

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099987.D
 Acq On : 13 Jun 2019 13:33
 Operator : JU/SJ
 Sample : K3270-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EQUIPMENT-BLANK

Quant Time: Jun 14 03:24:11 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	669	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2444	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2022	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6777	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9313	0.40	ng	0.00
34) Perylene-d12	23.93	264	10783	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	225	0.12	ng	0.00
5) Phenol-d6	6.96	99	171	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	761	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1176	0.28	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	26	0.02	ng	0.03
15) 2-Fluorobiphenyl	13.10	172	3691	0.48	ng	0.00
25) Fluoranthene-d10	19.25	212	28316	0.29	ng	0.00
29) Terphenyl-d14	19.84	244	9632	0.57	ng	0.00

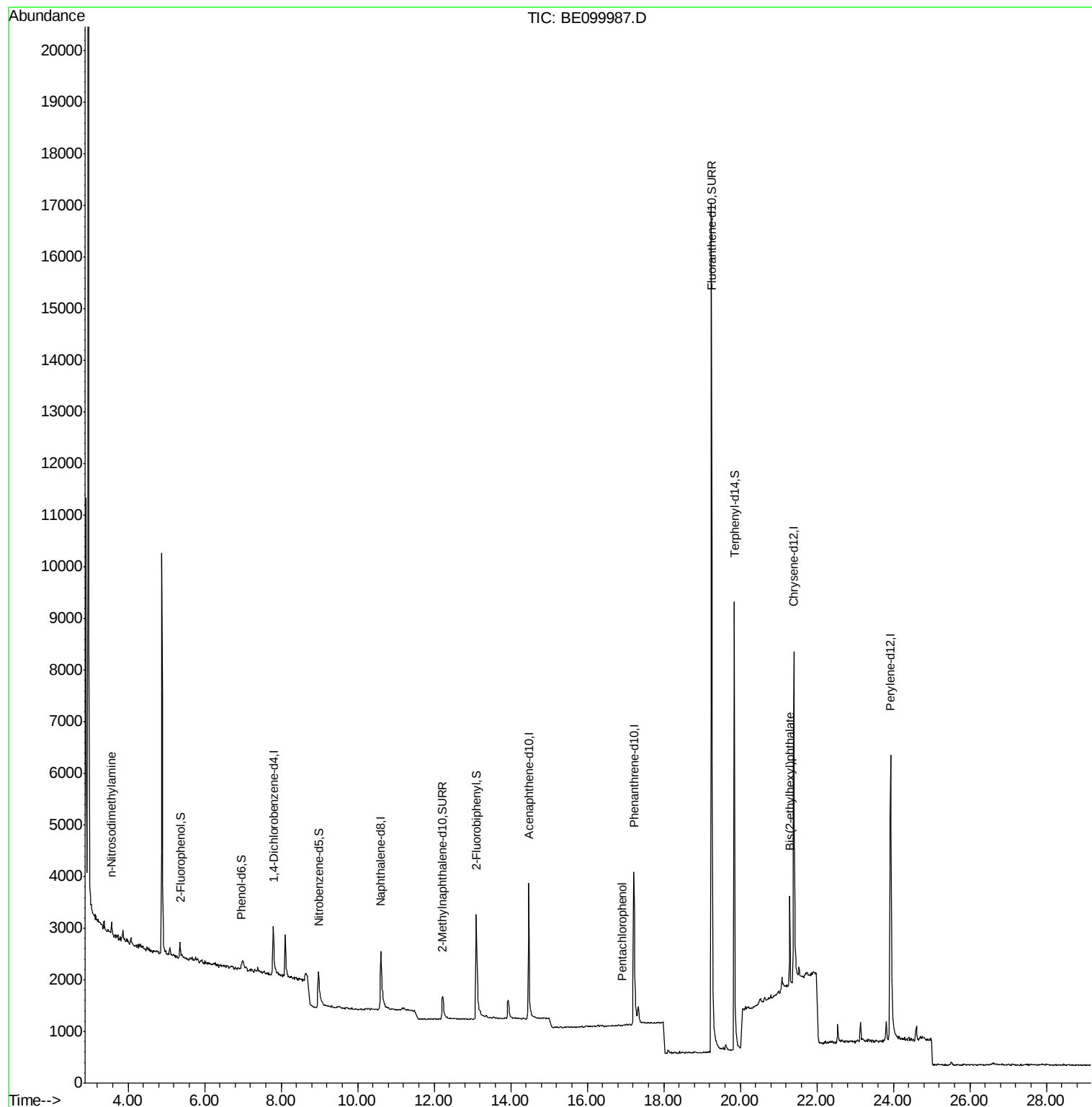
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.57	42	38	0.067	ng	# 100
22) Pentachlorophenol	16.92	266	3	0.301	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	2021	0.051	ng	# 99

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

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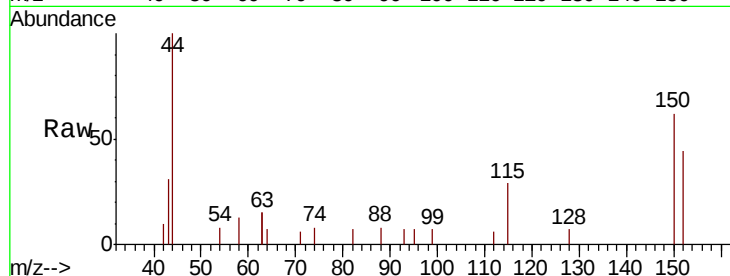


