

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099360.D
 Acq On : 25 Apr 2019 14:24
 Operator : JU/SJ
 Sample : K2534-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 00:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4123	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	15358	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11833	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	34503	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39260	0.40	ng	0.00
34) Perylene-d12	23.87	264	43933	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	4088	0.41	ng	0.00
5) Phenol-d6	6.98	99	6065	0.42	ng	0.00
8) Nitrobenzene-d5	8.97	82	5358	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	9543	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2396	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13588	0.29	ng	0.00
25) Fluoranthene-d10	19.22	212	120317	0.29	ng	0.00
29) Terphenyl-d14	19.82	244	18758	0.24	ng	0.00

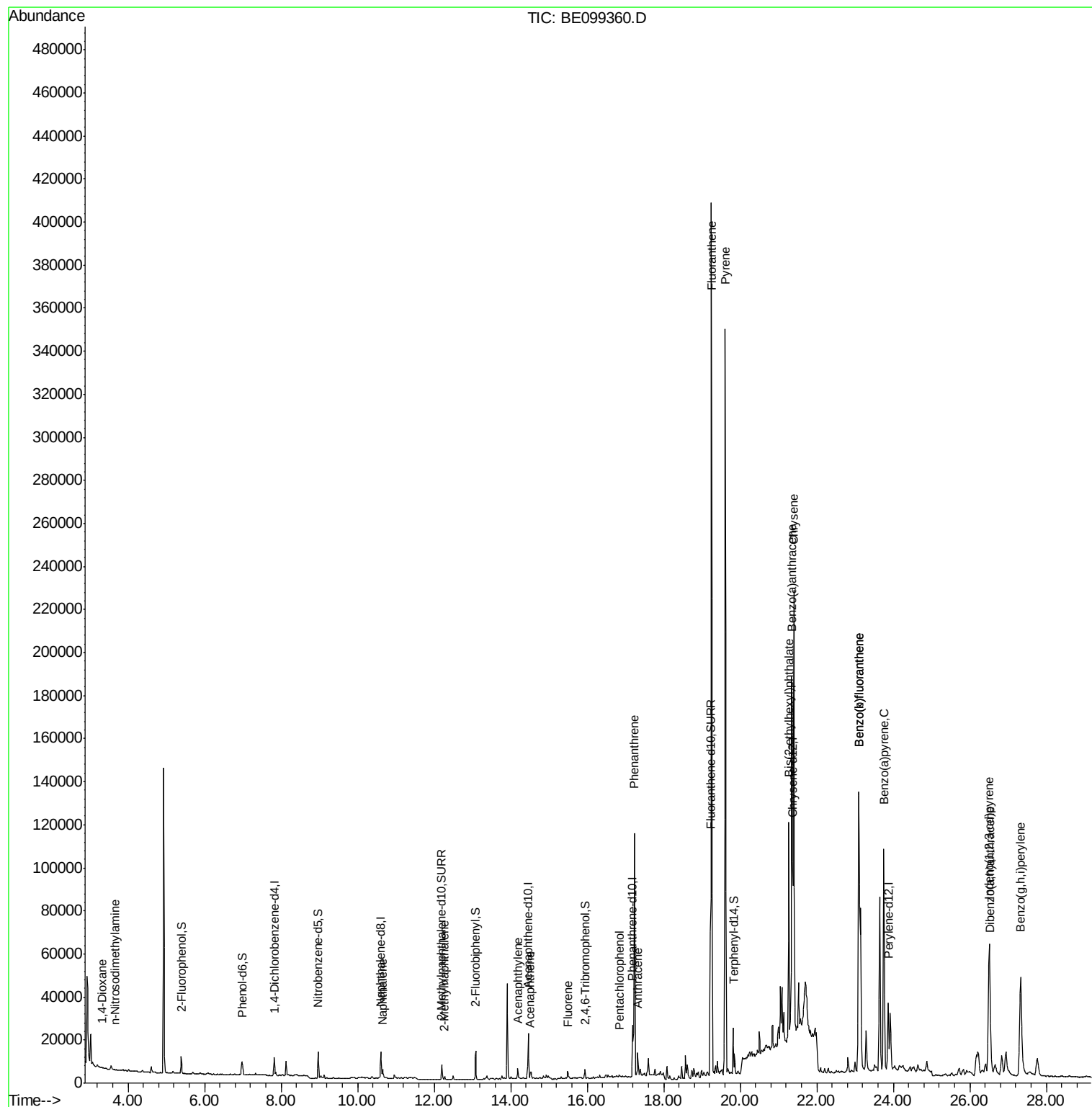
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	122	0.021	ng	# 29
3) n-Nitrosodimethylamine	3.66	42	136	0.044	ng	# 1
9) Naphthalene	10.65	128	6230	0.037	ng	# 97
12) 2-Methylnaphthalene	12.27	142	1151	0.040	ng	# 92
16) Acenaphthylene	14.18	152	7019	0.131	ng	98
17) Acenaphthene	14.51	154	1844	0.056	ng	97
18) Fluorene	15.49	166	3805	0.080	ng	92
22) Pentachlorophenol	16.84	266	123	0.237	ng	# 82
23) Phenanthrene	17.23	178	126943	1.389	ng	99
24) Anthracene	17.32	178	10835	0.133	ng	96
26) Fluoranthene	19.25	202	372241	3.044	ng	98
28) Pyrene	19.61	202	336238	2.907	ng	# 95
30) Benzo(a)anthracene	21.34	228	162696	1.410	ng	97
31) Chrysene	21.40	228	203211	1.654	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	112304	1.069	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	128064	1.056	ng	# 94
35) Benzo(b)fluoranthene	23.10	252	247999	1.844	ng	96
36) Benzo(k)fluoranthene	23.10	252	247999	1.849	ng	98
37) Benzo(a)pyrene	23.75	252	164109	1.362	ng	97
38) Dibenzo(a,h)anthracene	26.53	278	28529	0.232	ng	# 84
39) Benzo(g,h,i)perylene	27.33	276	132450	1.061	ng	98

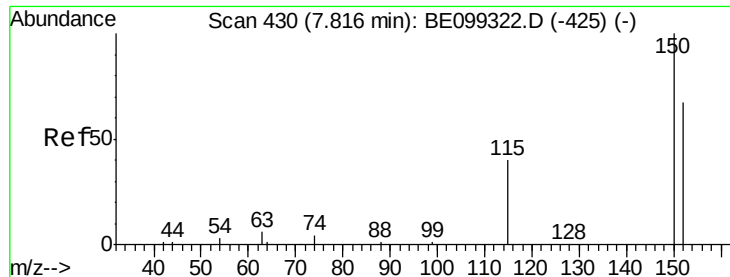
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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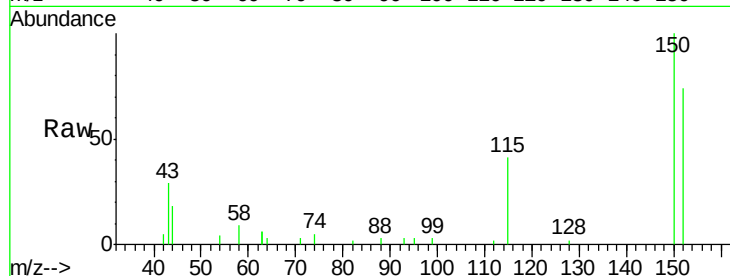


#1

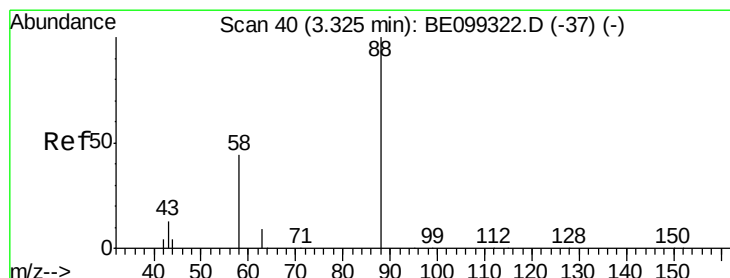
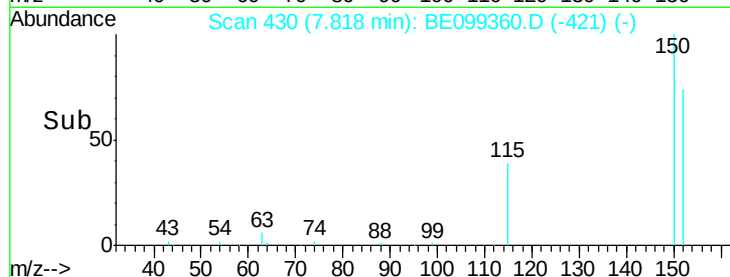
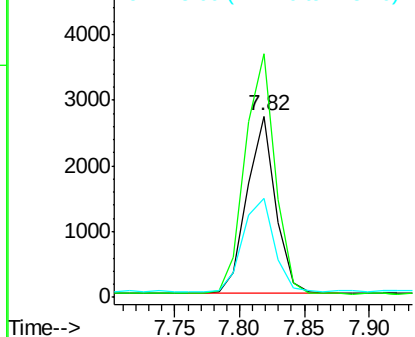
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099360.D
Acq: 25 Apr 2019 14:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4123
Ion Ratio Lower Upper
152 100
150 134.4 119.5 179.3
115 55.0 47.5 71.3



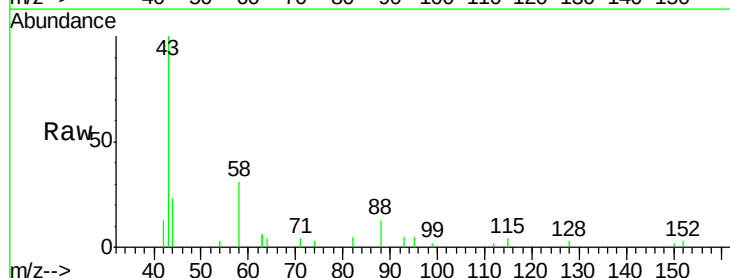
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



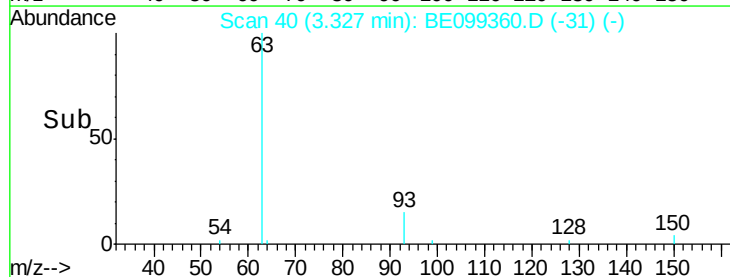
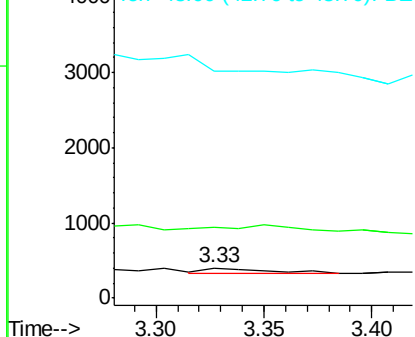
#2

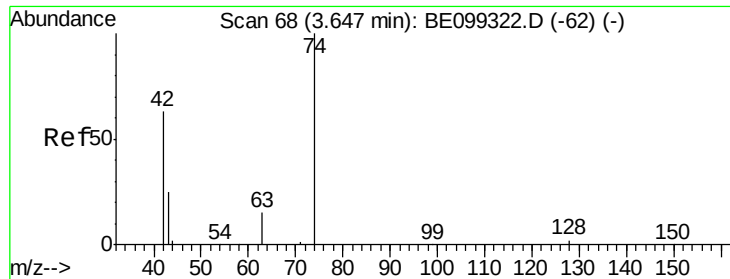
1,4-Dioxane
Concen: 0.021 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.00 min
Lab File: BE099360.D
Acq: 25 Apr 2019 14:24

Tgt Ion: 88 Resp: 122
Ion Ratio Lower Upper
88 100
58 0.0 49.1 73.7#
43 0.0 17.9 26.9#



