

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099924.D
 Acq On : 11 Jun 2019 15:08
 Operator : JU/SJ
 Sample : PB120465BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120465BL

Quant Time: Jun 12 03:43:26 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

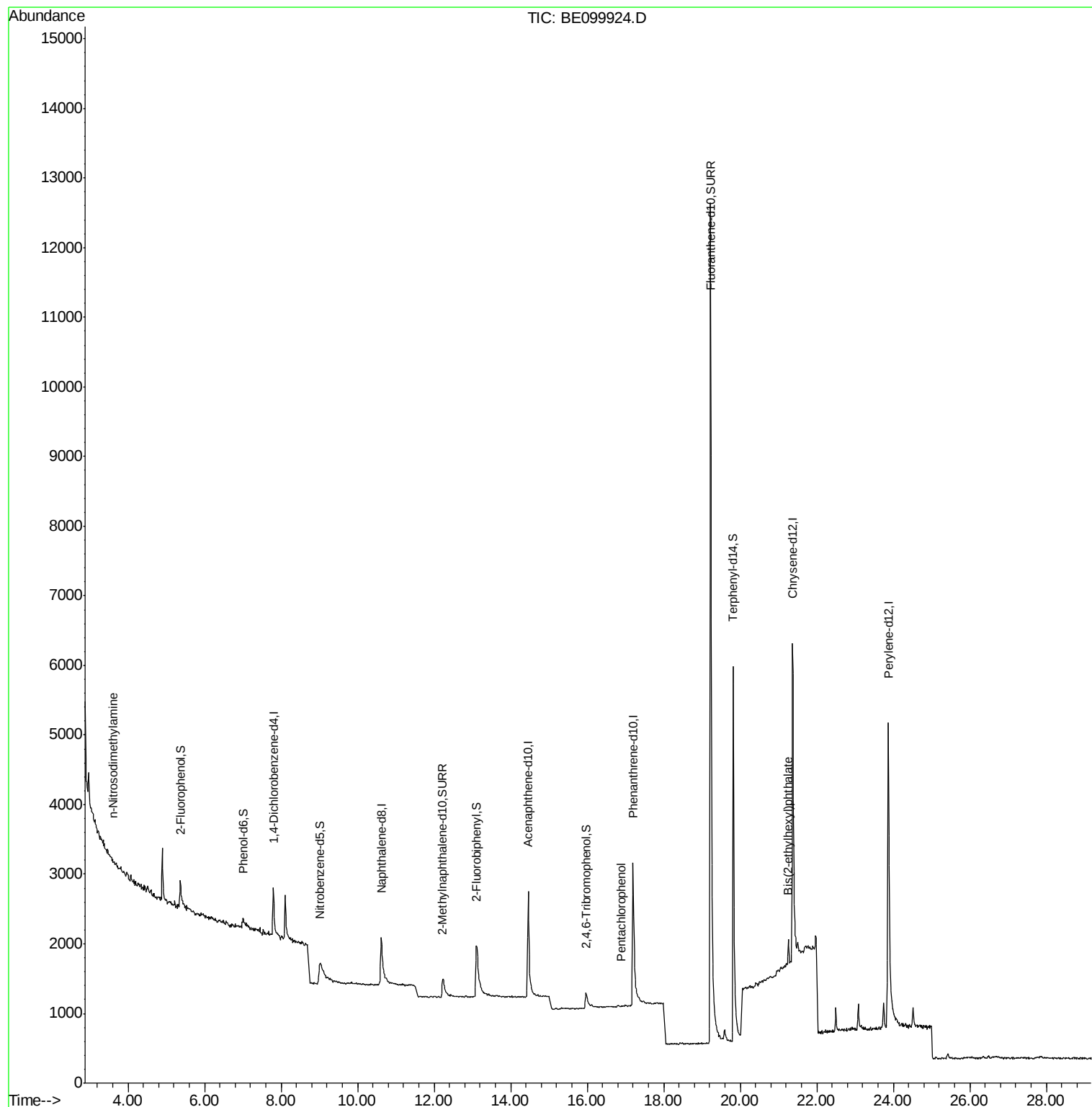
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	615	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2045	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1700	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6281	0.40	ng	-0.01
27) Chrysene-d12	21.37	240	8565	0.40	ng	-0.04
34) Perylene-d12	23.87	264	10177	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	505	0.30	ng	0.00
5) Phenol-d6	7.00	99	616	0.29	ng	0.03
8) Nitrobenzene-d5	9.02	82	483	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.22	152	1061	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	383	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2439	0.38	ng	0.01
25) Fluoranthene-d10	19.22	212	28783	0.31	ng	-0.03
29) Terphenyl-d14	19.82	244	8586	0.56	ng	-0.03
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.60	42	22	0.042	ng	# 100
22) Pentachlorophenol	16.89	266	6	0.303	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.26	149	814	0.022	ng	# 95

(#) = 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: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099924.D

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BNA_E

ClientSampleId :

