

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100039.D
 Acq On : 15 Jun 2019 00:46
 Operator : JU/SJ
 Sample : K3315-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190610

Quant Time: Jun 15 02:11:41 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	836	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2938	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2338	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6798	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8761	0.40	ng	0.00
34) Perylene-d12	23.93	264	10078	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	353	0.16	ng	0.01
5) Phenol-d6	6.98	99	252	0.09	ng	0.01
8) Nitrobenzene-d5	8.98	82	1168	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1922	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	513	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4571	0.52	ng	-0.01
25) Fluoranthene-d10	19.24	212	34577	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	10151	0.64	ng	-0.01

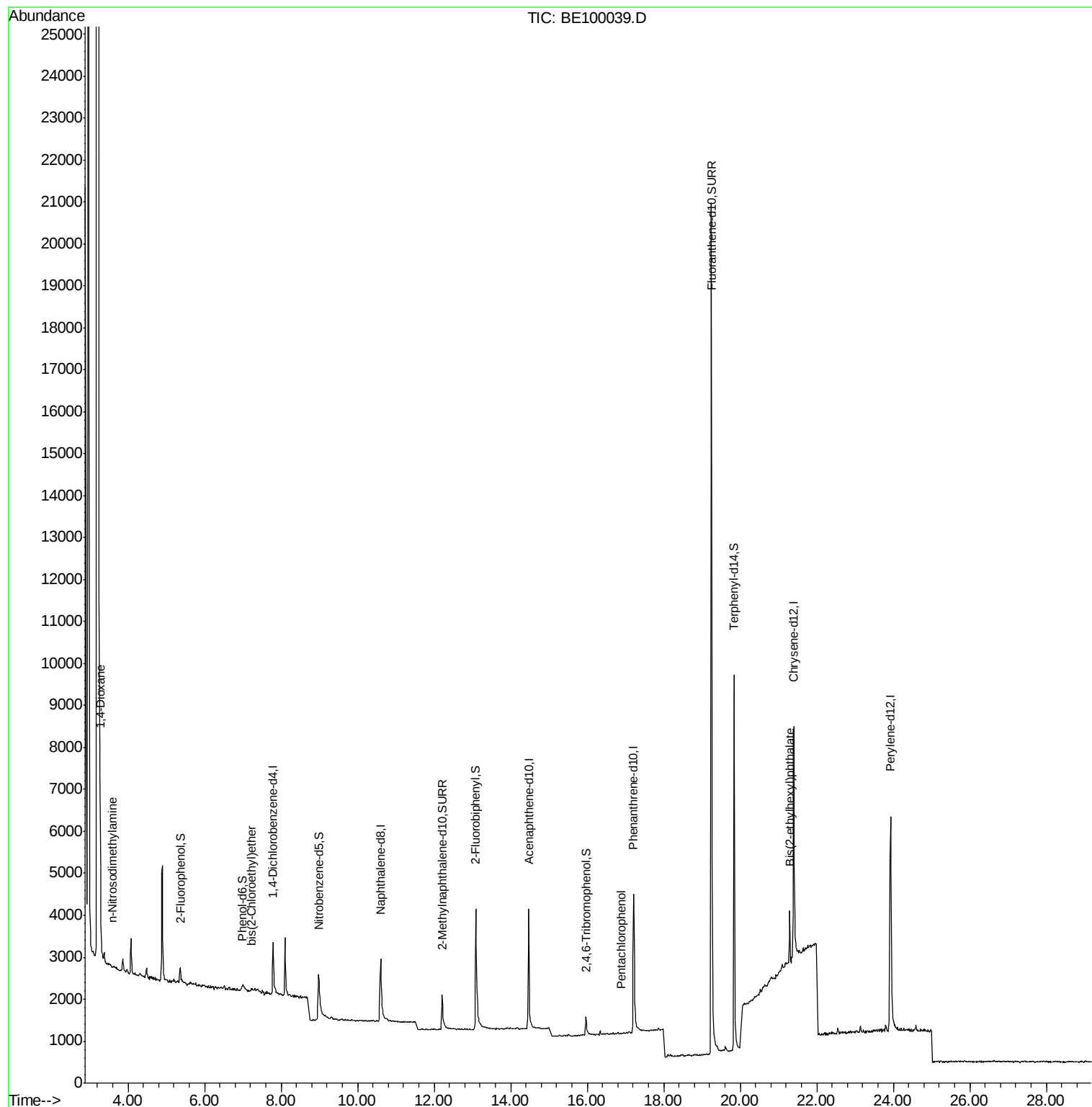
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	3012	2.434	ng	91
3) n-Nitrosodimethylamine	3.59	42	18	0.025	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	89	0.037	ng	# 70
22) Pentachlorophenol	16.89	266	5	0.302	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	1430	0.038	ng	# 90

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
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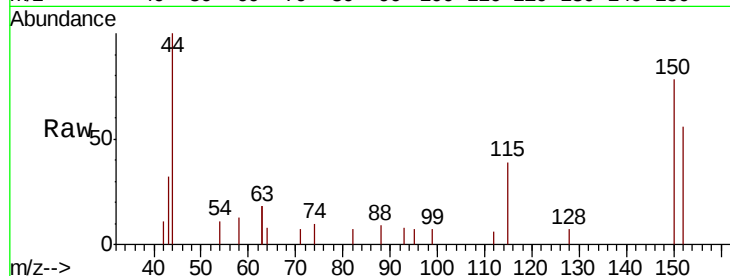


#1

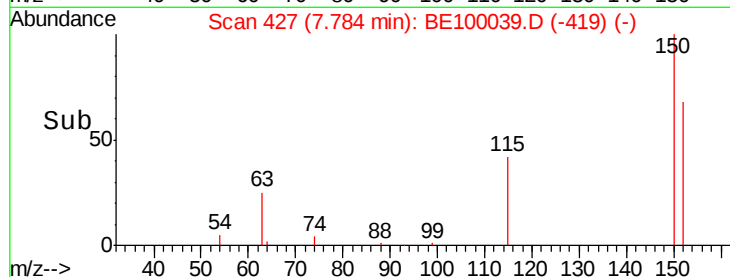
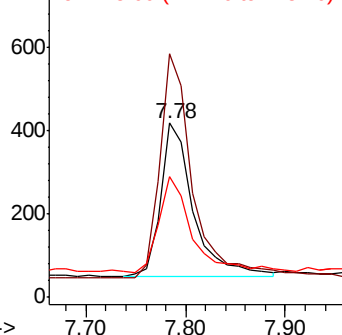
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE100039.D
 Acq: 15 Jun 2019 00:46