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





#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

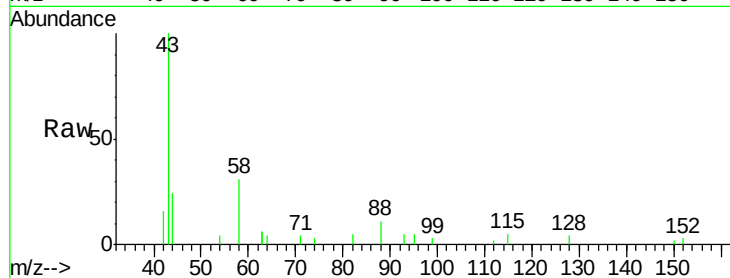
Tot Ion: 42 Resp: 136

Ion Ratio Lower Upper

42 100

74 12.5 145.8 218.8#

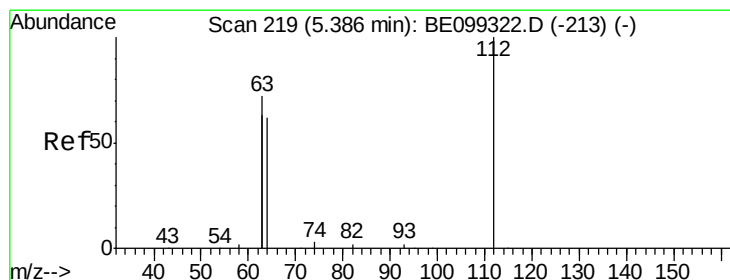
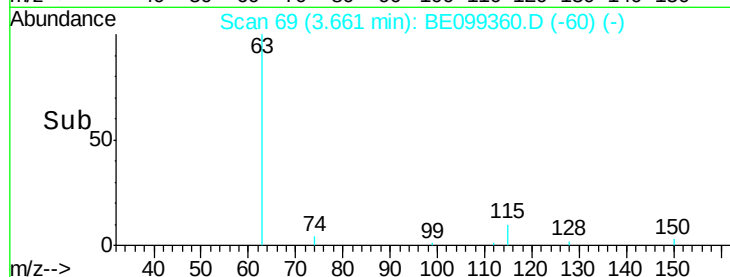
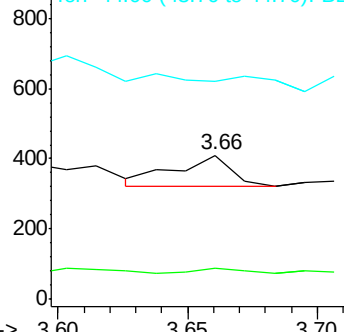
44 0.0 9.0 13.4#



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: 0.406 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

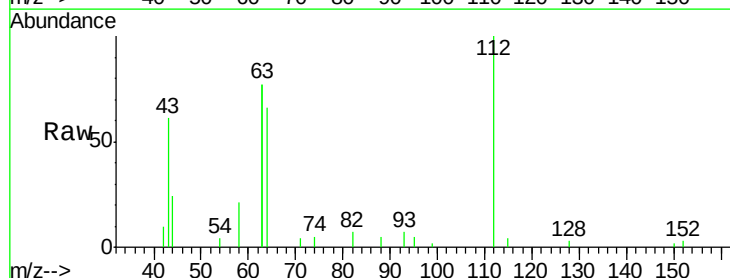
Tgt Ion: 112 Resp: 4088

Ion Ratio Lower Upper

112 100

64 58.7 44.9 67.3

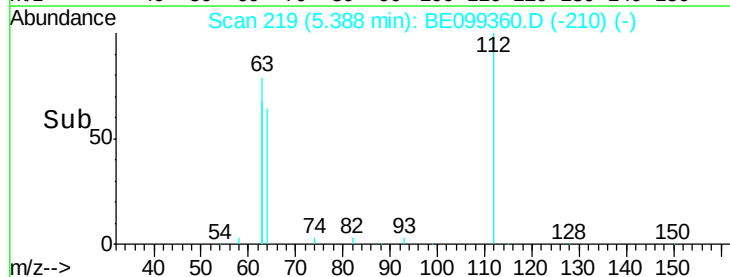
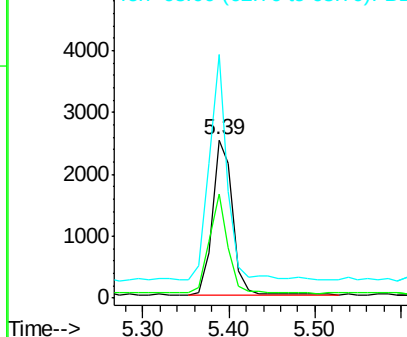
63 129.2 97.4 146.0

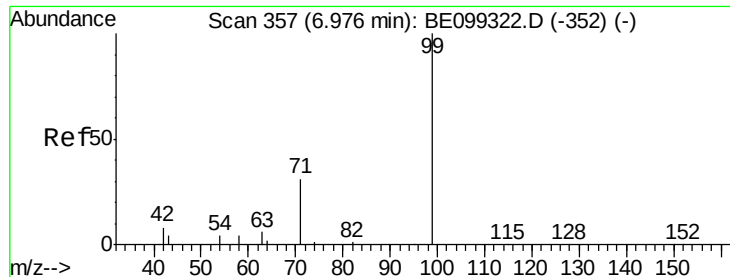


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.422 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

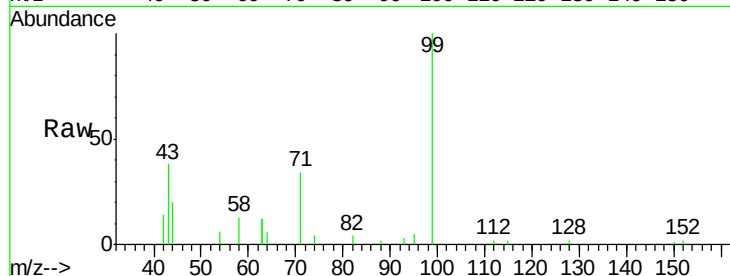
Tot Ion: 99 Resp: 6065

Ion Ratio Lower Upper

99 100

42 17.8 11.7 17.5#

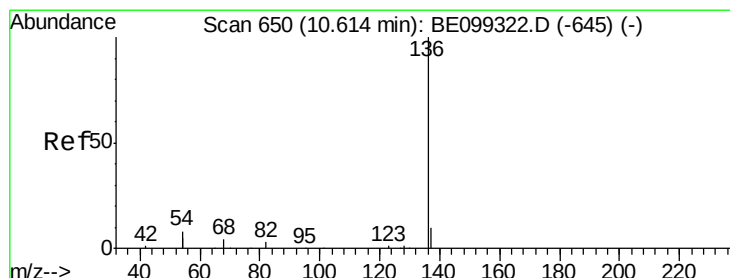
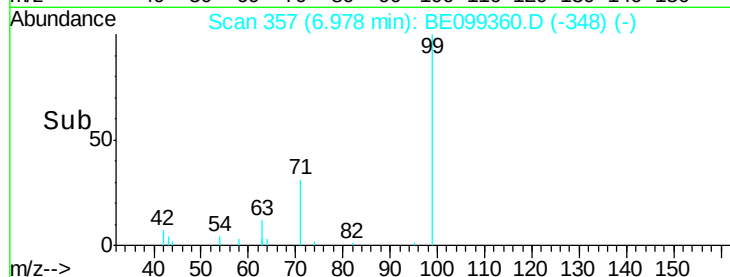
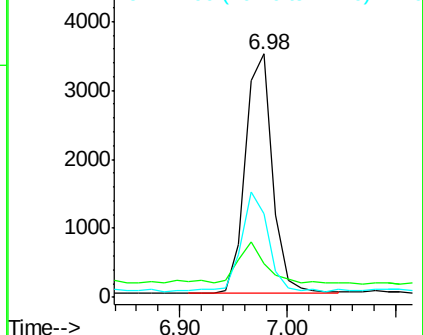
71 41.7 29.6 44.4



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: BE099360.D

Acq: 25 Apr 2019 14:24

Tgt Ion: 136 Resp: 15358

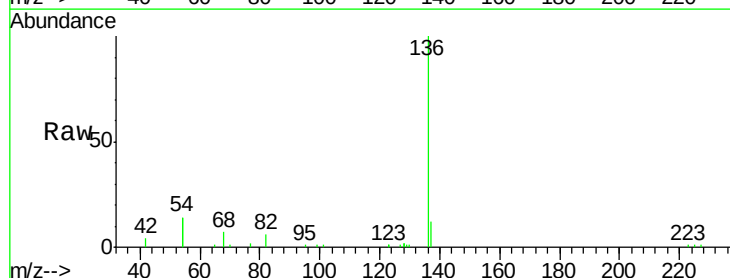
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 28.9 23.8 35.8

68 7.4 6.4 9.6

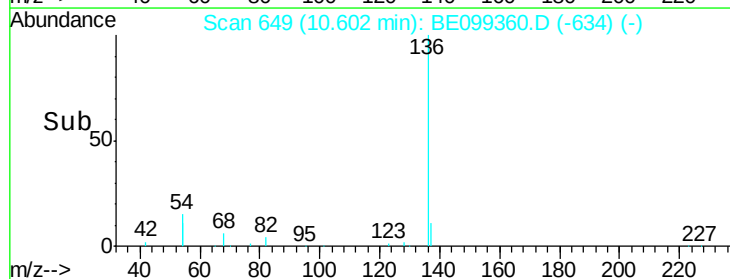
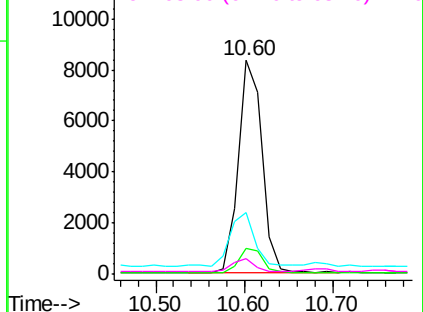


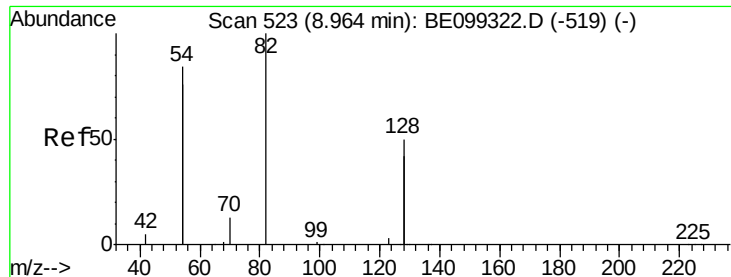
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.449 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

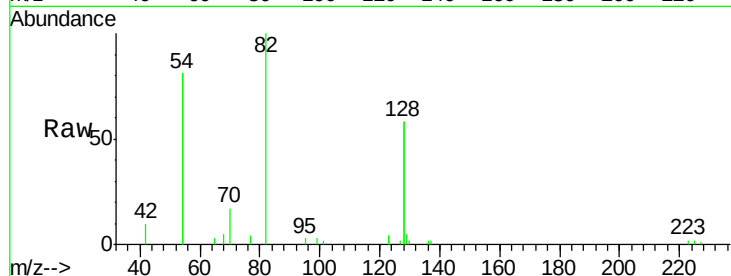
Tot Ion: 82 Resp: 5358

Ion Ratio Lower Upper

82 100

128 116.5 91.7 137.5

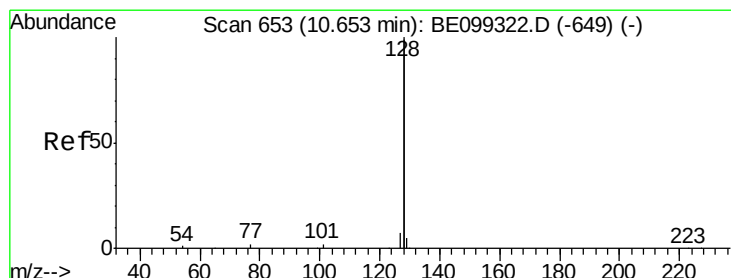
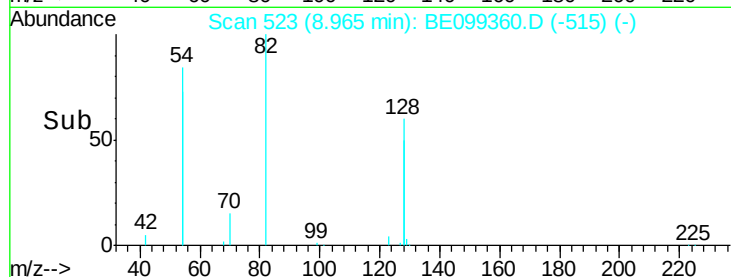
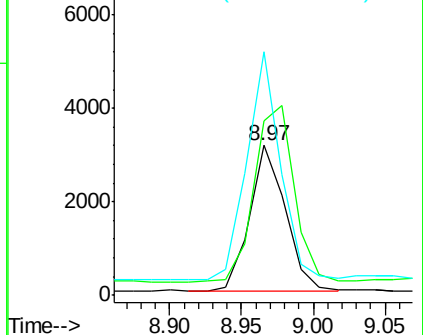
54 162.2 122.8 184.2