PB120465BL

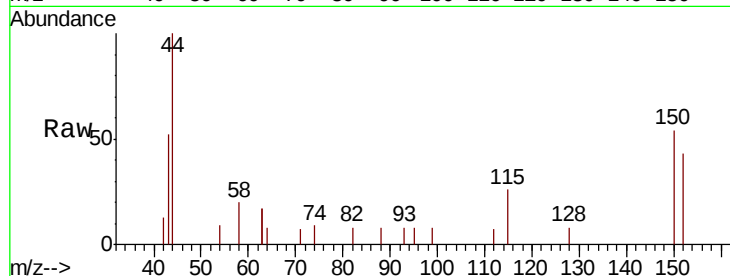
Tgt Ion: 152 Resp: 615

Ion Ratio Lower Upper

152 100

150 127.0 111.0 166.6

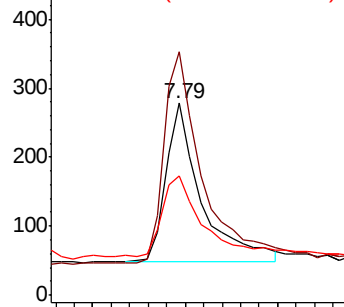
115 62.2 50.7 76.1



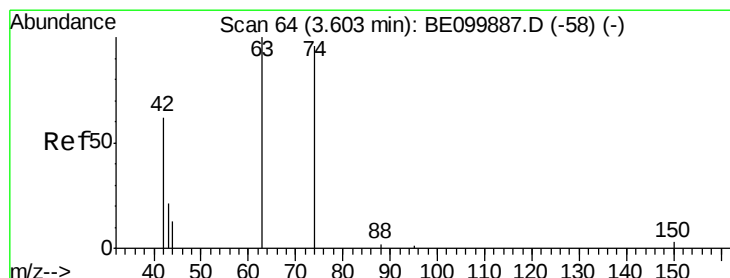
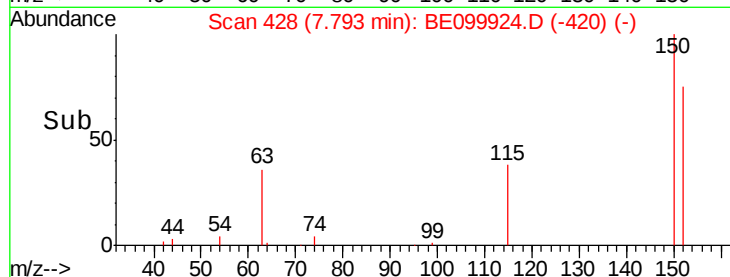
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#3

n-Nitrosodimethylamine

Concen: 0.042 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

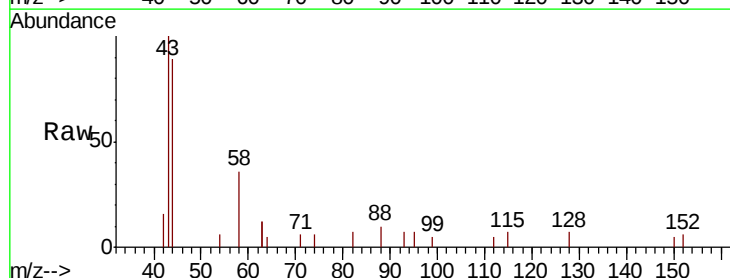
Tgt Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

74 27.3 0.0 0.0#

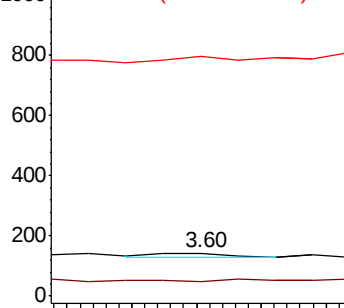
44 113.6 0.0 0.0#



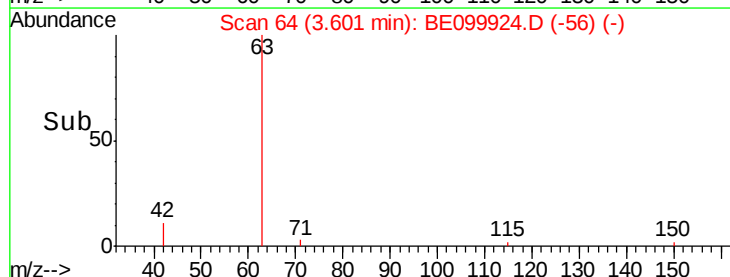
Abundance Ion 42.00 (41.70 to 42.70): BE0

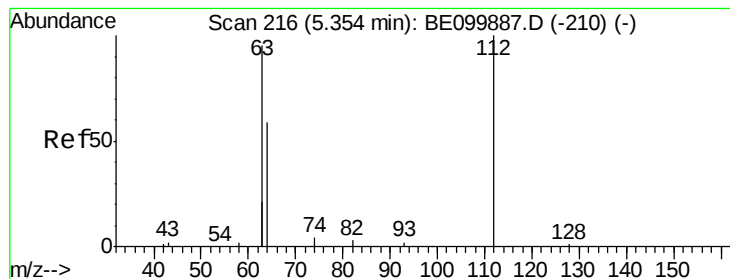
Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.304 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

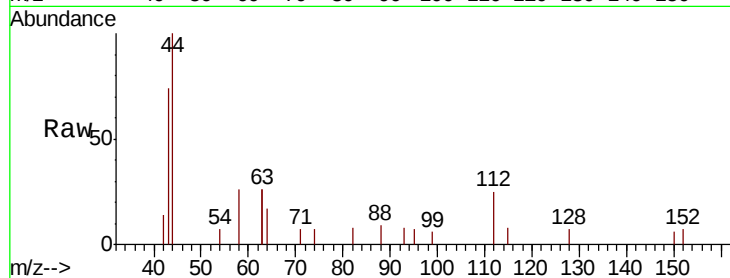
Tgt Ion: 112 Resp: 505

Ion Ratio Lower Upper

112 100

64 53.3 44.1 66.1

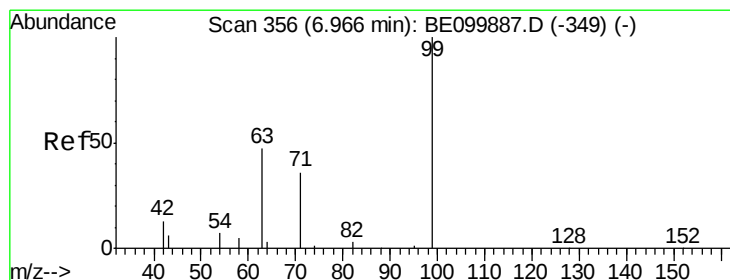
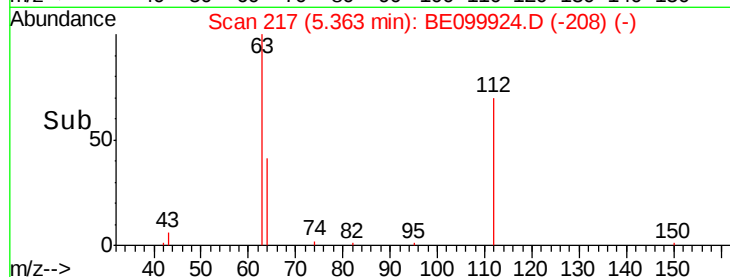
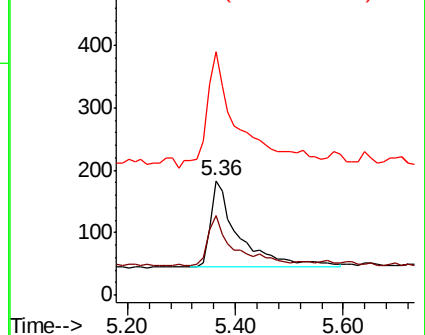
63 156.2 87.8 131.6#



