

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099332.D
 Acq On : 18 Apr 2019 10:27
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Apr 18 13:58:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:54:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3841	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	15146	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10365	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	30377	0.40	ng	0.00
27) Chrysene-d12	21.37	240	36007	0.40	ng	0.00
34) Perylene-d12	23.86	264	33112	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	3765	0.37	ng	0.00
5) Phenol-d6	6.98	99	5353	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	4448	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10624	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1392	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16854	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	144646	0.36	ng	0.00
29) Terphenyl-d14	19.82	244	28757	0.44	ng	0.00

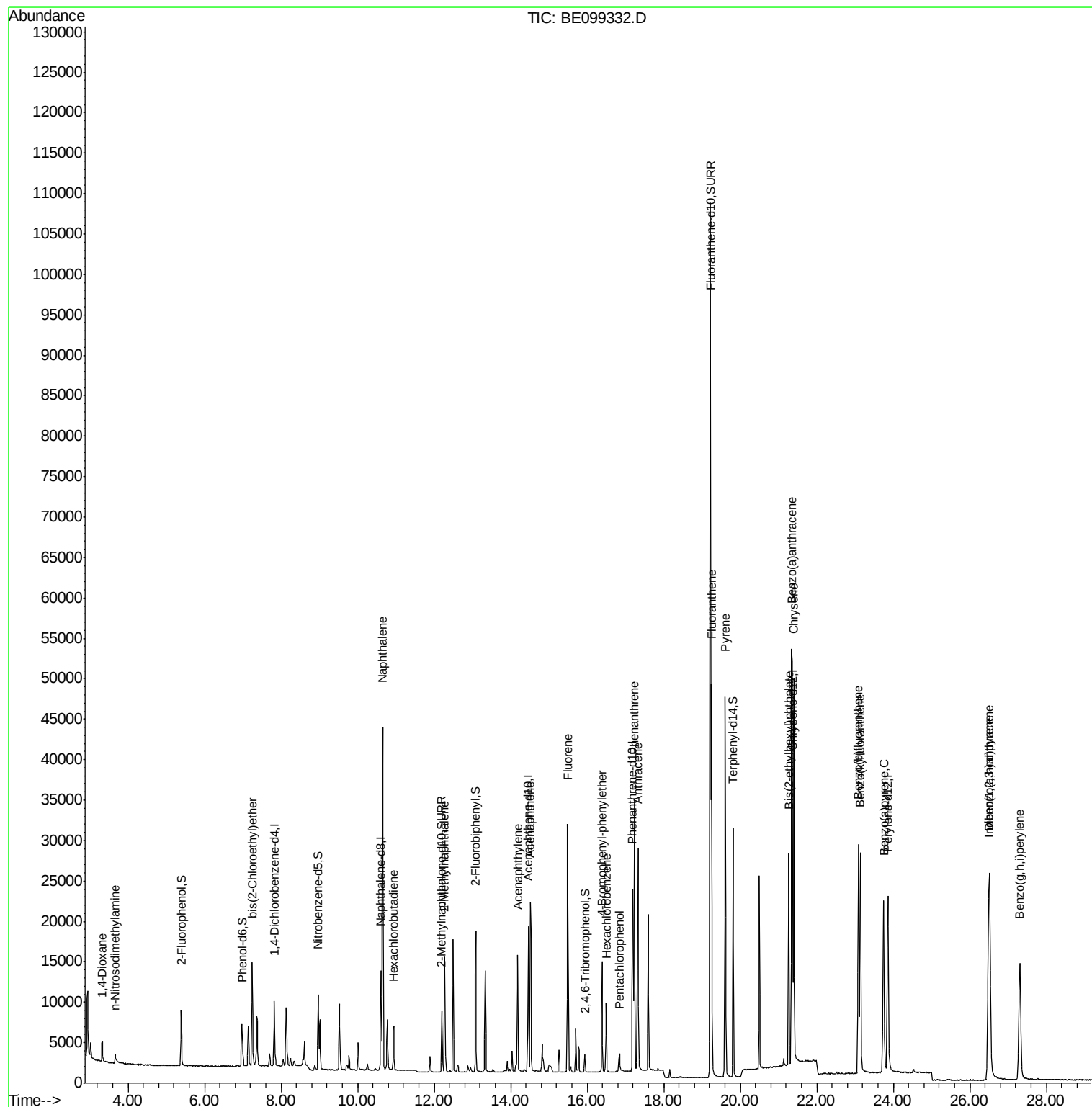
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	2143	0.409	ng	99
3) n-Nitrosodimethylamine	3.66	42	981	0.318	ng	100
6) bis(2-Chloroethyl)ether	7.24	93	5207	0.414	ng	100
9) Naphthalene	10.65	128	66452	0.403	ng	100
10) Hexachlorobutadiene	10.94	225	4250	0.397	ng	100
12) 2-Methylnaphthalene	12.27	142	11133	0.397	ng	100
16) Acenaphthylene	14.18	152	18351	0.374	ng	100
17) Acenaphthene	14.51	154	11693	0.404	ng	100
18) Fluorene	15.49	166	16980	0.406	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	6793	0.394	ng	100
21) Hexachlorobenzene	16.49	284	6690	0.408	ng	100
22) Pentachlorophenol	16.84	266	1439	0.211	ng	100
23) Phenanthrene	17.23	178	32708	0.416	ng	100
24) Anthracene	17.32	178	28593	0.386	ng	100
26) Fluoranthene	19.25	202	42839	0.369	ng	100
28) Pyrene	19.61	202	43355	0.456	ng	100
30) Benzo(a)anthracene	21.34	228	40504	0.357	ng	100
31) Chrysene	21.40	228	46717	0.420	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	32917	0.228	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	44448	0.350	ng	100
35) Benzo(b)fluoranthene	23.09	252	40299	0.408	ng	100
36) Benzo(k)fluoranthene	23.14	252	41124	0.428	ng	100
37) Benzo(a)pyrene	23.74	252	36212	0.390	ng	100
38) Dibenzo(a,h)anthracene	26.52	278	37030	0.401	ng	100
39) Benzo(g,h,i)perylene	27.31	276	37806	0.411	ng	100

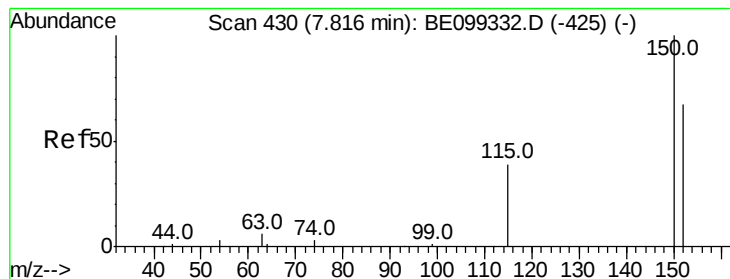
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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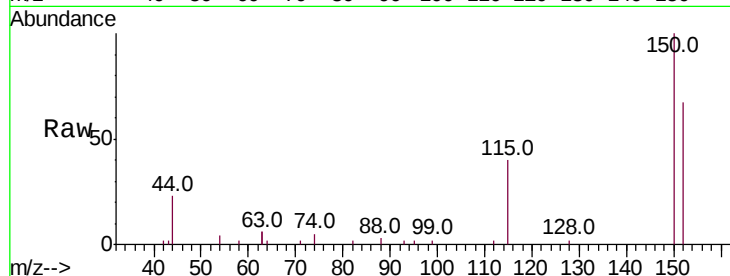


#1

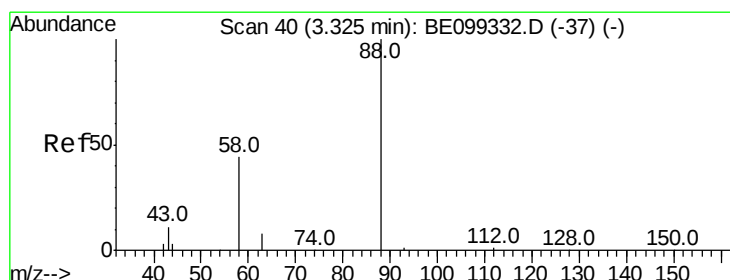
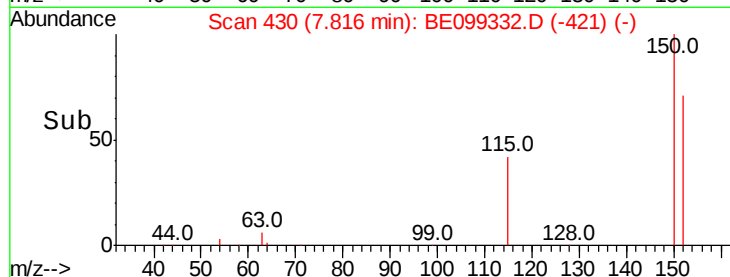
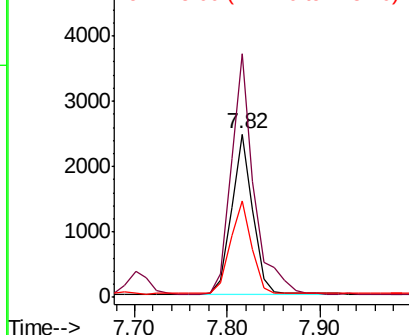
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 3841
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 59.4 47.5 71.3



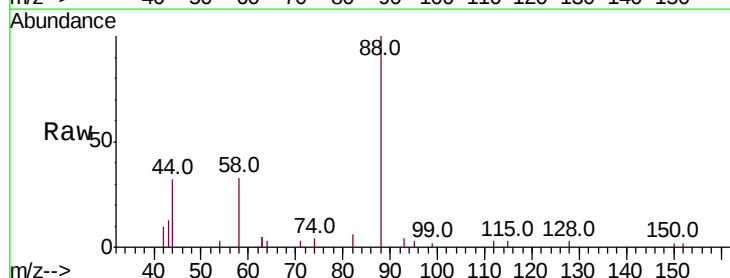
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



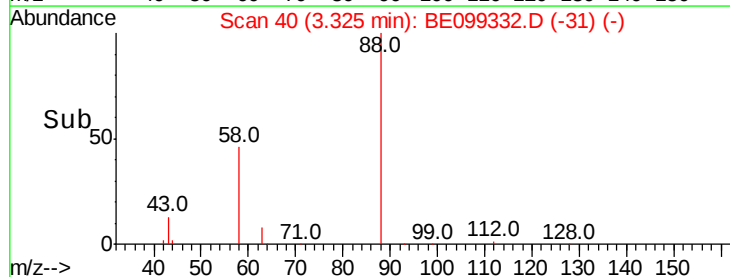
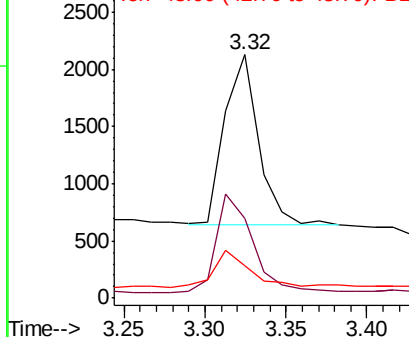
#2

