

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099255.D
 Acq On : 29 Mar 2019 15:13
 Operator : JU/SJ
 Sample : K1982-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW012-032519

Quant Time: Mar 29 22:55:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3622	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15666	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12046	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	36101	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	43739	0.40	ng	-0.01
34) Perylene-d12	23.89	264	43686	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1683	0.16	ng	0.00
5) Phenol-d6	6.99	99	2500	0.15	ng	0.00
8) Nitrobenzene-d5	8.99	82	2008	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4646	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	728	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6801	0.14	ng	0.00
25) Fluoranthene-d10	19.24	212	61955	0.14	ng	0.00
29) Terphenyl-d14	19.83	244	9924	0.10	ng	0.00

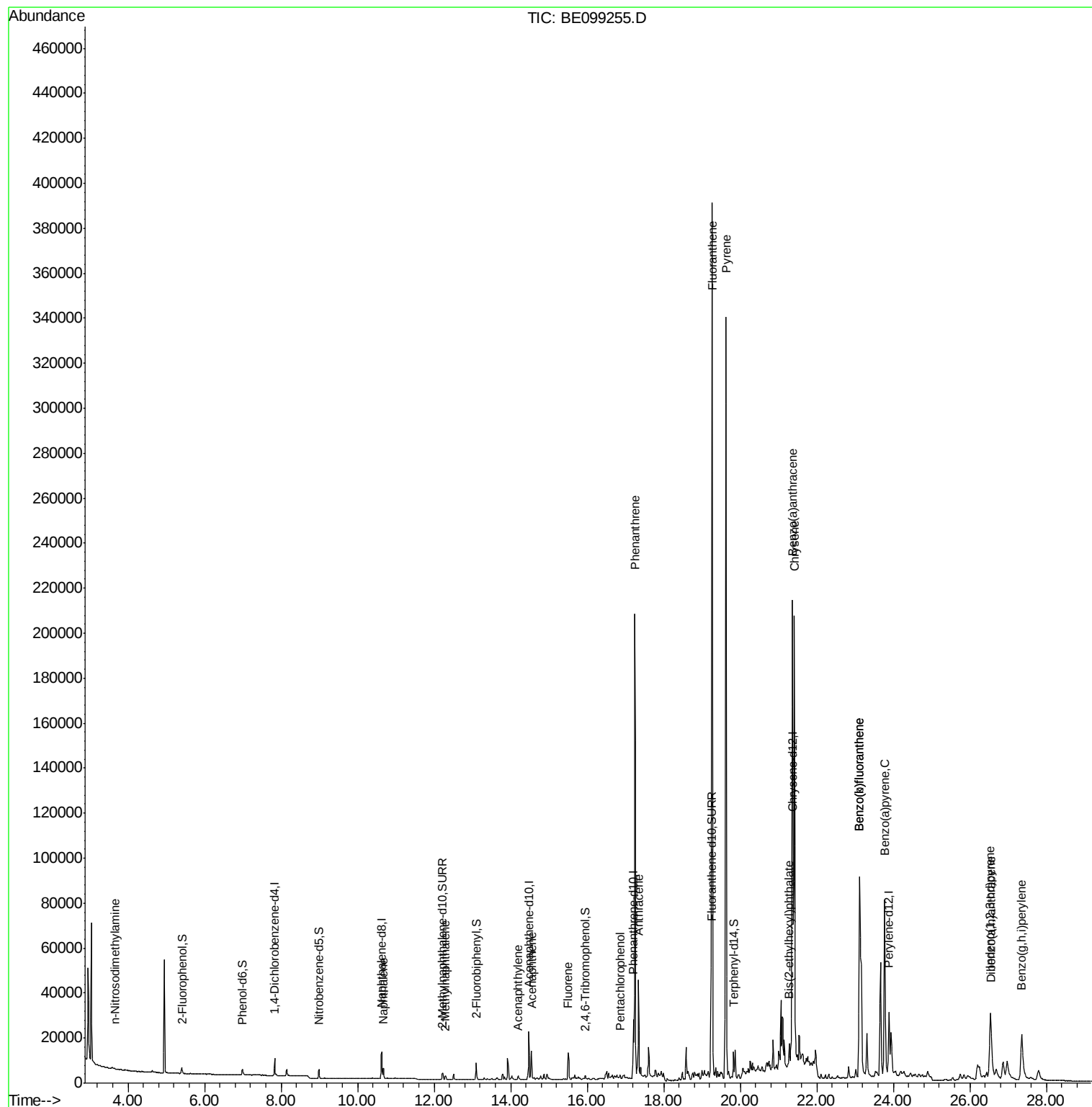
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.65	42	67	0.025	ng	# 1
9) Naphthalene	10.67	128	8127	0.044	ng	# 97
12) 2-Methylnaphthalene	12.30	142	1497	0.045	ng	95
16) Acenaphthylene	14.20	152	2492	0.041	ng	# 91
17) Acenaphthene	14.54	154	7460	0.203	ng	100
18) Fluorene	15.50	166	8957	0.173	ng	# 98
22) Pentachlorophenol	16.85	266	14	0.243	ng	# 67
23) Phenanthrene	17.24	178	230866	2.178	ng	100
24) Anthracene	17.34	178	47217	0.493	ng	# 94
26) Fluoranthene	19.26	202	365150	2.699	ng	99
28) Pyrene	19.63	202	324463	2.233	ng	# 95
30) Benzo(a)anthracene	21.37	228	212851	1.475	ng	98
31) Chrysene	21.41	228	171940	1.115	ng	96
32) Bis(2-ethylhexyl)phthalate	21.28	149	9898	0.057	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.54	276	66820	0.458	ng	# 96
35) Benzo(b)fluoranthene	23.12	252	183127	1.274	ng	98
36) Benzo(k)fluoranthene	23.12	252	183127	1.205	ng	98
37) Benzo(a)pyrene	23.77	252	132706	0.988	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	18073	0.152	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	62742	0.525	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

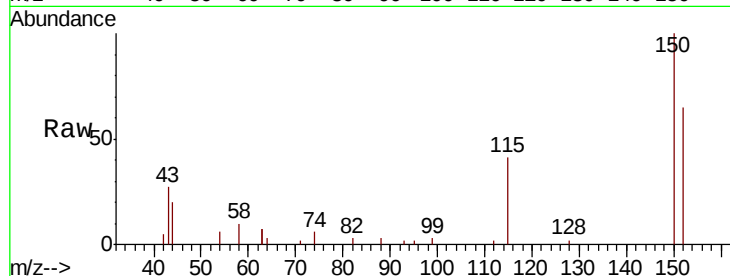
Tgt Ion:152 Resp: 3622

Ion Ratio Lower Upper

152 100

150 154.8 112.8 169.2

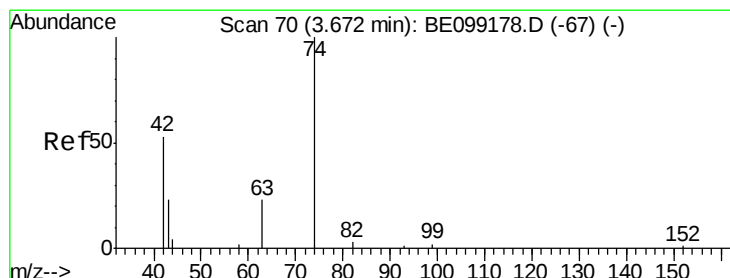
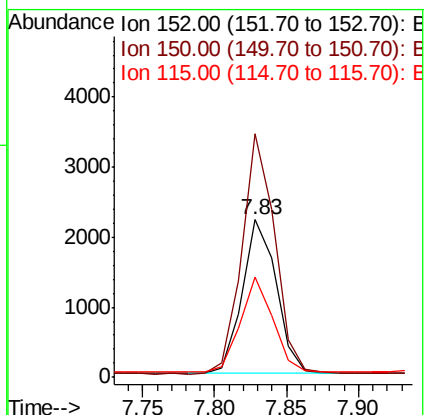
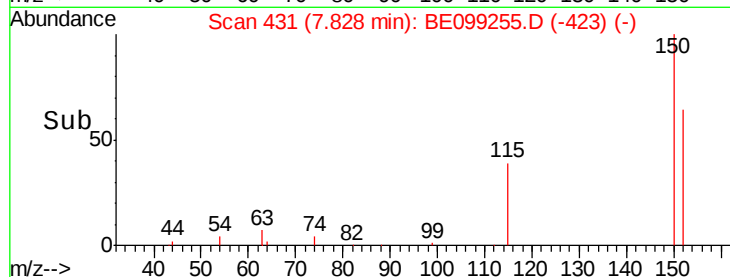
115 63.4 45.1 67.7



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: 0.025 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

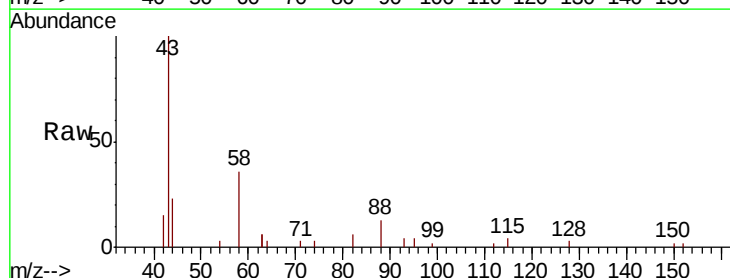
Tgt Ion: 42 Resp: 67

Ion Ratio Lower Upper

42 100

74 16.4 138.6 207.8#

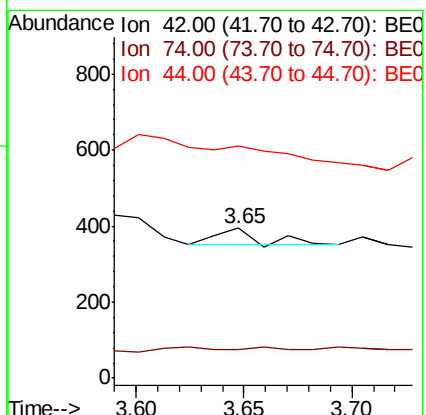
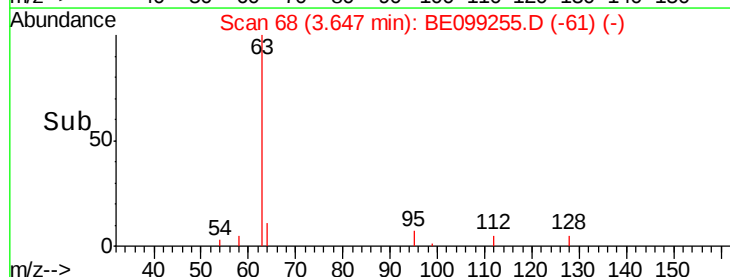
44 0.0 15.0 22.6#

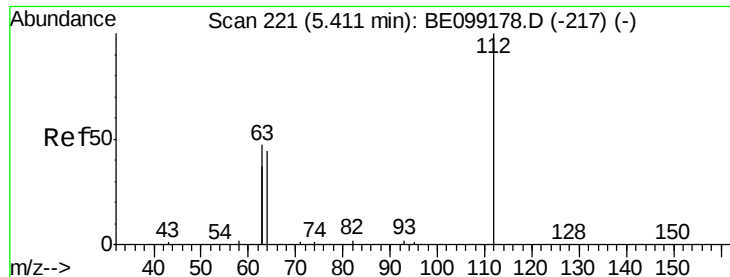


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

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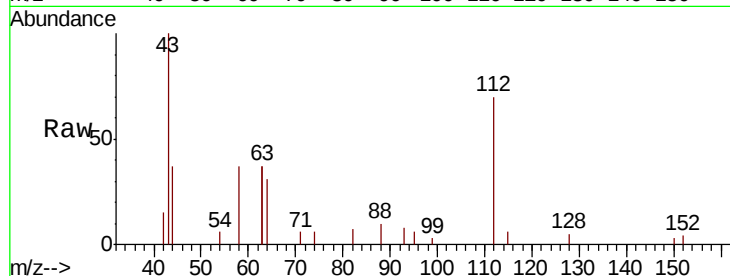
Tgt Ion: 112 Resp: 1683

