

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099260.D
 Acq On : 29 Mar 2019 18:21
 Operator : JU/SJ
 Sample : K1982-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW010-032519

Quant Time: Mar 29 22:57:13 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	3651	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15100	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11438	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	35121	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	44444	0.40	ng	-0.01
34) Perylene-d12	23.88	264	43899	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	2982	0.27	ng	0.00
5) Phenol-d6	6.99	99	4406	0.26	ng	0.00
8) Nitrobenzene-d5	8.98	82	3560	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	7740	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1588	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11242	0.24	ng	0.00
25) Fluoranthene-d10	19.23	212	117883	0.28	ng	-0.01
29) Terphenyl-d14	19.83	244	19490	0.20	ng	0.00

Target Compounds

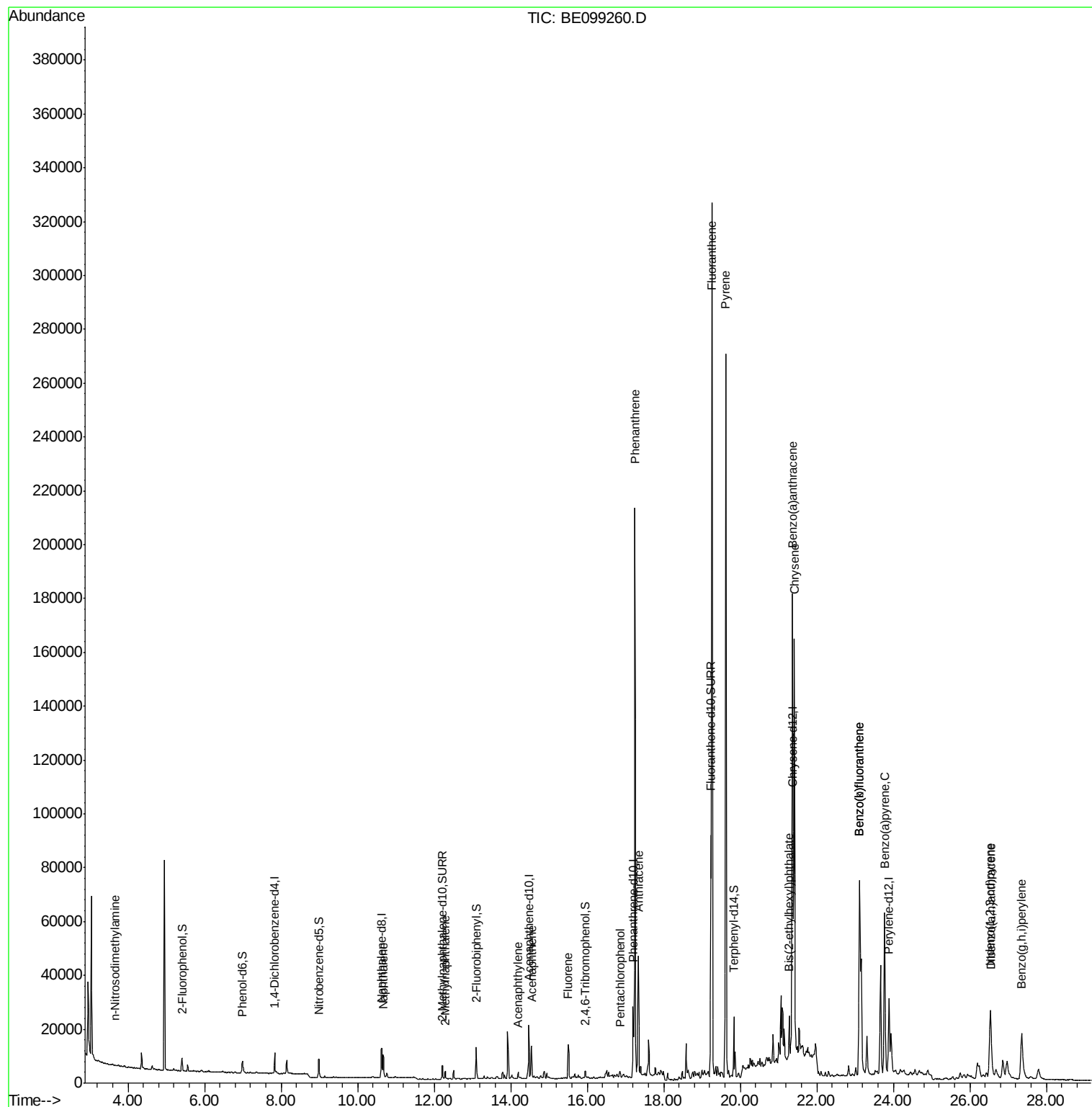
					Qvalue
3) n-Nitrosodimethylamine	3.66	42	68	0.025 ng	# 18
9) Naphthalene	10.67	128	14804	0.083 ng	# 98
12) 2-Methylnaphthalene	12.29	142	2317	0.073 ng	# 93
16) Acenaphthylene	14.20	152	3221	0.055 ng	# 93
17) Acenaphthene	14.54	154	7330	0.210 ng	# 99
18) Fluorene	15.50	166	9756	0.199 ng	# 98
22) Pentachlorophenol	16.85	266	40	0.251 ng	# 78
23) Phenanthrene	17.24	178	224799	2.180 ng	100
24) Anthracene	17.34	178	46584	0.500 ng	# 93
26) Fluoranthene	19.27	202	306048	2.325 ng	# 99
28) Pyrene	19.63	202	264539	1.792 ng	# 95
30) Benzo(a)anthracene	21.37	228	165667	1.130 ng	# 98
31) Chrysene	21.41	228	133746	0.853 ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.28	149	16060	0.092 ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	54926	0.370 ng	# 96
35) Benzo(b)fluoranthene	23.12	252	144374	0.999 ng	# 97
36) Benzo(k)fluoranthene	23.12	252	144374	0.945 ng	# 96
37) Benzo(a)pyrene	23.77	252	99765	0.740 ng	# 98
38) Dibenzo(a,h)anthracene	26.55	278	14995	0.125 ng	# 85
39) Benzo(g,h,i)perylene	27.36	276	50617	0.421 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: BE099260.D

Acq: 29 Mar 2019 18:21

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BNA_E

ClientSampleId :

EXT-028-SW010-032519

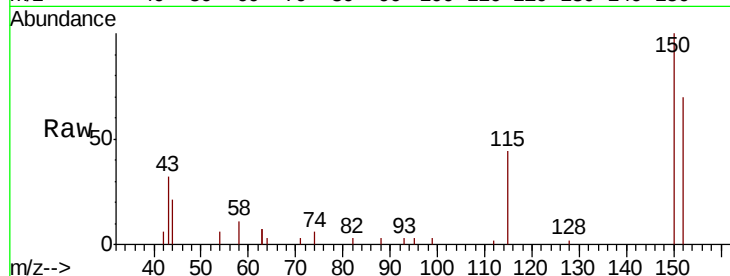
Tgt Ion: 152 Resp: 3651

Ion Ratio Lower Upper

152 100

150 143.2 112.8 169.2

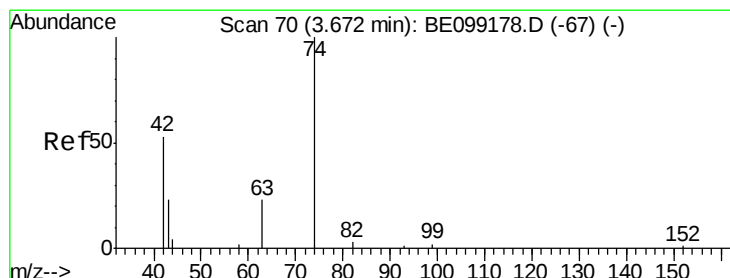
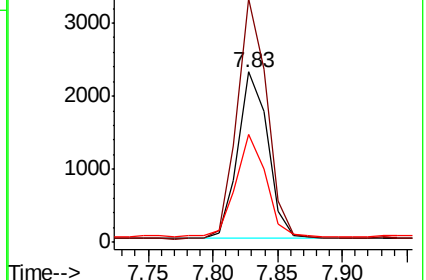
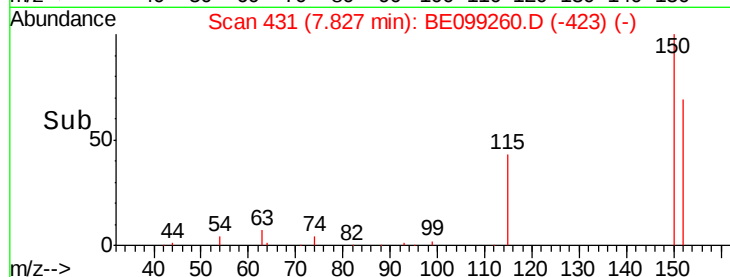
115 63.3 45.1 67.7



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: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

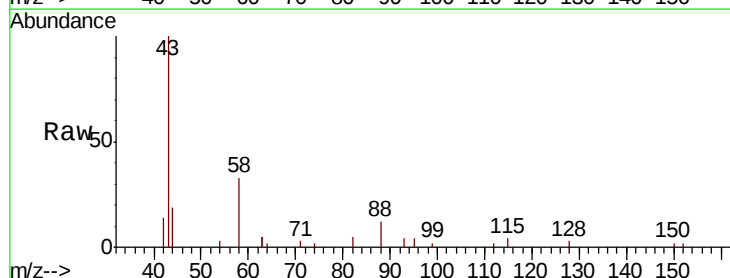
Tgt Ion: 42 Resp: 68

Ion Ratio Lower Upper

42 100

74 52.9 138.6 207.8#

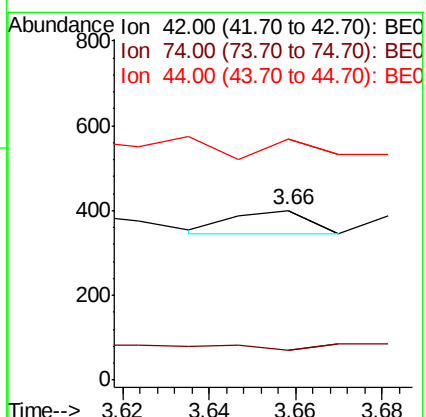
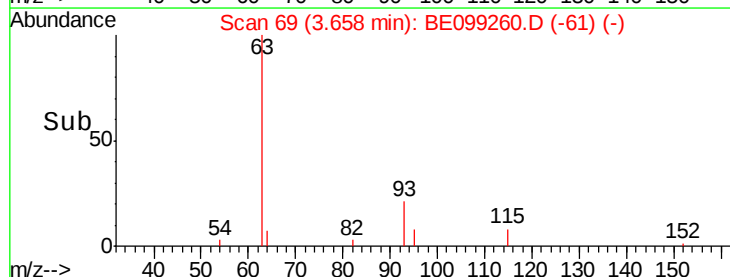
44 0.0 15.0 22.6#

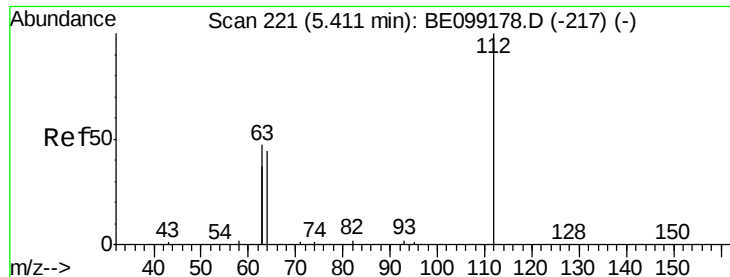


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.274 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