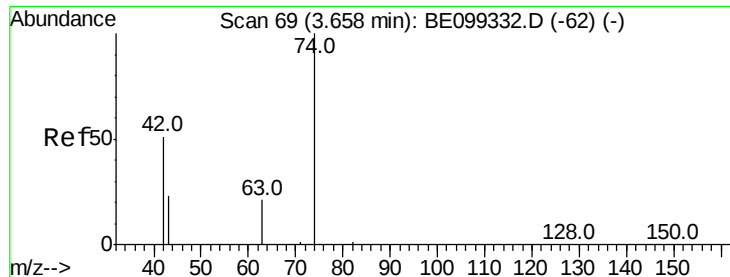
1,4-Dioxane
Concen: 0.409 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion: 88 Resp: 2143
Ion Ratio Lower Upper
88 100
58 61.4 49.1 73.7
43 23.9 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: 0.318 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

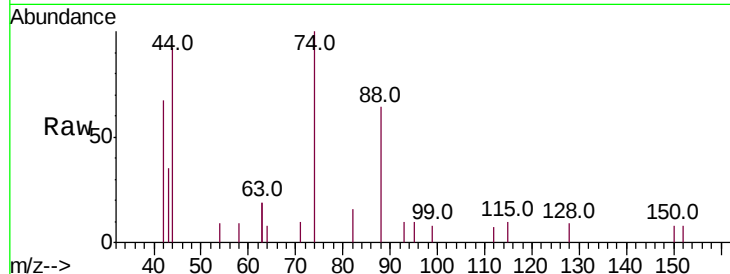
Tot Ion: 42 Resp: 981

Ion Ratio Lower Upper

42 100

74 182.3 145.8 218.8

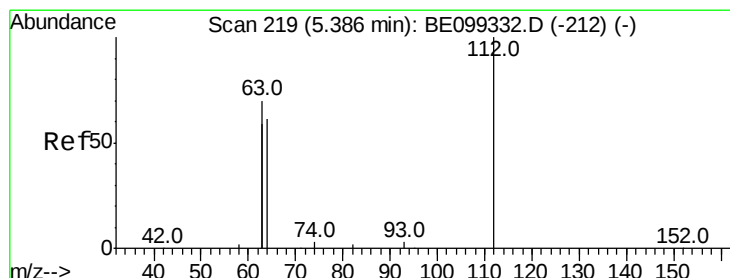
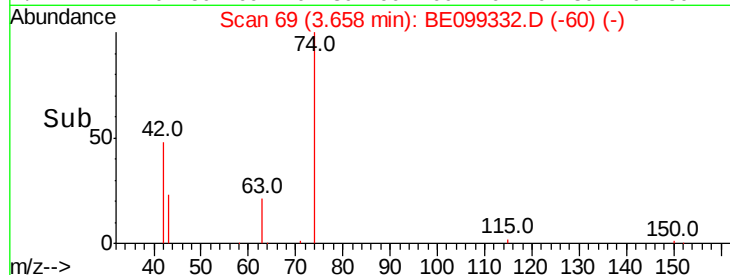
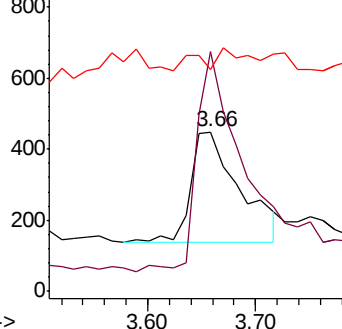
44 11.2 9.0 13.4



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: 0.369 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

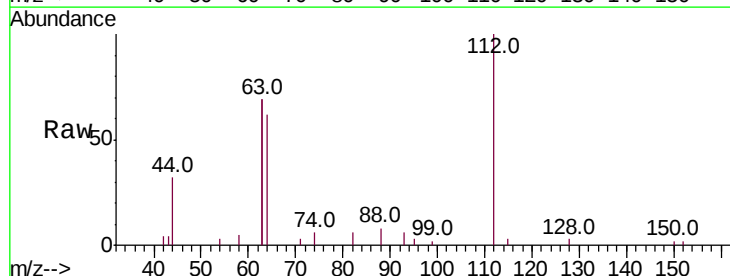
Tgt Ion:112 Resp: 3765

Ion Ratio Lower Upper

112 100

64 55.5 44.9 67.3

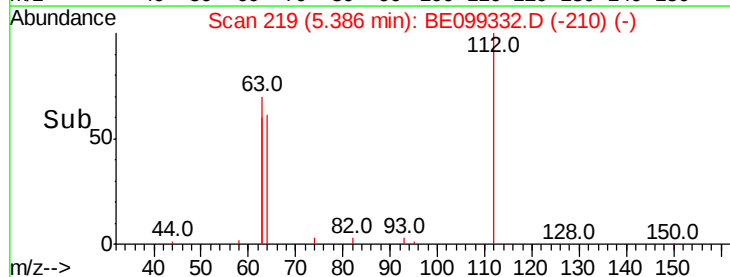
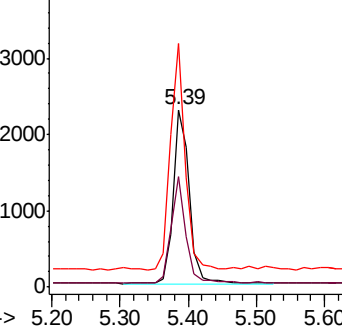
63 120.5 97.4 146.0

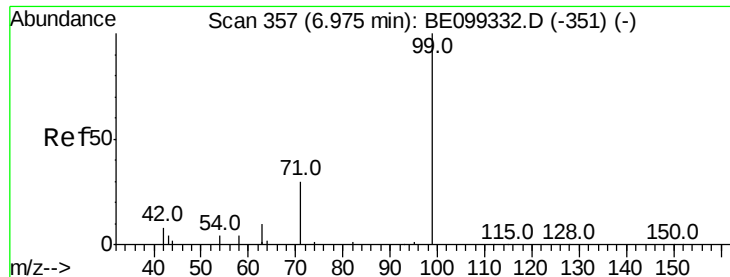


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

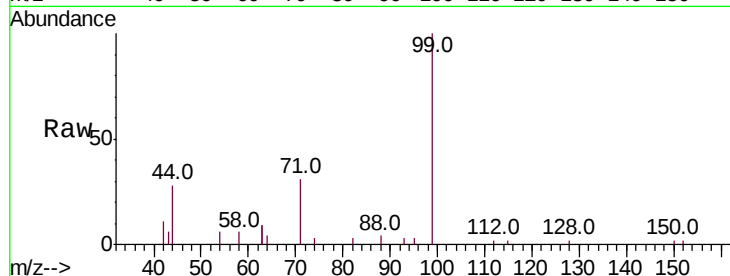
Tot Ion: 99 Resp: 5353

Ion Ratio Lower Upper

99 100

42 14.6 11.7 17.5

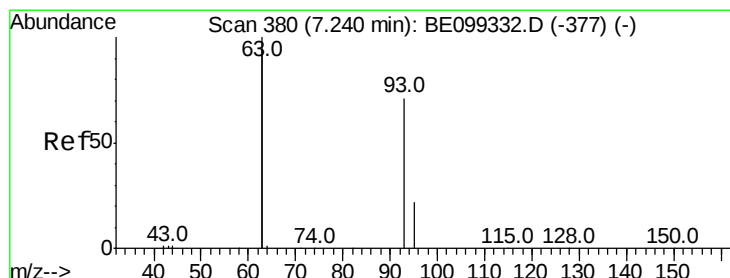
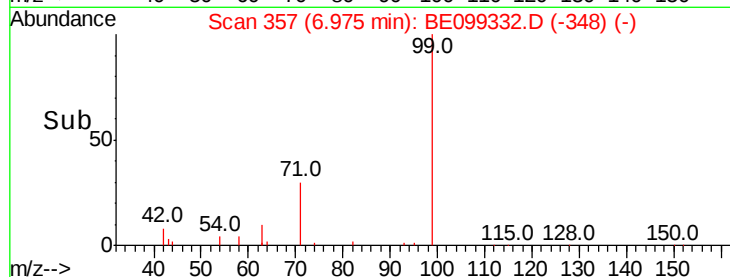
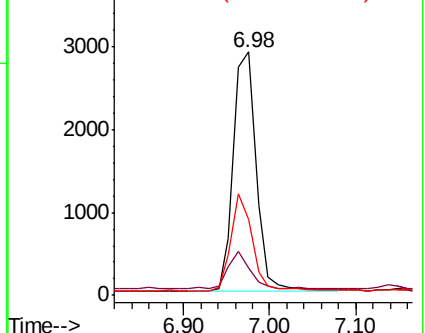
71 37.0 29.6 44.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

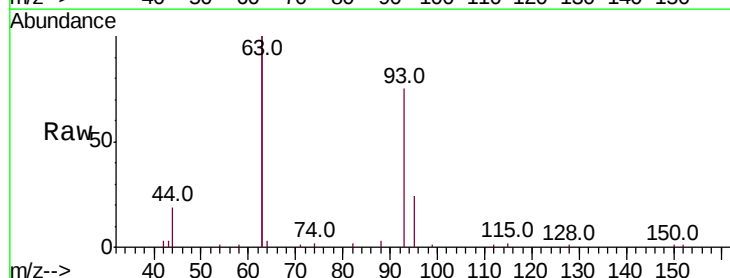
Tgt Ion: 93 Resp: 5207

Ion Ratio Lower Upper

93 100

63 270.7 216.6 324.8

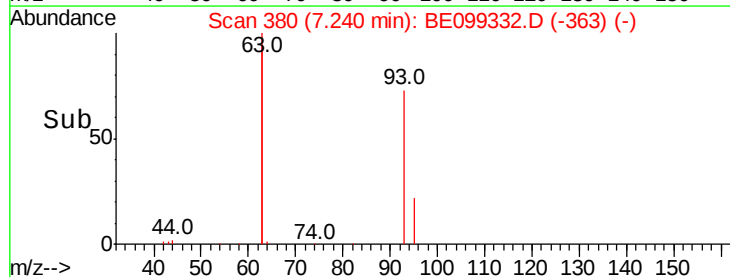
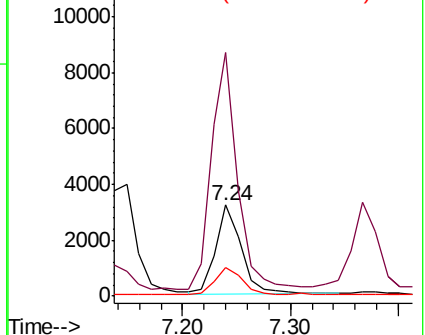
95 32.2 25.8 38.6

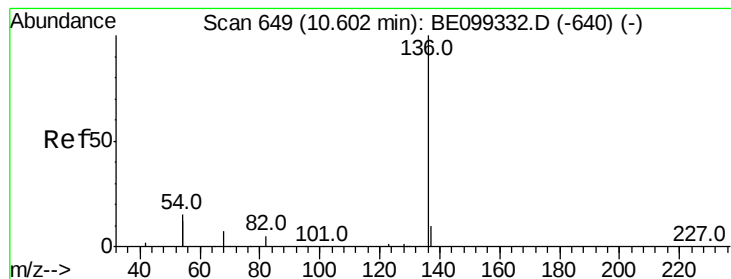


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 15146

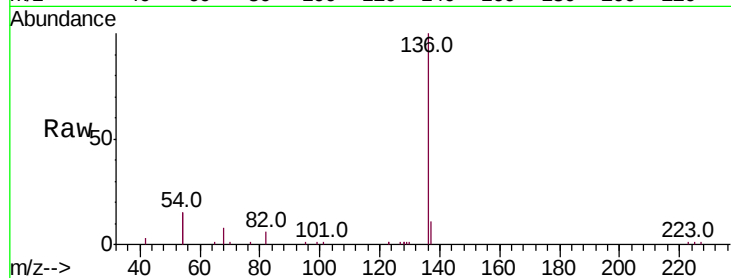
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 29.8 23.8 35.8

