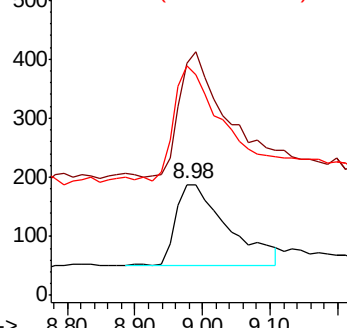
54 206.4 129.7 194.5#



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: 0.364 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099937.D

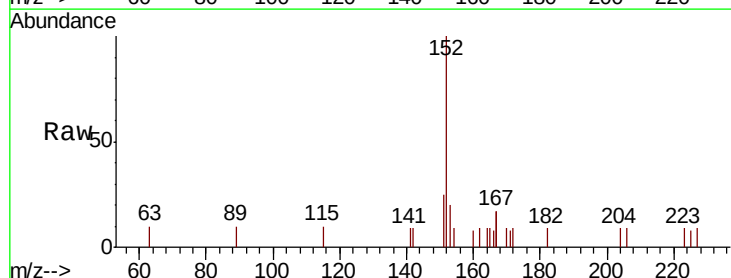
Acq: 11 Jun 2019 22:58

Tgt Ion: 152 Resp: 1535

Ion Ratio Lower Upper

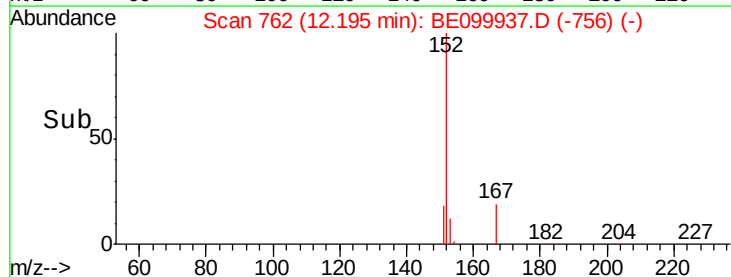
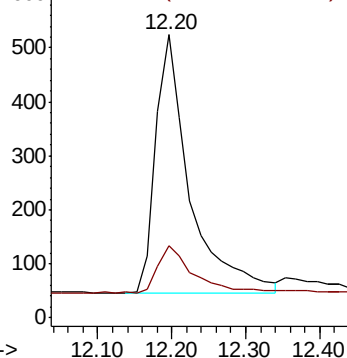
152 100

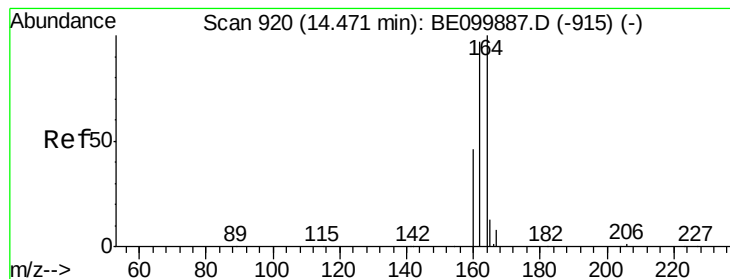
151 19.2 15.2 22.8



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: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

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ClientSampleId :