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190610

Tgt Ion: 152 Resp: 836
 Ion Ratio Lower Upper
 152 100
 150 139.7 111.0 166.6
 115 69.4 50.7 76.1



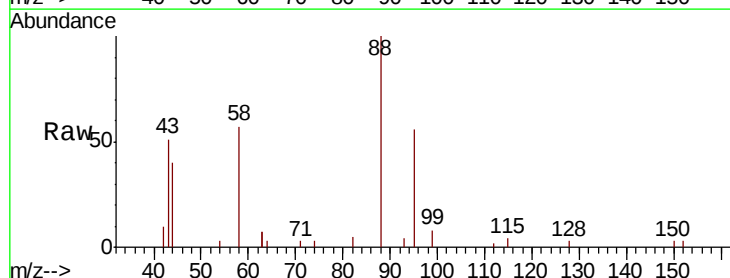
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



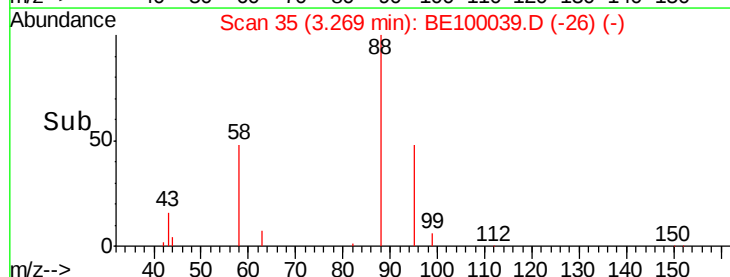
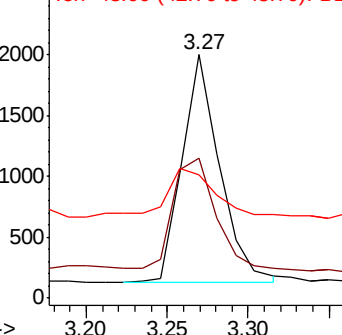
#2

1,4-Dioxane
 Concen: 2.434 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE100039.D
 Acq: 15 Jun 2019 00:46

Tgt Ion: 88 Resp: 3012
 Ion Ratio Lower Upper
 88 100
 58 53.4 48.8 73.2
 43 27.6 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BE1
 Ion 58.00 (57.70 to 58.70): BE1
 Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

Instrument :

BNA_E

ClientSampleId :

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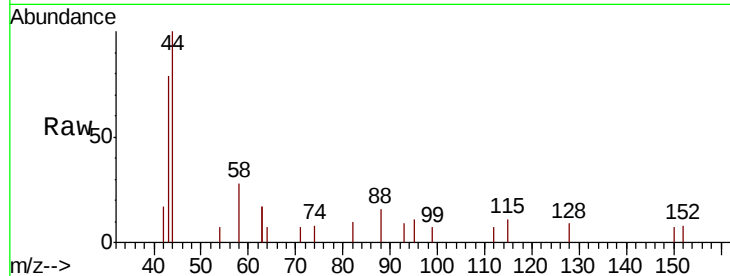
Tgt Ion: 42 Resp: 18

Ion Ratio Lower Upper

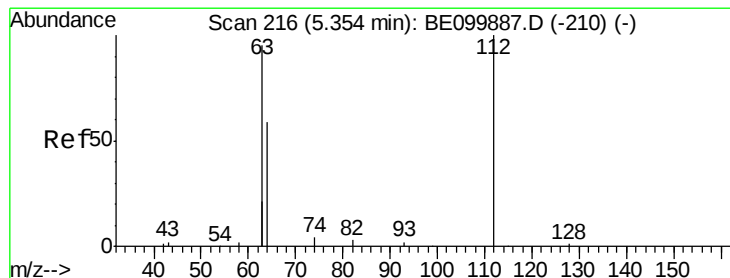
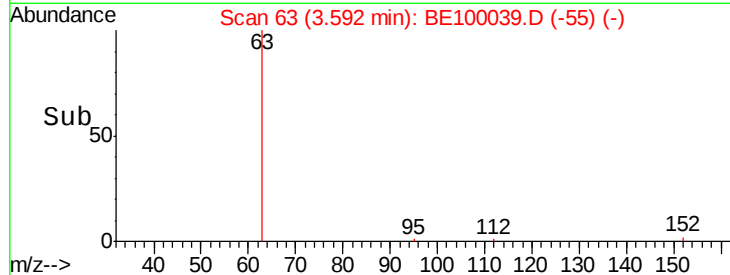
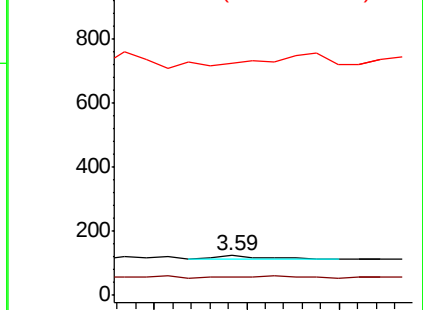
42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

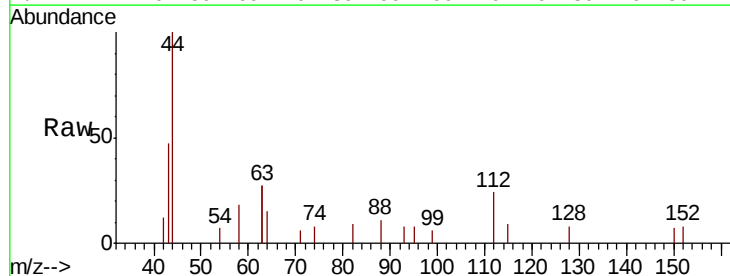
Tgt Ion: 112 Resp: 353

Ion Ratio Lower Upper

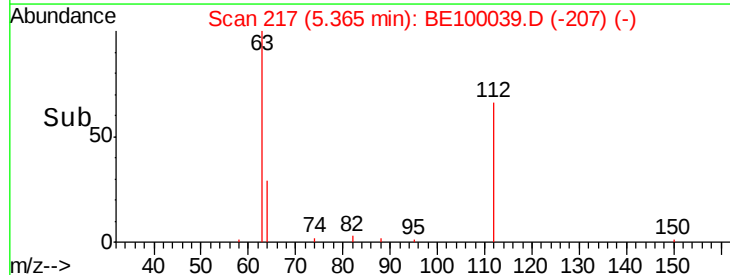
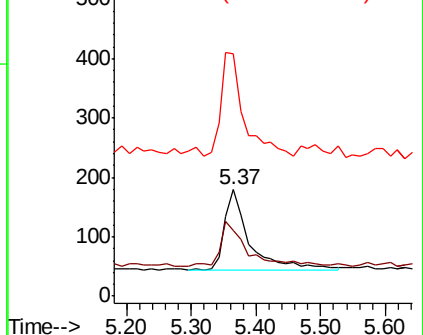
112 100