68 8.0 6.4 9.6

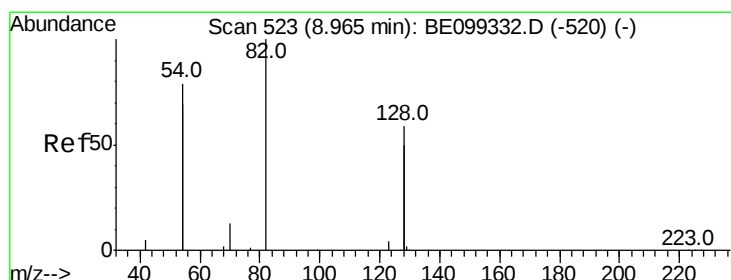
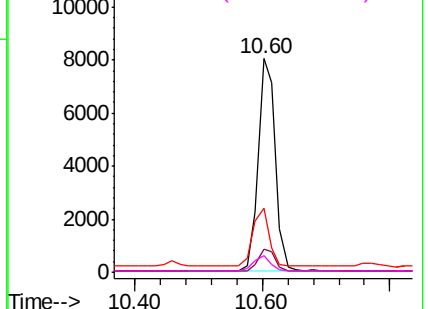
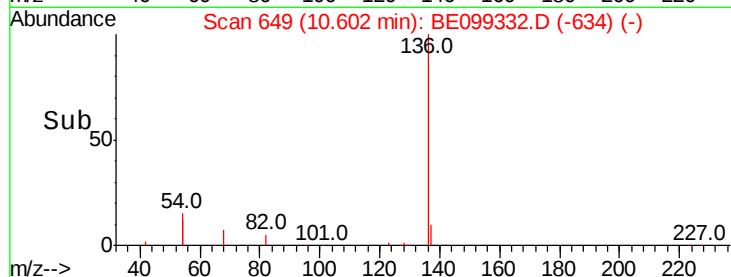


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

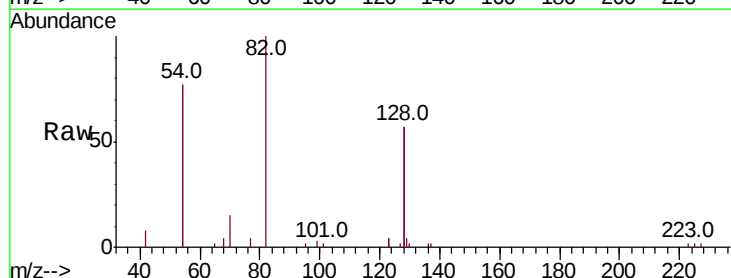
Tgt Ion: 82 Resp: 4448

Ion Ratio Lower Upper

82 100

128 114.6 91.7 137.5

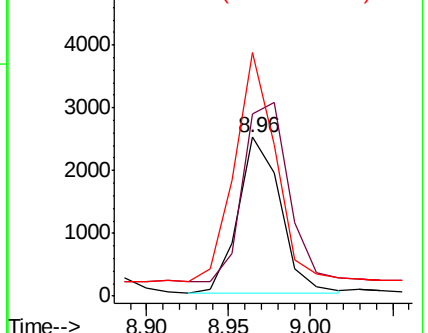
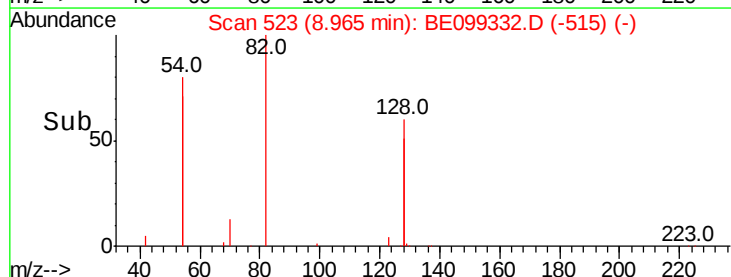
54 153.5 122.8 184.2

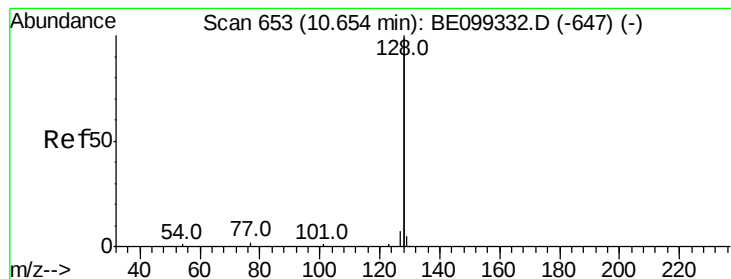


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

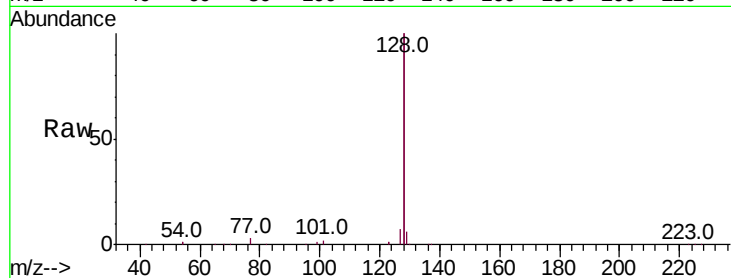
Tot Ion:128 Resp: 66452

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

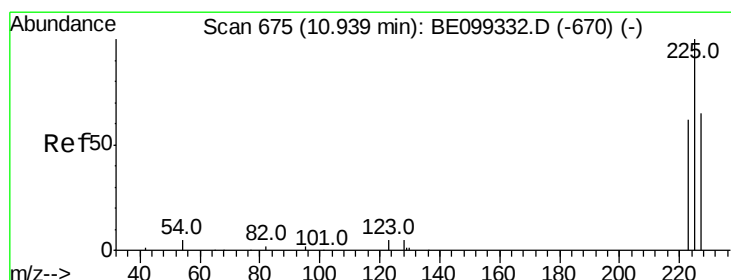
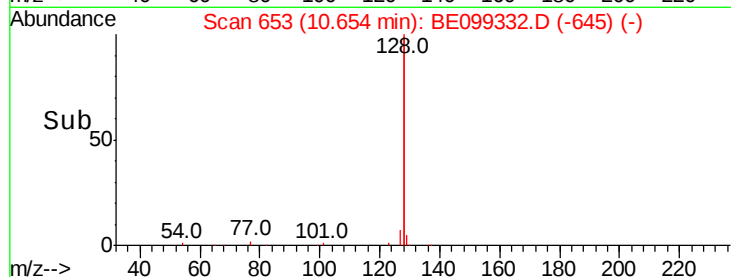
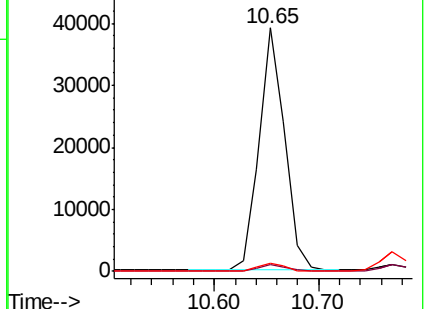
127 3.5 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.397 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

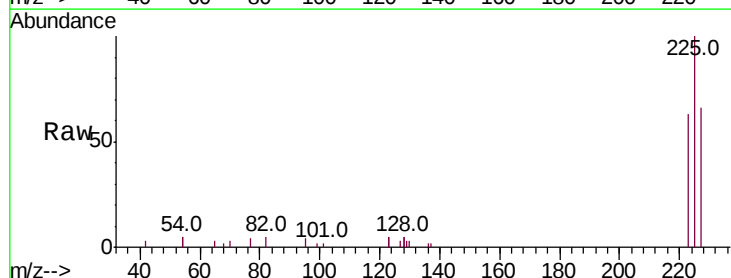
Tgt Ion:225 Resp: 4250

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

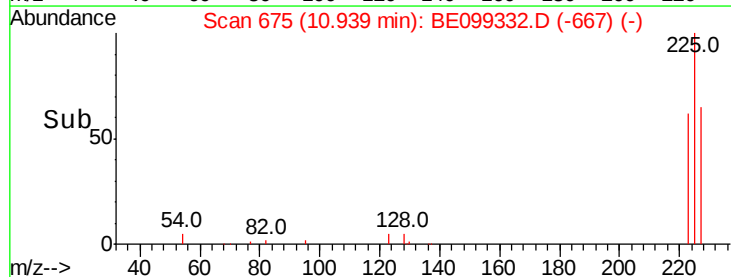
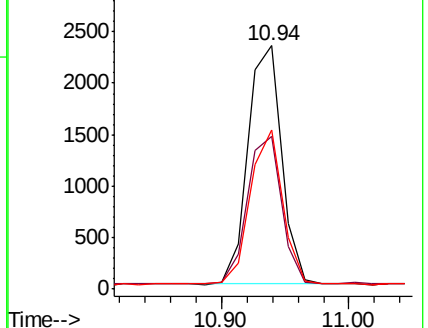
227 61.8 49.4 74.0

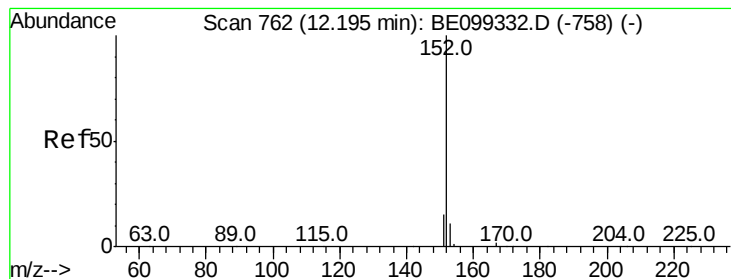


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

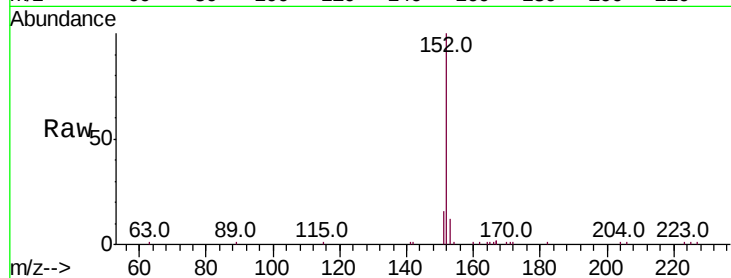
SSTDICCC0.4

Tot Ion:152 Resp: 10624

Ion Ratio Lower Upper

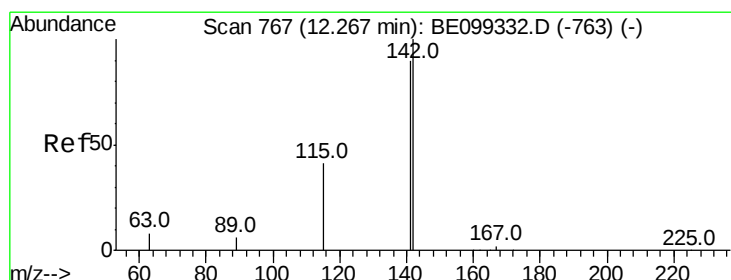
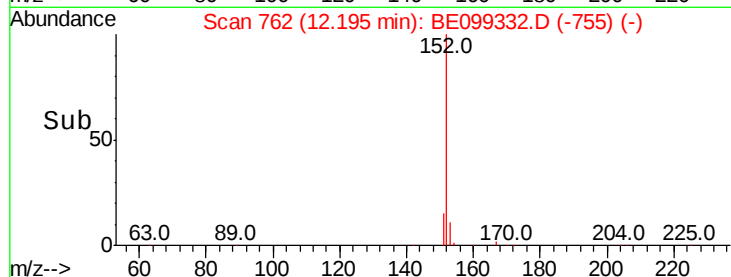
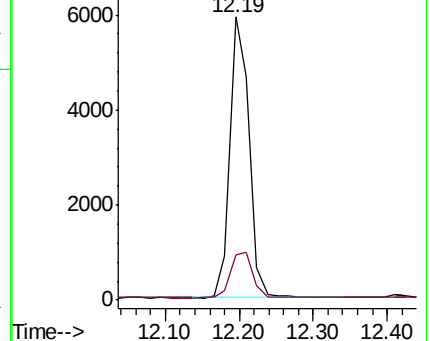
152 100

