

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
 Data File : BE099440.D
 Acq On : 1 May 2019 00:01
 Operator : JU/SJ
 Sample : K2568-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW042-042219

Quant Time: May 01 02:15:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2385	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8813	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6725	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	21628	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28012	0.40	ng	0.00
34) Perylene-d12	23.86	264	32793	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2362	0.36	ng	0.00
5) Phenol-d6	6.97	99	3462	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	2737	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4906	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1534	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7369	0.29	ng	-0.01
25) Fluoranthene-d10	19.22	212	83542	0.29	ng	0.00
29) Terphenyl-d14	19.81	244	18063	0.35	ng	0.00

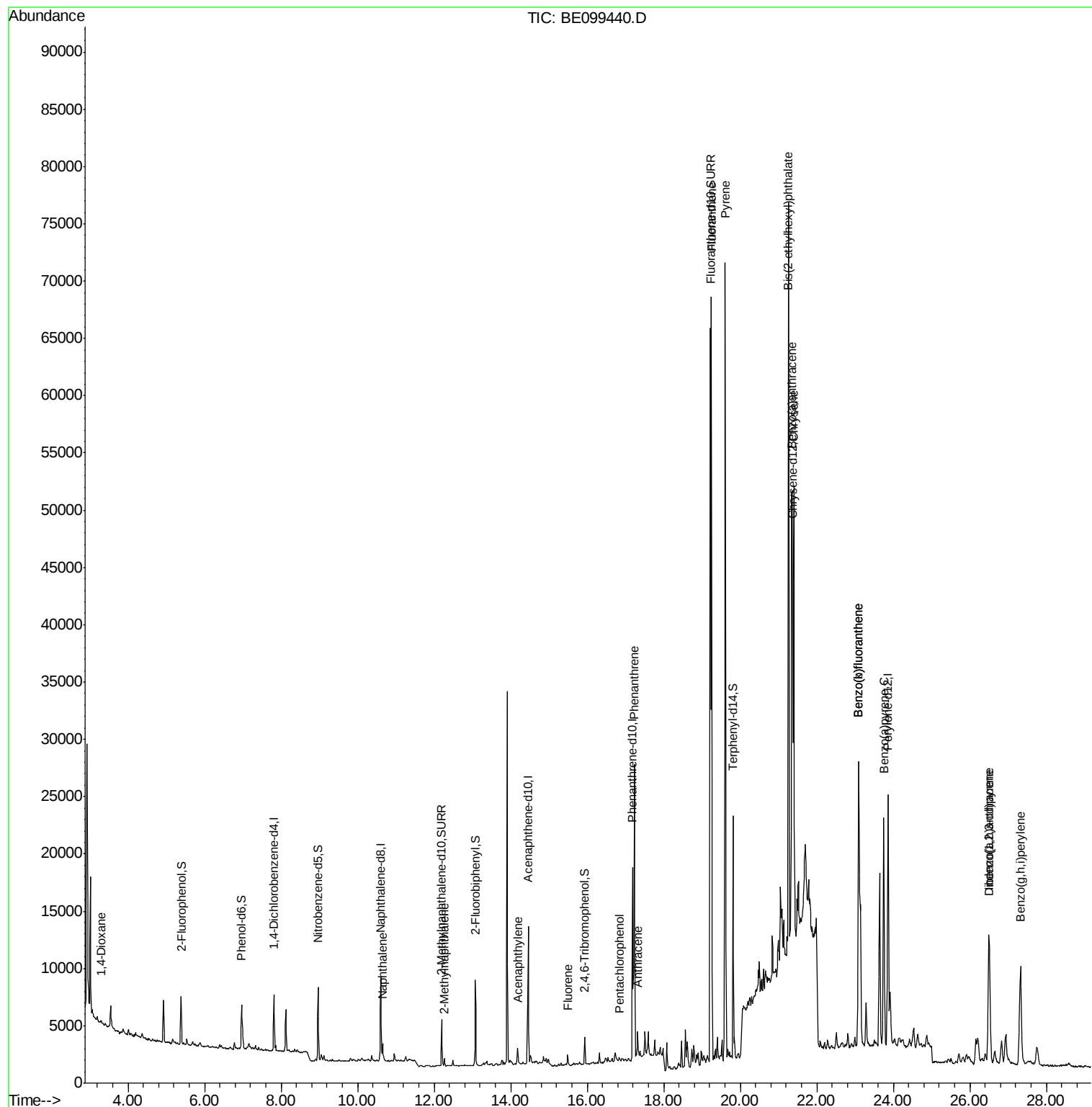
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	84	0.026	ng	# 1
9) Naphthalene	10.65	128	2479	0.026	ng	# 92
12) 2-Methylnaphthalene	12.27	142	436	0.026	ng	# 88
16) Acenaphthylene	14.18	152	2472	0.075	ng	95
18) Fluorene	15.49	166	917	0.033	ng	# 87
22) Pentachlorophenol	16.84	266	23	0.219	ng	# 61
23) Phenanthrene	17.23	178	25452	0.456	ng	99
24) Anthracene	17.32	178	2333	0.044	ng	# 92
26) Fluoranthene	19.25	202	61133	0.731	ng	100
28) Pvrene	19.61	202	64643	0.885	ng	# 96
30) Benzo(a)anthracene	21.34	228	34055	0.382	ng	94
31) Chrysene	21.40	228	41509	0.475	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	93053	0.667	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	22041	0.214	ng	97
35) Benzo(b)fluoranthene	23.09	252	45017	0.476	ng	# 89
36) Benzo(k)fluoranthene	23.09	252	45017	0.494	ng	# 90
37) Benzo(a)pvrene	23.75	252	30465	0.341	ng	# 92
38) Dibenzo(a,h)anthracene	26.52	278	6312	0.069	ng	# 59
39) Benzo(g,h,i)perylene	27.32	276	22820	0.249	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

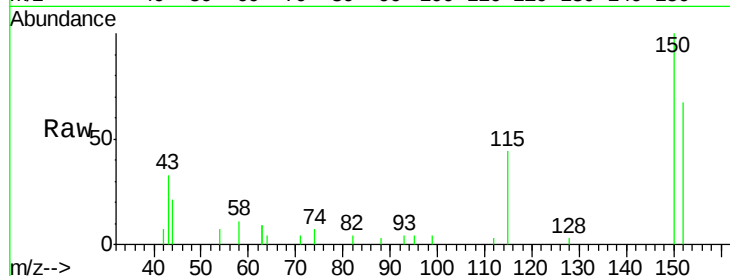
Tot Ion:152 Resp: 2385

Ion Ratio Lower Upper

152 100

150 149.4 104.8 157.2

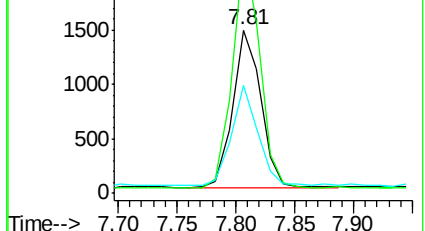
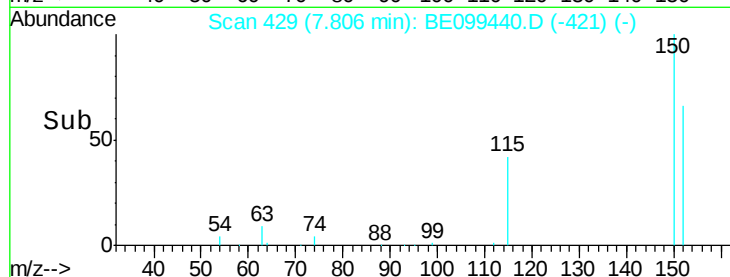
115 66.0 46.6 69.8



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



#2

1,4-Dioxane

Concen: 0.026 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.02 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

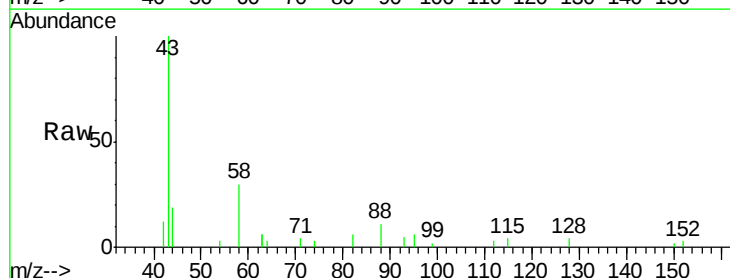
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

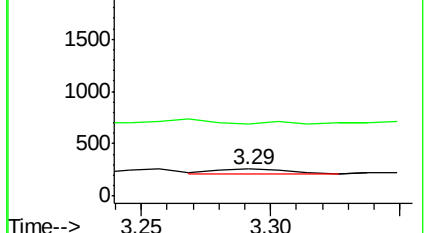
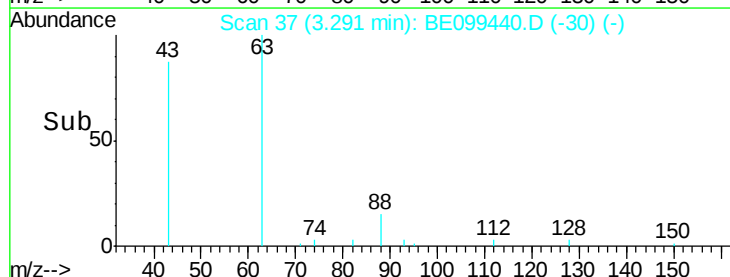
43 676.2 20.6 30.8#

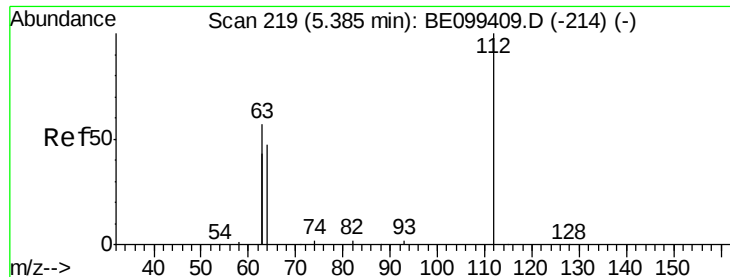


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.358 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

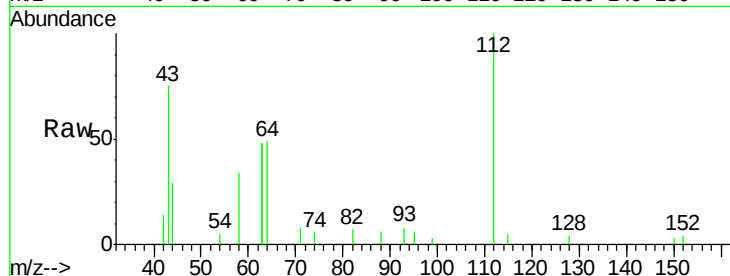
Tot Ion:112 Resp: 2362

Ion Ratio Lower Upper

112 100

64 55.8 47.4 71.0

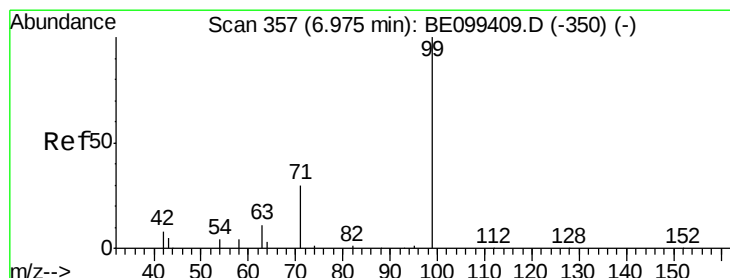
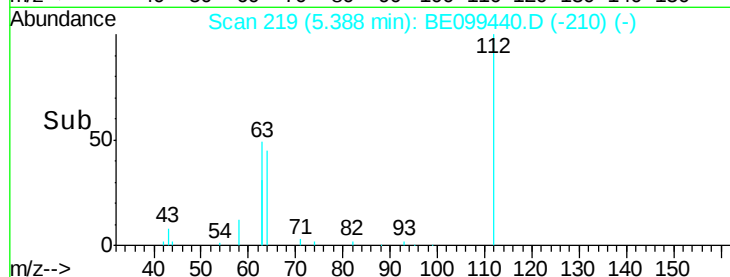
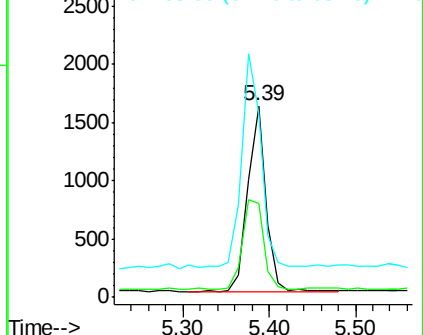
63 120.2 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.395 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

