

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099262.D
 Acq On : 29 Mar 2019 19:38
 Operator : JU/SJ
 Sample : K1982-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW004-032519

Quant Time: Mar 29 22:57:37 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	3534	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	14221	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10379	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	32156	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	41507	0.40	ng	-0.01
34) Perylene-d12	23.88	264	41745	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	4253	0.40	ng	0.00
5) Phenol-d6	6.99	99	6119	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	4925	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	9865	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	2181	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	14034	0.33	ng	0.00
25) Fluoranthene-d10	19.24	212	141732	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	24305	0.27	ng	0.00

Target Compounds

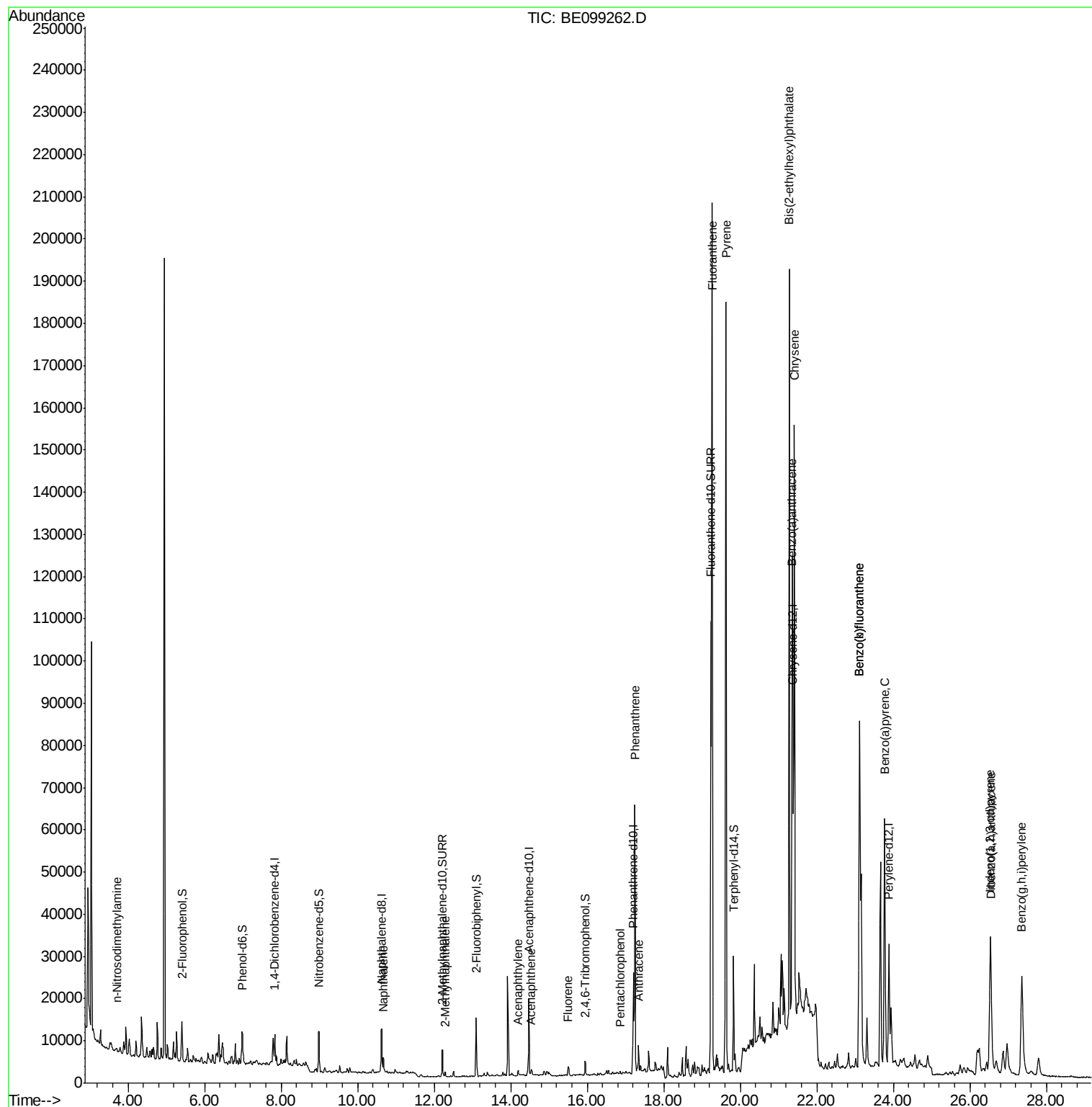
						Qvalue
3) n-Nitrosodimethylamine	3.71	42	614	0.235	ng	# 1
9) Naphthalene	10.67	128	6573	0.039	ng	# 96
12) 2-Methylnaphthalene	12.30	142	883	0.029	ng	# 87
16) Acenaphthylene	14.20	152	2591	0.049	ng	96
17) Acenaphthene	14.53	154	733	0.023	ng	88
18) Fluorene	15.50	166	1929	0.043	ng	# 90
22) Pentachlorophenol	16.85	266	61	0.260	ng	# 68
23) Phenanthrene	17.24	178	65227	0.691	ng	100
24) Anthracene	17.34	178	6105	0.072	ng	# 89
26) Fluoranthene	19.26	202	193436	1.605	ng	99
28) Pyrene	19.63	202	181662	1.317	ng	# 96
30) Benzo(a)anthracene	21.35	228	101960	0.744	ng	97
31) Chrysene	21.41	228	133759	0.914	ng	97
32) Bis(2-ethylhexyl)phthalate	21.28	149	183307	1.122	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	69231	0.500	ng	# 96
35) Benzo(b)fluoranthene	23.11	252	154129	1.122	ng	# 94
36) Benzo(k)fluoranthene	23.11	252	154129	1.061	ng	# 94
37) Benzo(a)pyrene	23.77	252	98389	0.767	ng	97
38) Dibenzo(a,h)anthracene	26.55	278	17627	0.155	ng	# 84
39) Benzo(g,h,i)perylene	27.36	276	69555	0.609	ng	98

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

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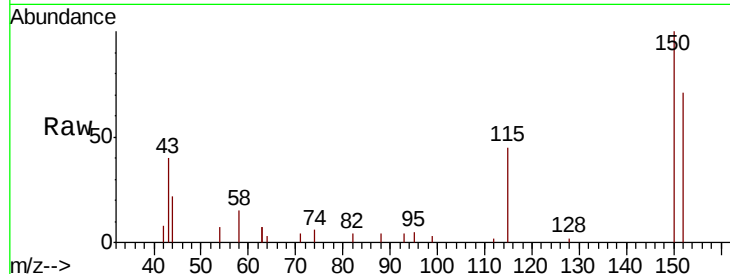


#1

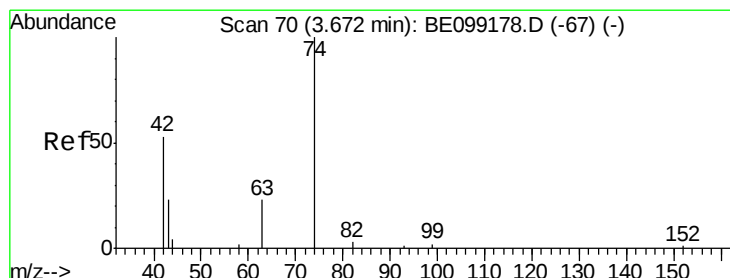
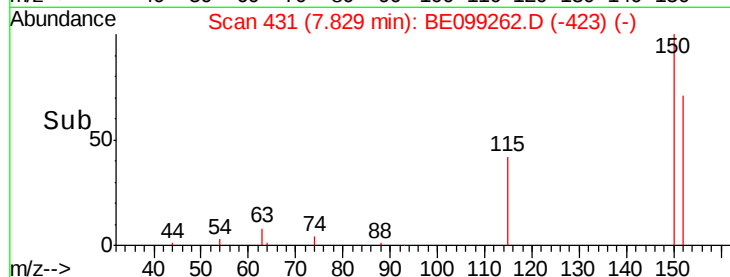
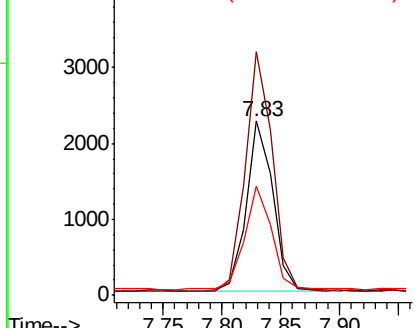
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.83 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BE099262.D
 Acq: 29 Mar 2019 19:38

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW004-032519

Tgt Ion:152 Resp: 3534
 Ion Ratio Lower Upper
 152 100
 150 139.9 112.8 169.2
 115 62.6 45.1 67.7



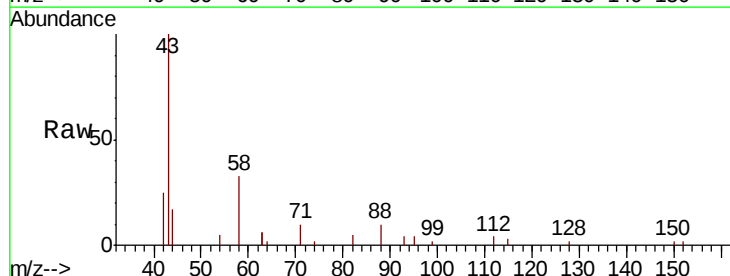
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



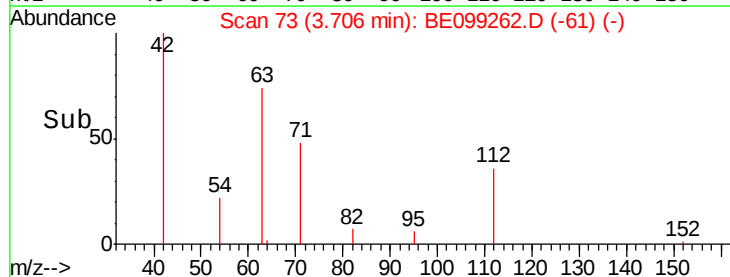
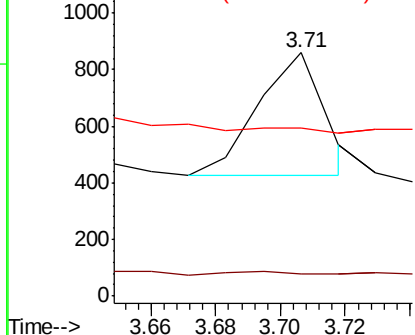
#3

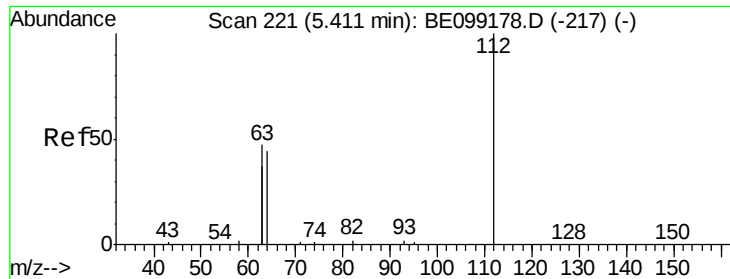
n-Nitrosodimethylamine
 Concen: 0.235 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.03 min
 Lab File: BE099262.D
 Acq: 29 Mar 2019 19:38

Tgt Ion: 42 Resp: 614
 Ion Ratio Lower Upper
 42 100
 74 3.1 138.6 207.8#
 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: 0.403 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