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: 0.288 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

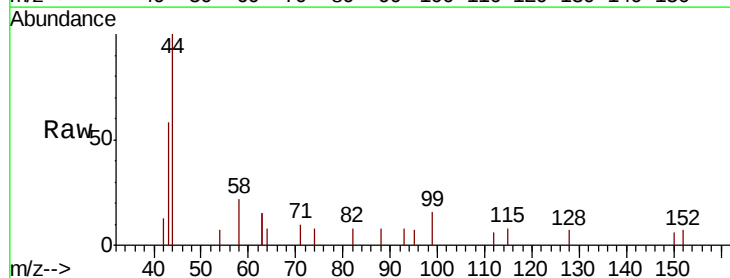
Tgt Ion: 99 Resp: 616

Ion Ratio Lower Upper

99 100

42 9.9 15.9 23.9#

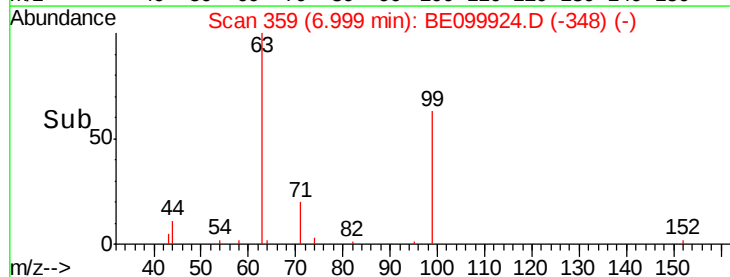
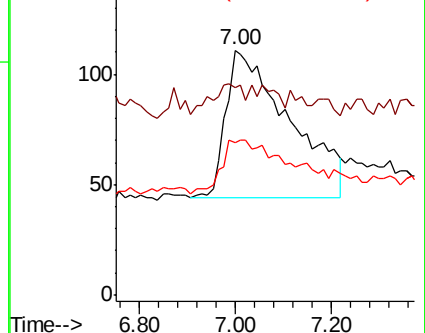
71 31.3 34.6 52.0#



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

Tgt Ion: 136 Resp: 2045

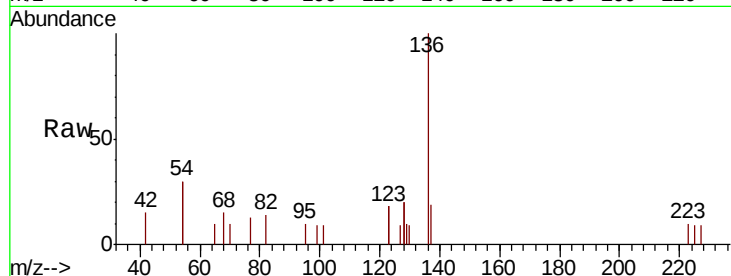
Ion Ratio Lower Upper

136 100

137 18.7 12.3 18.5#

54 59.2 28.2 42.4#

68 14.7 7.8 11.8#



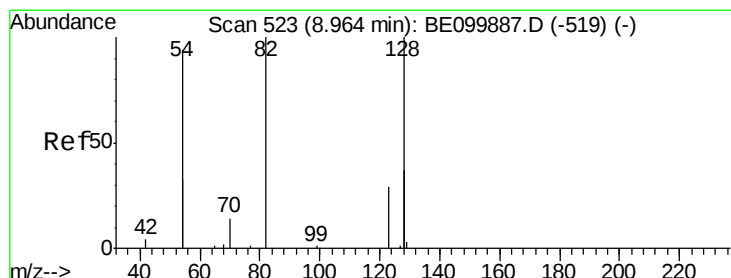
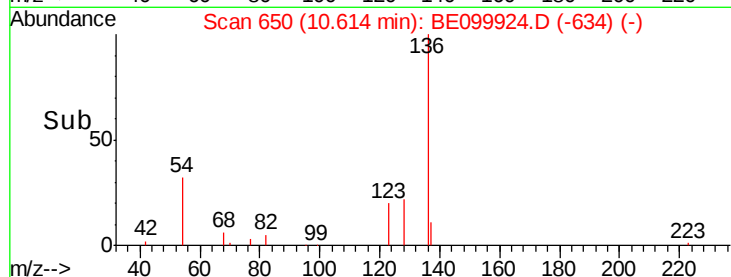
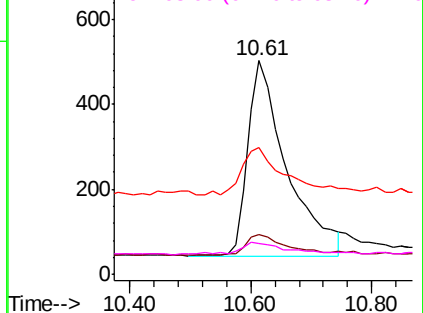
Abundance

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: 0.249 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