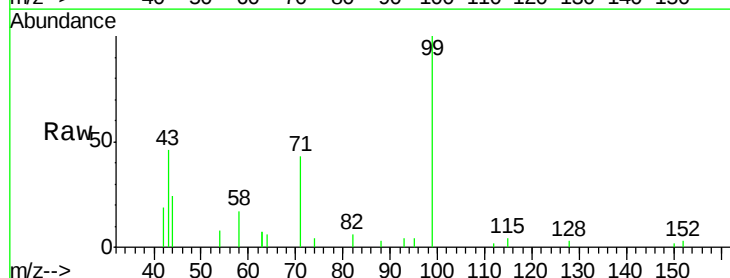
Tgt Ion: 99 Resp: 3462

Ion Ratio Lower Upper

99 100

42 16.9 14.9 22.3

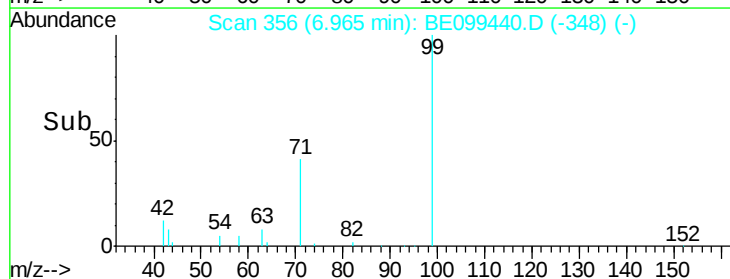
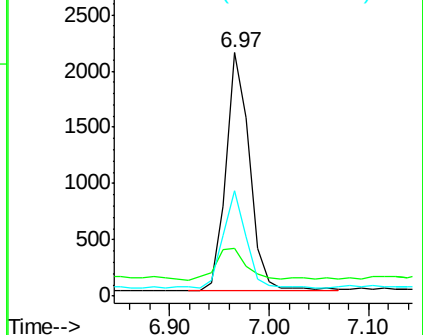
71 40.4 33.0 49.6

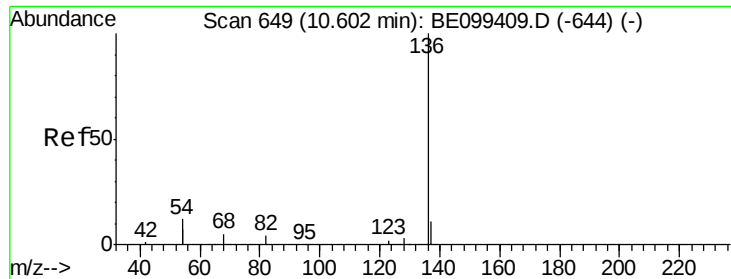


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

Tot Ion:136 Resp: 8813

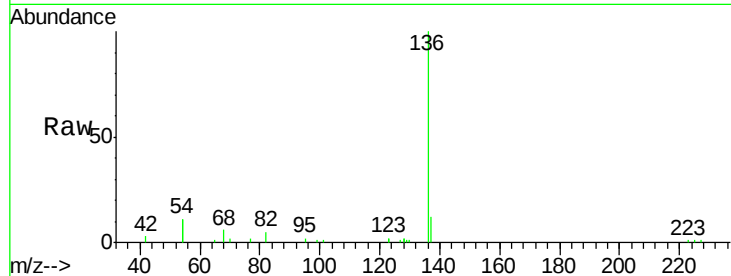
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 22.3 18.5 27.7

68 5.7 4.7 7.1

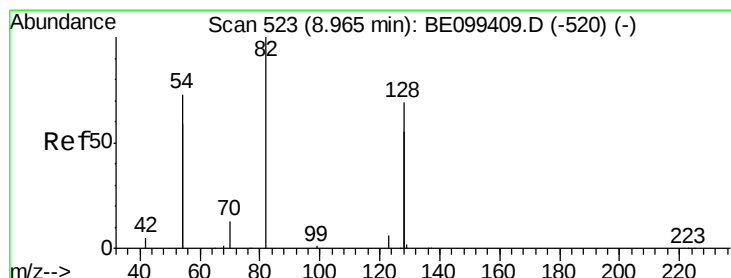
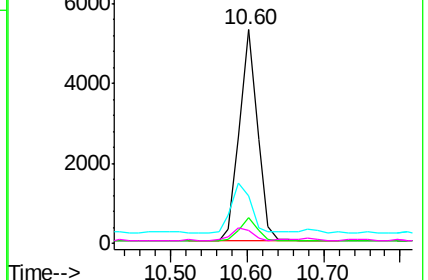
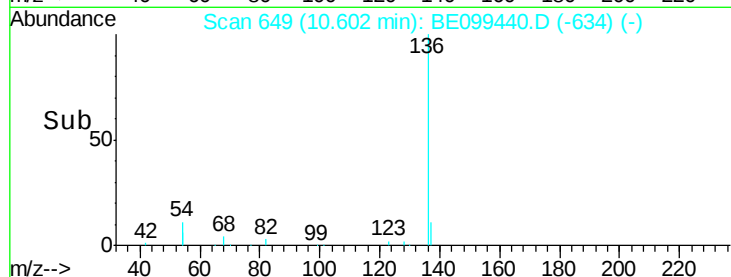


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

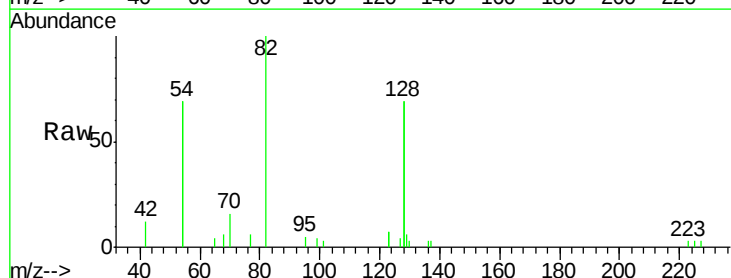
Tgt Ion: 82 Resp: 2737

Ion Ratio Lower Upper

82 100

128 137.1 107.0 160.4

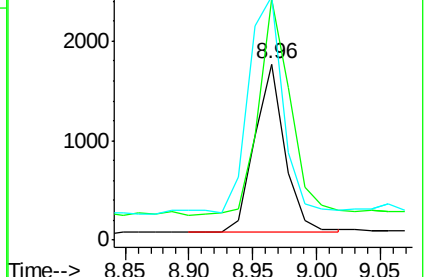
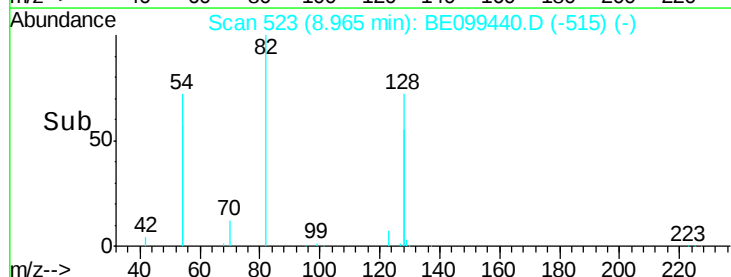
54 138.1 113.1 169.7

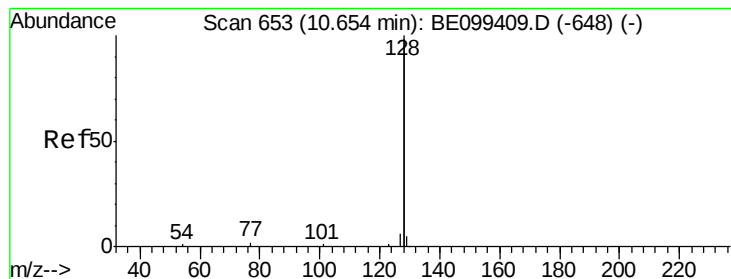


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.026 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

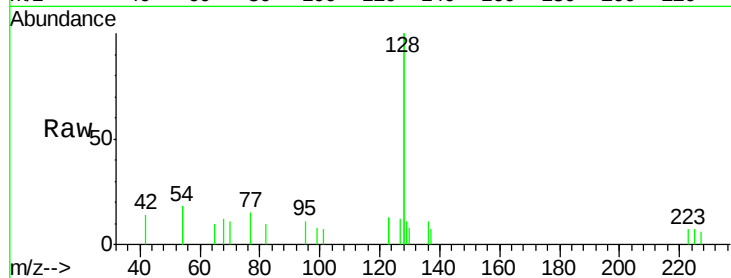
Tot Ion:128 Resp: 2479

Ion Ratio Lower Upper

128 100

129 5.6 2.4 3.6#

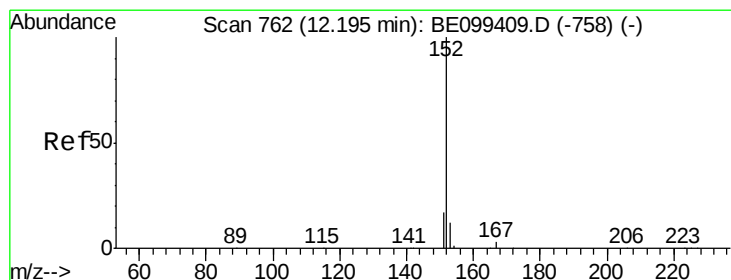
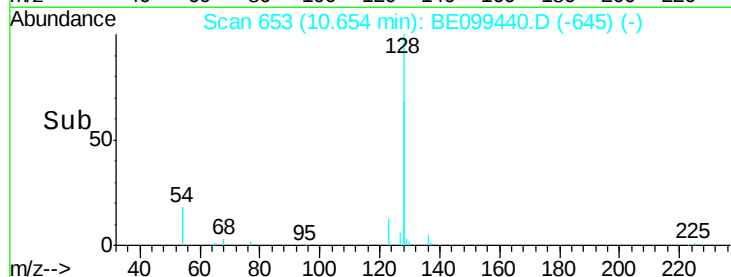
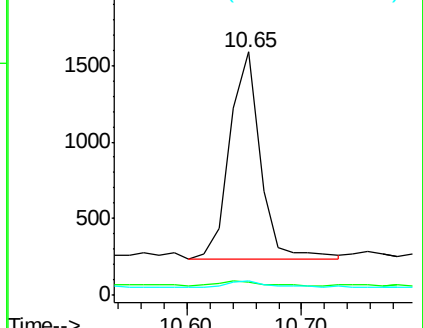
127 6.2 2.8 4.2#