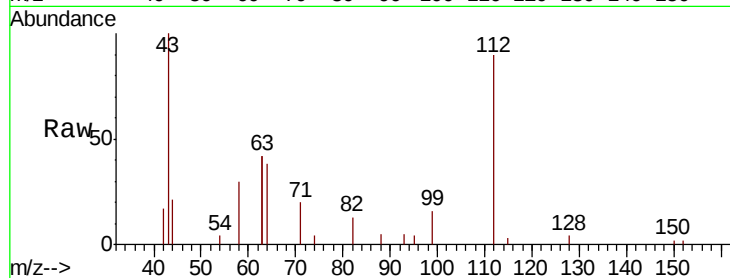
Tgt Ion: 112 Resp: 4253

Ion Ratio Lower Upper

112 100

64 56.9 46.2 69.2

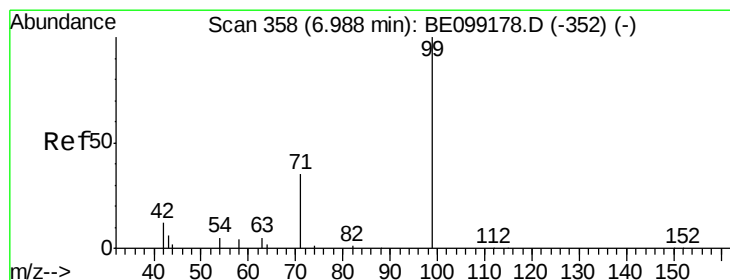
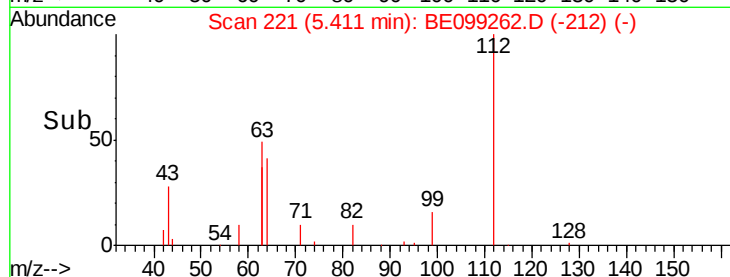
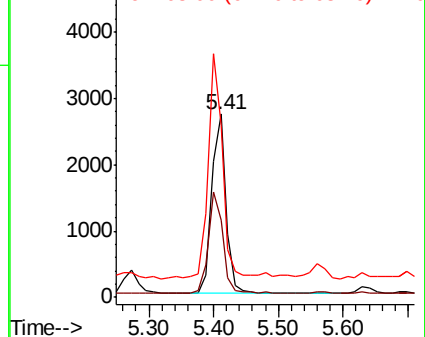
63 117.8 89.9 134.9



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: 0.380 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

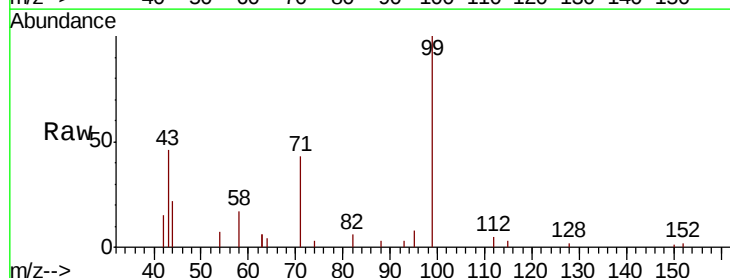
Tgt Ion: 99 Resp: 6119

Ion Ratio Lower Upper

99 100

42 22.8 12.4 18.6#

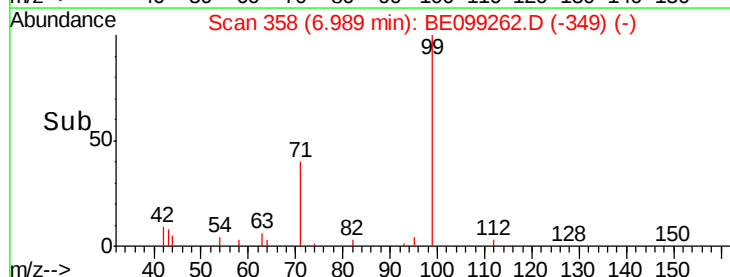
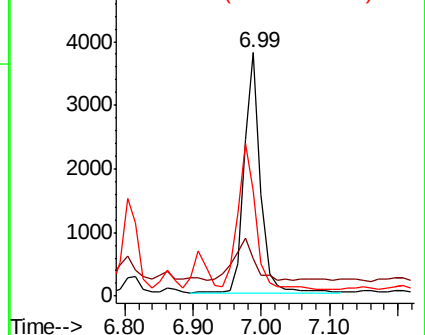
71 68.9 28.4 42.6#

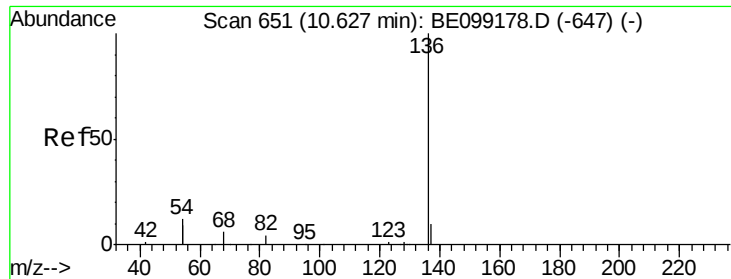


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

Tgt Ion: 136 Resp: 14221

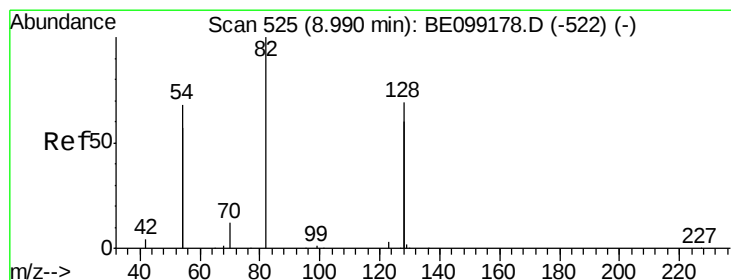
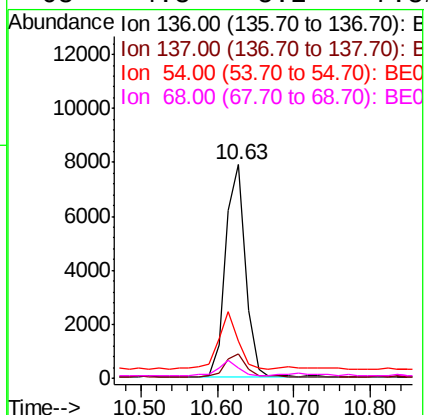
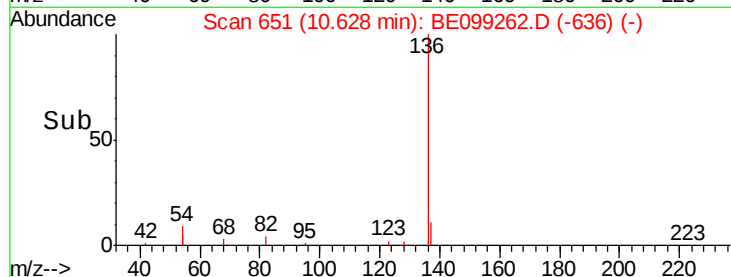
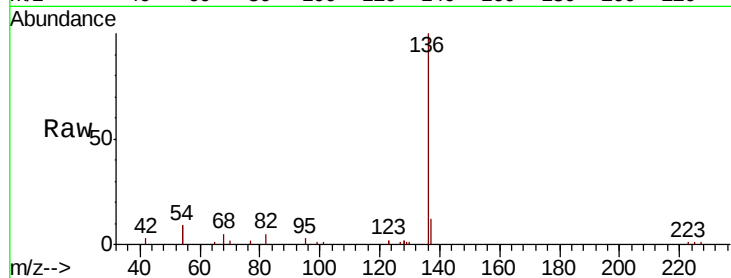
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 17.2 18.7 28.1#

68 4.8 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.424 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

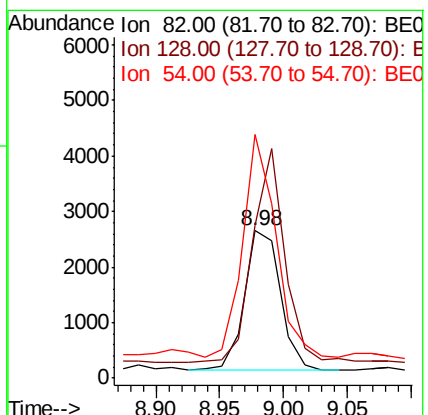
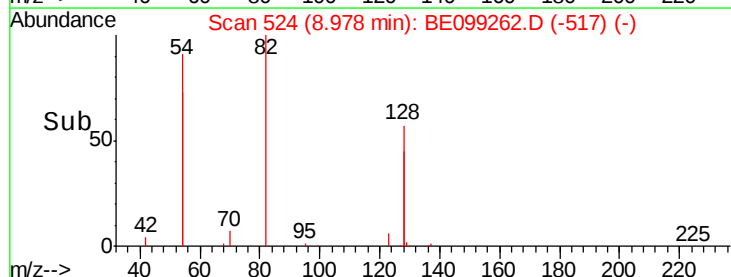
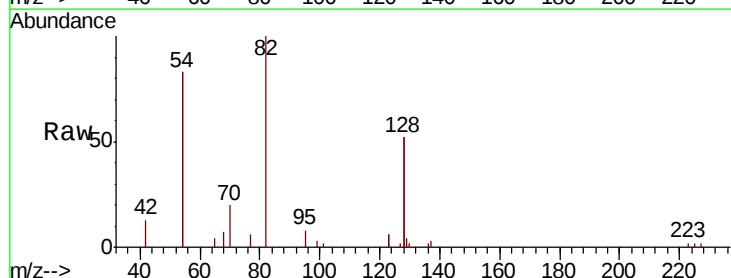
Tgt Ion: 82 Resp: 4925

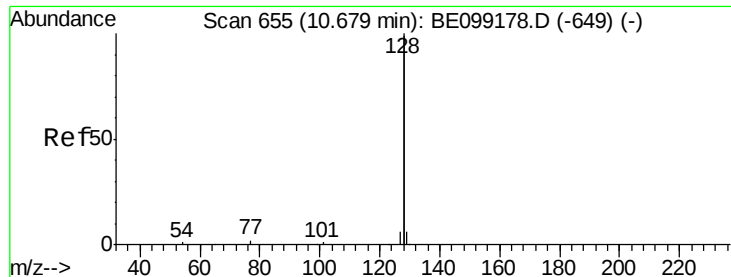
Ion Ratio Lower Upper

82 100

128 104.2 107.5 161.3#

54 165.6 106.3 159.5#





#9

Naphthalene

Concen: 0.039 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

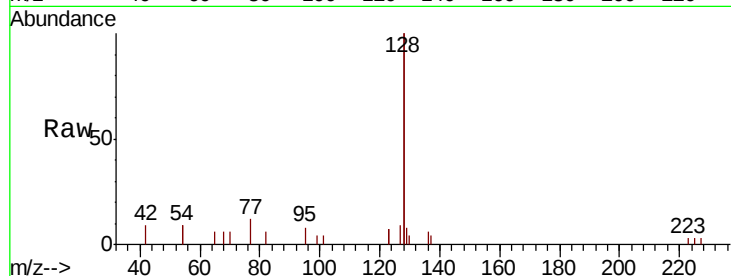
Tgt Ion:128 Resp: 6573

Ion Ratio Lower Upper

128 100

129 3.9 2.3 3.5#

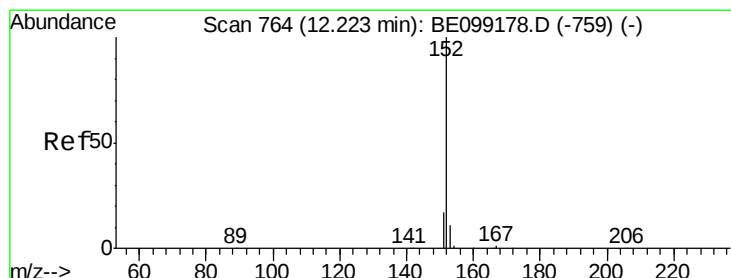
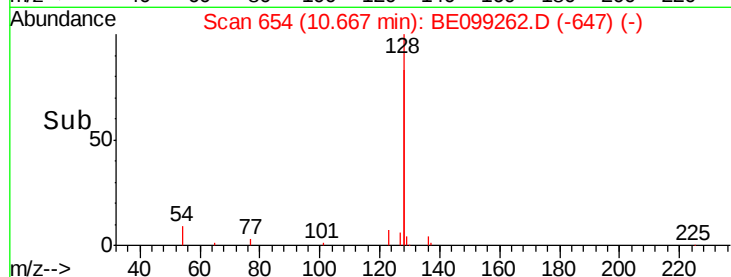
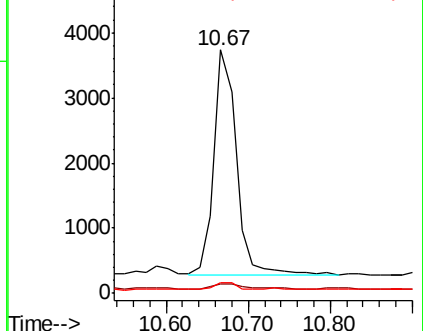
127 4.6 2.6 3.8#