RE122D3-20190604

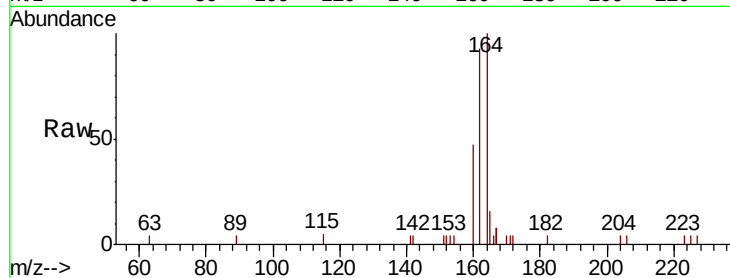
Tgt Ion:164 Resp: 2208

Ion Ratio Lower Upper

164 100

162 92.8 77.8 116.8

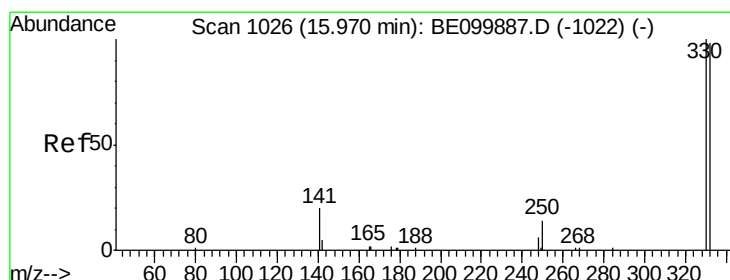
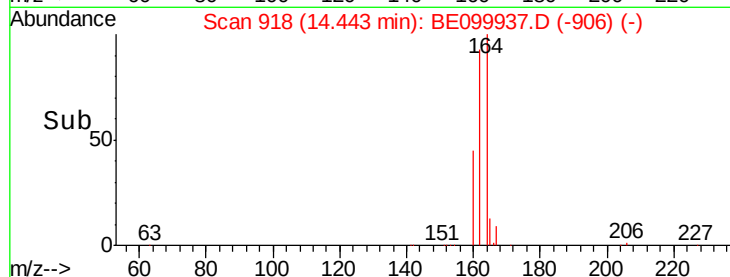
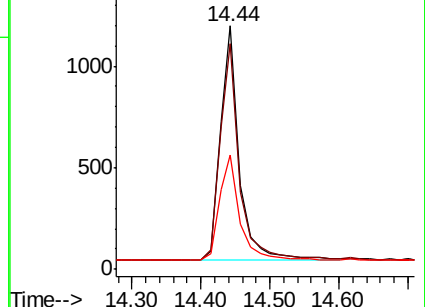
160 47.0 38.2 57.4



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: 0.276 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

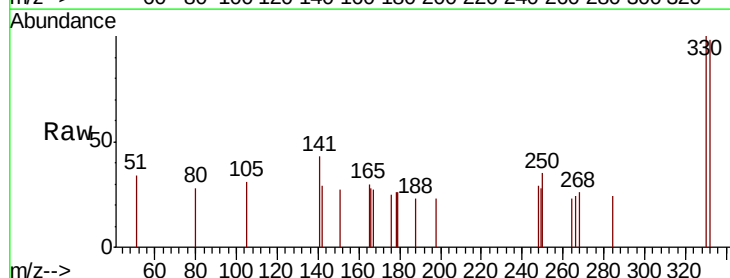
Tgt Ion:330 Resp: 451

Ion Ratio Lower Upper

330 100

332 99.1 76.7 115.1

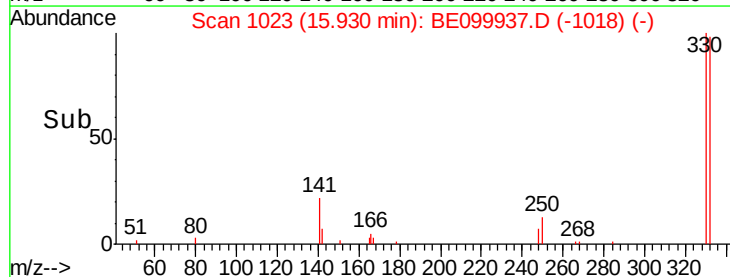
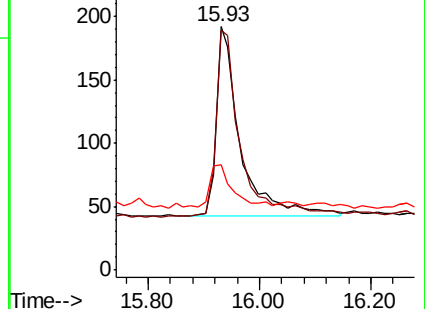
141 20.6 21.0 31.6#

