

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
 Data File : BE099553.D
 Acq On : 6 May 2019 15:27
 Operator : JU/SJ
 Sample : K2587-20DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-004-SW068-042319DL

Quant Time: May 07 08:11:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 08:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1566	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5661	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4068	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12201	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16948	0.40	ng	-0.01
34) Perylene-d12	23.99	264	19719	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	111	0.03	ng	0.00
5) Phenol-d6	6.99	99	183	0.03	ng	0.00
8) Nitrobenzene-d5	8.99	82	129	0.02	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	227	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	62	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	347	0.02	ng	0.00
25) Fluoranthene-d10	19.28	212	3215	0.02	ng	0.00
29) Terphenyl-d14	19.87	244	1106	0.04	ng	0.00

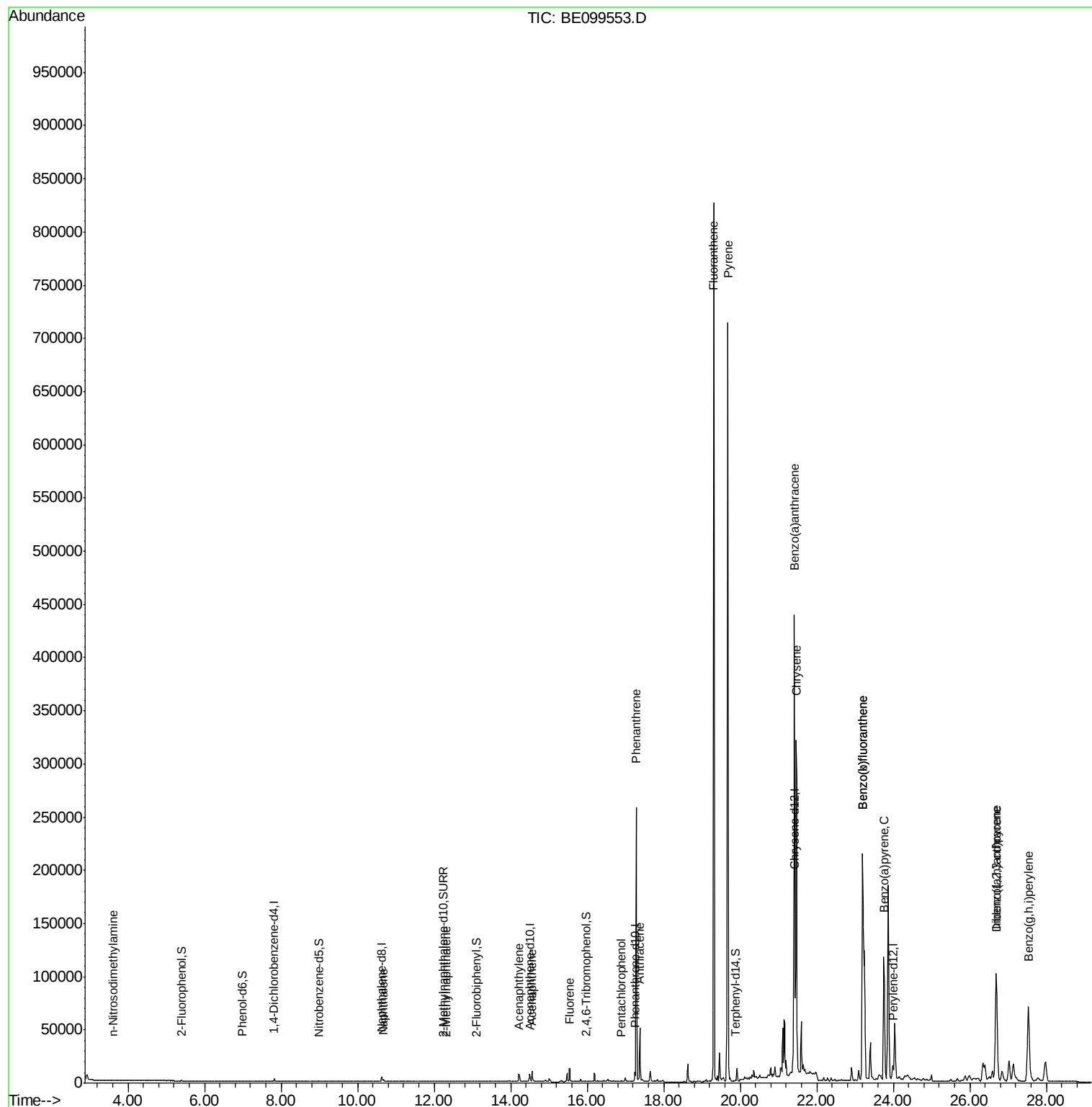
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.60	42	44	0.034	ng	# 1
9) Naphthalene	10.68	128	3200	0.052	ng	# 93
12) 2-Methylnaphthalene	12.31	142	467	0.044	ng	# 85
16) Acenaphthylene	14.21	152	10758	0.540	ng	99
17) Acenaphthene	14.56	154	4987	0.439	ng	99
18) Fluorene	15.54	166	11381	0.679	ng	97
22) Pentachlorophenol	16.88	266	18	0.220	ng	# 65
23) Phenanthrene	17.28	178	262065	8.324	ng	100
24) Anthracene	17.38	178	52110	1.737	ng	98
26) Fluoranthene	19.31	202	786404	16.676	ng	99
28) Pyrene	19.67	202	664896	15.050	ng	# 95
30) Benzo(a)anthracene	21.41	228	393603	7.289	ng	98
31) Chrysene	21.46	228	328746	6.221	ng	97
32) Bis(2-ethylhexyl)phthalate	21.33	149	2513	Below Cal		# 97
33) Indeno(1,2,3-cd)pyrene	26.69	276	208218	3.334	ng	# 97
35) Benzo(b)fluoranthene	23.20	252	423398	7.446	ng	# 98
36) Benzo(k)fluoranthene	23.20	252	423398	7.722	ng	99
37) Benzo(a)pyrene	23.75	252	182461	3.394	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	47425	0.862	ng	97
39) Benzo(g,h,i)perylene	27.53	276	189302	3.436	ng	99

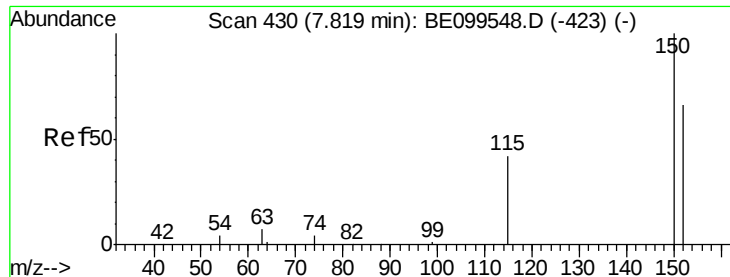
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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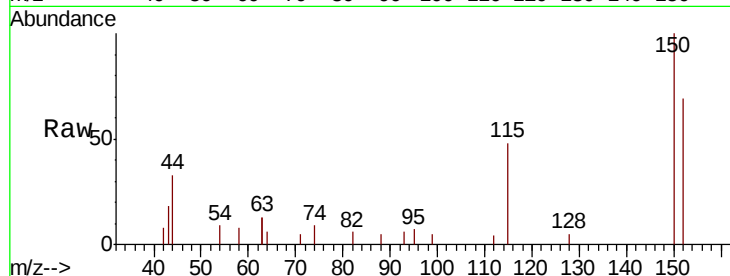


#1

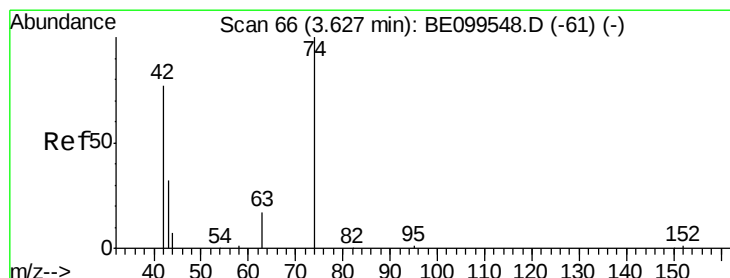
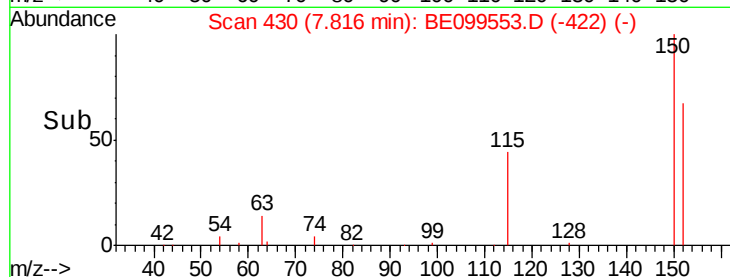
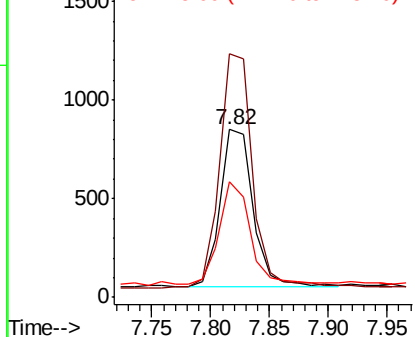
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099553.D
Acq: 6 May 2019 15:27

Instrument :
BNA_E
ClientSampleId :
EXT-004-SW068-042319DL

Tgt Ion: 152 Resp: 1566
Ion Ratio Lower Upper
152 100
150 145.2 104.8 157.2
115 69.2 46.6 69.8



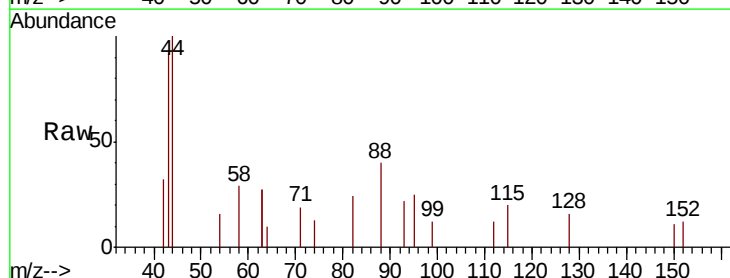
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



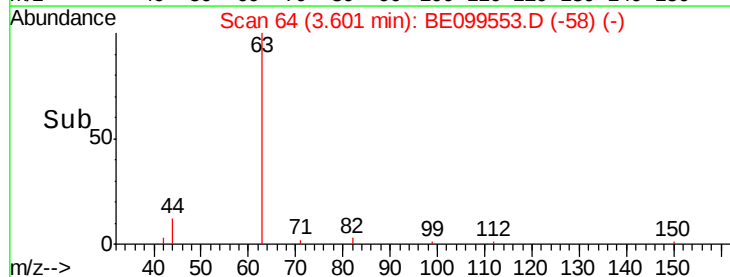
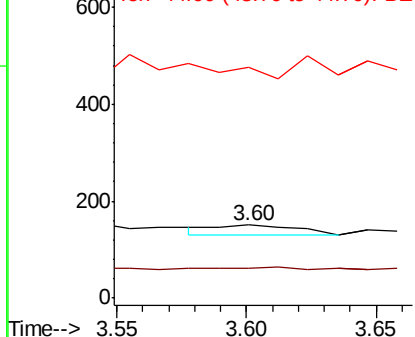
#3

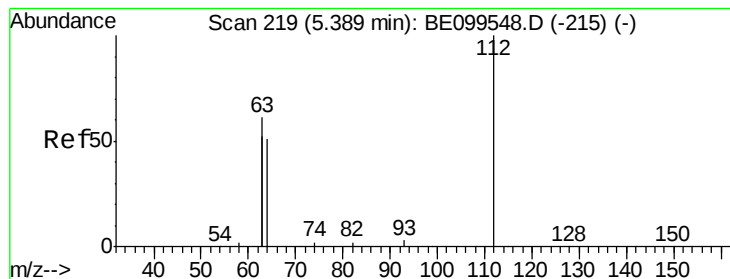
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.03 min
Lab File: BE099553.D
Acq: 6 May 2019 15:27

Tgt Ion: 42 Resp: 44
Ion Ratio Lower Upper
42 100
74 22.7 141.6 212.4#
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.026 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