151 18.6 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

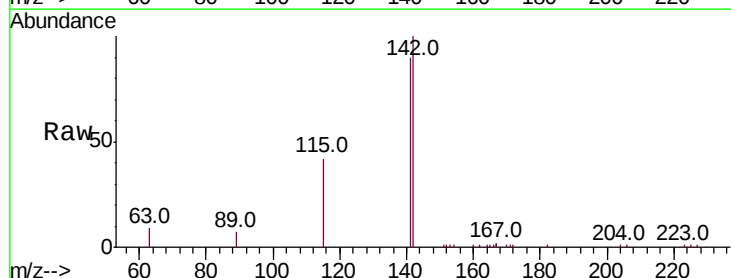
Tgt Ion:142 Resp: 11133

Ion Ratio Lower Upper

142 100

141 90.0 72.0 108.0

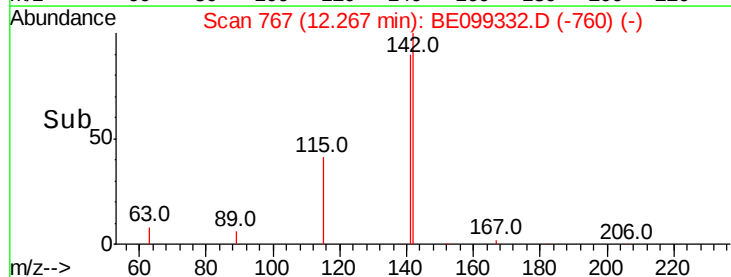
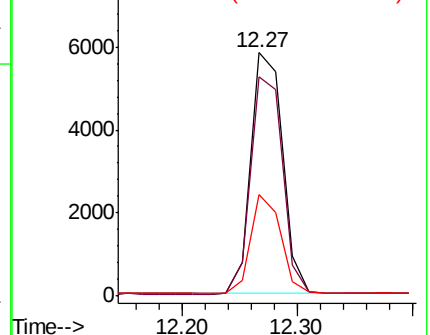
115 41.7 33.4 50.0

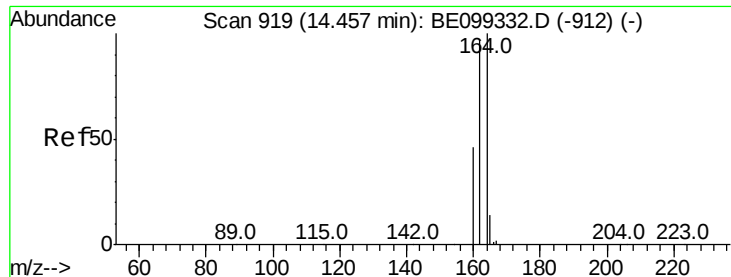


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

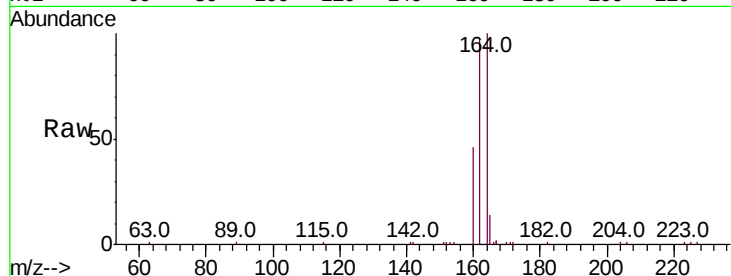




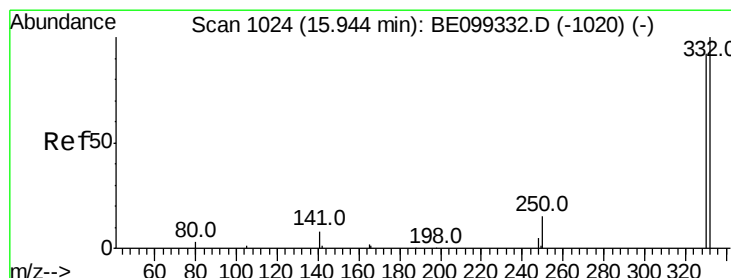
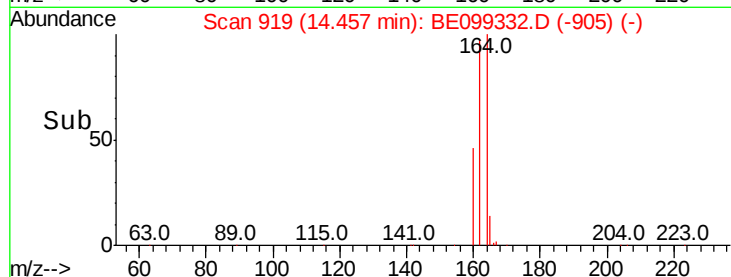
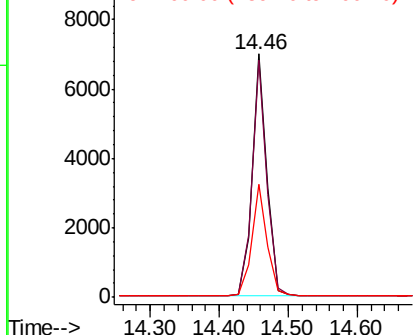
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 10365
Ion Ratio Lower Upper
164 100
162 97.2 77.8 116.6
160 46.4 37.1 55.7

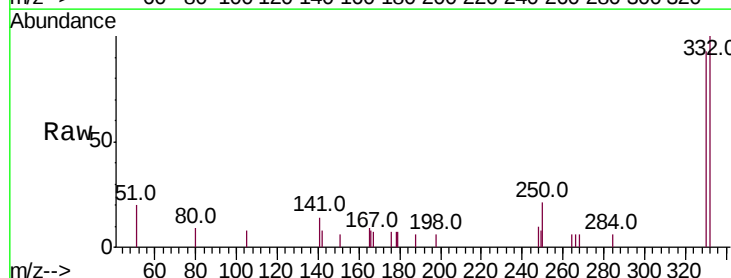


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

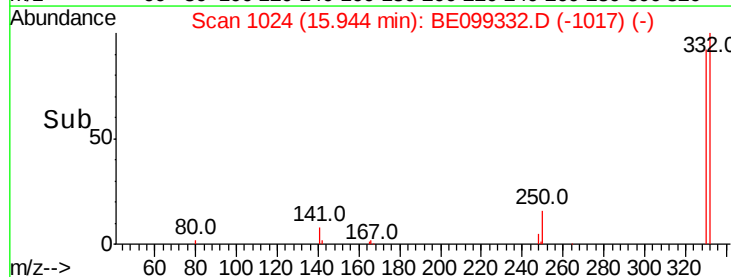
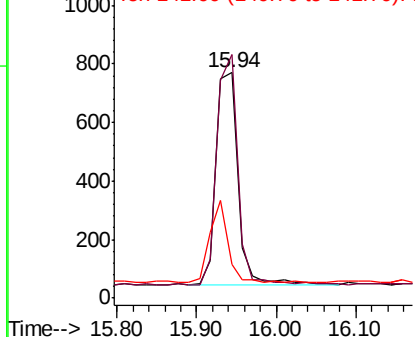


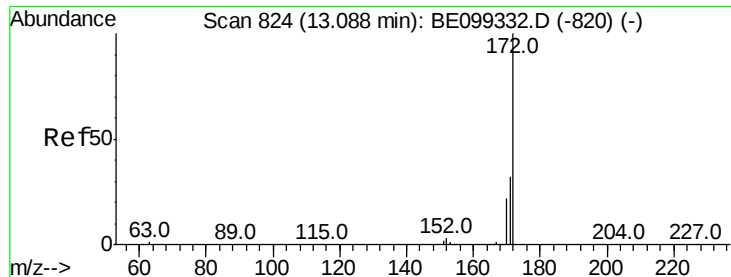
#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion:330 Resp: 1392
Ion Ratio Lower Upper
330 100
332 104.2 82.5 123.7
141 31.7 24.9 37.3



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

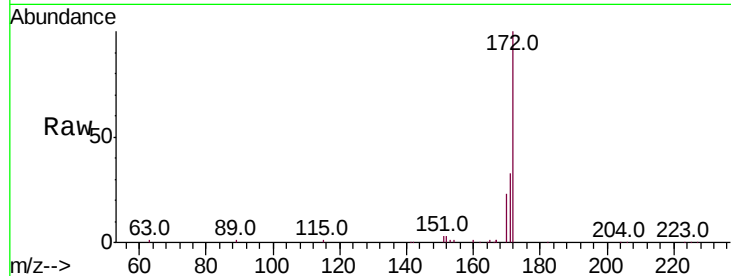




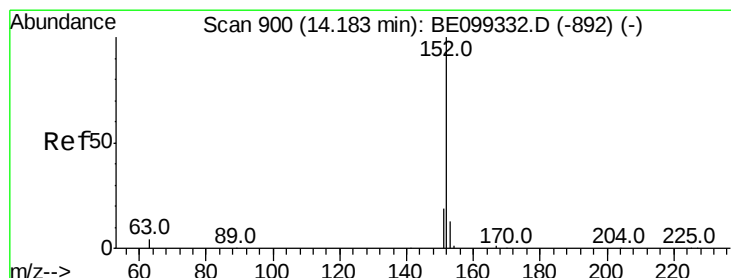
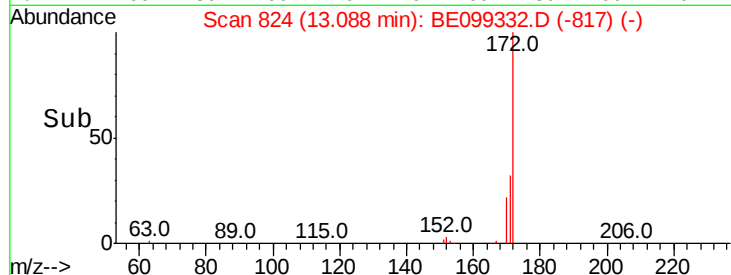
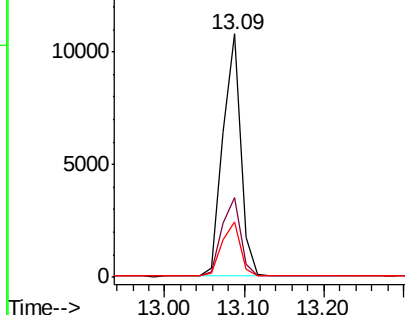
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 16854
Ion Ratio Lower Upper
172 100
171 32.7 26.2 39.2
170 22.6 18.1 27.1