64 58.9 44.1 66.1

63 121.0 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190610

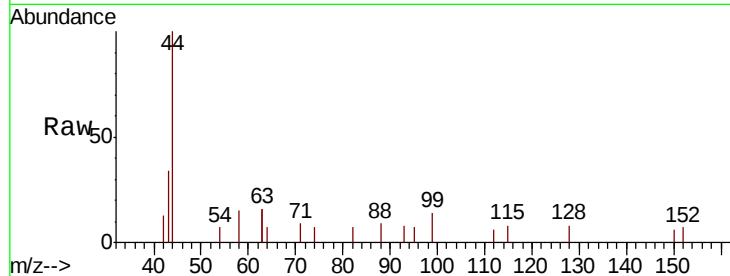
Tgt Ion: 99 Resp: 252

Ion Ratio Lower Upper

99 100

42 26.2 15.9 23.9#

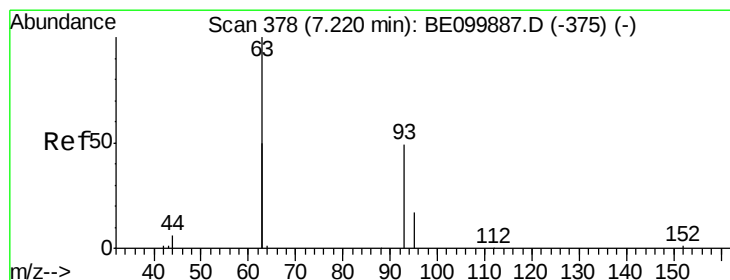
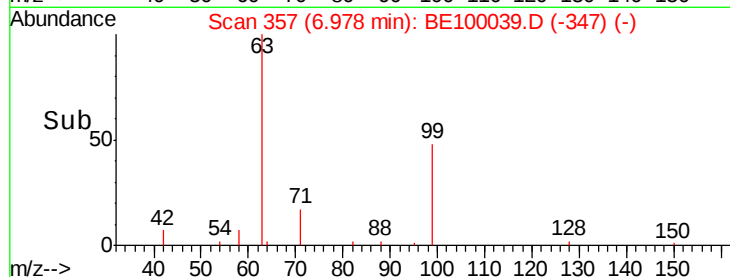
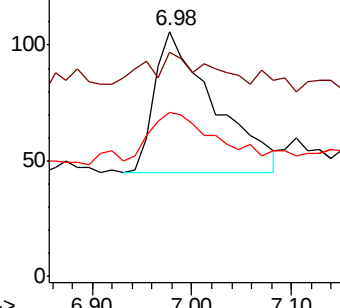
71 46.4 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.037 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

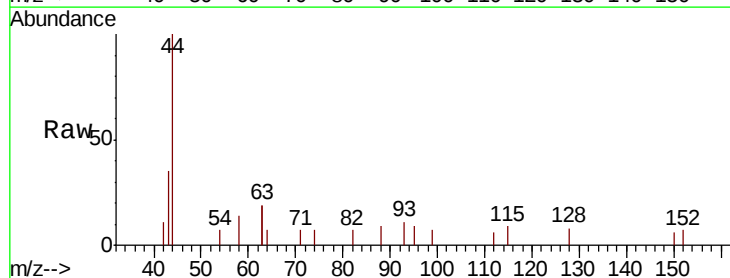
Tgt Ion: 93 Resp: 89

Ion Ratio Lower Upper

93 100

63 206.7 202.8 304.2

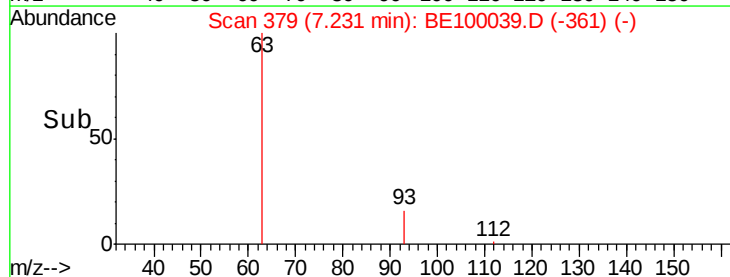
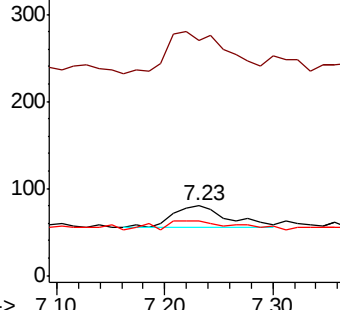
95 59.6 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190610

