

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099899.D
 Acq On : 10 Jun 2019 20:31
 Operator : JU/SJ
 Sample : K3257-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D3-20190606

Quant Time: Jun 11 07:28:52 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

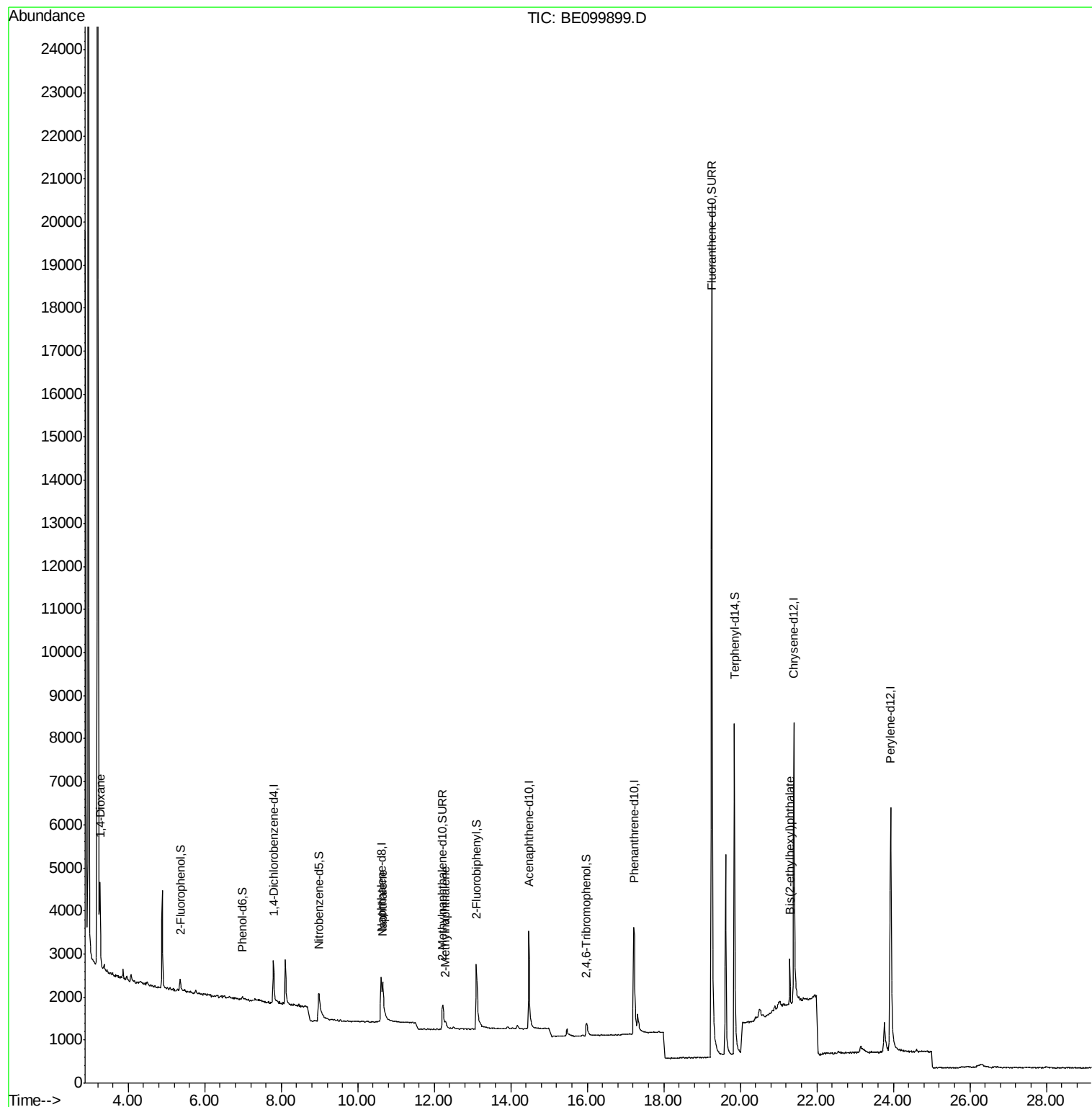
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	688	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	2369	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1942	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5768	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9455	0.40	ng	0.00
34) Perylene-d12	23.93	264	11006	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	291	0.16	ng	0.00
5) Phenol-d6	6.99	99	198	0.08	ng	0.02
8) Nitrobenzene-d5	8.99	82	802	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1551	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	401	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2933	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	36044	0.43	ng	0.00
29) Terphenyl-d14	19.84	244	9407	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	1395	1.370	ng	Qvalue # 90
9) Naphthalene	10.65	128	2103	0.082	ng	# 88
12) 2-Methylnaphthalene	12.30	142	110	0.026	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.29	149	1304	0.032	ng	100

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

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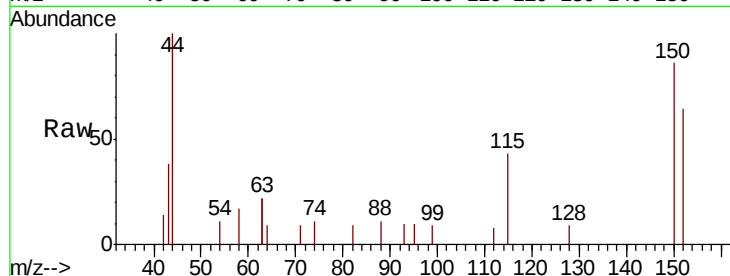