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: 0.360 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099262.D

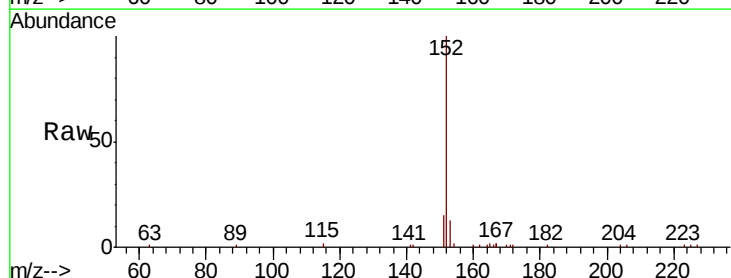
Acq: 29 Mar 2019 19:38

Tgt Ion:152 Resp: 9865

Ion Ratio Lower Upper

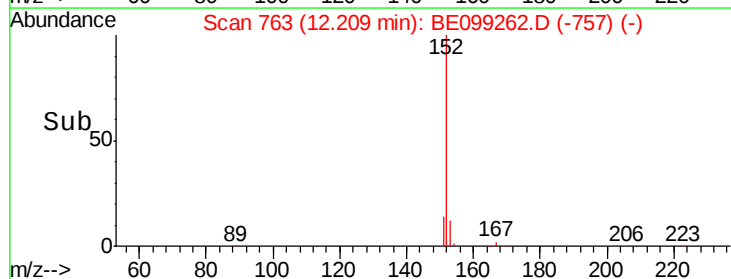
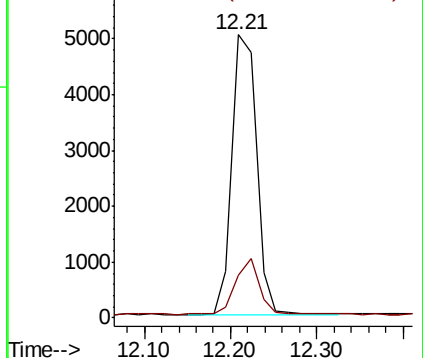
152 100

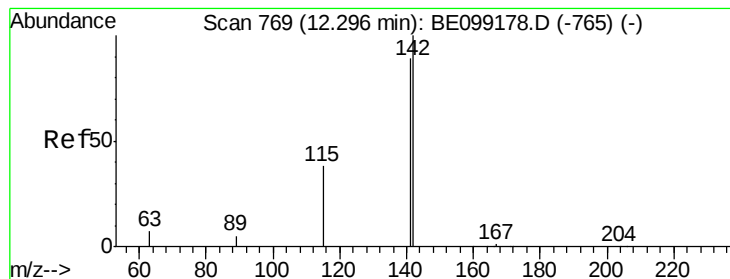
151 18.6 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

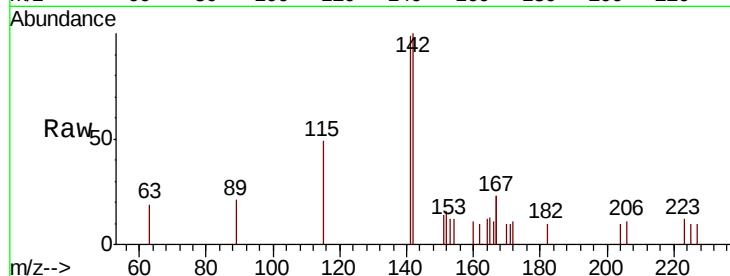
Tgt Ion:142 Resp: 883

Ion Ratio Lower Upper

142 100

141 99.0 71.3 106.9

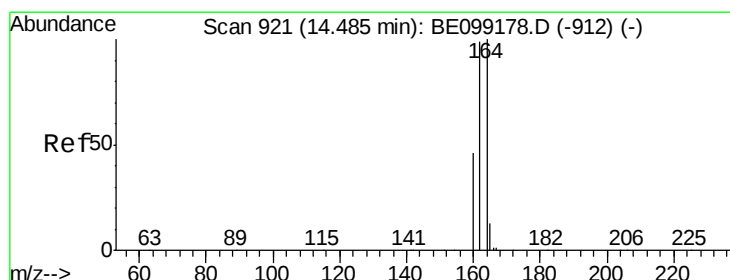
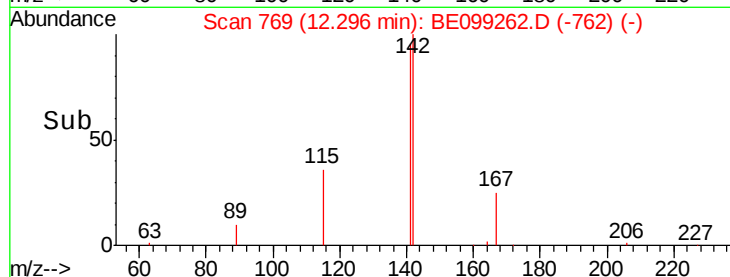
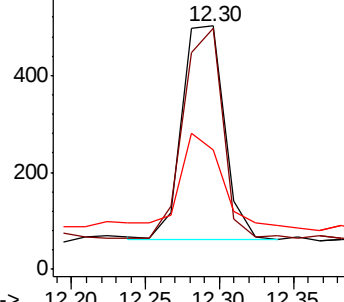
115 49.0 30.4 45.6#



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: BE099262.D

Acq: 29 Mar 2019 19:38

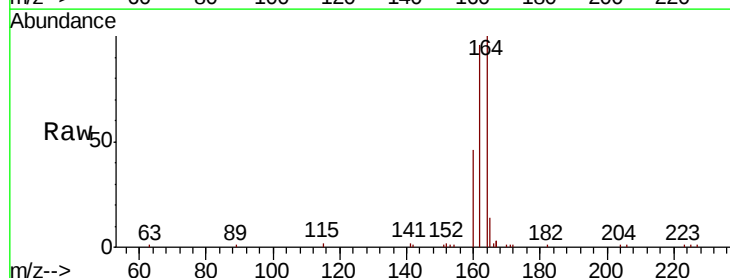
Tgt Ion:164 Resp: 10379

Ion Ratio Lower Upper

164 100

162 96.2 79.2 118.8

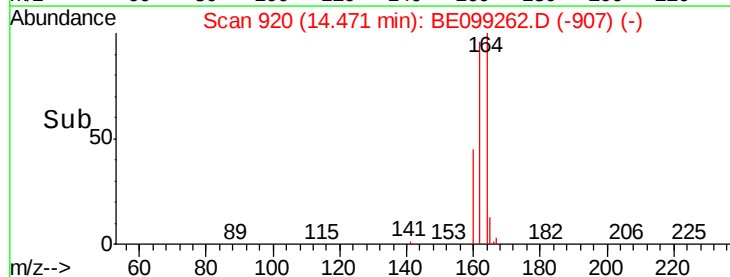
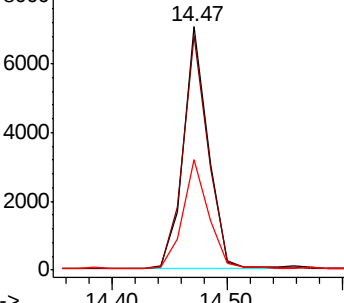
160 45.6 36.7 55.1

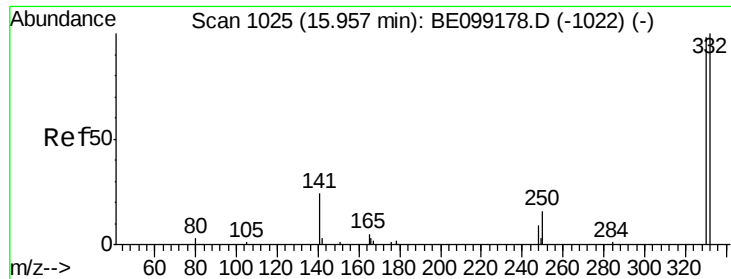


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

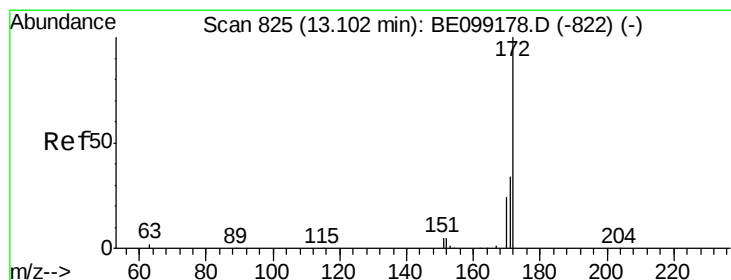
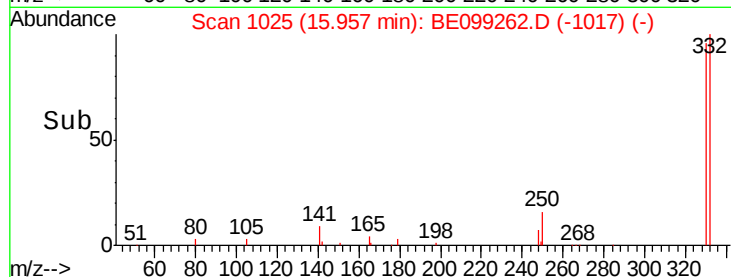
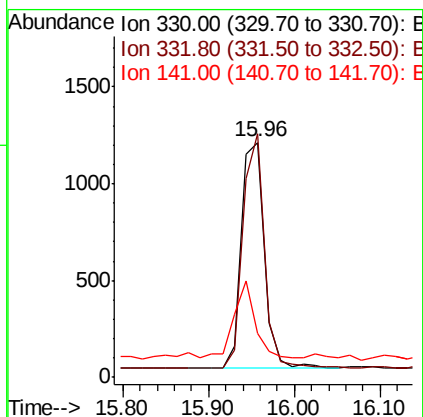
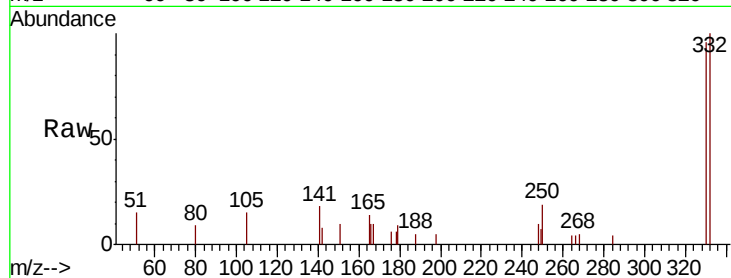




#14
 2,4,6-Tribromophenol
 Concen: 0.596 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099262.D
 Acq: 29 Mar 2019 19:38