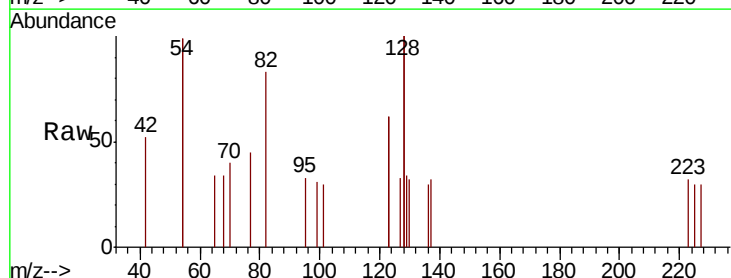
Tgt Ion: 82 Resp: 483

Ion Ratio Lower Upper

82 100

128 242.3 137.3 205.9#

54 240.7 129.7 194.5#

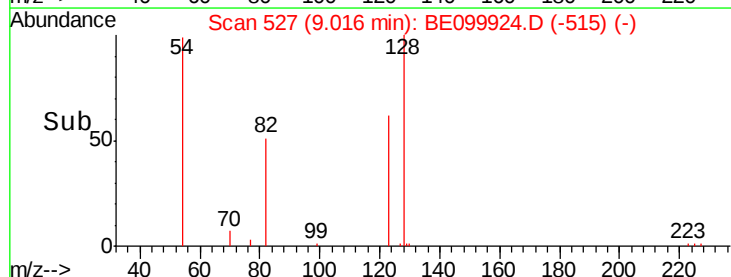
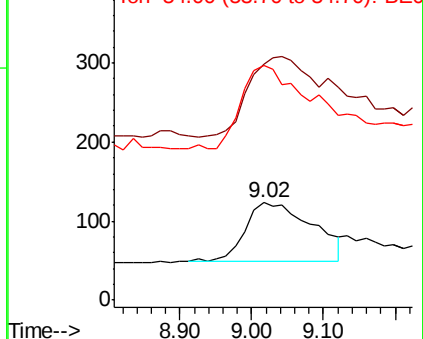


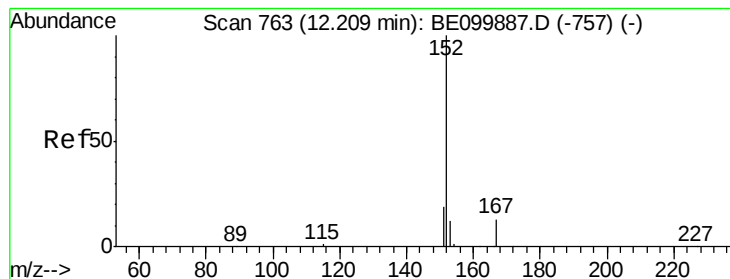
Abundance

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: 0.298 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

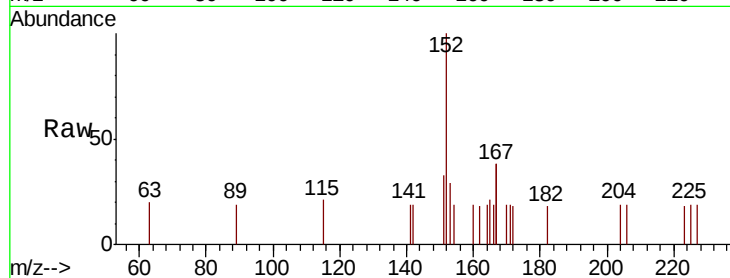
PB120465BL

Tgt Ion:152 Resp: 1061

Ion Ratio Lower Upper

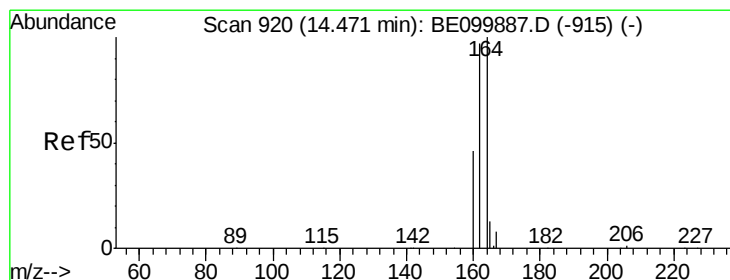
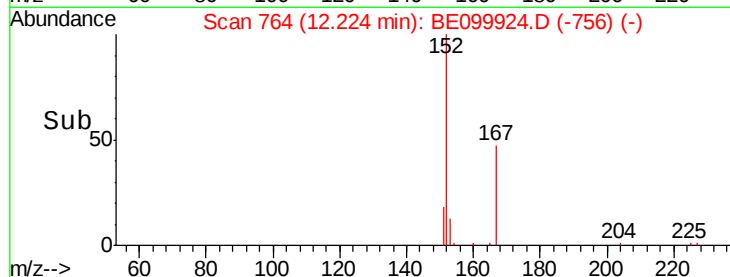
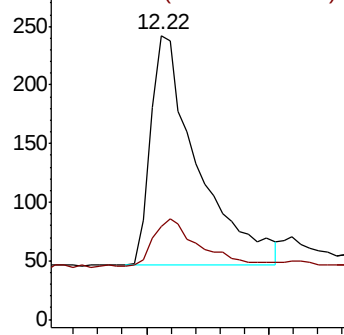
152 100

151 20.5 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: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

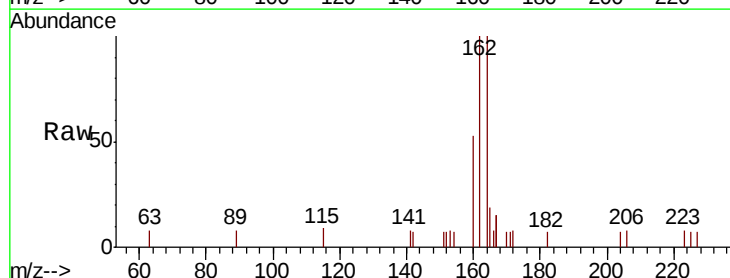
Tgt Ion:164 Resp: 1700

Ion Ratio Lower Upper

164 100

162 100.5 77.8 116.8

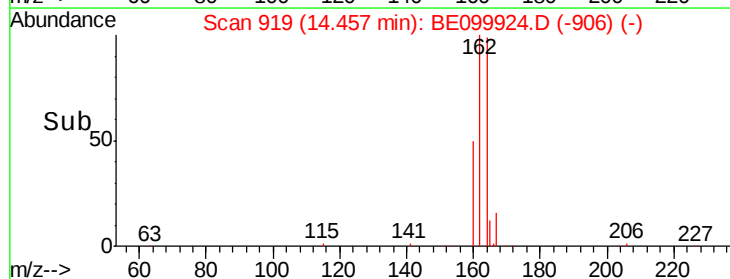
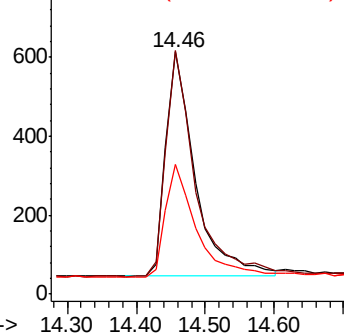
160 53.6 38.2 57.4