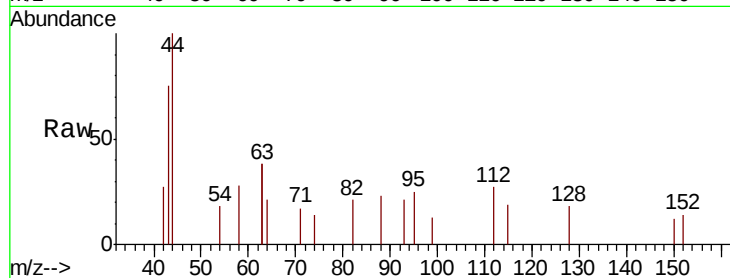
Tgt Ion: 112 Resp: 111

Ion Ratio Lower Upper

112 100

64 69.4 47.4 71.0

63 113.5 104.3 156.5



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

400

300

200

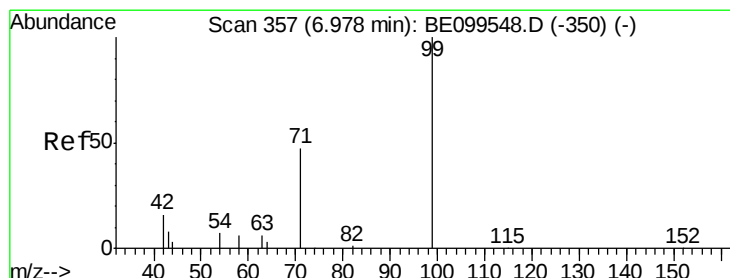
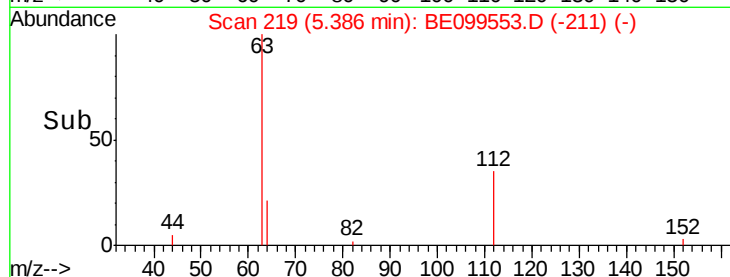
100

0

5.30 5.35 5.40 5.45

5.39

Time-->



#5

Phenol-d6

Concen: 0.032 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

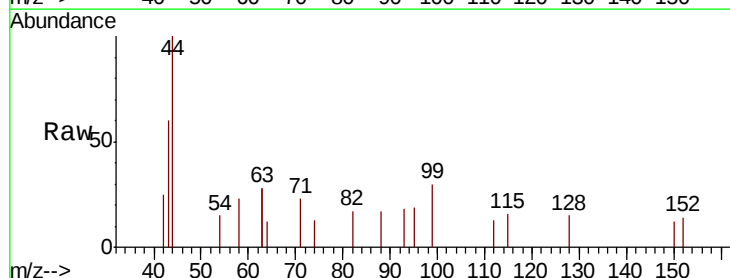
Tgt Ion: 99 Resp: 183

Ion Ratio Lower Upper

99 100

42 15.8 14.9 22.3

71 41.5 33.0 49.6



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

150

100

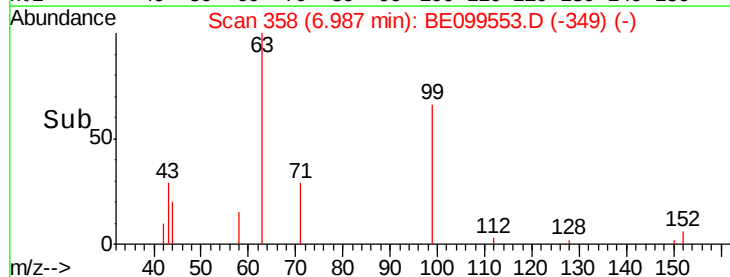
50

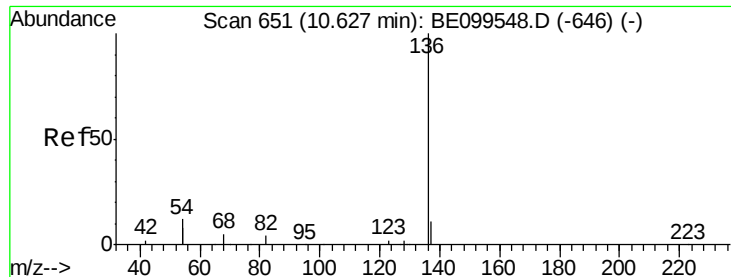
0

6.90 7.00 7.10

6.99

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

Tgt Ion: 136 Resp: 5661

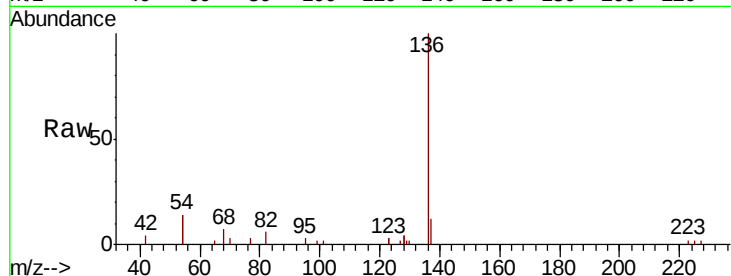
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 28.6 18.5 27.7#

68 7.1 4.7 7.1#

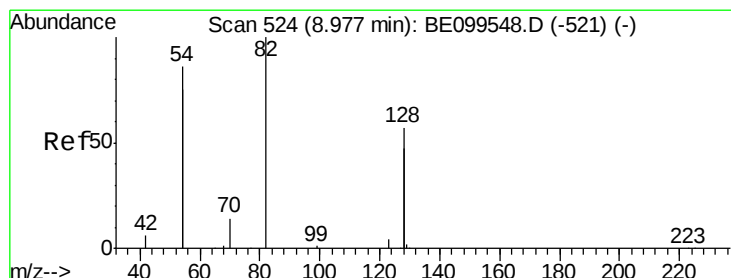
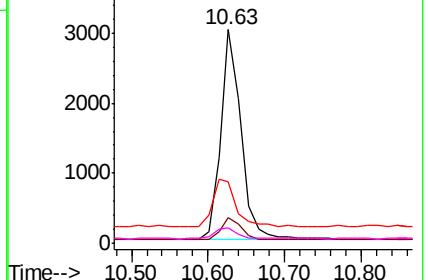
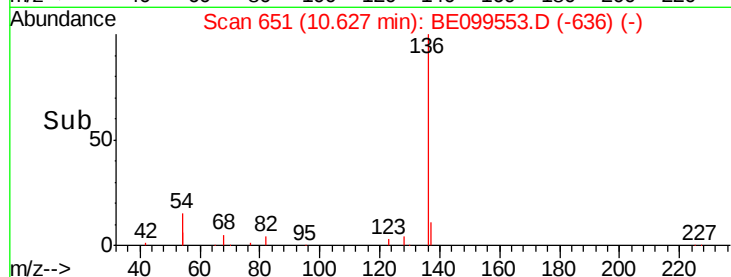


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.024 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

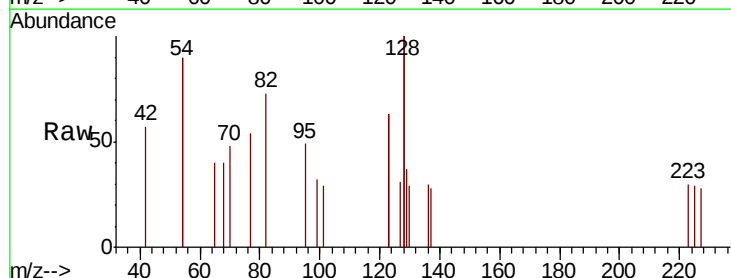
Tgt Ion: 82 Resp: 129

Ion Ratio Lower Upper

82 100

128 273.2 107.0 160.4#

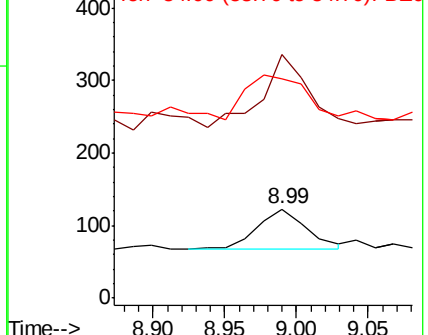
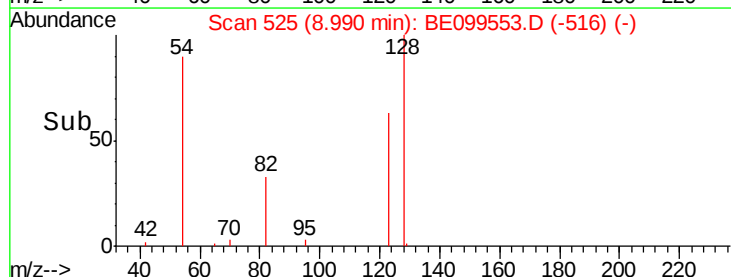
54 245.5 113.1 169.7#

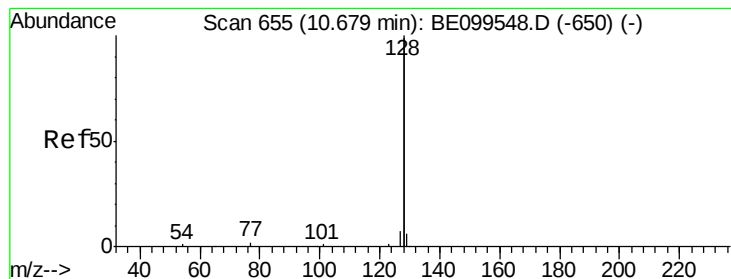


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.052 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

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ClientSampleId :

EXT-004-SW068-042319DL

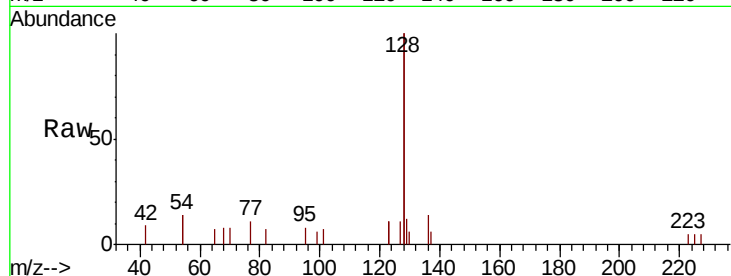
Tgt Ion:128 Resp: 3200

Ion Ratio Lower Upper

128 100

129 5.8 2.4 3.6#

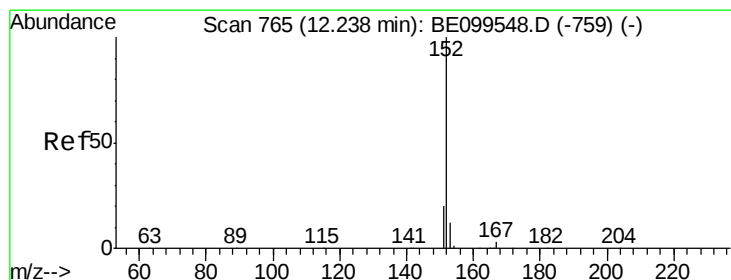
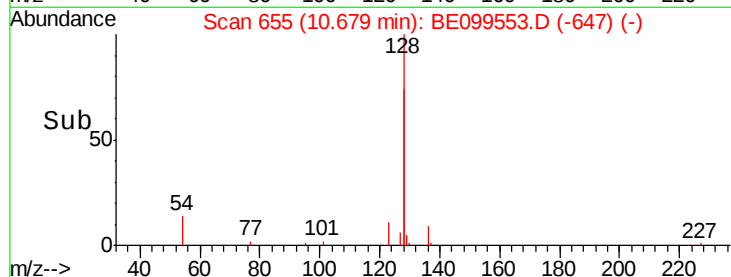
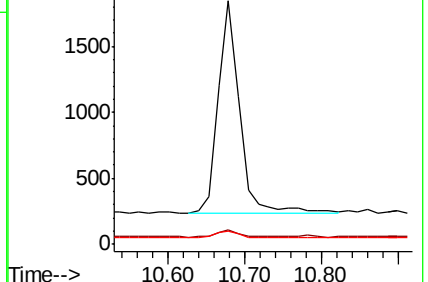
127 5.6 2.8 4.2#