Ion Ratio Lower Upper

112 100

64 56.7 46.2 69.2

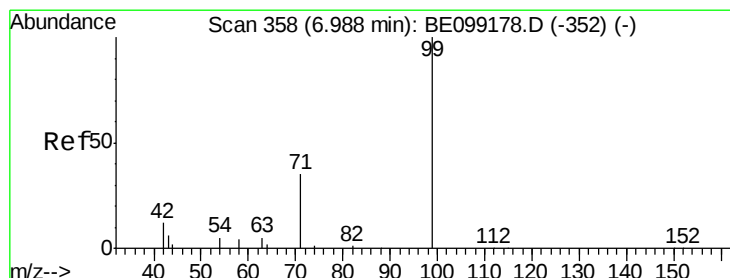
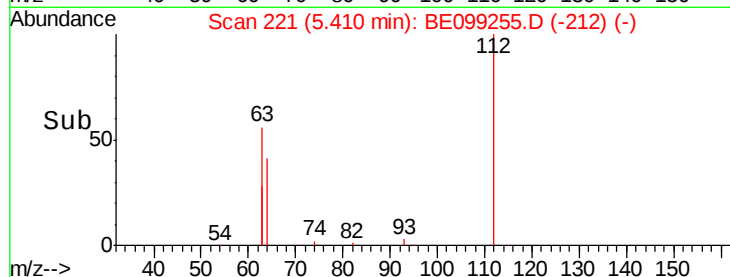
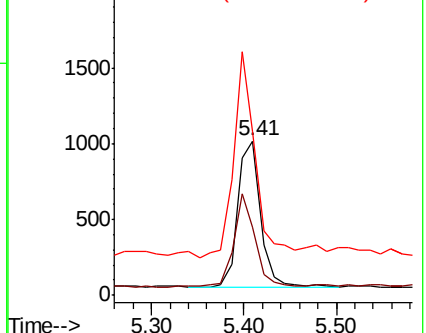
63 134.0 89.9 134.9



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: 0.151 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

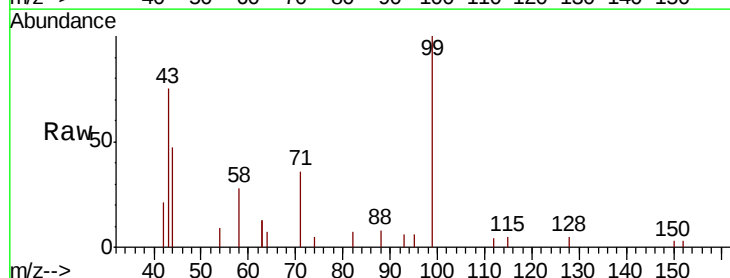
Tgt Ion: 99 Resp: 2500

Ion Ratio Lower Upper

99 100

42 17.4 12.4 18.6

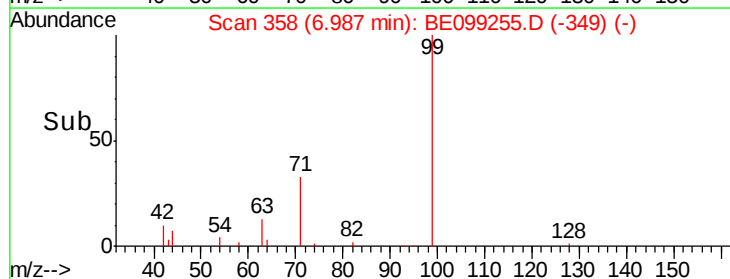
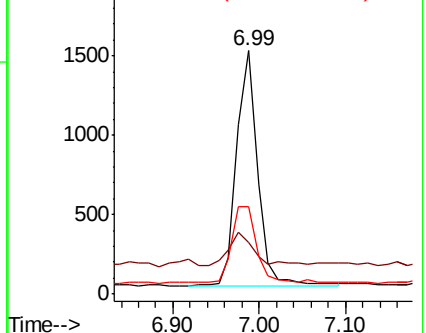
71 38.7 28.4 42.6

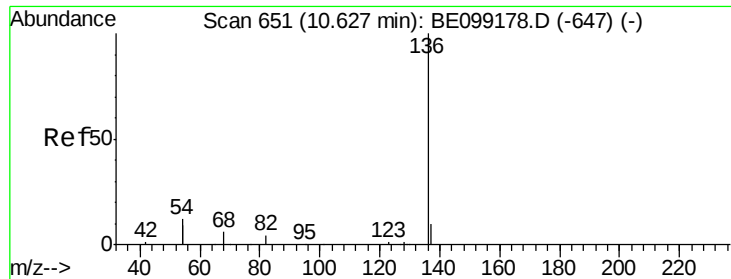


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

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EXT-027-SW012-032519

Tgt Ion:136 Resp: 15666

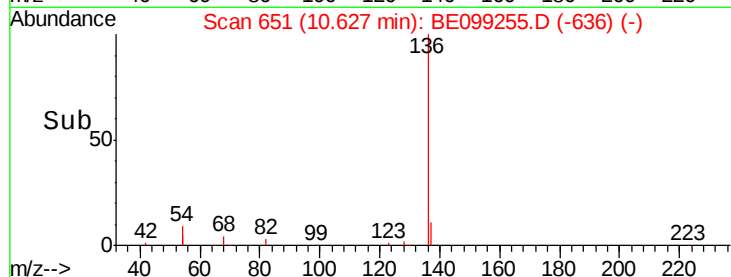
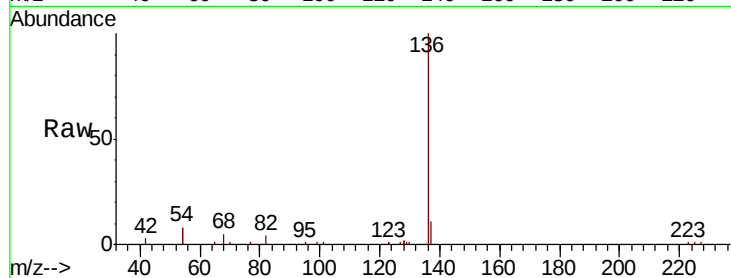
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 17.0 18.7 28.1#

68 4.9 5.2 7.8#

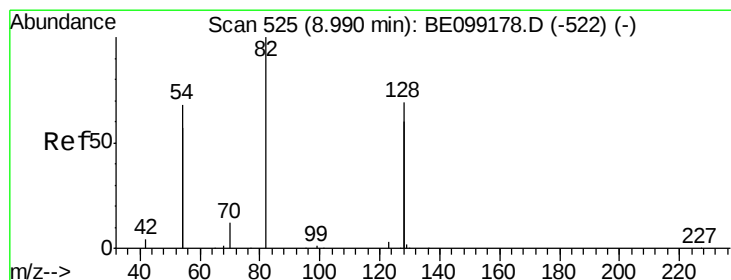
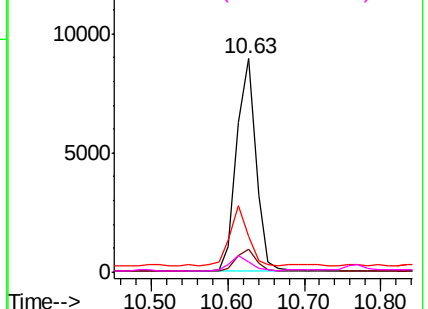


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.157 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

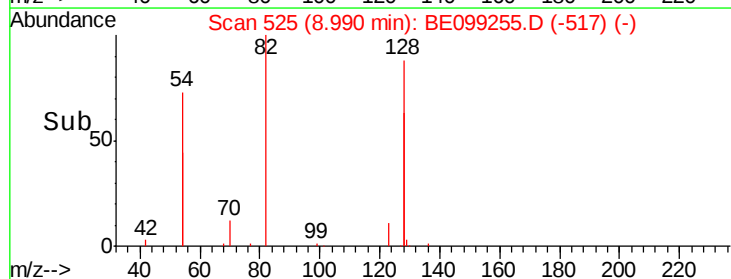
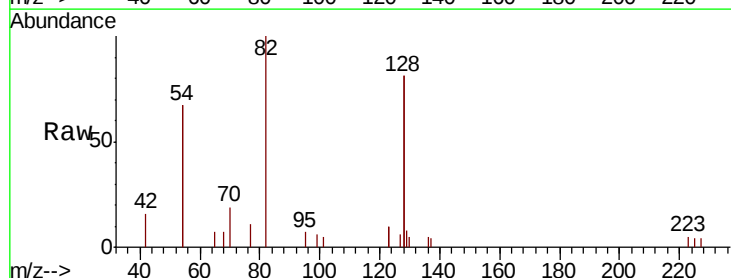
Tgt Ion: 82 Resp: 2008

Ion Ratio Lower Upper

82 100

128 162.2 107.5 161.3#

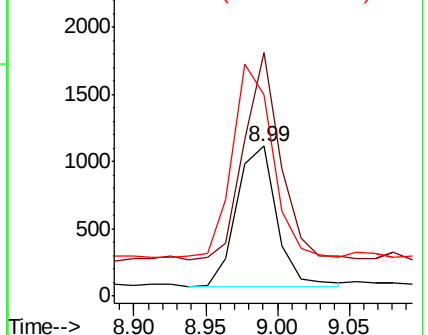
54 134.3 106.3 159.5

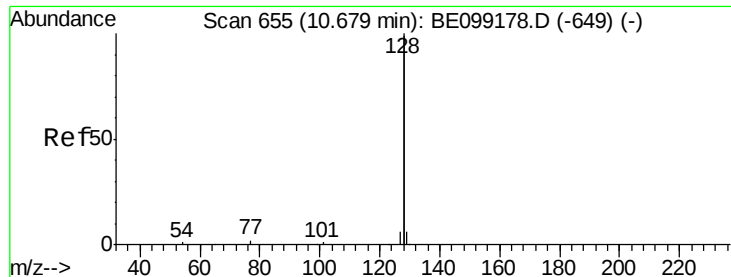


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

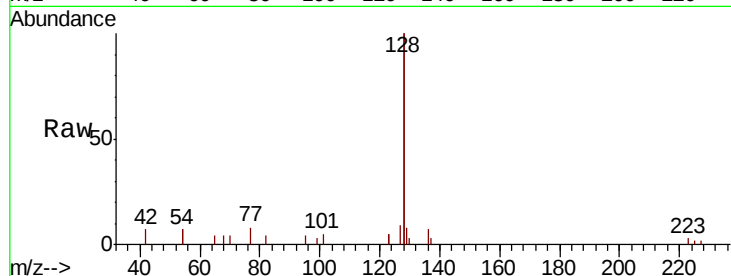




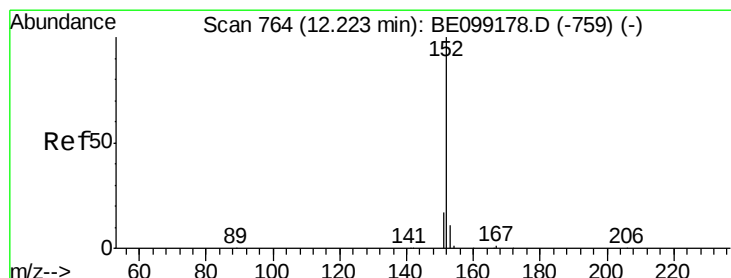
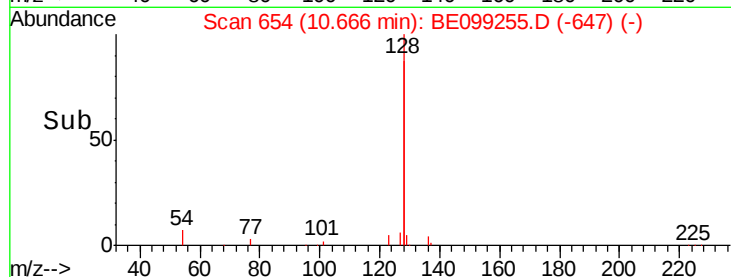
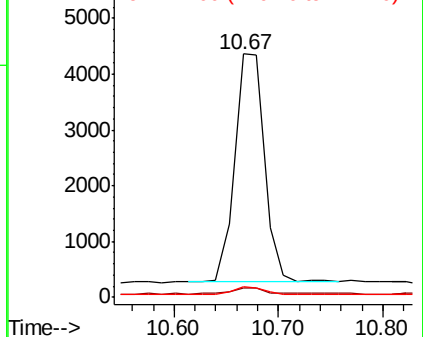
#9
Naphthalene
Concen: 0.044 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:128 Resp: 8127
Ion Ratio Lower Upper
128 100
129 3.9 2.3 3.5#
127 4.4 2.6 3.8#