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: 0.309 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099440.D

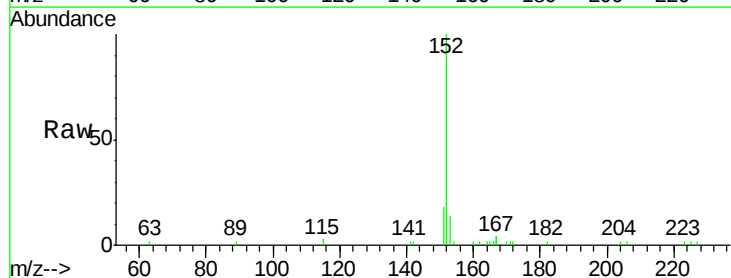
Acq: 1 May 2019 00:01

Tgt Ion:152 Resp: 4906

Ion Ratio Lower Upper

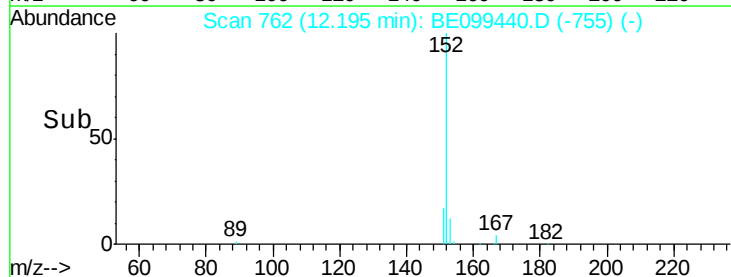
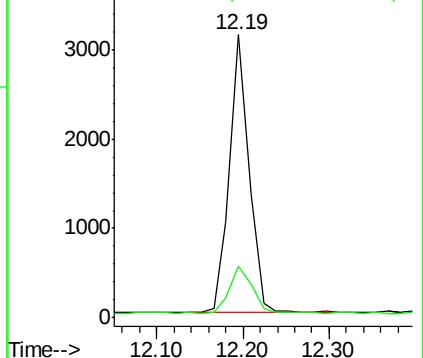
152 100

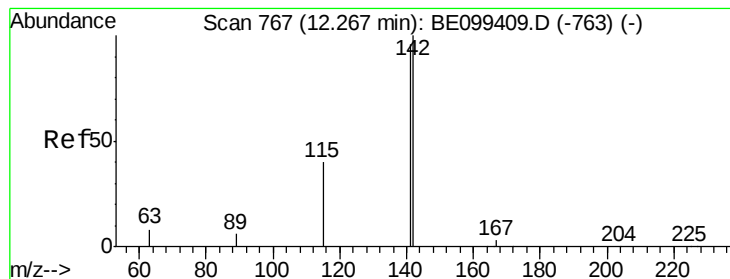
151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.026 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

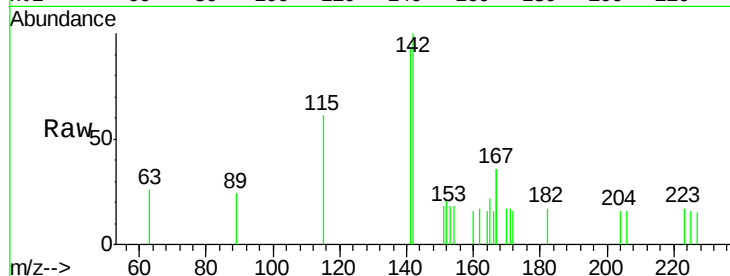
Tot Ion:142 Resp: 436

Ion Ratio Lower Upper

142 100

141 92.7 77.0 115.4

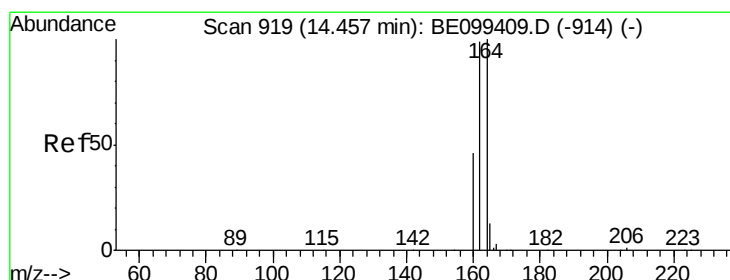
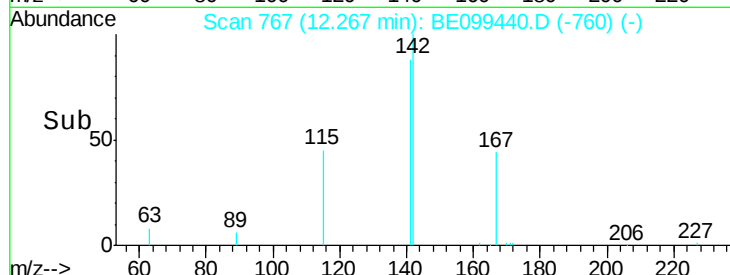
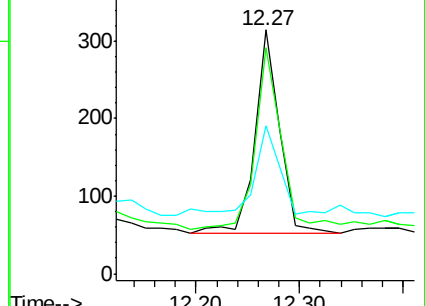
115 60.8 33.4 50.0#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

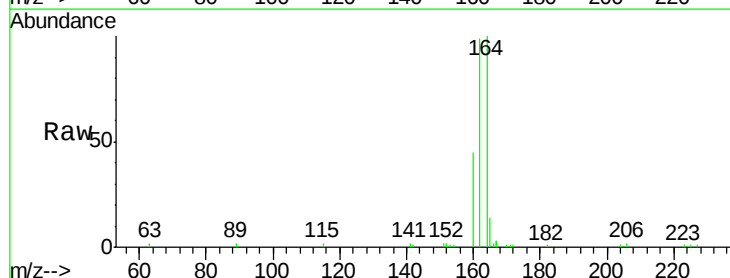
Tgt Ion:164 Resp: 6725

Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.4

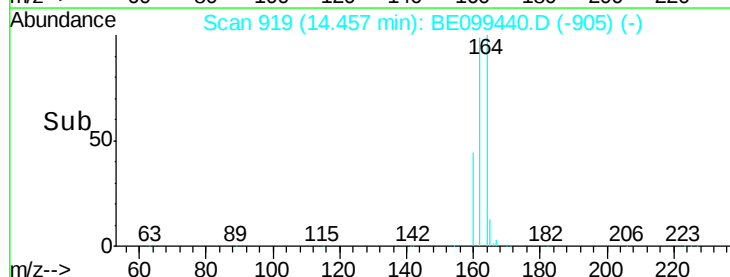
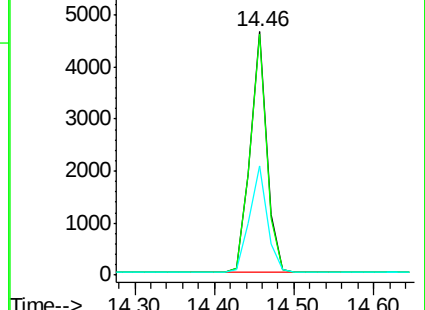
160 45.0 37.0 55.4

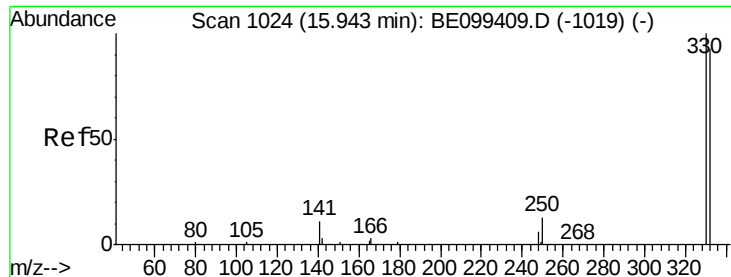


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.362 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

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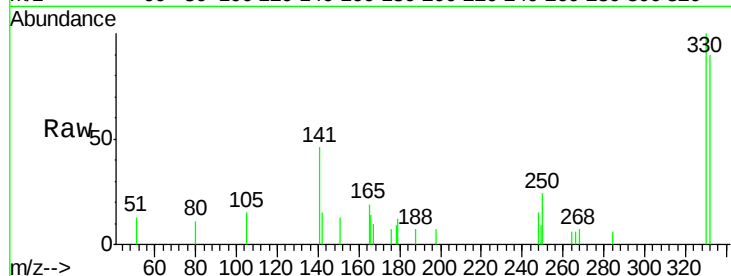
Tot Ion:330 Resp: 1534

Ion Ratio Lower Upper

330 100

332 97.8 71.5 107.3

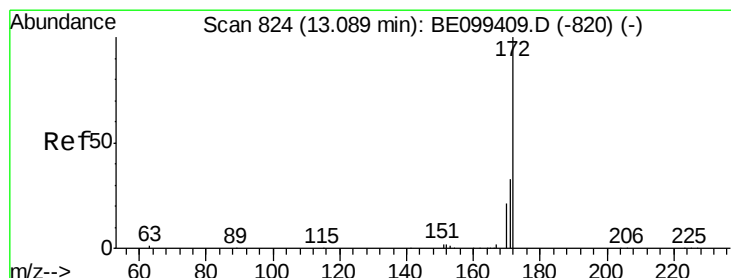
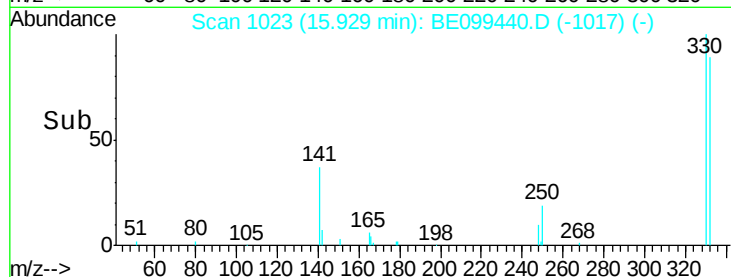
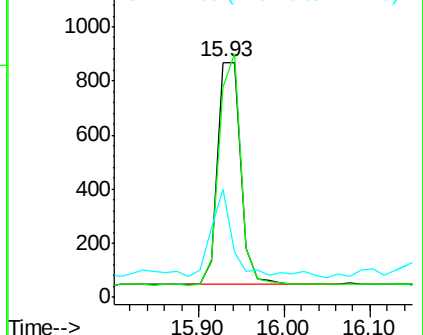
141 35.5 24.0 36.0



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: 0.287 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