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: 0.022 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE099553.D

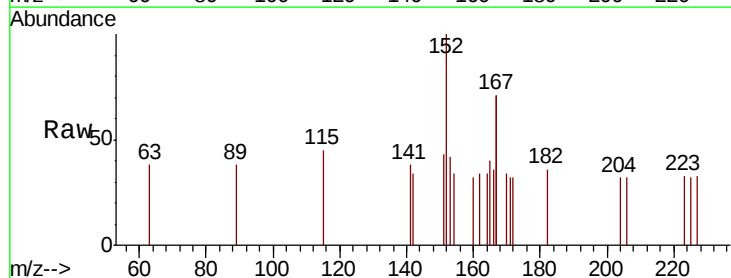
Acq: 6 May 2019 15:27

Tgt Ion:152 Resp: 227

Ion Ratio Lower Upper

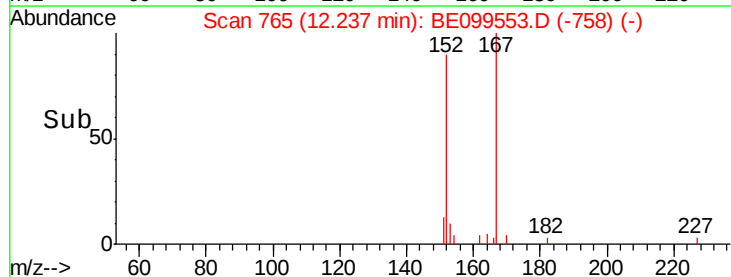
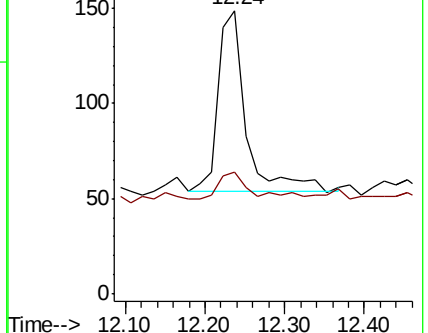
152 100

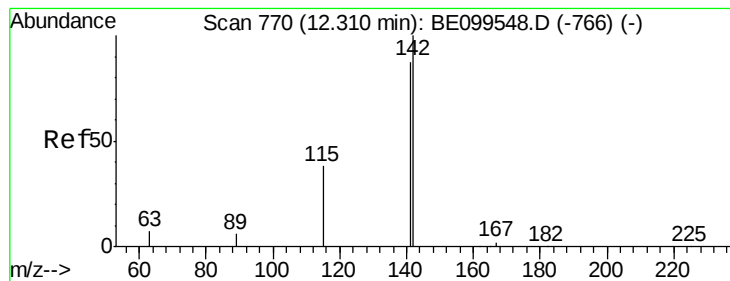
151 15.4 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.044 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE099553.D

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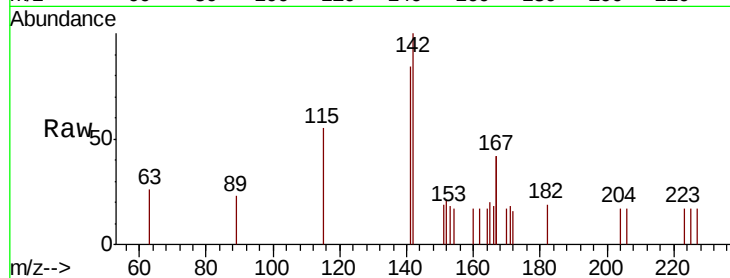
Tgt Ion:142 Resp: 467

Ion Ratio Lower Upper

142 100

141 84.3 77.0 115.4

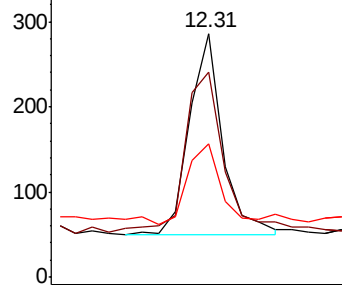
115 54.5 33.4 50.0#



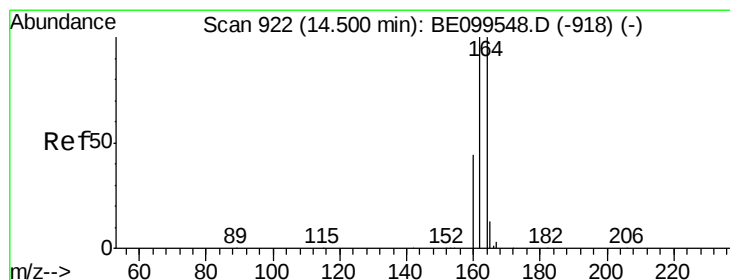
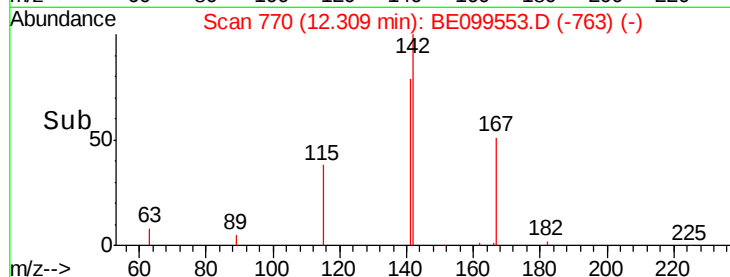
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

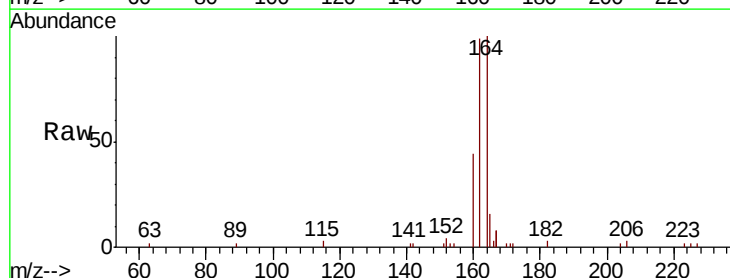
Tgt Ion:164 Resp: 4068

Ion Ratio Lower Upper

164 100

162 98.8 79.0 118.4

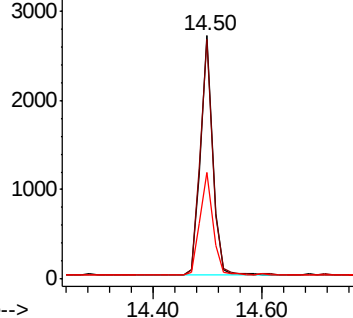
160 44.0 37.0 55.4



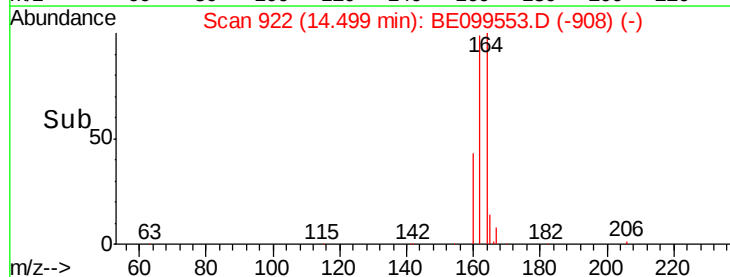
Abundance Ion 164.00 (163.70 to 164.70): E

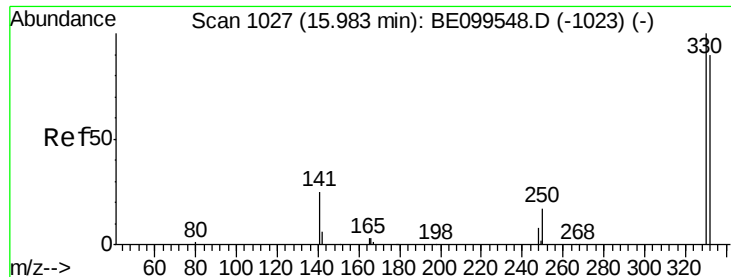
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

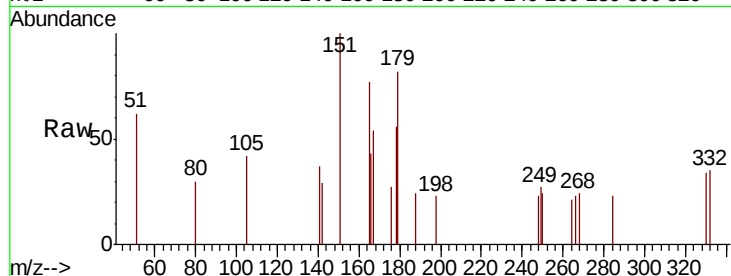




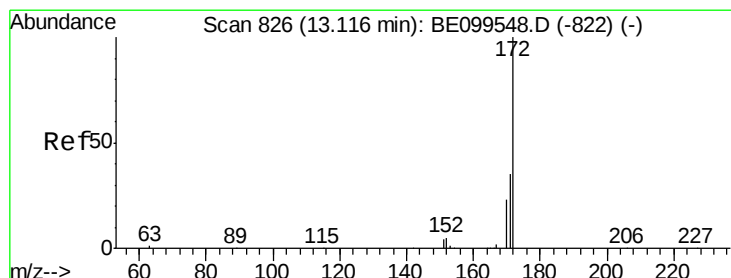
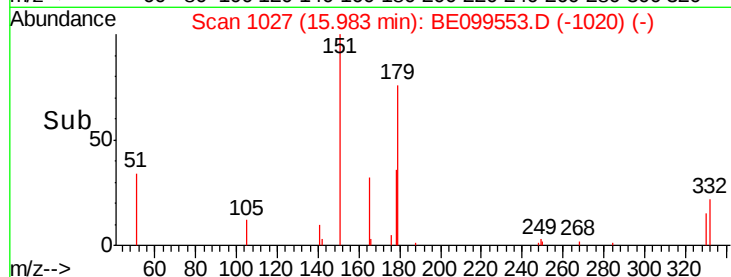
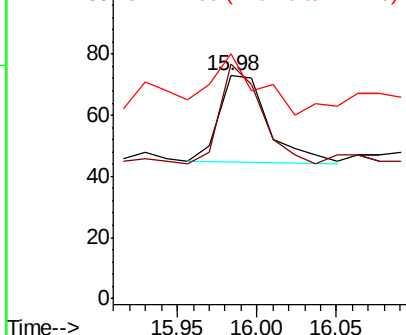
#14
 2,4,6-Tribromophenol
 Concen: 0.024 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099553.D
 Acq: 6 May 2019 15:27

Instrument :
 BNA_E
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 EXT-004-SW068-042319DL

Tgt Ion: 330 Resp: 62
 Ion Ratio Lower Upper
 330 100
 332 95.2 71.5 107.3
 141 95.2 24.0 36.0#

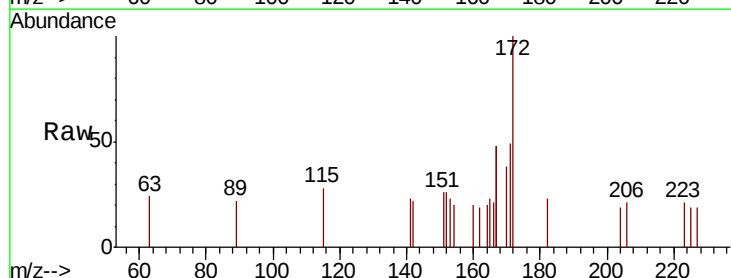


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

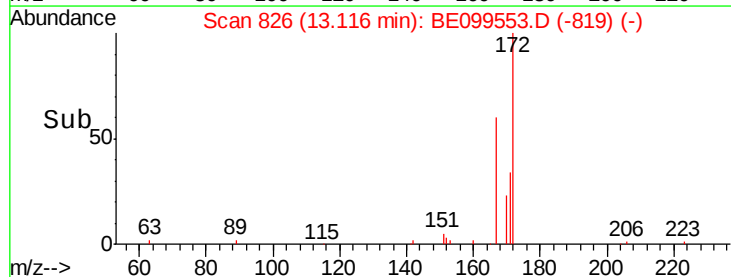
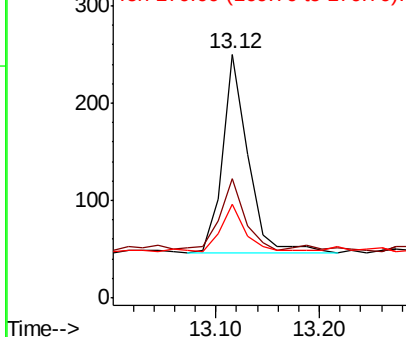