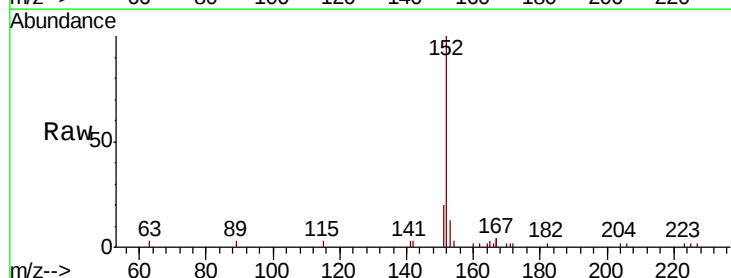


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

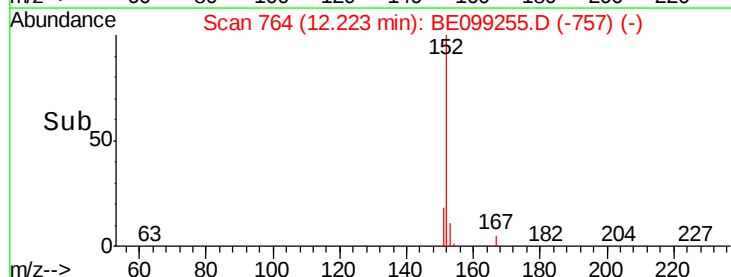
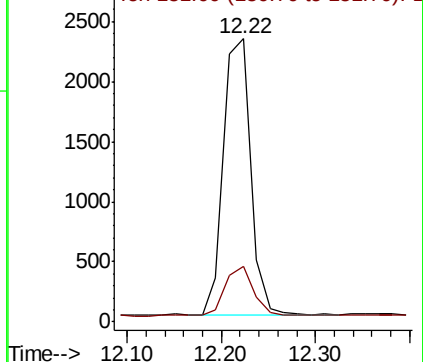


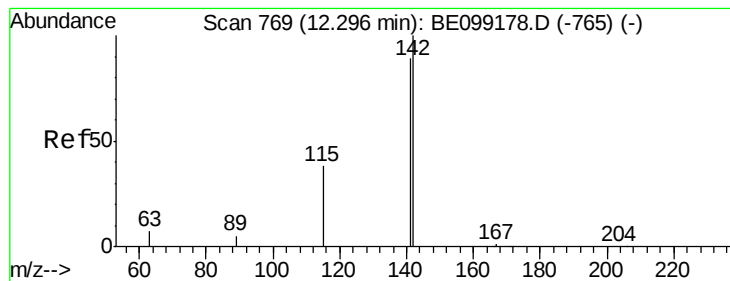
#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:152 Resp: 4646
Ion Ratio Lower Upper
152 100
151 18.3 15.0 22.6



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





#12

2-Methylnaphthalene

Concen: 0.045 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

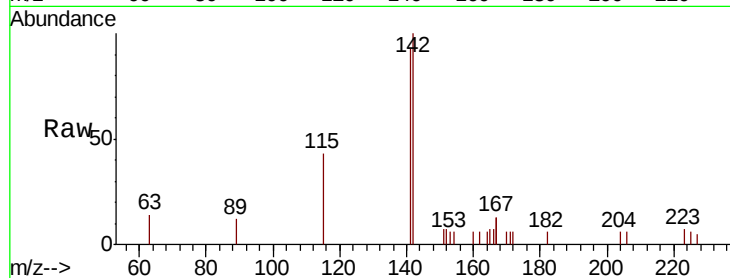
Tgt Ion:142 Resp: 1497

Ion Ratio Lower Upper

142 100

141 92.8 71.3 106.9

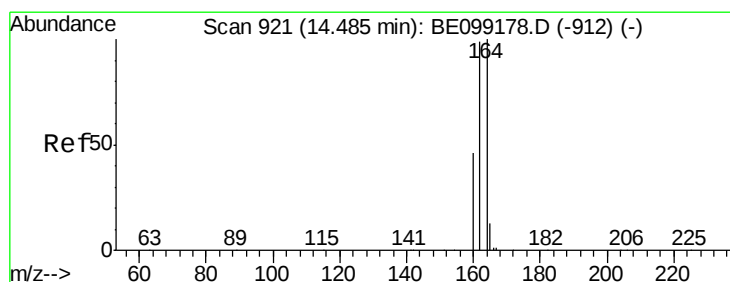
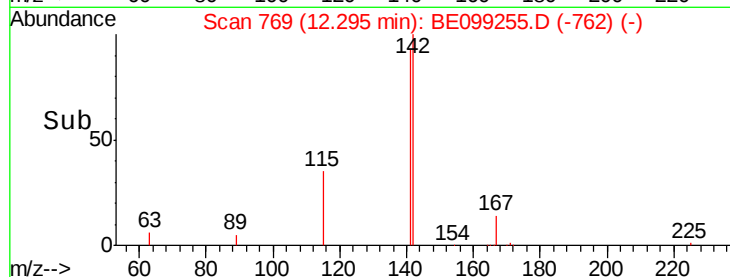
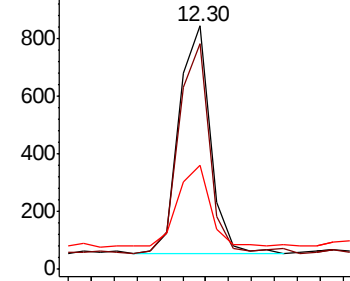
115 42.8 30.4 45.6



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. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

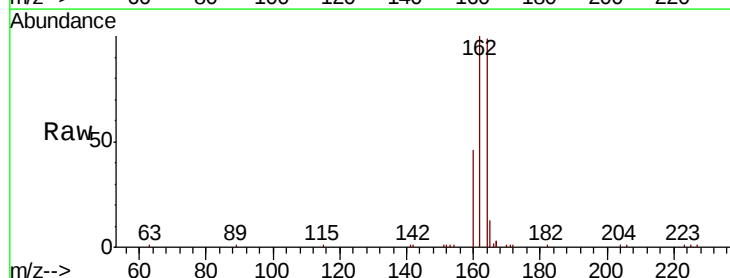
Tgt Ion:164 Resp: 12046

Ion Ratio Lower Upper

164 100

162 100.6 79.2 118.8

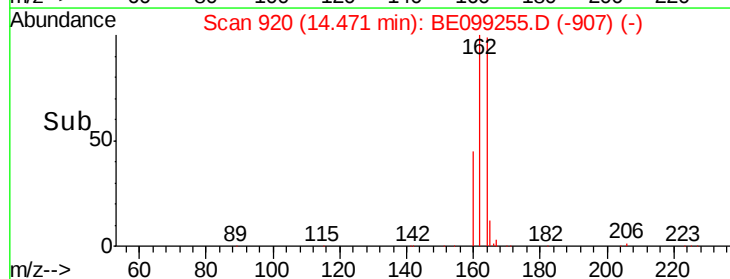
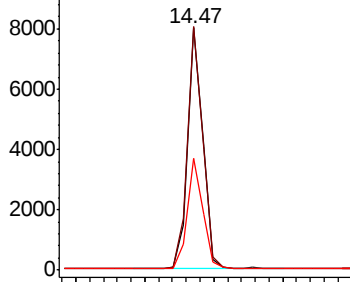
160 46.1 36.7 55.1

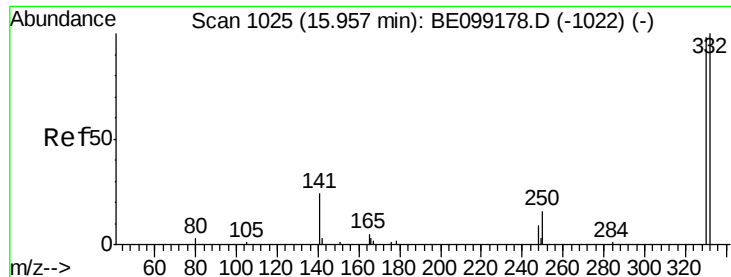


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

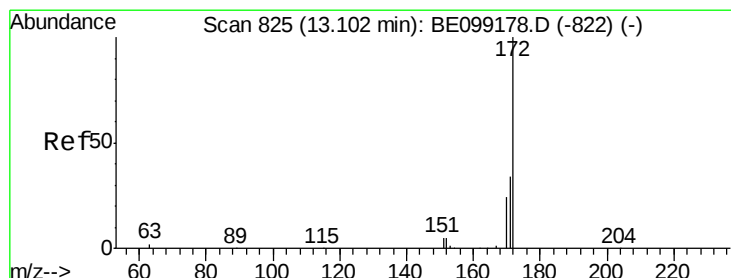
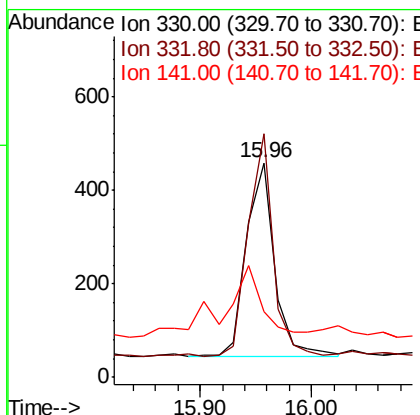
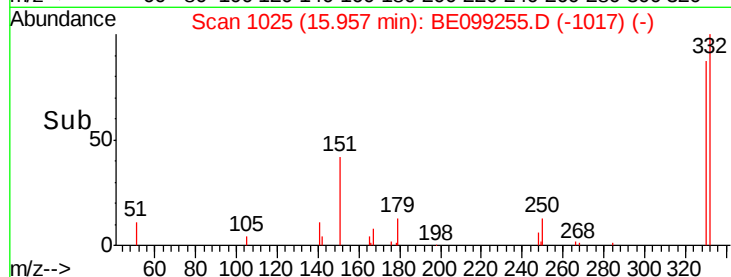
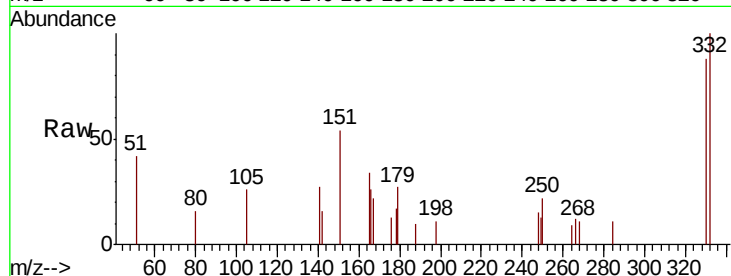




#14
 2,4,6-Tribromophenol
 Concen: 0.337 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099255.D
 Acq: 29 Mar 2019 15:13