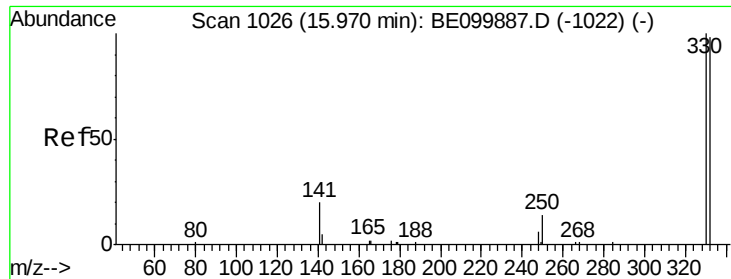


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

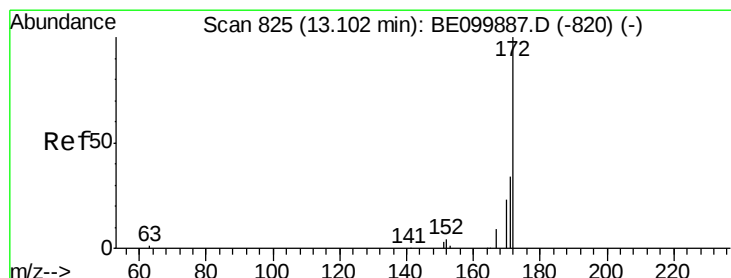
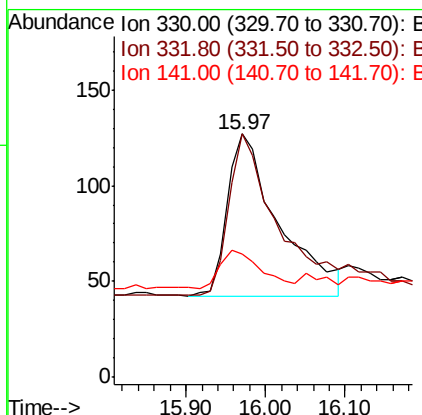
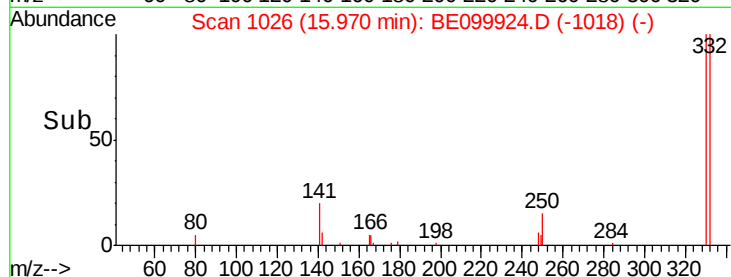
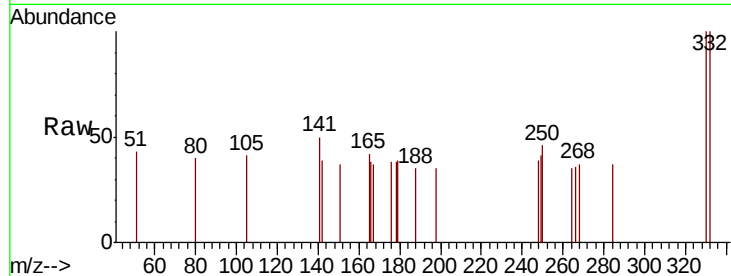




#14
 2,4,6-Tribromophenol
 Concen: 0.305 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099924.D
 Acq: 11 Jun 2019 15:08

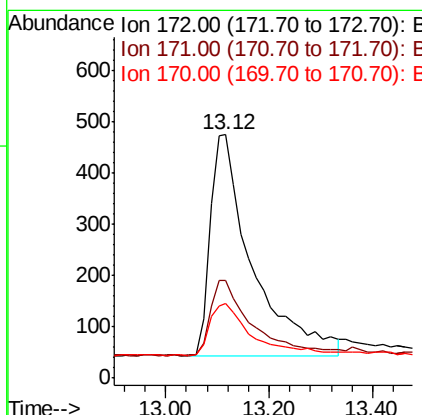
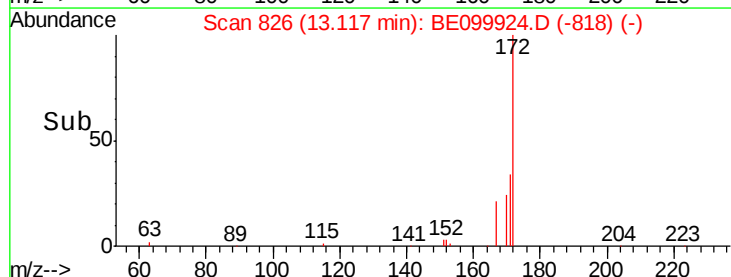
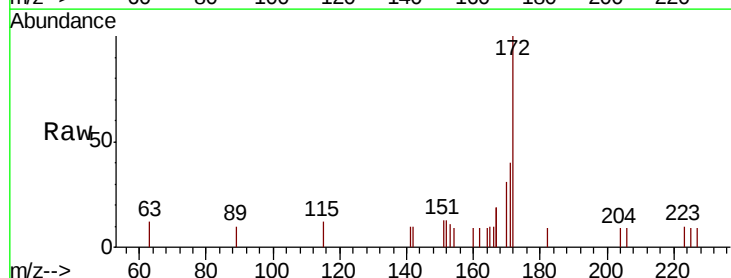
Instrument :
 BNA_E
 ClientSampleId :
 PB120465BL