Abundance Ion 82.00 (81.70 to 82.70): BE099322.D (-519) (-)

Ion 128.00 (127.70 to 128.70): BE099322.D (-519) (-)

Ion 54.00 (53.70 to 54.70): BE099322.D (-519) (-)



#9

Naphthalene

Concen: 0.037 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

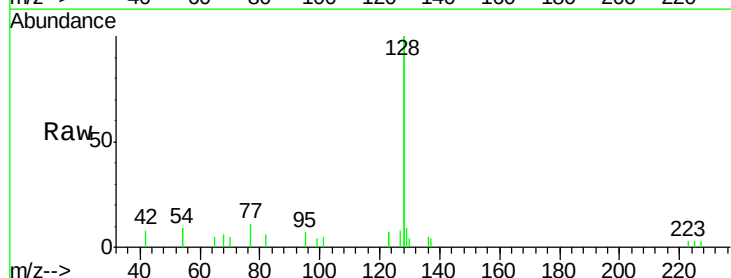
Tgt Ion: 128 Resp: 6230

Ion Ratio Lower Upper

128 100

129 4.4 2.3 3.5#

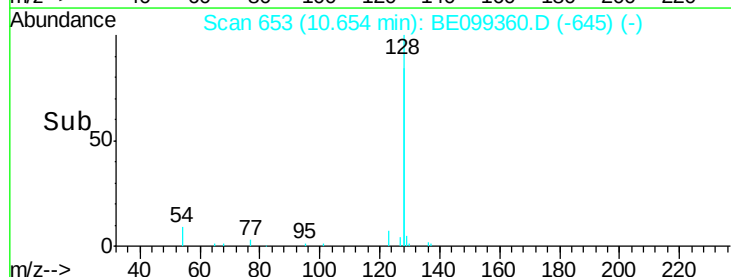
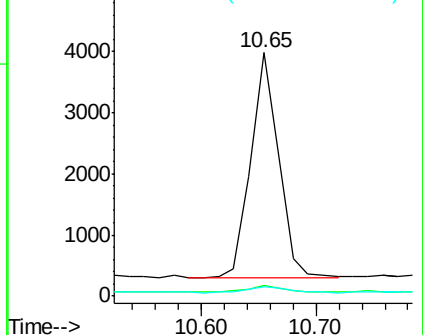
127 3.9 2.8 4.2

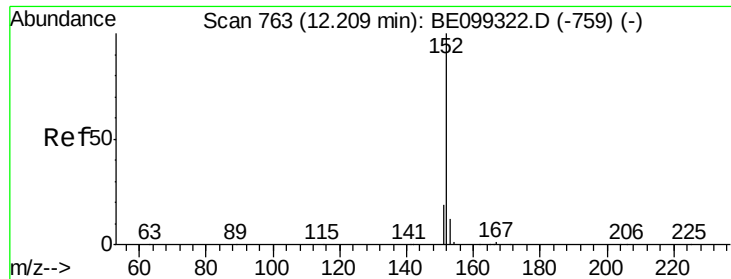


Abundance Ion 128.00 (127.70 to 128.70): BE099322.D (-649) (-)

Ion 129.00 (128.70 to 129.70): BE099322.D (-649) (-)

Ion 127.00 (126.70 to 127.70): BE099322.D (-649) (-)

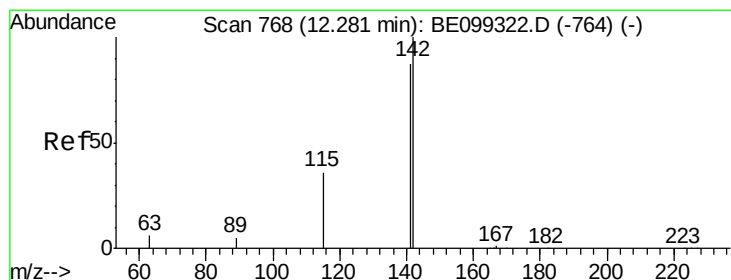
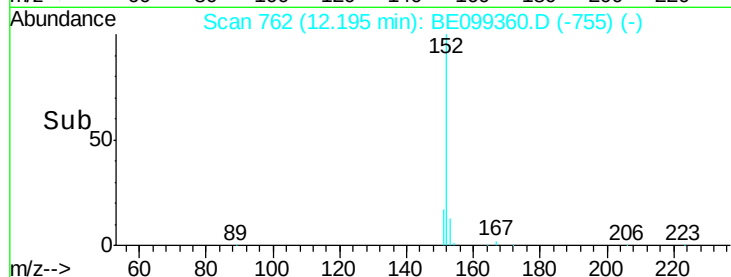
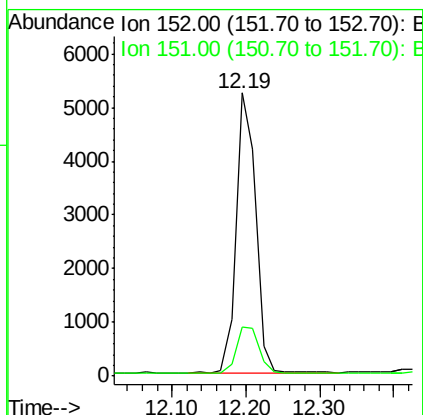
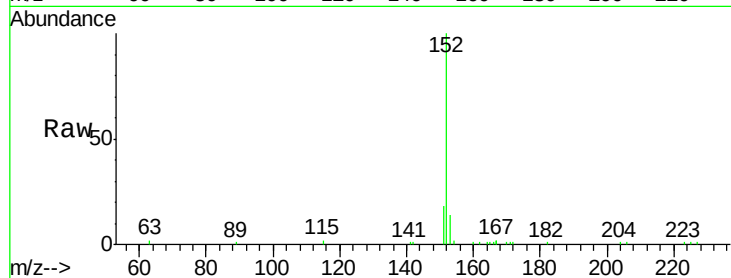




#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099360.D
 Acq: 25 Apr 2019 14:24

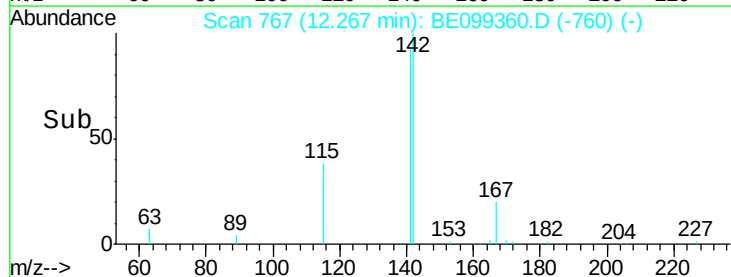
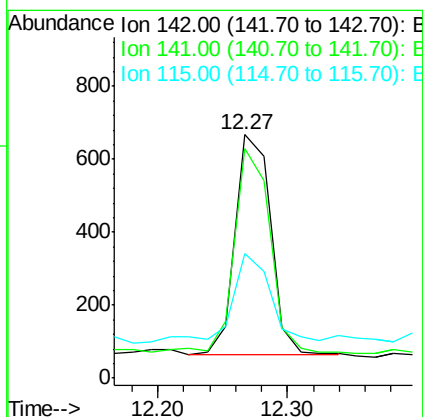
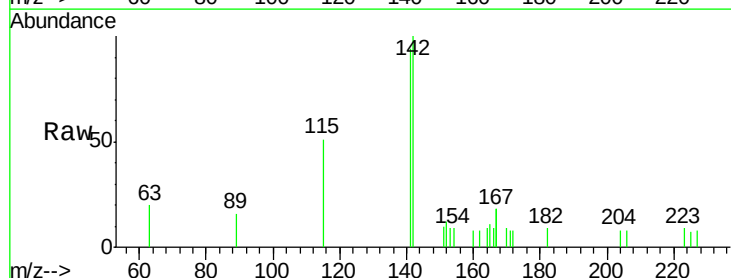
Instrument :
 BNA_E
 ClientSampleId :

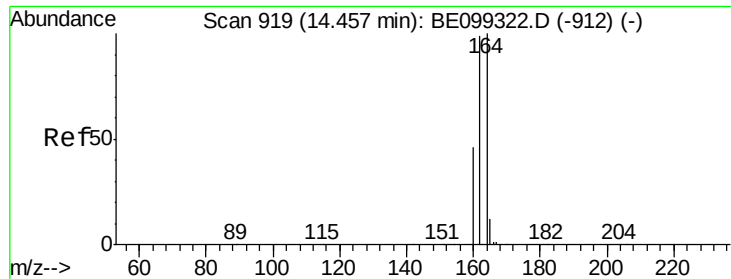
Tot Ion:152 Resp: 9543
 Ion Ratio Lower Upper
 152 100
 151 19.5 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.040 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099360.D
 Acq: 25 Apr 2019 14:24

Tgt Ion:142 Resp: 1151
 Ion Ratio Lower Upper
 142 100
 141 94.0 72.0 108.0
 115 51.0 33.4 50.0#

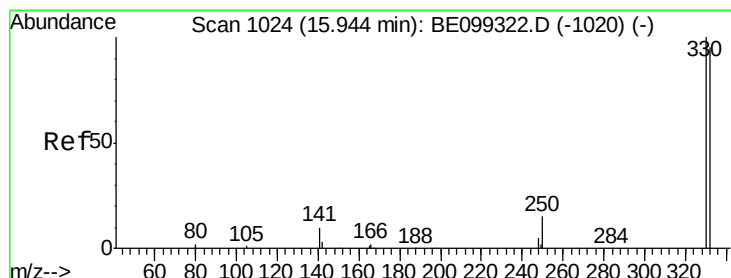
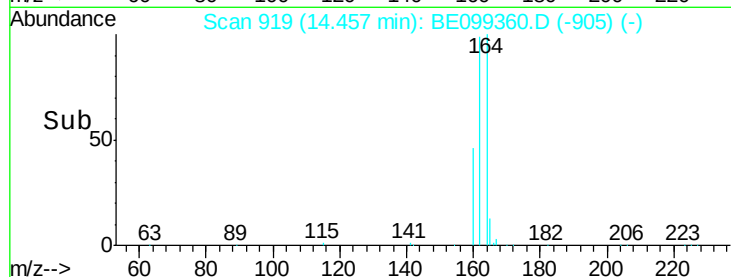
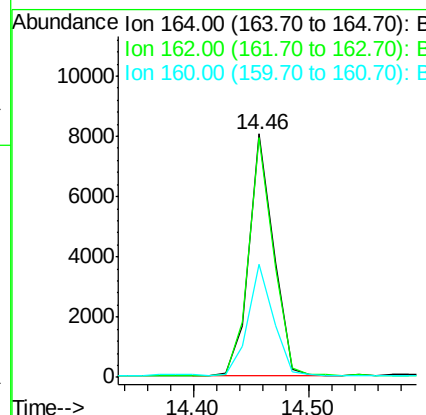
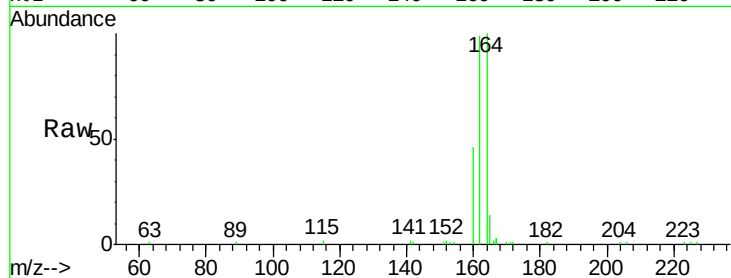




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099360.D
 Acq: 25 Apr 2019 14:24