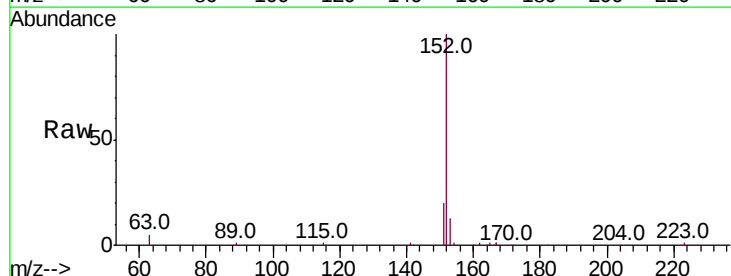


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

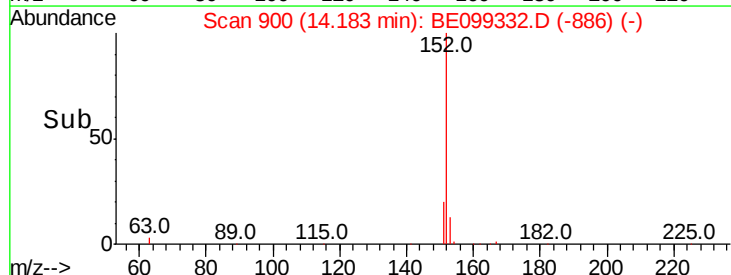
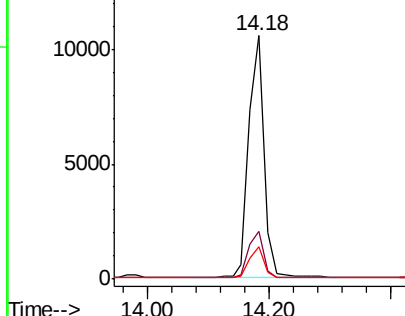


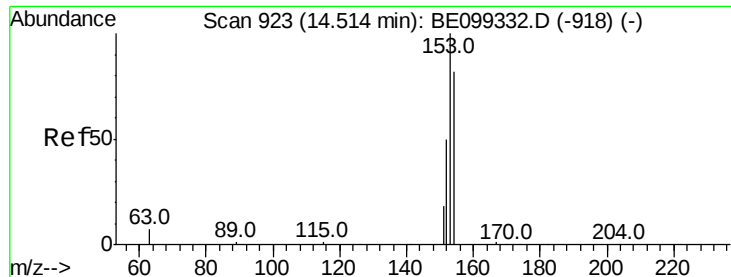
#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion:152 Resp: 18351
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 12.7 10.2 15.4



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

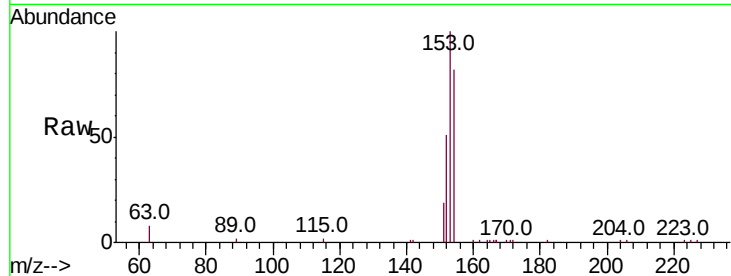




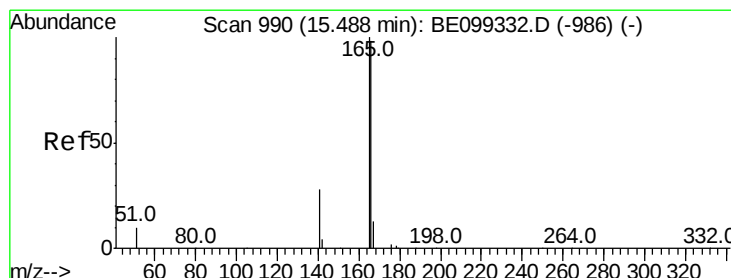
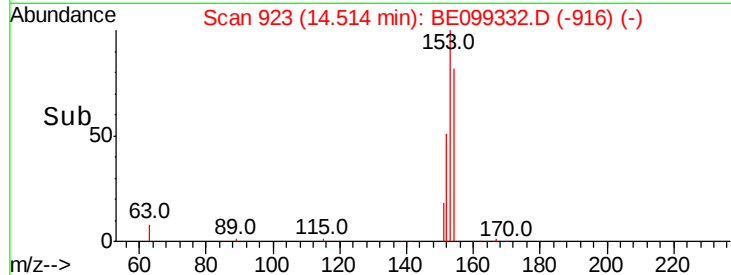
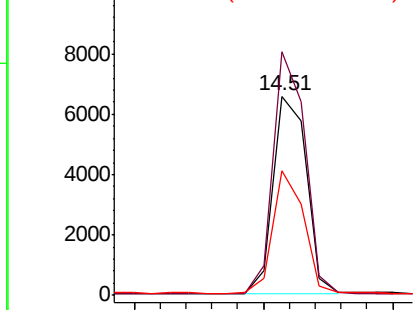
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:154 Resp: 11693
Ion Ratio Lower Upper
154 100
153 118.4 94.7 142.1
152 58.0 46.4 69.6

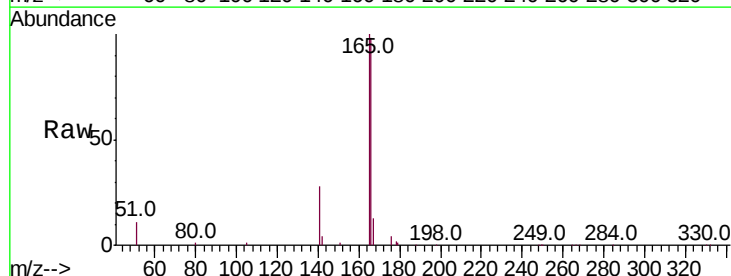


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

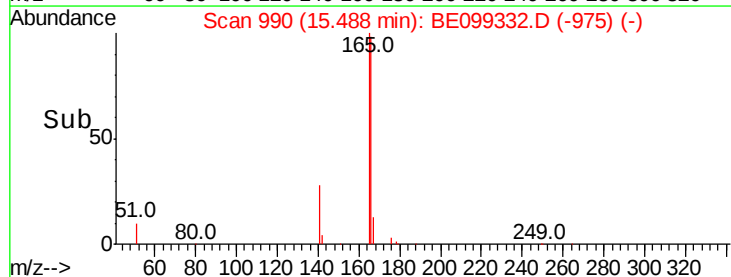
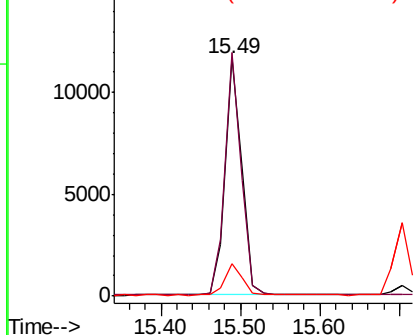


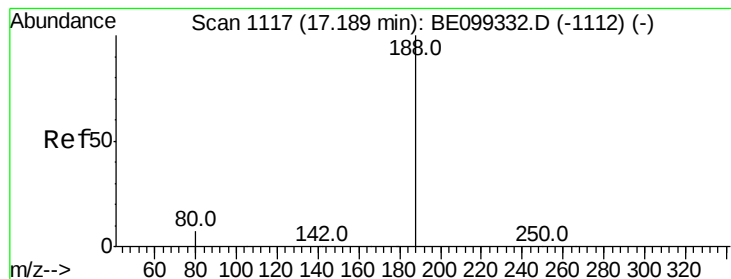
#18
Fluorene
Concen: 0.406 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion:166 Resp: 16980
Ion Ratio Lower Upper
166 100
165 99.6 79.7 119.5
167 13.7 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: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

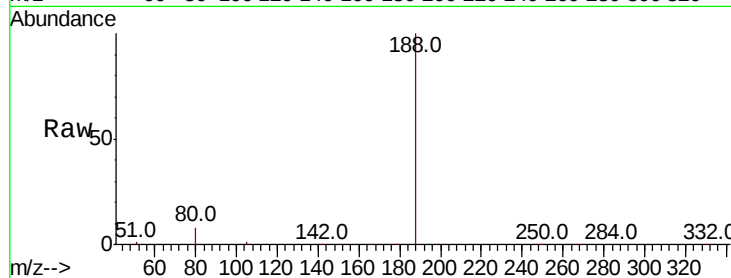
Tot Ion:188 Resp: 30377

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

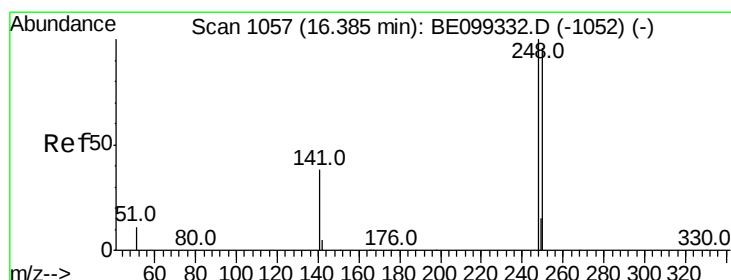
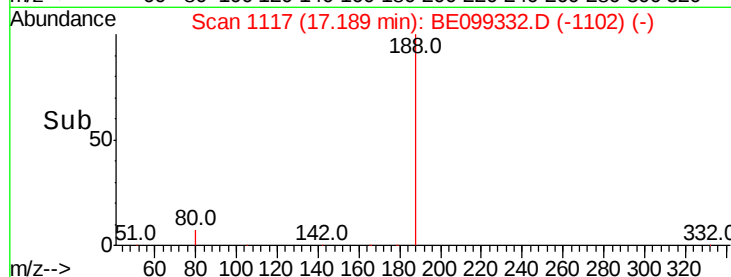
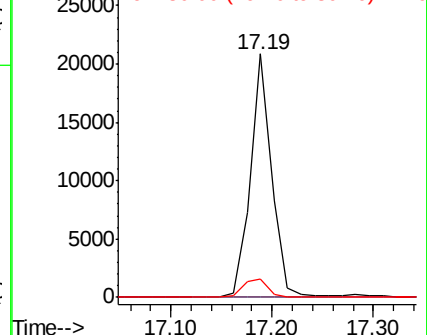
80 7.8 6.2 9.4