#1

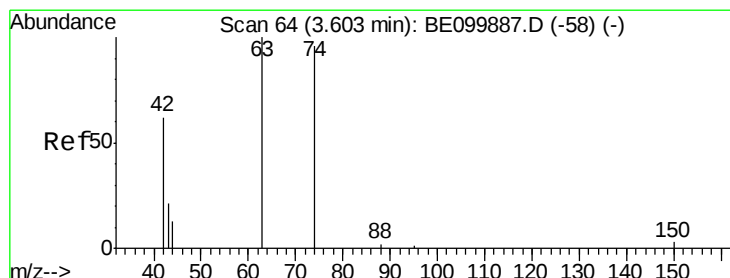
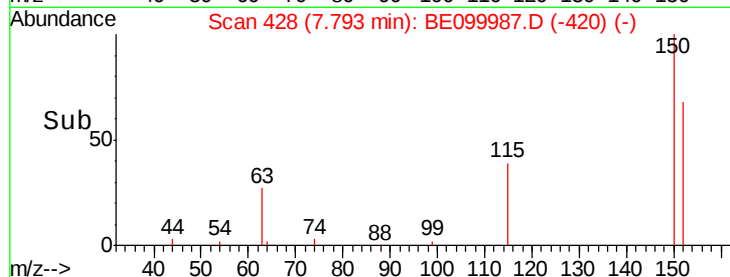
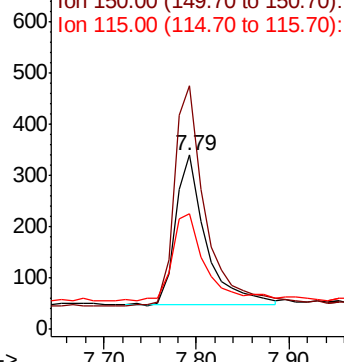
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE099887.D
 Acq: 13 Jun 2019 13:33

Instrument :
 BNA_E
 ClientSampleId :
 EQUIPMENT-BLANK

Tgt Ion: 152 Resp: 669
 Ion Ratio Lower Upper
 152 100
 150 139.7 111.0 166.6
 115 66.5 50.7 76.1



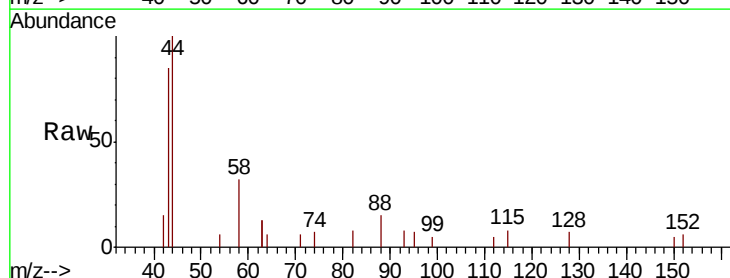
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



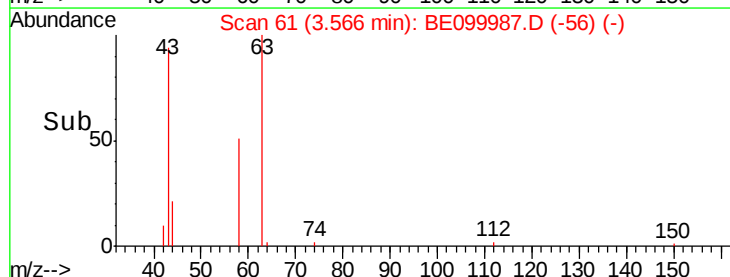
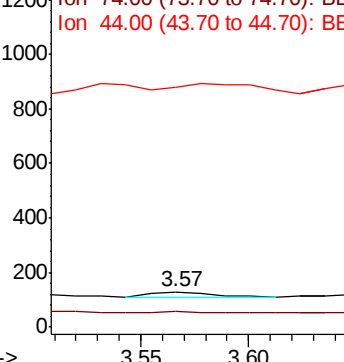
#3

n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.57 min Scan# 61
 Delta R.T. -0.04 min
 Lab File: BE099887.D
 Acq: 13 Jun 2019 13:33

Tgt Ion: 42 Resp: 38
 Ion Ratio Lower Upper
 42 100
 74 26.3 0.0 0.0#
 44 244.7 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: 0.125 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099987.D

Acq: 13 Jun 2019 13:33

Instrument :

BNA_E

ClientSampleId :

EQUIPMENT-BLANK

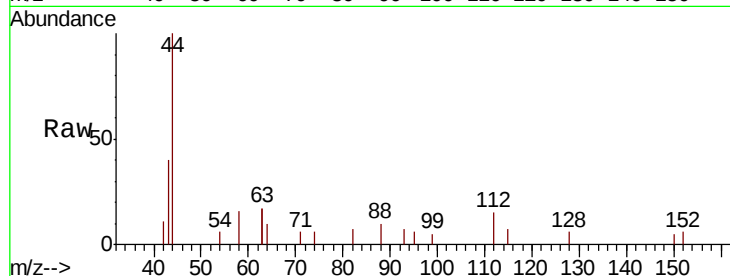
Tgt Ion: 112 Resp: 225

Ion Ratio Lower Upper

112 100

64 57.8 44.1 66.1

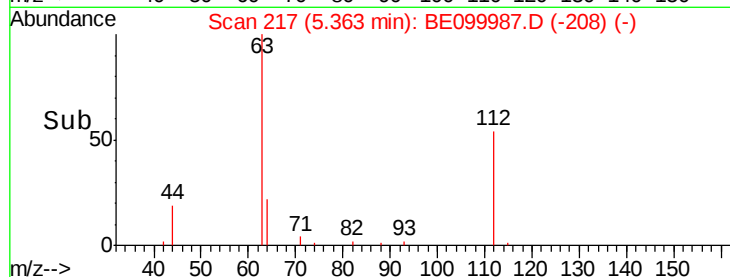
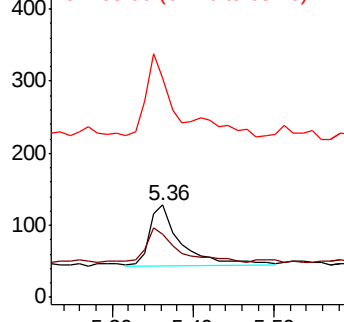
63 99.1 87.8 131.6



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: 0.074 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099987.D