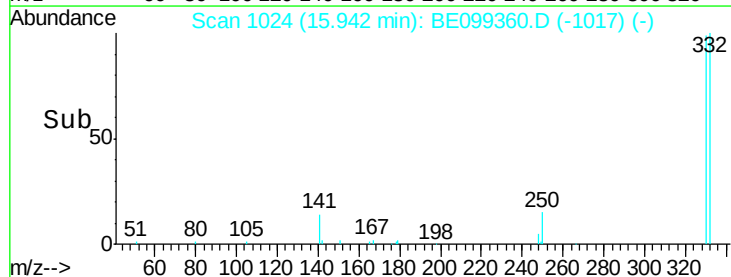
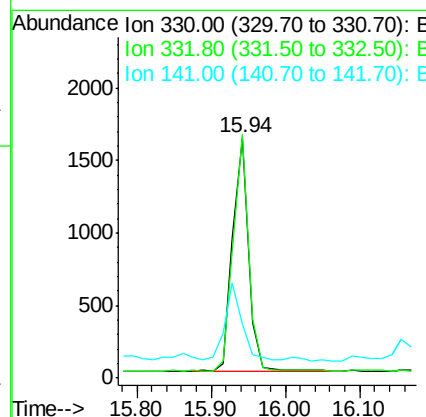
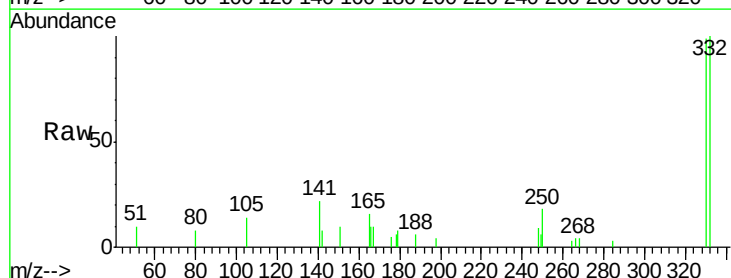
Instrument :
 BNA_E
 ClientSampleId :

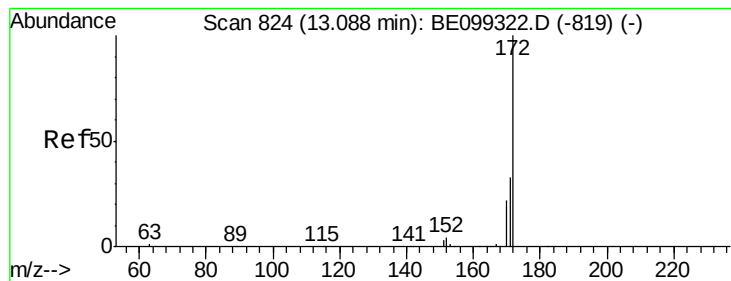
Tot Ion:164 Resp: 11833
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.8 116.6
 160 46.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.610 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099360.D
 Acq: 25 Apr 2019 14:24

Tgt Ion:330 Resp: 2396
 Ion Ratio Lower Upper
 330 100
 332 99.2 82.5 123.7
 141 35.0 24.9 37.3

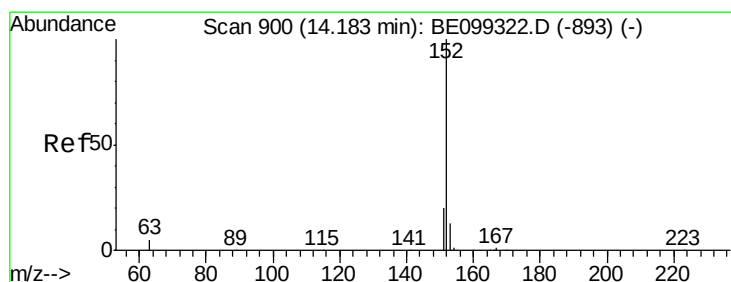
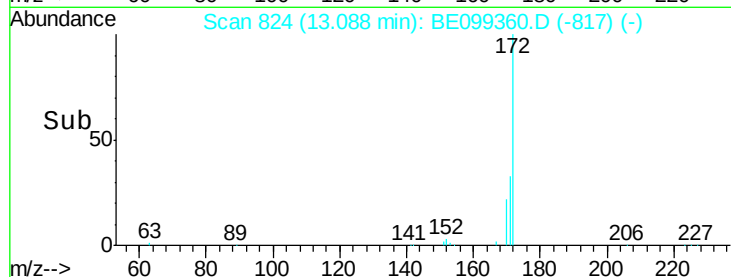
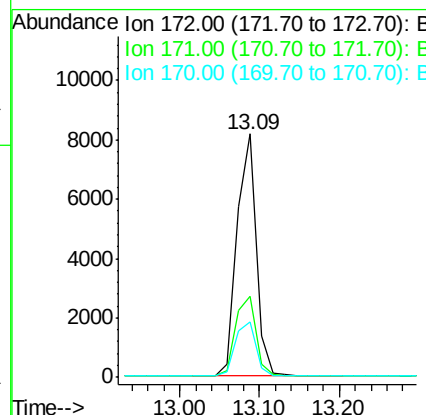
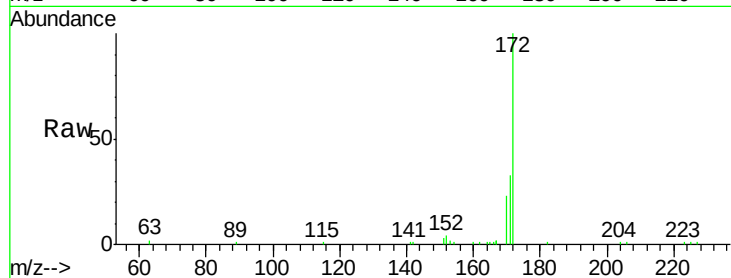




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099360.D
Acq: 25 Apr 2019 14:24

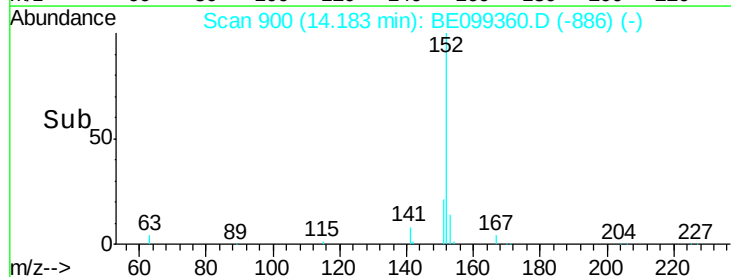
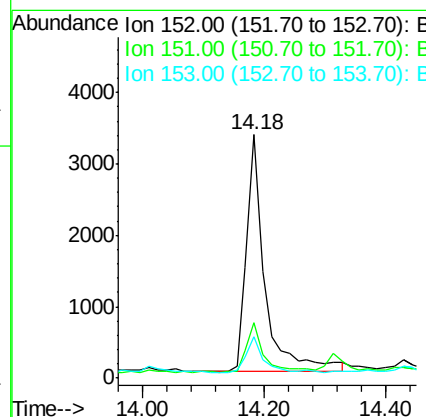
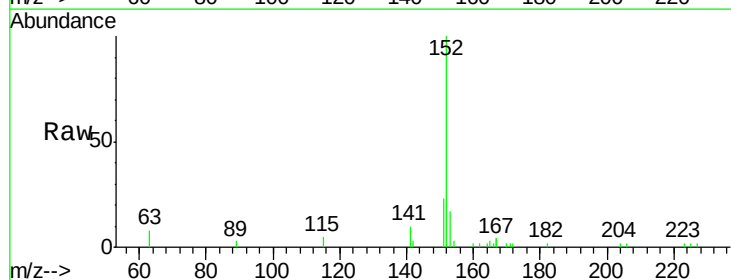
Instrument :
BNA_E
ClientSampleId :

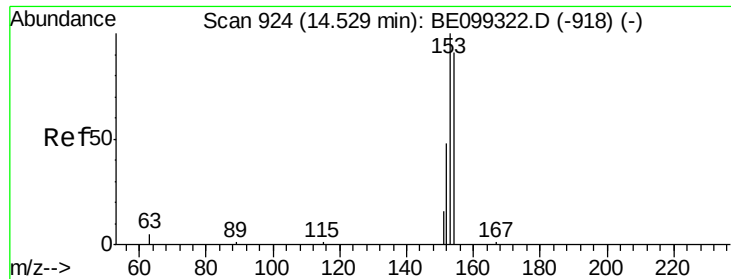
Tot Ion:172 Resp: 13588
Ion Ratio Lower Upper
172 100
171 33.5 26.2 39.2
170 22.7 18.1 27.1



#16
Acenaphthylene
Concen: 0.131 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099360.D
Acq: 25 Apr 2019 14:24

Tgt Ion:152 Resp: 7019
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 14.2 10.2 15.4





#17

Acenaphthene

Concen: 0.056 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

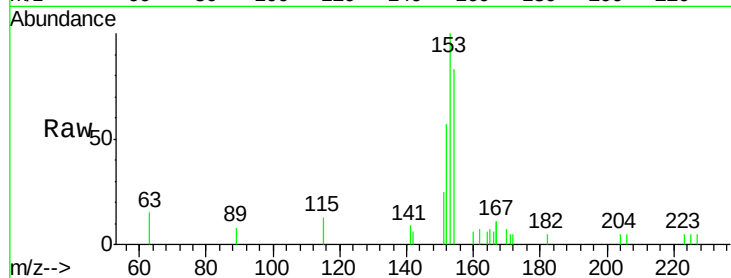
Tot Ion:154 Resp: 1844

Ion Ratio Lower Upper

154 100

153 121.8 94.7 142.1

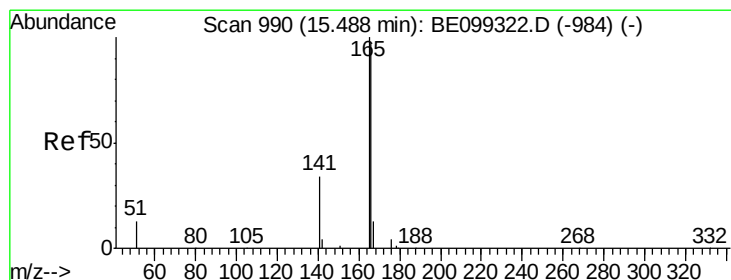
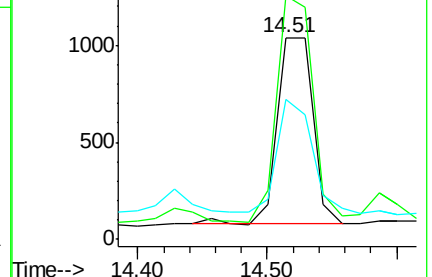
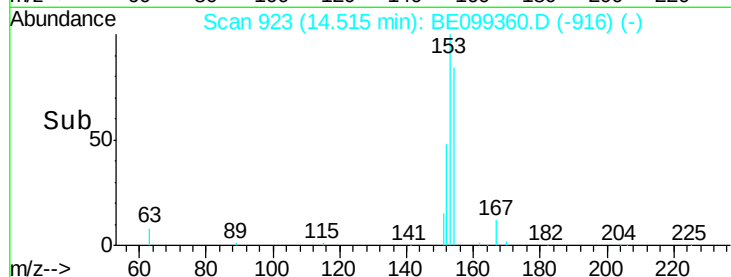
152 59.1 46.4 69.6



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: 0.080 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

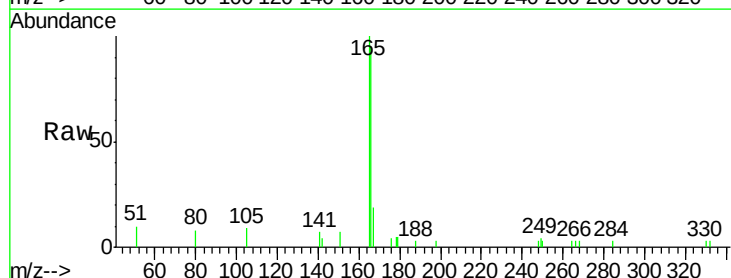
Tgt Ion:166 Resp: 3805

Ion Ratio Lower Upper

166 100

165 91.6 79.7 119.5

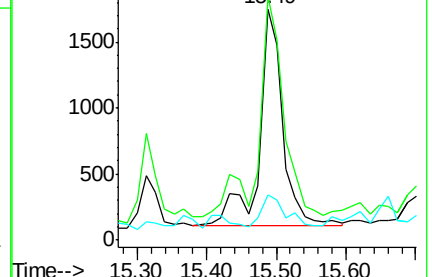
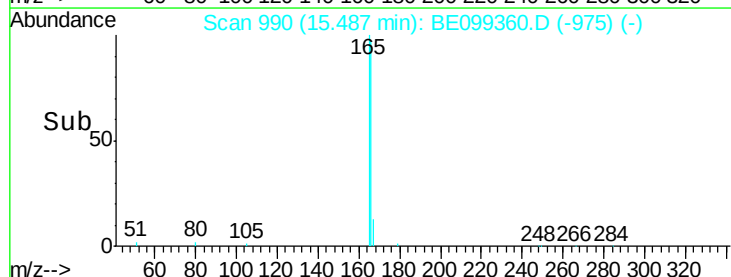
167 15.1 11.0 16.4