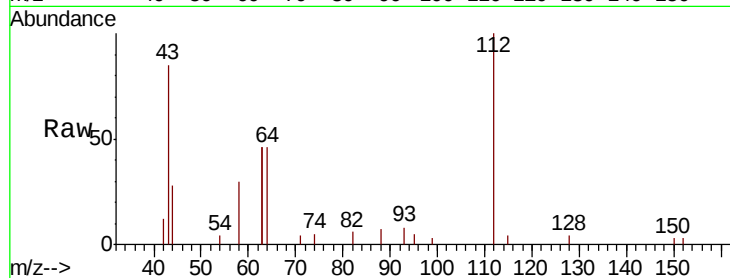
Tgt Ion: 112 Resp: 2982

Ion Ratio Lower Upper

112 100

64 58.0 46.2 69.2

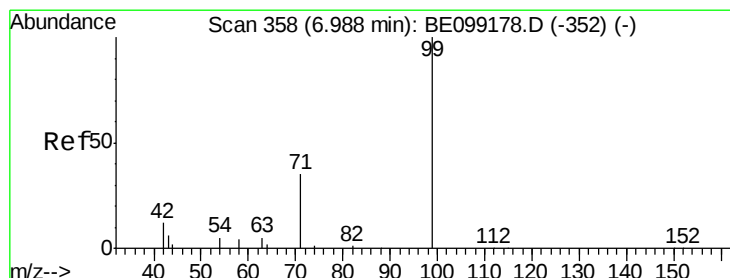
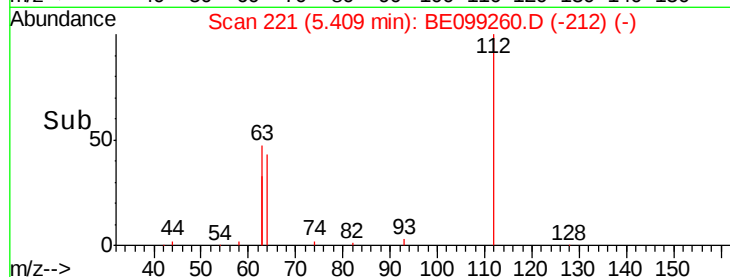
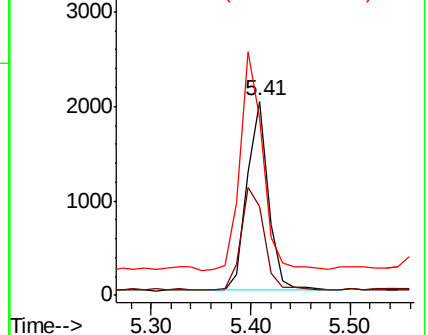
63 121.5 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE099178.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE099178.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE099178.D (-217) (-)



#5

Phenol-d6

Concen: 0.265 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

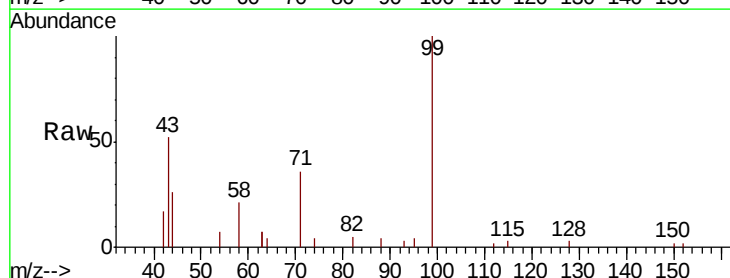
Tgt Ion: 99 Resp: 4406

Ion Ratio Lower Upper

99 100

42 14.3 12.4 18.6

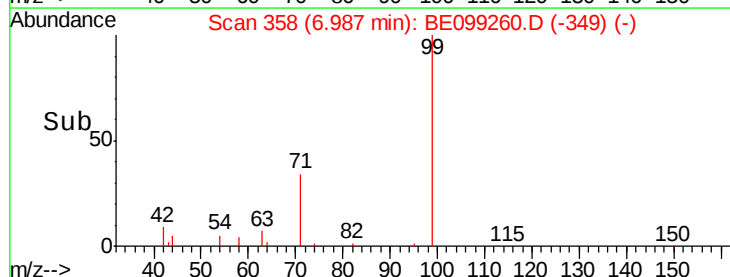
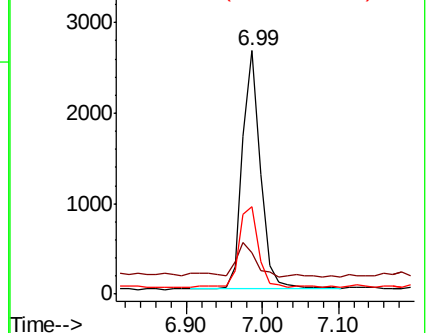
71 37.6 28.4 42.6

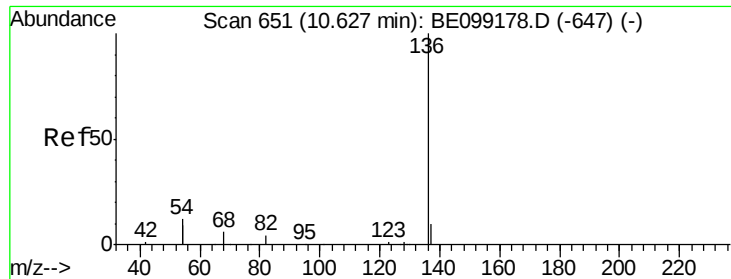


Abundance Ion 99.00 (98.70 to 99.70): BE099178.D (-352) (-)

Ion 42.00 (41.70 to 42.70): BE099178.D (-352) (-)

Ion 71.00 (70.70 to 71.70): BE099178.D (-352) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

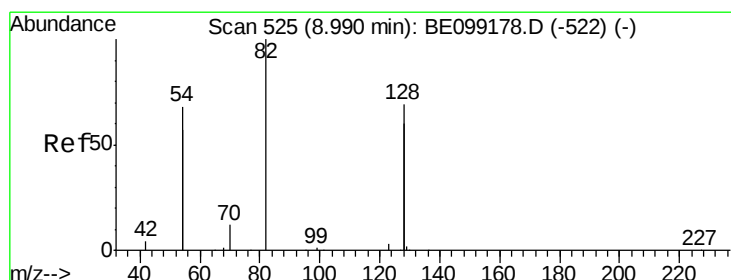
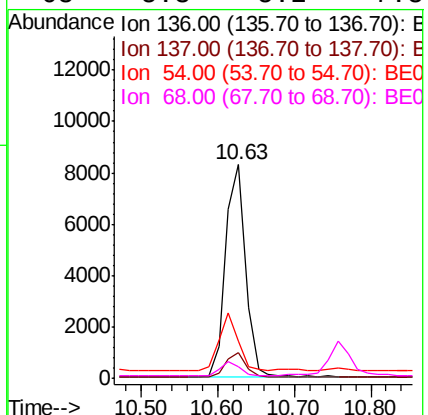
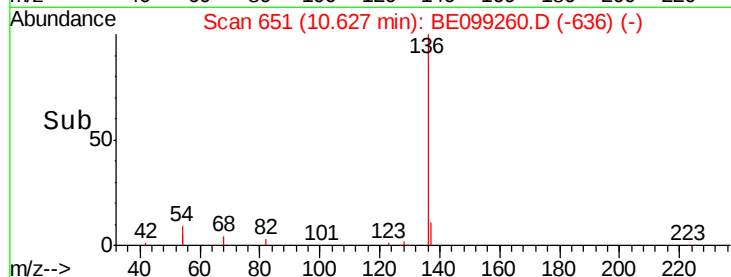
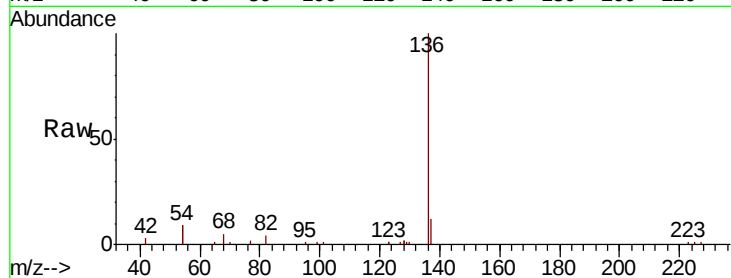
Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

Tgt Ion:	136	Resp:	15100
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	17.2	18.7	28.1#
68	5.3	5.2	7.8



#8

Nitrobenzene-d5

Concen: 0.289 ng

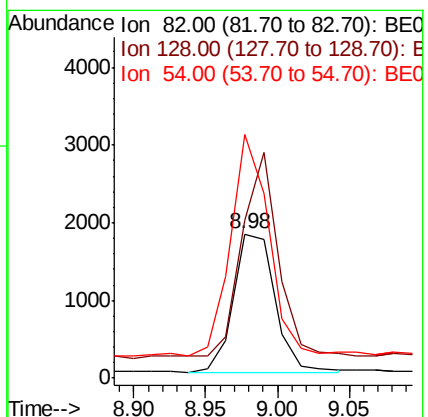
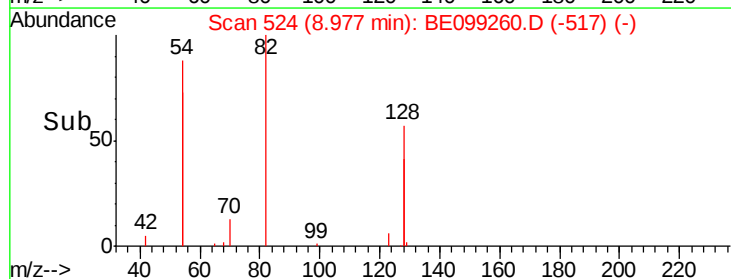
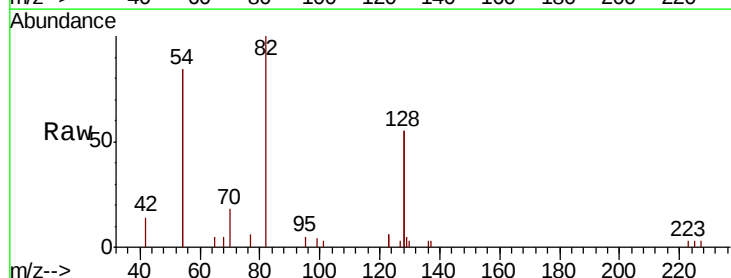
RT: 8.98 min Scan# 524

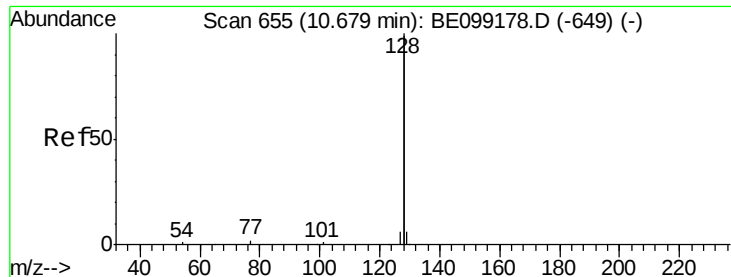
Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Tgt Ion:	82	Resp:	3560
Ion	Ratio	Lower	Upper
82	100		
128	109.2	107.5	161.3
54	168.9	106.3	159.5#





#9

Naphthalene

Concen: 0.083 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

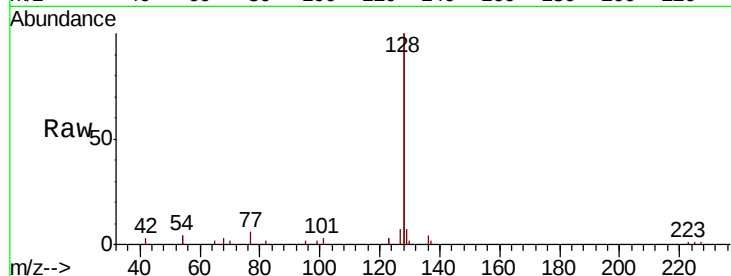
Tgt Ion:128 Resp: 14804

Ion Ratio Lower Upper

128 100

129 3.5 2.3 3.5#

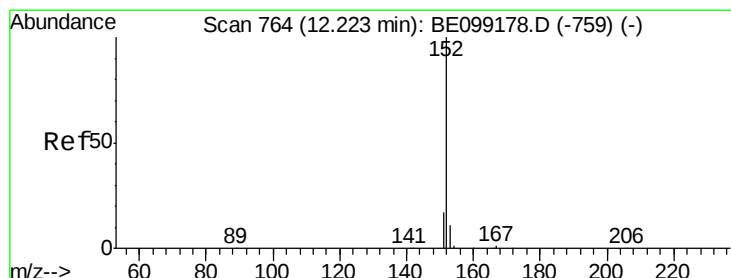
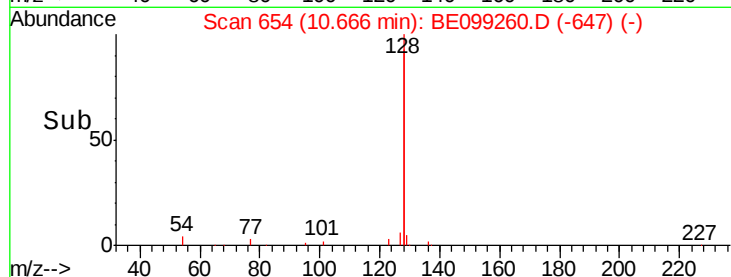
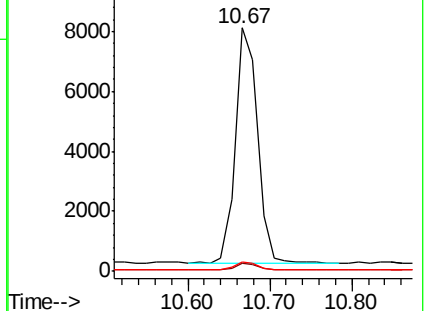
127 3.7 2.6 3.8