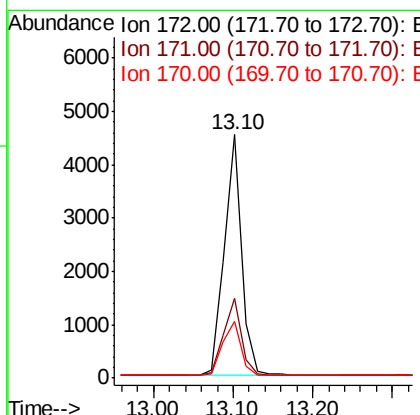
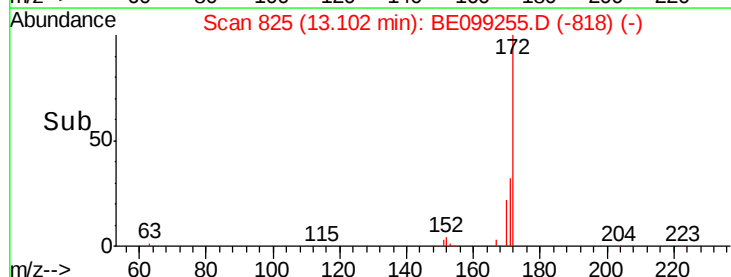
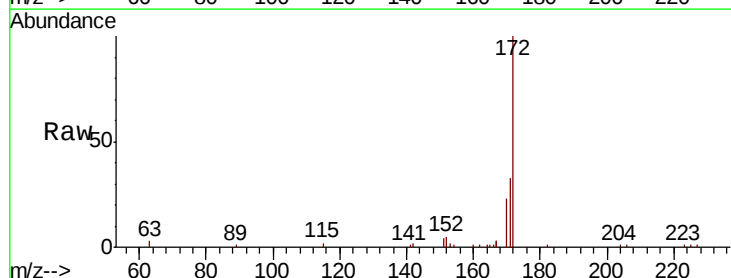
Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW012-032519

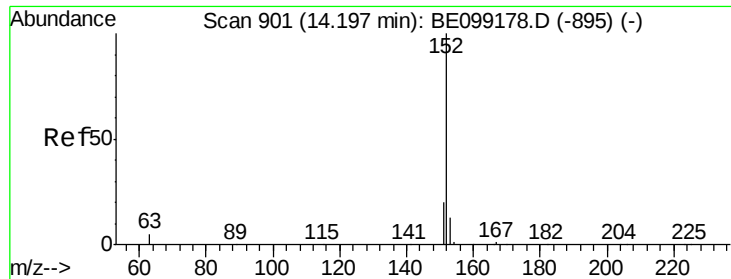
Tgt Ion:330 Resp: 728
 Ion Ratio Lower Upper
 330 100
 332 101.5 71.3 106.9
 141 37.9 21.7 32.5#



#15
 2-Fluorobiphenyl
 Concen: 0.138 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099255.D
 Acq: 29 Mar 2019 15:13

Tgt Ion:172 Resp: 6801
 Ion Ratio Lower Upper
 172 100
 171 32.5 27.4 41.0
 170 23.2 19.1 28.7

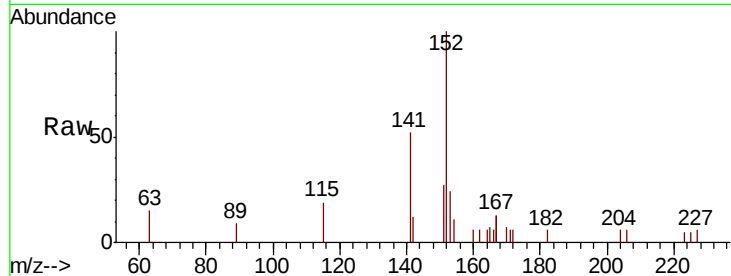




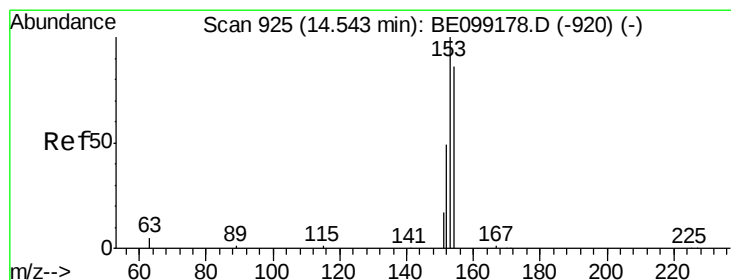
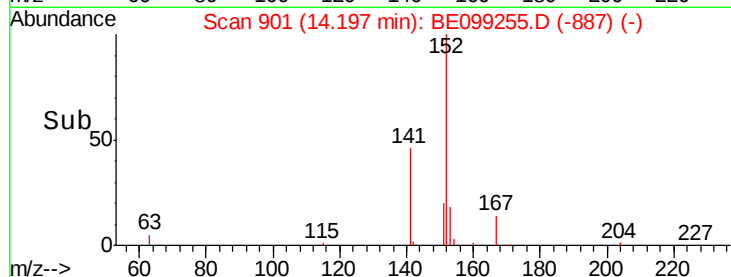
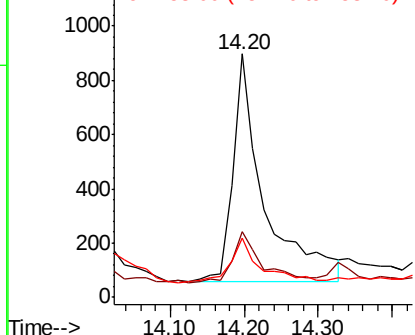
#16
Acenaphthylene
Concen: 0.041 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:152 Resp: 2492
Ion Ratio Lower Upper
152 100
151 21.7 15.7 23.5
153 19.2 10.6 15.8#

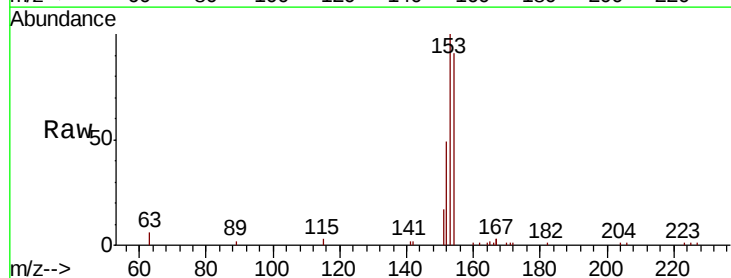


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

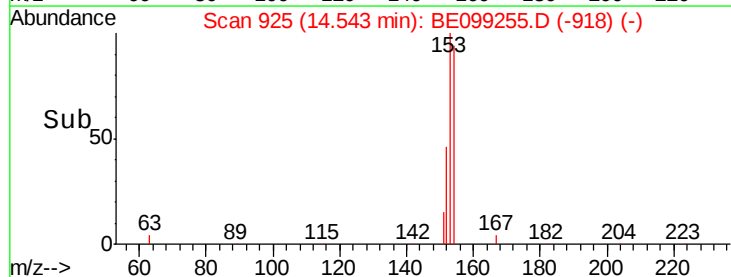
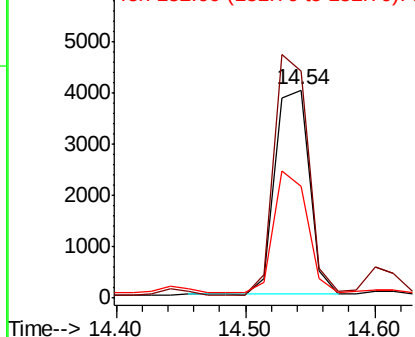


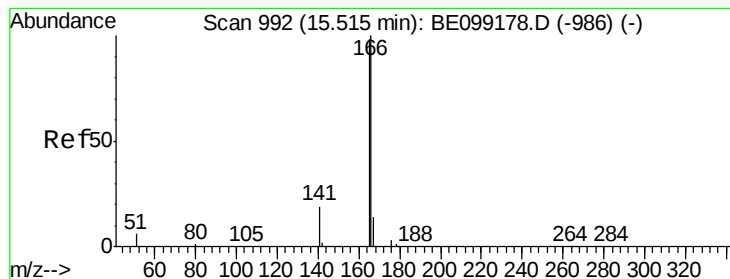
#17
Acenaphthene
Concen: 0.203 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:154 Resp: 7460
Ion Ratio Lower Upper
154 100
153 116.2 93.4 140.0
152 57.9 46.6 69.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.173 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

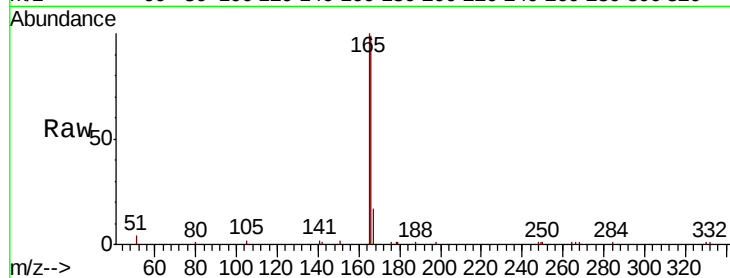
Tgt Ion:166 Resp: 8957

Ion Ratio Lower Upper

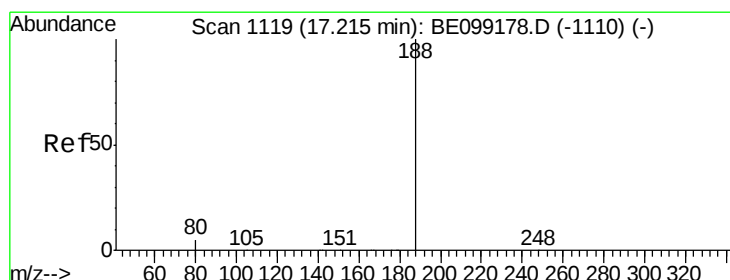
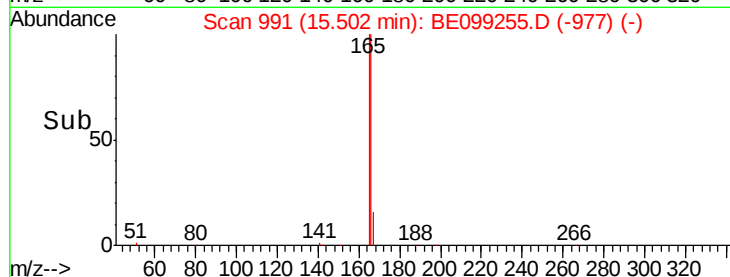
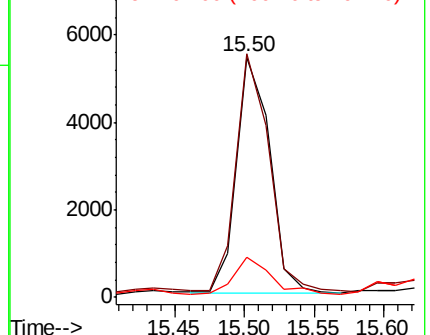
166 100

165 99.2 78.9 118.3

167 17.2 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

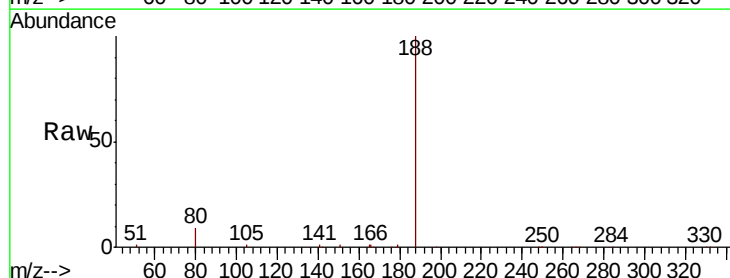
Tgt Ion:188 Resp: 36101

Ion Ratio Lower Upper

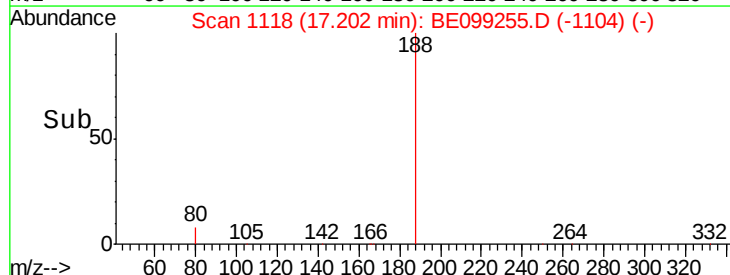
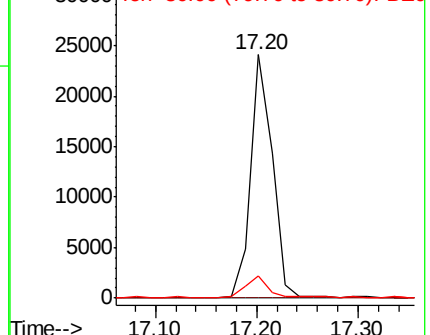
188 100