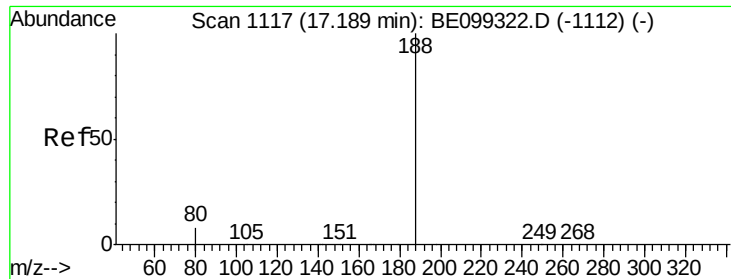


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

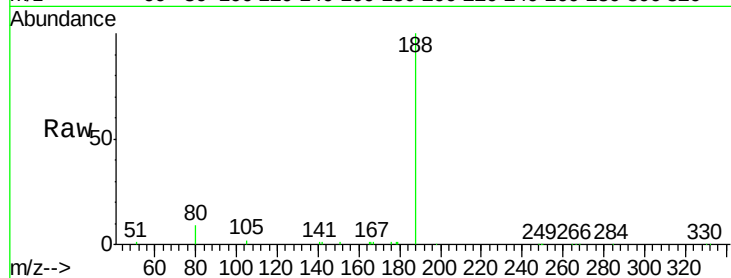
Tot Ion:188 Resp: 34503

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

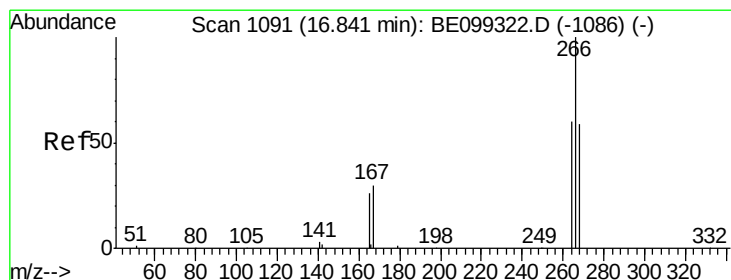
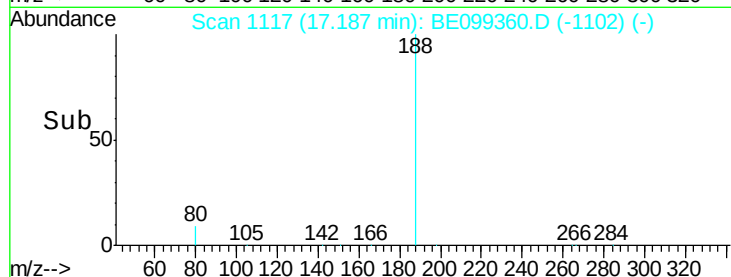
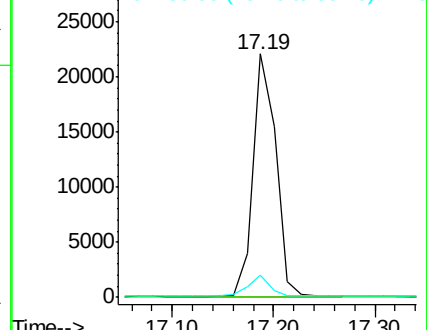
80 9.3 6.2 9.4



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: 0.237 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

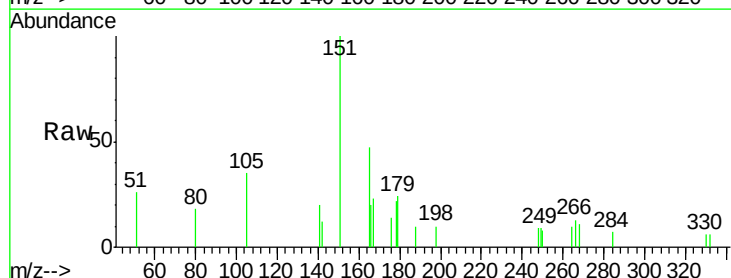
Tgt Ion:266 Resp: 123

Ion Ratio Lower Upper

266 100

264 81.8 54.5 81.7#

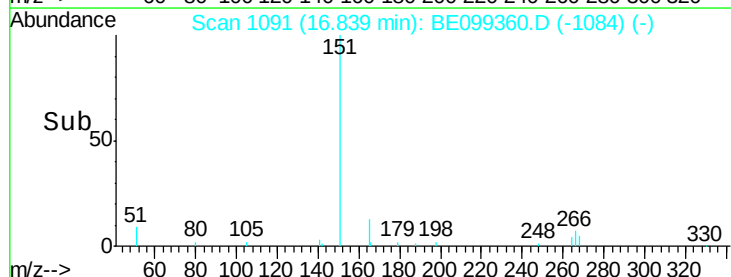
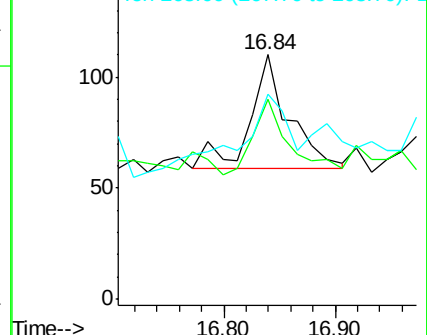
268 83.6 54.3 81.5#

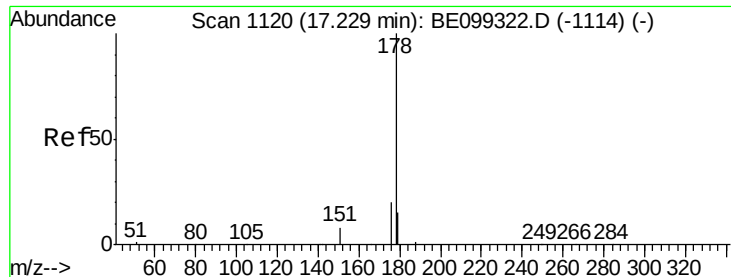


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.389 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

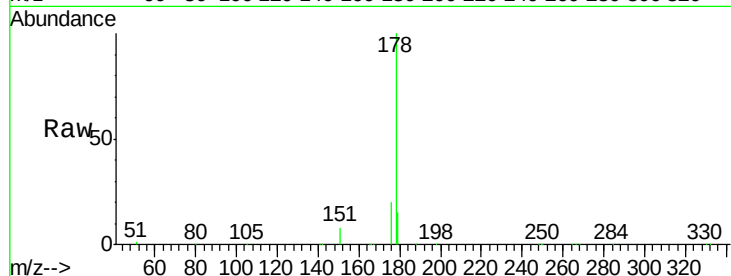
Tot Ion:178 Resp: 126943

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

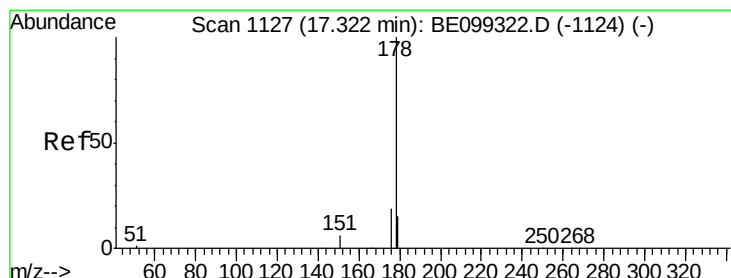
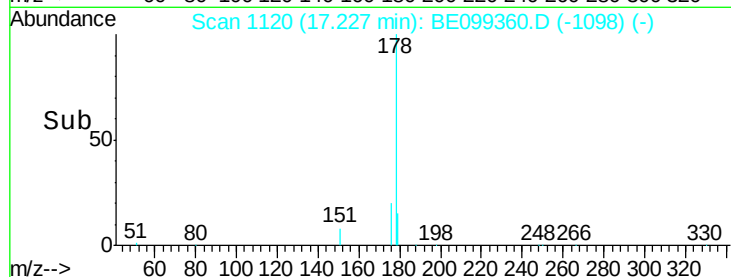
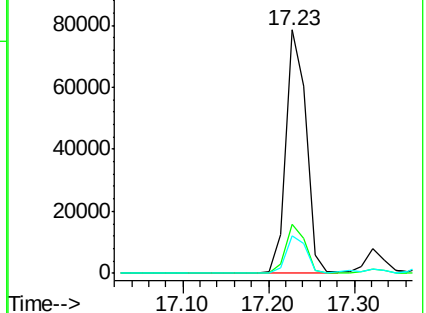
179 15.6 12.4 18.6



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



#24

Anthracene

Concen: 0.133 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

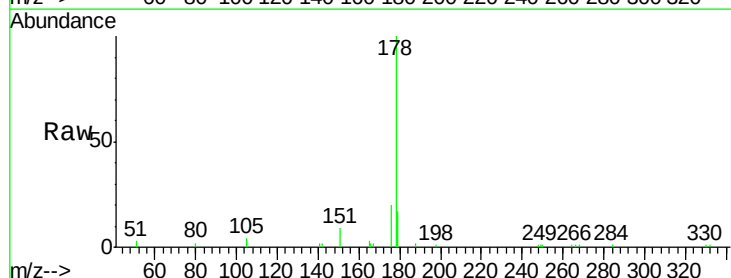
Tgt Ion:178 Resp: 10835

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

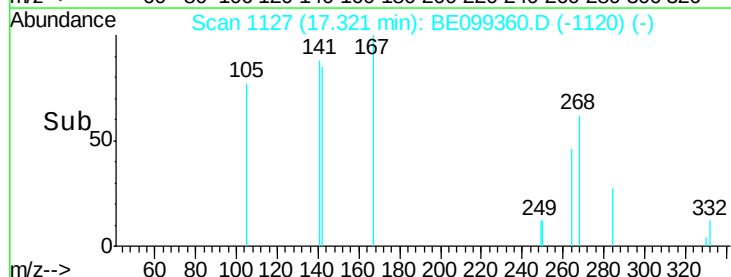
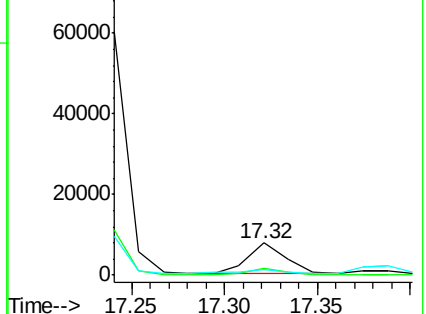
179 17.7 11.9 17.9

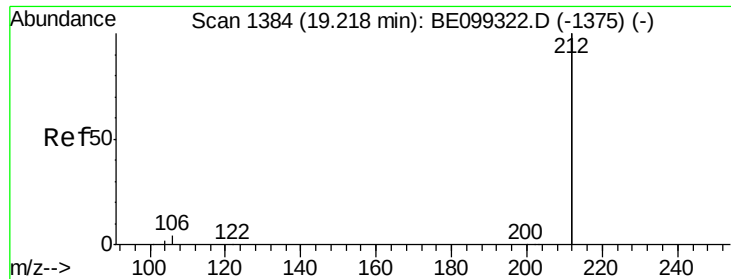


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

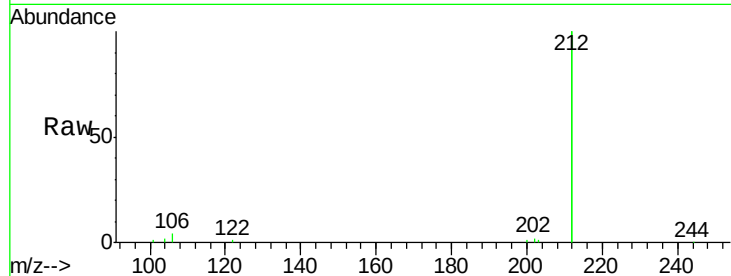
Tot Ion:212 Resp: 120317

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.6

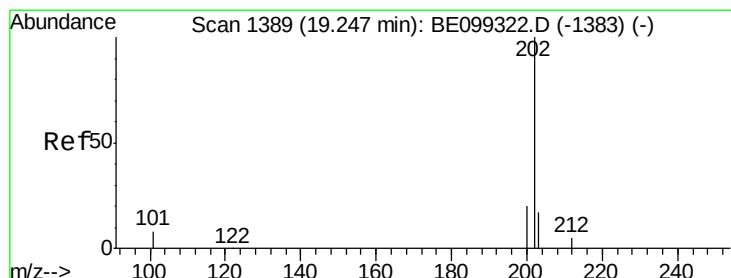
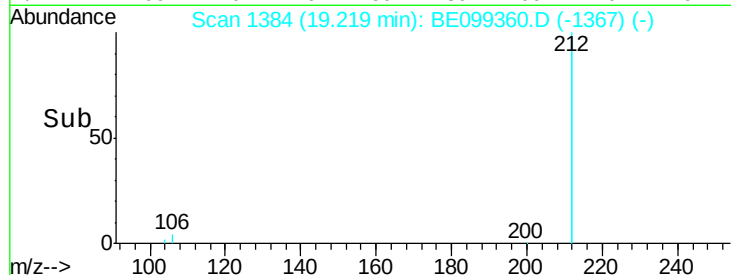
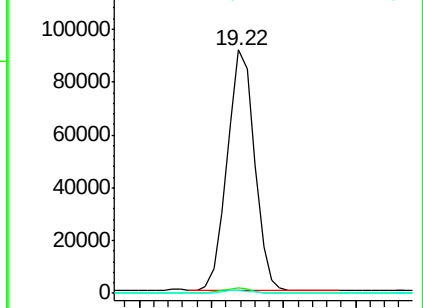
104 1.1 1.0 1.4