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: 0.266 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099260.D

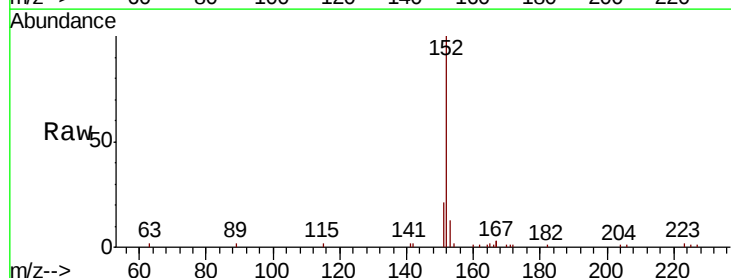
Acq: 29 Mar 2019 18:21

Tgt Ion:152 Resp: 7740

Ion Ratio Lower Upper

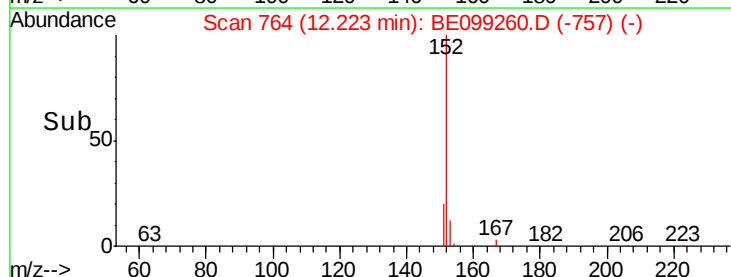
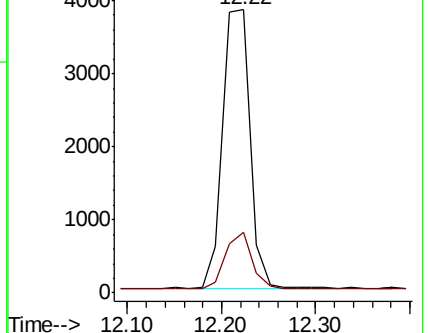
152 100

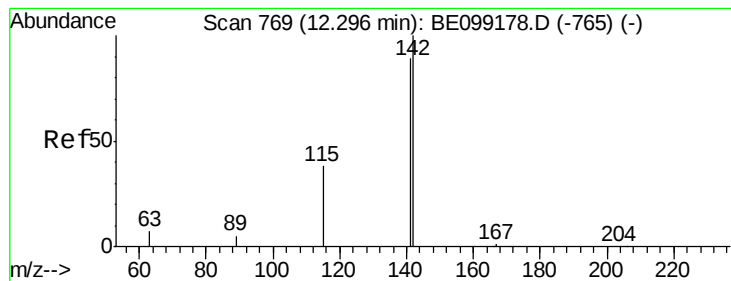
151 19.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.073 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

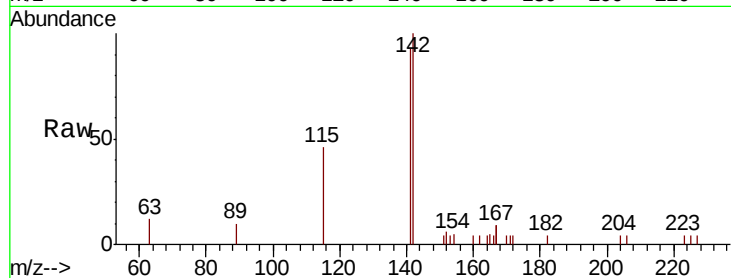
Tgt Ion:142 Resp: 2317

Ion Ratio Lower Upper

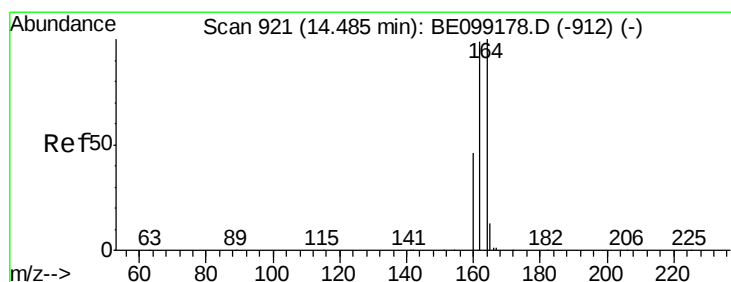
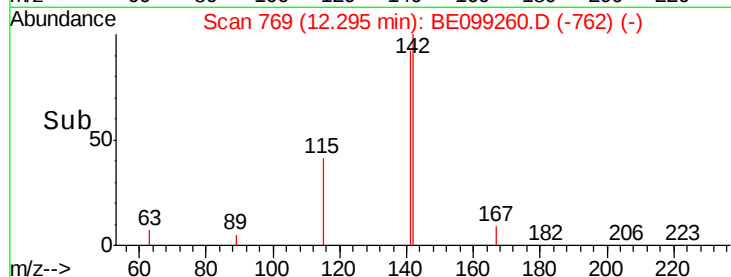
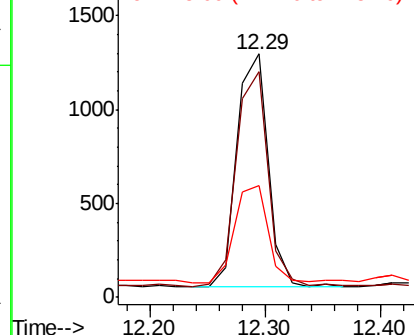
142 100

141 92.6 71.3 106.9

115 46.0 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. -0.02 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

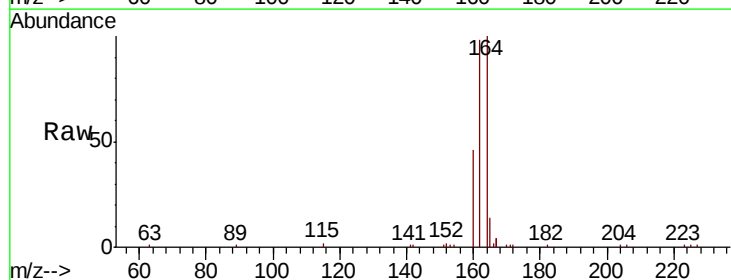
Tgt Ion:164 Resp: 11438

Ion Ratio Lower Upper

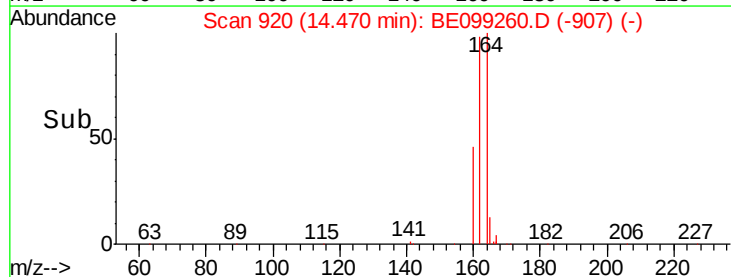
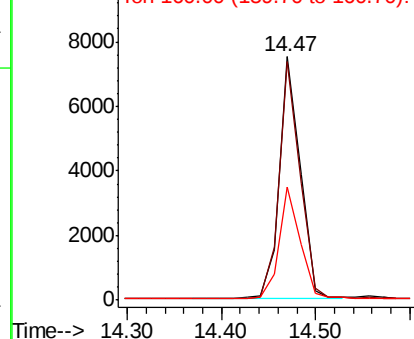
164 100

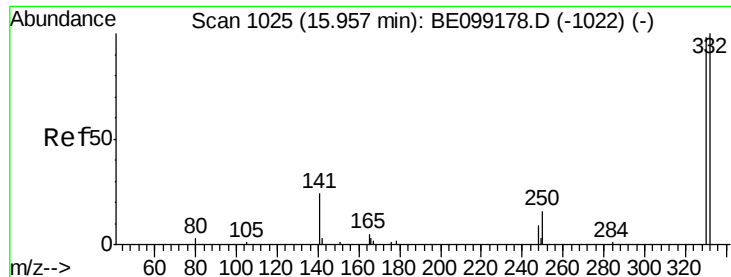
162 97.7 79.2 118.8

160 46.5 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

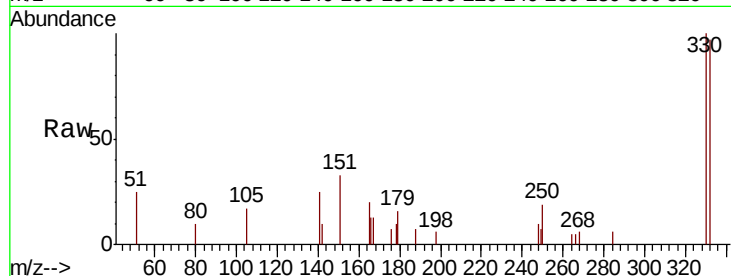




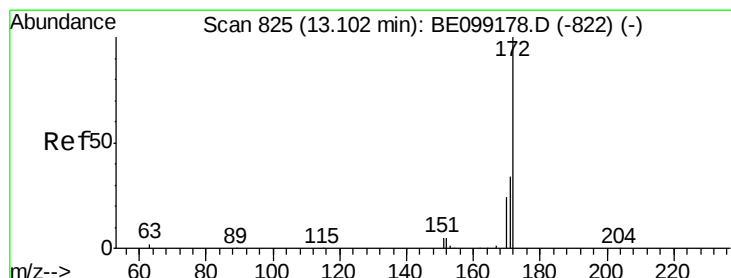
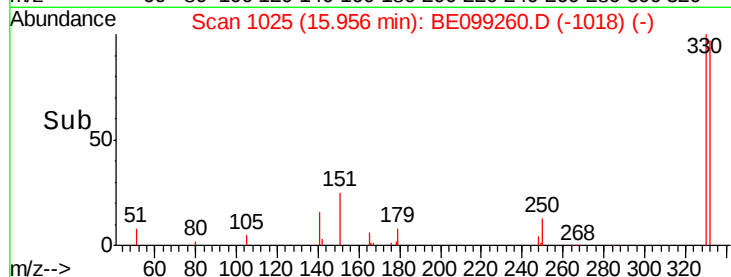
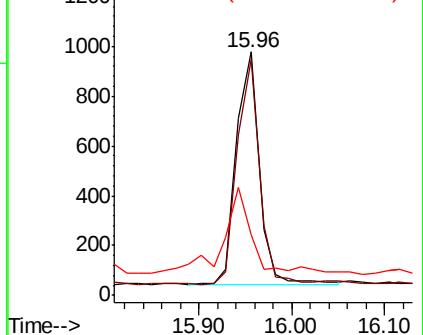
#14
 2,4,6-Tribromophenol
 Concen: 0.473 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099260.D
 Acq: 29 Mar 2019 18:21

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW010-032519

Tgt Ion: 330 Resp: 1588
 Ion Ratio Lower Upper
 330 100
 332 94.0 71.3 106.9
 141 38.2 21.7 32.5#