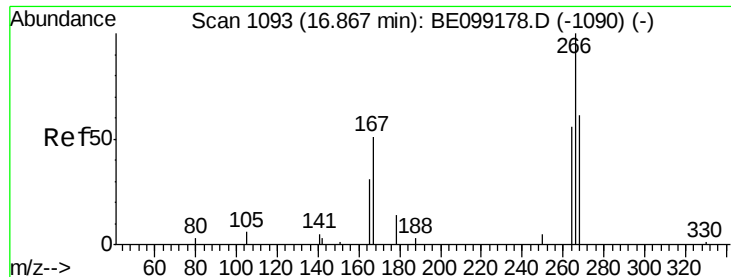
94 0.0 0.0 0.0

80 8.9 4.5 6.7#



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: 0.243 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

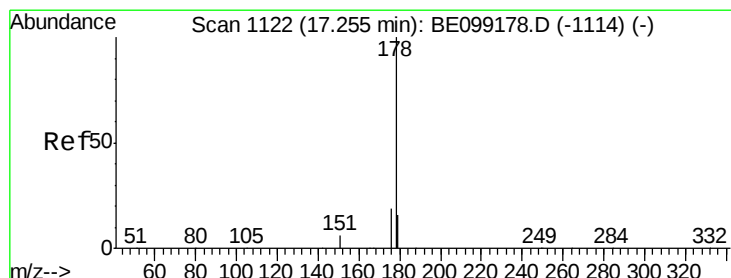
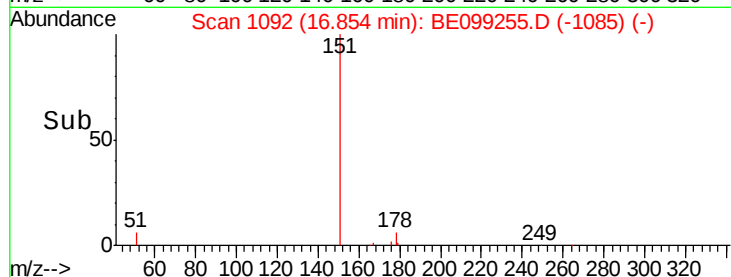
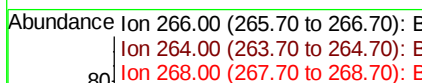
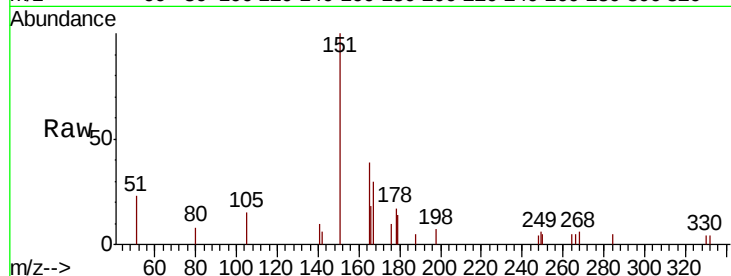
Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

Tgt Ion:	266	Resp:	14
Ion	Ratio	Lower	Upper
266	100		
264	93.1	54.4	81.6#
268	106.9	61.3	91.9#



#23

Phenanthrene

Concen: 2.178 ng

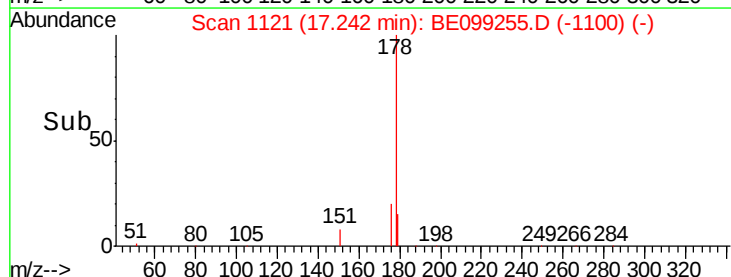
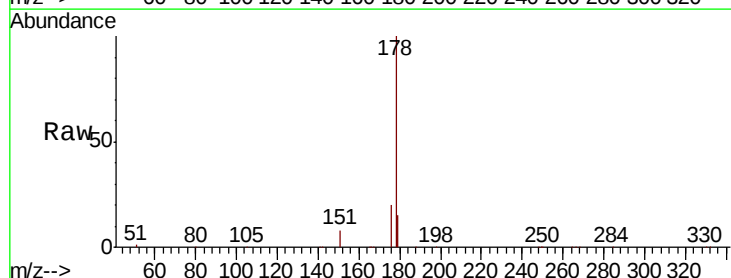
RT: 17.24 min Scan# 1121

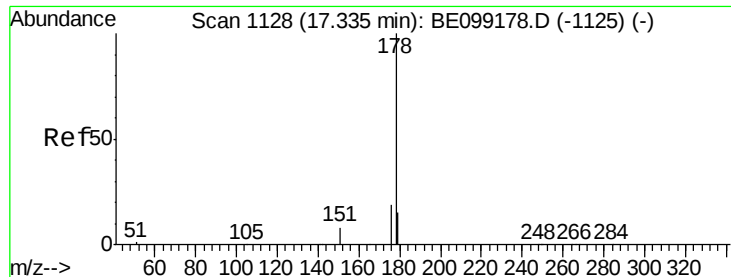
Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Tgt Ion:	178	Resp:	230866
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.3	18.5





#24

Anthracene

Concen: 0.493 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

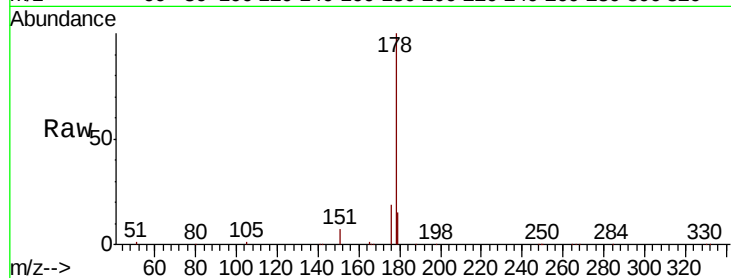
Tgt Ion:178 Resp: 47217

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

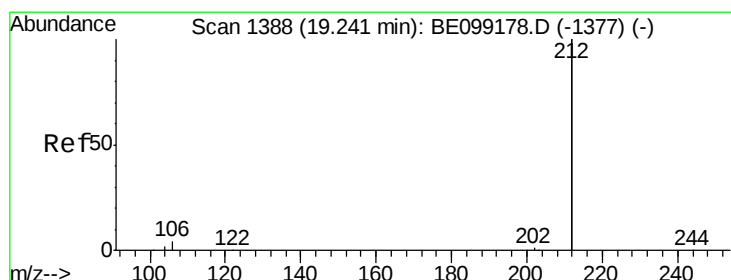
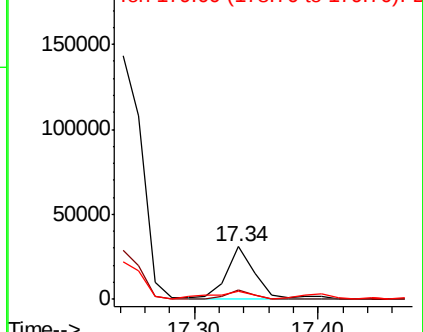
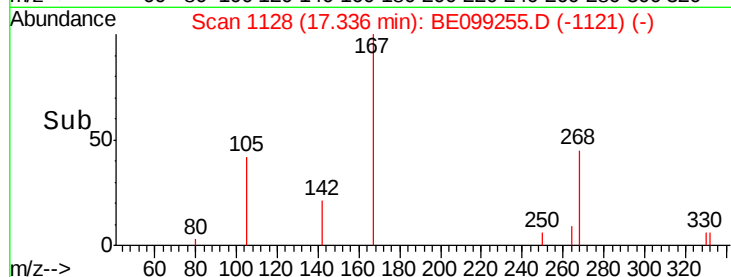
179 20.0 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.142 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

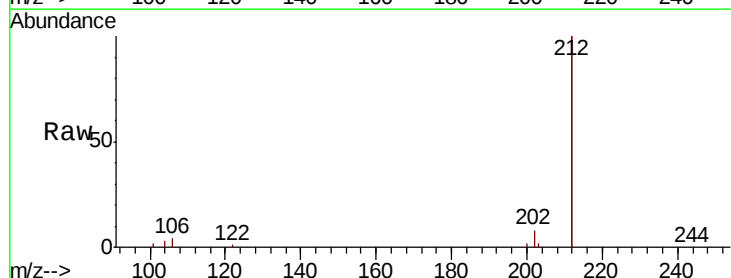
Tgt Ion:212 Resp: 61955

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

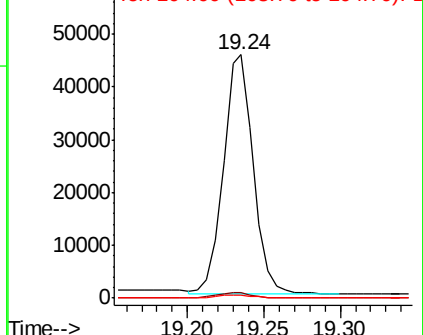
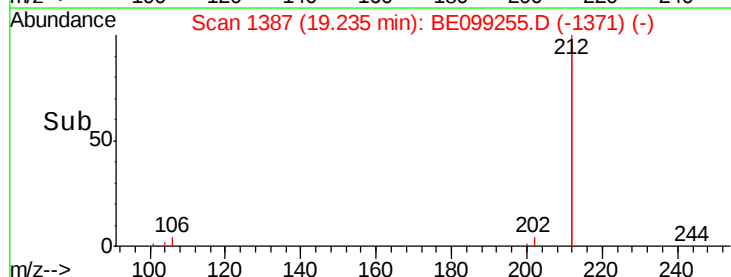
104 1.4 1.1 1.7