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: 3.044 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

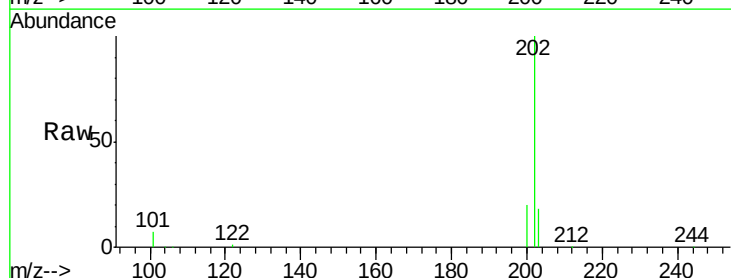
Tgt Ion:202 Resp: 372241

Ion Ratio Lower Upper

202 100

101 7.2 6.4 9.6

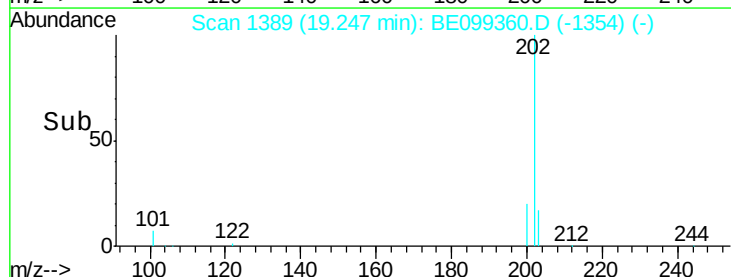
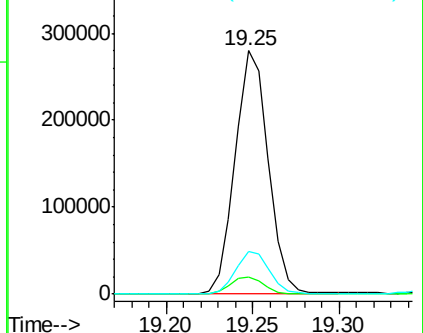
203 17.6 13.5 20.3

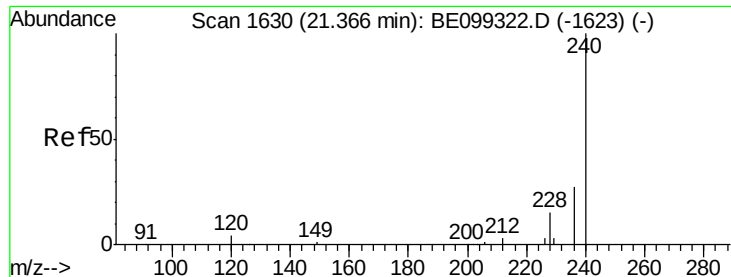


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

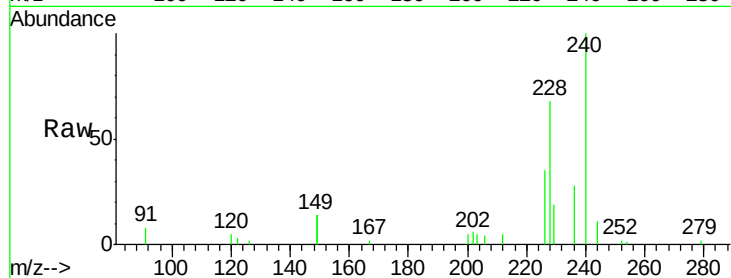
Tot Ion:240 Resp: 39260

Ion Ratio Lower Upper

240 100

120 5.1 2.2 3.2#

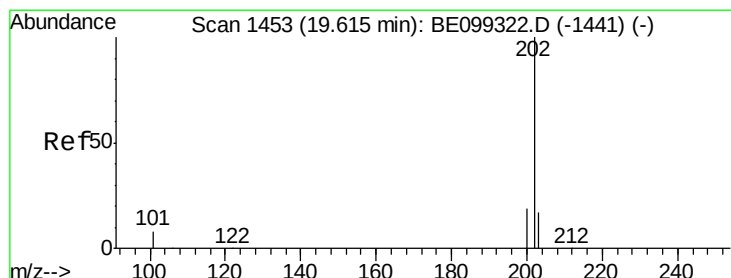
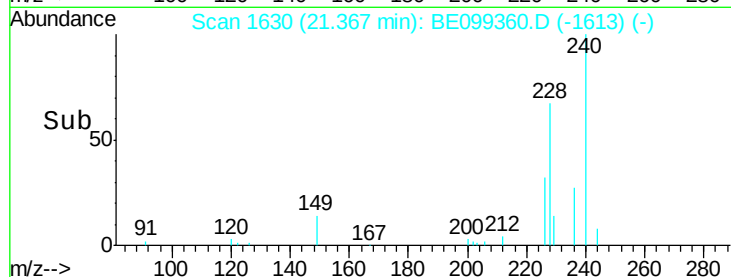
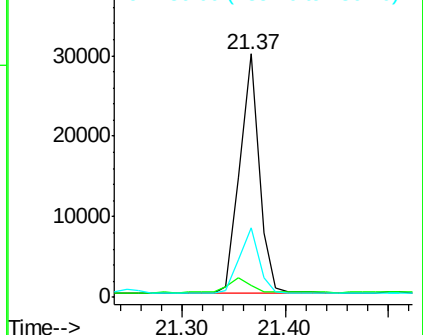
236 28.4 20.2 30.4



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: 2.907 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

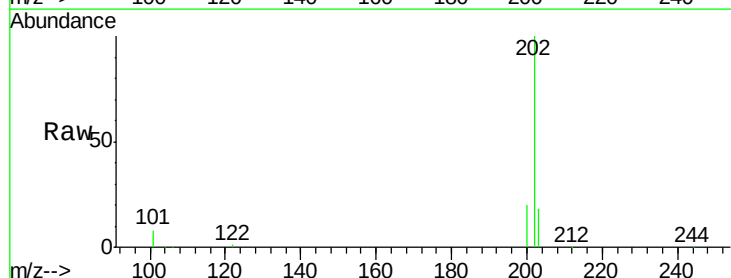
Tgt Ion:202 Resp: 336238

Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

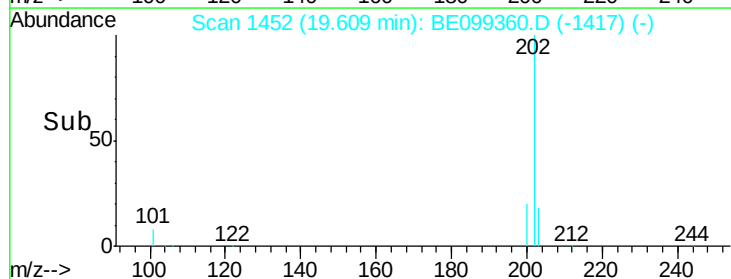
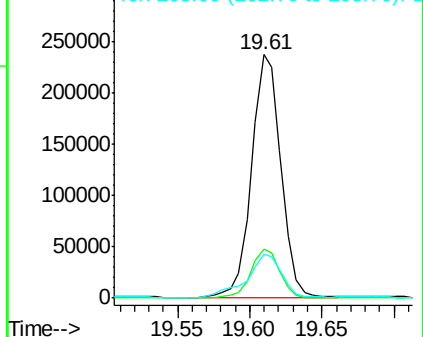
203 21.2 13.7 20.5#

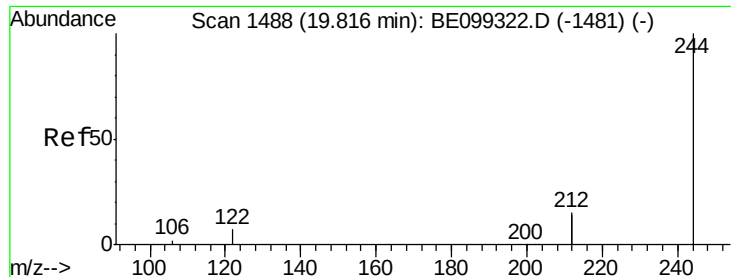


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.243 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

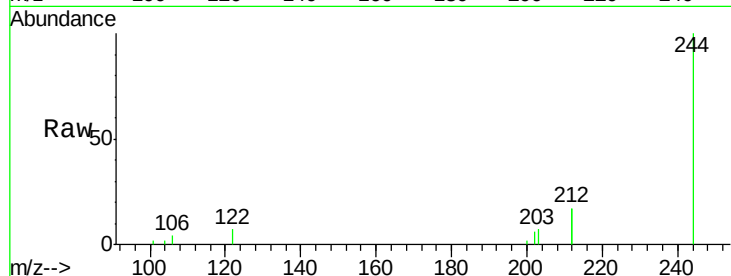
Tot Ion:244 Resp: 18758

Ion Ratio Lower Upper

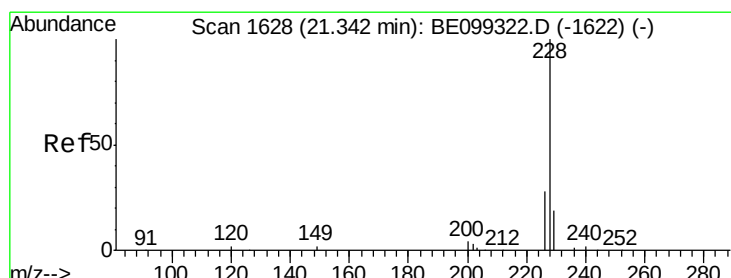
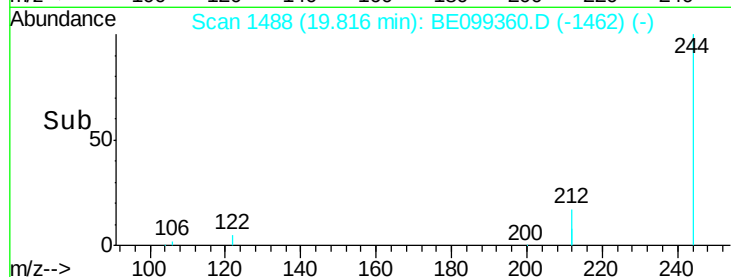
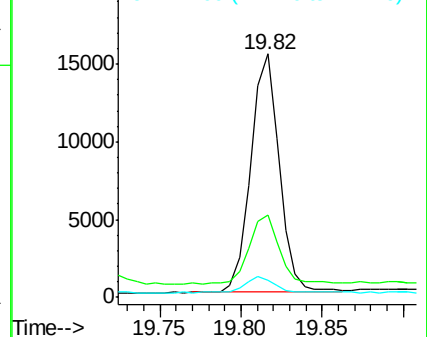
244 100

212 33.7 22.6 33.8

122 7.1 4.6 7.0#



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: 1.410 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