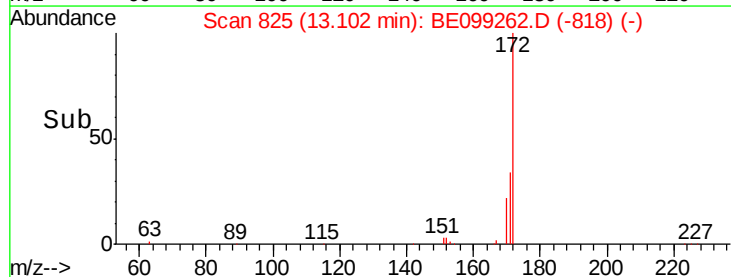
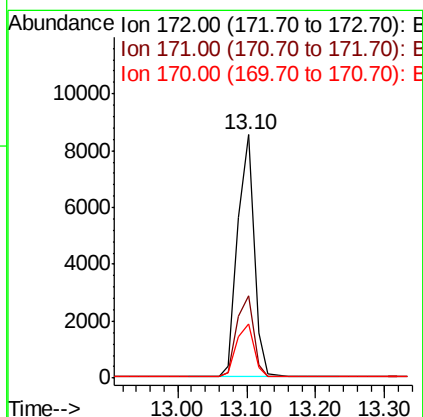
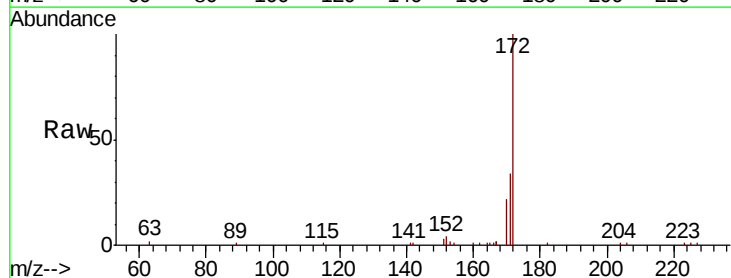
Instrument :
 BNA_E
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 EXT-028-SW004-032519

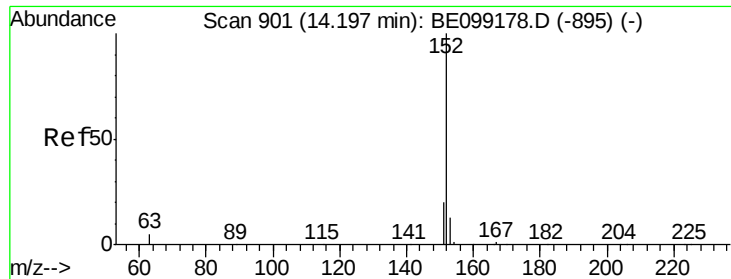
Tgt Ion:330 Resp: 2181
 Ion Ratio Lower Upper
 330 100
 332 97.1 71.3 106.9
 141 30.6 21.7 32.5



#15
 2-Fluorobiphenyl
 Concen: 0.332 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099262.D
 Acq: 29 Mar 2019 19:38

Tgt Ion:172 Resp: 14034
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.4 41.0
 170 22.3 19.1 28.7

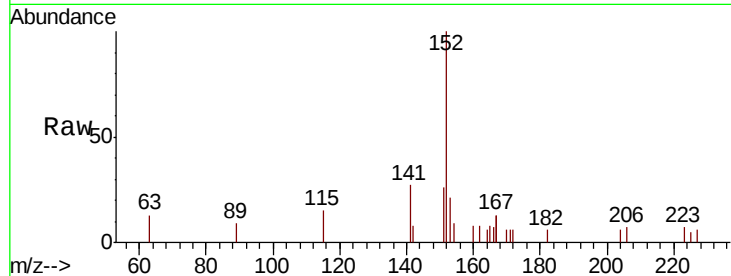




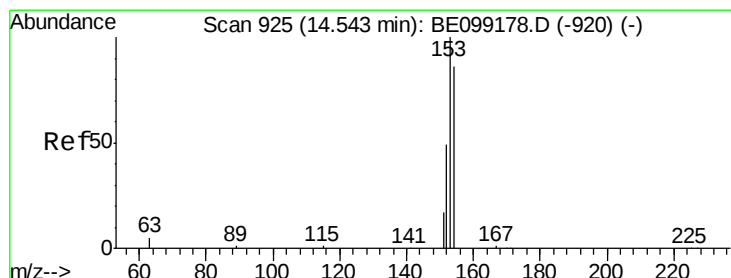
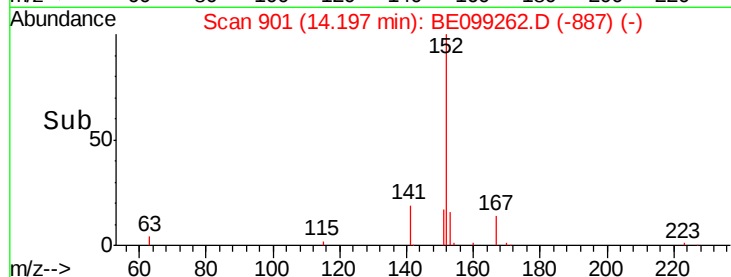
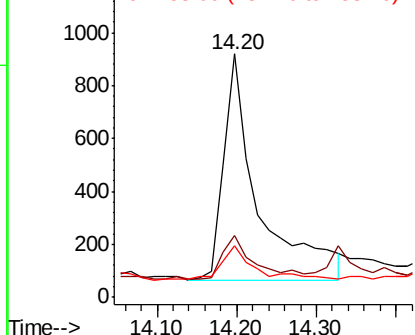
#16
Acenaphthylene
Concen: 0.049 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion: 152 Resp: 2591
Ion Ratio Lower Upper
152 100
151 17.2 15.7 23.5
153 13.9 10.6 15.8

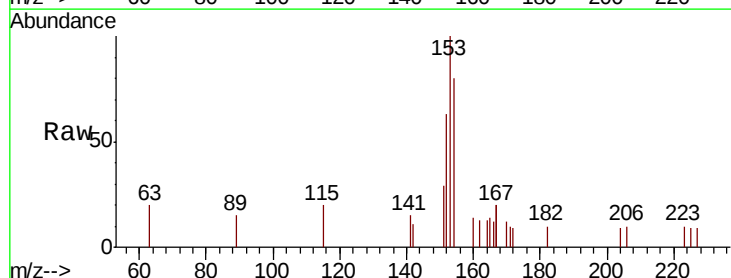


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

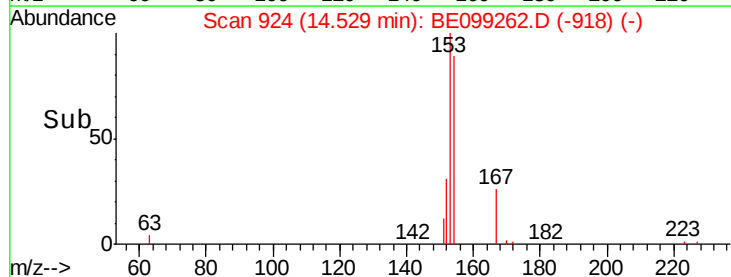
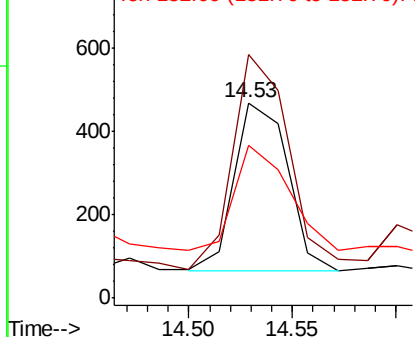


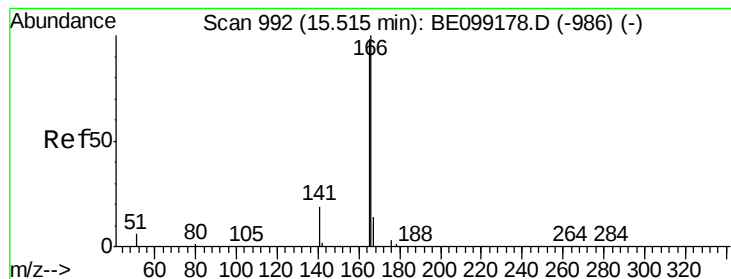
#17
Acenaphthene
Concen: 0.023 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion: 154 Resp: 733
Ion Ratio Lower Upper
154 100
153 132.6 93.4 140.0
152 63.8 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: 0.043 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

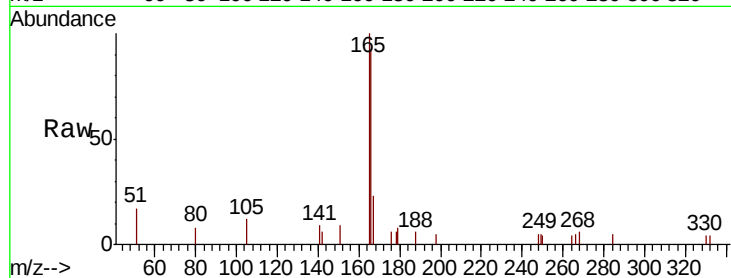
Tgt Ion:166 Resp: 1929

Ion Ratio Lower Upper

166 100

165 90.0 78.9 118.3

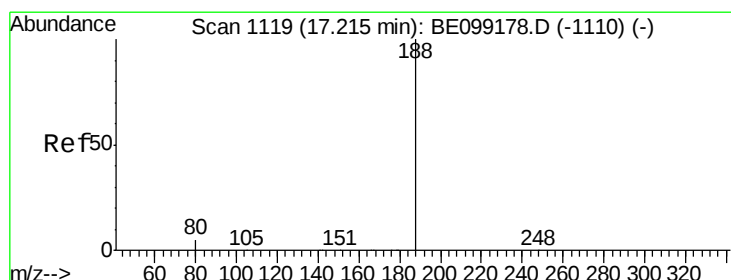
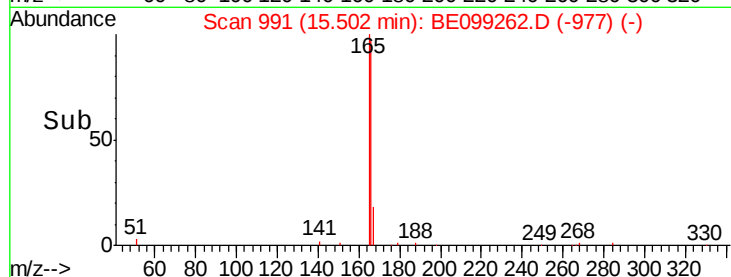
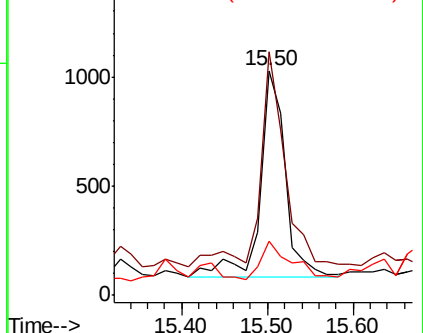
167 21.8 10.9 16.3#



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: BE099262.D

Acq: 29 Mar 2019 19:38

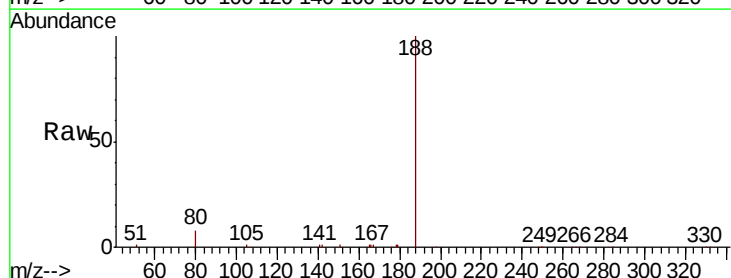
Tgt Ion:188 Resp: 32156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

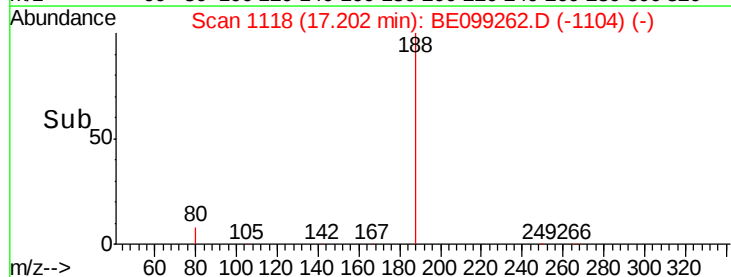
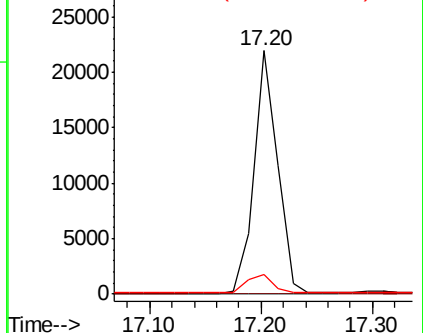
80 8.2 4.5 6.7#