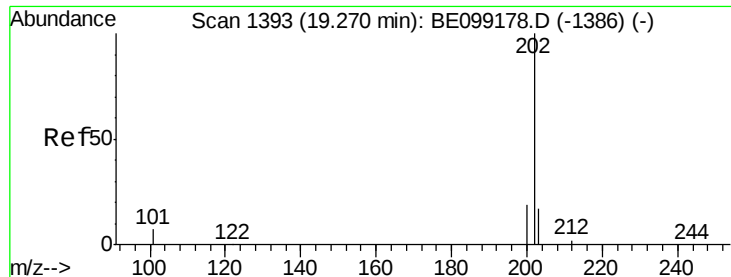


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

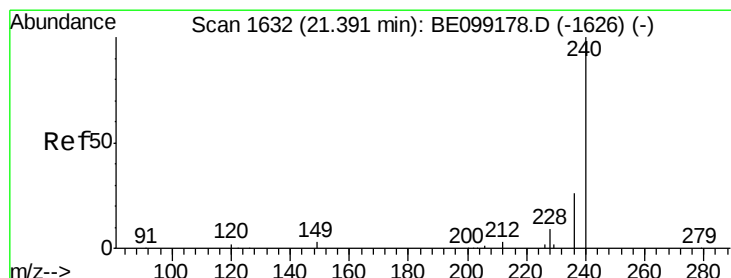
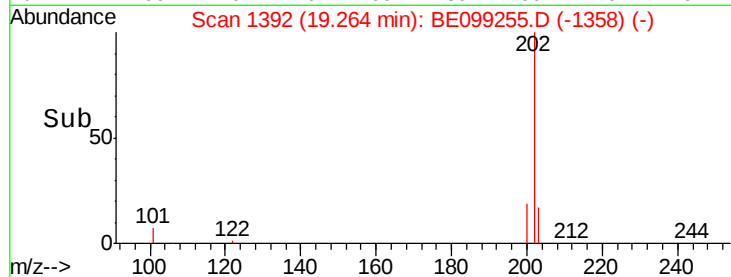
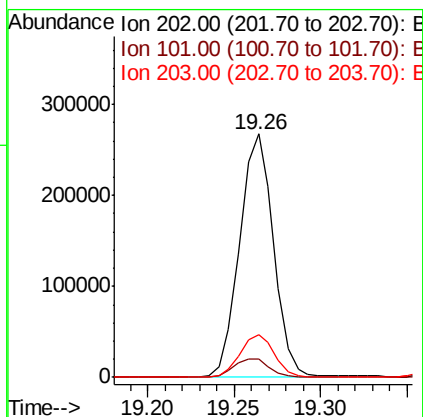
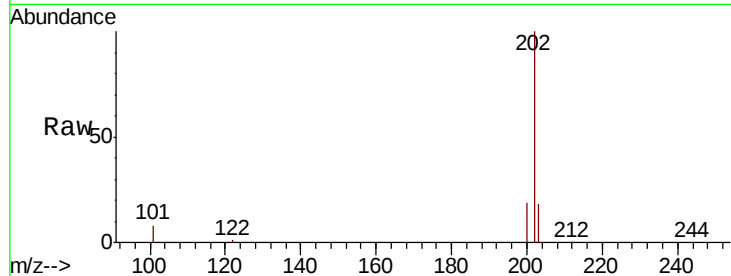




#26
 Fluoranthene
 Concen: 2.699 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE099255.D
 Acq: 29 Mar 2019 15:13

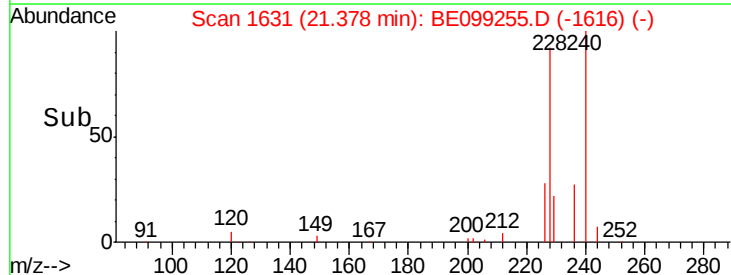
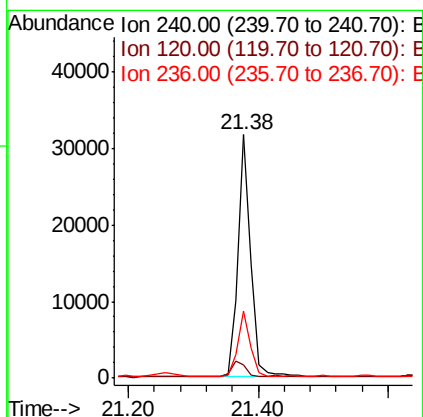
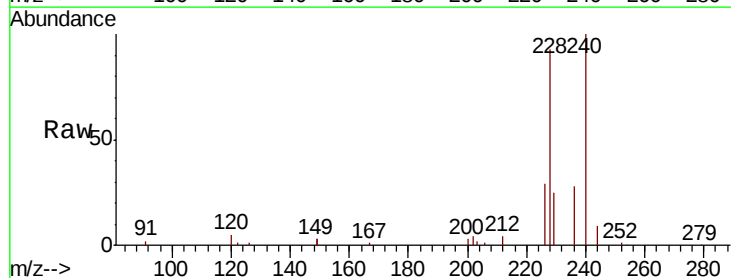
Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW012-032519

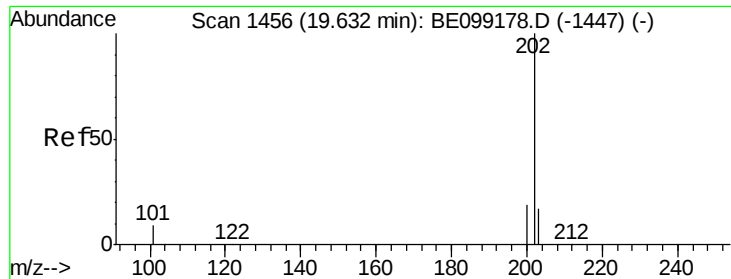
Tgt Ion: 202 Resp: 365150
 Ion Ratio Lower Upper
 202 100
 101 8.0 7.0 10.4
 203 17.6 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099255.D
 Acq: 29 Mar 2019 15:13

Tgt Ion: 240 Resp: 43739
 Ion Ratio Lower Upper
 240 100
 120 5.4 2.6 3.8#
 236 27.7 20.9 31.3

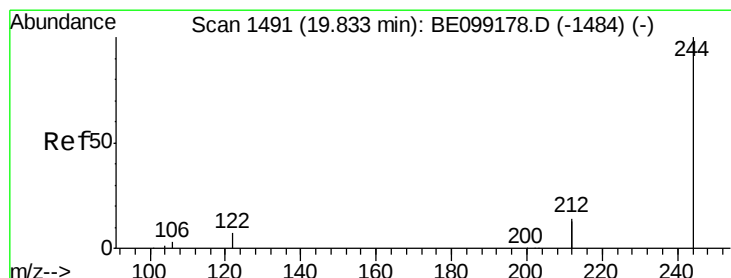
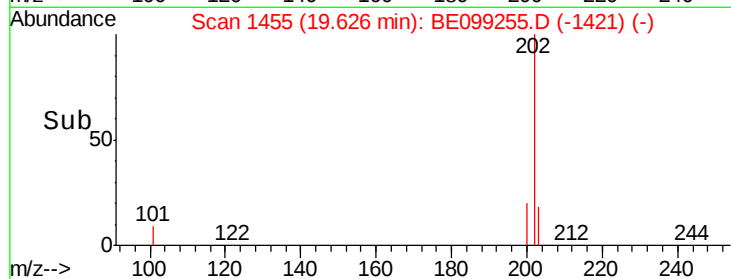
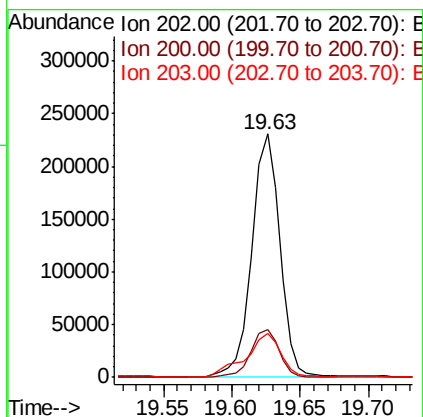
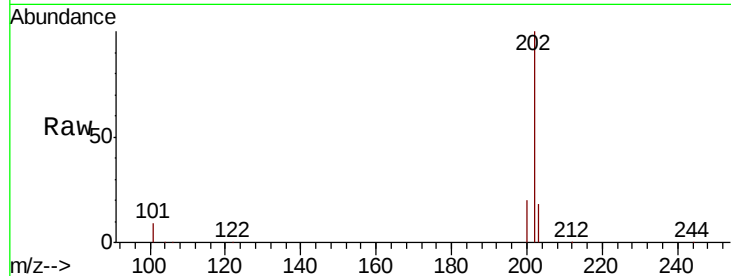




#28
Pyrene
Concen: 2.233 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

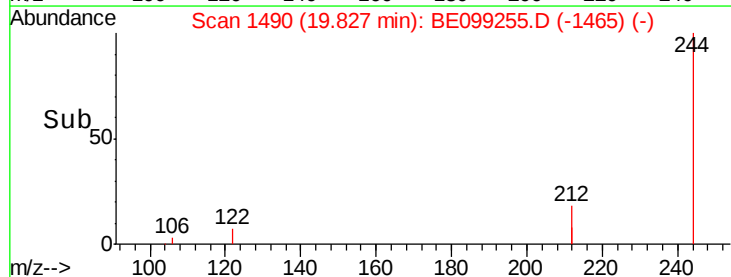
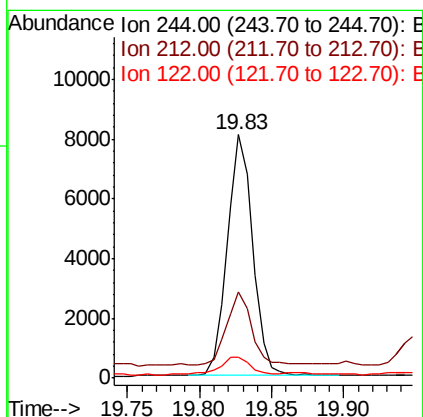
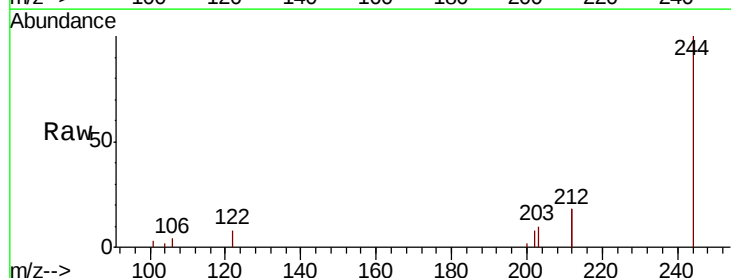
Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

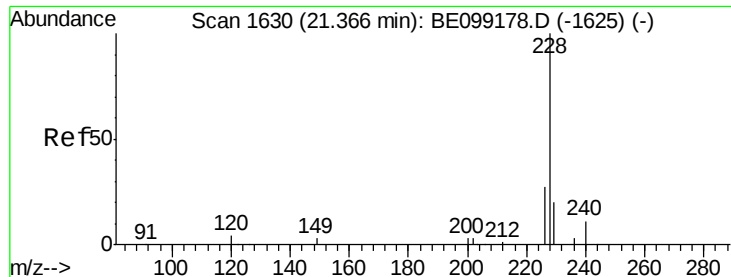
Tgt Ion: 202 Resp: 324463
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 22.4 14.1 21.1#



#29
Terphenyl-d14
Concen: 0.104 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion: 244 Resp: 9924
Ion Ratio Lower Upper
244 100
212 35.4 22.7 34.1#
122 8.3 5.8 8.6





#30

Benzo(a)anthracene

Concen: 1.475 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

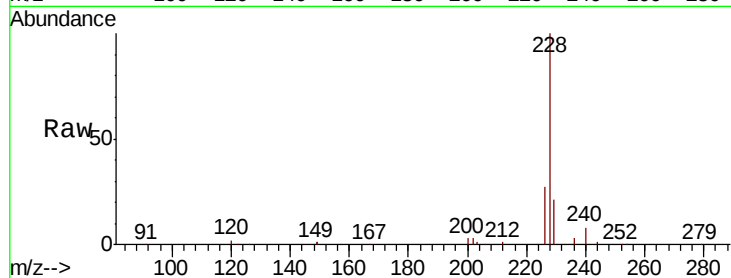
Tgt Ion:228 Resp: 212851

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

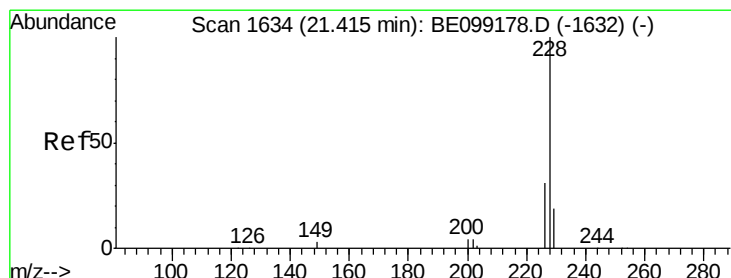
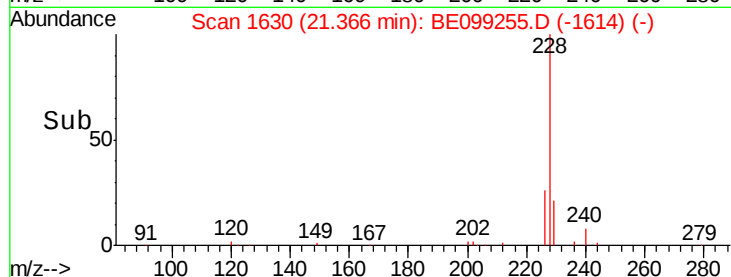
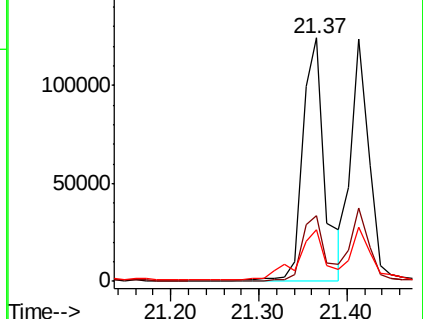
229 21.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 1.115 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