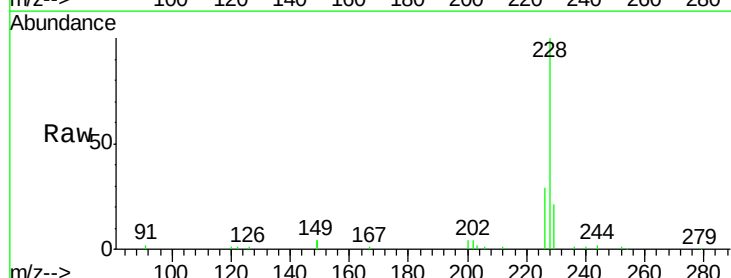
Tgt Ion:228 Resp: 162696

Ion Ratio Lower Upper

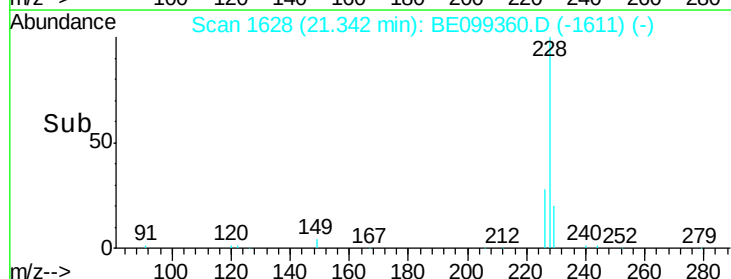
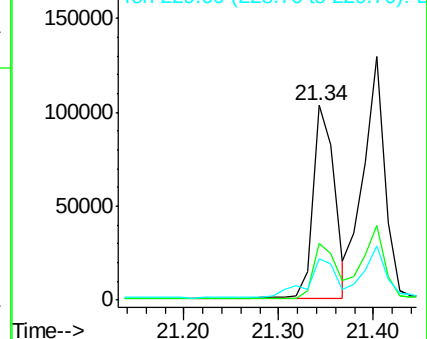
228 100

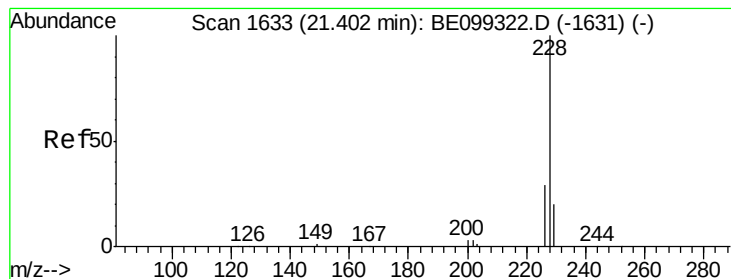
226 28.9 22.0 33.0

229 21.2 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





#31

Chrysene

Concen: 1.654 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

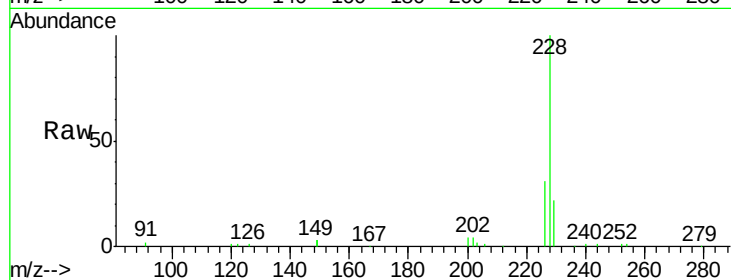
Tot Ion:228 Resp: 203211

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

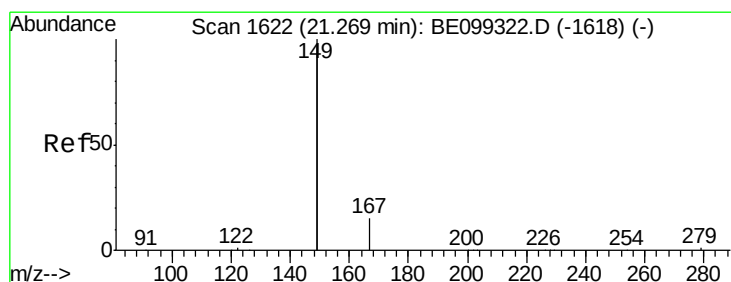
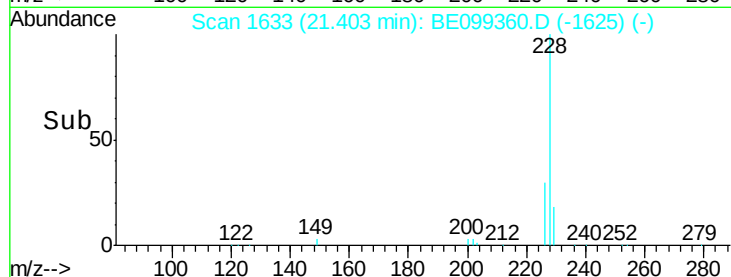
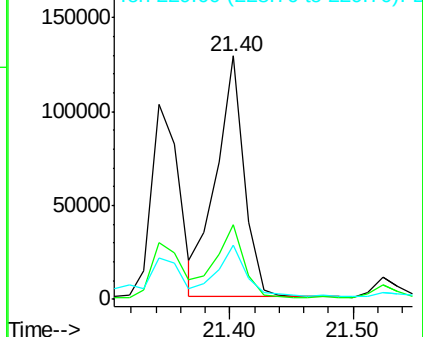
229 22.0 16.2 24.2



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: 1.069 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

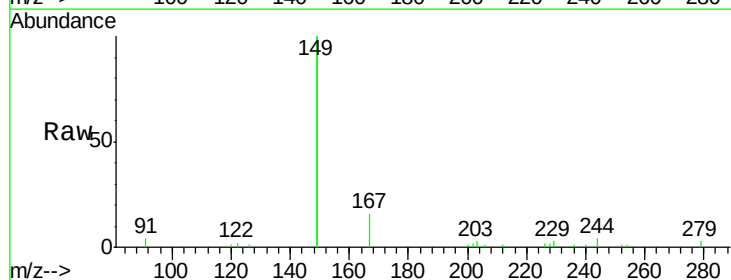
Tgt Ion:149 Resp: 112304

Ion Ratio Lower Upper

149 100

167 7.2 6.0 9.0

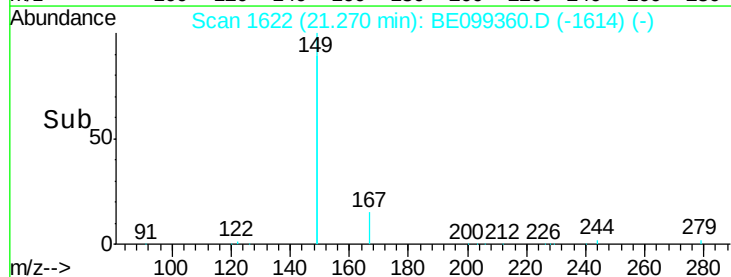
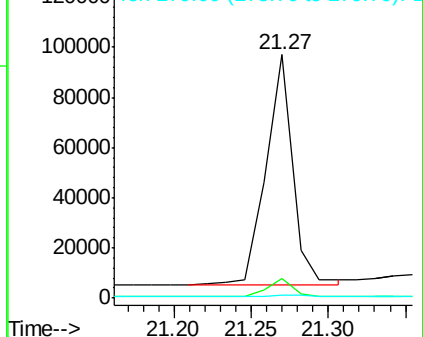
279 1.5 1.1 1.7

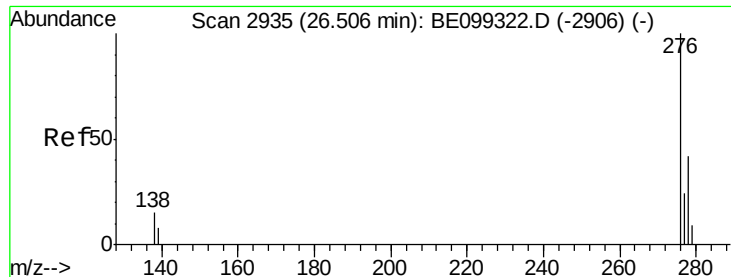


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.056 ng

RT: 26.50 min Scan# 2935

Delta R.T. 0.01 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

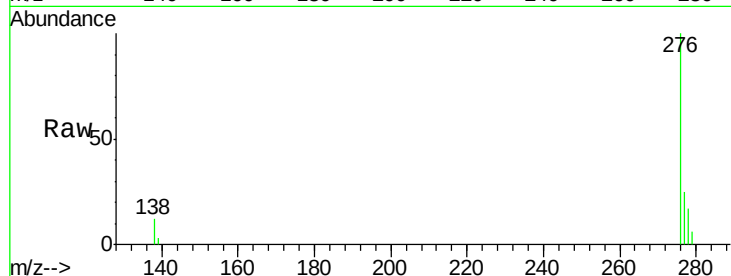
Tot Ion:276 Resp: 128064

Ion Ratio Lower Upper

276 100

138 10.5 12.7 19.1#

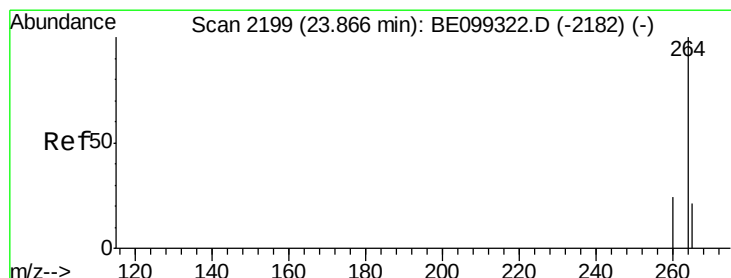
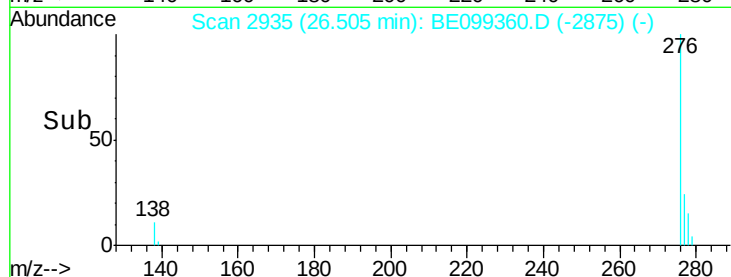
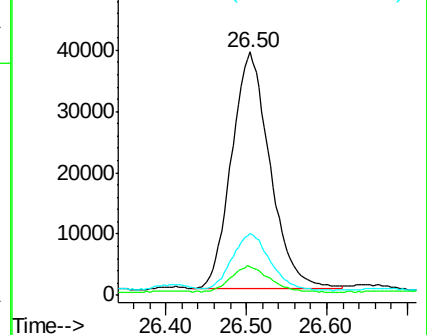
277 23.8 19.6 29.4



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: 23.87 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

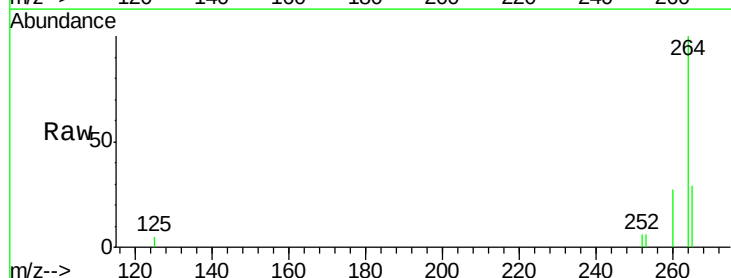
Tgt Ion:264 Resp: 43933

Ion Ratio Lower Upper

264 100

260 27.0 20.1 30.1

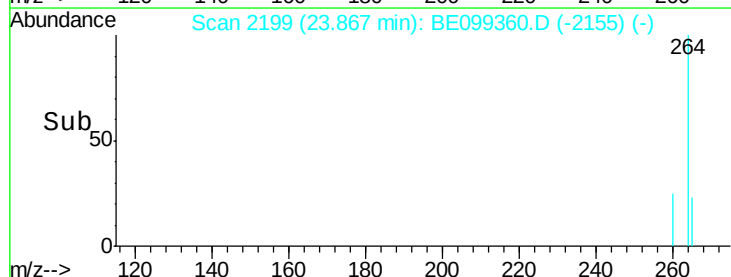
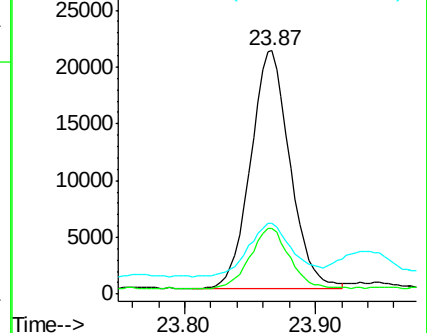
265 28.9 19.9 29.9