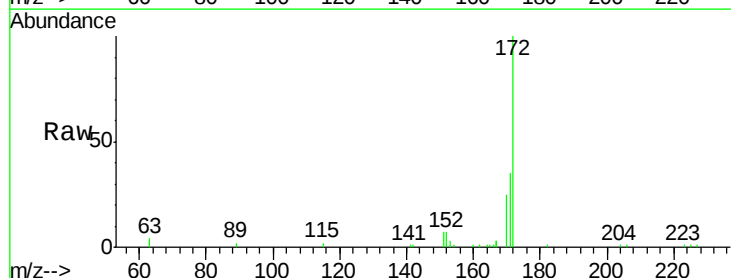
Tgt Ion:172 Resp: 7369

Ion Ratio Lower Upper

172 100

171 34.8 26.6 39.8

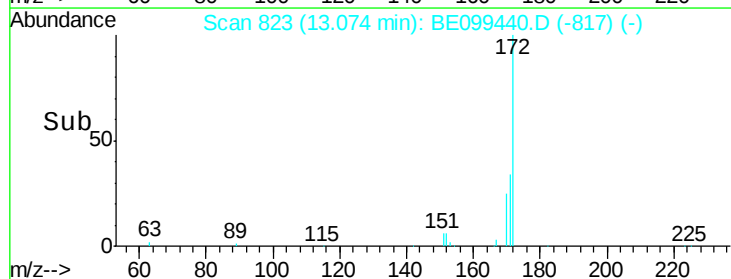
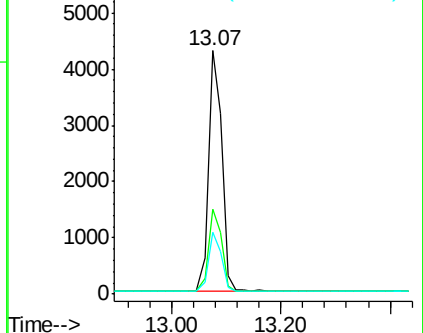
170 25.5 17.0 25.6

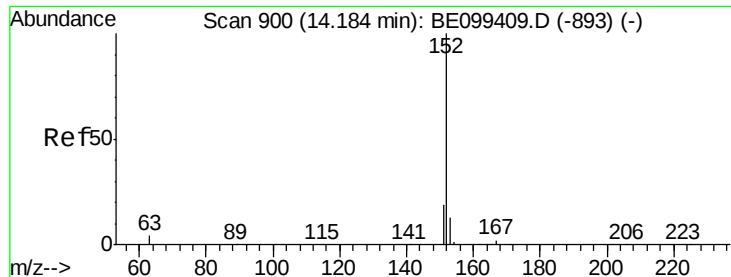


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.075 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

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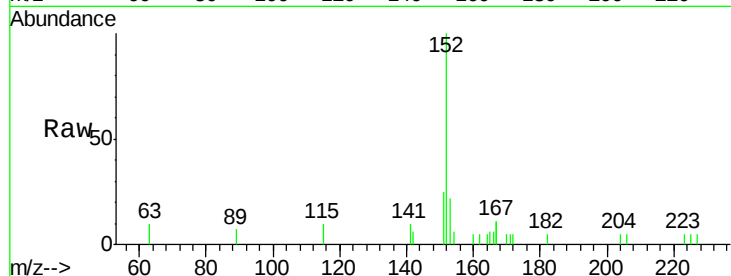
Tot Ion:152 Resp: 2472

Ion Ratio Lower Upper

152 100

151 21.8 15.4 23.2

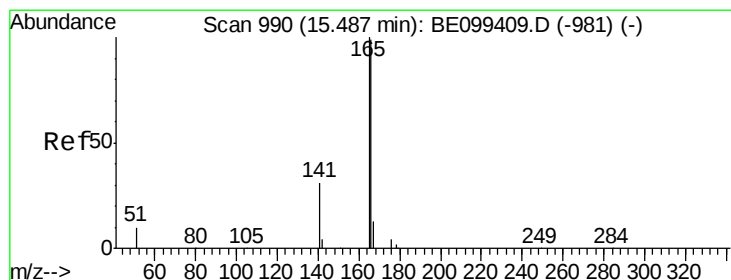
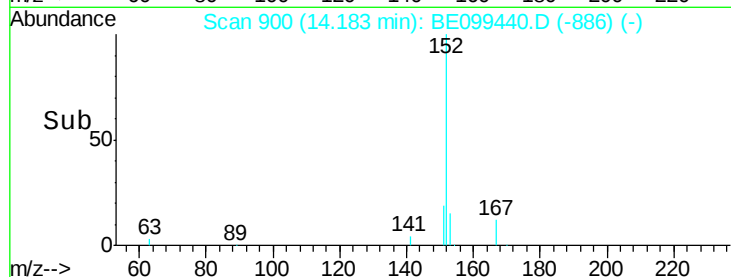
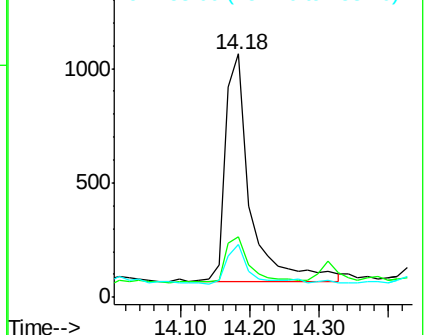
153 13.4 9.8 14.6



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



#18

Fluorene

Concen: 0.033 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

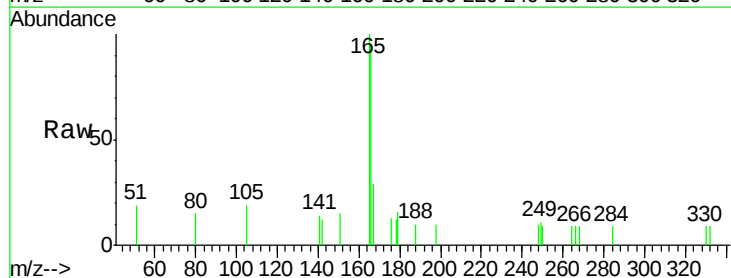
Tgt Ion:166 Resp: 917

Ion Ratio Lower Upper

166 100

165 88.9 80.3 120.5

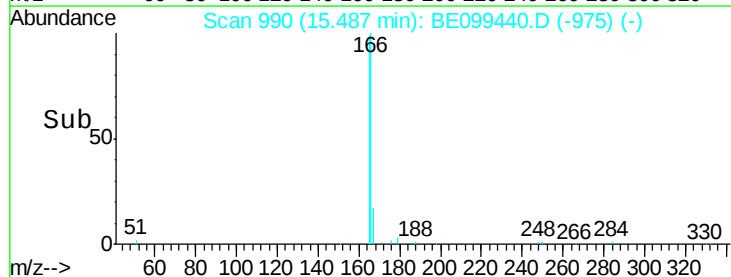
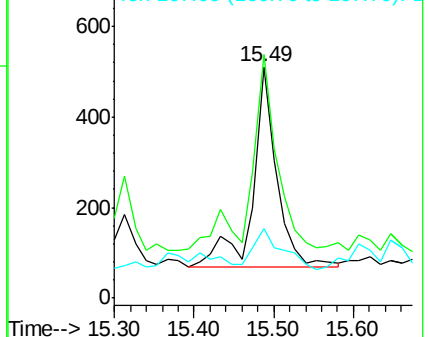
167 24.3 10.7 16.1#

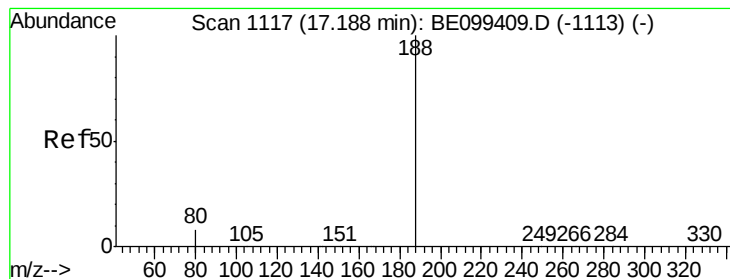


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

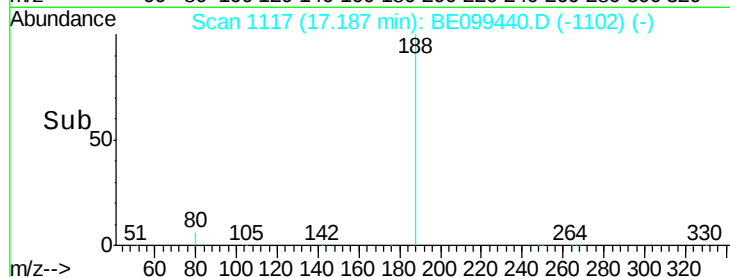
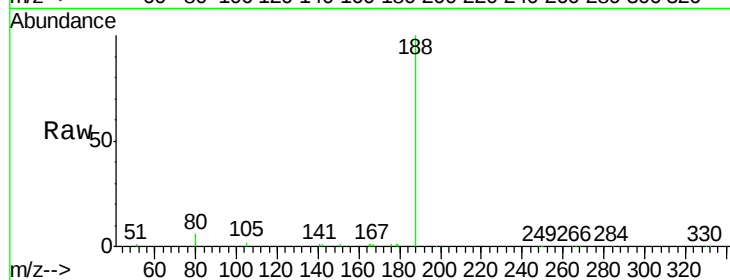
Tot Ion:188 Resp: 21628

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

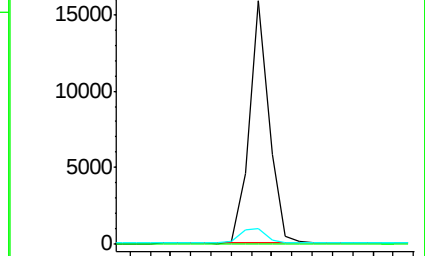
80 6.4 6.7 10.1#



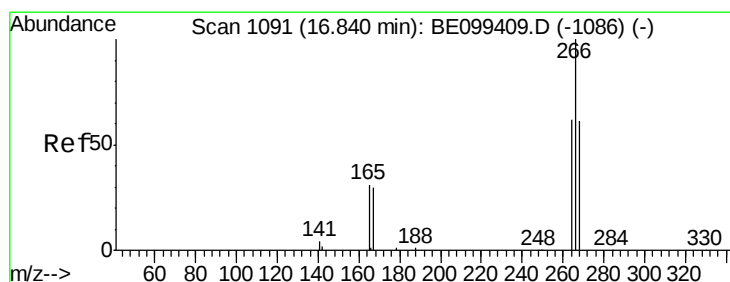
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#22

Pentachlorophenol

Concen: 0.219 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

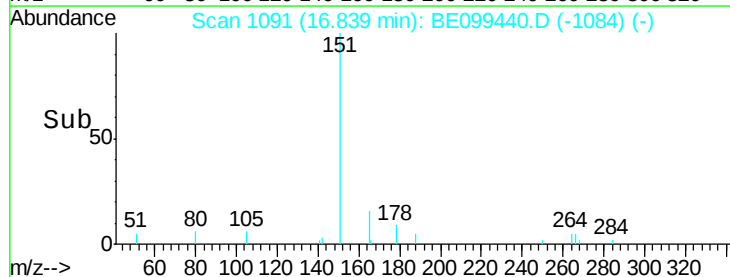
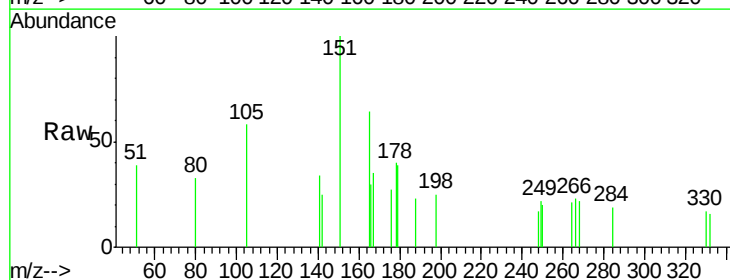
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 91.3 50.8 76.2#