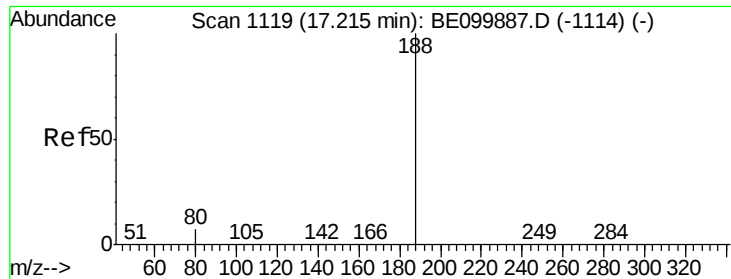
Tgt Ion: 330 Resp: 383
 Ion Ratio Lower Upper
 330 100
 332 108.4 76.7 115.1
 141 18.8 21.0 31.6#



#15
 2-Fluorobiphenyl
 Concen: 0.378 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099924.D
 Acq: 11 Jun 2019 15:08

Tgt Ion: 172 Resp: 2439
 Ion Ratio Lower Upper
 172 100
 171 40.4 29.2 43.8
 170 30.7 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

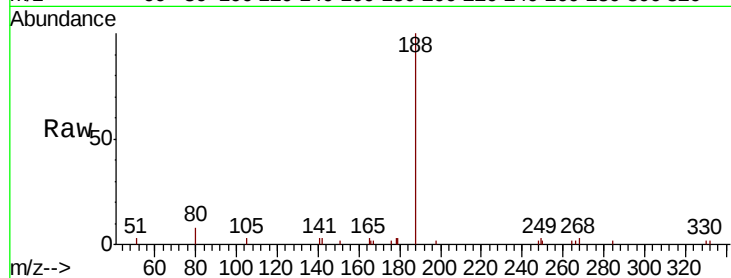
Tgt Ion:188 Resp: 6281

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

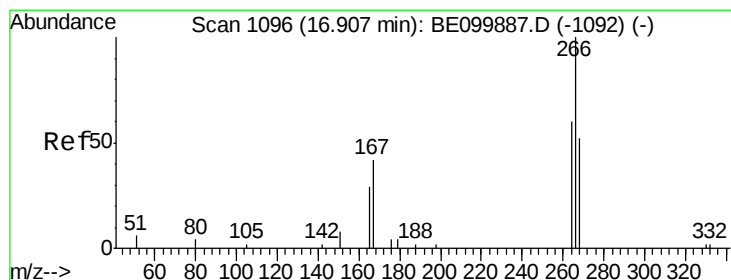
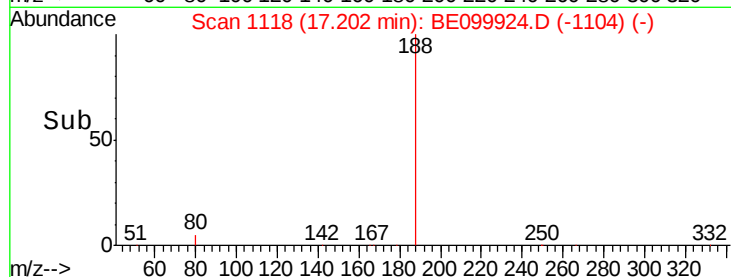
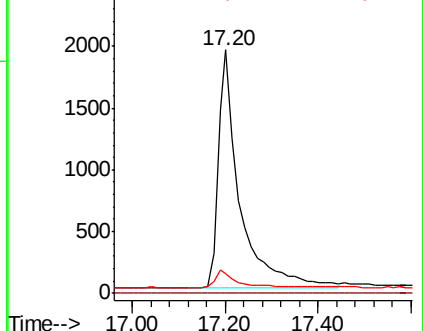
80 7.8 6.4 9.6



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: 0.303 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

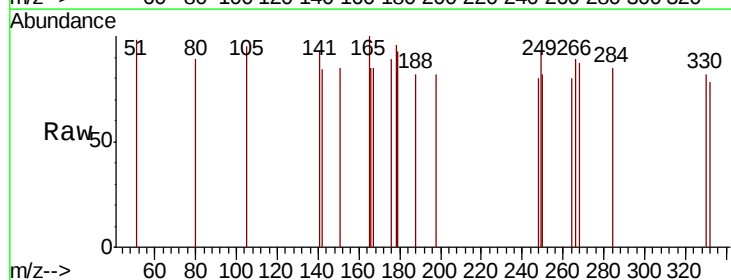
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 89.8 62.2 93.2

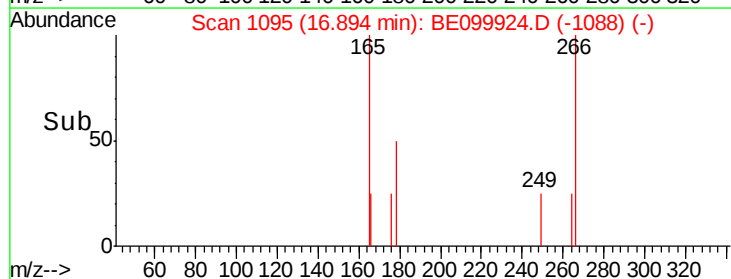
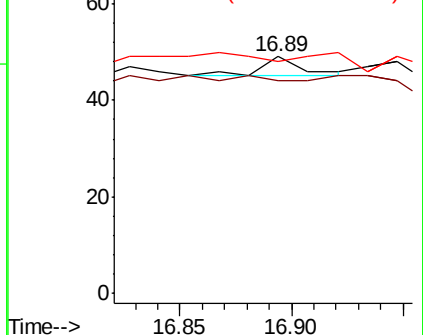
268 98.0 65.5 98.3