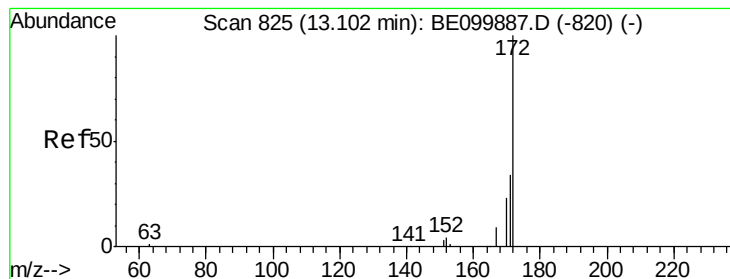


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.388 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

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ClientSampleId :

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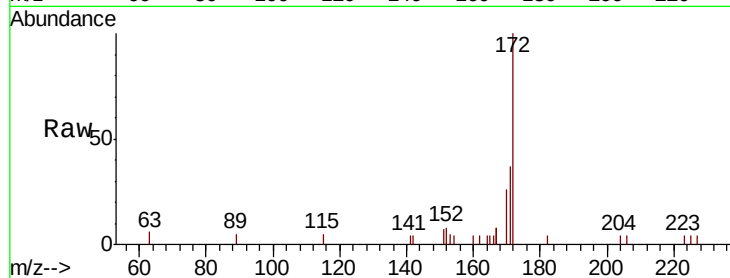
Tgt Ion:172 Resp: 3249

Ion Ratio Lower Upper

172 100

171 37.4 29.2 43.8

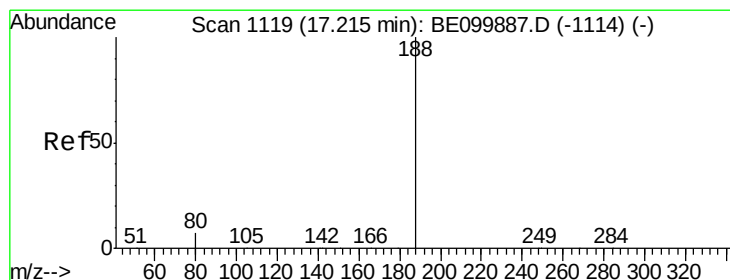
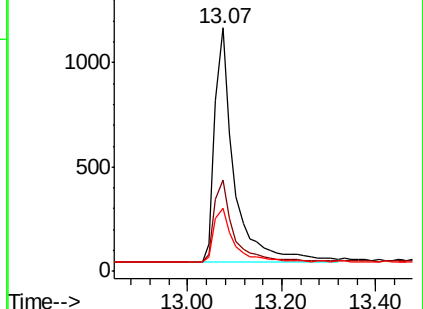
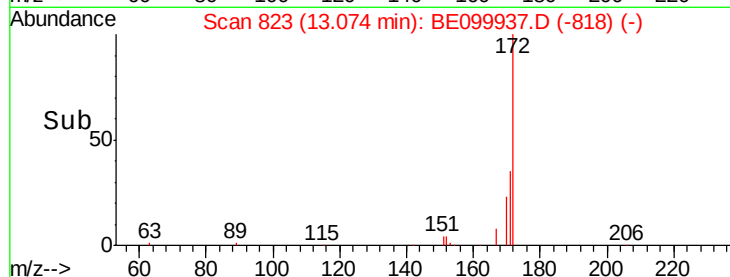
170 25.9 21.2 31.8