#1

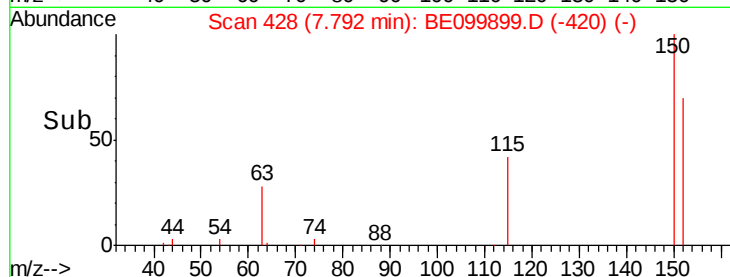
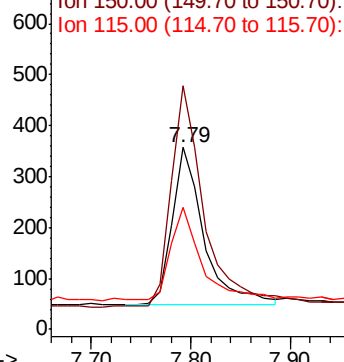
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tot Ion:152 Resp: 688
Ion Ratio Lower Upper
152 100
150 133.9 111.0 166.6
115 67.2 50.7 76.1



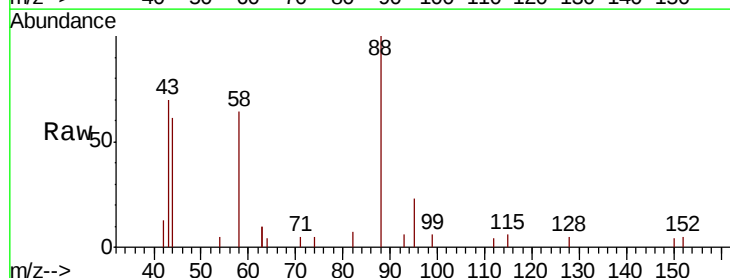
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



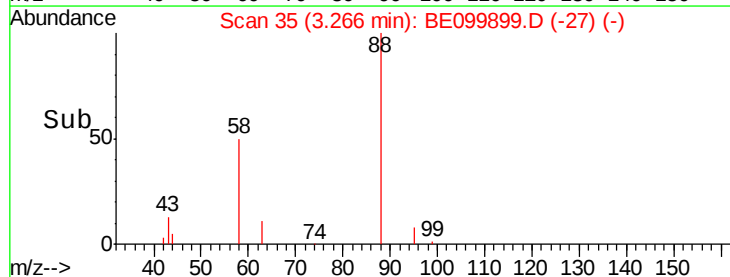
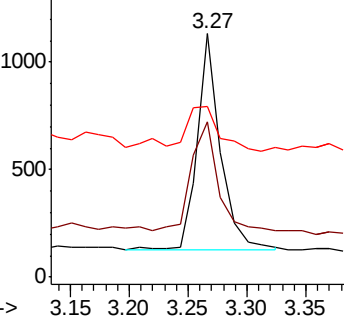
#2

1,4-Dioxane
Concen: 1.370 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion: 88 Resp: 1395
Ion Ratio Lower Upper
88 100
58 55.1 48.8 73.2
43 31.1 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: 0.157 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190606

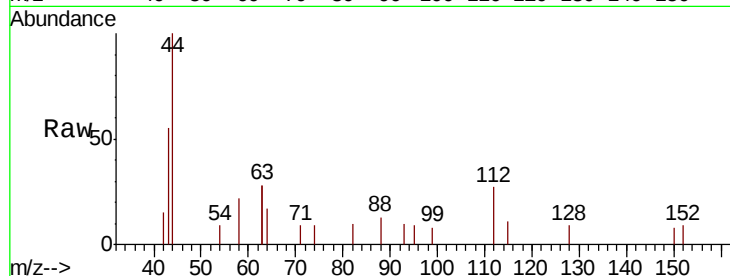
Tot Ion: 112 Resp: 291

Ion Ratio Lower Upper

112 100

64 50.2 44.1 66.1

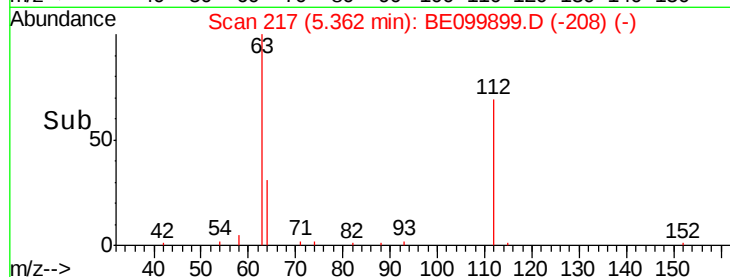
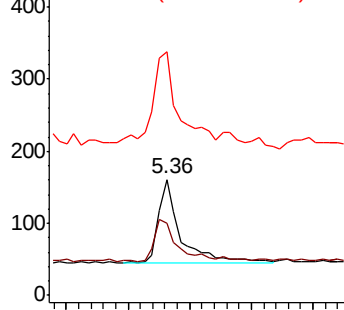
63 116.5 87.8 131.6



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: 0.083 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

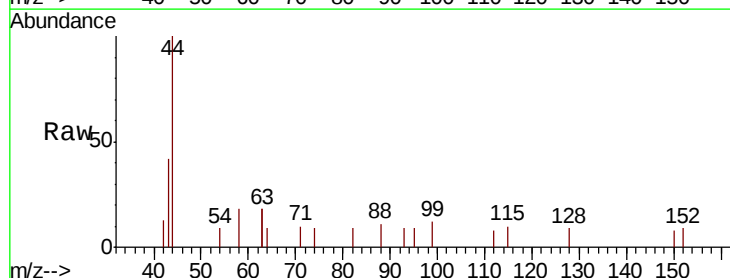
Tgt Ion: 99 Resp: 198

Ion Ratio Lower Upper

99 100

42 25.8 15.9 23.9#

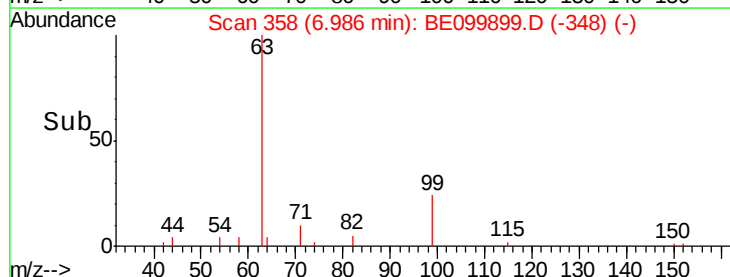
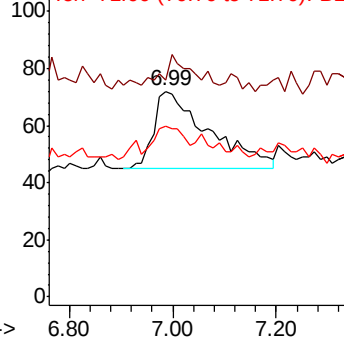
71 18.7 34.6 52.0#