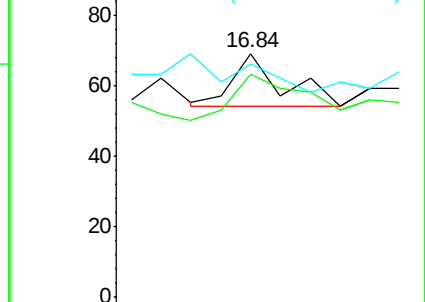
268 95.7 50.5 75.7#



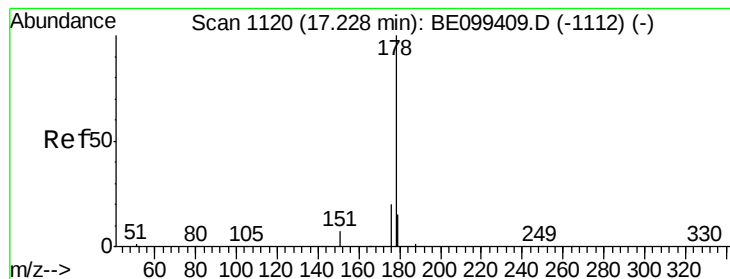
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#23

Phenanthrene

Concen: 0.456 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

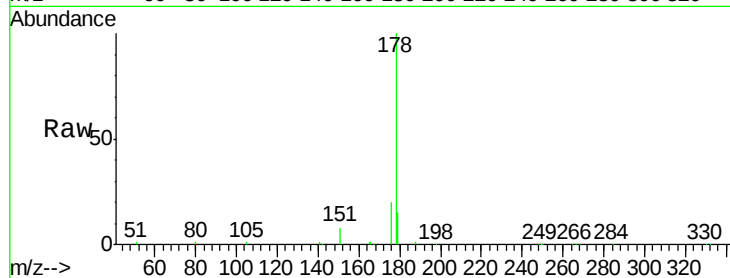
Tot Ion:178 Resp: 25452

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

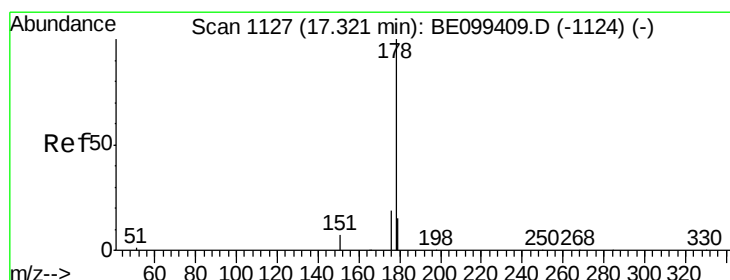
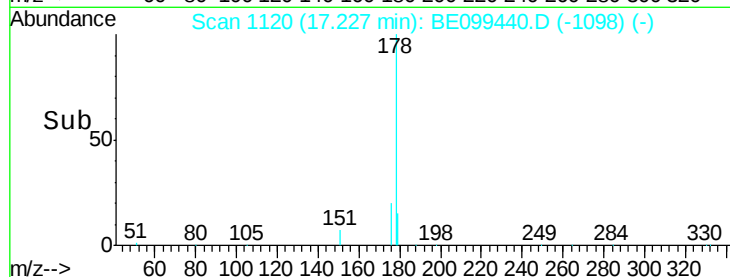
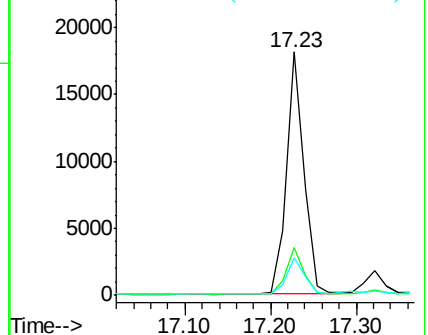
179 15.3 12.0 18.0



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: 0.044 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

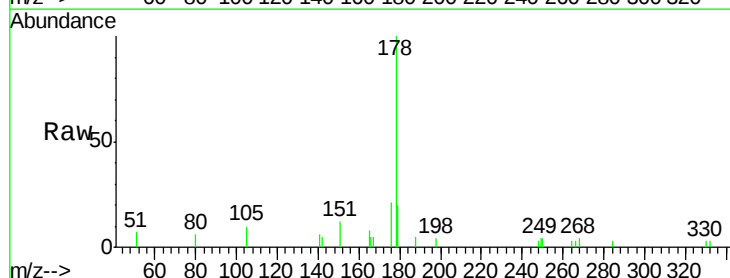
Tgt Ion:178 Resp: 2333

Ion Ratio Lower Upper

178 100

176 20.5 14.9 22.3

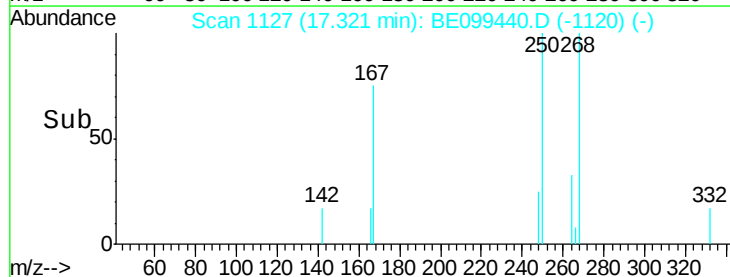
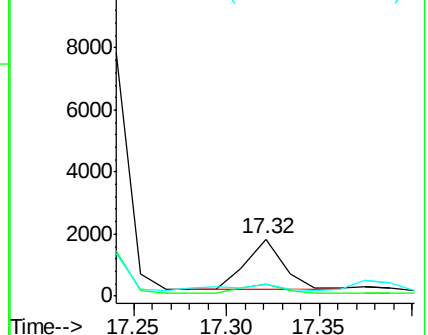
179 20.2 11.9 17.9#

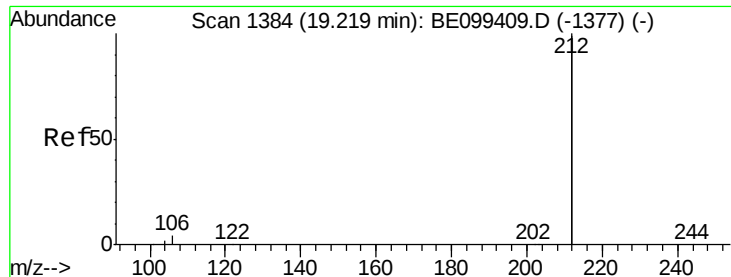


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.287 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

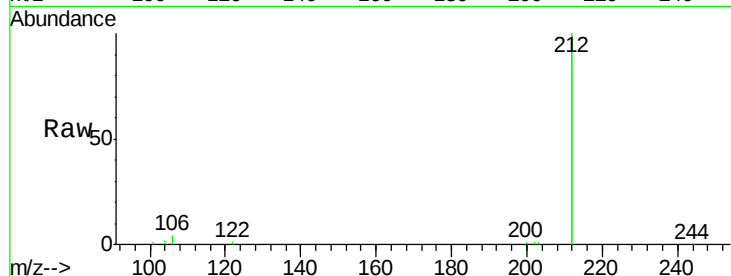
Tot Ion:212 Resp: 83542

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

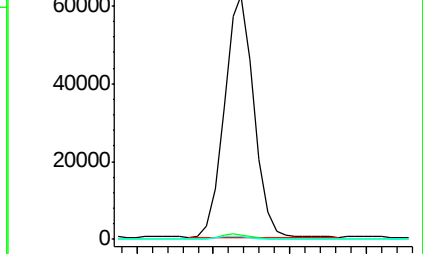
104 1.1 0.9 1.3



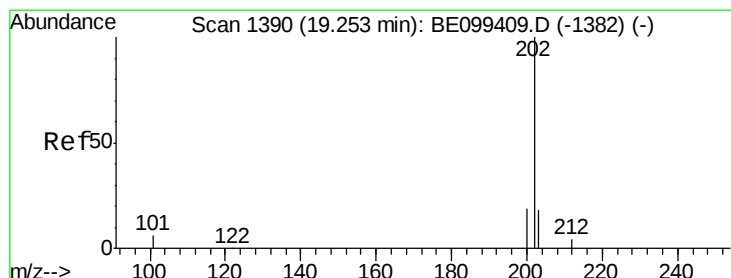
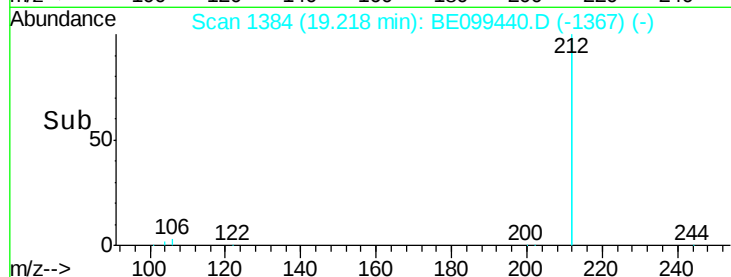
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.731 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

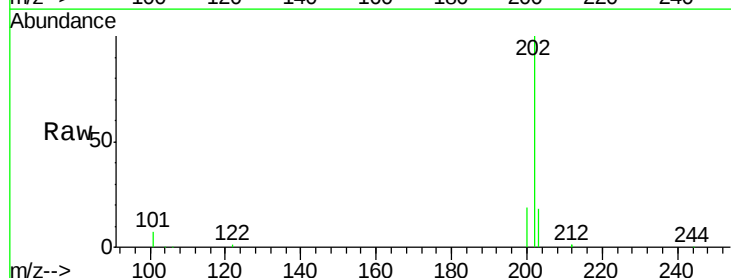
Tgt Ion:202 Resp: 61133

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

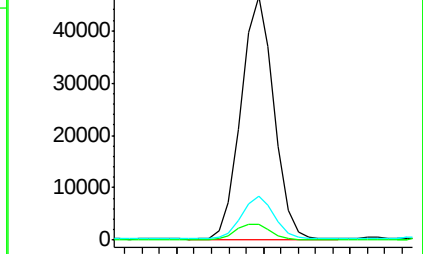
203 17.3 13.9 20.9



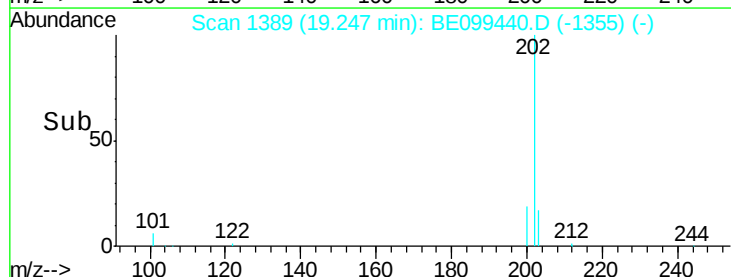
Abundance Ion 202.00 (201.70 to 202.70): E

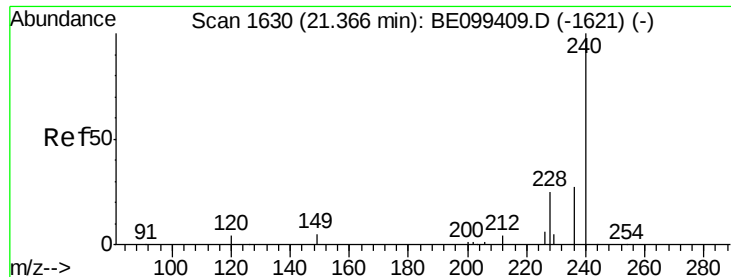
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