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: 17.18 min Scan# 1116

Delta R.T. -0.04 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

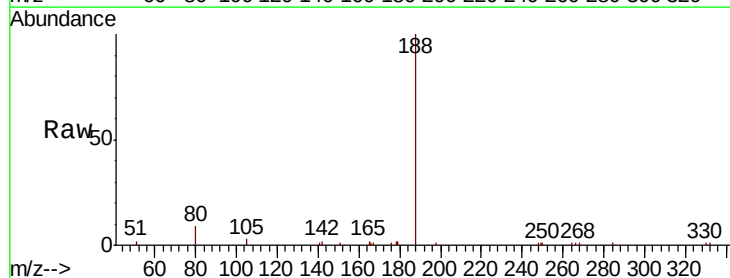
Tgt Ion:188 Resp: 7104

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

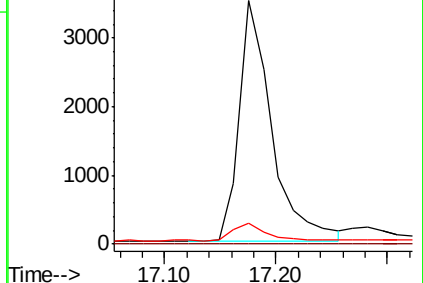
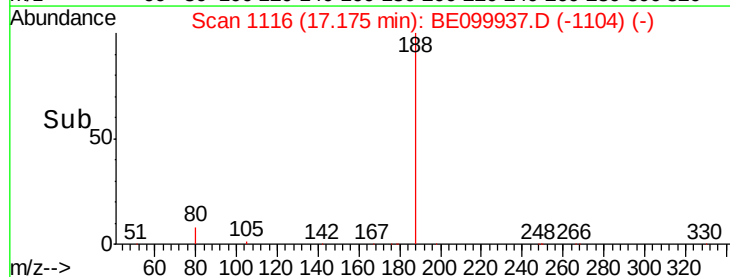
80 8.8 6.4 9.6

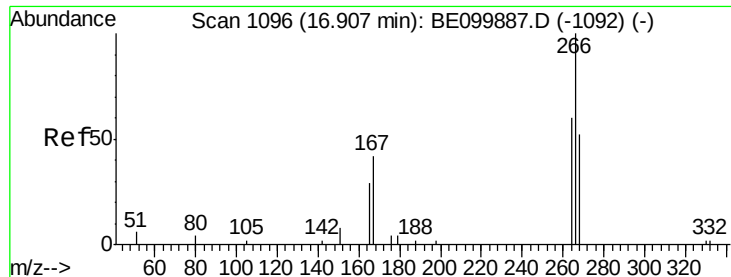


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.342 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190604

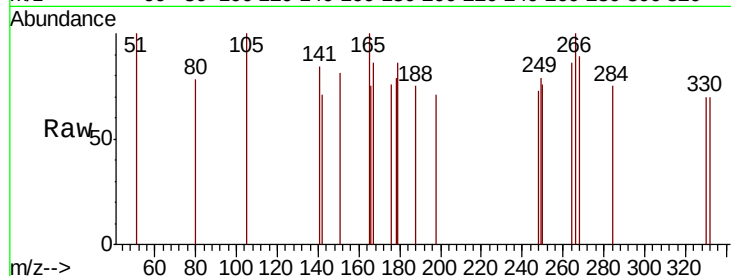
Tgt Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

264 85.7 62.2 93.2

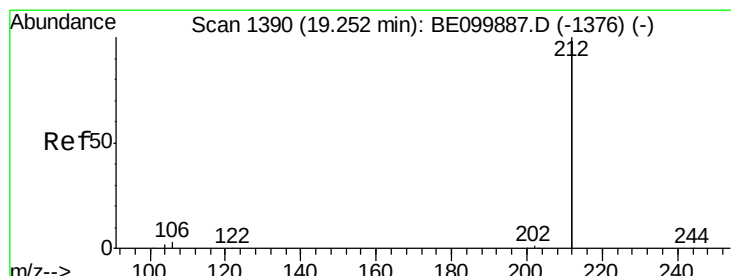
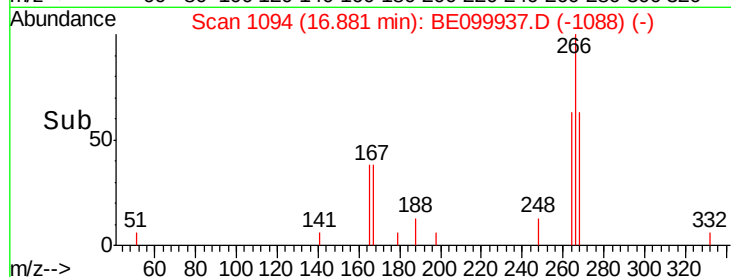
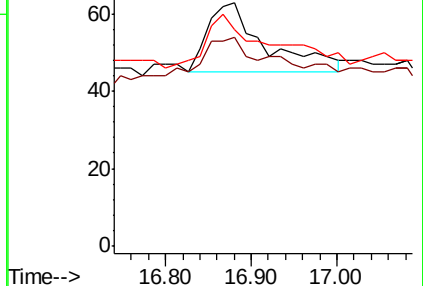
268 88.9 65.5 98.3