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



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

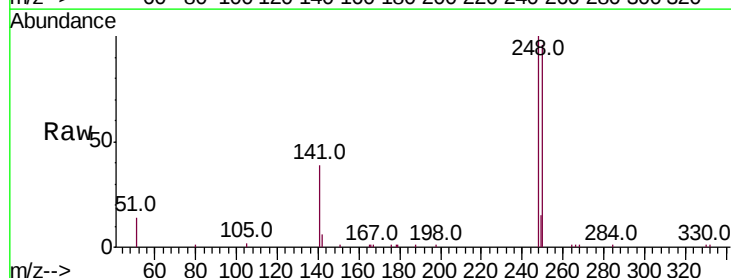
Tgt Ion:248 Resp: 6793

Ion Ratio Lower Upper

248 100

250 96.3 77.0 115.6

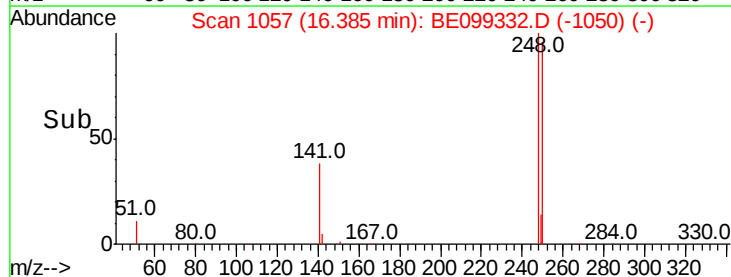
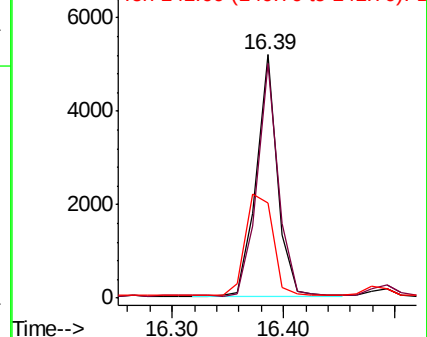
141 38.9 31.1 46.7

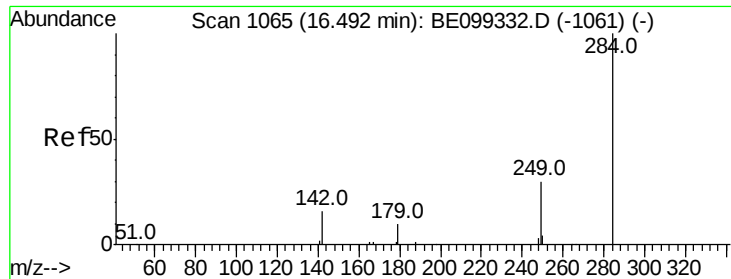


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

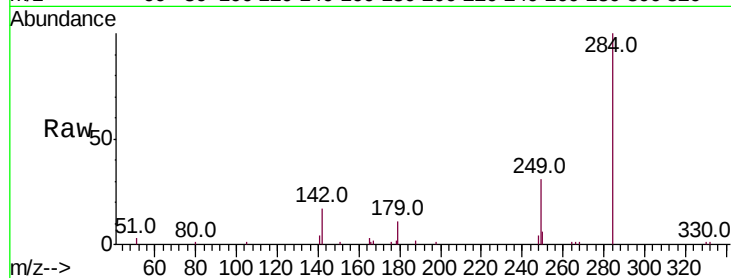




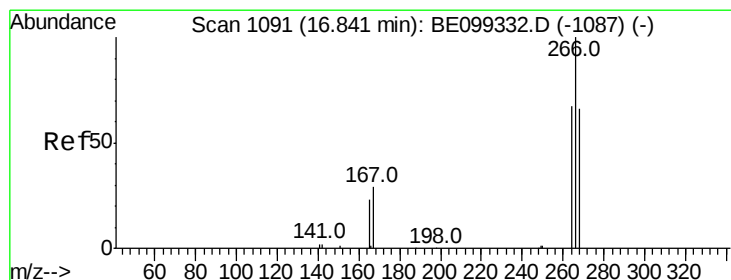
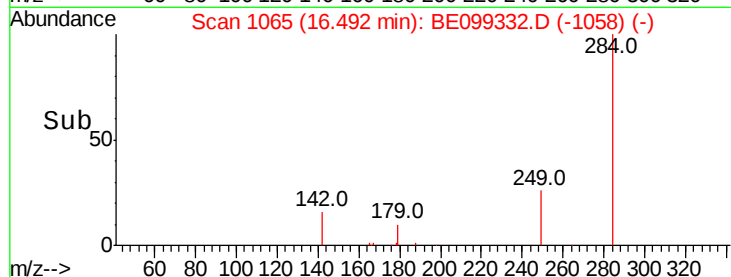
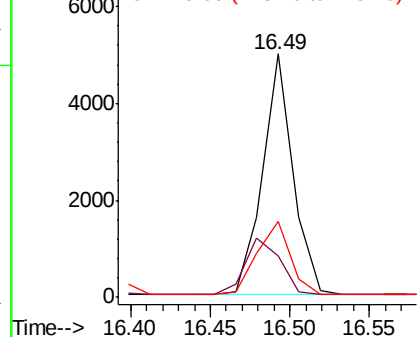
#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 6690
Ion Ratio Lower Upper
284 100
142 27.2 21.8 32.6
249 32.9 26.2 39.4

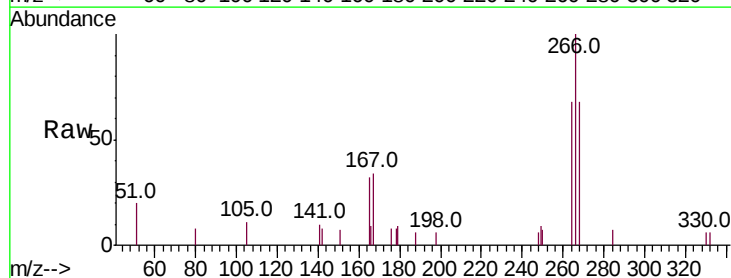


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

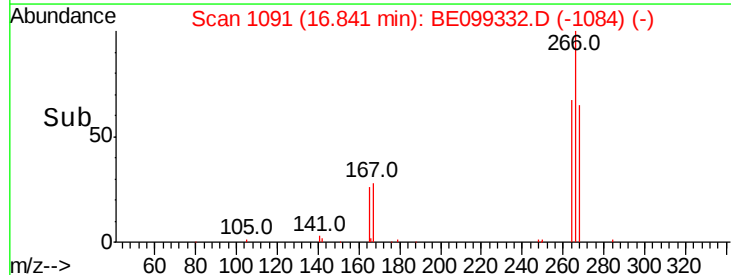
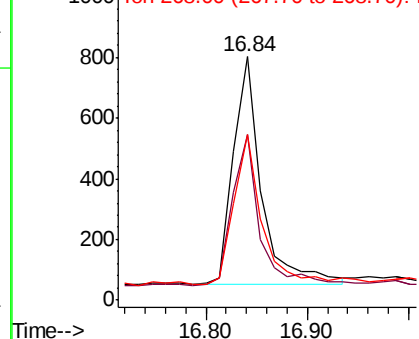


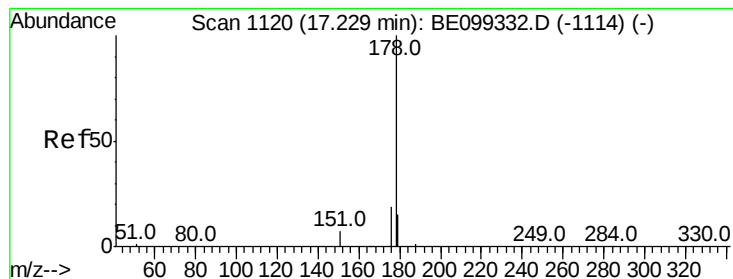
#22
Pentachlorophenol
Concen: 0.211 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion:266 Resp: 1439
Ion Ratio Lower Upper
266 100
264 68.1 54.5 81.7
268 67.9 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: 0.416 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

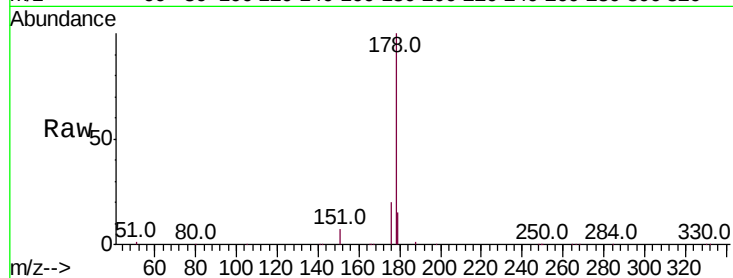
Tot Ion:178 Resp: 32708

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

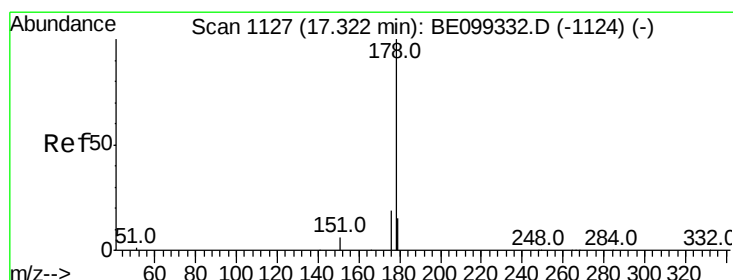
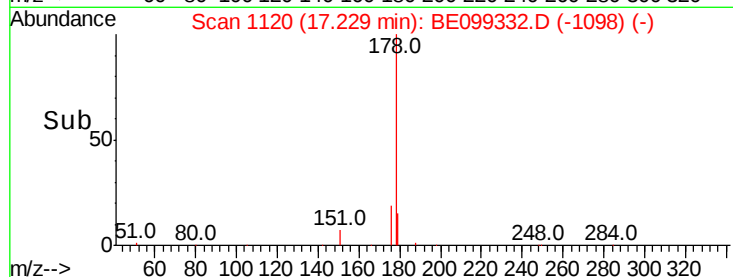
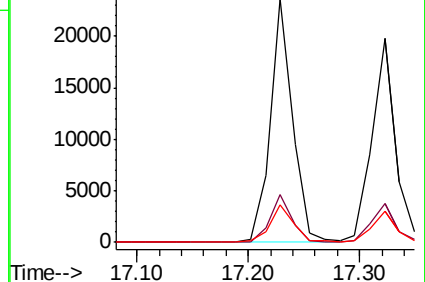
179 15.5 12.4 18.6



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: 0.386 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

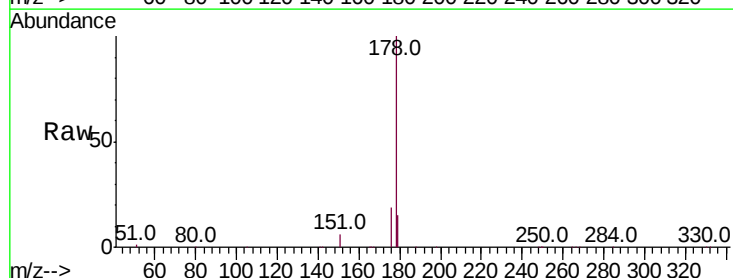
Tgt Ion:178 Resp: 28593

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

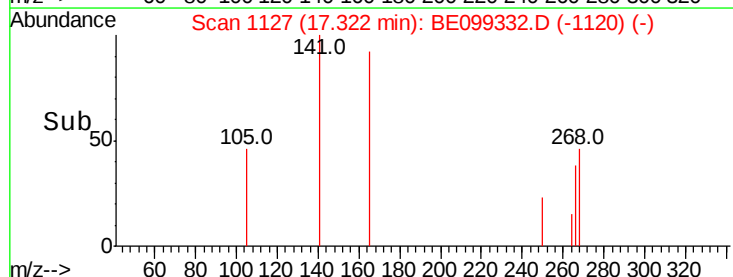
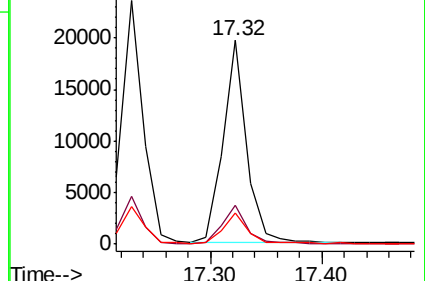
179 14.9 11.9 17.9