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: 10.62 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190606

Tot Ion:136 Resp: 2369

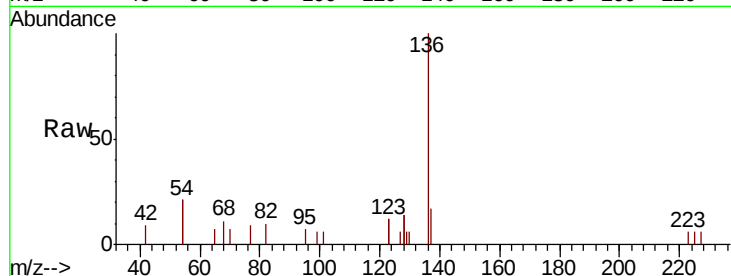
Ion Ratio Lower Upper

136 100

137 17.0 12.3 18.5

54 41.4 28.2 42.4

68 10.9 7.8 11.8

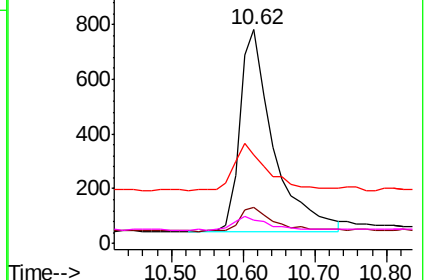
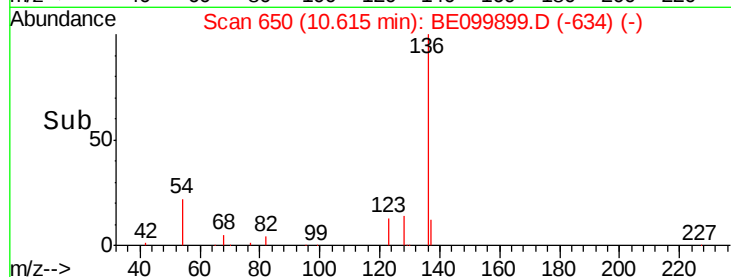


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

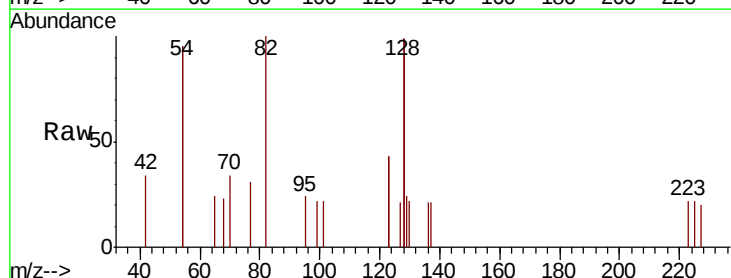
Tgt Ion: 82 Resp: 802

Ion Ratio Lower Upper

82 100

128 197.2 137.3 205.9

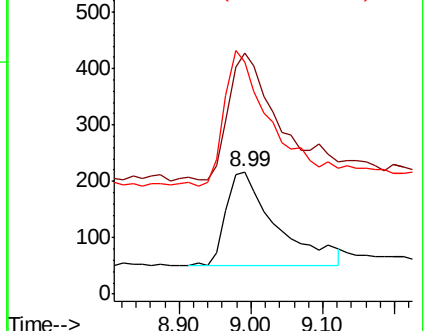
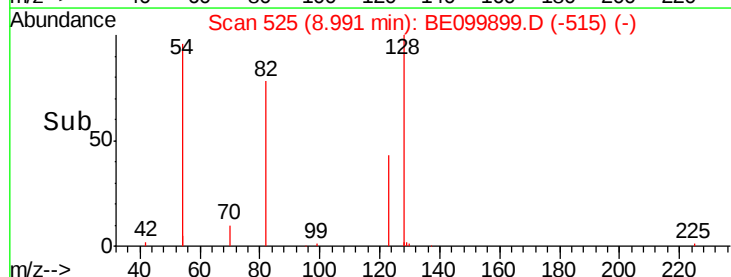
54 189.9 129.7 194.5

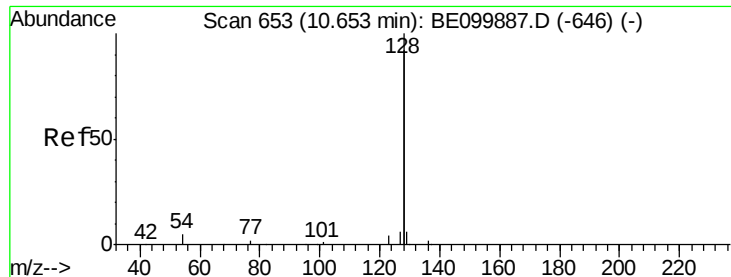


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.082 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190606