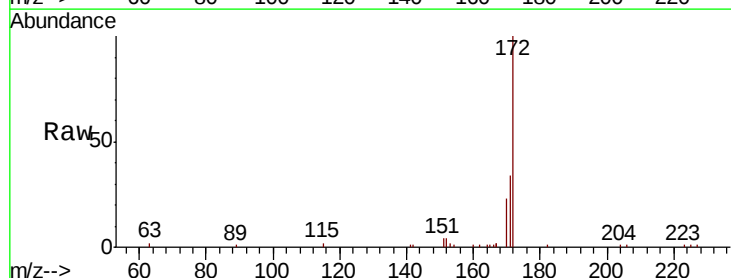


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

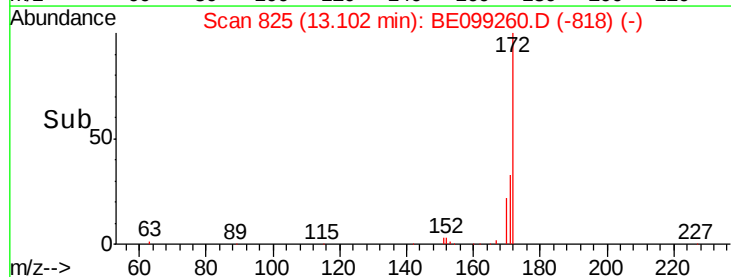
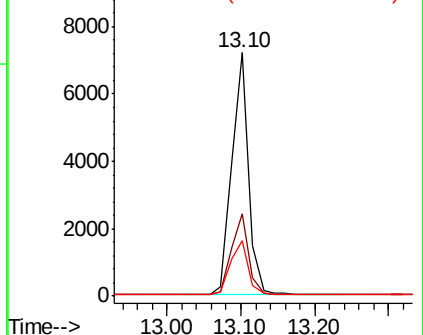


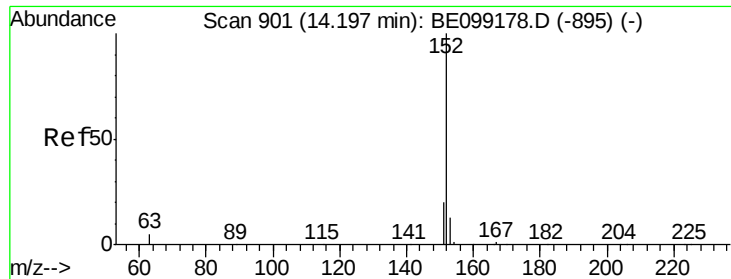
#15
 2-Fluorobiphenyl
 Concen: 0.241 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099260.D
 Acq: 29 Mar 2019 18:21

Tgt Ion: 172 Resp: 11242
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.4 41.0
 170 22.8 19.1 28.7



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

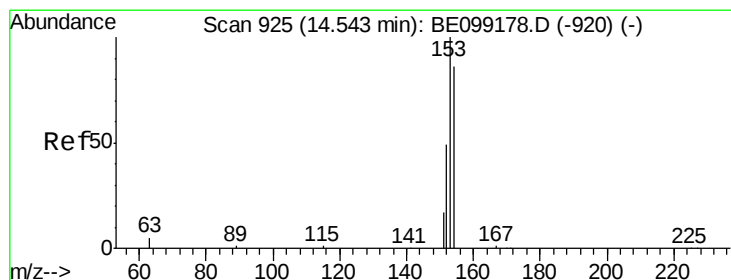
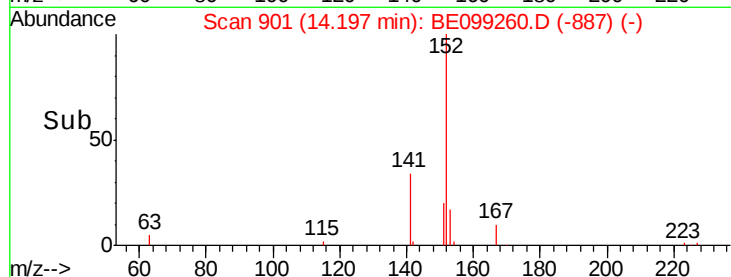
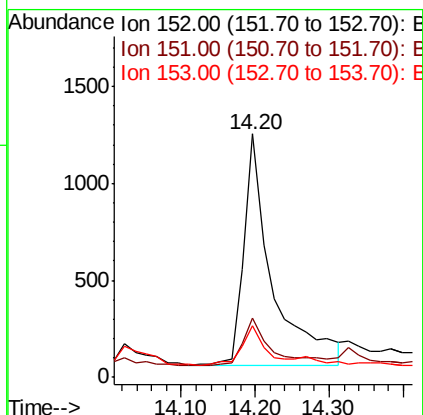
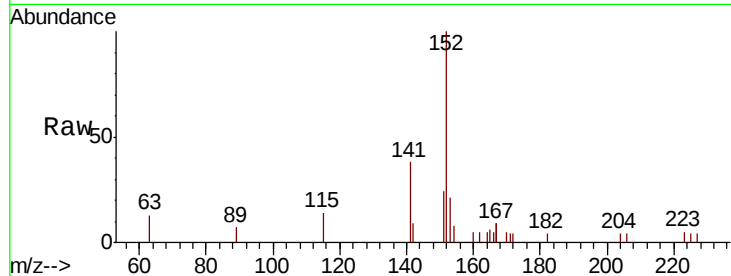




#16
Acenaphthylene
Concen: 0.055 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099260.D
Acq: 29 Mar 2019 18:21

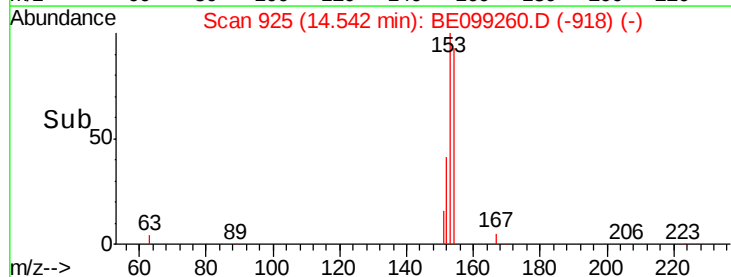
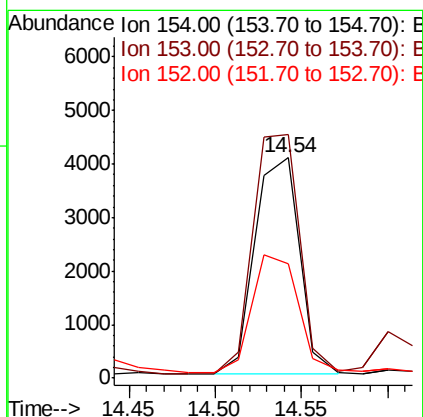
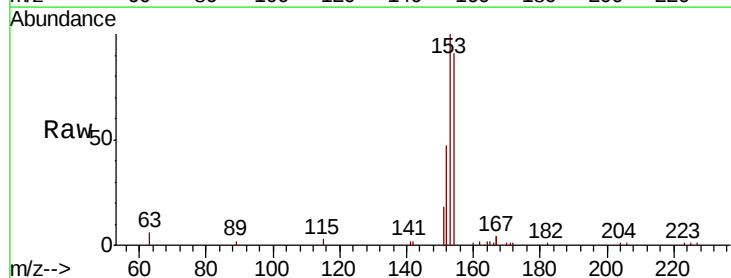
Instrument :
BNA_E
ClientSampleId :
EXT-028-SW010-032519

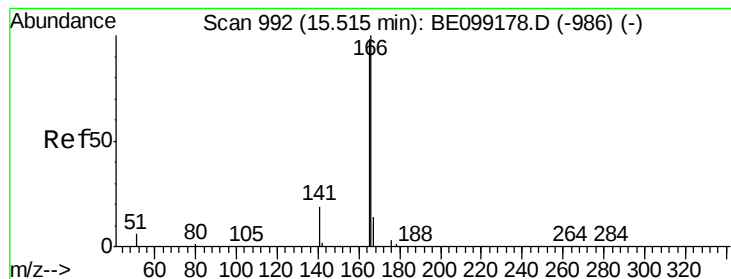
Tgt Ion:152 Resp: 3221
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 18.1 10.6 15.8#



#17
Acenaphthene
Concen: 0.210 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099260.D
Acq: 29 Mar 2019 18:21

Tgt Ion:154 Resp: 7330
Ion Ratio Lower Upper
154 100
153 116.0 93.4 140.0
152 56.0 46.6 69.8





#18

Fluorene

Concen: 0.199 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

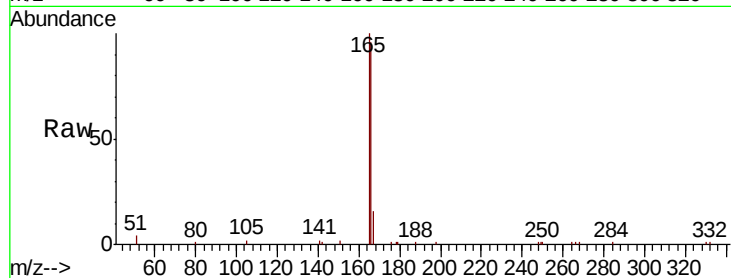
Tgt Ion:166 Resp: 9756

Ion Ratio Lower Upper

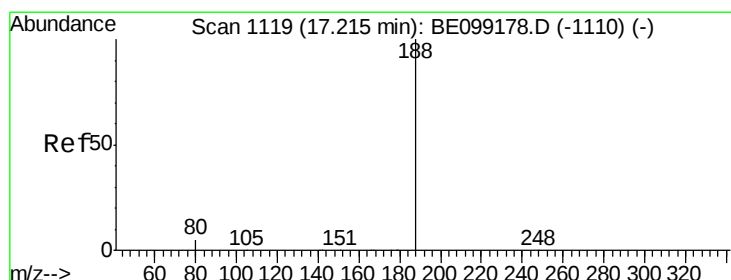
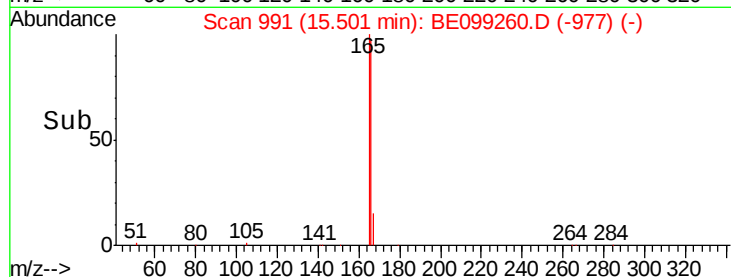
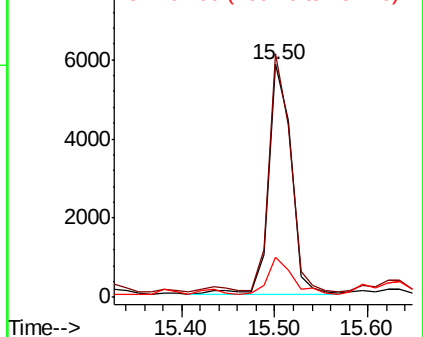
166 100