Acq: 13 Jun 2019 13:33

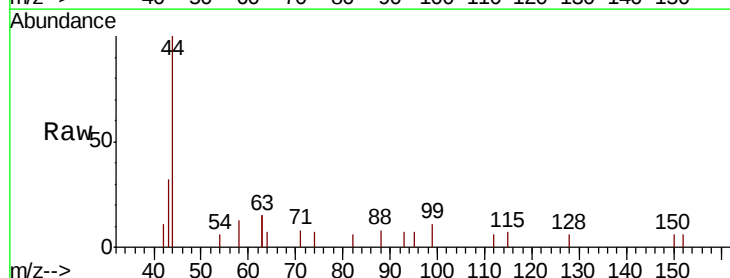
Tgt Ion: 99 Resp: 171

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

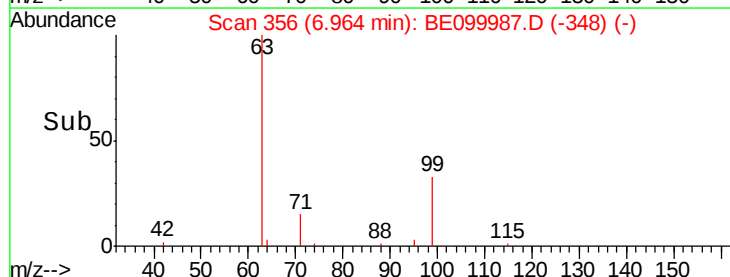
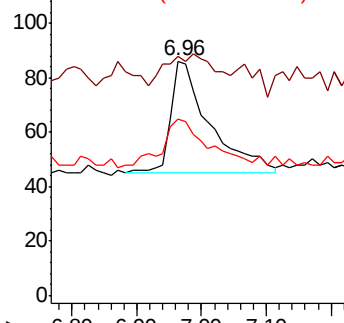
71 43.9 34.6 52.0



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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

Instrument :

BNA_E

ClientSampleId :

EQUIPMENT-BLANK

Tgt Ion: 136 Resp: 2444

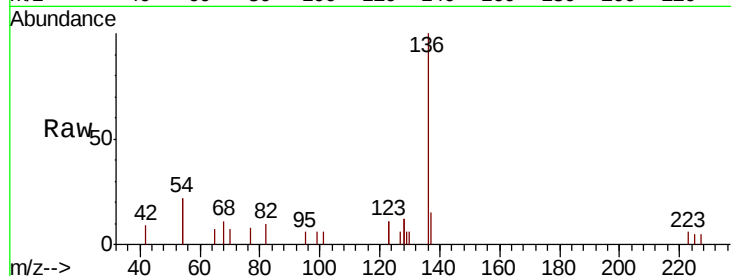
Ion Ratio Lower Upper

136 100

137 14.8 12.3 18.5

54 43.1 28.2 42.4#

68 11.5 7.8 11.8

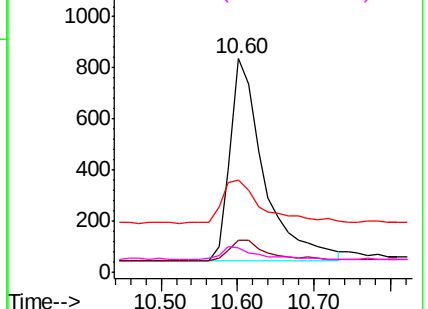
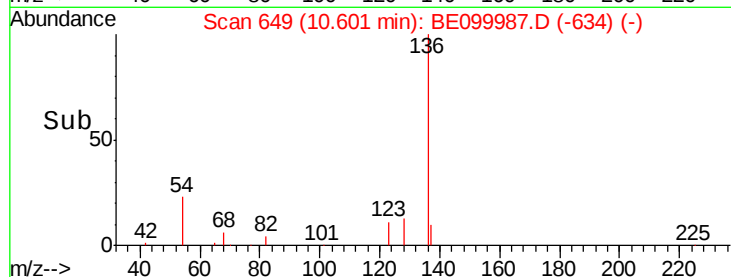


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

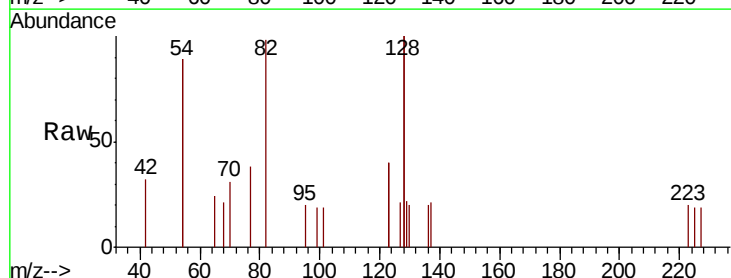
Tgt Ion: 82 Resp: 761

Ion Ratio Lower Upper

82 100

128 203.5 137.3 205.9

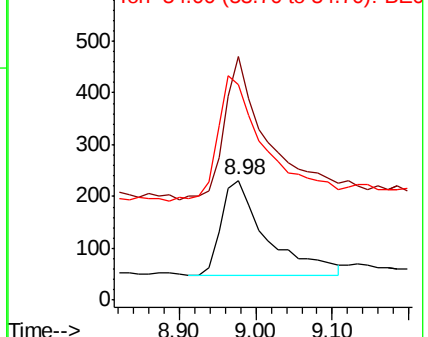
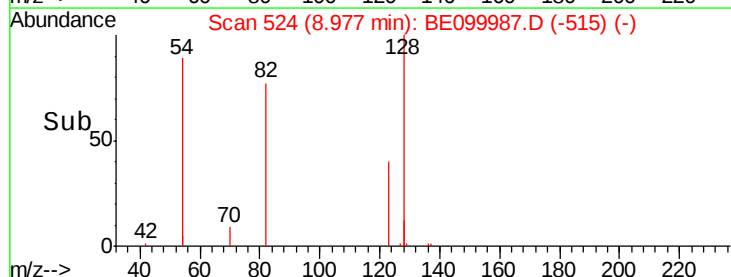
54 180.1 129.7 194.5