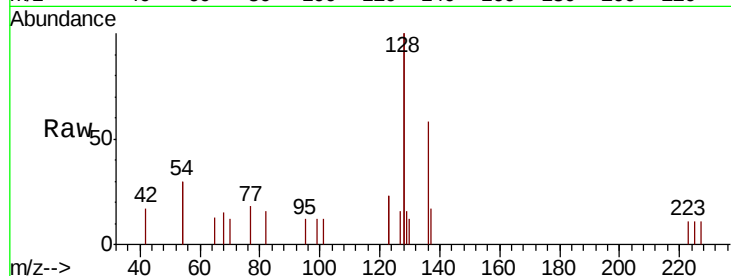
Tot Ion:128 Resp: 2103

Ion Ratio Lower Upper

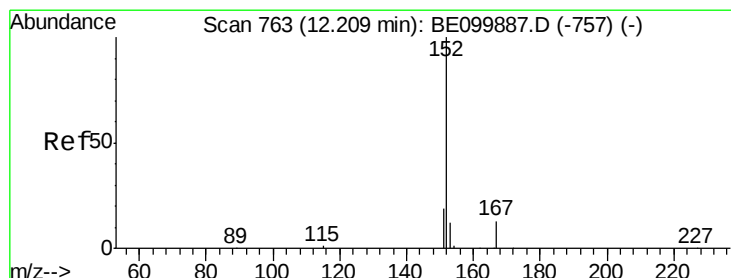
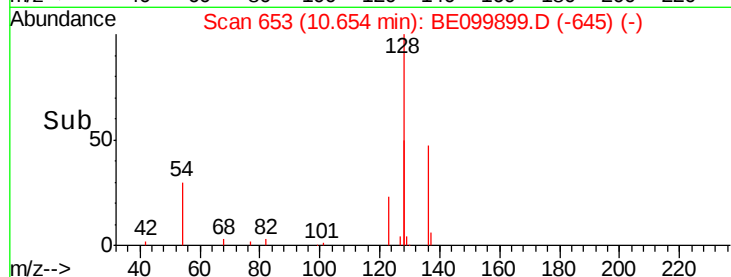
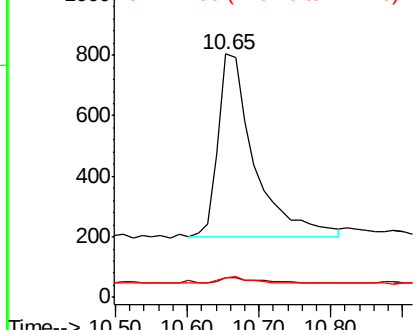
128 100

129 8.2 3.0 4.6#

127 7.8 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099899.D

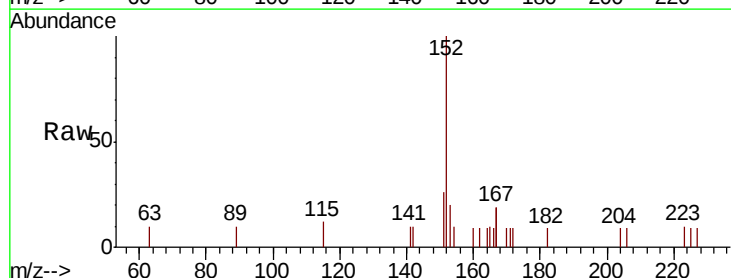
Acq: 10 Jun 2019 20:31

Tgt Ion:152 Resp: 1551

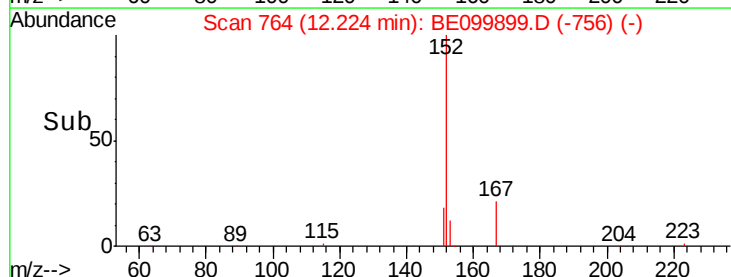
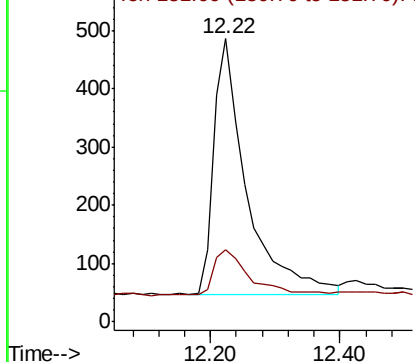
Ion Ratio Lower Upper

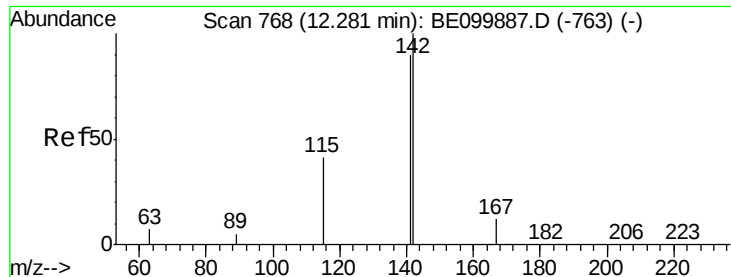
152 100

151 19.3 15.2 22.8



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





#12

2-Methylnaphthalene

Concen: 0.026 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.02 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

Instrument :

BNA_E

ClientSampleId :