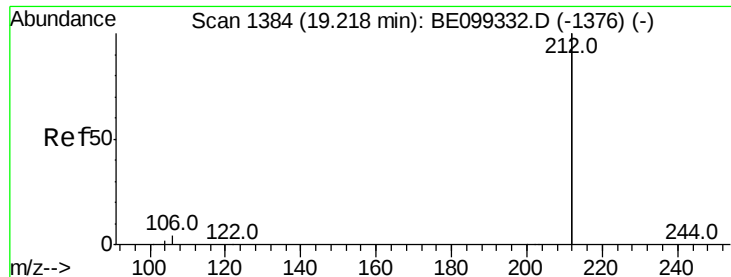


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

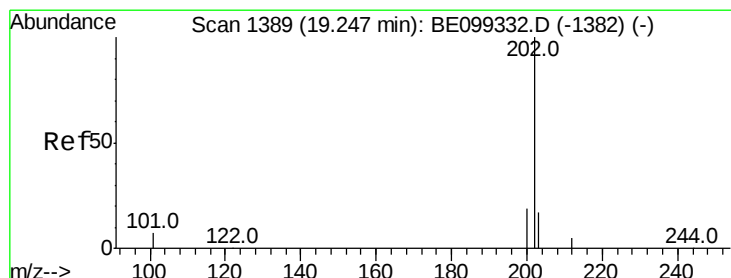
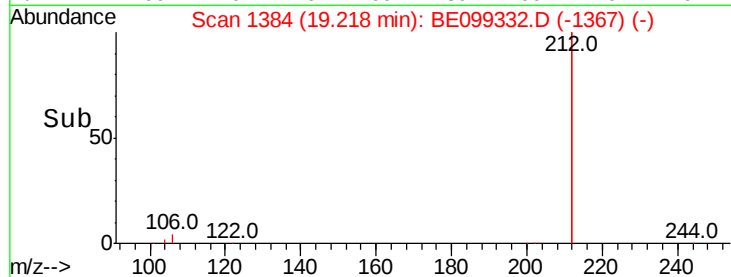
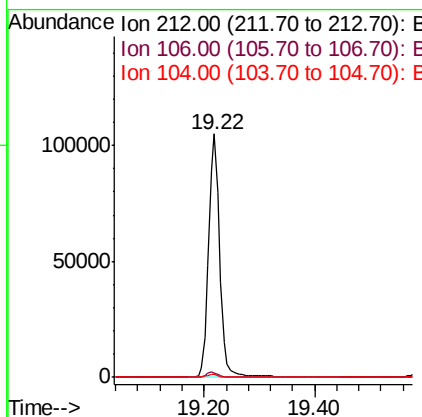
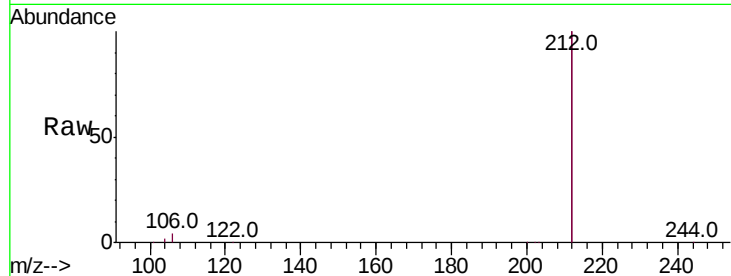




#25
 Fluoranthene-d10
 Concen: 0.361 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BE099332.D
 Acq: 18 Apr 2019 10:27

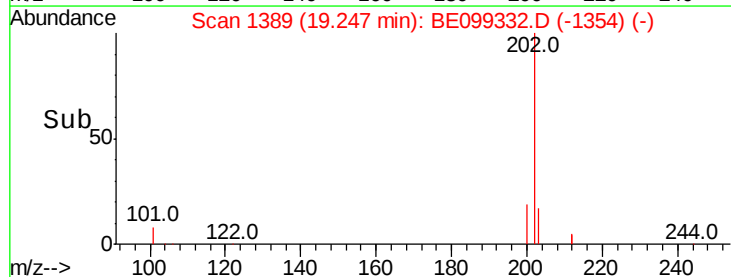
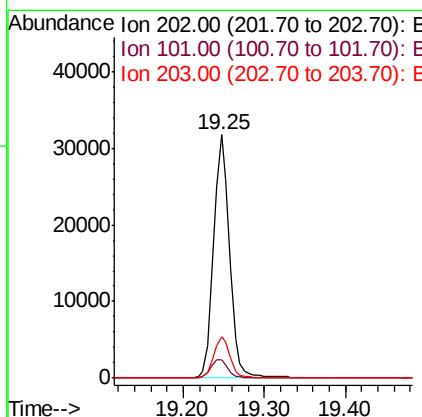
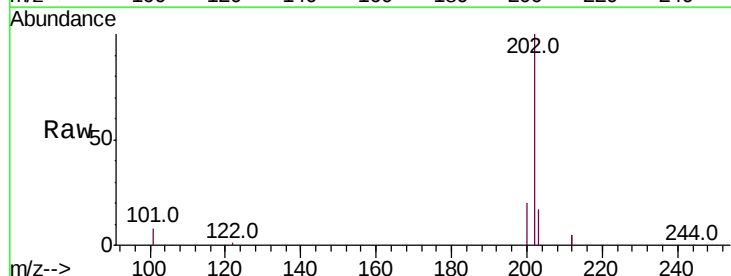
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

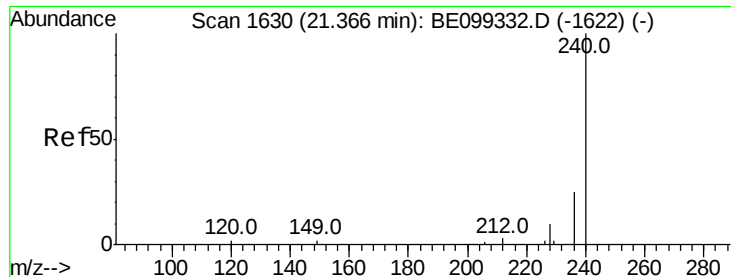
Tot Ion:212 Resp: 144646
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.6
 104 1.2 1.0 1.4



#26
 Fluoranthene
 Concen: 0.369 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE099332.D
 Acq: 18 Apr 2019 10:27

Tgt Ion:202 Resp: 42839
 Ion Ratio Lower Upper
 202 100
 101 8.0 6.4 9.6
 203 16.9 13.5 20.3

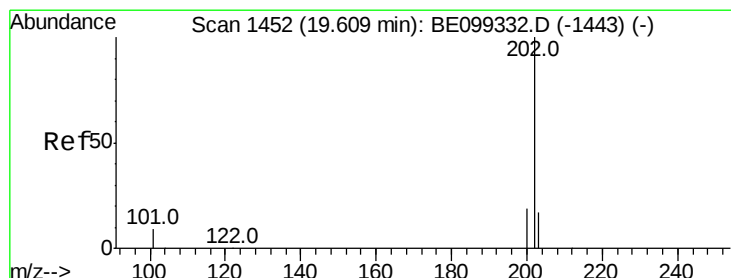
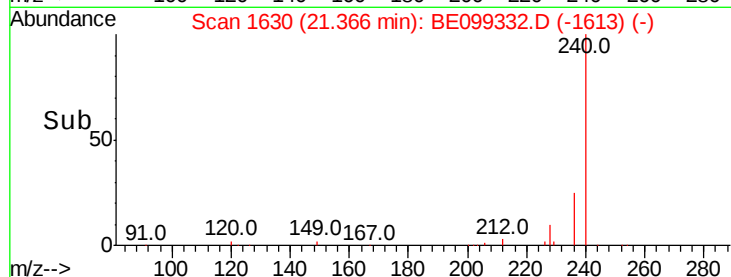
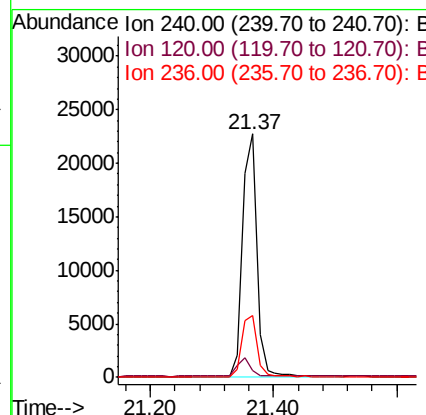
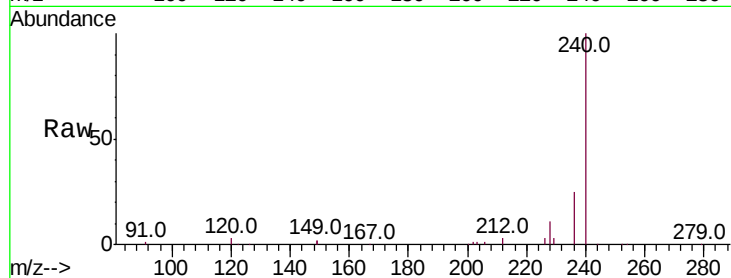




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

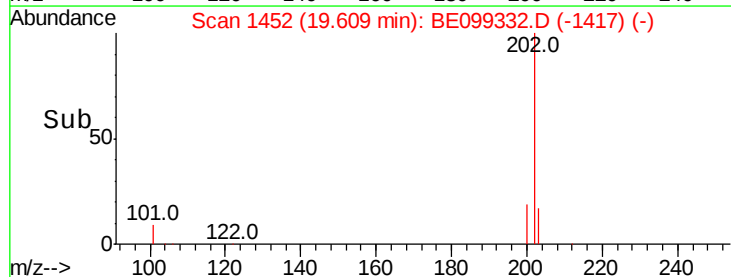
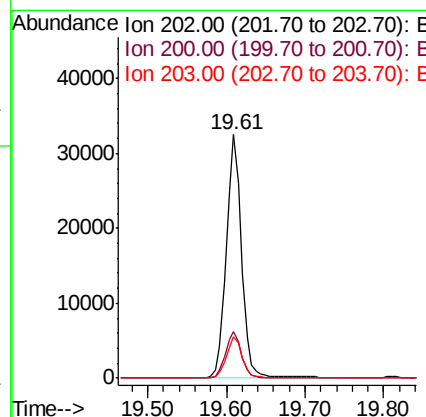
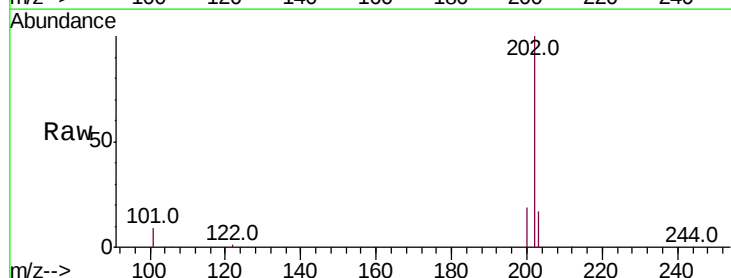
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