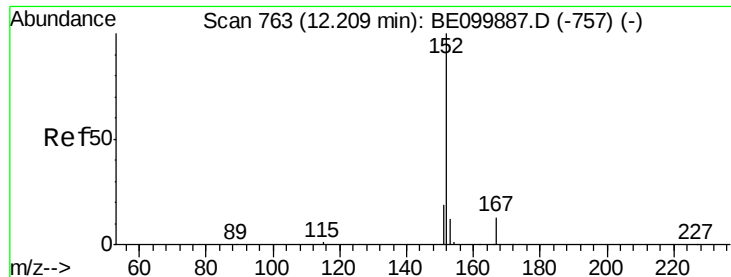


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

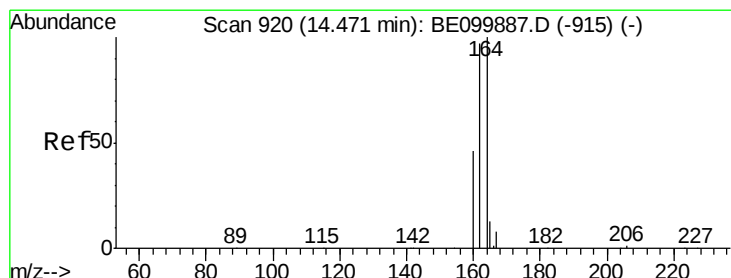
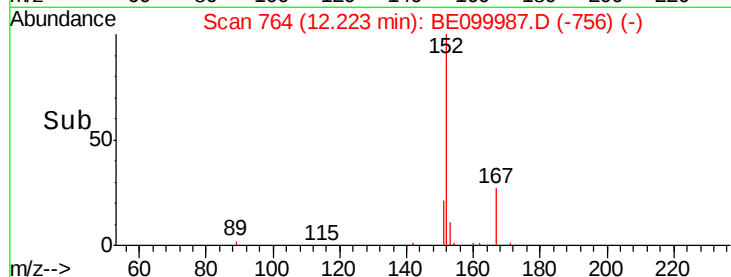
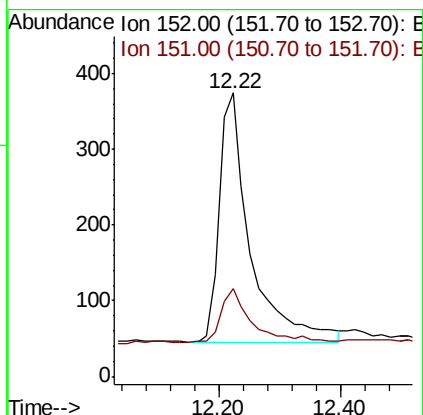
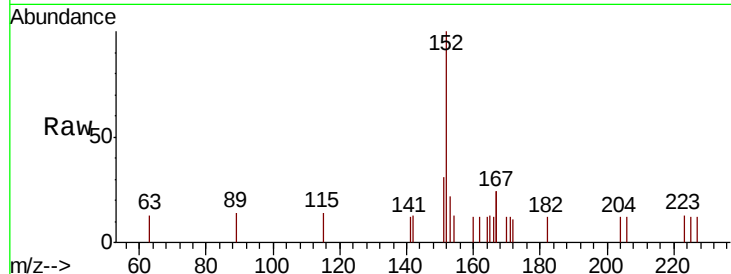




#11
 2-Methylnaphthalene-d10
 Concen: 0.276 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE099887.D
 Acq: 13 Jun 2019 13:33

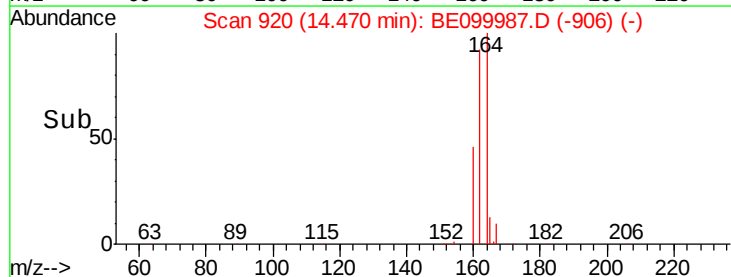
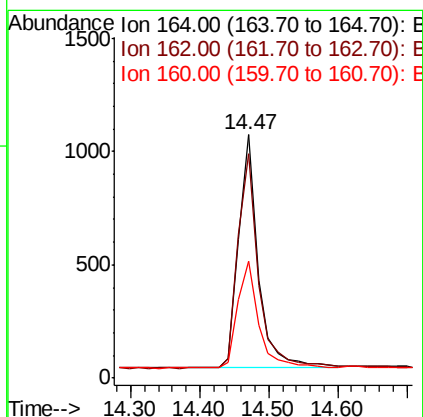
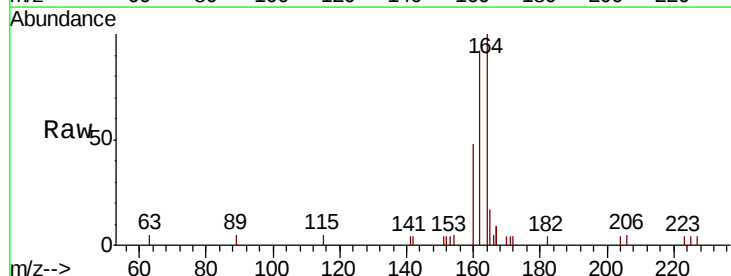
Instrument :
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 ClientSampleId :
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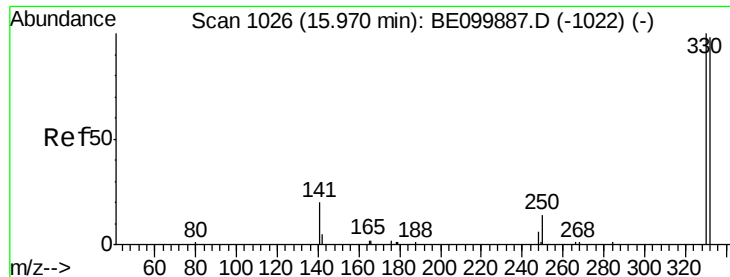
Tgt Ion:152 Resp: 1176
 Ion Ratio Lower Upper
 152 100
 151 21.2 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099887.D
 Acq: 13 Jun 2019 13:33