RE120D3-20190606

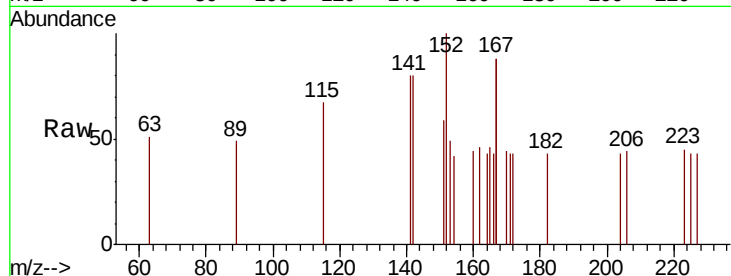
Tot Ion:142 Resp: 110

Ion Ratio Lower Upper

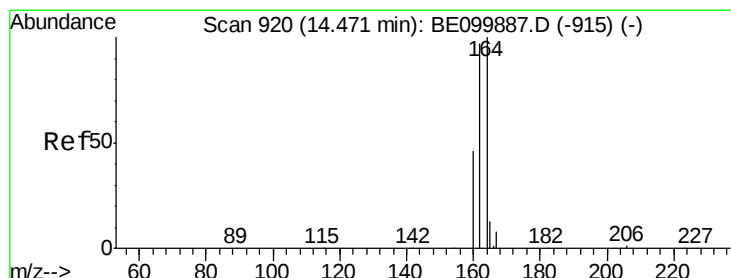
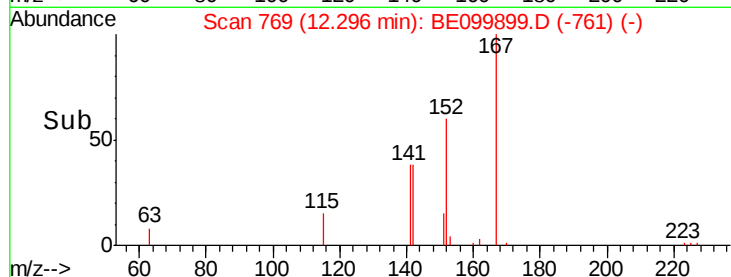
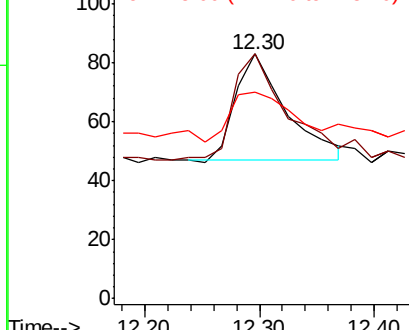
142 100

141 100.0 72.3 108.5

115 84.3 36.4 54.6#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

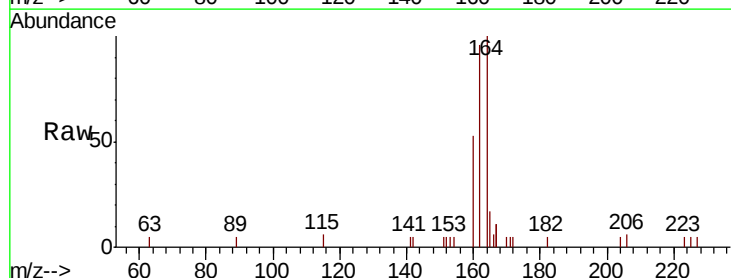
Tgt Ion:164 Resp: 1942

Ion Ratio Lower Upper

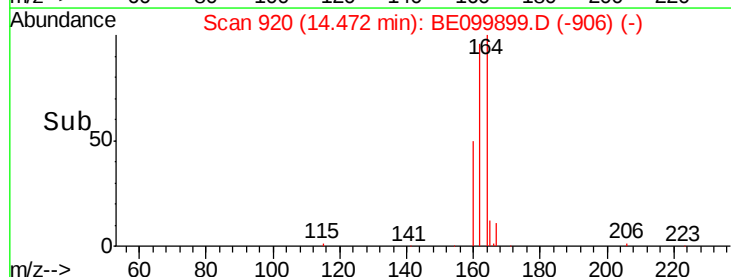
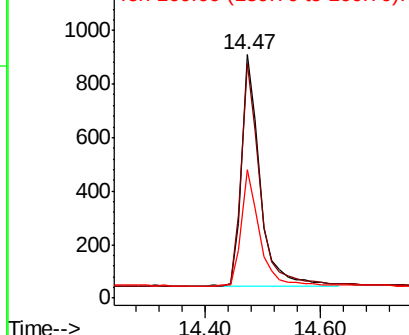
164 100

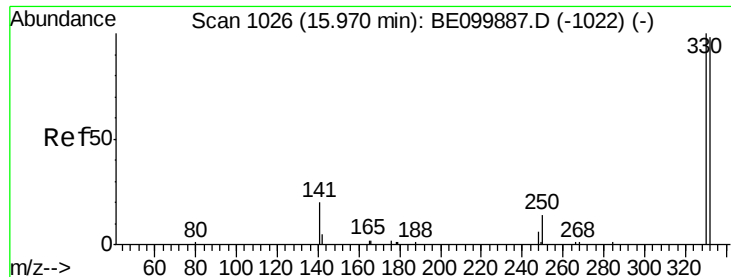
162 96.5 77.8 116.8

160 53.0 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: 0.279 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

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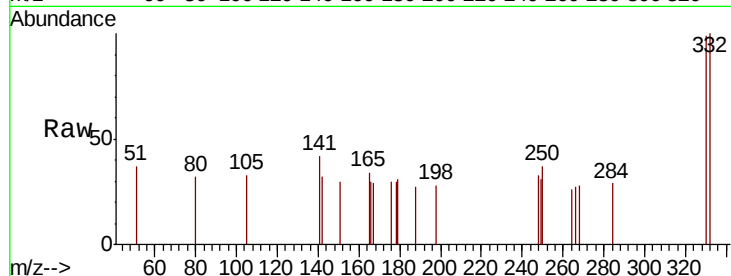
Tot Ion:330 Resp: 401

Ion Ratio Lower Upper

330 100

332 103.2 76.7 115.1

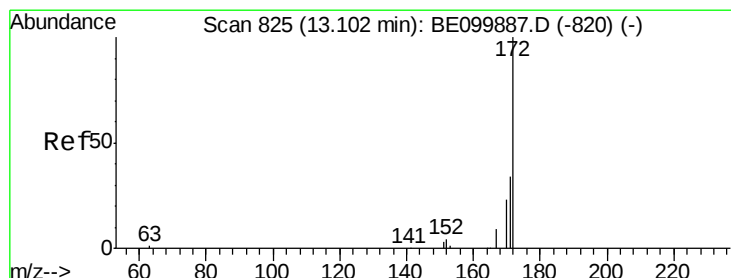
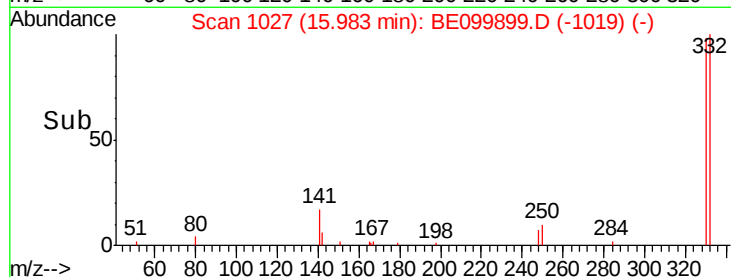
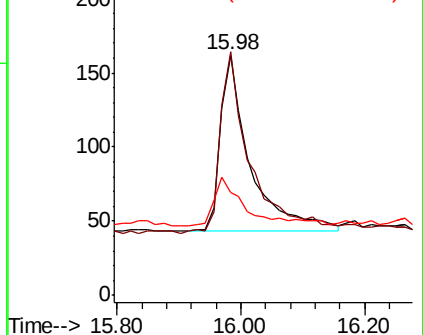
141 28.7 21.0 31.6