165 99.5 78.9 118.3

167 17.7 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: BE099260.D

Acq: 29 Mar 2019 18:21

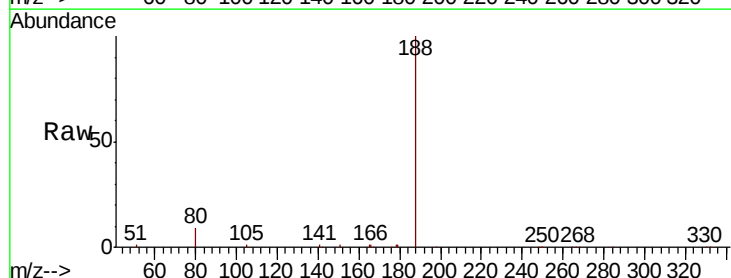
Tgt Ion:188 Resp: 35121

Ion Ratio Lower Upper

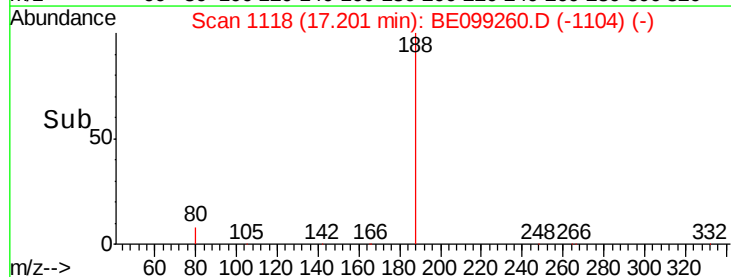
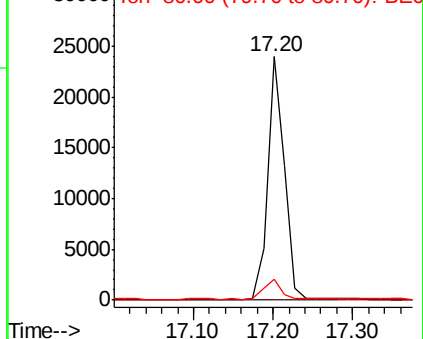
188 100

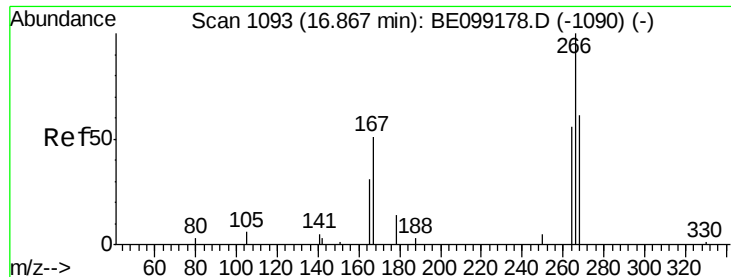
94 0.0 0.0 0.0

80 8.6 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: 0.251 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

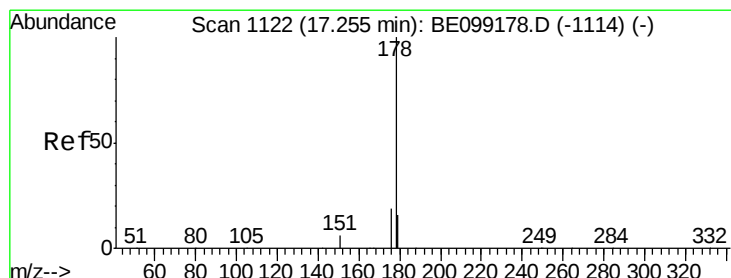
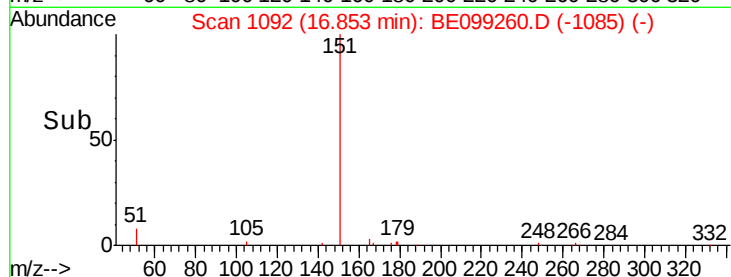
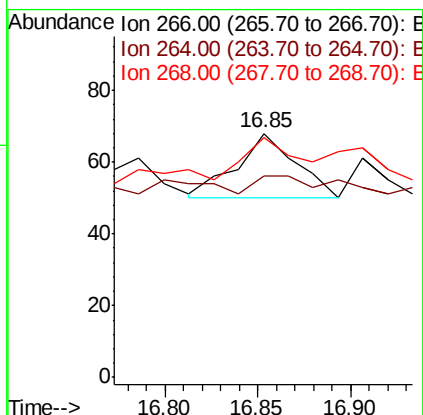
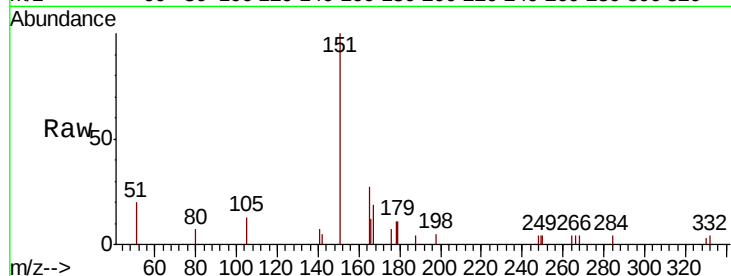
Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

Tgt Ion:	266	Resp:	40
Ion	Ratio	Lower	Upper
266	100		
264	82.4	54.4	81.6#
268	98.5	61.3	91.9#



#23

Phenanthrene

Concen: 2.180 ng

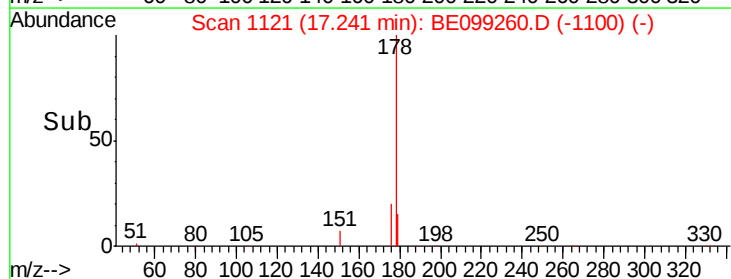
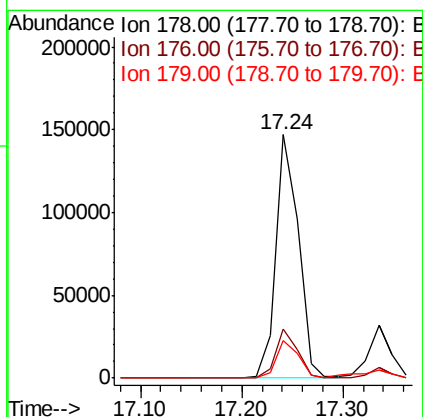
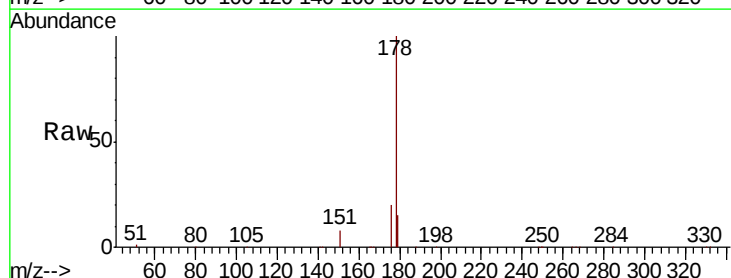
RT: 17.24 min Scan# 1121

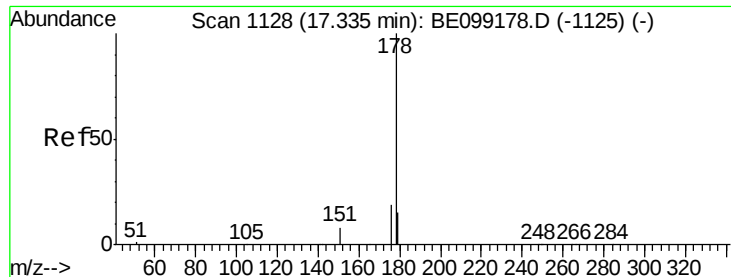
Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Tgt Ion:	178	Resp:	224799
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.3	18.5





#24

Anthracene

Concen: 0.500 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

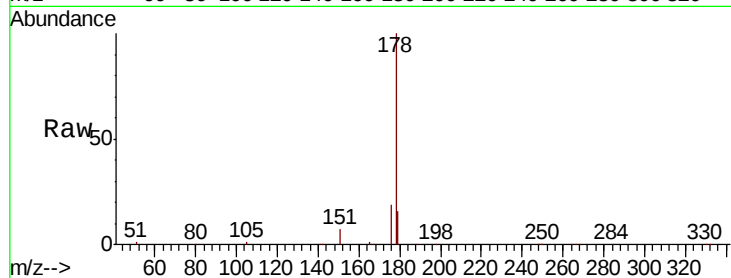
Tgt Ion:178 Resp: 46584

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

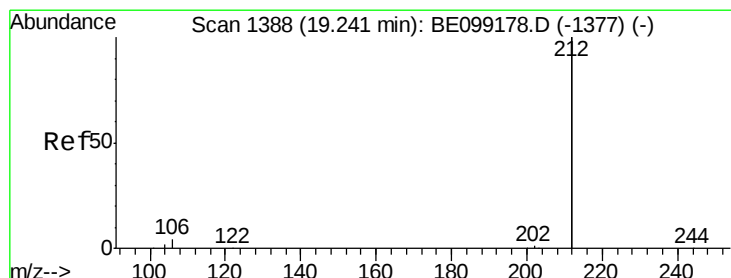
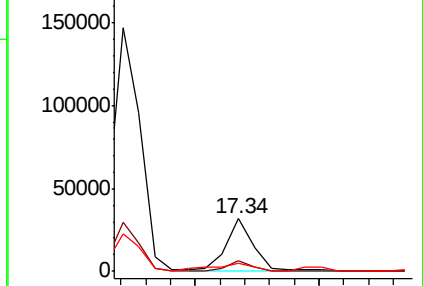
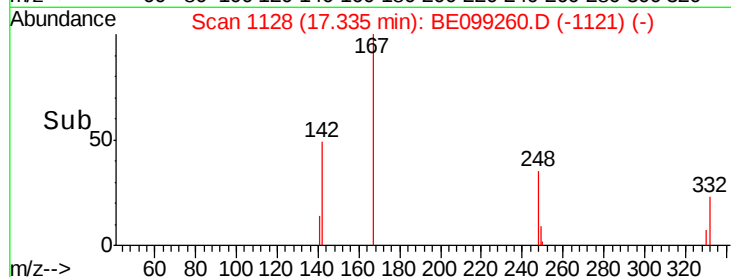
179 21.6 12.4 18.6#



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: 0.277 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

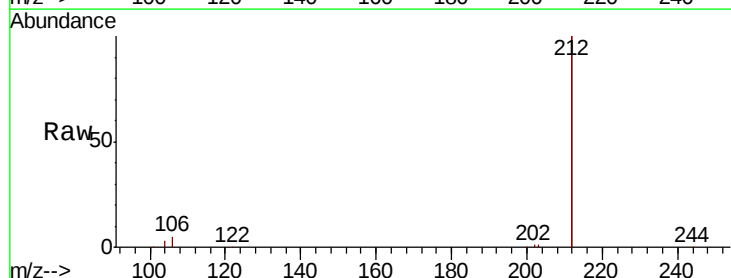
Tgt Ion:212 Resp: 117883

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

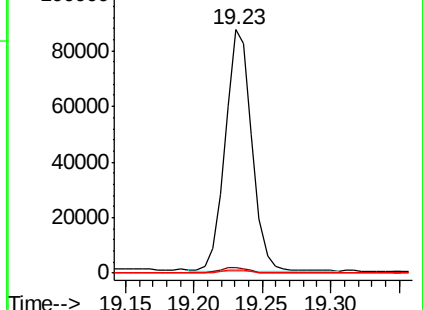
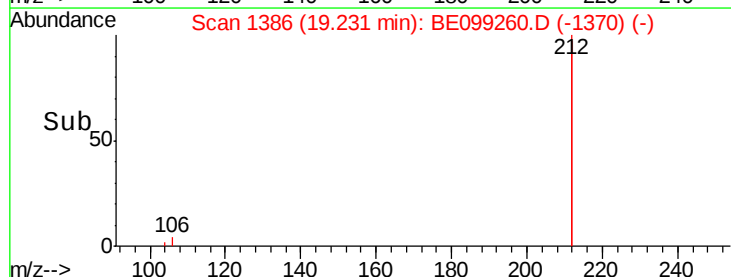
104 1.3 1.1 1.7