Tgt Ion:164 Resp: 2022
 Ion Ratio Lower Upper
 164 100
 162 92.2 77.8 116.8
 160 48.3 38.2 57.4

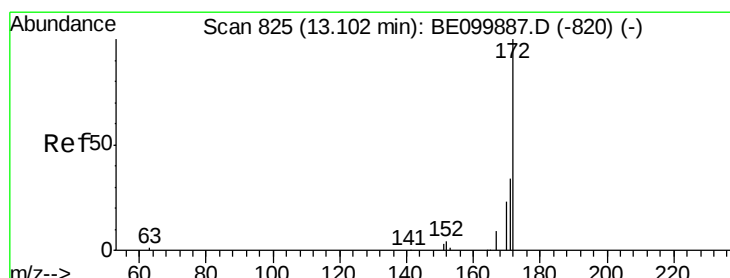
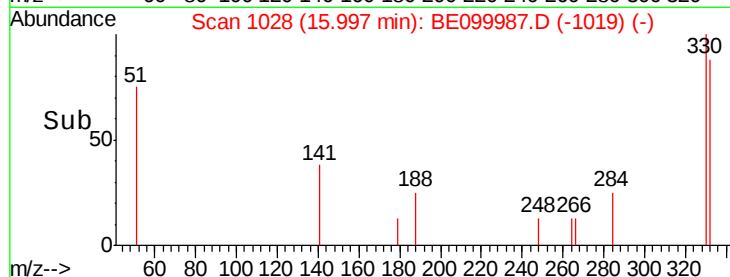
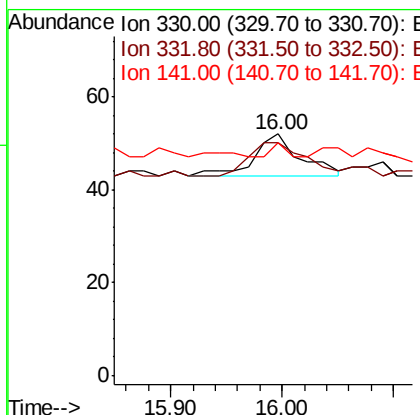
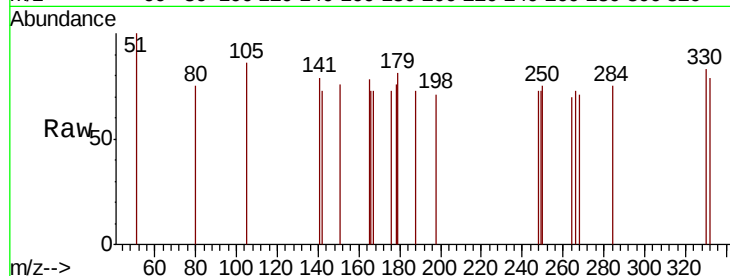




#14
 2,4,6-Tribromophenol
 Concen: 0.017 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE099887.D
 Acq: 13 Jun 2019 13:33

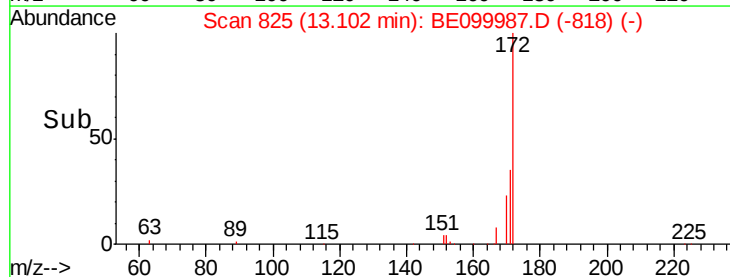
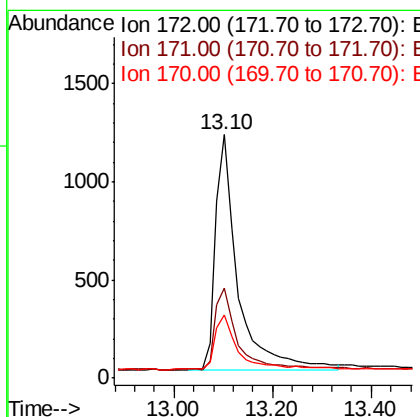
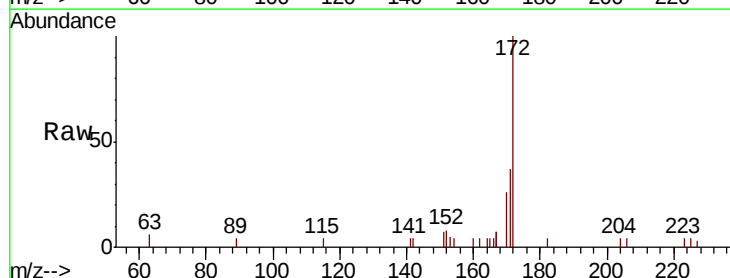
Instrument :
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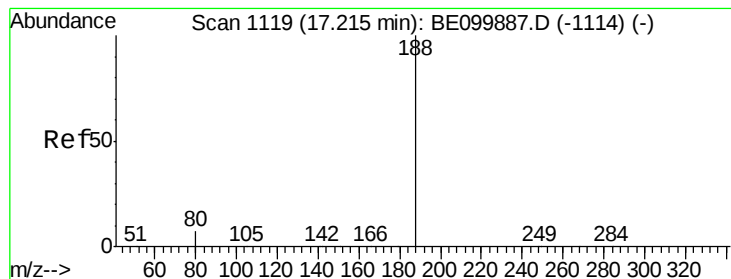
Tgt Ion: 330 Resp: 26
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 7.7 21.0 31.6#