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: 0.398 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

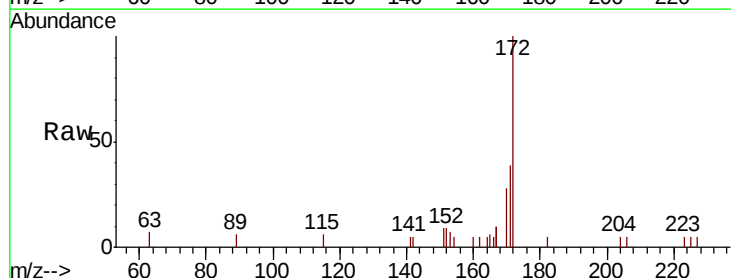
Tgt Ion:172 Resp: 2933

Ion Ratio Lower Upper

172 100

171 38.9 29.2 43.8

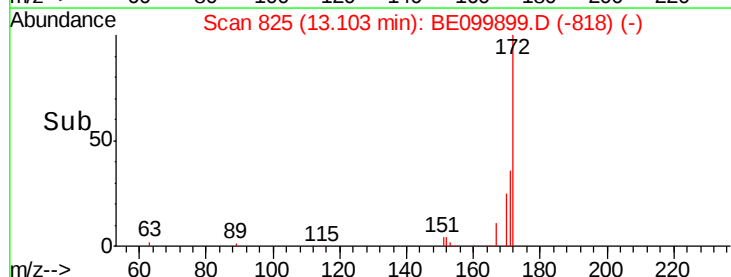
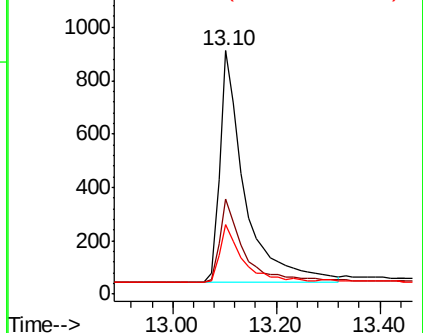
170 28.4 21.2 31.8

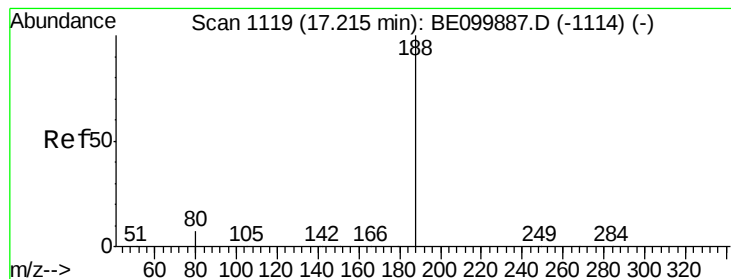


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099899.D

Acq: 10 Jun 2019 20:31

Instrument :

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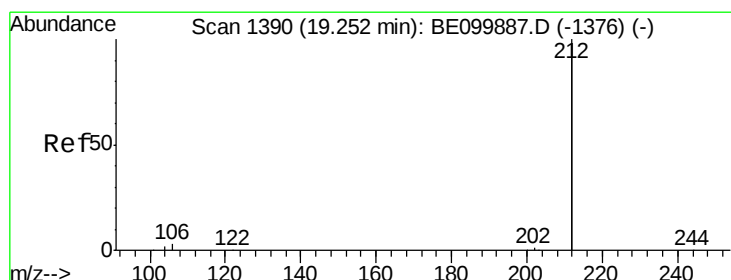
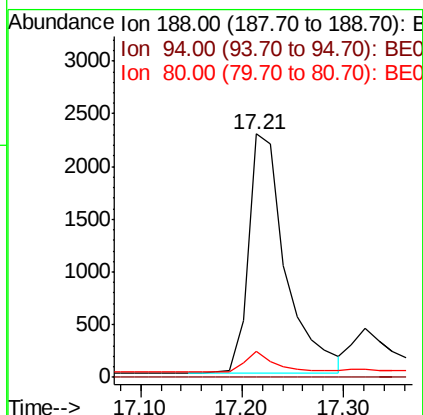
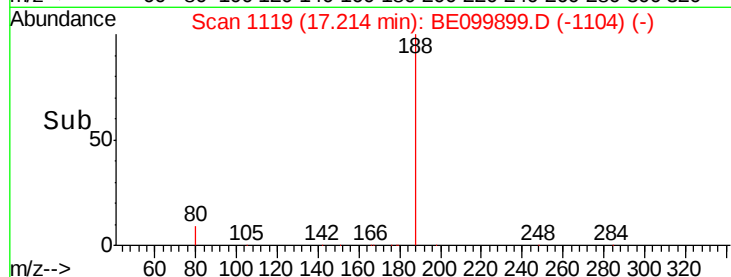
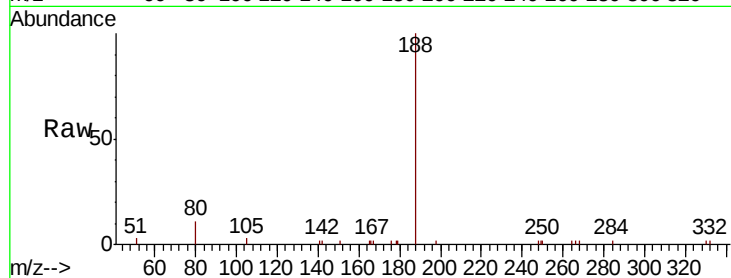
Tot Ion:188 Resp: 5768