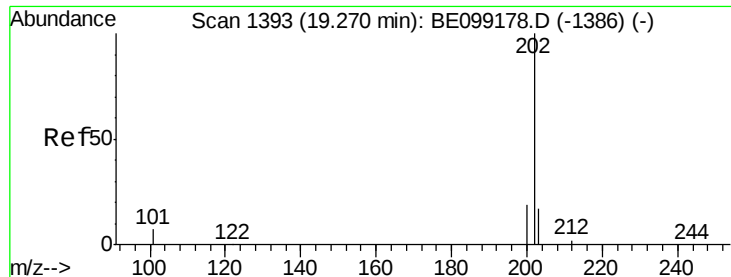


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

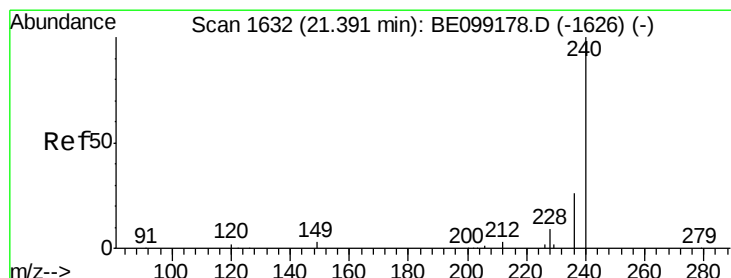
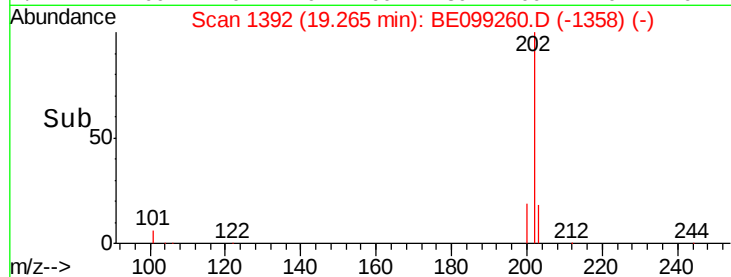
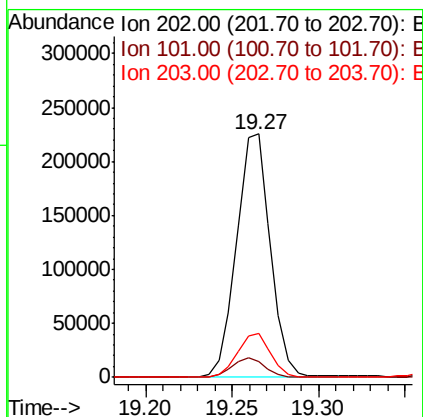
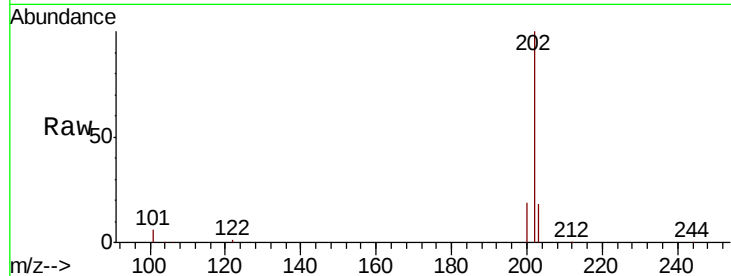




#26
Fluoranthene
Concen: 2.325 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099260.D
Acq: 29 Mar 2019 18:21

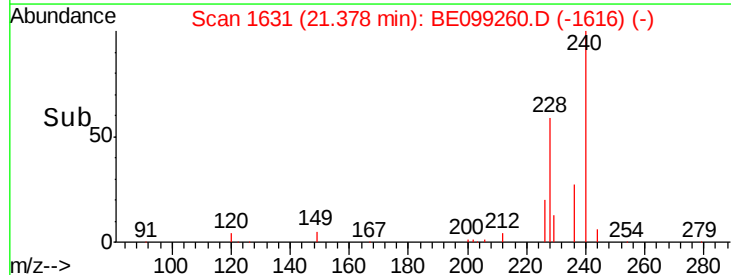
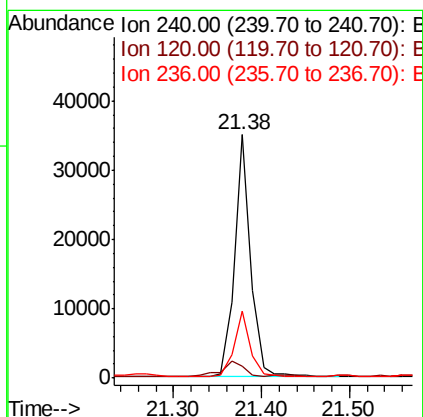
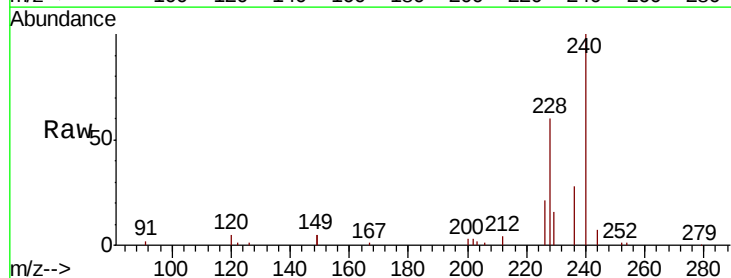
Instrument :
BNA_E
ClientSampleId :
EXT-028-SW010-032519

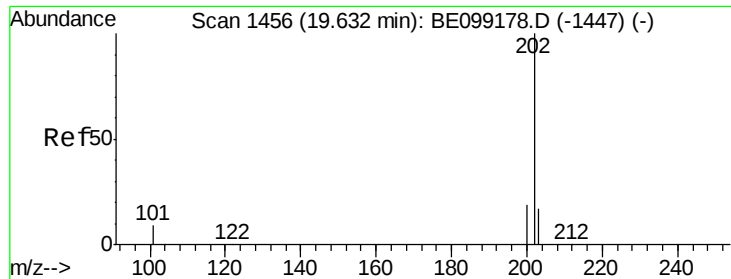
Tgt Ion: 202 Resp: 306048
Ion Ratio Lower Upper
202 100
101 7.7 7.0 10.4
203 17.5 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099260.D
Acq: 29 Mar 2019 18:21

Tgt Ion: 240 Resp: 44444
Ion Ratio Lower Upper
240 100
120 4.9 2.6 3.8#
236 27.7 20.9 31.3





#28

Pyrene

Concen: 1.792 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

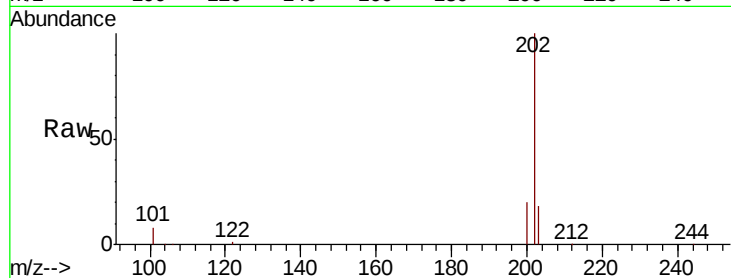
Tgt Ion: 202 Resp: 264539

Ion Ratio Lower Upper

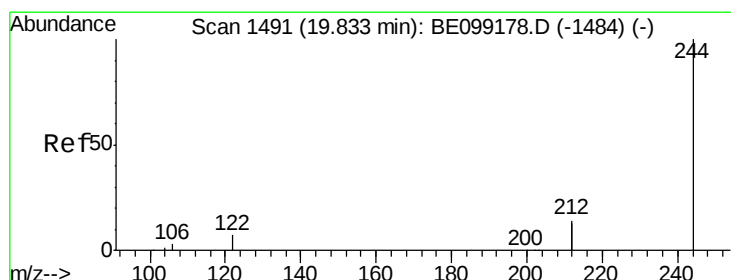
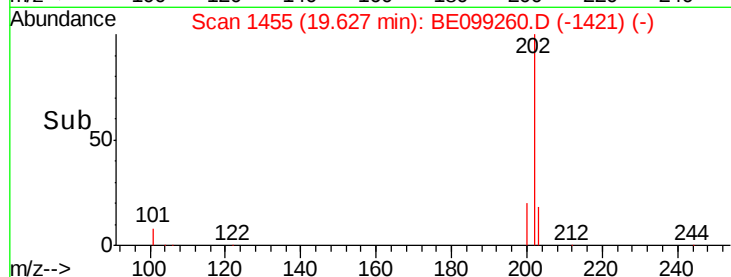
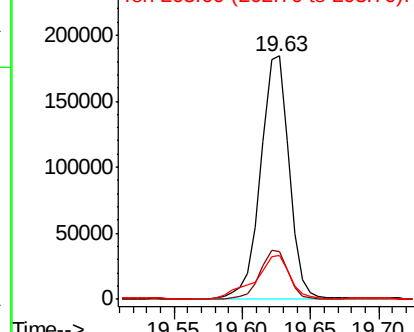
202 100

200 20.0 15.8 23.8

203 22.1 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.202 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

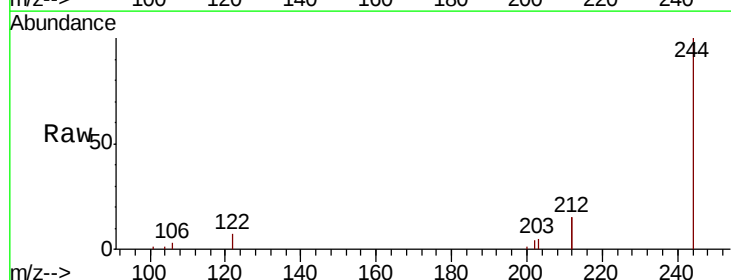
Tgt Ion: 244 Resp: 19490

Ion Ratio Lower Upper

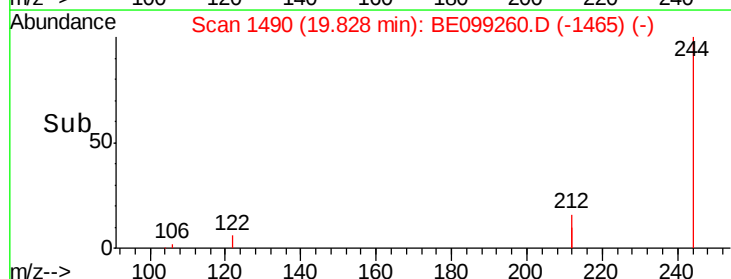
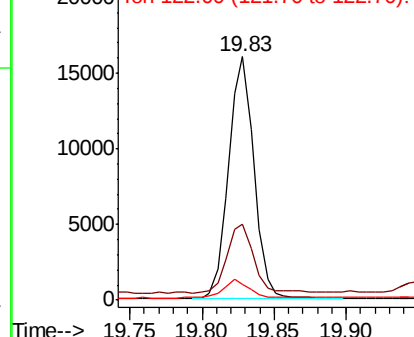
244 100

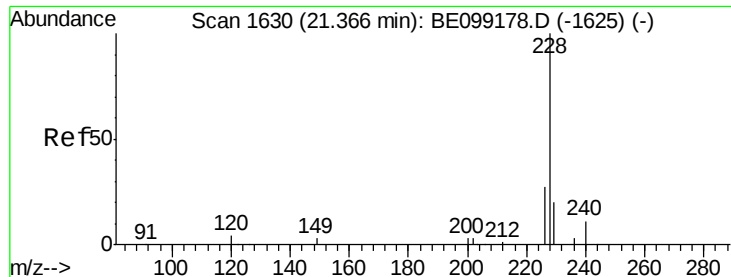
212 31.0 22.7 34.1

122 6.7 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 1.130 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