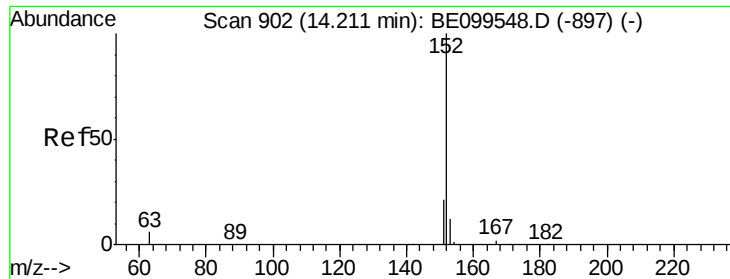
#15
 2-Fluorobiphenyl
 Concen: 0.022 ng
 RT: 13.12 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE099553.D
 Acq: 6 May 2019 15:27

Tgt Ion: 172 Resp: 347
 Ion Ratio Lower Upper
 172 100
 171 48.8 26.6 39.8#
 170 38.4 17.0 25.6#



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

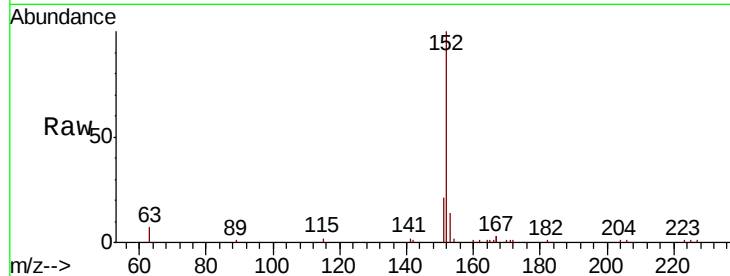




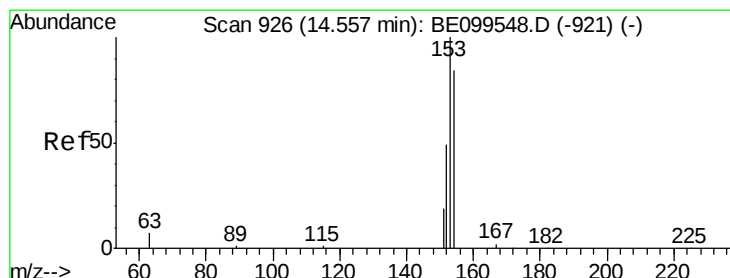
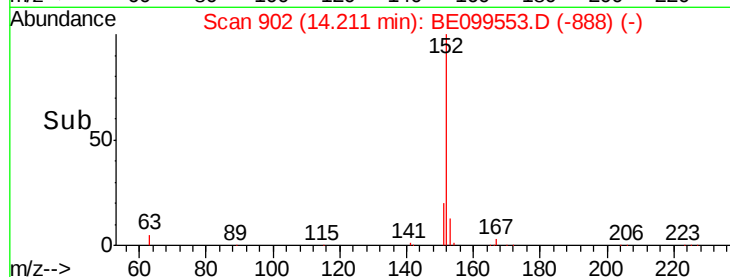
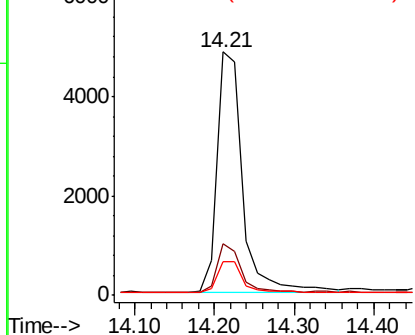
#16
Acenaphthylene
Concen: 0.540 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099553.D
Acq: 6 May 2019 15:27

Instrument :
BNA_E
ClientSampleId :
EXT-004-SW068-042319DL

Tgt Ion:152 Resp: 10758
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.4 9.8 14.6

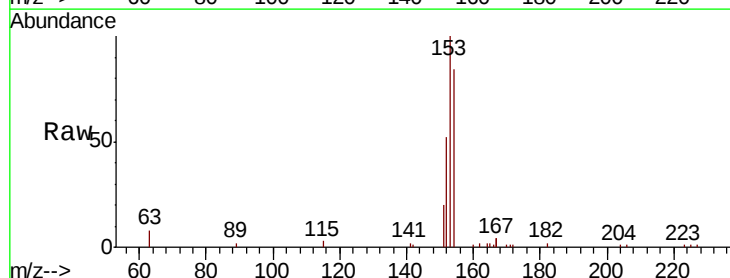


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

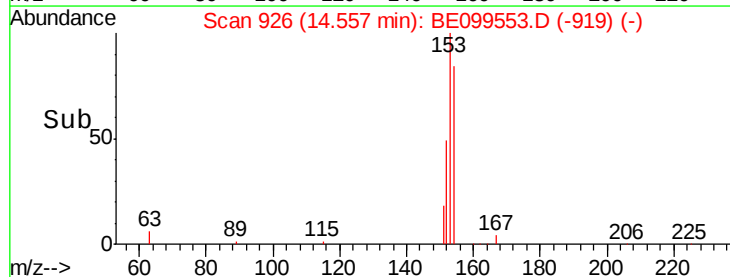
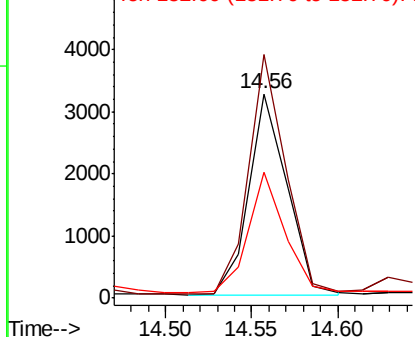


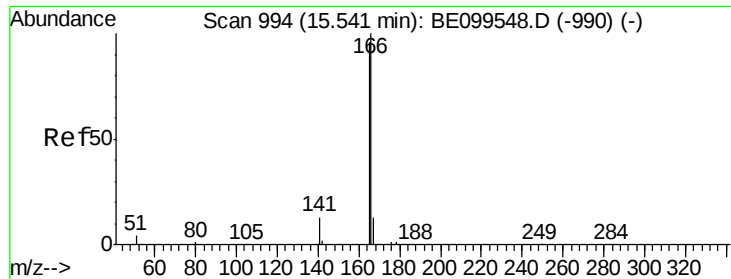
#17
Acenaphthene
Concen: 0.439 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE099553.D
Acq: 6 May 2019 15:27

Tgt Ion:154 Resp: 4987
Ion Ratio Lower Upper
154 100
153 117.1 92.6 138.8
152 57.0 45.8 68.8



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

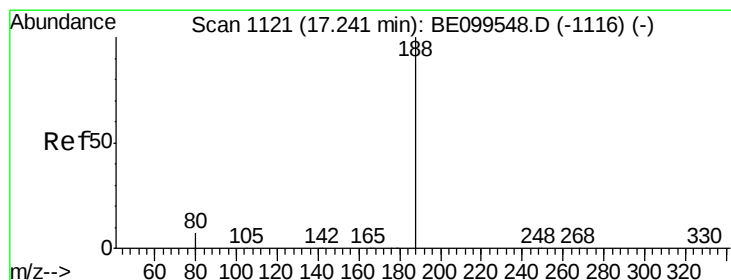
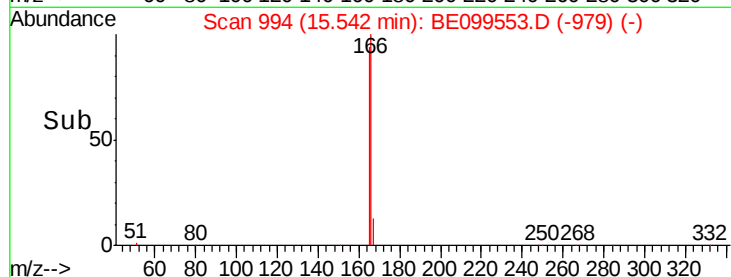
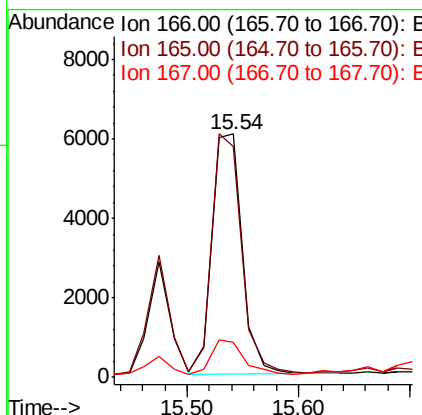
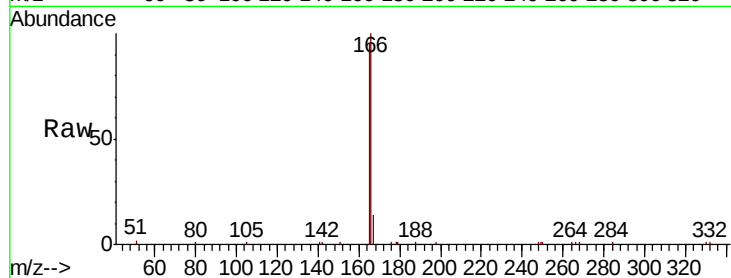




#18
 Fluorene
 Concen: 0.679 ng
 RT: 15.54 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BE099553.D
 Acq: 6 May 2019 15:27

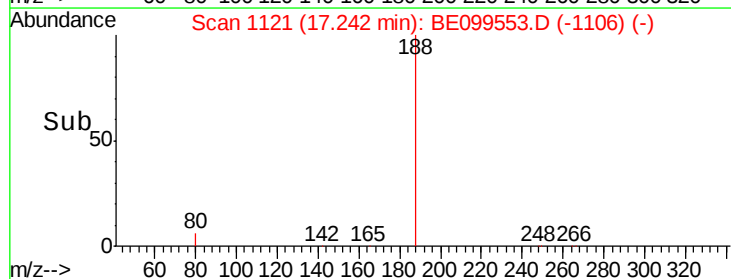
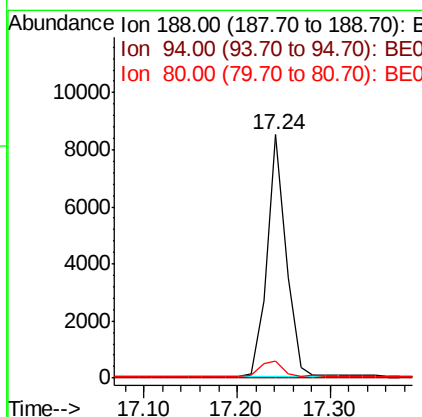
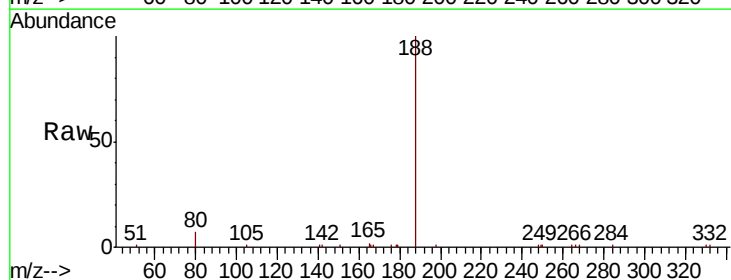
Instrument :
 BNA_E
 ClientSampleId :
 EXT-004-SW068-042319DL