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 6.4 9.6#



#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099899.D

Acq: 10 Jun 2019 20:31

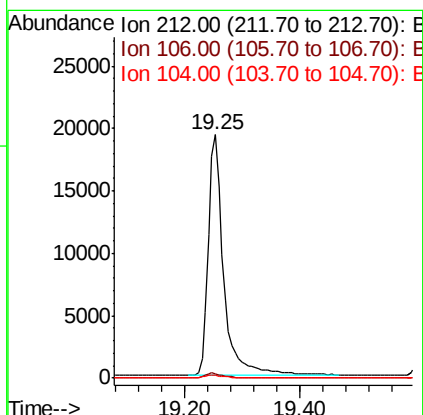
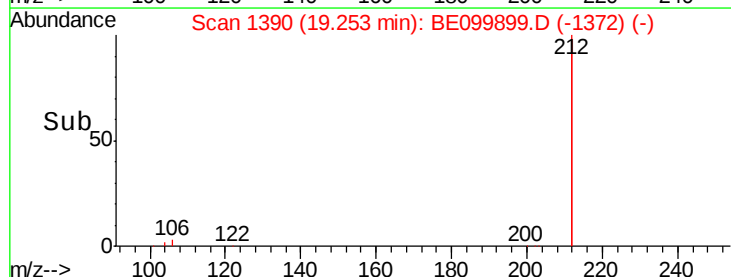
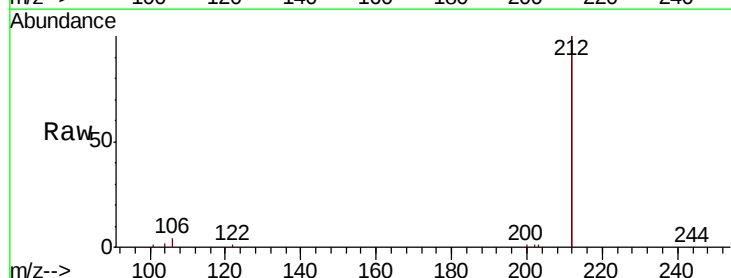
Tgt Ion:212 Resp: 36044

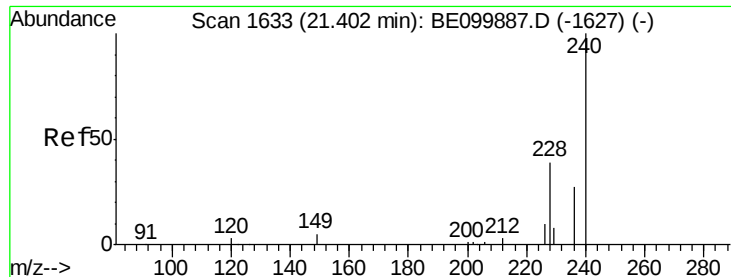
Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3

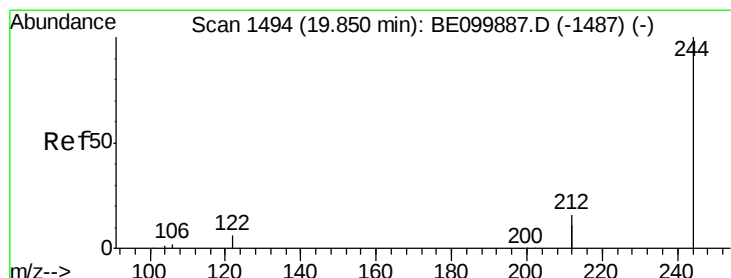
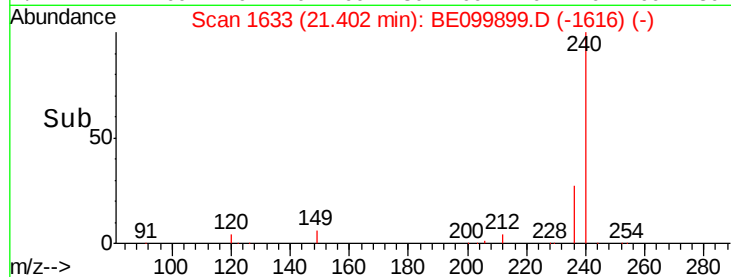
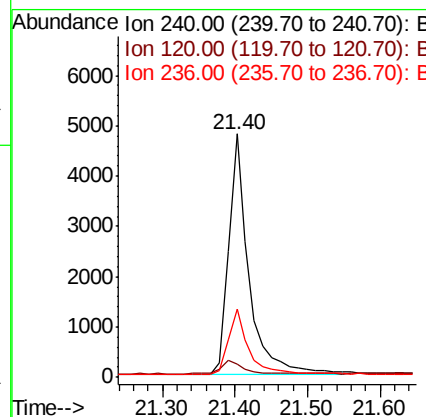
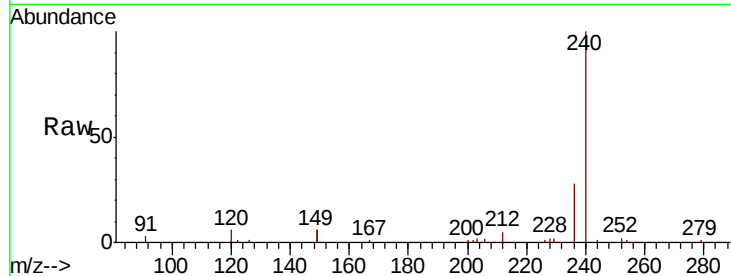




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099899.D
 Acq: 10 Jun 2019 20:31