Tgt Ion: 136 Resp: 2938

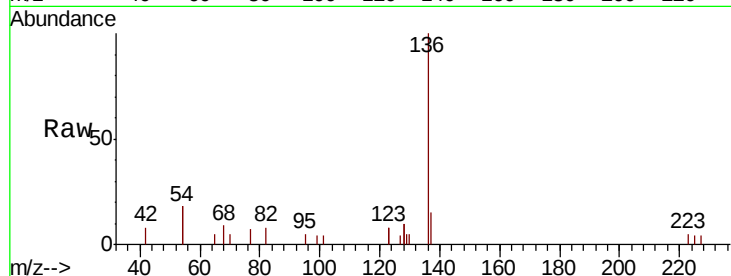
Ion Ratio Lower Upper

136 100

137 14.6 12.3 18.5

54 35.8 28.2 42.4

68 9.1 7.8 11.8

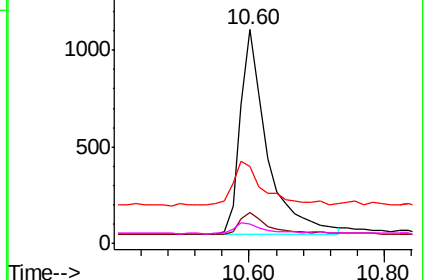
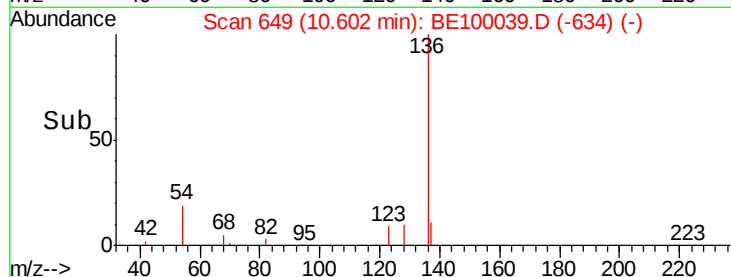


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

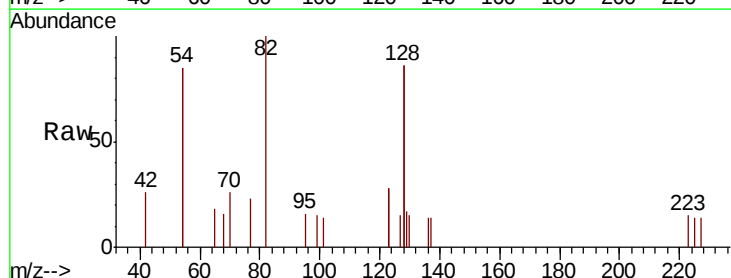
Tgt Ion: 82 Resp: 1168

Ion Ratio Lower Upper

82 100

128 172.7 137.3 205.9

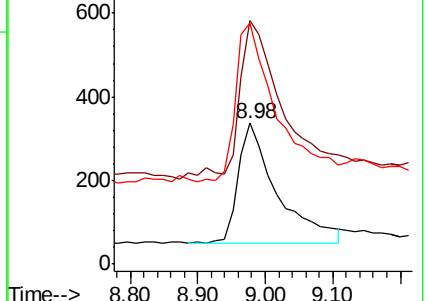
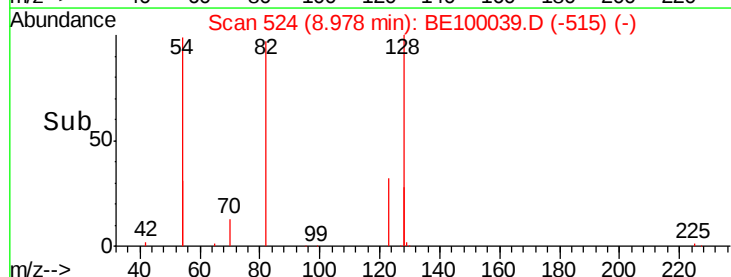
54 170.9 129.7 194.5

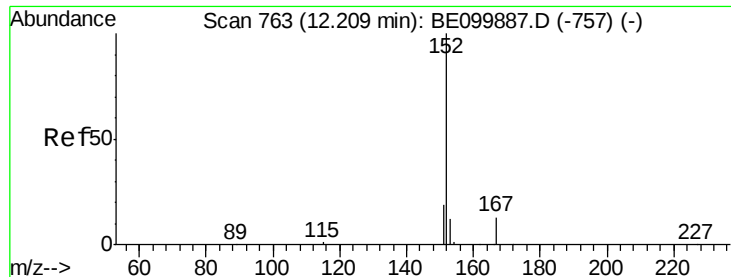


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

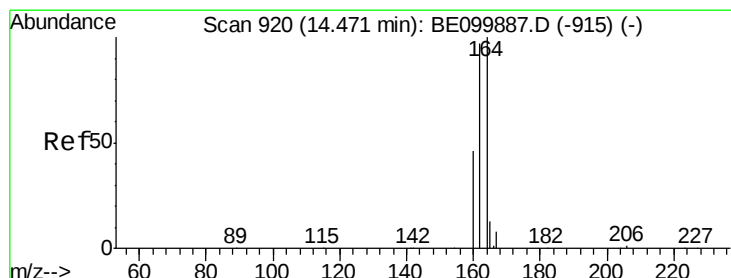
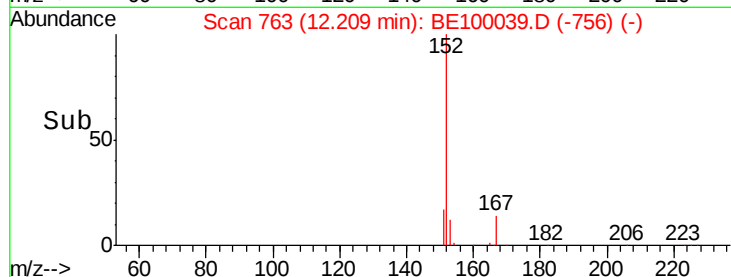
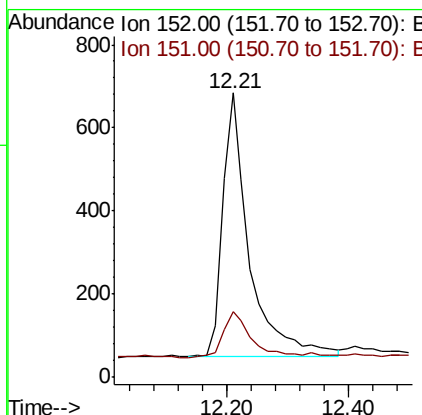
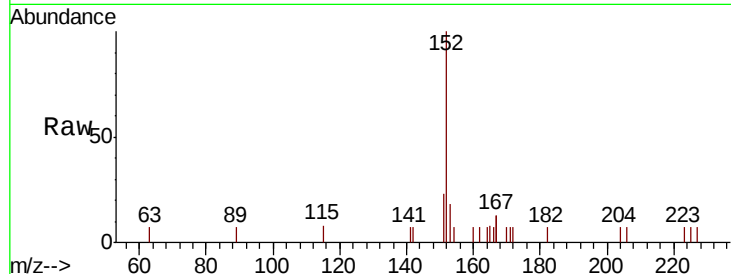