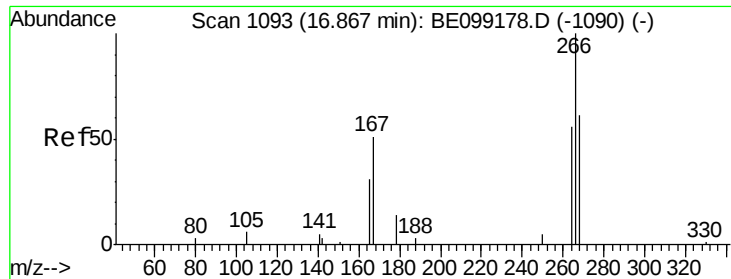


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.260 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

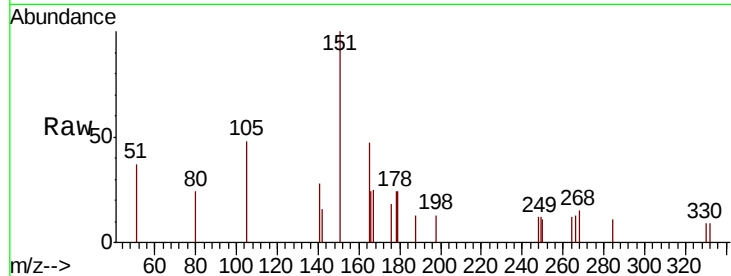
Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

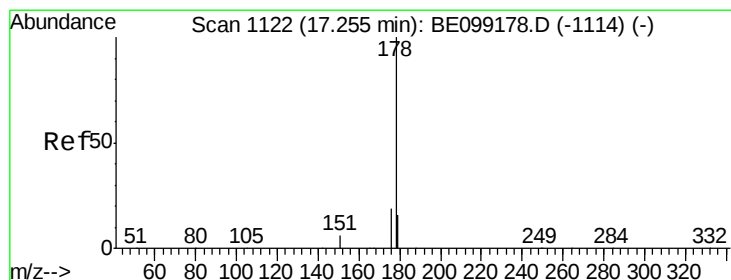
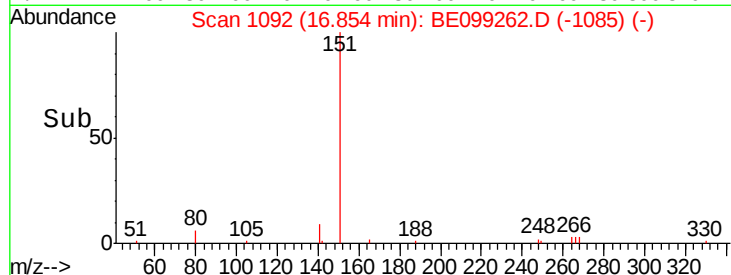
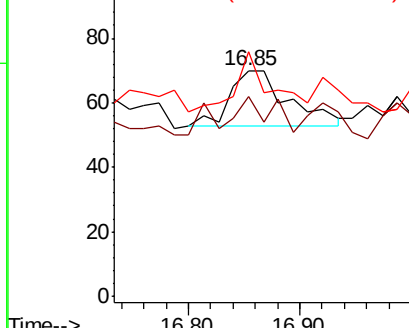
Tgt Ion:	266	Resp:	61
Ion	Ratio	Lower	Upper
266	100		
264	88.6	54.4	81.6#
268	108.6	61.3	91.9#



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



#23

Phenanthrene

Concen: 0.691 ng

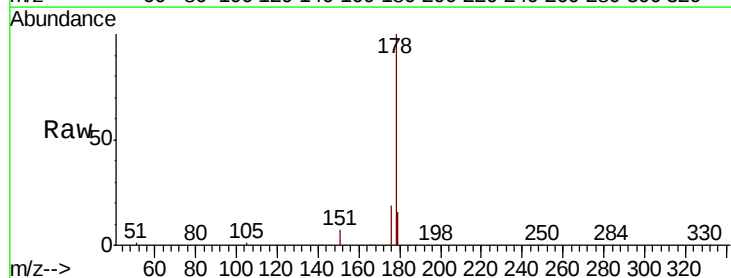
RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

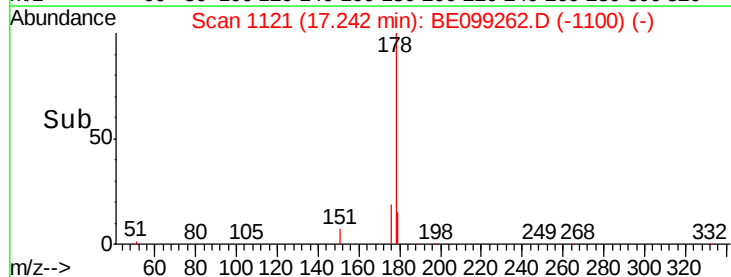
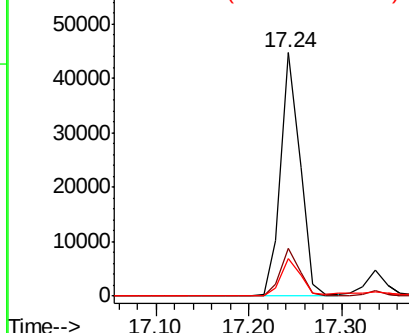
Tgt Ion:	178	Resp:	65227
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.3	18.5

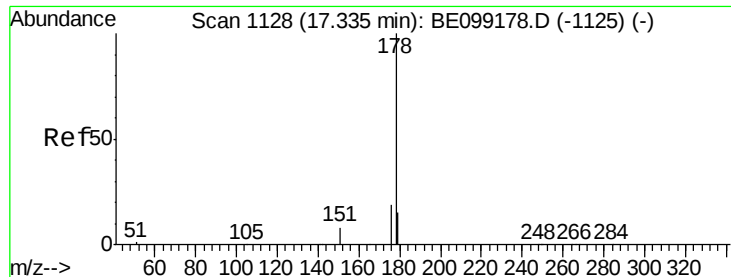


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.072 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

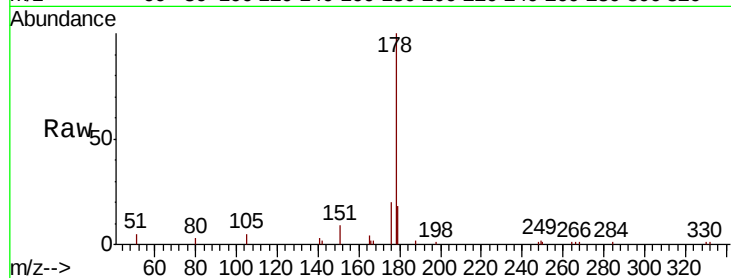
Tgt Ion:178 Resp: 6105

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

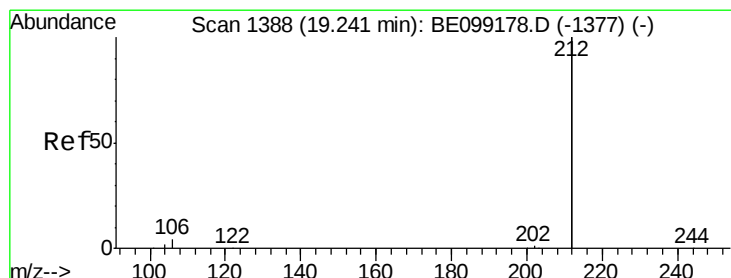
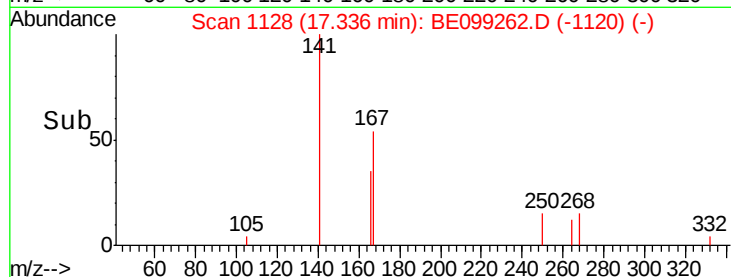
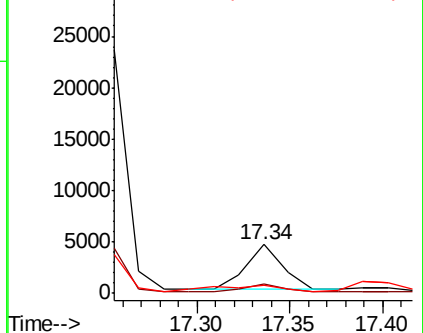
179 24.8 12.4 18.6#



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: 0.364 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

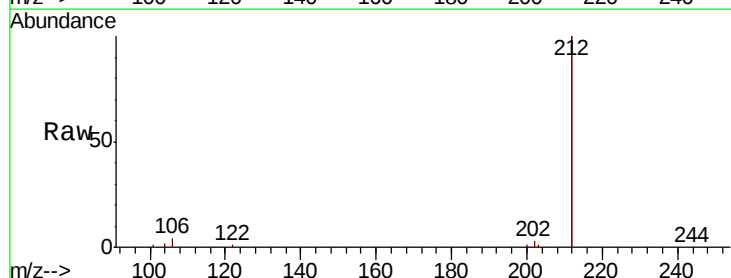
Tgt Ion:212 Resp: 141732

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

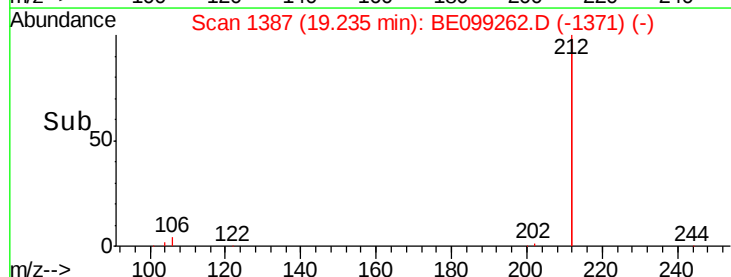
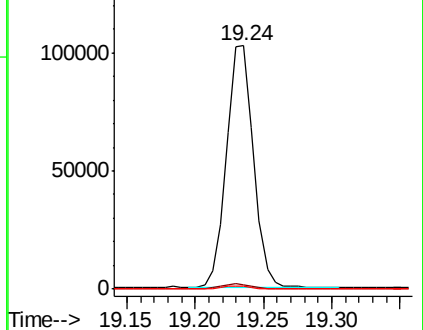
104 1.3 1.1 1.7