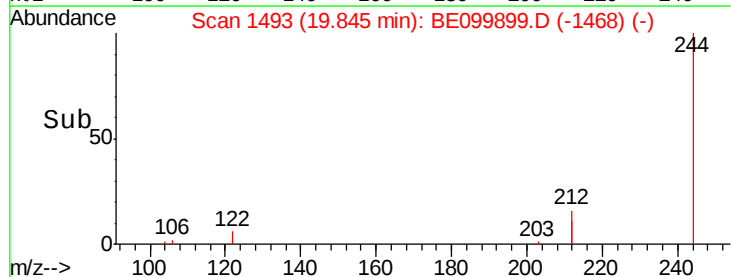
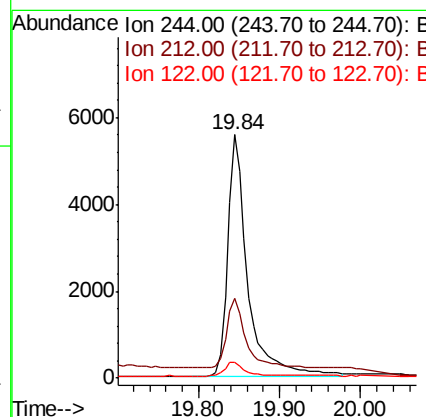
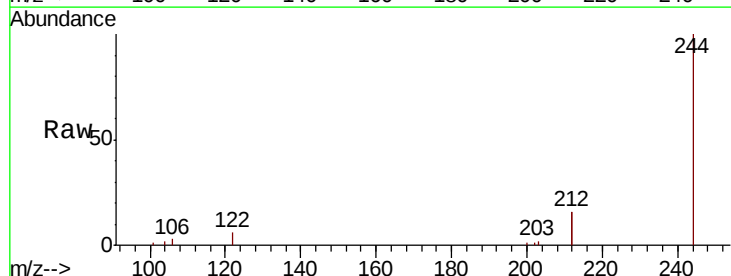
Instrument :
 BNA_E
 ClientSampleId :
 RE120D3-20190606

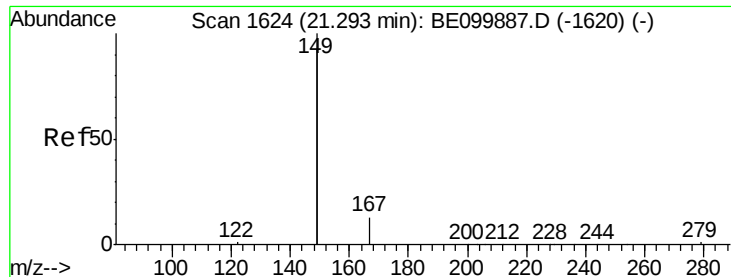
Tot Ion:240 Resp: 9455
 Ion Ratio Lower Upper
 240 100
 120 5.6 3.8 5.6
 236 27.9 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.553 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BE099899.D
 Acq: 10 Jun 2019 20:31

Tgt Ion:244 Resp: 9407
 Ion Ratio Lower Upper
 244 100
 212 32.5 25.7 38.5
 122 6.4 5.5 8.3

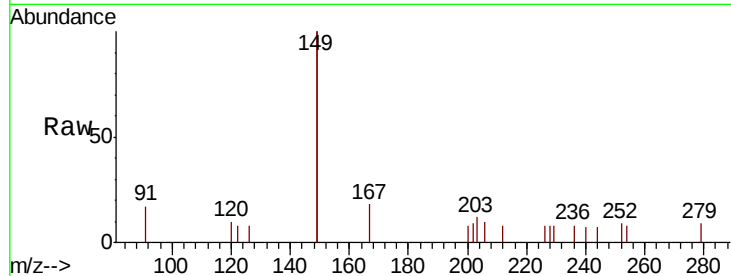




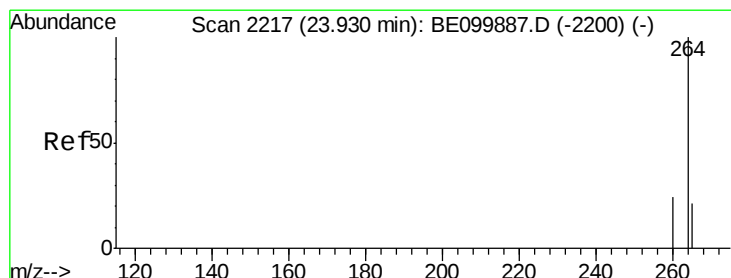
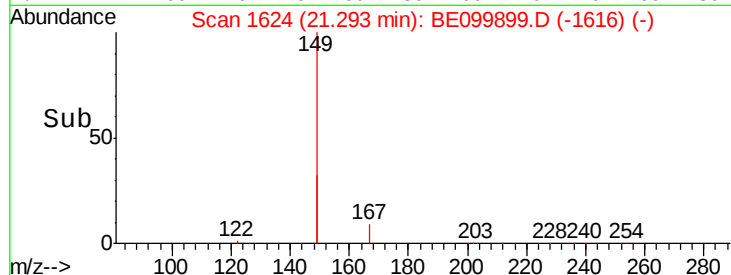
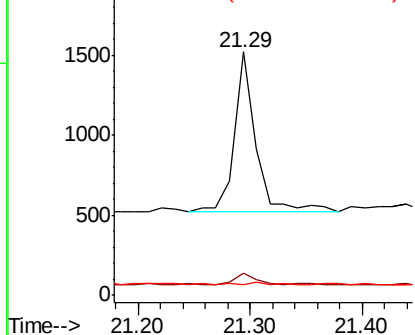
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099899.D
 Acq: 10 Jun 2019 20:31

Instrument :
 BNA_E
 ClientSampleId :
 RE120D3-20190606

Tot Ion:149 Resp: 1304
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.9 8.9
 279 1.4 1.2 1.8

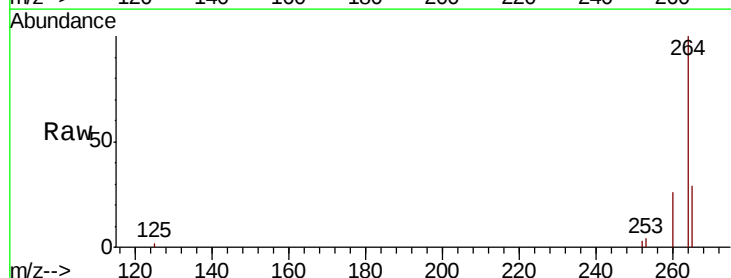


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099899.D
 Acq: 10 Jun 2019 20:31

Tgt Ion:264 Resp: 11006
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 28.5 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