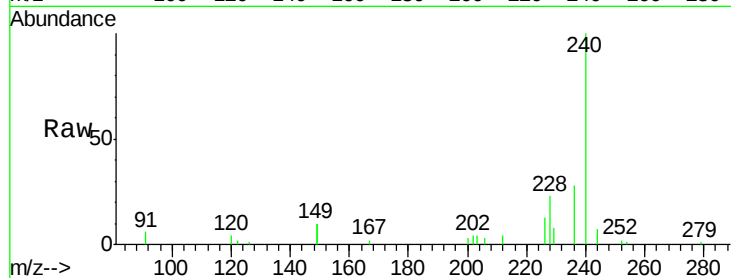
Tot Ion:240 Resp: 28012

Ion Ratio Lower Upper

240 100

120 4.1 4.0 6.0

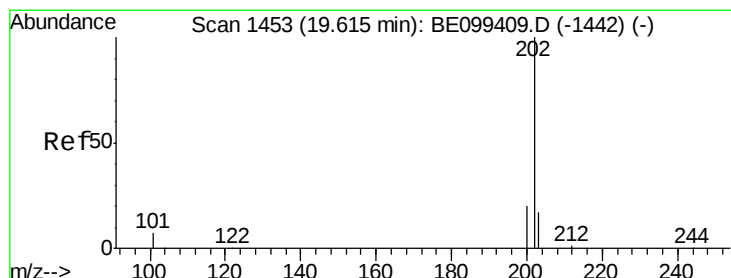
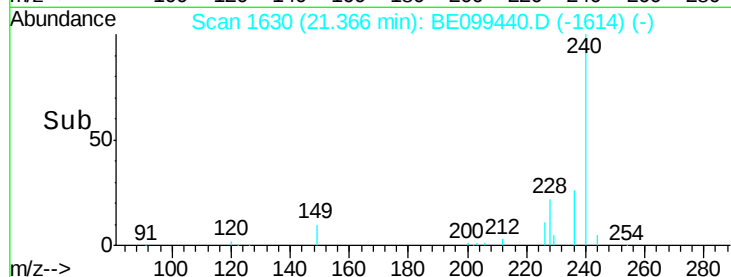
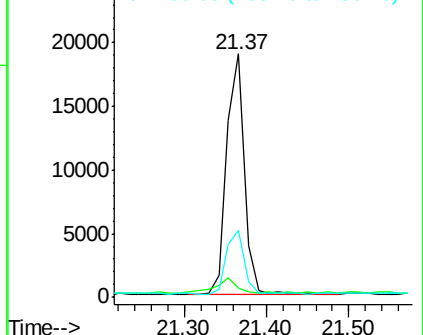
236 27.6 22.0 33.0



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: 0.885 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

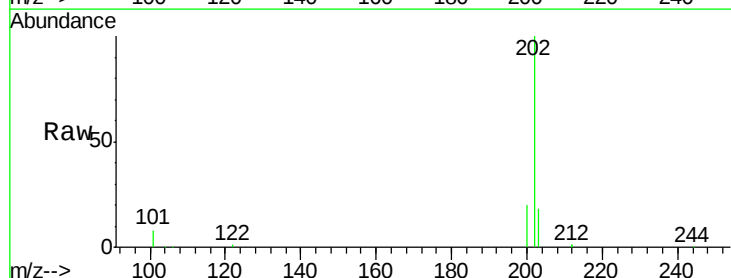
Tgt Ion:202 Resp: 64643

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

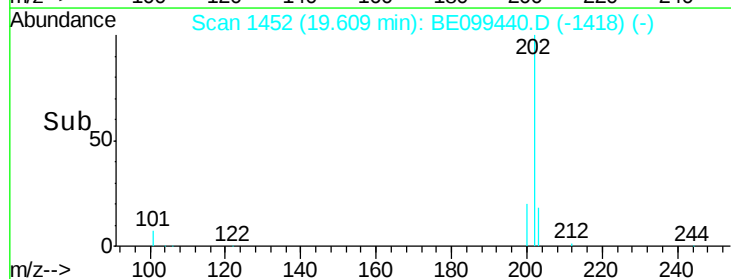
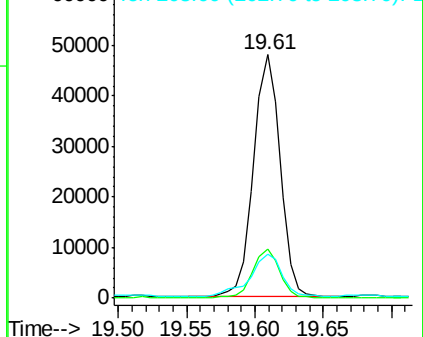
203 21.0 13.9 20.9#

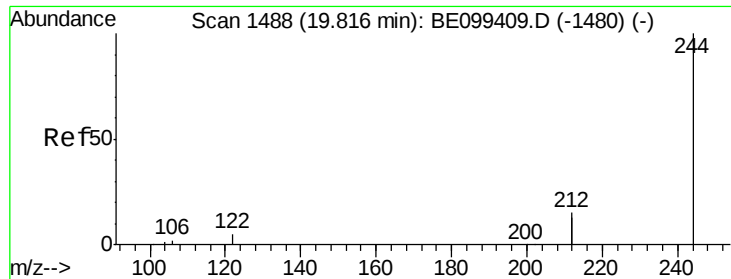


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

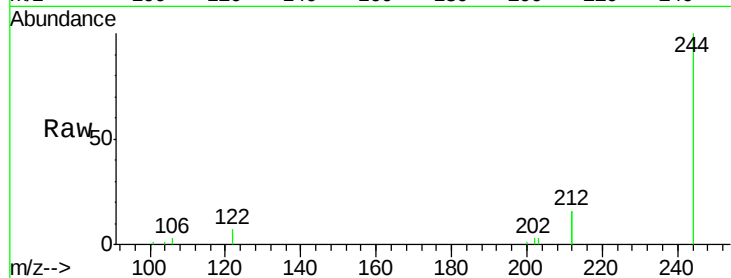
Tot Ion:244 Resp: 18063

Ion Ratio Lower Upper

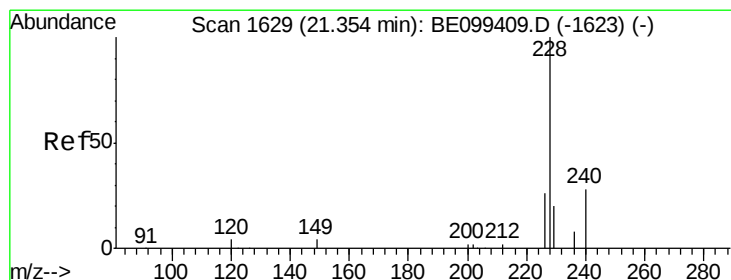
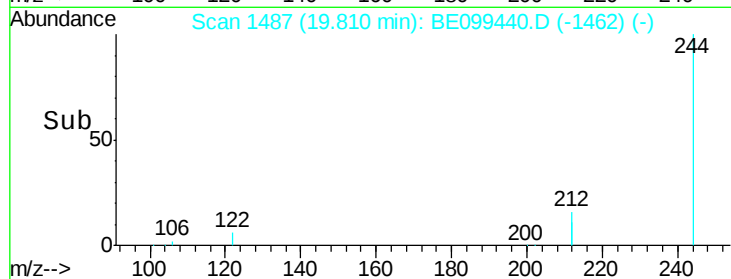
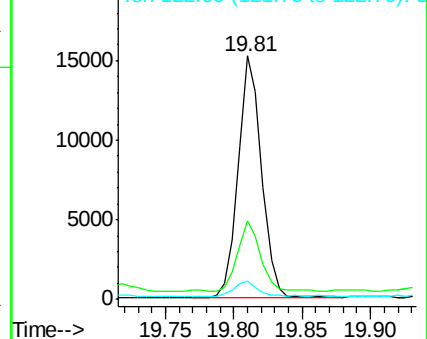
244 100

212 32.3 23.2 34.8

122 7.3 4.2 6.4#



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: 0.382 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

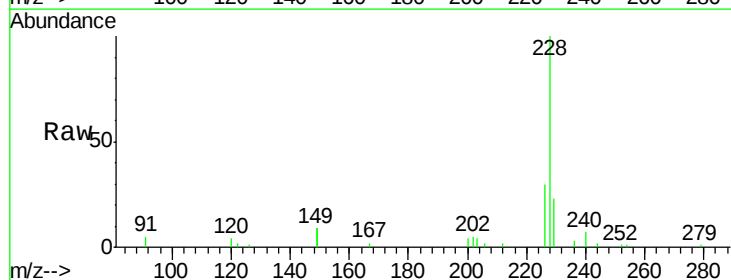
Tgt Ion:228 Resp: 34055

Ion Ratio Lower Upper

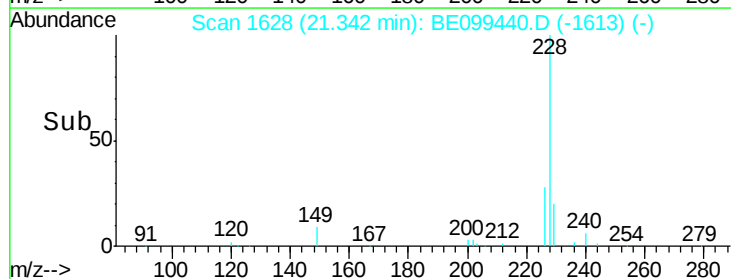
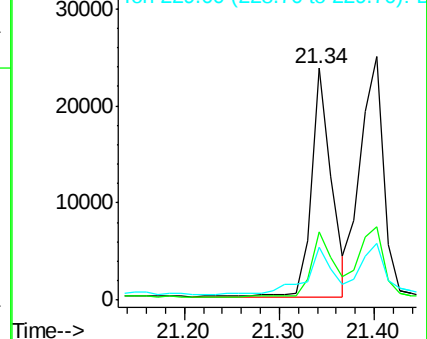
228 100

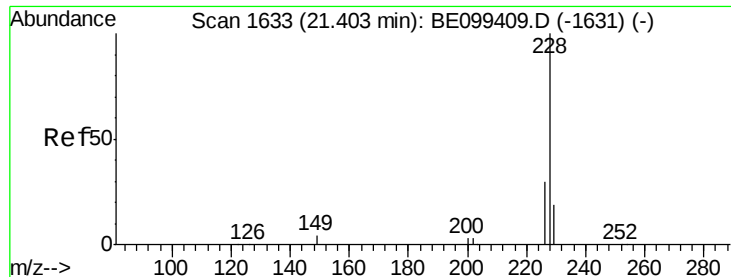
226 29.7 21.0 31.6

229 22.7 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: 0.475 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