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: 0.382 ng

RT: 19.21 min Scan# 1382

Delta R.T. -0.05 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

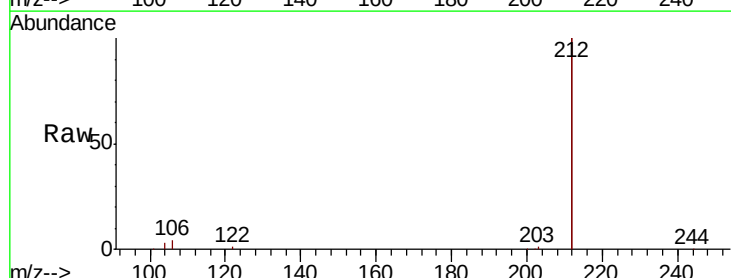
Tgt Ion:212 Resp: 39559

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

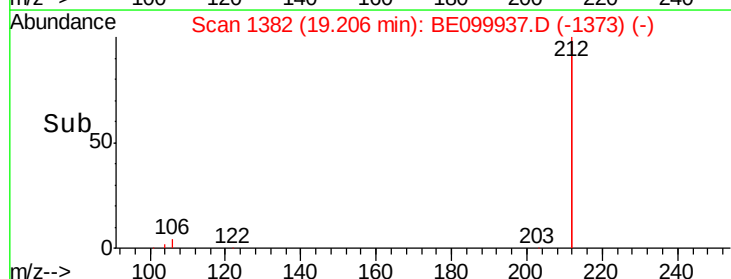
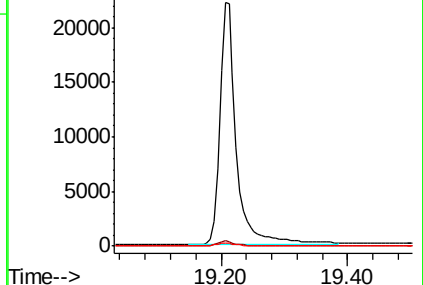
104 1.2 0.9 1.3

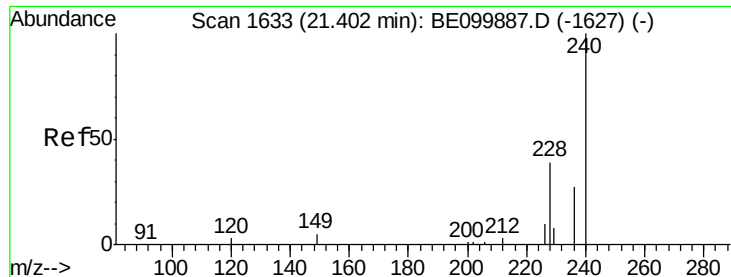


Abundance Ion 212.00 (211.70 to 212.70): E

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. -0.04 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190604