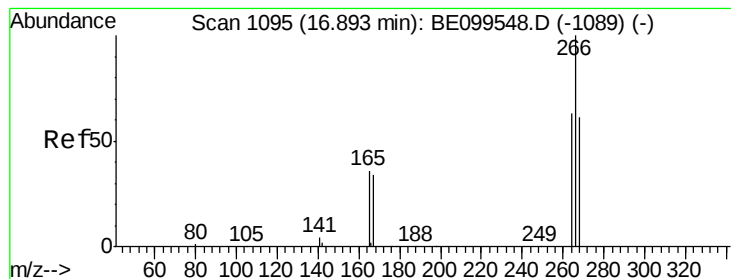
Tgt Ion:166 Resp: 11381
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.3 120.5
 167 15.1 10.7 16.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BE099553.D
 Acq: 6 May 2019 15:27

Tgt Ion:188 Resp: 12201
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.9 6.7 10.1





#22

Pentachlorophenol

Concen: 0.220 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

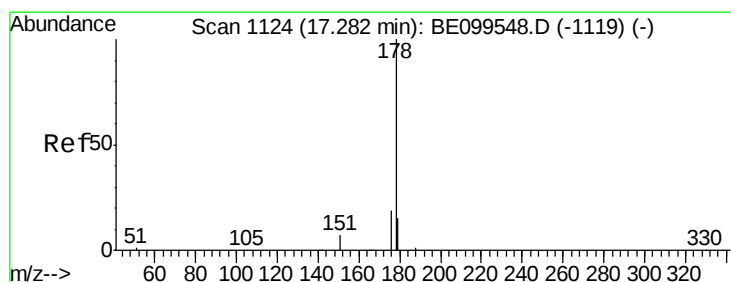
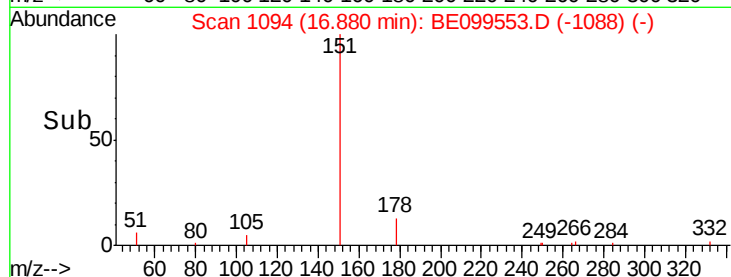
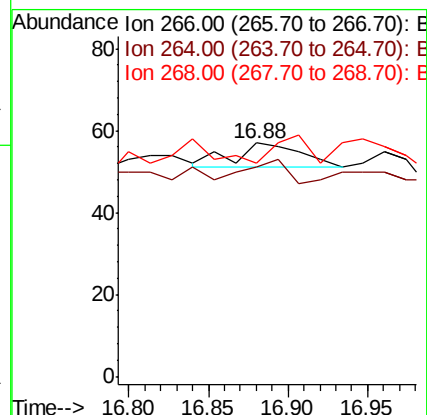
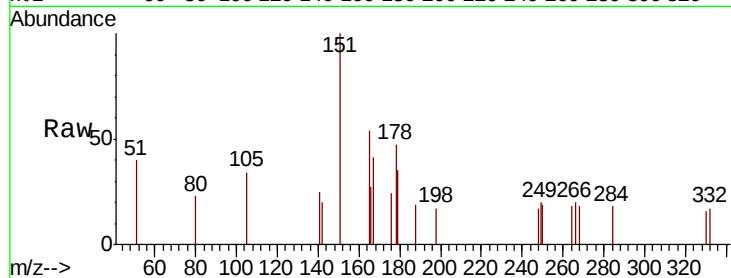
Tgt Ion: 266 Resp: 18

Ion Ratio Lower Upper

266 100

264 89.5 50.8 76.2#

268 91.2 50.5 75.7#



#23

Phenanthrene

Concen: 8.324 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

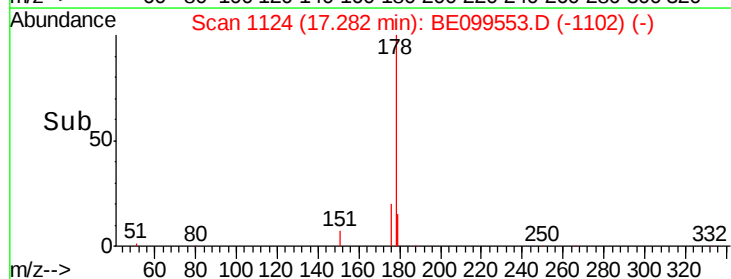
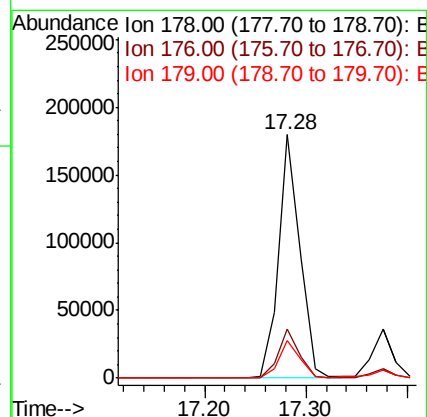
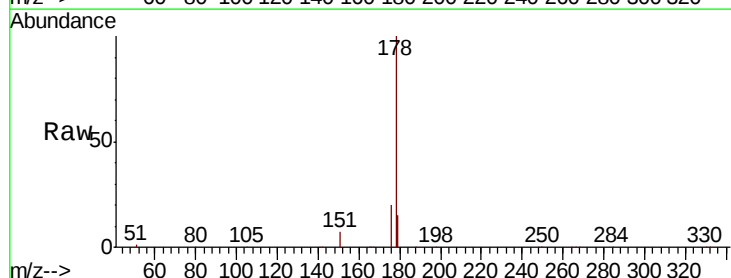
Tgt Ion: 178 Resp: 262065

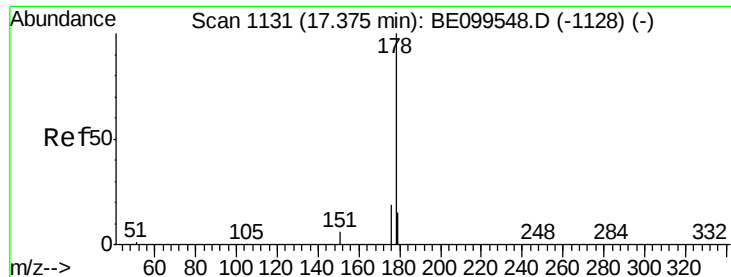
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.4 12.0 18.0





#24

Anthracene

Concen: 1.737 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

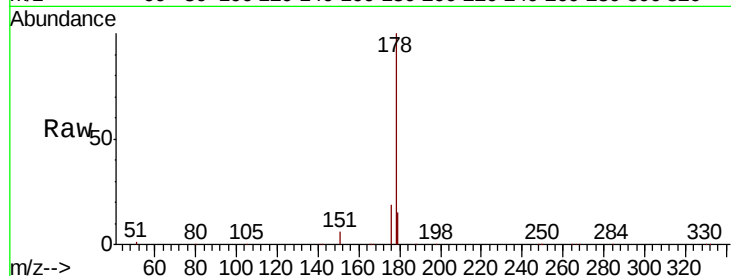
Tgt Ion:178 Resp: 52110

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 16.8 11.9 17.9

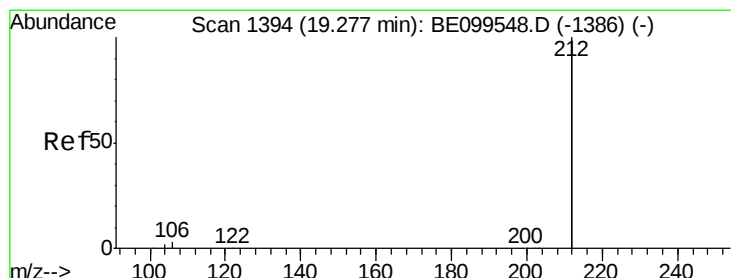
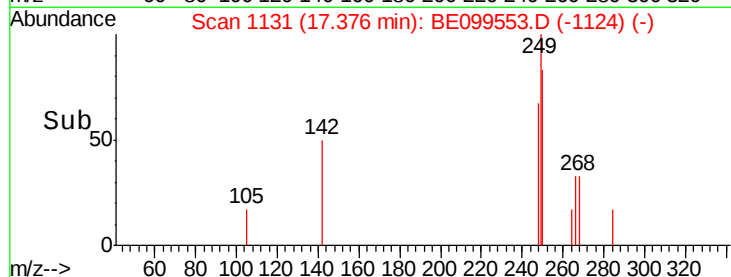
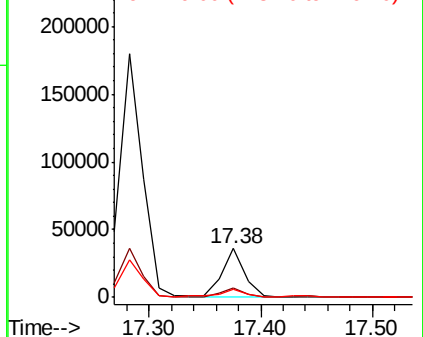


Abundance

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: 0.020 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

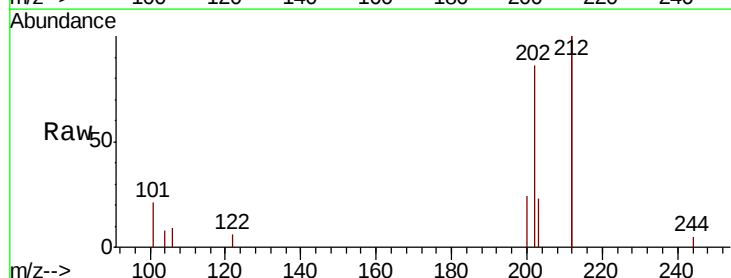
Tgt Ion:212 Resp: 3215

Ion Ratio Lower Upper

212 100

106 3.8 1.5 2.3#

104 2.3 0.9 1.3#

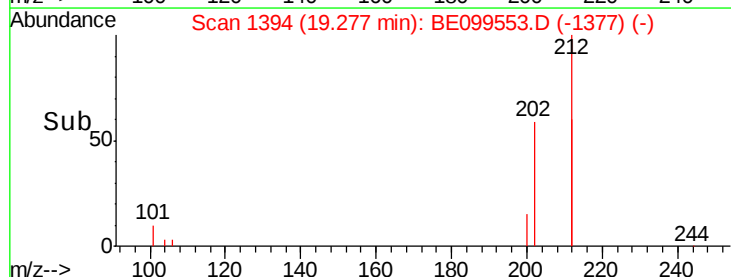
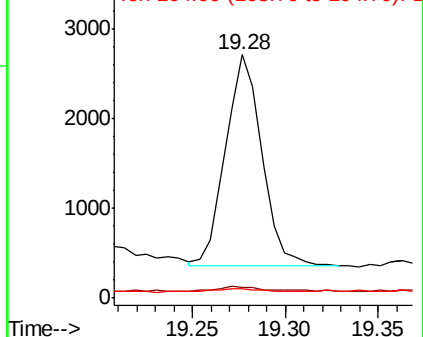


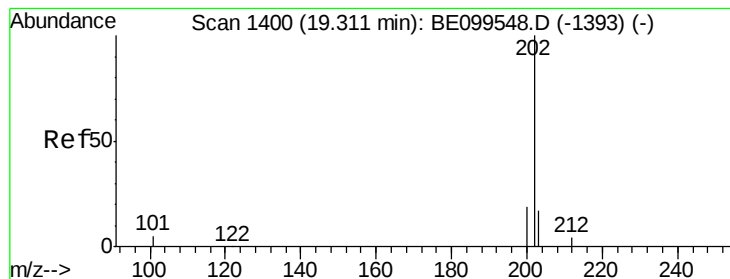
Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 16.676 ng