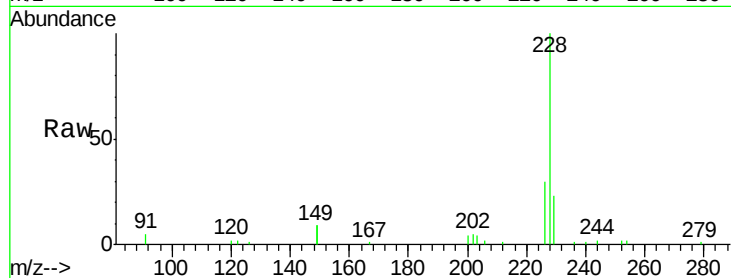
Tot Ion:228 Resp: 41509

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

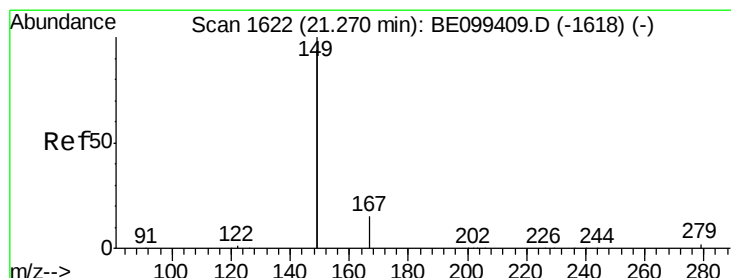
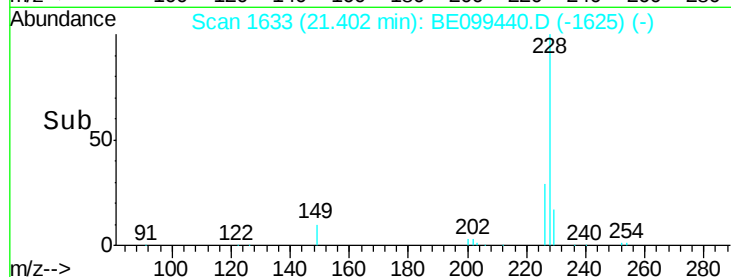
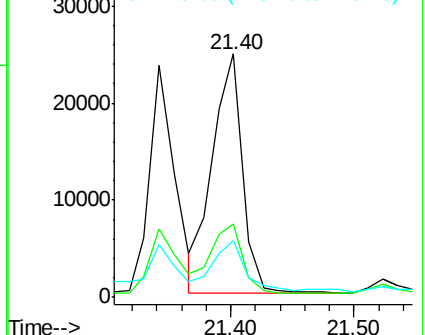
229 23.4 15.8 23.8



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: 0.667 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

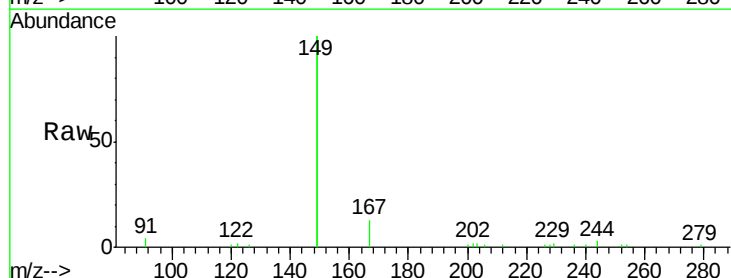
Tgt Ion:149 Resp: 93053

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.6

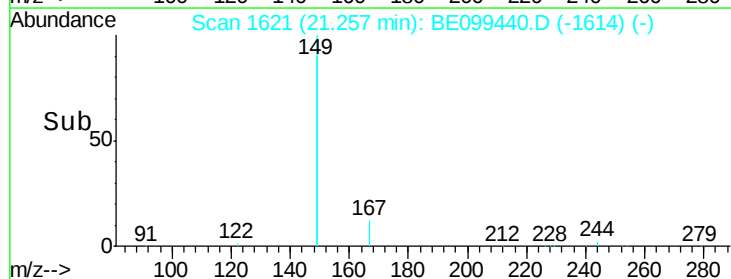
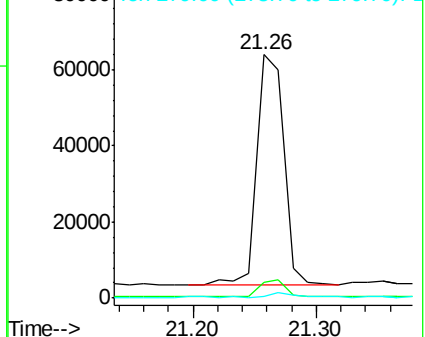
279 1.5 1.0 1.6

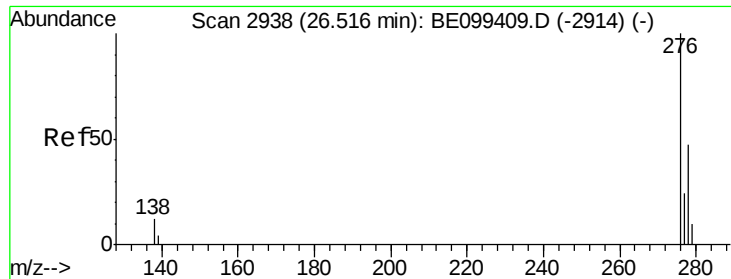


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

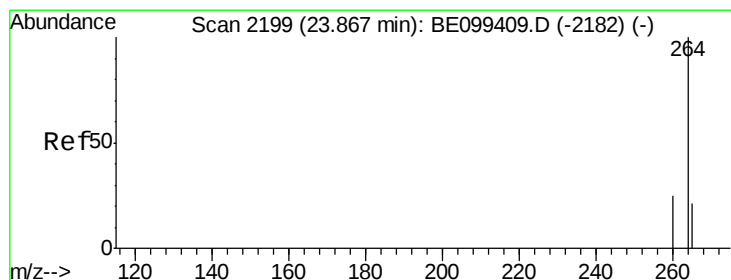
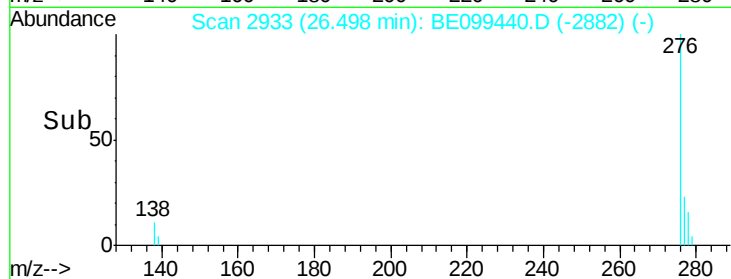
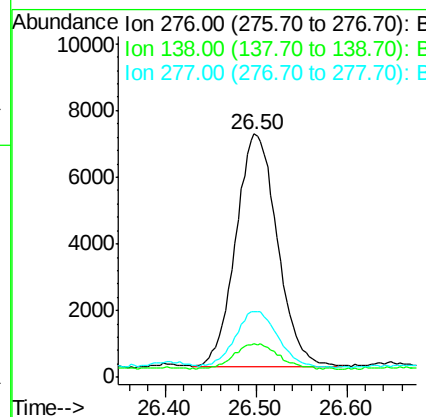
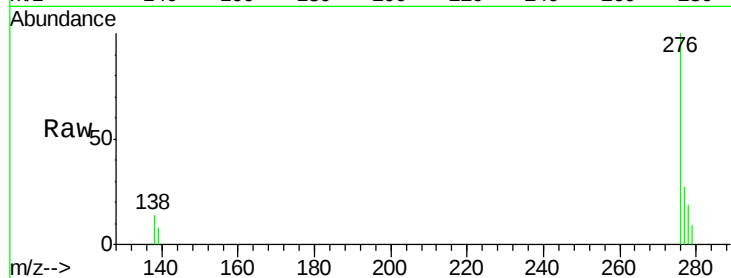




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.214 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.02 min
Lab File: BE099440.D
Acq: 1 May 2019 00:01

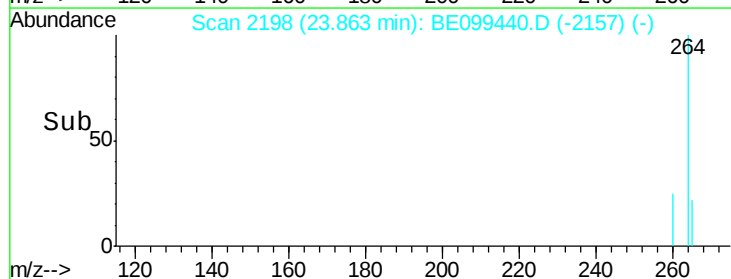
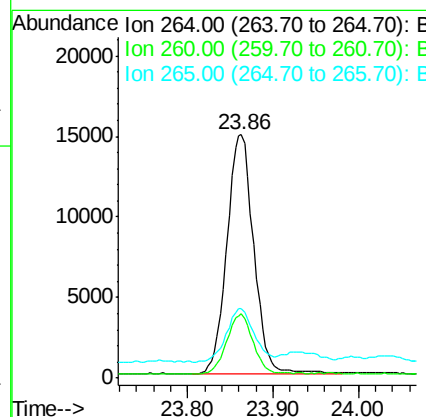
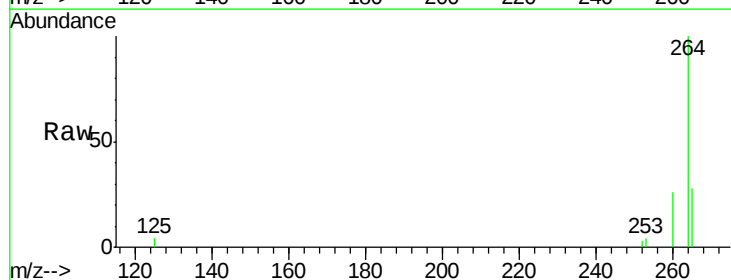
Instrument :
BNA_E
ClientSampleId :
EXT-026-SW042-042219

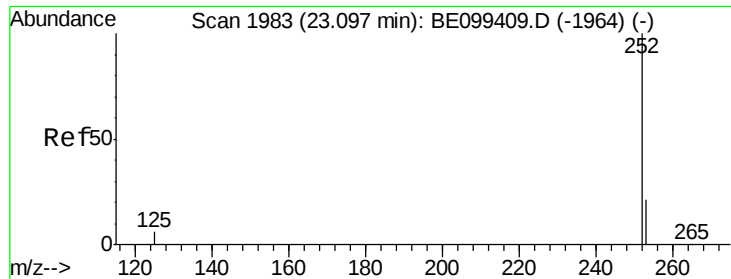
Tot Ion:276 Resp: 22041
Ion Ratio Lower Upper
276 100
138 11.4 10.2 15.2
277 25.4 19.2 28.8



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099440.D
Acq: 1 May 2019 00:01

Tgt Ion:264 Resp: 32793
Ion Ratio Lower Upper
264 100
260 26.4 20.2 30.2
265 28.4 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.476 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219

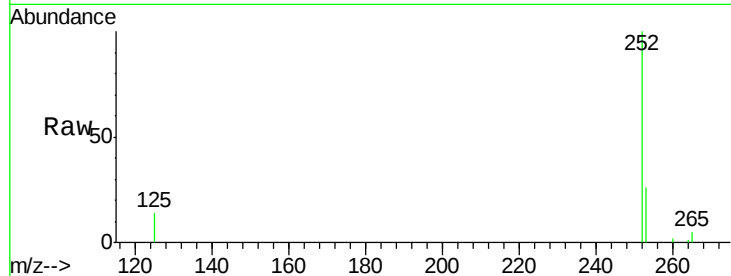
Tot Ion:252 Resp: 45017

Ion Ratio Lower Upper

252 100

253 26.2 18.1 27.1

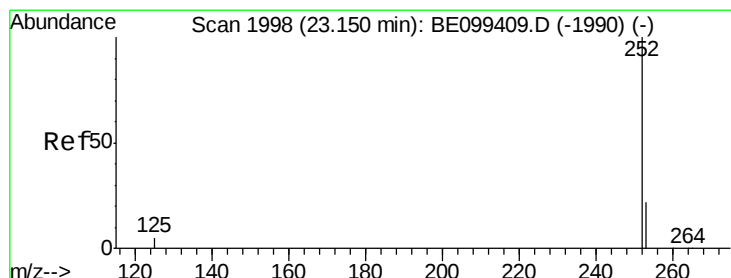
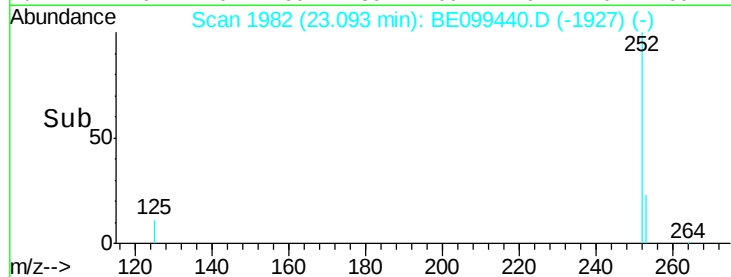
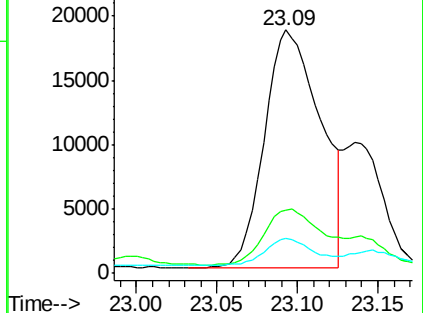
125 14.3 5.6 8.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.494 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.06 min