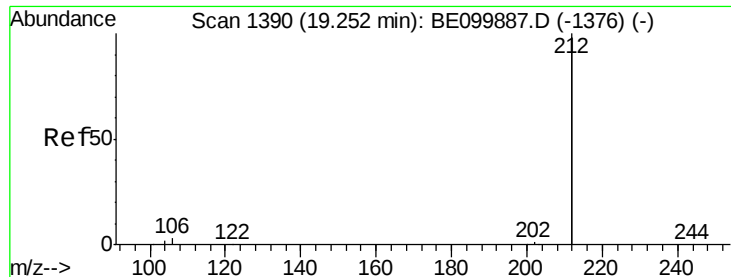


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

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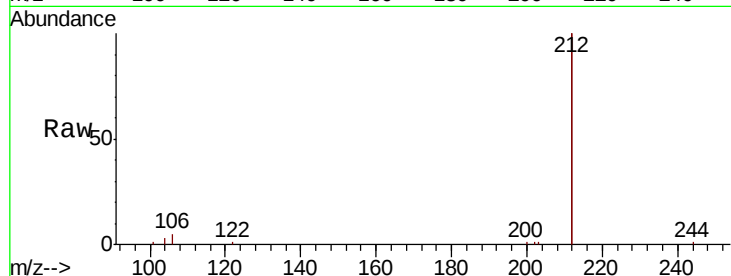
Tgt Ion:212 Resp: 28783

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

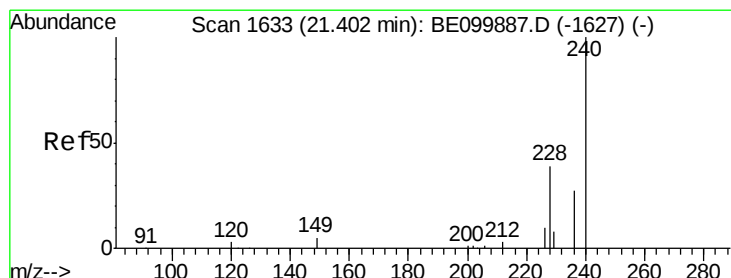
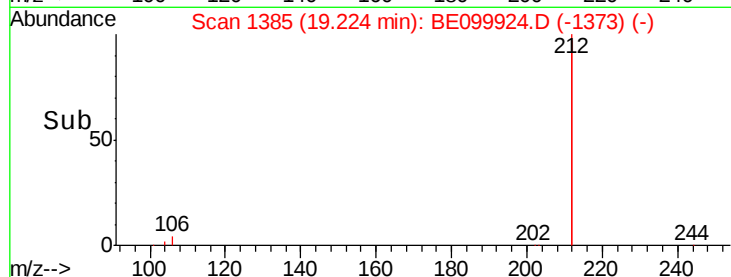
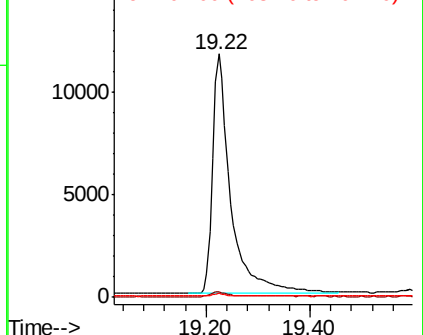
104 1.0 0.9 1.3



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: 21.37 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

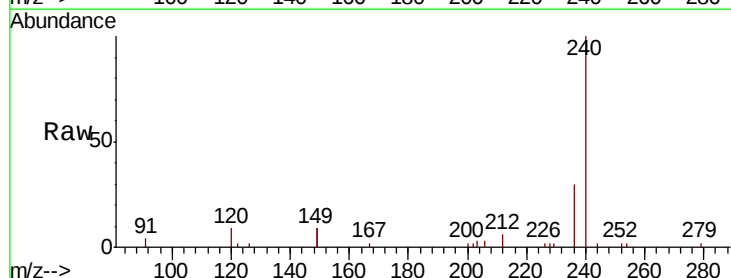
Tgt Ion:240 Resp: 8565

Ion Ratio Lower Upper

240 100

120 8.8 3.8 5.6#

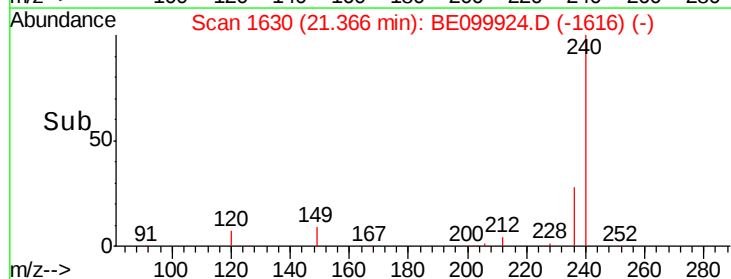
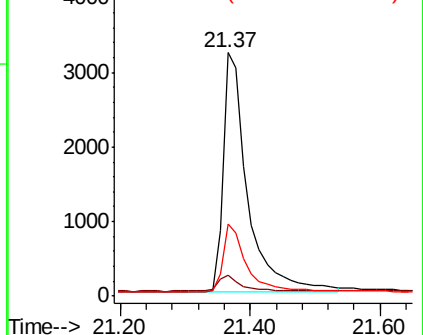
236 29.6 22.0 33.0

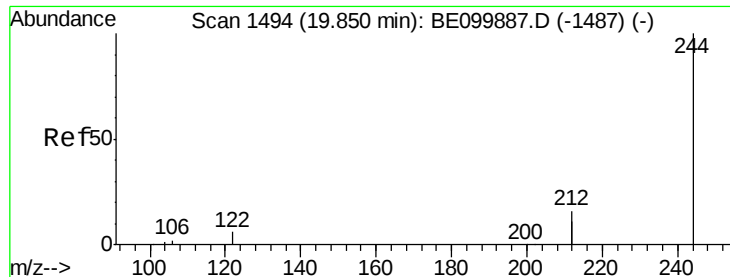


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.557 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