#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100039.D
 Acq: 15 Jun 2019 00:46

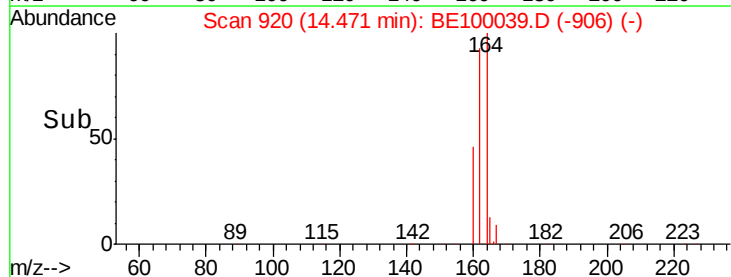
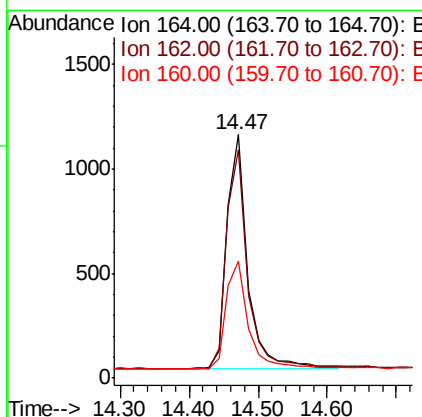
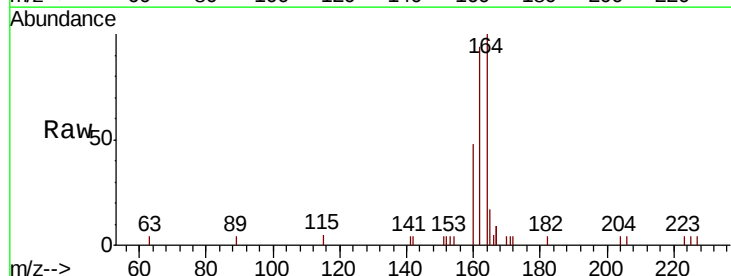
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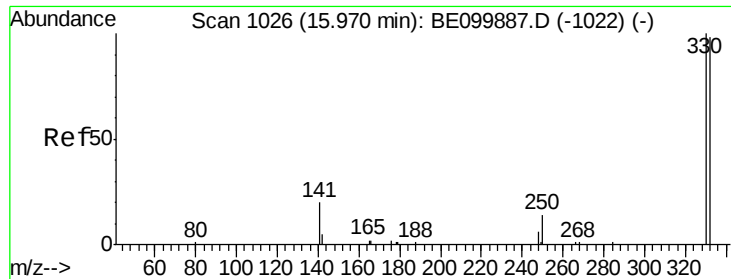
Tgt Ion:152 Resp: 1922
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE100039.D
 Acq: 15 Jun 2019 00:46

Tgt Ion:164 Resp: 2338
 Ion Ratio Lower Upper
 164 100
 162 93.6 77.8 116.8
 160 48.0 38.2 57.4





#14

2,4,6-Tribromophenol

Concen: 0.297 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190610

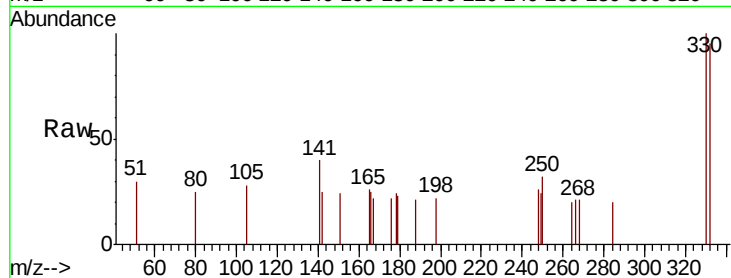
Tgt Ion:330 Resp: 513

Ion Ratio Lower Upper

330 100

332 89.9 76.7 115.1

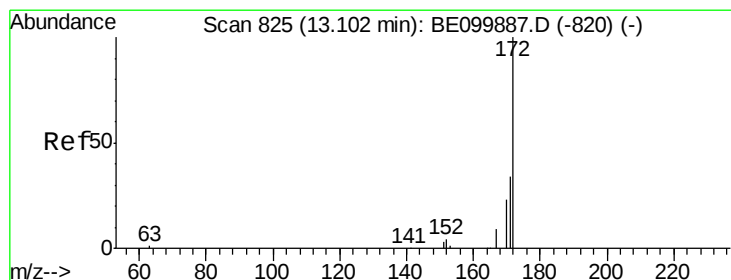
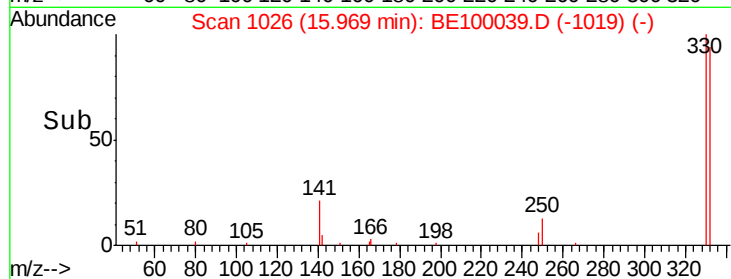
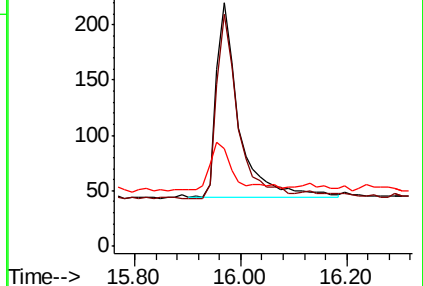
141 21.4 21.0 31.6



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: 0.516 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