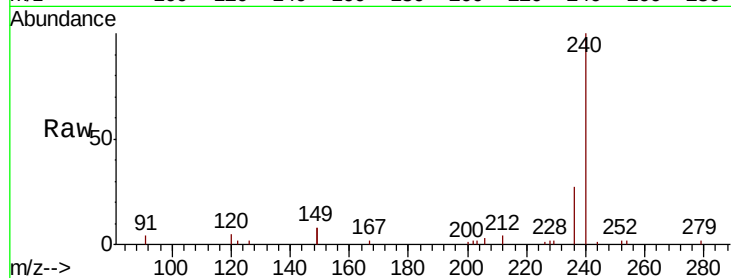
Tgt Ion:240 Resp: 9410

Ion Ratio Lower Upper

240 100

120 5.3 3.8 5.6

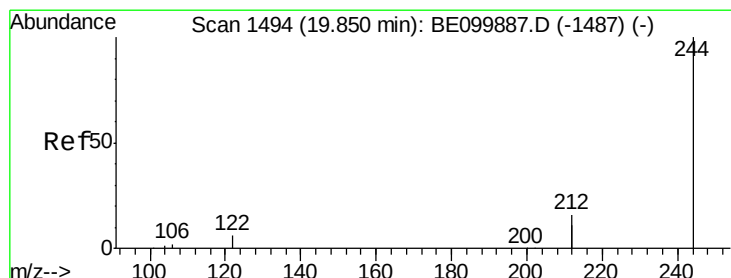
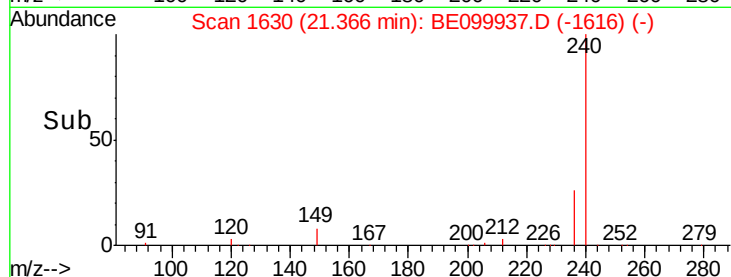
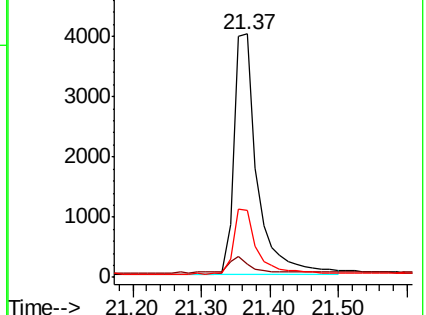
236 27.3 22.0 33.0



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: 0.668 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

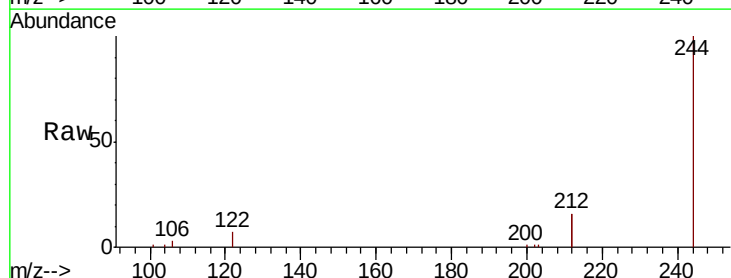
Tgt Ion:244 Resp: 11317

Ion Ratio Lower Upper

244 100

212 31.7 25.7 38.5

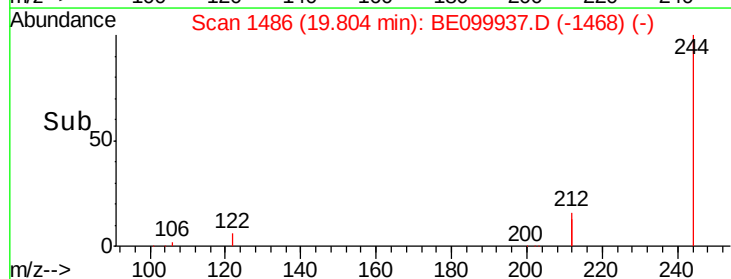
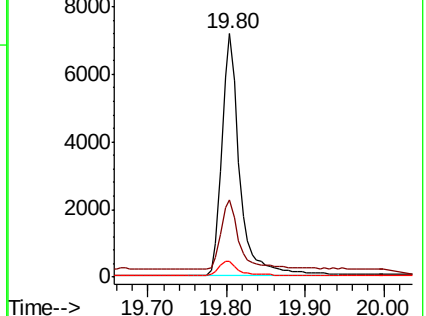
122 6.6 5.5 8.3