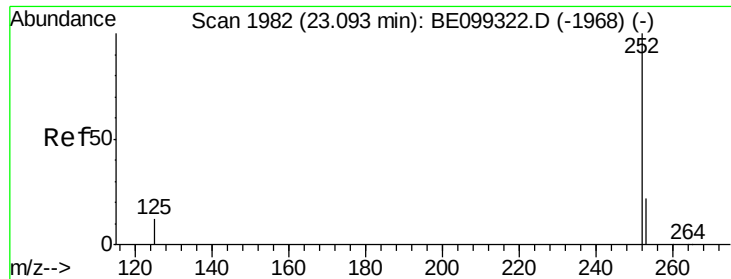


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.844 ng

RT: 23.10 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

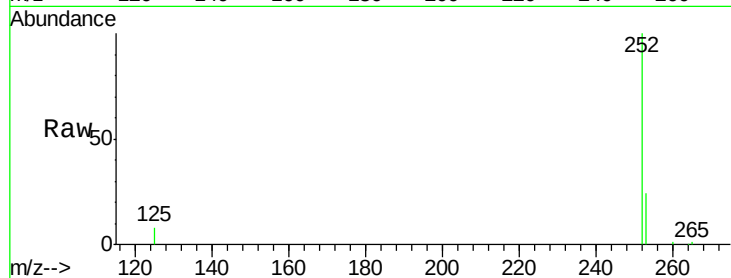
Tot Ion:252 Resp: 247999

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

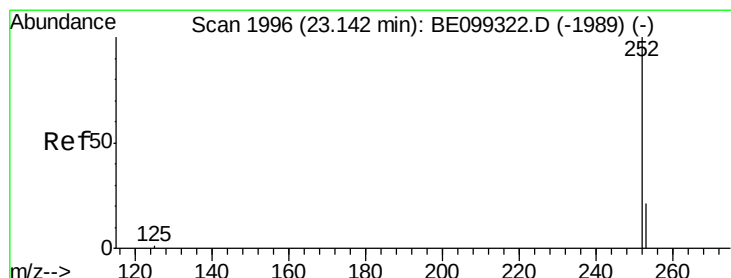
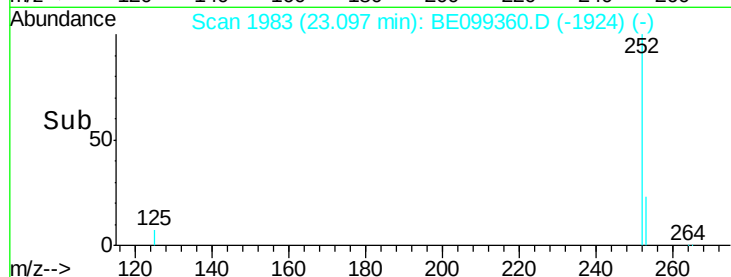
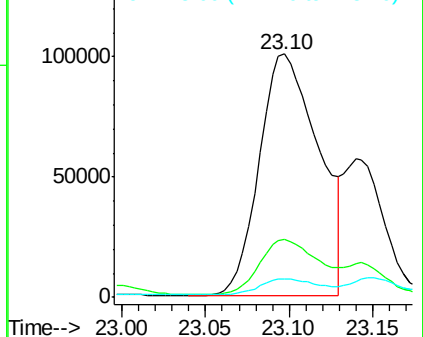
125 7.6 5.8 8.6



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: 1.849 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.04 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

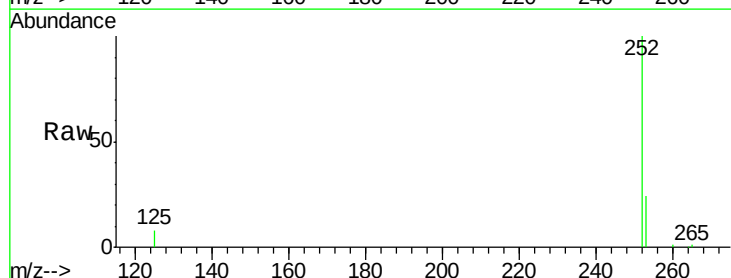
Tgt Ion:252 Resp: 247999

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

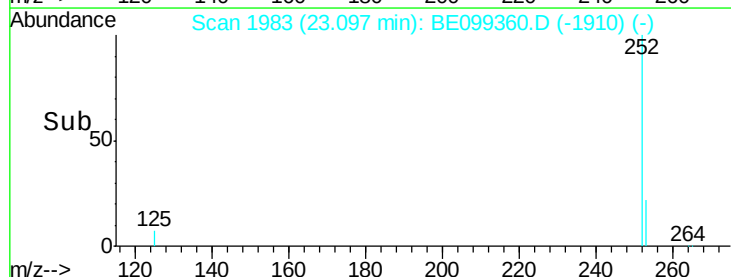
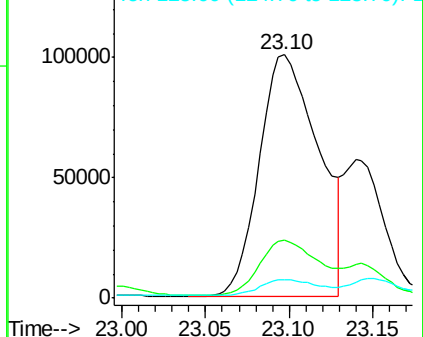
125 7.6 5.4 8.0

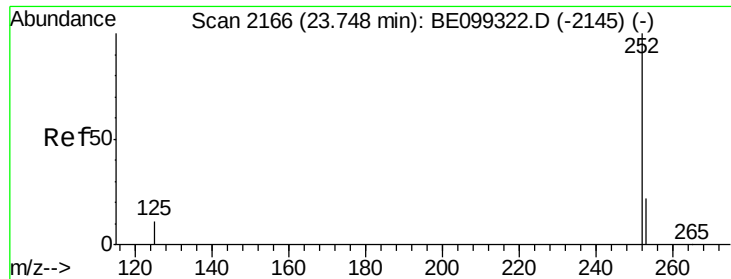


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.362 ng

RT: 23.75 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :

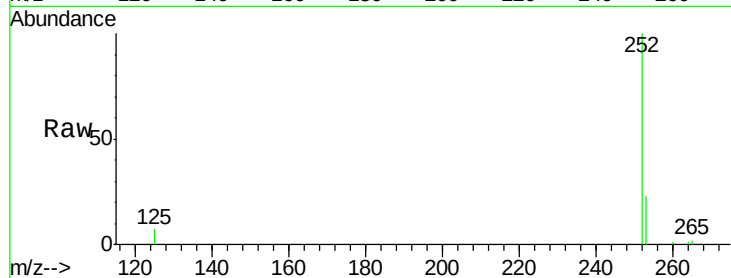
Tot Ion:252 Resp: 164109

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

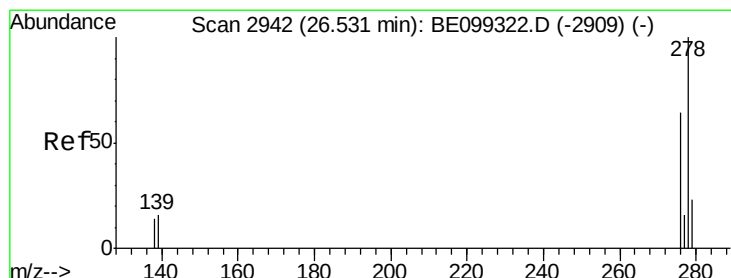
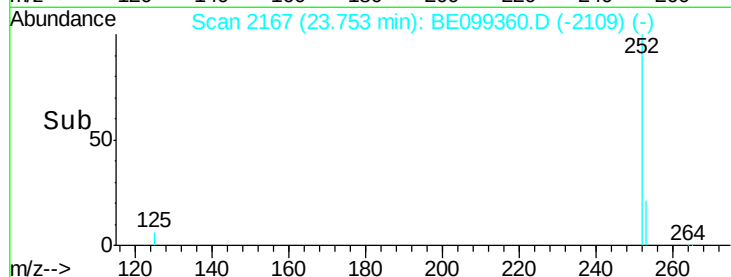
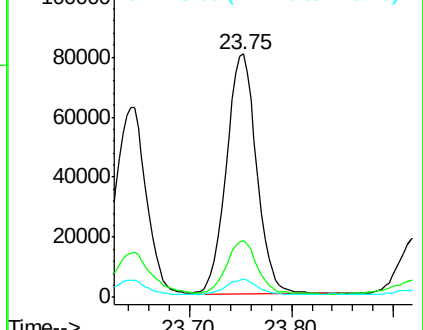
125 7.3 6.5 9.7



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: 0.232 ng

RT: 26.53 min Scan# 2942

Delta R.T. 0.01 min

Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

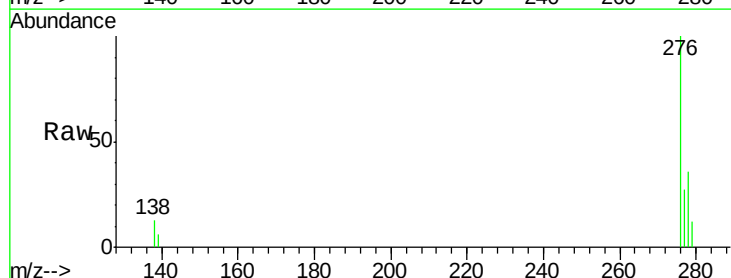
Tgt Ion:278 Resp: 28529

Ion Ratio Lower Upper

278 100

139 16.3 8.5 12.7#

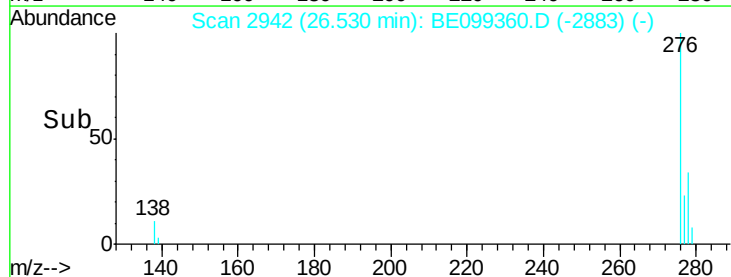
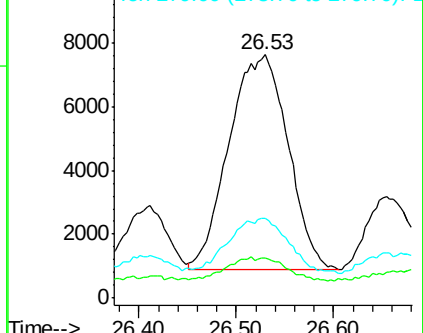
279 32.7 19.8 29.8#

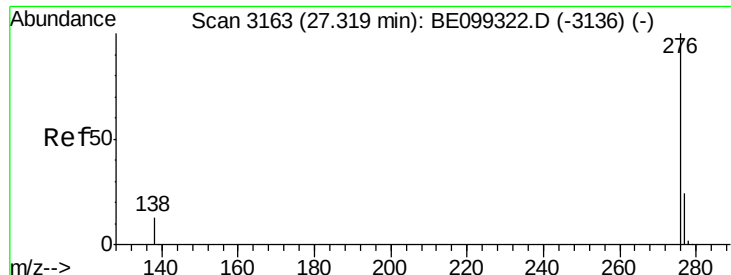


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.061 ng

RT: 27.33 min Scan# 3165

Delta R.T. 0.02 min

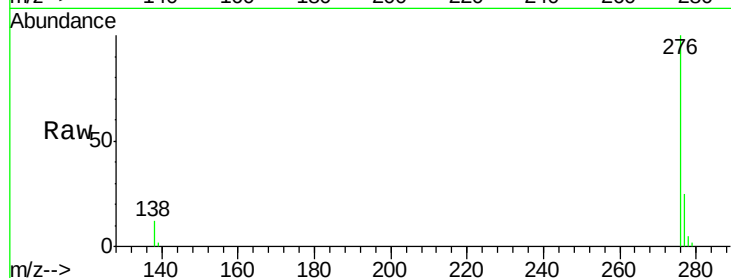
Lab File: BE099360.D

Acq: 25 Apr 2019 14:24

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 132450

Ion Ratio Lower Upper

276 100

277 25.1 20.0 30.0

138 12.3 11.1 16.7

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