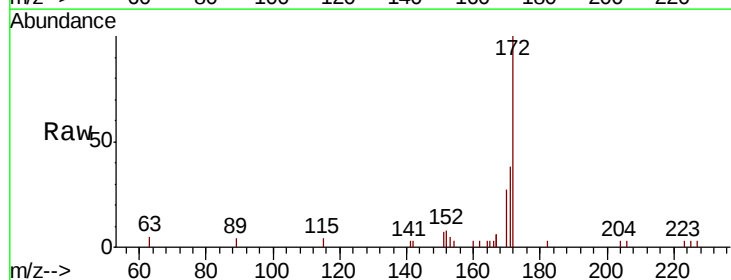
Tgt Ion:172 Resp: 4571

Ion Ratio Lower Upper

172 100

171 37.9 29.2 43.8

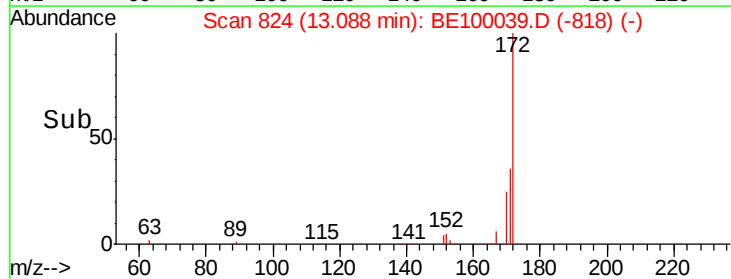
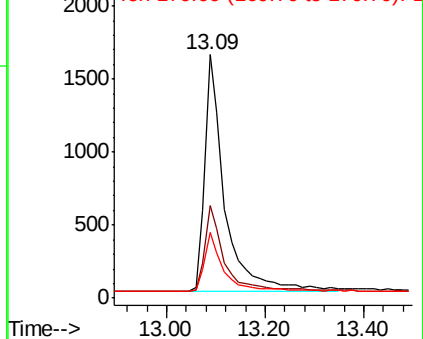
170 27.0 21.2 31.8

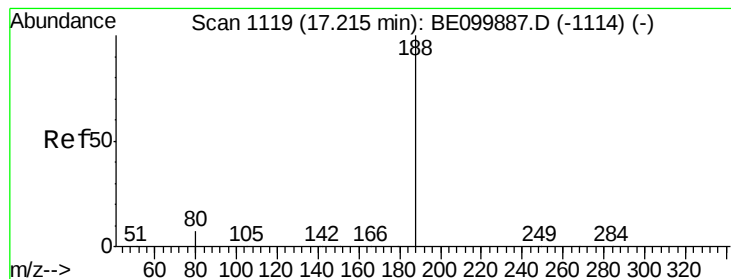


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100039.D

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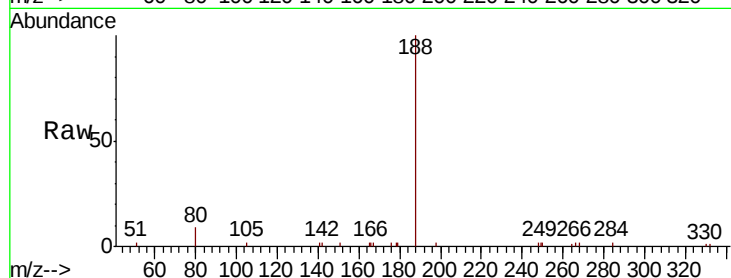
Tgt Ion:188 Resp: 6798

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

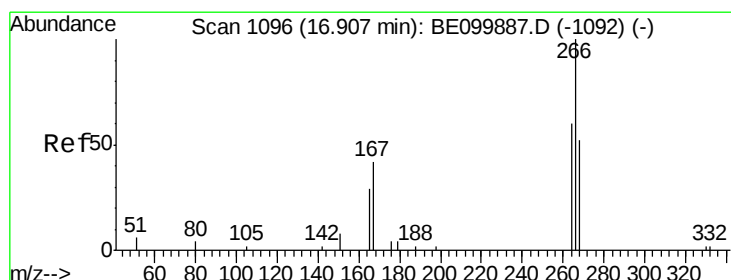
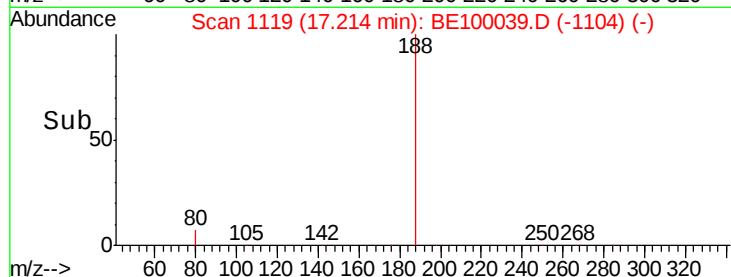
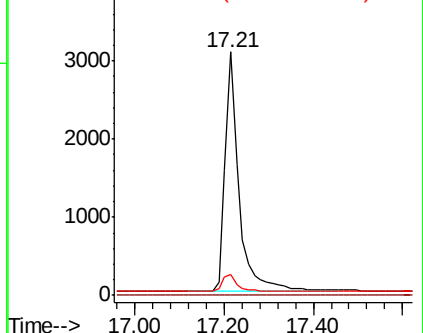
80 8.5 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.302 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

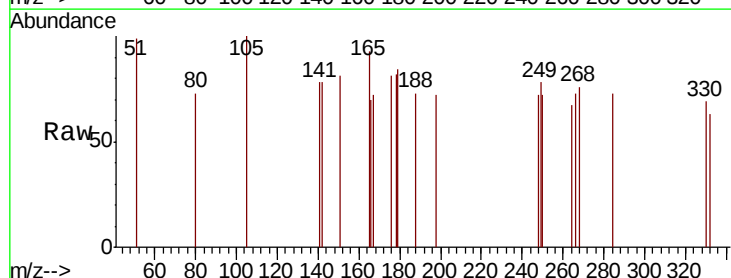
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 91.8 62.2 93.2

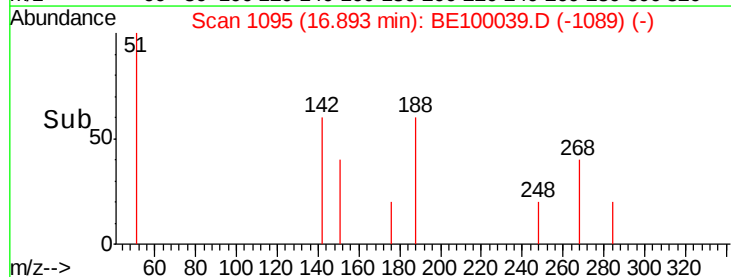
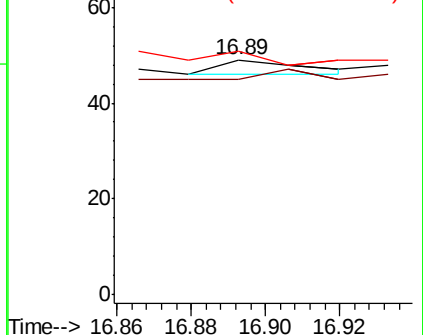
268 104.1 65.5 98.3#