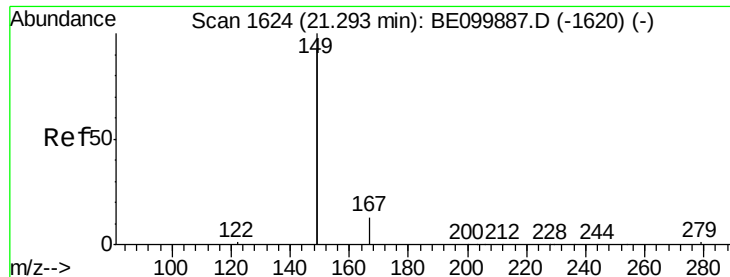


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190604

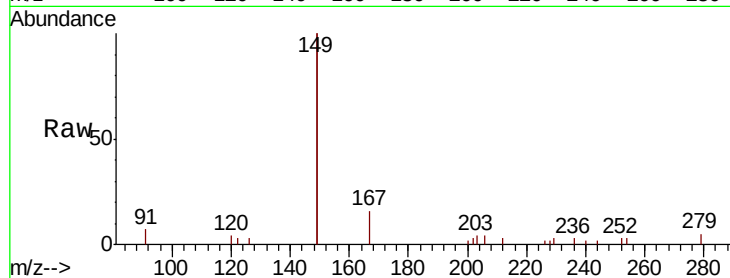
Tgt Ion:149 Resp: 5540

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

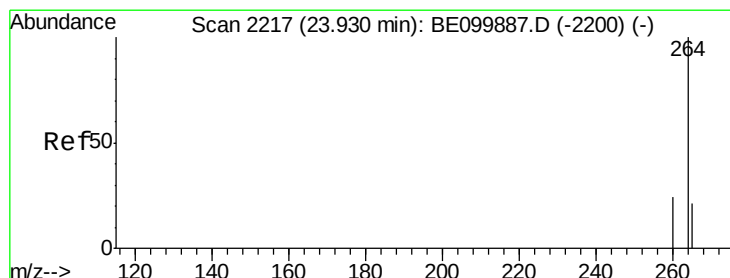
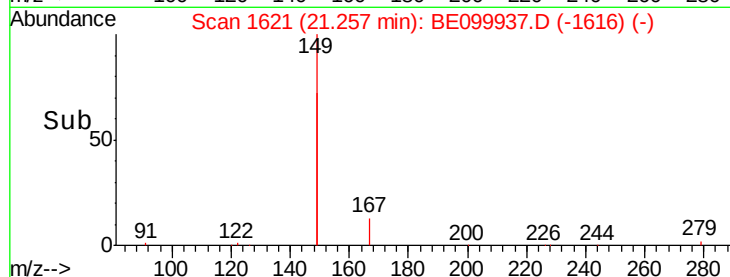
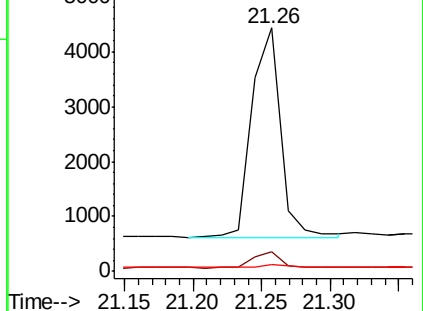
279 1.6 1.2 1.8



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# 2196

Delta R.T. -0.07 min

Lab File: BE099937.D

Acq: 11 Jun 2019 22:58

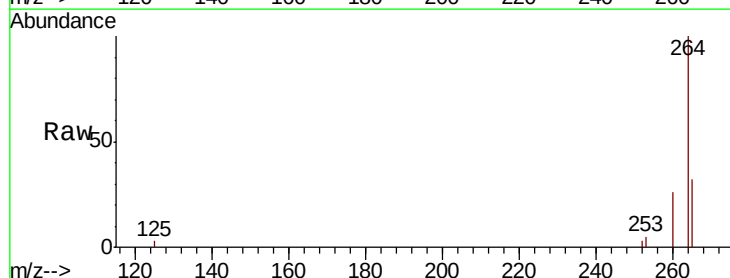
Tgt Ion:264 Resp: 10617

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 32.0 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