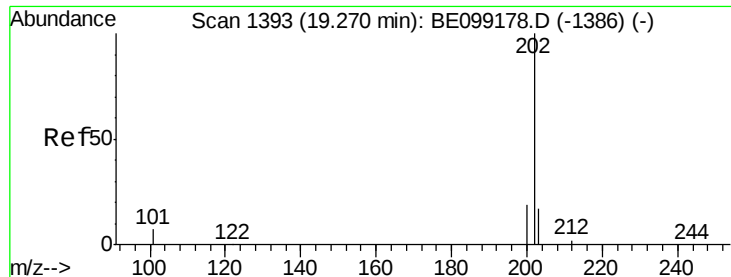


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

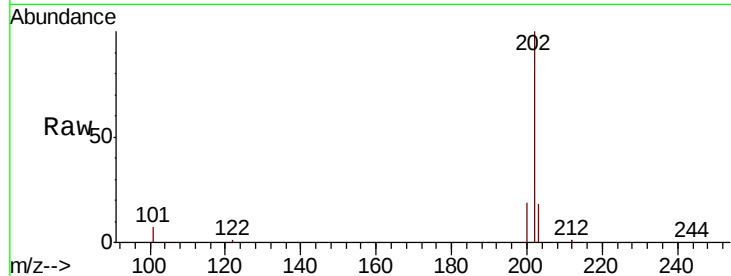




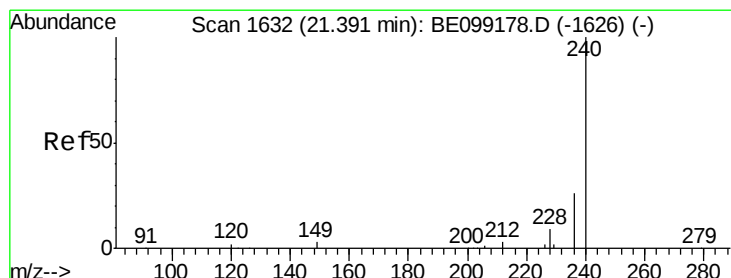
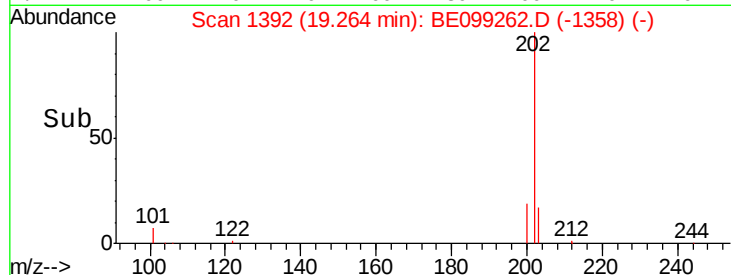
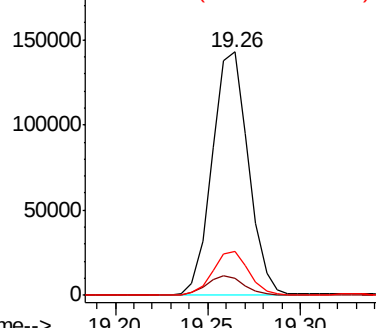
#26
Fluoranthene
Concen: 1.605 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion: 202 Resp: 193436
Ion Ratio Lower Upper
202 100
101 8.0 7.0 10.4
203 17.5 13.8 20.6

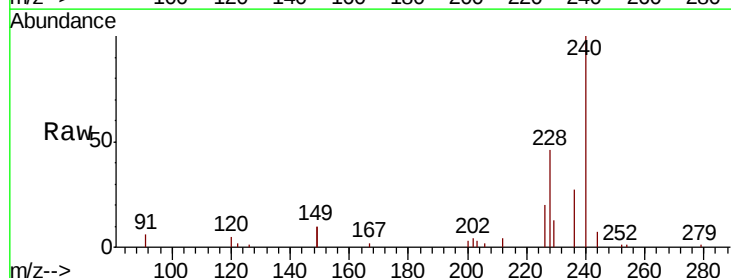


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

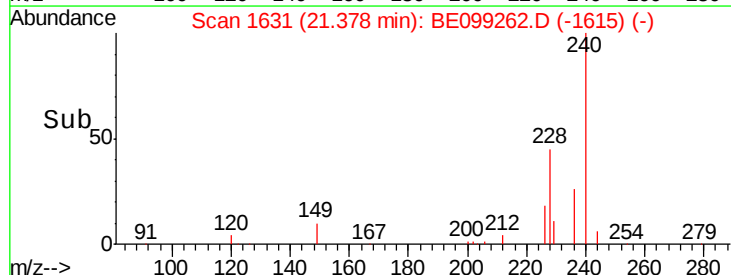
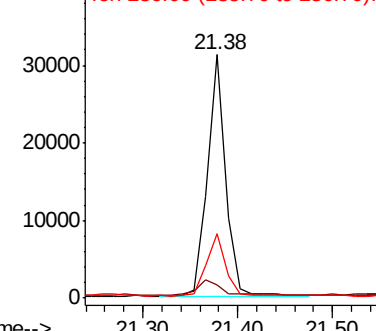


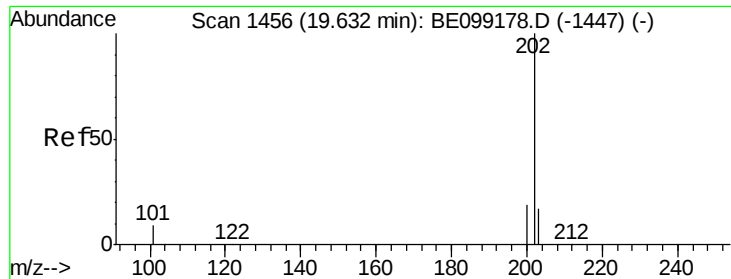
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion: 240 Resp: 41507
Ion Ratio Lower Upper
240 100
120 5.2 2.6 3.8#
236 26.5 20.9 31.3



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

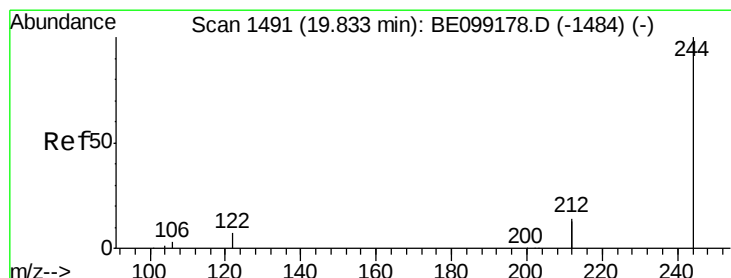
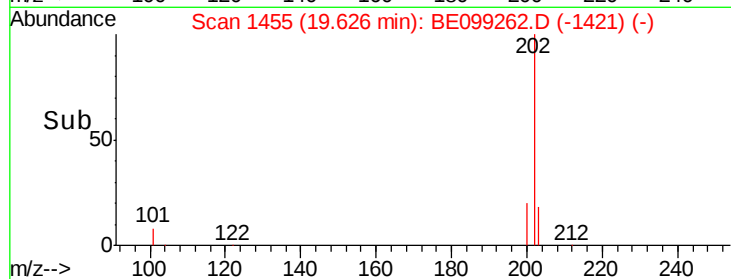
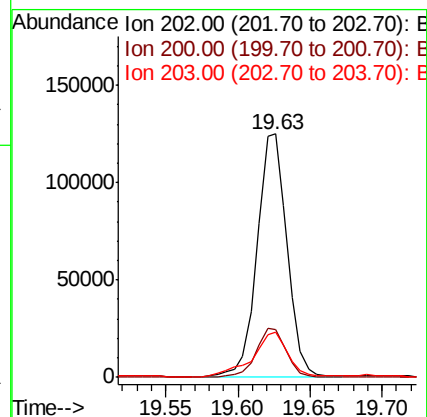
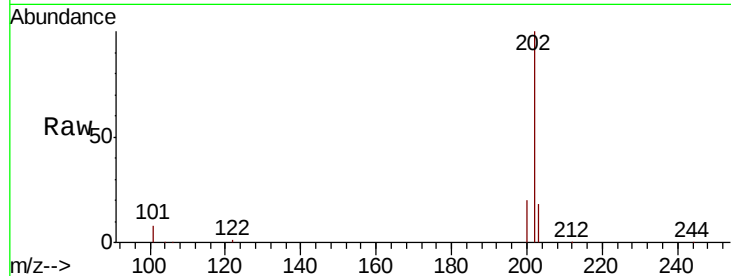




#28
 Pyrene
 Concen: 1.317 ng
 RT: 19.63 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BE099262.D
 Acq: 29 Mar 2019 19:38

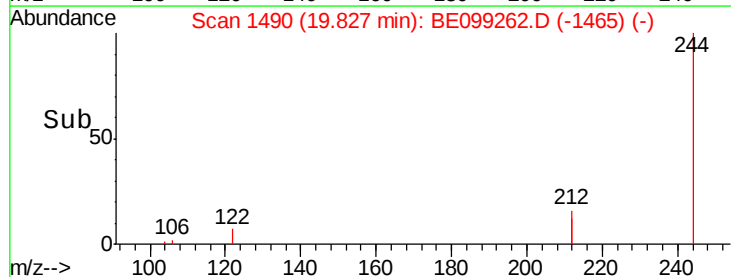
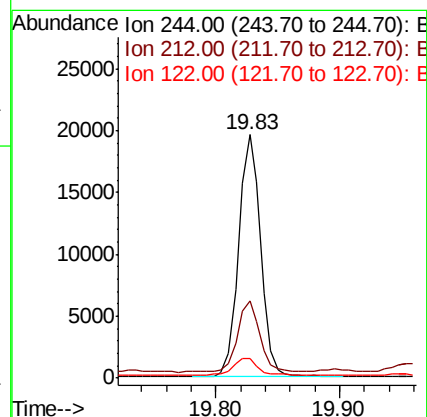
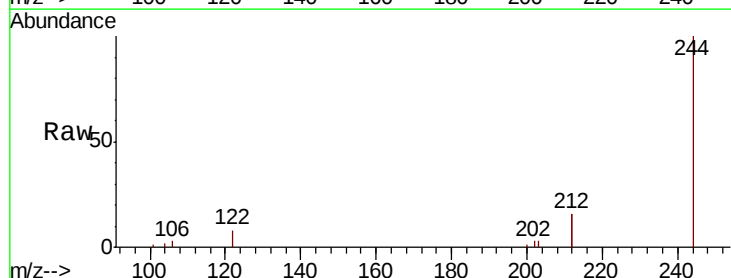
Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW004-032519

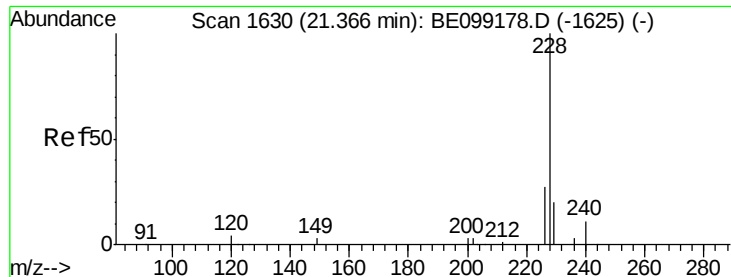
Tgt Ion: 202 Resp: 181662
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.8 23.8
 203 21.2 14.1 21.1#



#29
 Terphenyl-d14
 Concen: 0.269 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BE099262.D
 Acq: 29 Mar 2019 19:38

Tgt Ion: 244 Resp: 24305
 Ion Ratio Lower Upper
 244 100
 212 31.6 22.7 34.1
 122 7.9 5.8 8.6





#30

Benzo(a)anthracene

Concen: 0.744 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

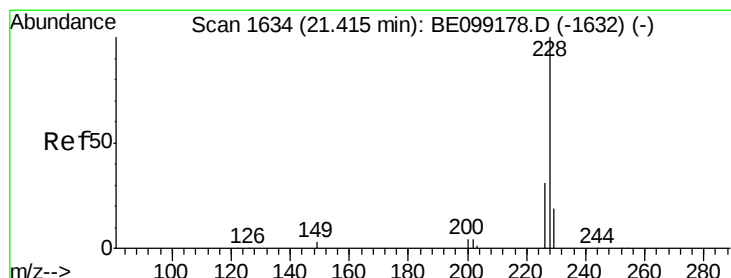
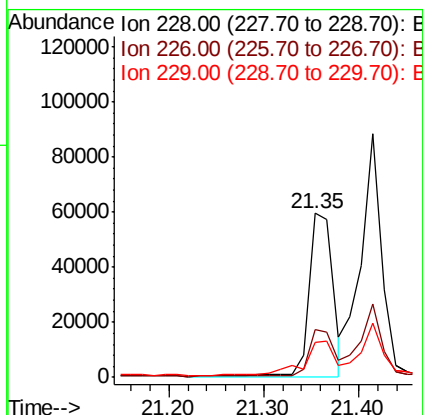
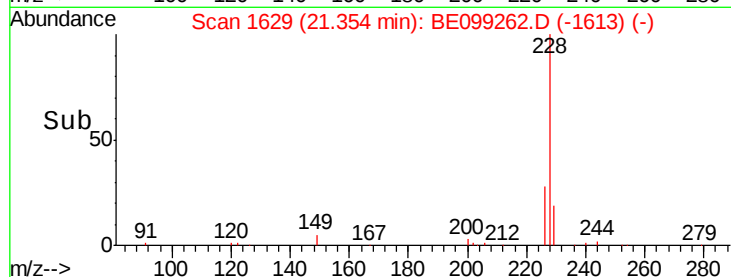
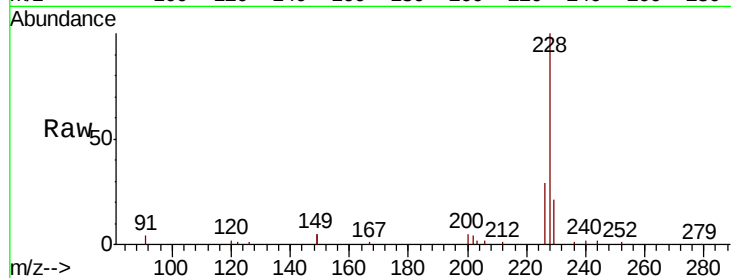
Tgt Ion:228 Resp: 101960