RT: 19.31 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

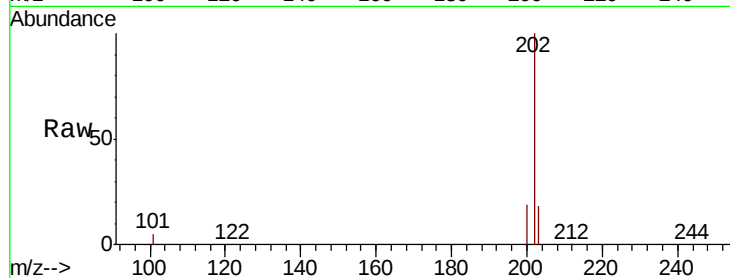
Tgt Ion:202 Resp: 786404

Ion Ratio Lower Upper

202 100

101 6.2 5.4 8.0

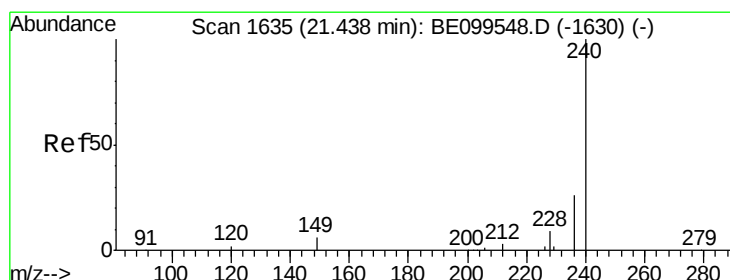
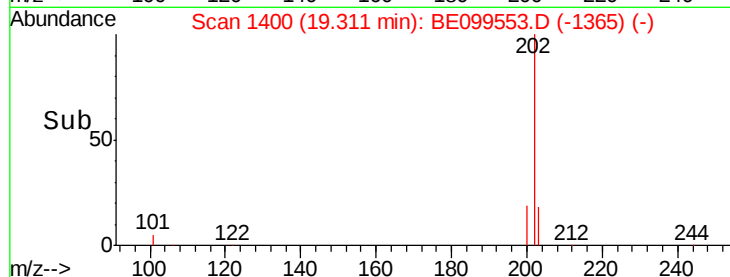
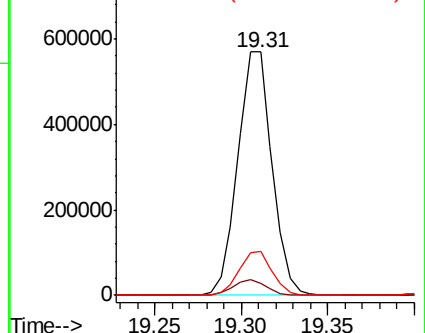
203 17.6 13.9 20.9



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: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

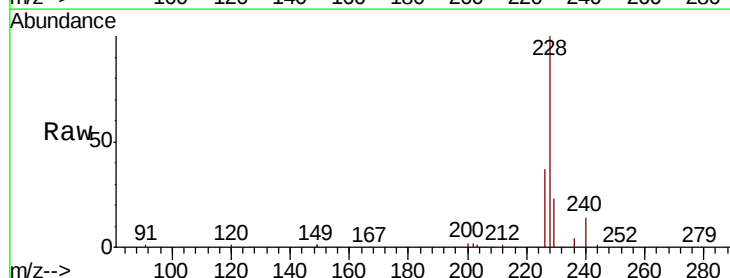
Tgt Ion:240 Resp: 16948

Ion Ratio Lower Upper

240 100

120 6.6 4.0 6.0#

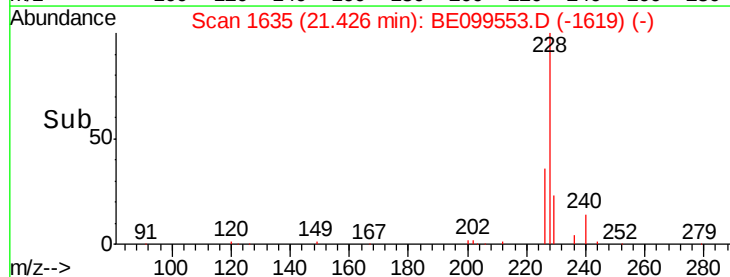
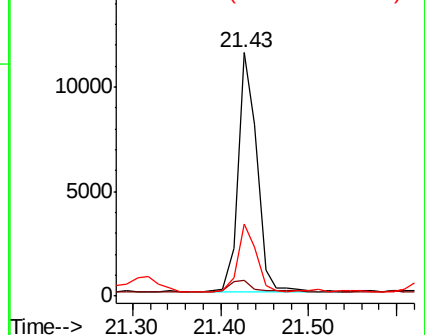
236 29.4 22.0 33.0

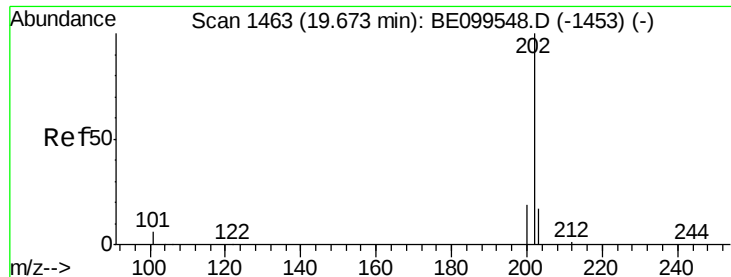


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 15.050 ng

RT: 19.67 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

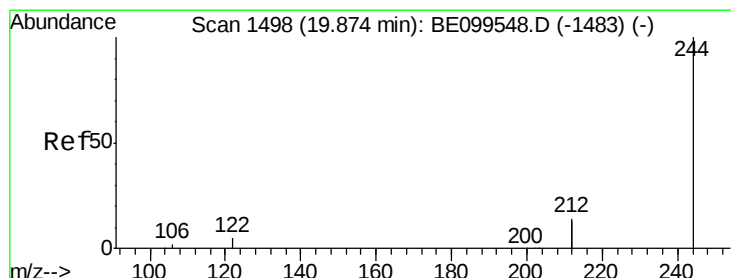
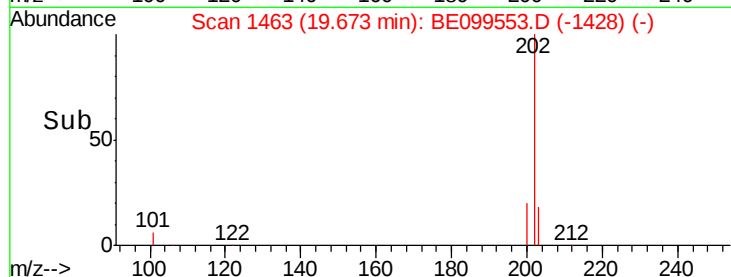
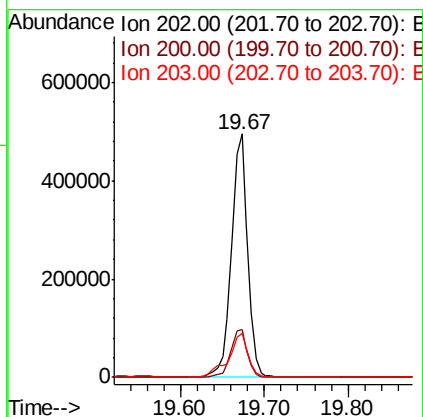
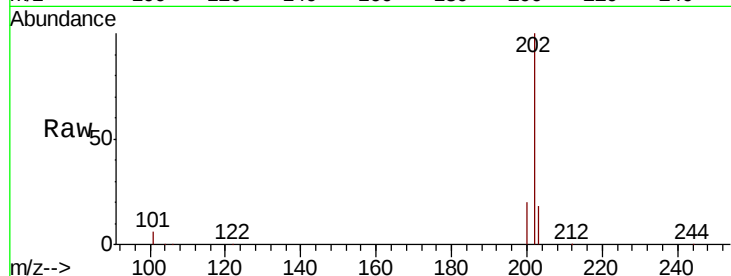
Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

Tgt Ion:	202	Resp:	664896
Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	21.7	13.9	20.9#



#29

Terphenyl-d14

Concen: 0.036 ng

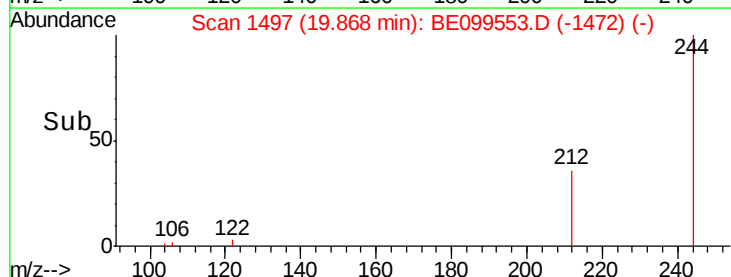
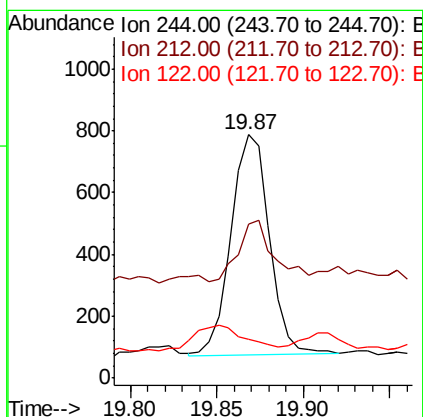
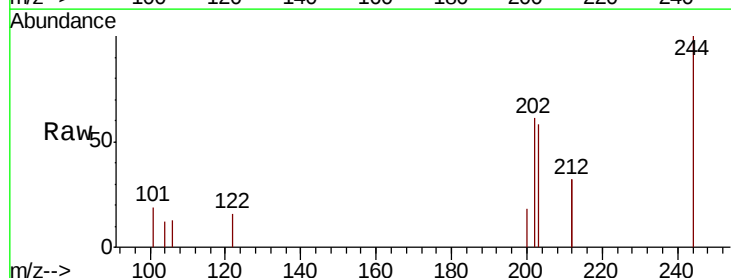
RT: 19.87 min Scan# 1497

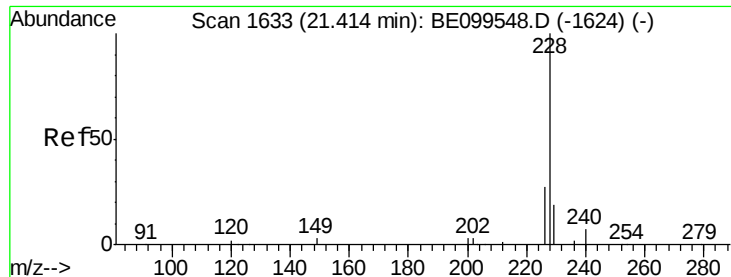
Delta R.T. -0.01 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Tgt Ion:	244	Resp:	1106
Ion	Ratio	Lower	Upper
244	100		
212	63.5	23.2	34.8#
122	16.1	4.2	6.4#





#30

Benzo(a)anthracene

Concen: 7.289 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

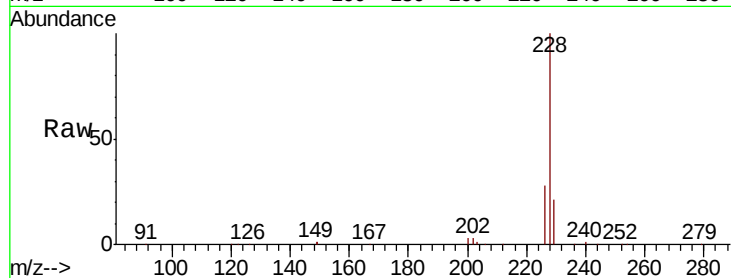
Tgt Ion:228 Resp: 393603

Ion Ratio Lower Upper

228 100

226 28.3 21.0 31.6

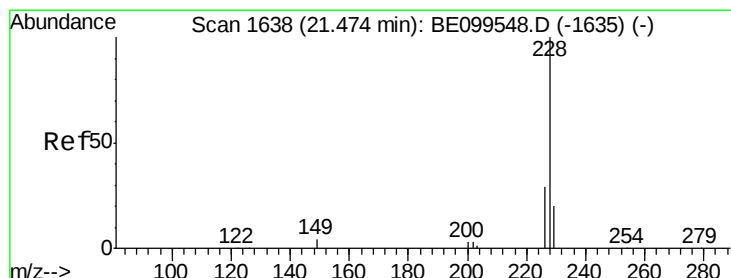
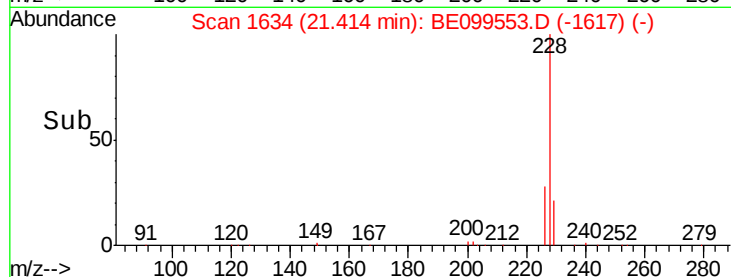
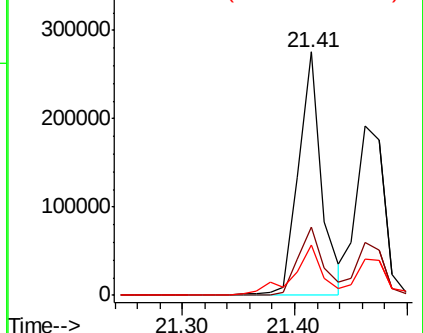
229 20.8 16.6 25.0