#15
 2-Fluorobiphenyl
 Concen: 0.481 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099887.D
 Acq: 13 Jun 2019 13:33

Tgt Ion: 172 Resp: 3691
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.2 43.8
 170 26.1 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

Instrument :

BNA_E

ClientSampleId :

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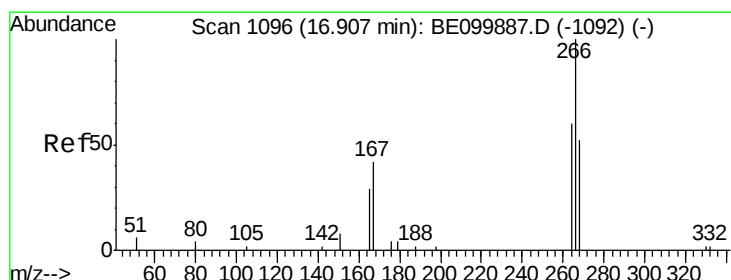
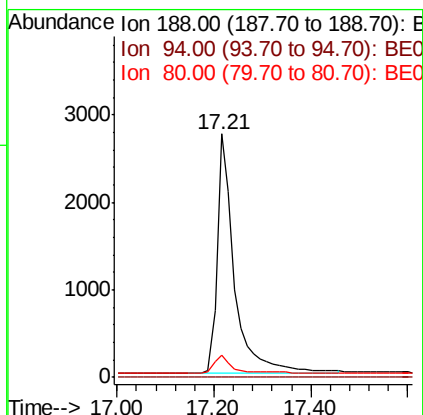
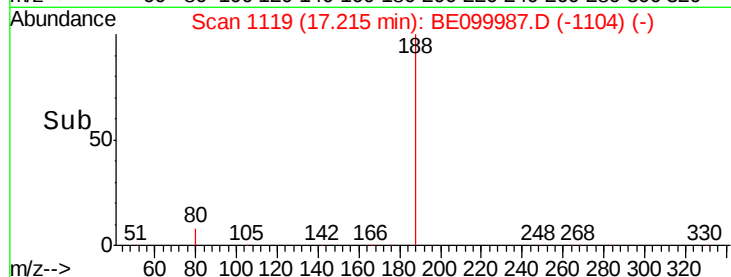
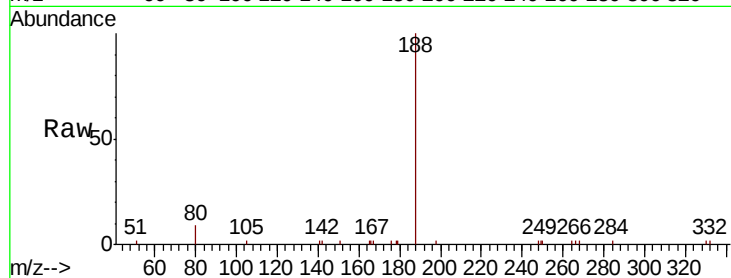
Tgt Ion:188 Resp: 6777

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 6.4 9.6



#22

Pentachlorophenol

Concen: 0.301 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

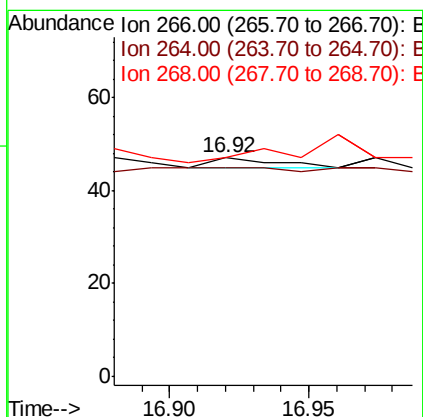
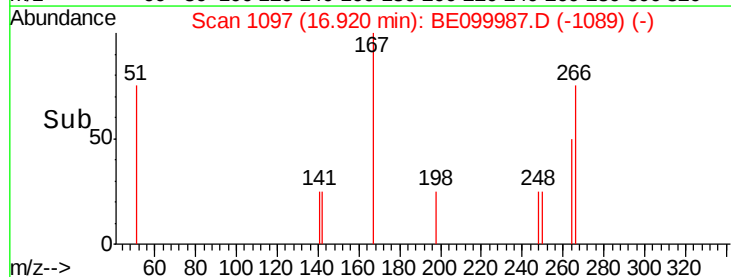
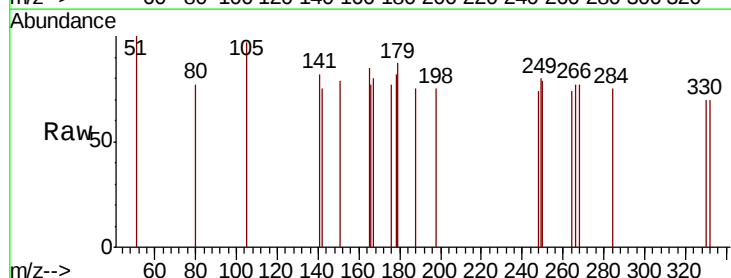
Tgt Ion:266 Resp: 3

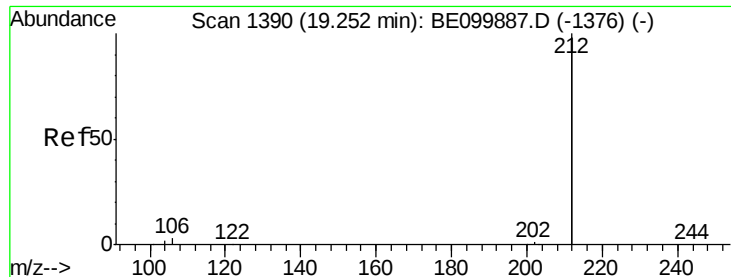
Ion Ratio Lower Upper

266 100

264 95.7 62.2 93.2#

268 100.0 65.5 98.3#





#25

Fluoranthene-d10

Concen: 0.287 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

Instrument :

BNA_E

ClientSampleId :