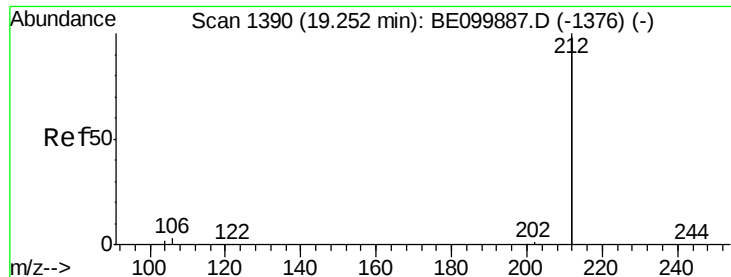


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100039.D

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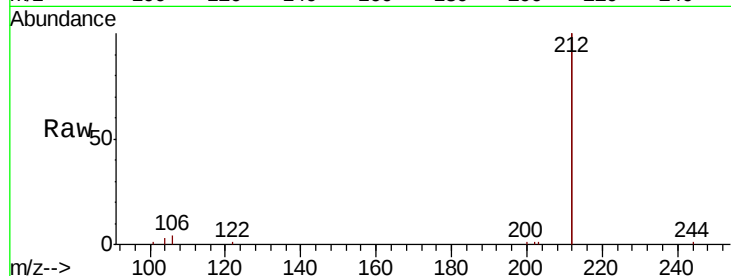
Tgt Ion:212 Resp: 34577

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

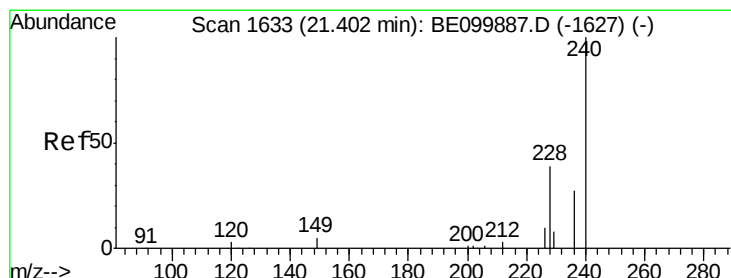
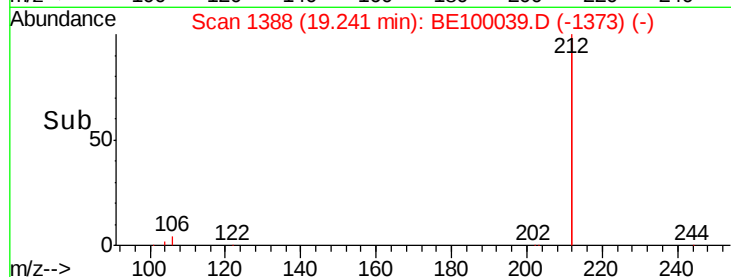
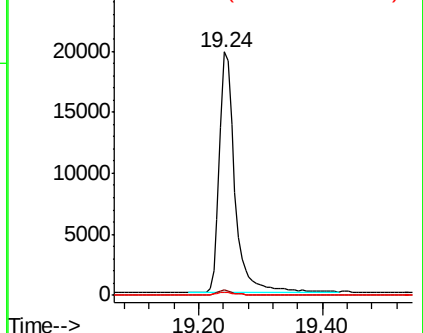
104 1.0 0.9 1.3



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

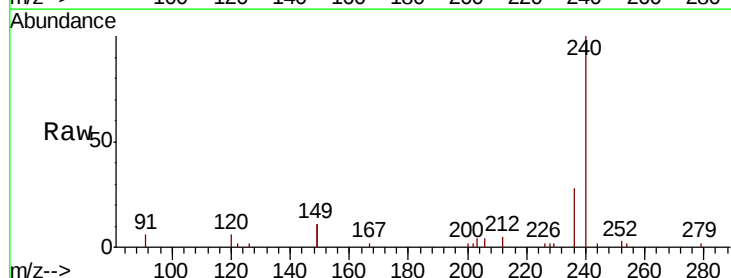
Tgt Ion:240 Resp: 8761

Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6#

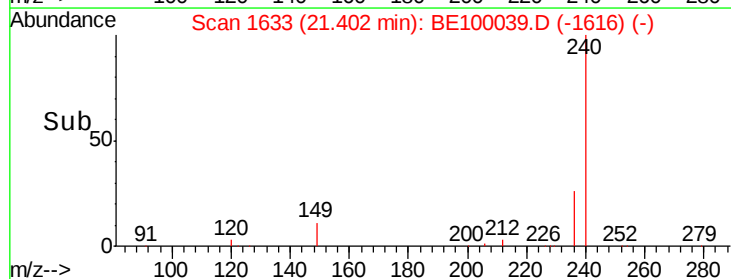
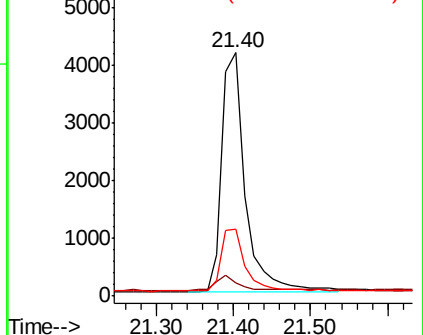
236 27.6 22.0 33.0

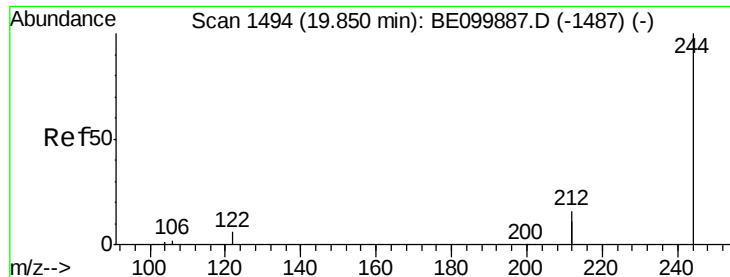


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.644 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190610