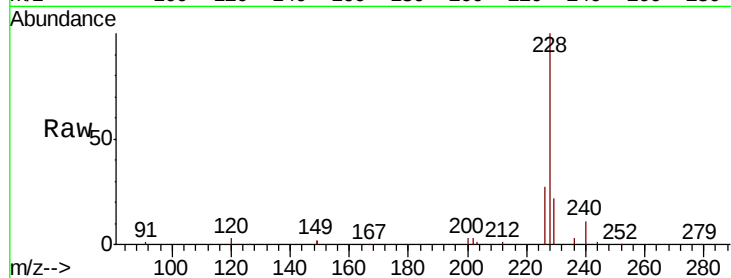
Tgt Ion:228 Resp: 165667

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

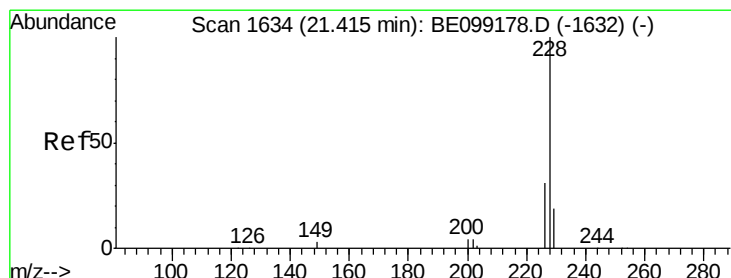
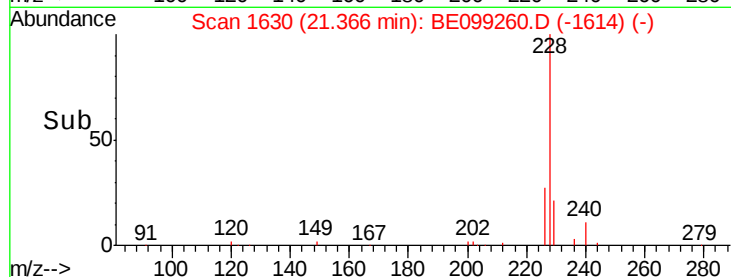
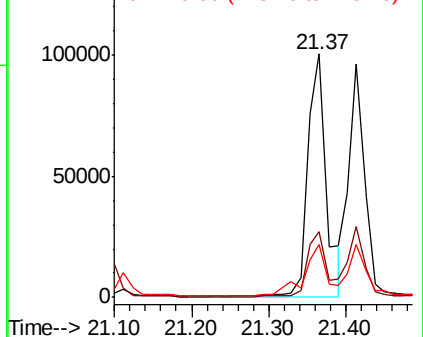
229 21.7 15.9 23.9



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: 0.853 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

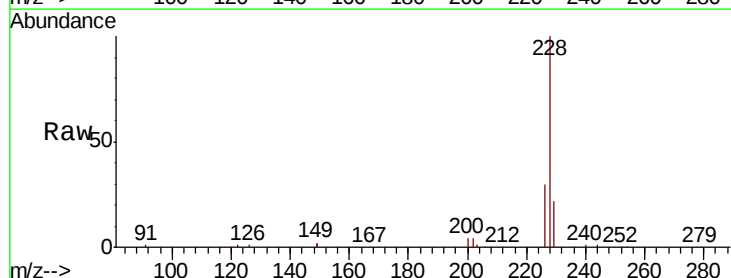
Tgt Ion:228 Resp: 133746

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

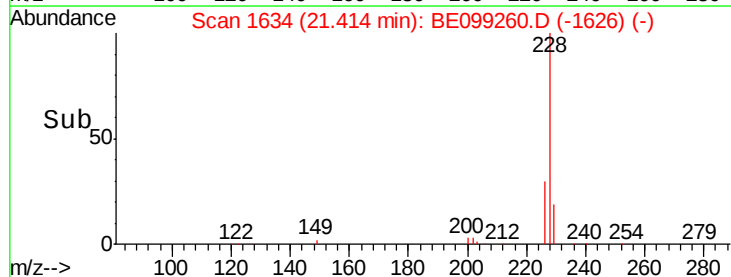
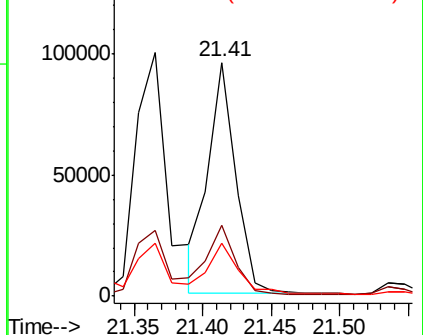
229 22.4 15.4 23.0

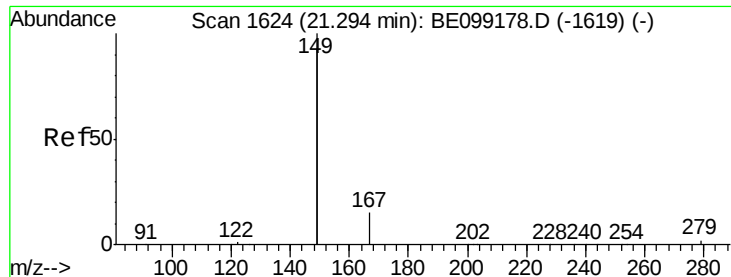


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

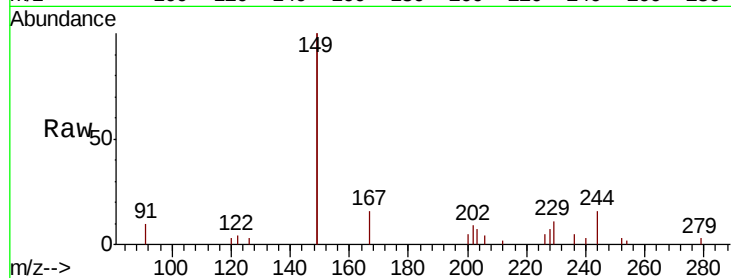
Tgt Ion:149 Resp: 16060

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

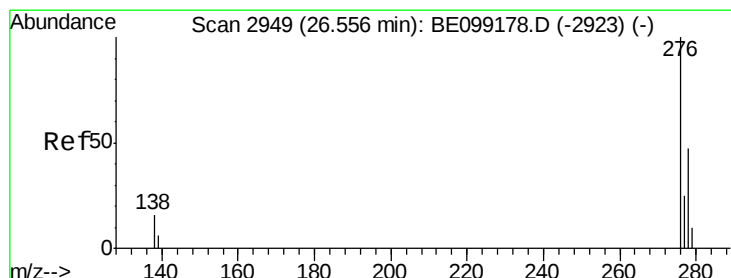
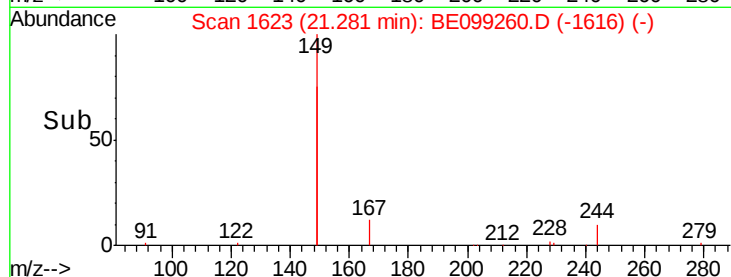
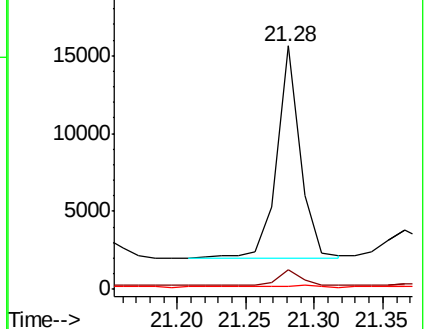
279 1.5 1.0 1.6



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: 0.370 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.03 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

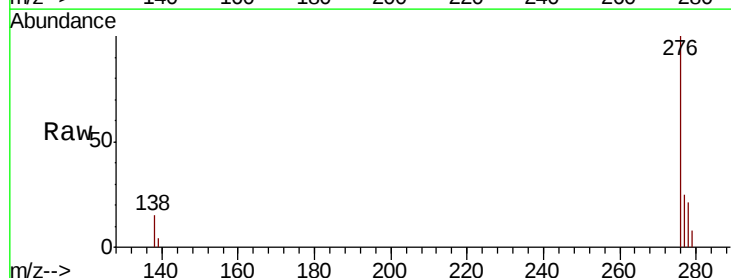
Tgt Ion:276 Resp: 54926

Ion Ratio Lower Upper

276 100

138 13.2 12.9 19.3

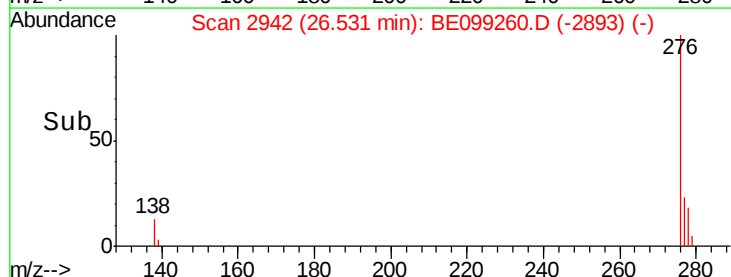
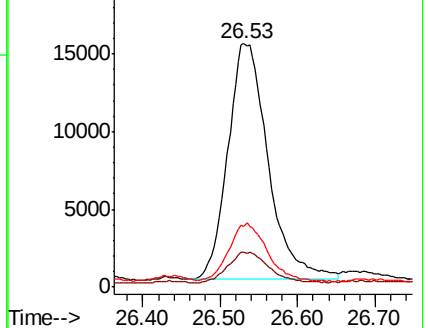
277 22.3 18.3 27.5

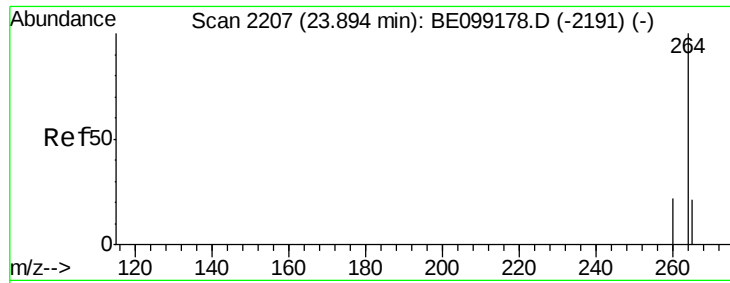


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

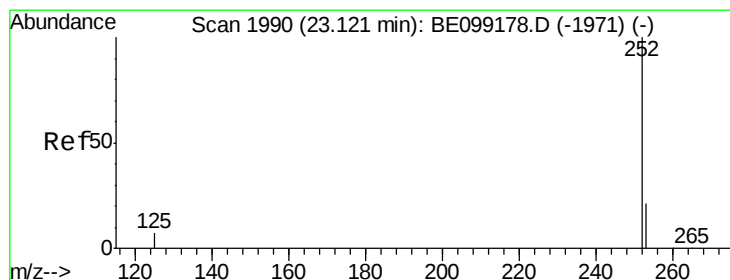
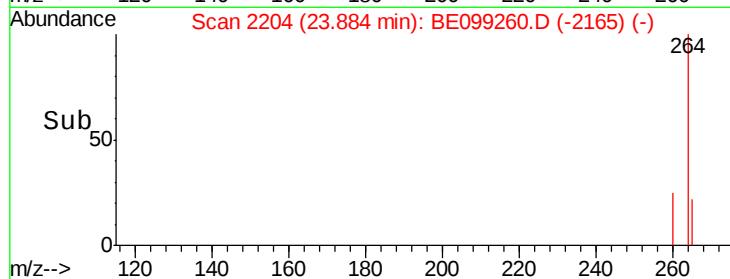
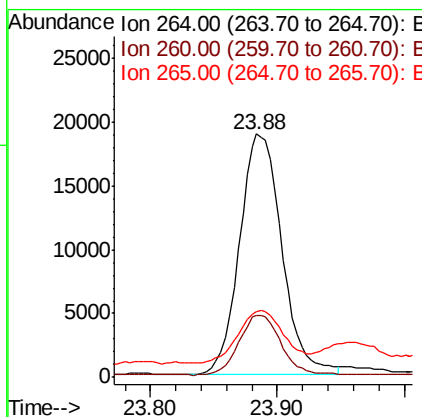
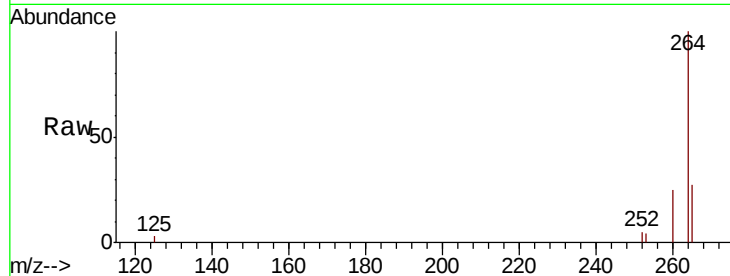