Ion Ratio Lower Upper

228 100

226 29.0 21.7 32.5

229 21.0 15.9 23.9



#31

Chrysene

Concen: 0.914 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

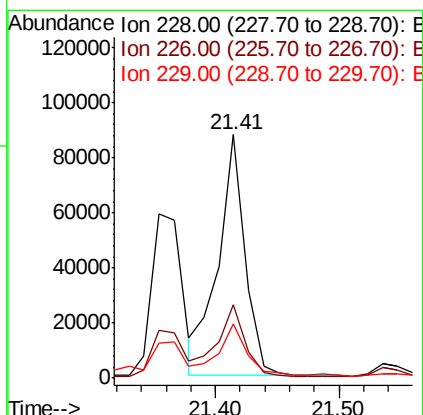
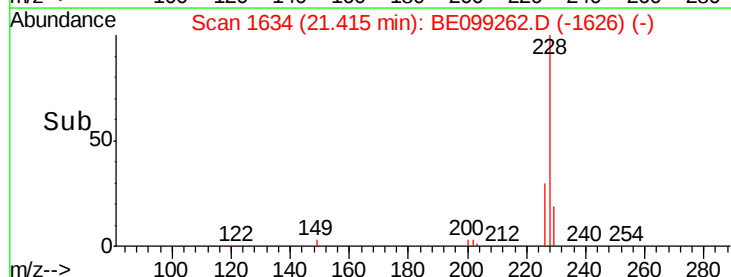
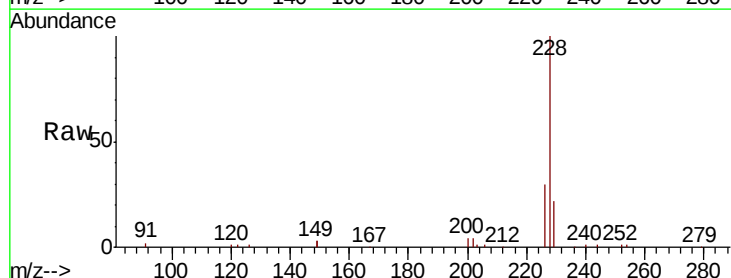
Tgt Ion:228 Resp: 133759

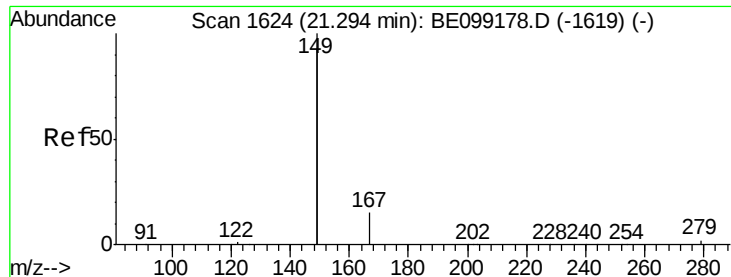
Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

229 22.1 15.4 23.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.122 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

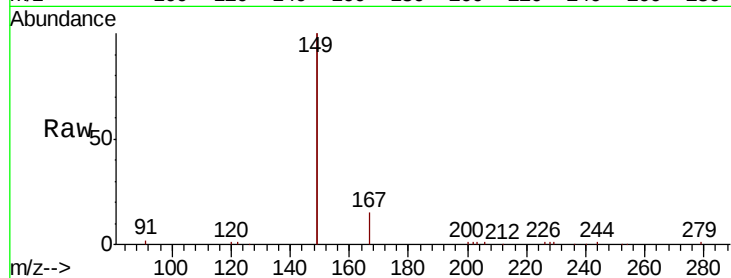
Tgt Ion:149 Resp: 183307

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

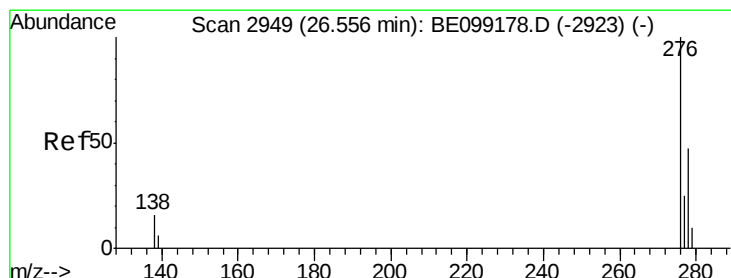
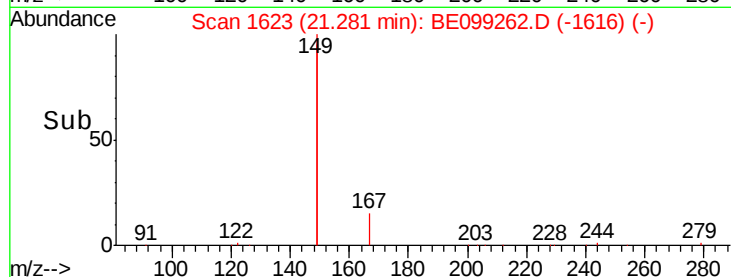
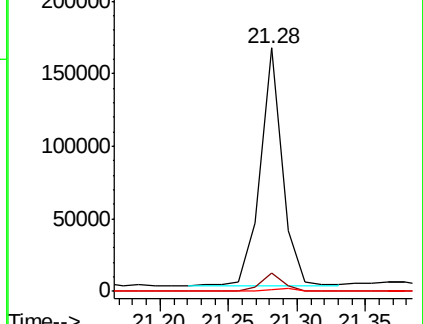
279 1.3 1.0 1.6



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: 0.500 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.02 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

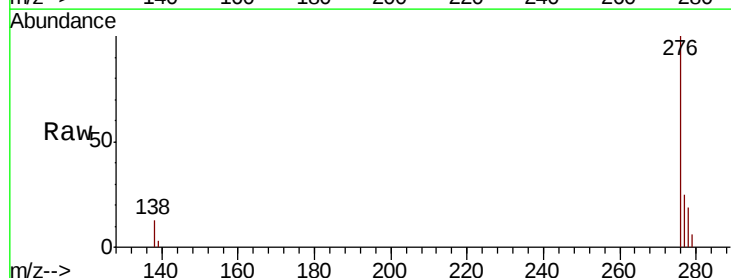
Tgt Ion:276 Resp: 69231

Ion Ratio Lower Upper

276 100

138 12.4 12.9 19.3#

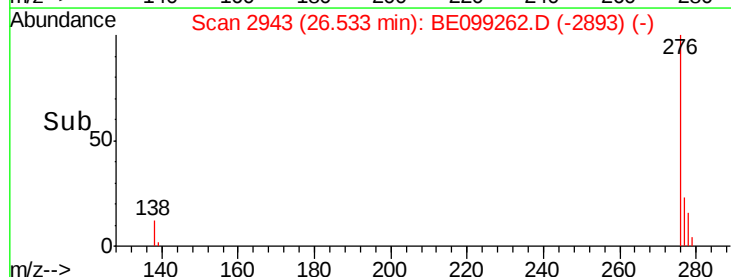
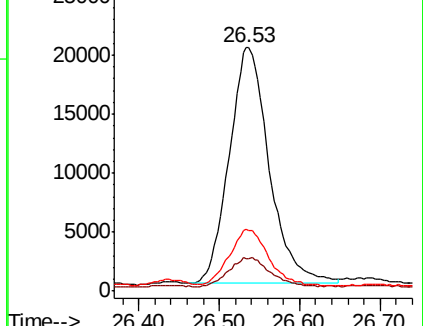
277 23.5 18.3 27.5

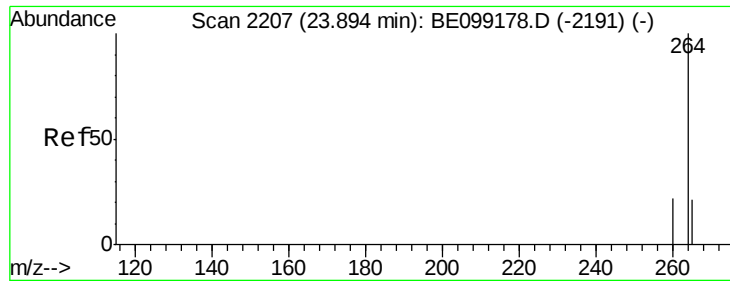


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

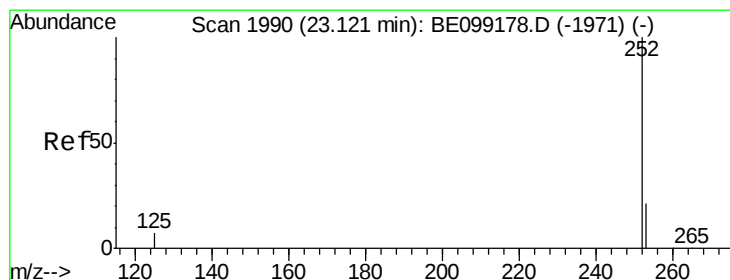
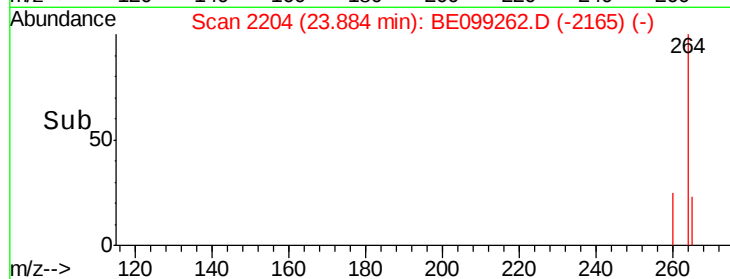
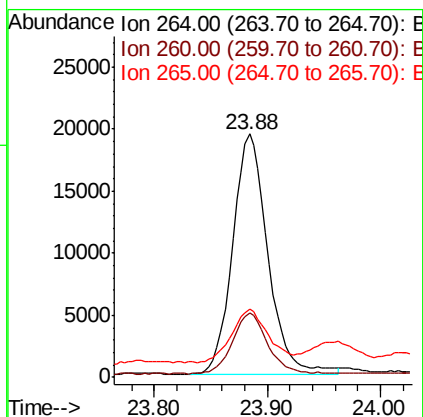
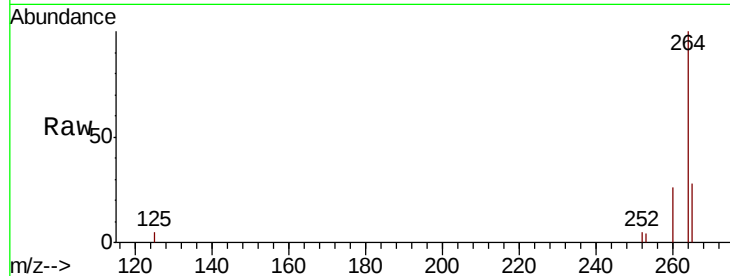