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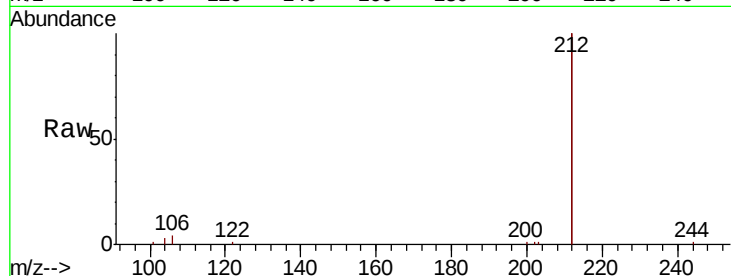
Tgt Ion:212 Resp: 28316

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

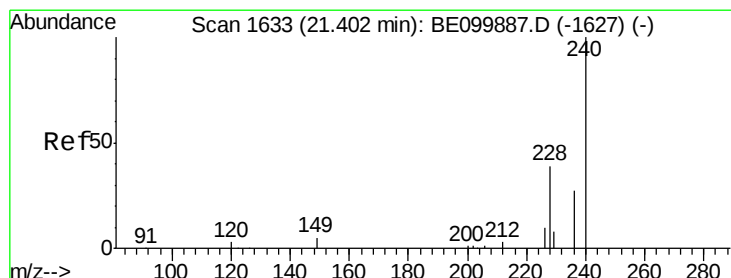
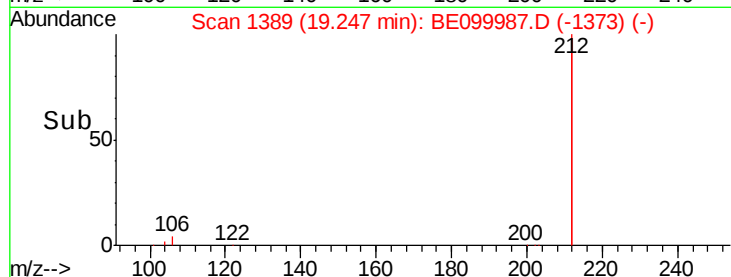
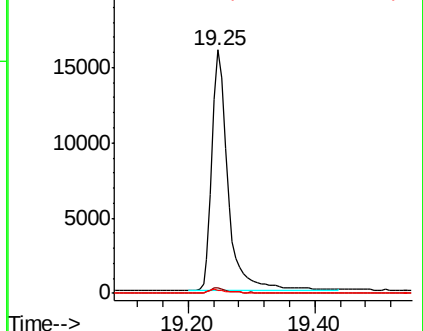
104 1.0 0.9 1.3



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: BE099887.D

Acq: 13 Jun 2019 13:33

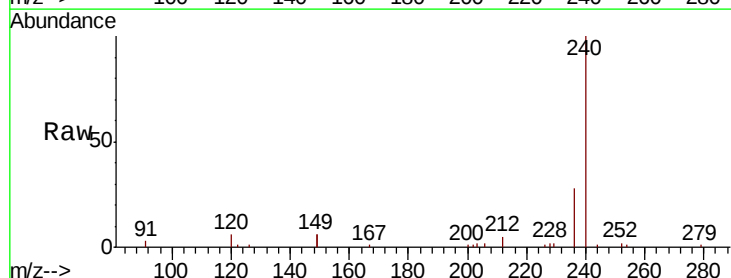
Tgt Ion:240 Resp: 9313

Ion Ratio Lower Upper

240 100

120 5.7 3.8 5.6#

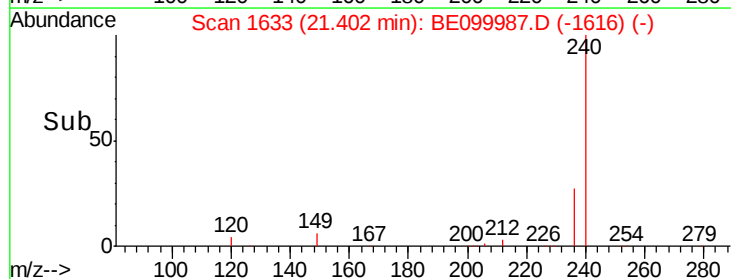
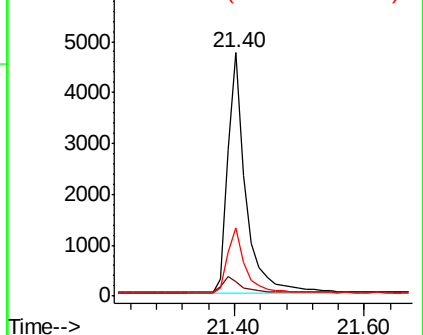
236 28.0 22.0 33.0

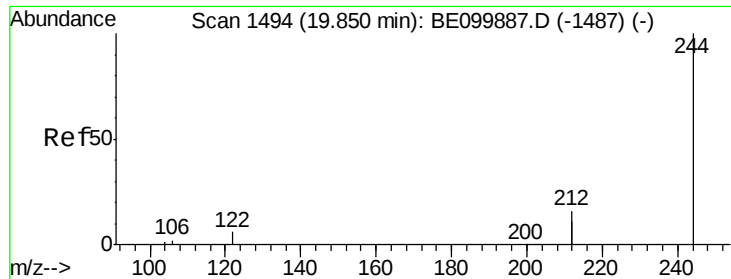


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.575 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

Instrument :

BNA_E

ClientSampleId :