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BE099260.D
 Acq: 29 Mar 2019 18:21

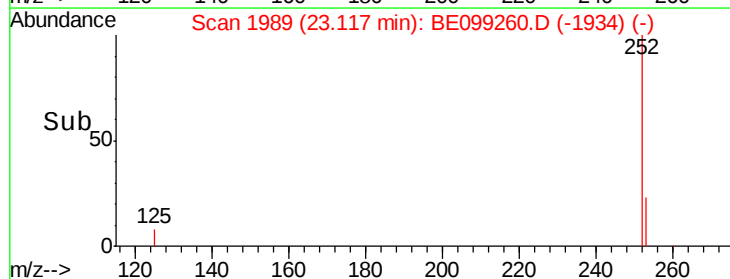
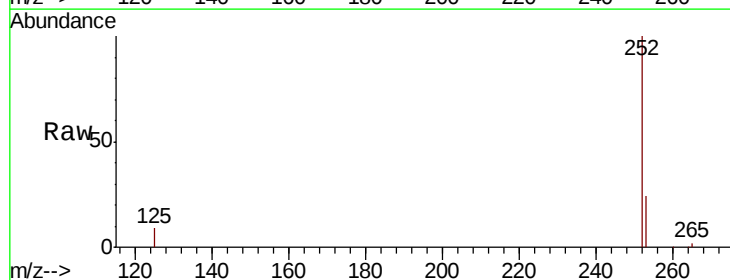
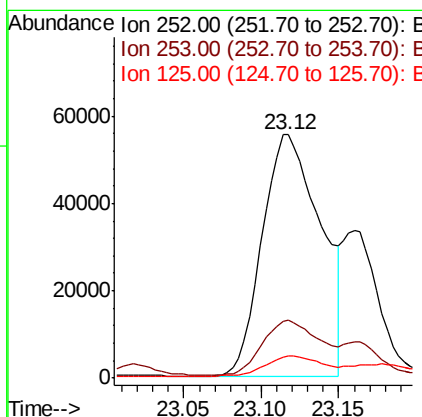
Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW010-032519

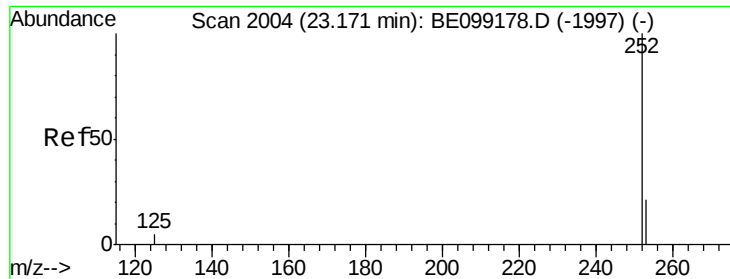
Tgt Ion: 264 Resp: 43899
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.2 27.2
 265 26.9 21.8 32.8



#35
 Benzo(b)fluoranthene
 Concen: 0.999 ng
 RT: 23.12 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BE099260.D
 Acq: 29 Mar 2019 18:21

Tgt Ion: 252 Resp: 144374
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.8 26.8
 125 9.0 6.1 9.1





#36

Benzo(k)fluoranthene

Concen: 0.945 ng

RT: 23.12 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

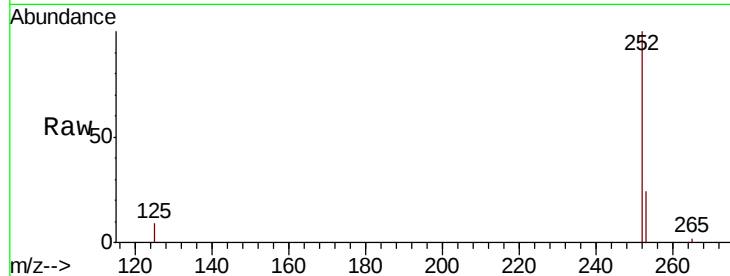
Tgt Ion:252 Resp: 144374

Ion Ratio Lower Upper

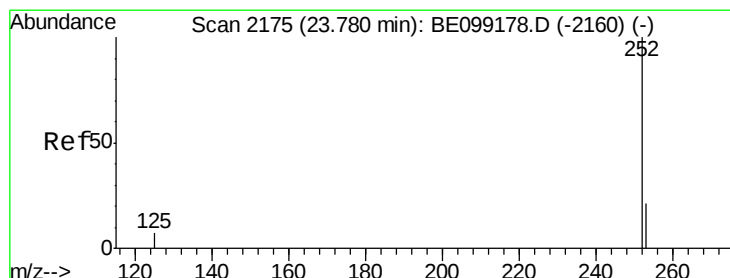
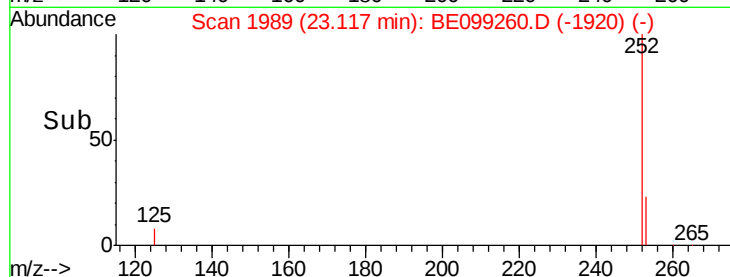
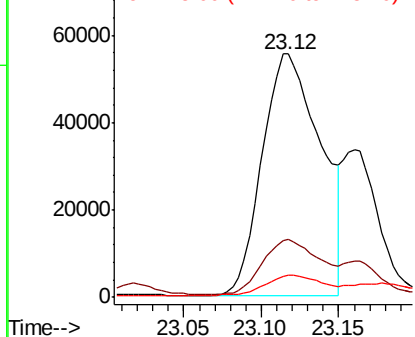
252 100

253 23.7 17.8 26.6

125 9.0 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: 0.740 ng

RT: 23.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

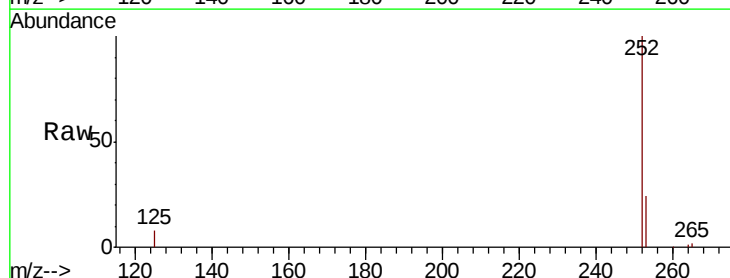
Tgt Ion:252 Resp: 99765

Ion Ratio Lower Upper

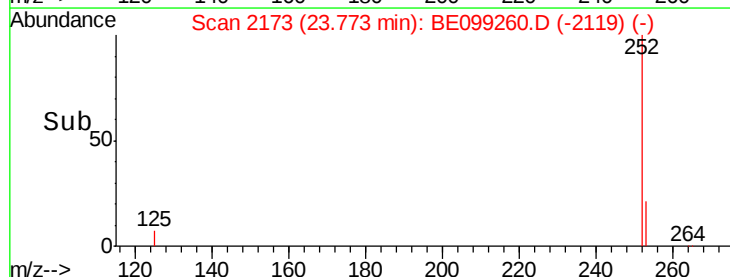
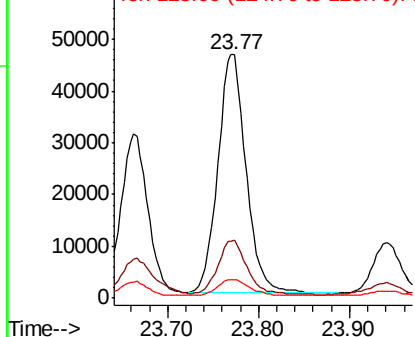
252 100

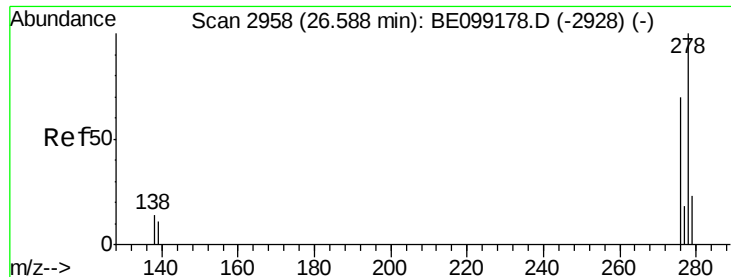
253 23.6 18.1 27.1

125 7.7 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: 0.125 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.04 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW010-032519

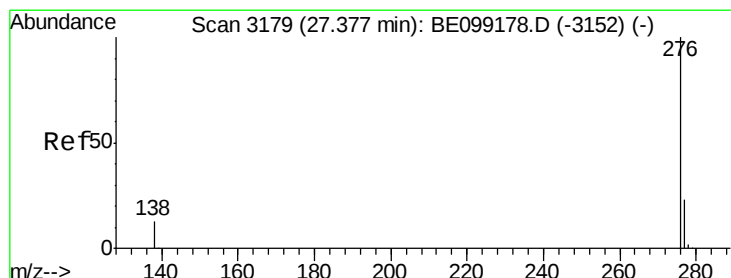
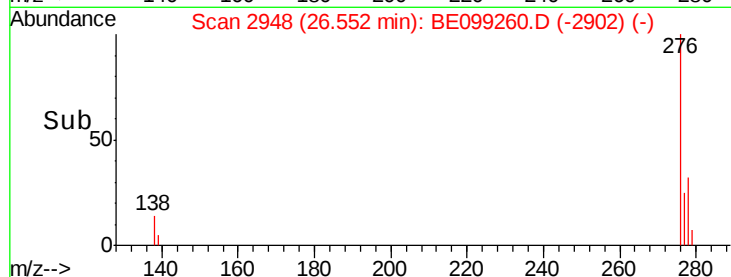
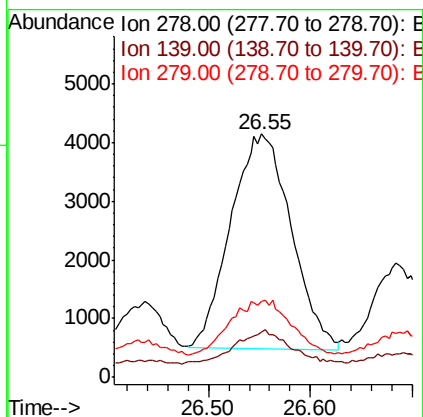
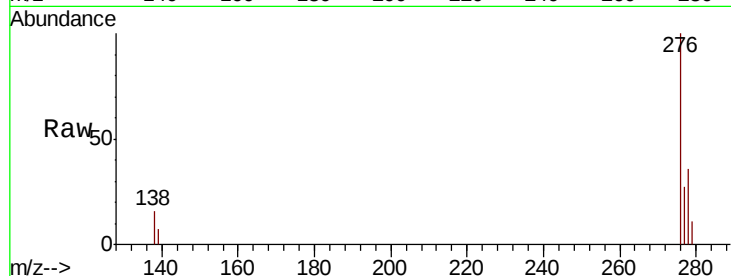
Tgt Ion: 278 Resp: 14995

Ion Ratio Lower Upper

278 100

139 18.5 9.5 14.3#

279 30.9 19.1 28.7#



#39

Benzo(g,h,i)perylene

Concen: 0.421 ng

RT: 27.36 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BE099260.D

Acq: 29 Mar 2019 18:21

Tgt Ion: 276 Resp: 50617

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 13.4 11.1 16.7