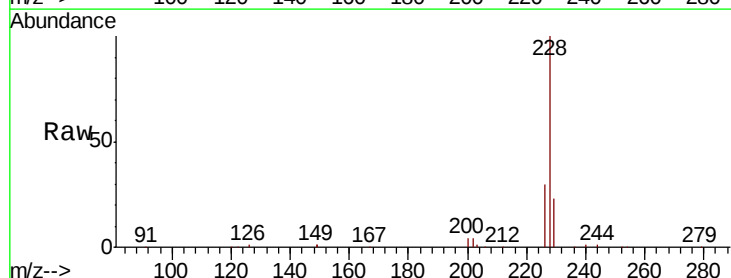
Tgt Ion:228 Resp: 171940

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

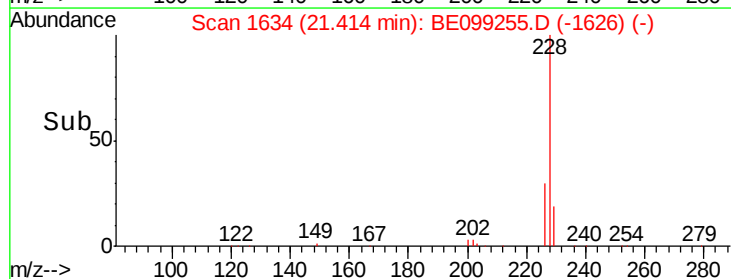
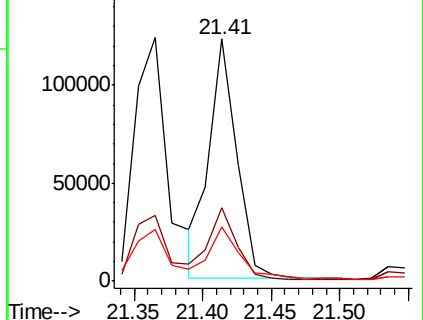
229 22.6 15.4 23.0

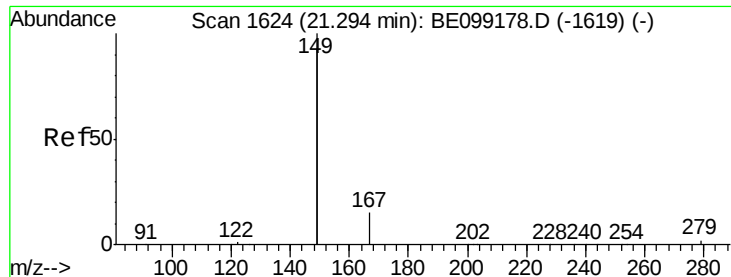


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

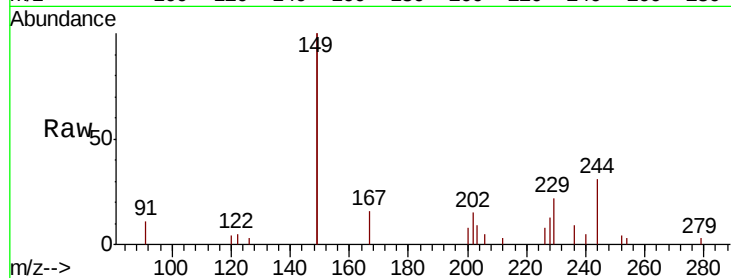
Tgt Ion:149 Resp: 9898

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

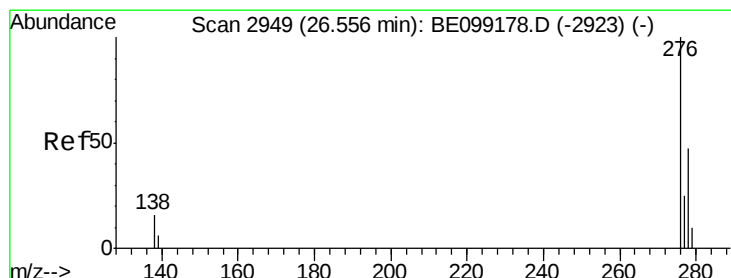
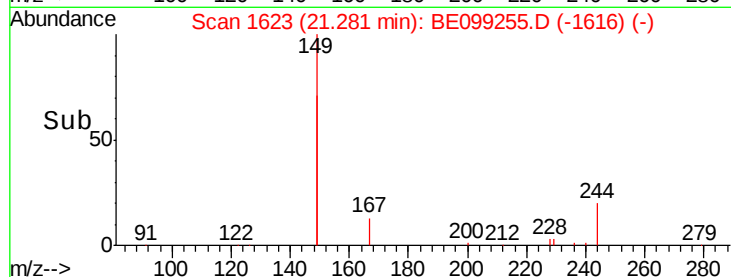
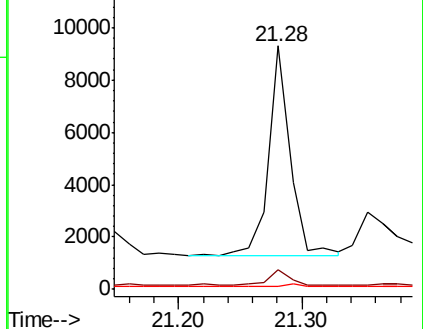
279 1.6 1.0 1.6#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.458 ng

RT: 26.54 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

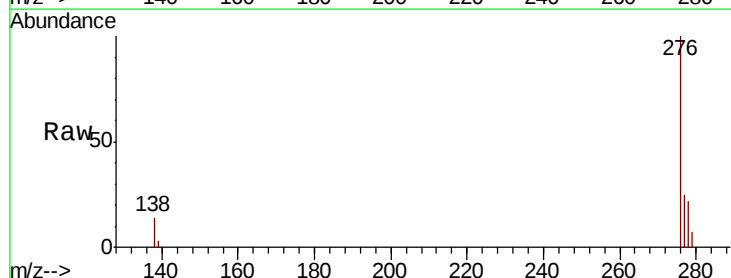
Tgt Ion:276 Resp: 66820

Ion Ratio Lower Upper

276 100

138 12.1 12.9 19.3#

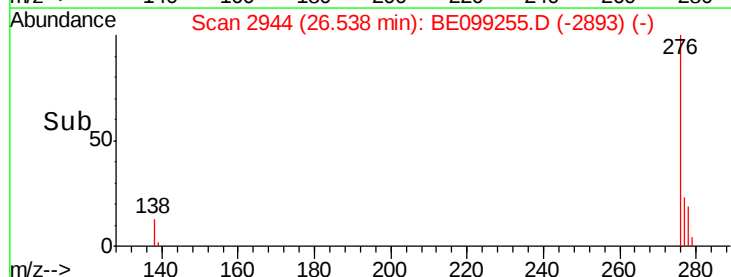
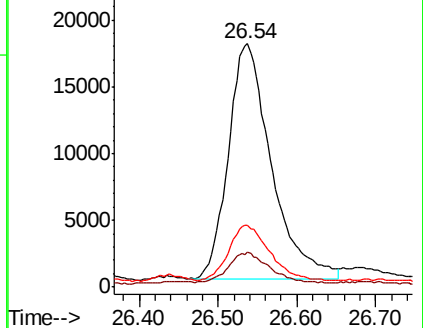
277 22.5 18.3 27.5

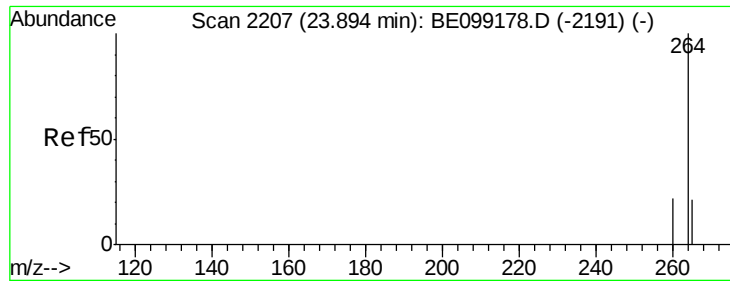


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

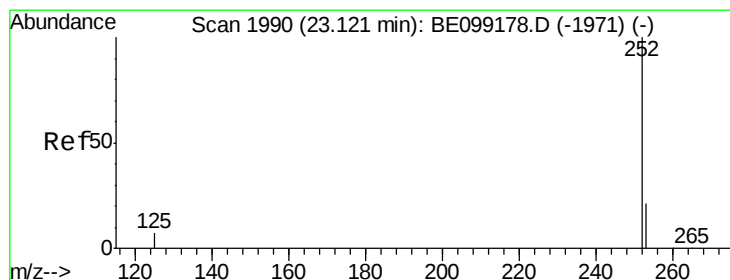
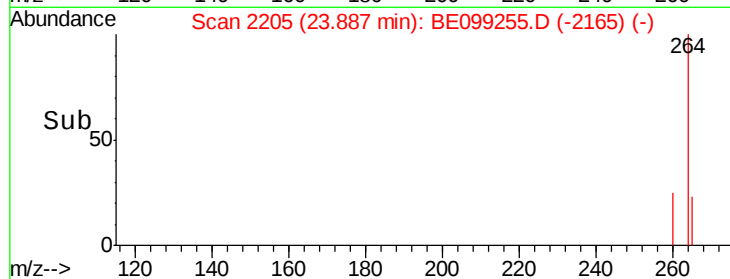
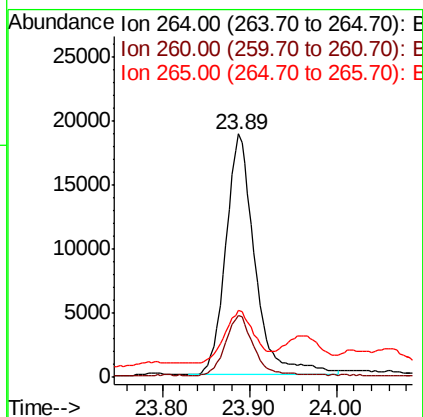
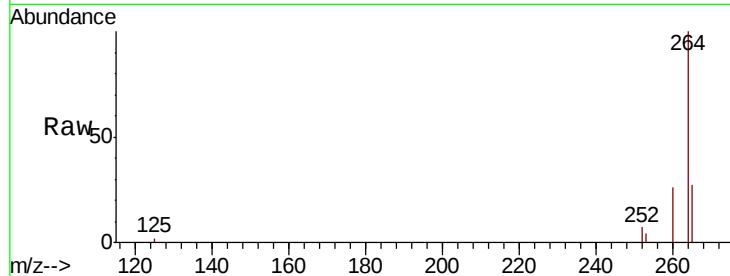




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BE099255.D
 Acq: 29 Mar 2019 15:13