EQUIPMENT-BLANK

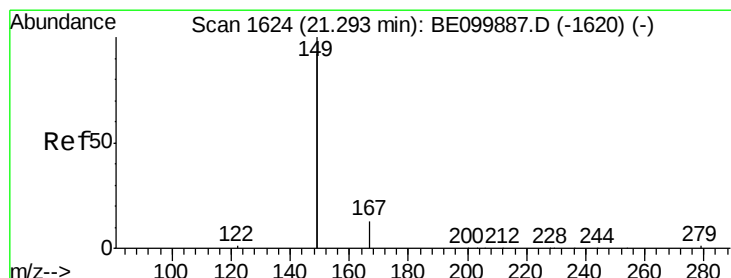
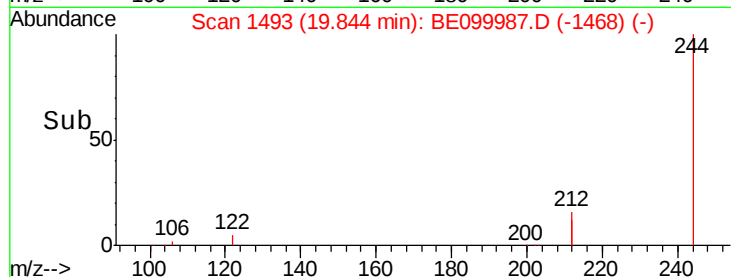
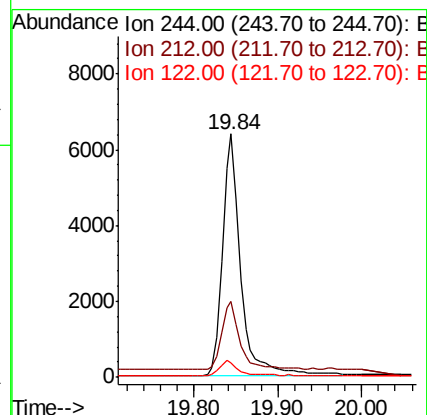
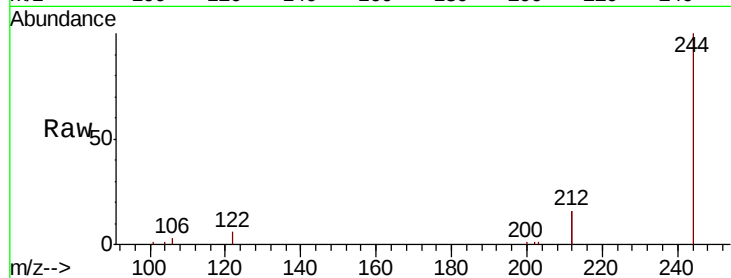
Tgt Ion:244 Resp: 9632

Ion Ratio Lower Upper

244 100

212 31.0 25.7 38.5

122 6.1 5.5 8.3



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

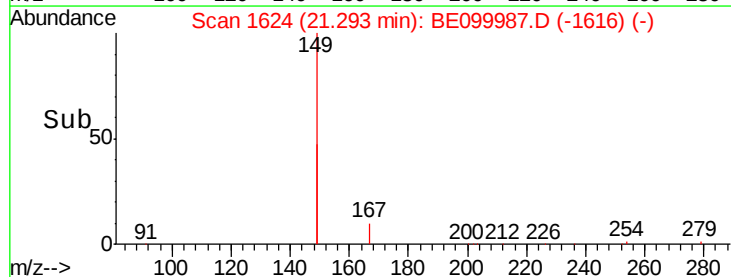
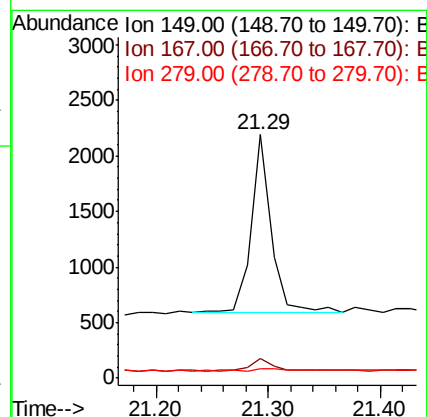
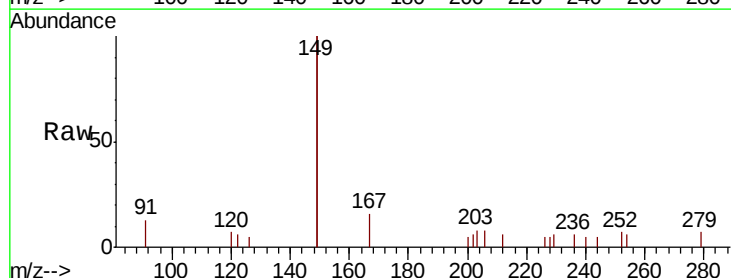
Tgt Ion:149 Resp: 2021

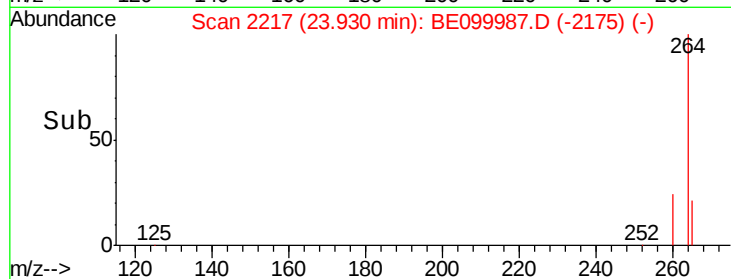
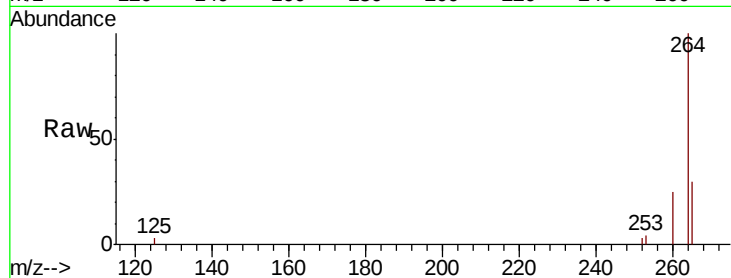
Ion Ratio Lower Upper

149 100

167 7.8 5.9 8.9

279 1.9 1.2 1.8#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE099887.D

Acq: 13 Jun 2019 13:33

Instrument :

BNA_E

ClientSampleId :

EQUIPMENT-BLANK

Tgt Ion:264 Resp: 10783

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 30.4 22.0 33.0