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

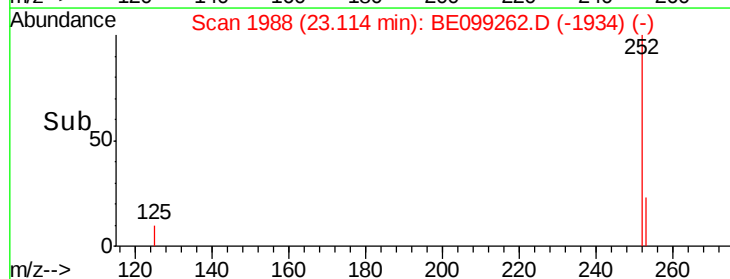
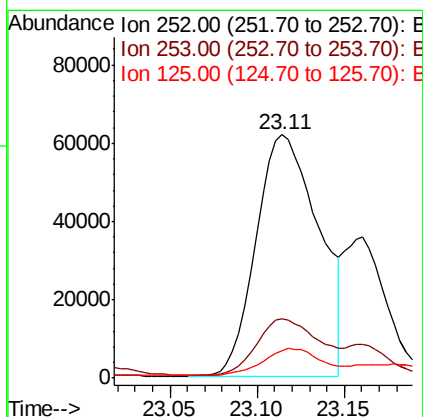
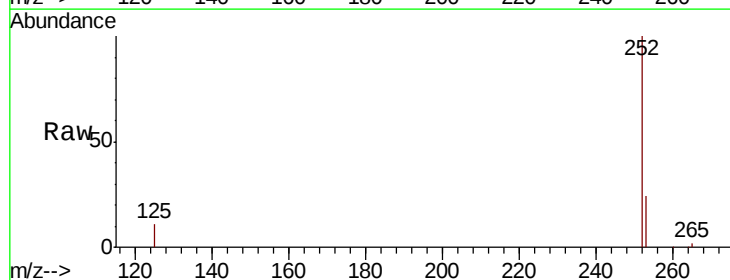
Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

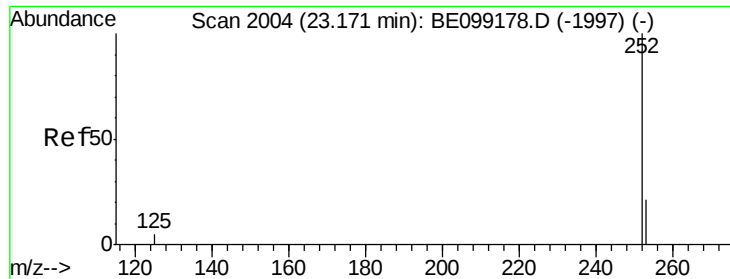
Tgt Ion: 264 Resp: 41745
Ion Ratio Lower Upper
264 100
260 26.3 18.2 27.2
265 28.1 21.8 32.8



#35
Benzo(b)fluoranthene
Concen: 1.122 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion: 252 Resp: 154129
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 11.1 6.1 9.1#





#36

Benzo(k)fluoranthene

Concen: 1.061 ng

RT: 23.11 min Scan# 1988

Delta R.T. -0.06 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

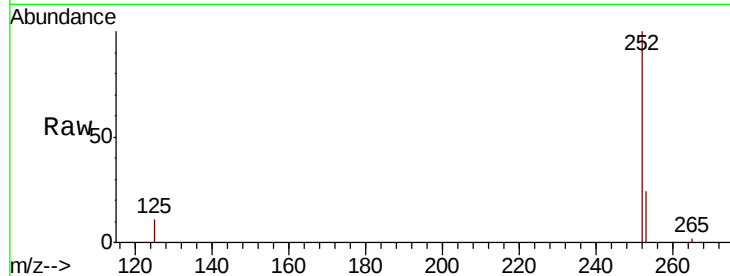
Tgt Ion:252 Resp: 154129

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

125 11.1 5.9 8.9#

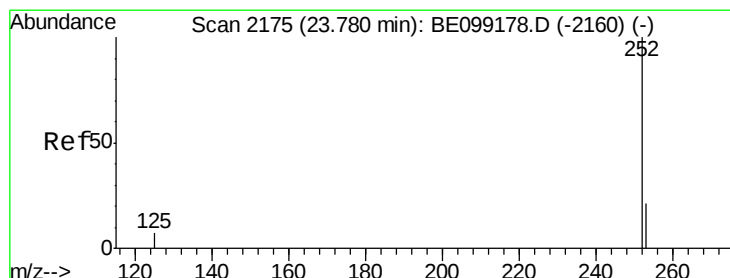
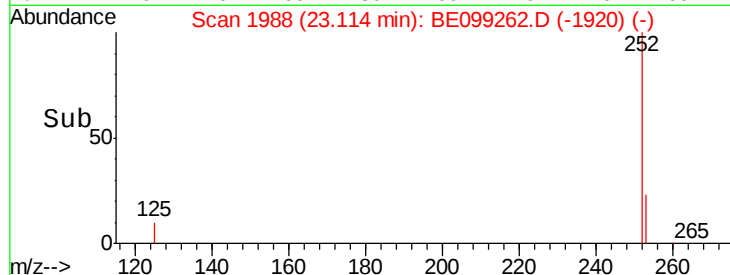
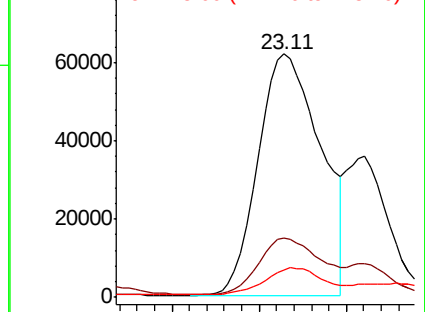


Abundance

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: 0.767 ng

RT: 23.77 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

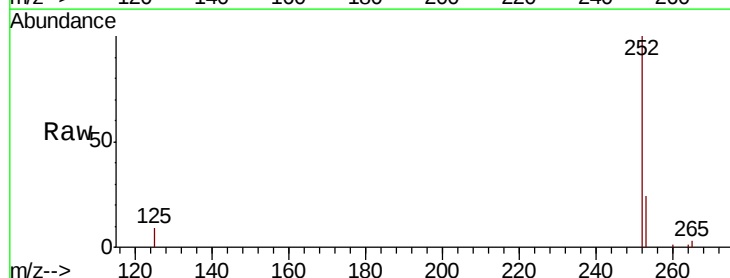
Tgt Ion:252 Resp: 98389

Ion Ratio Lower Upper

252 100

253 24.1 18.1 27.1

125 9.3 6.8 10.2

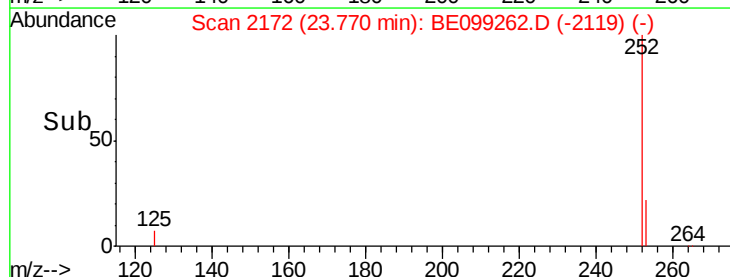
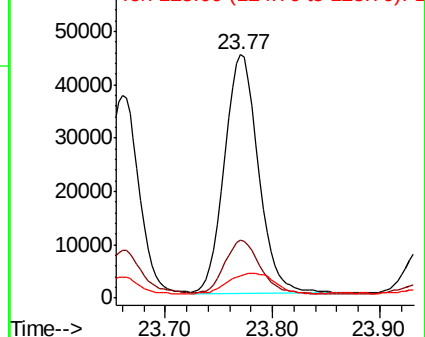


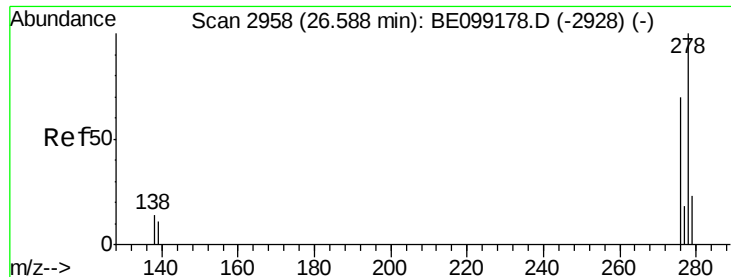
Abundance

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: 0.155 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.04 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW004-032519

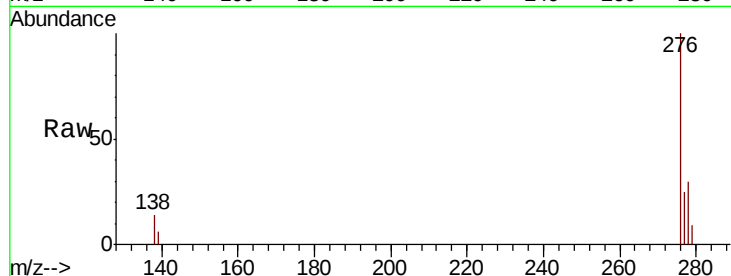
Tgt Ion: 278 Resp: 17627

Ion Ratio Lower Upper

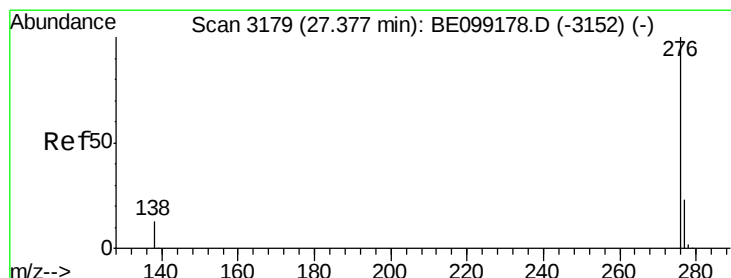
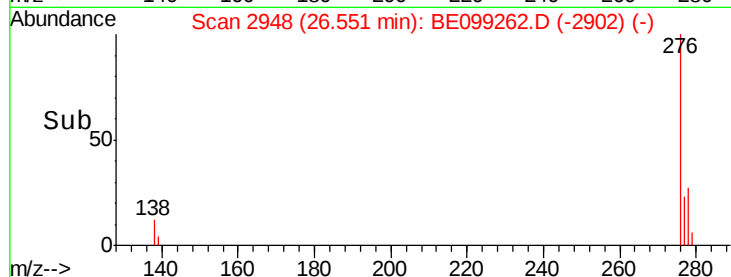
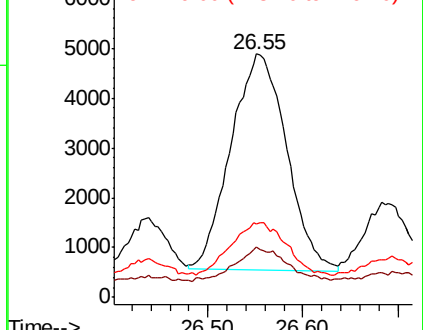
278 100

139 20.6 9.5 14.3#

279 30.1 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: 0.609 ng

RT: 27.36 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BE099262.D

Acq: 29 Mar 2019 19:38

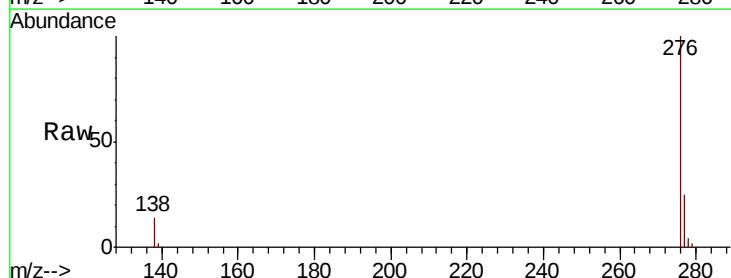
Tgt Ion: 276 Resp: 69555

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 14.1 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