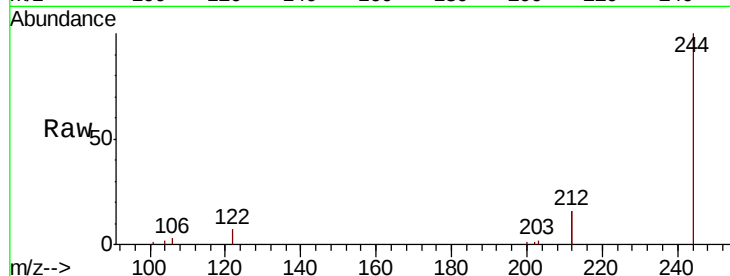
Tgt Ion:244 Resp: 10151

Ion Ratio Lower Upper

244 100

212 32.9 25.7 38.5

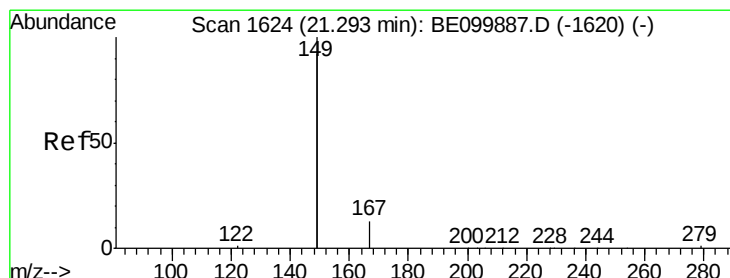
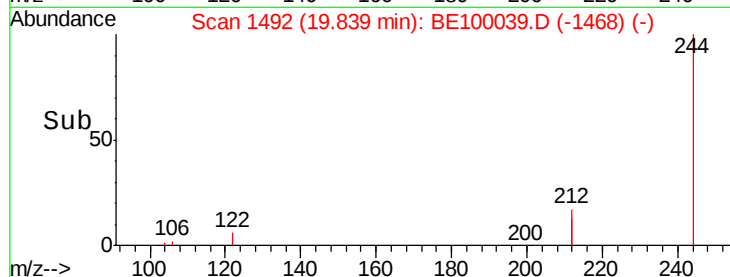
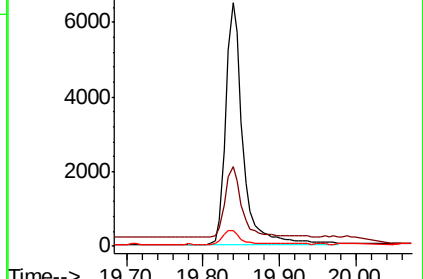
122 6.6 5.5 8.3



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: 0.038 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100039.D

Acq: 15 Jun 2019 00:46

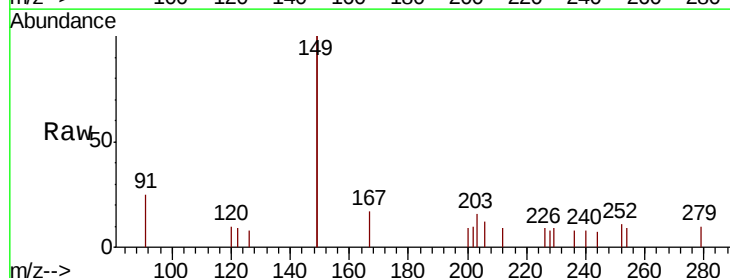
Tgt Ion:149 Resp: 1430

Ion Ratio Lower Upper

149 100

167 11.4 5.9 8.9#

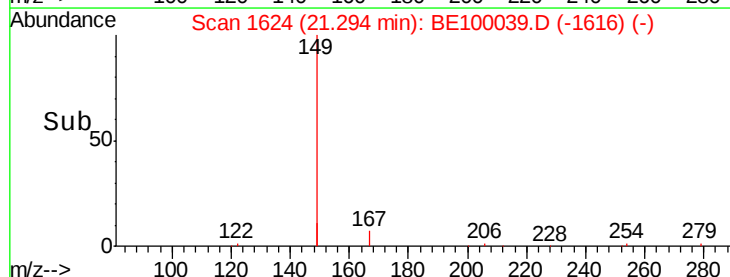
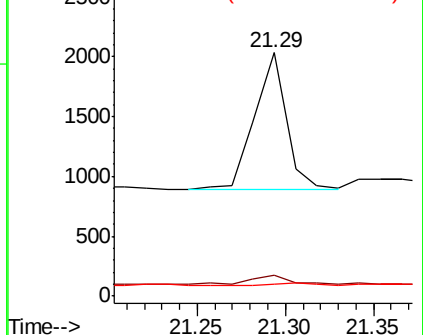
279 2.2 1.2 1.8#

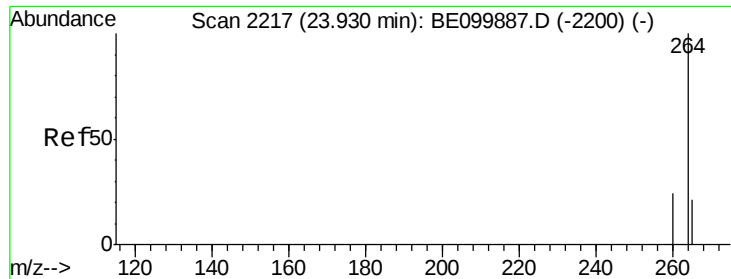


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE100039.D

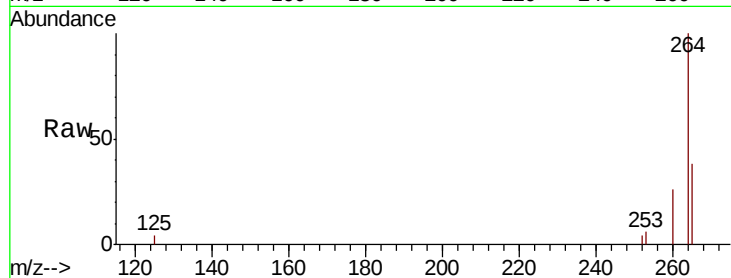
Acq: 15 Jun 2019 00:46

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190610



Tgt Ion:264 Resp: 10078

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 38.5 22.0 33.0#