Lab File: BE099440.D

Acq: 1 May 2019 00:01

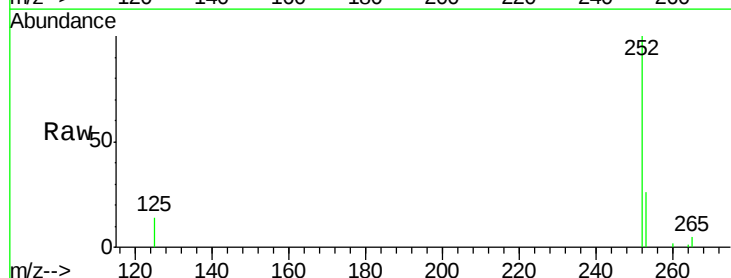
Tgt Ion:252 Resp: 45017

Ion Ratio Lower Upper

252 100

253 26.2 18.4 27.6

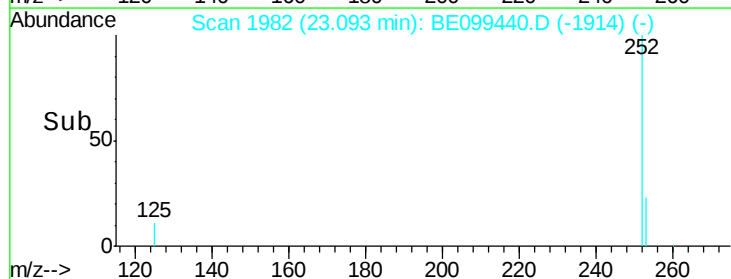
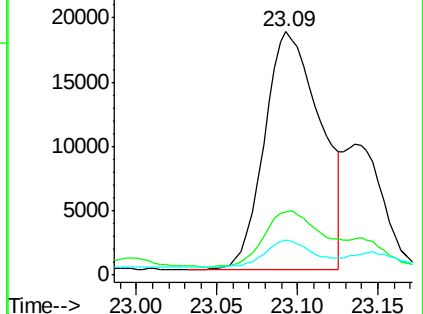
125 14.3 5.0 7.4#

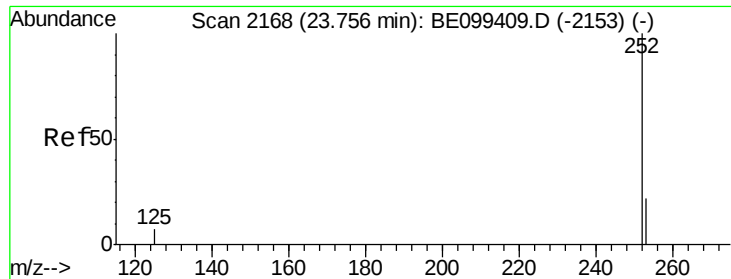


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

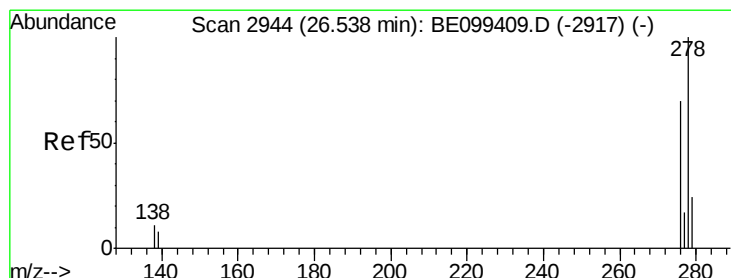
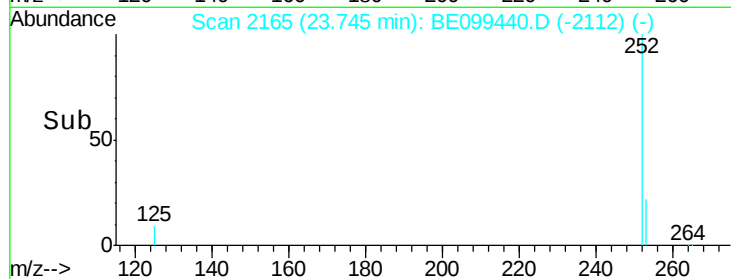
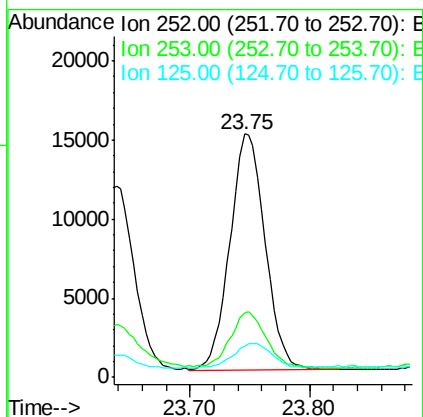
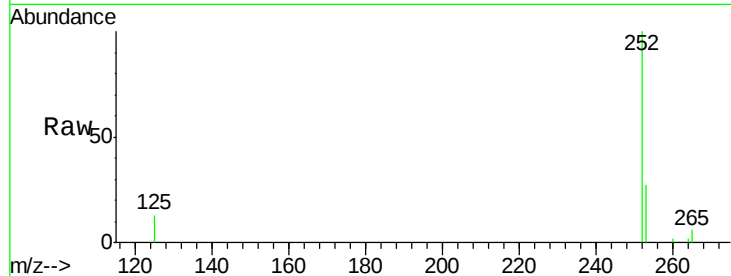




#37
Benzo(a)pyrene
Concen: 0.341 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE099440.D
Acq: 1 May 2019 00:01

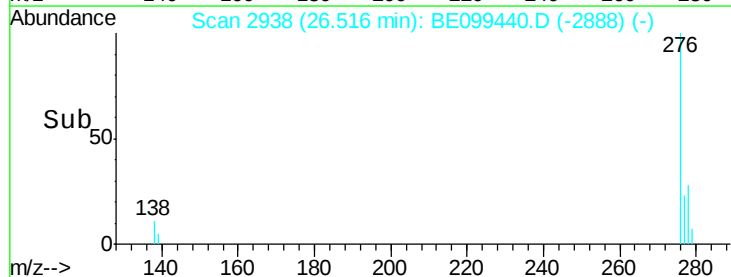
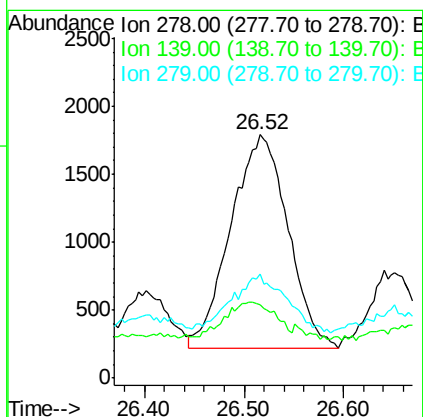
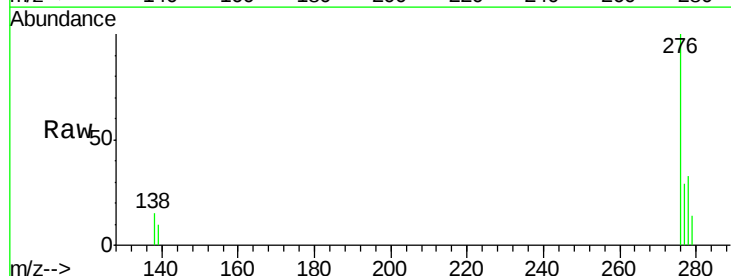
Instrument :
BNA_E
ClientSampleId :
EXT-026-SW042-042219

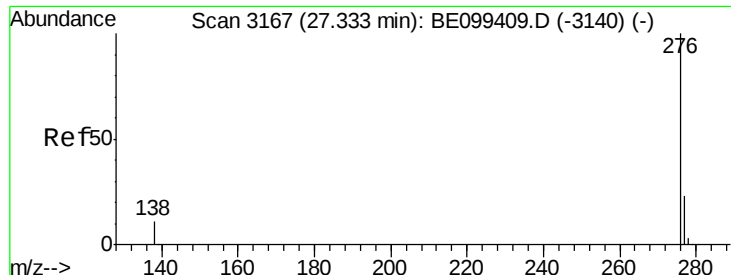
Tot Ion:252 Resp: 30465
Ion Ratio Lower Upper
252 100
253 26.5 18.9 28.3
125 13.0 6.7 10.1#



#38
Dibenzo(a,h)anthracene
Concen: 0.069 ng
RT: 26.52 min Scan# 2938
Delta R.T. -0.02 min
Lab File: BE099440.D
Acq: 1 May 2019 00:01

Tgt Ion:278 Resp: 6312
Ion Ratio Lower Upper
278 100
139 30.2 7.7 11.5#
279 42.8 20.2 30.2#





#39

Benzo(a,h,i)perylene

Concen: 0.249 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099440.D

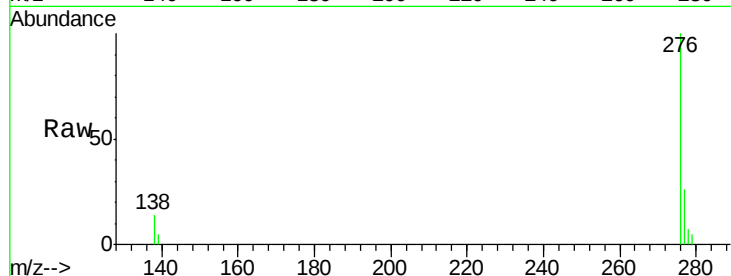
Acq: 1 May 2019 00:01

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW042-042219



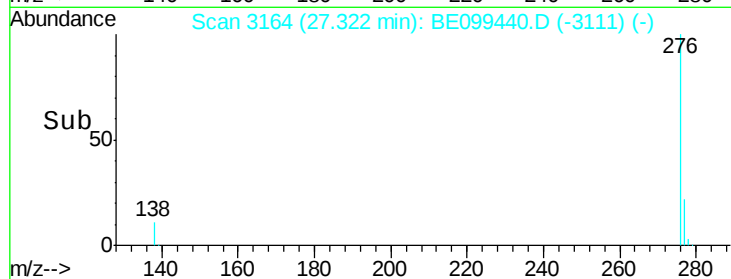
Tot Ion: 276 Resp: 22820

Ion Ratio Lower Upper

276 100

277 26.1 19.5 29.3

138 14.2 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