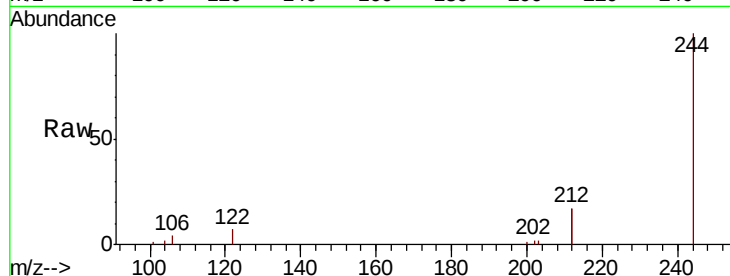
Tgt Ion:244 Resp: 8586

Ion Ratio Lower Upper

244 100

212 33.6 25.7 38.5

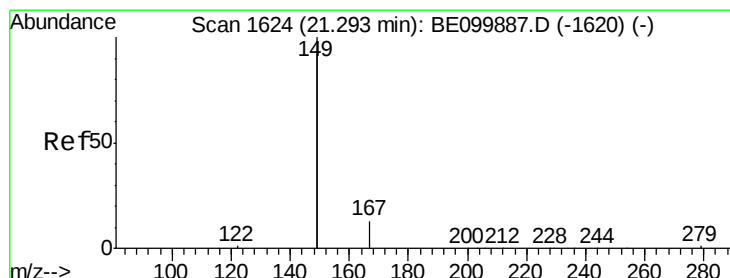
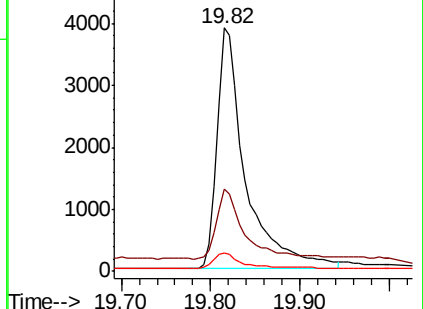
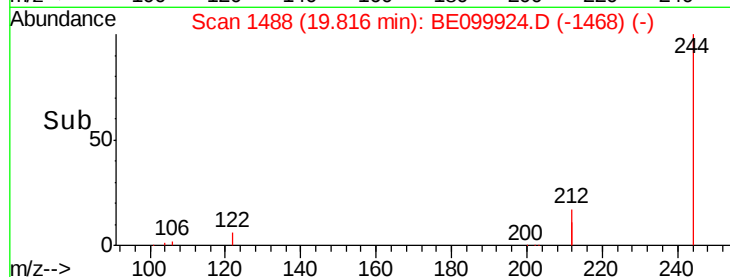
122 7.4 5.5 8.3



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: 0.022 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

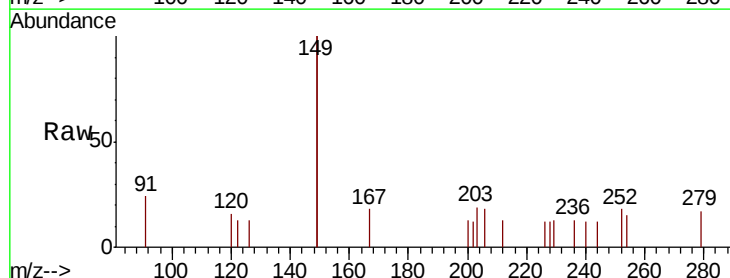
Tgt Ion:149 Resp: 814

Ion Ratio Lower Upper

149 100

167 5.4 5.9 8.9#

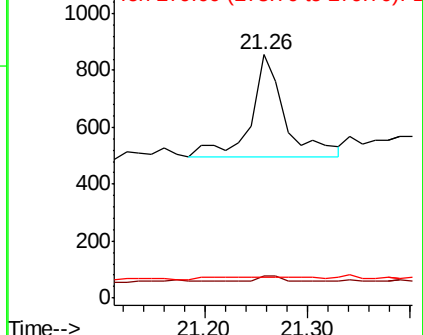
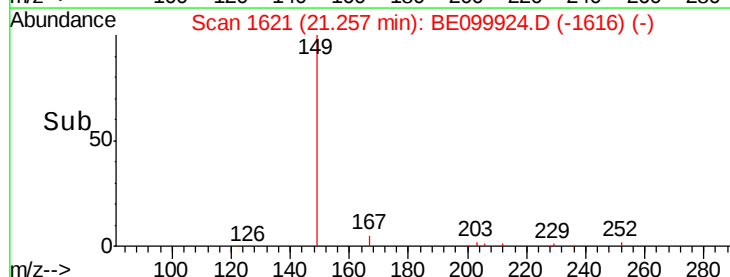
279 0.0 1.2 1.8#

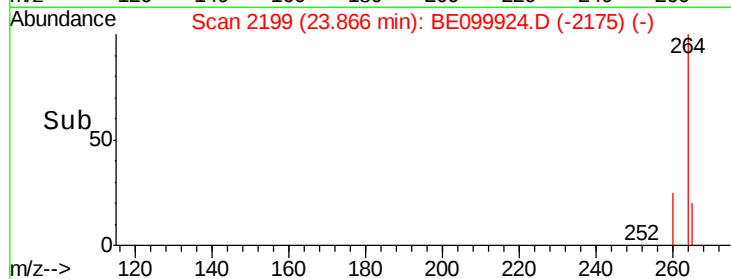
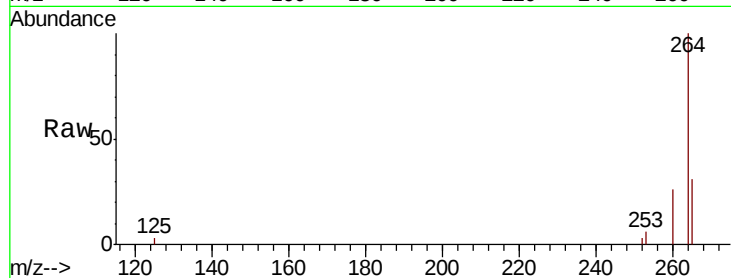


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.87 min Scan# 2199

Delta R.T. -0.06 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

Tgt Ion: 264 Resp: 10177

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 31.4 22.0 33.0