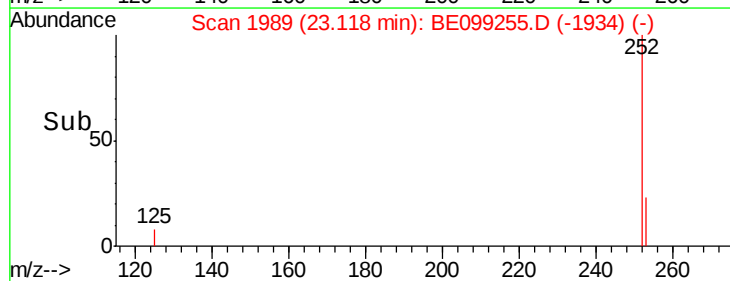
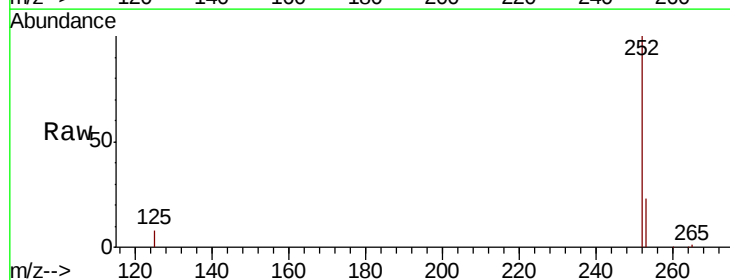
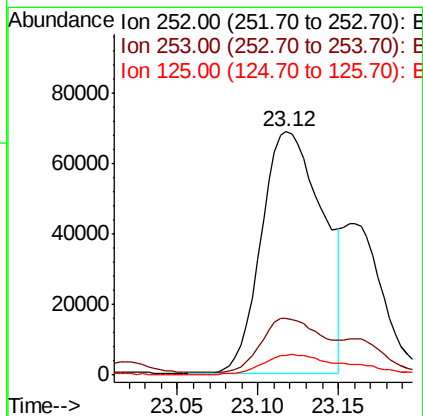
Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW012-032519

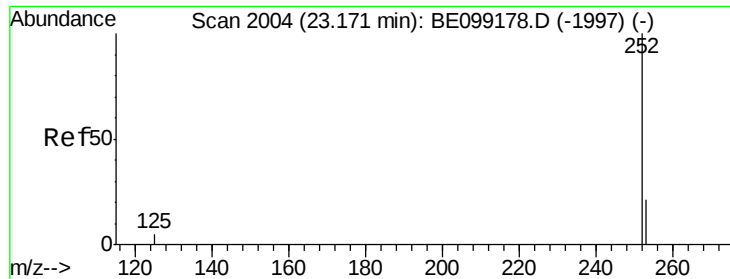
Tgt Ion: 264 Resp: 43686
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.2 27.2
 265 27.4 21.8 32.8



#35
 Benzo(b)fluoranthene
 Concen: 1.274 ng
 RT: 23.12 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BE099255.D
 Acq: 29 Mar 2019 15:13

Tgt Ion: 252 Resp: 183127
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.8 26.8
 125 8.0 6.1 9.1





#36

Benzo(k)fluoranthene

Concen: 1.205 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

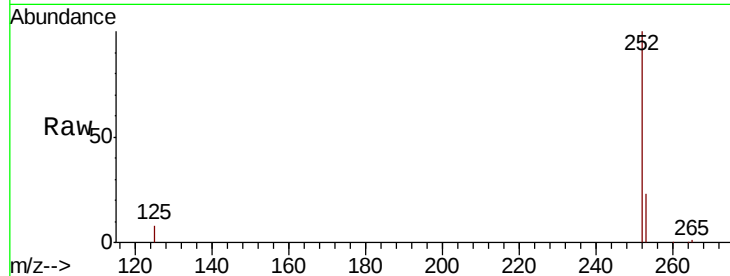
Tgt Ion:252 Resp: 183127

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

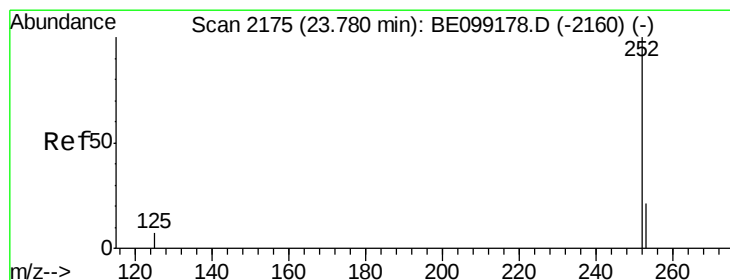
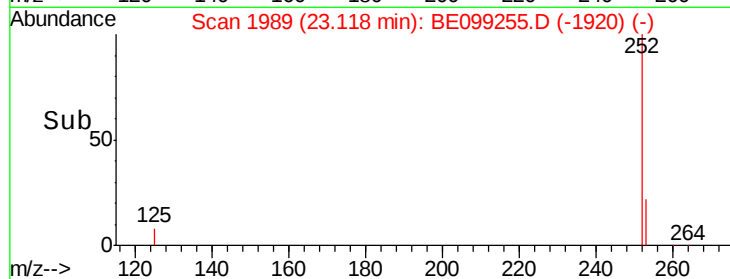
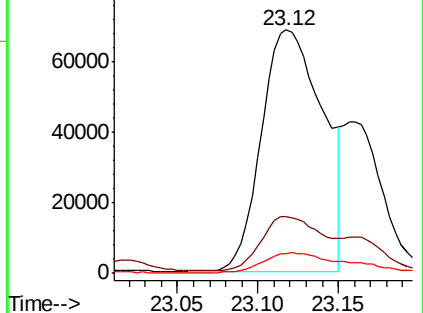
125 8.0 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.988 ng

RT: 23.77 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

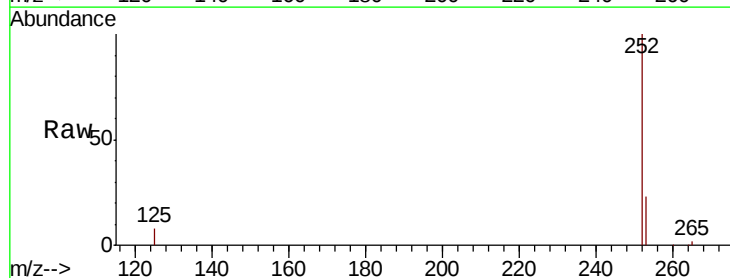
Tgt Ion:252 Resp: 132706

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

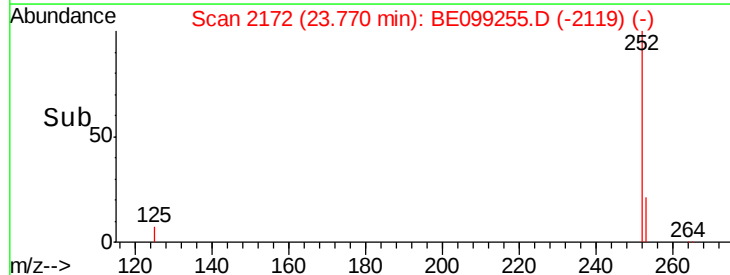
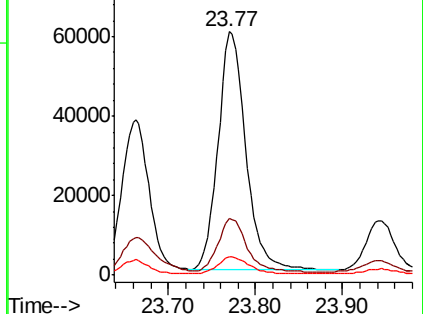
125 7.6 6.8 10.2

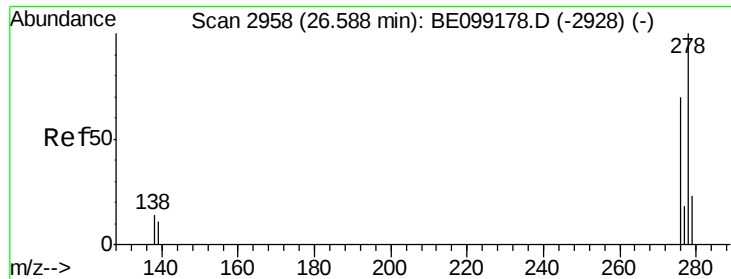


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.152 ng

RT: 26.56 min Scan# 2951

Delta R.T. -0.03 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

Instrument :

BNA_E

ClientSampleId :

EXT-027-SW012-032519

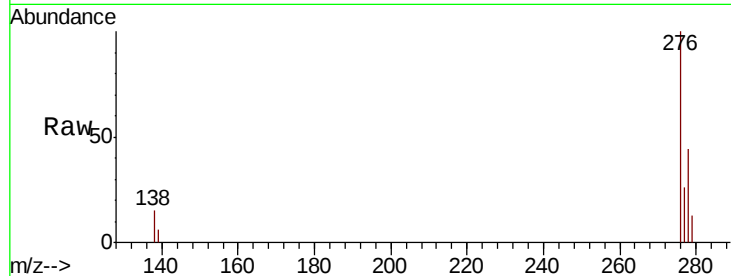
Tgt Ion:278 Resp: 18073

Ion Ratio Lower Upper

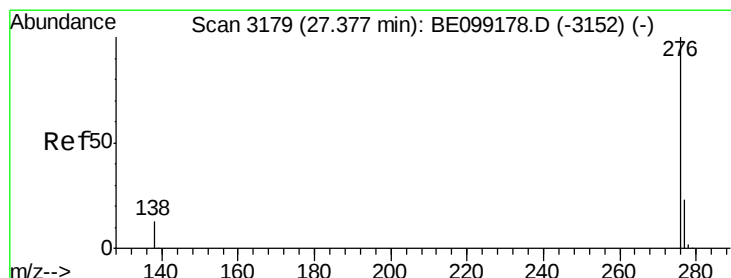
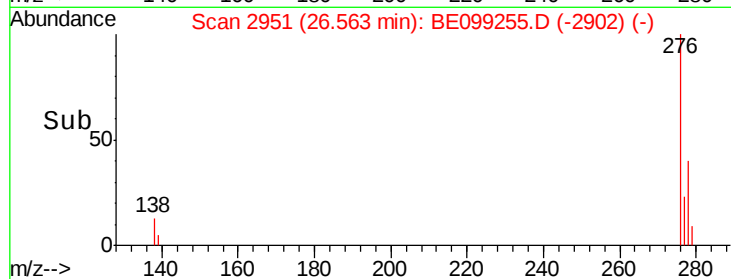
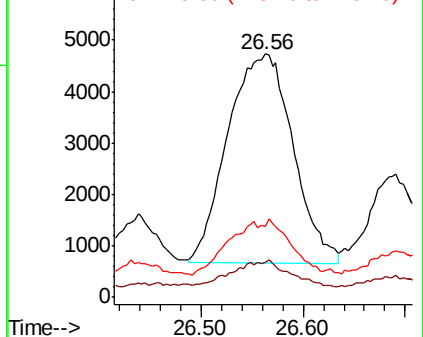
278 100

139 14.5 9.5 14.3#

279 29.3 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.525 ng

RT: 27.36 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BE099255.D

Acq: 29 Mar 2019 15:13

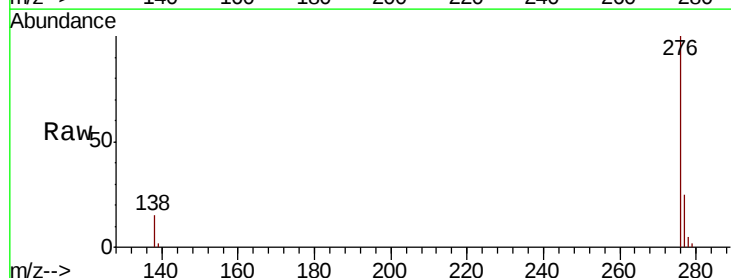
Tgt Ion:276 Resp: 62742

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.4

138 14.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