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



#31

Chrysene

Concen: 6.221 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

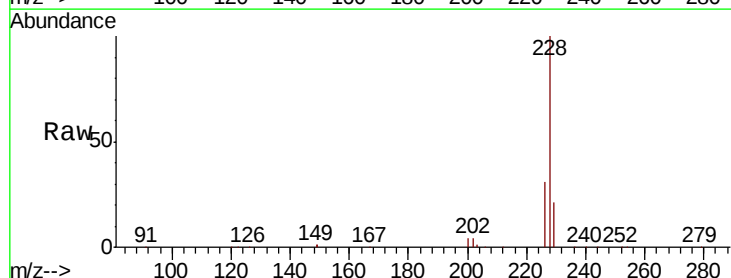
Tgt Ion:228 Resp: 328746

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

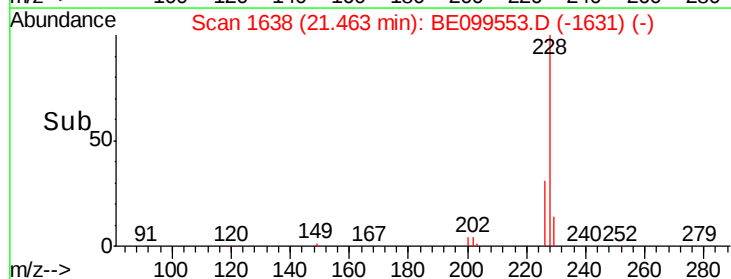
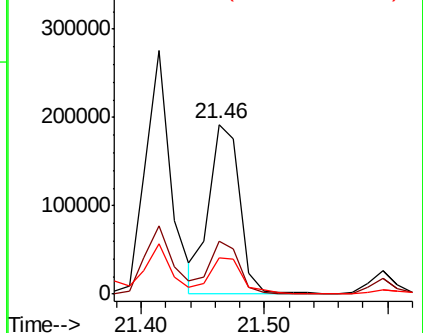
229 21.4 15.8 23.8

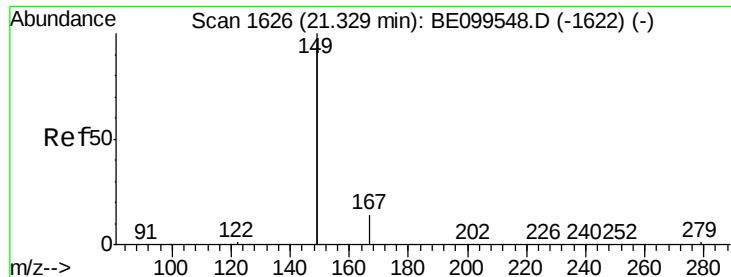


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

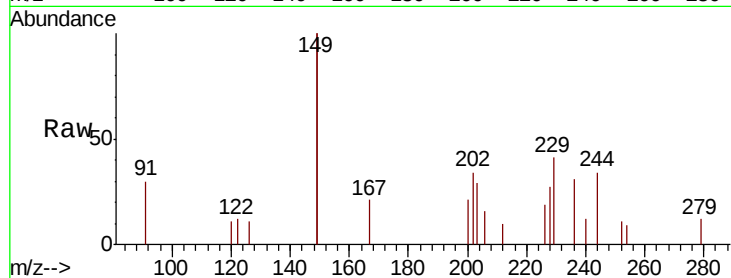
Tgt Ion:149 Resp: 2513

Ion Ratio Lower Upper

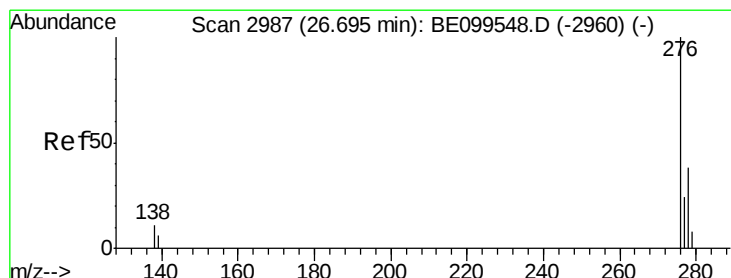
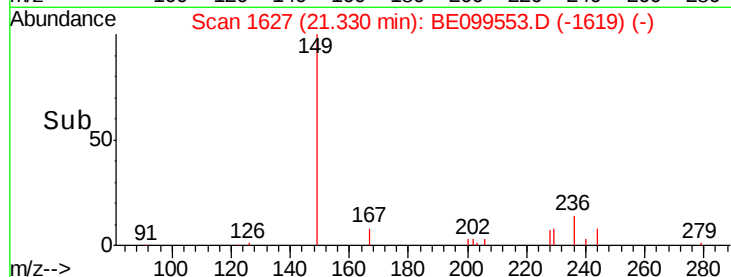
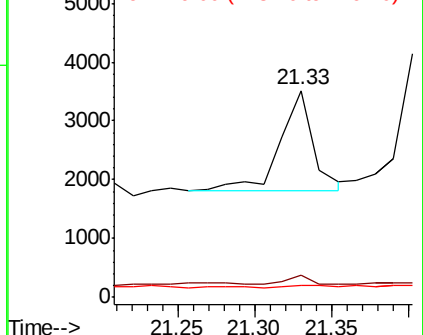
149 100

167 6.2 5.8 8.6

279 3.1 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: 3.334 ng

RT: 26.69 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

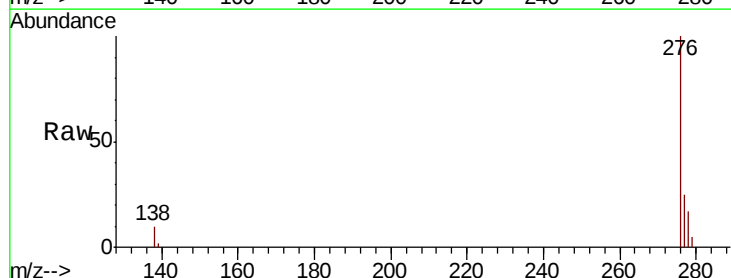
Tgt Ion:276 Resp: 208218

Ion Ratio Lower Upper

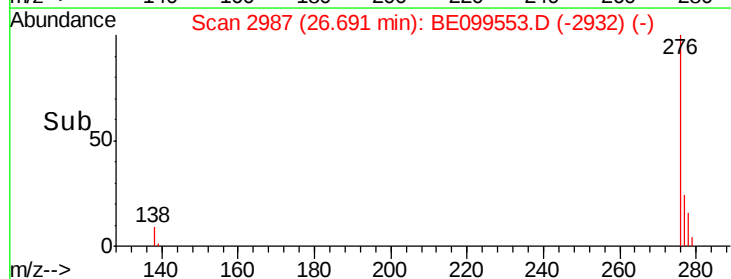
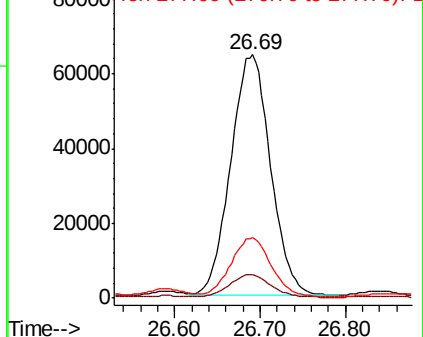
276 100

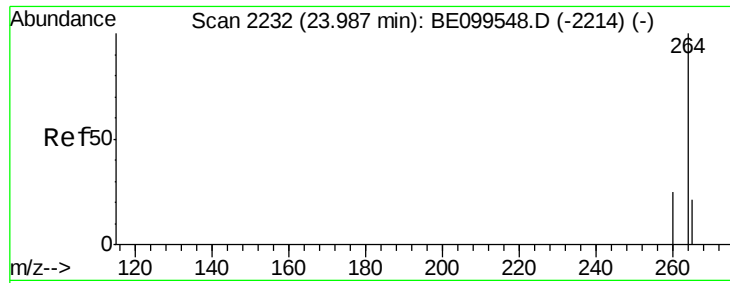
138 9.7 10.2 15.2#

277 24.6 19.2 28.8



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

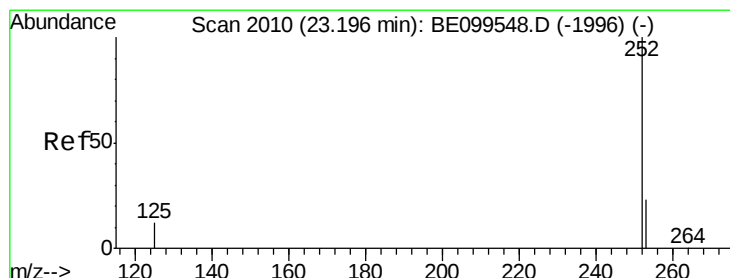
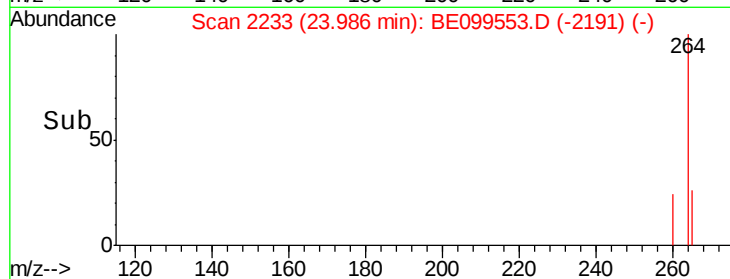
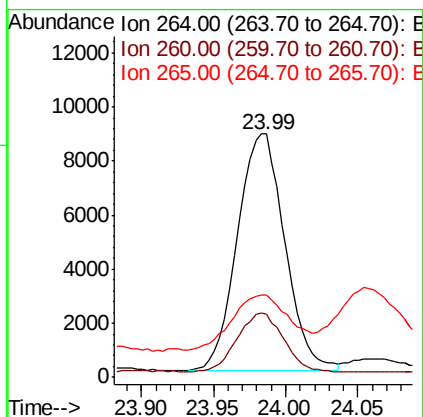
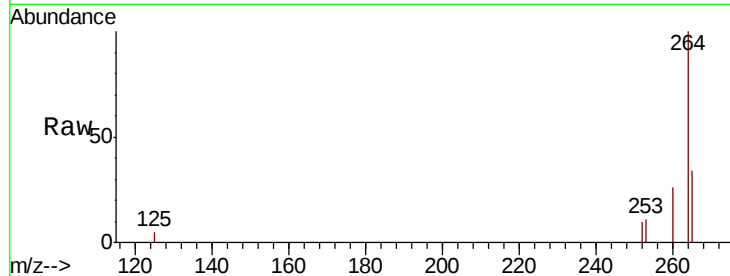




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BE099553.D
 Acq: 6 May 2019 15:27

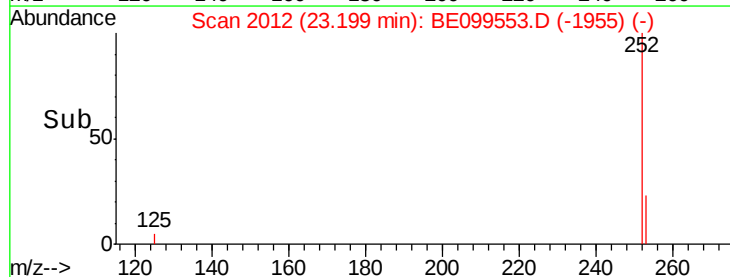
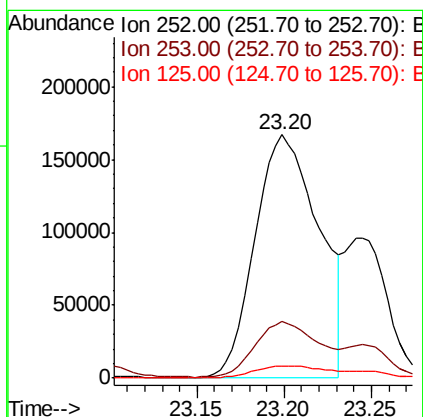
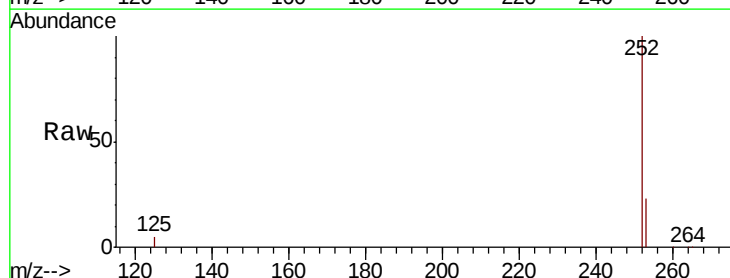
Instrument :
 BNA_E
 ClientSampleId :
 EXT-004-SW068-042319DL

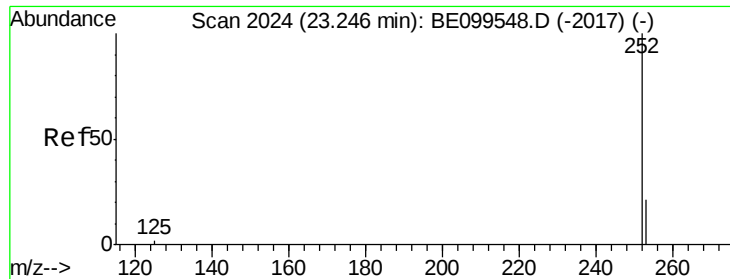
Tgt Ion: 264 Resp: 19719
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.2 30.2
 265 33.8 21.3 31.9#



#35
 Benzo(b)fluoranthene
 Concen: 7.446 ng
 RT: 23.20 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BE099553.D
 Acq: 6 May 2019 15:27

Tgt Ion: 252 Resp: 423398
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.1 27.1
 125 5.1 5.6 8.4#

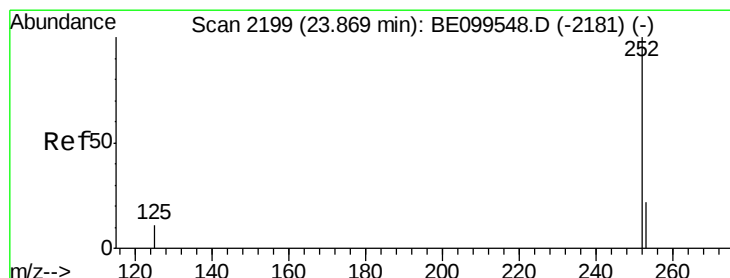
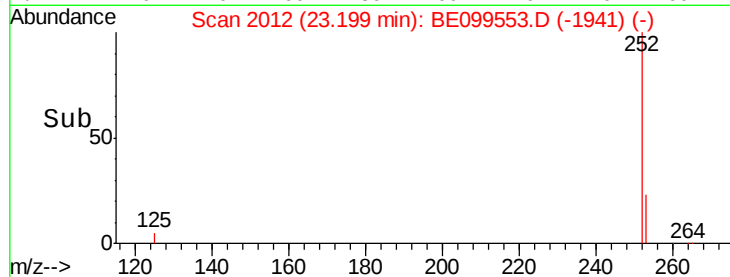
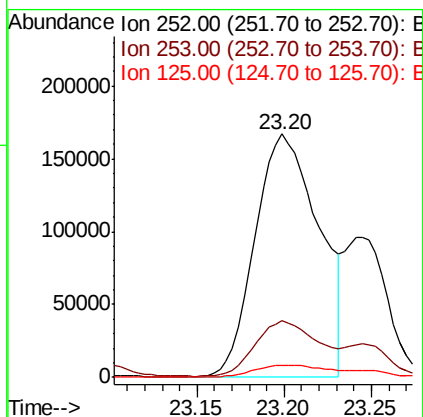
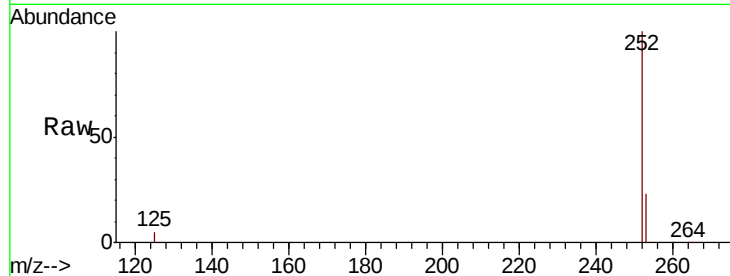




#36
Benzo(k)fluoranthene
Concen: 7.722 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.05 min
Lab File: BE099553.D
Acq: 6 May 2019 15:27

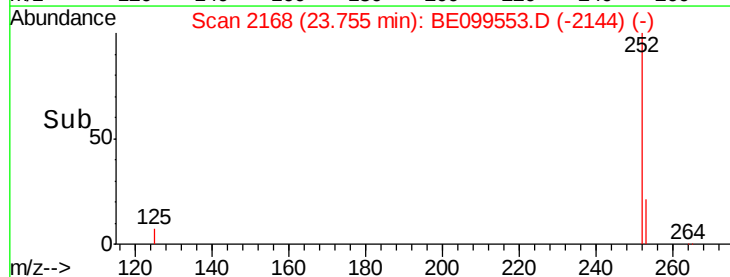
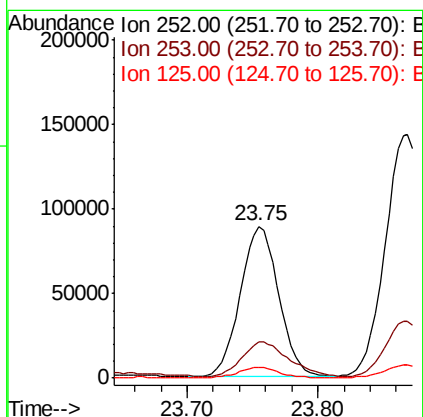
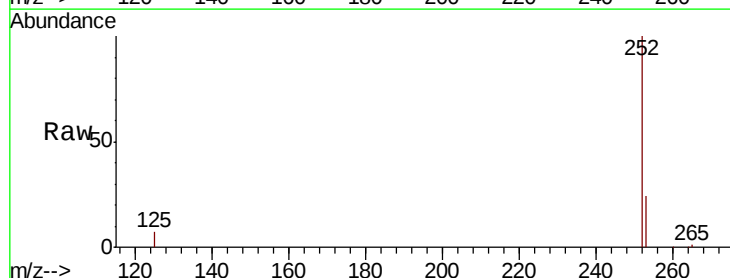
Instrument :
BNA_E
ClientSampleId :
EXT-004-SW068-042319DL

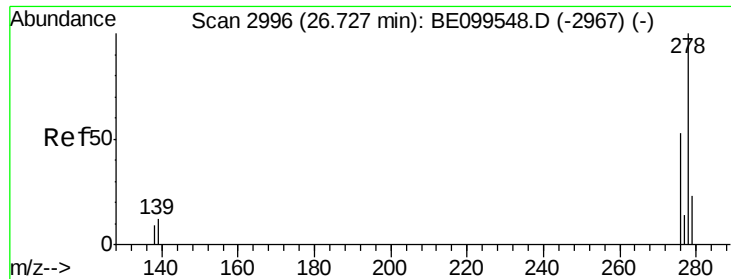
Tgt Ion: 252 Resp: 423398
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 5.1 5.0 7.4



#37
Benzo(a)pyrene
Concen: 3.394 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.11 min
Lab File: BE099553.D
Acq: 6 May 2019 15:27

Tgt Ion: 252 Resp: 182461
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 7.0 6.7 10.1





#38

Dibenzo(a,h)anthracene

Concen: 0.862 ng

RT: 26.70 min Scan# 2990

Delta R.T. -0.02 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

Instrument :

BNA_E

ClientSampleId :

EXT-004-SW068-042319DL

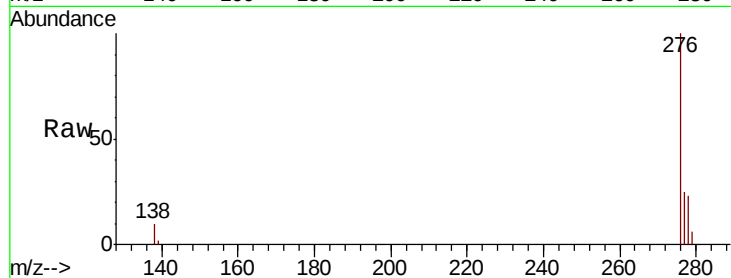
Tgt Ion:278 Resp: 47425

Ion Ratio Lower Upper

278 100

139 9.4 7.7 11.5

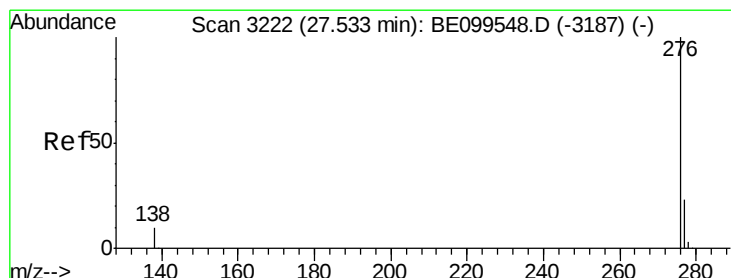
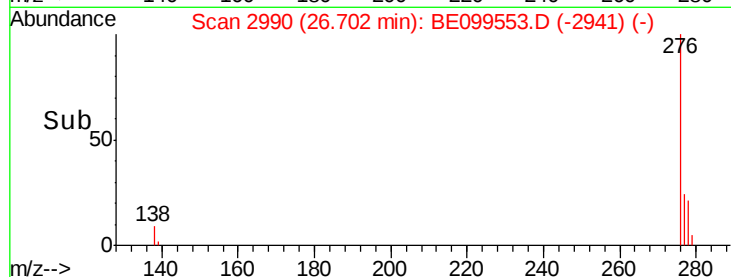
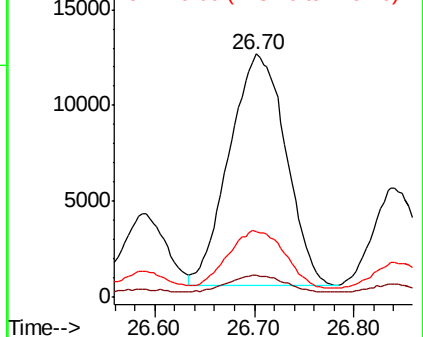
279 27.0 20.2 30.2



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: 3.436 ng

RT: 27.53 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE099553.D

Acq: 6 May 2019 15:27

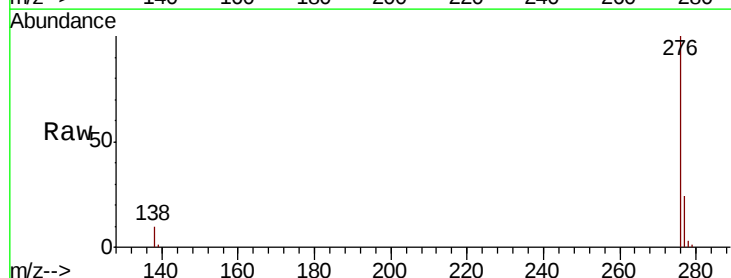
Tgt Ion:276 Resp: 189302

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 10.3 9.6 14.4



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