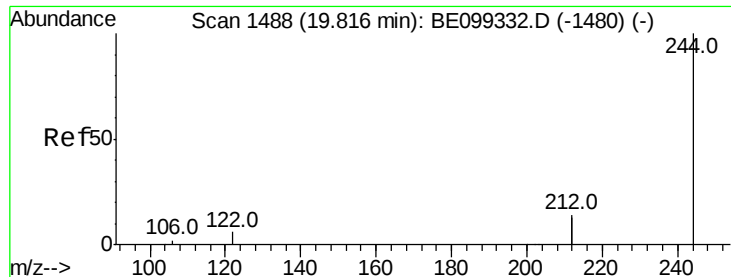
Tot Ion:240 Resp: 36007
Ion Ratio Lower Upper
240 100
120 2.7 2.2 3.2
236 25.3 20.2 30.4



#28
Pyrene
Concen: 0.456 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion:202 Resp: 43355
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.1 13.7 20.5





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

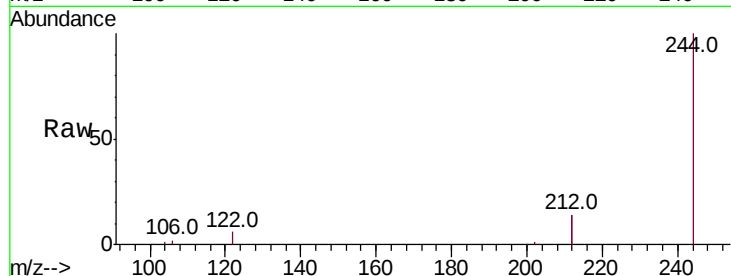
Tot Ion:244 Resp: 28757

Ion Ratio Lower Upper

244 100

212 28.2 22.6 33.8

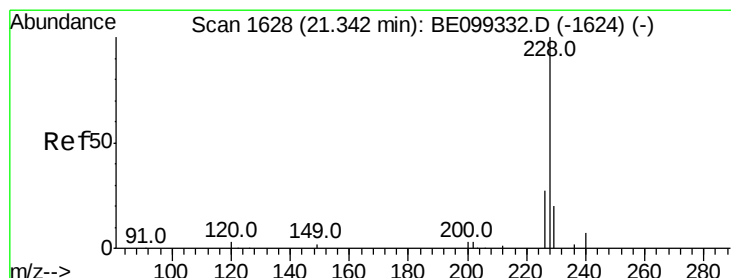
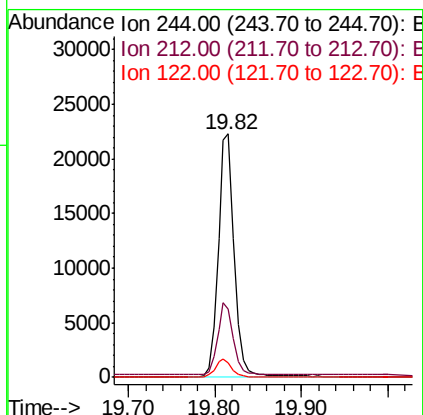
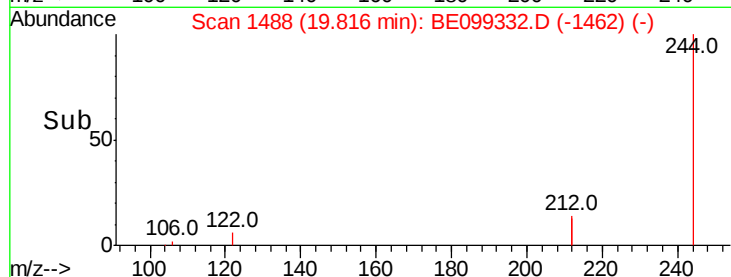
122 5.8 4.6 7.0



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: 0.357 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

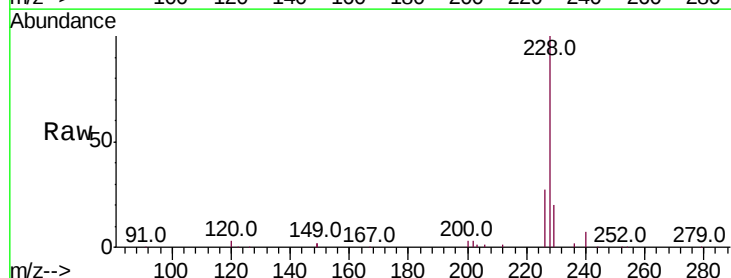
Tgt Ion:228 Resp: 40504

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

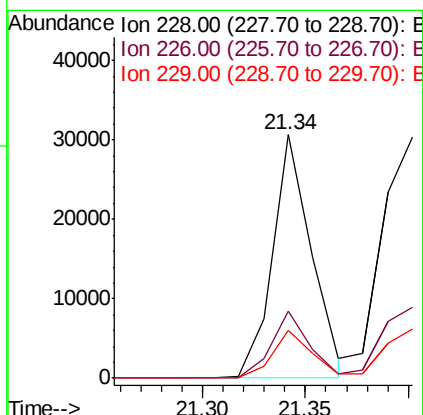
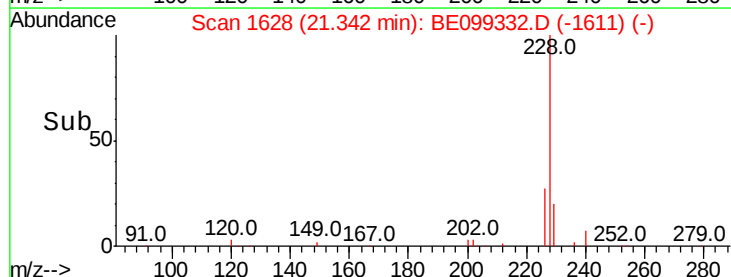
229 19.8 15.8 23.8

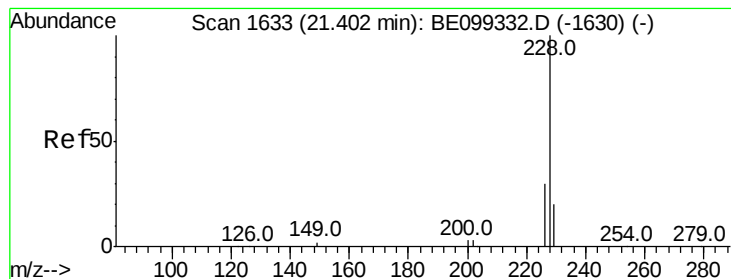


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.420 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

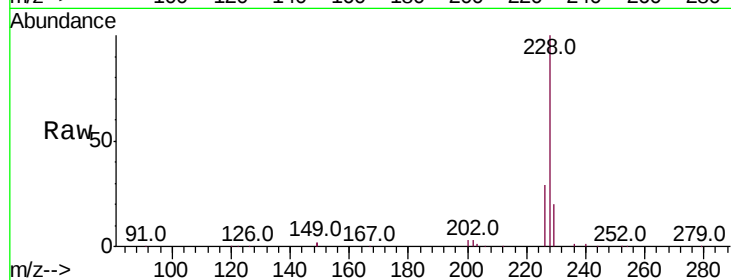
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 46717

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	20.2	16.2	24.2

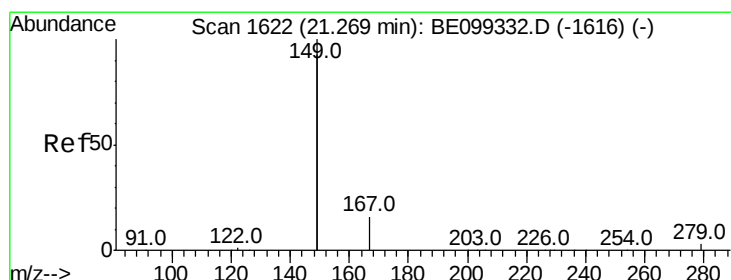
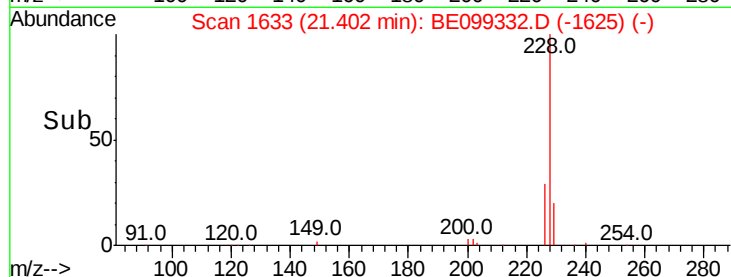
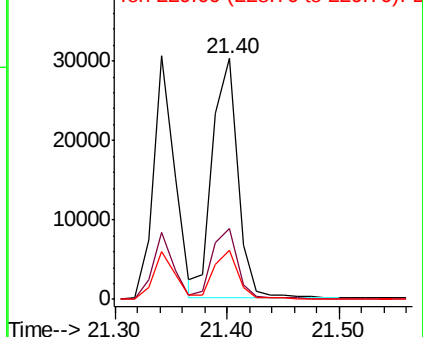


Abundance

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: 0.228 ng

RT: 21.27 min Scan# 1622

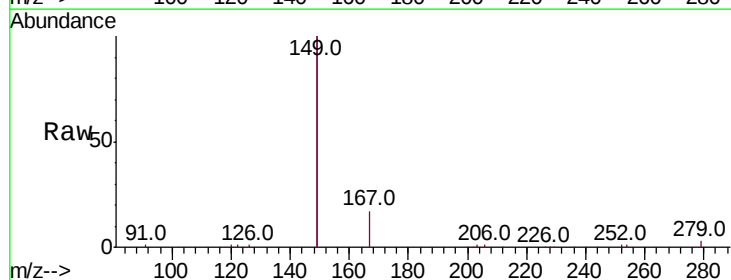
Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Tgt Ion:149 Resp: 32917

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.4	1.1	1.7

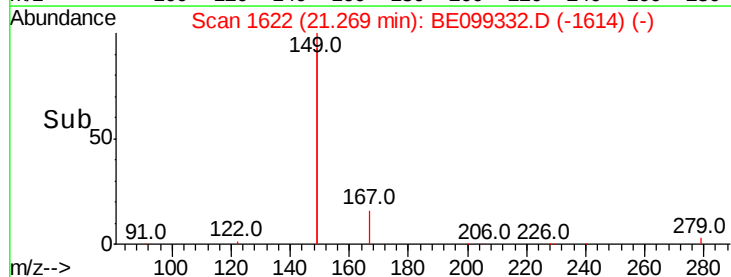
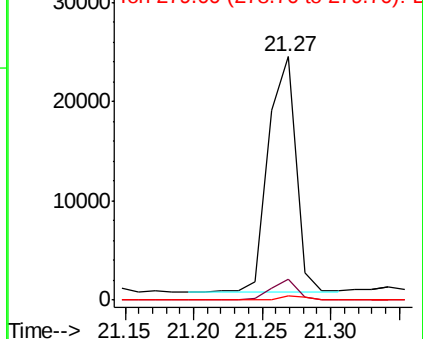


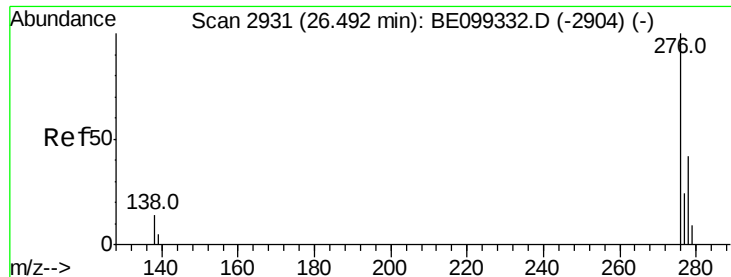
Abundance

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: 0.350 ng

RT: 26.49 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

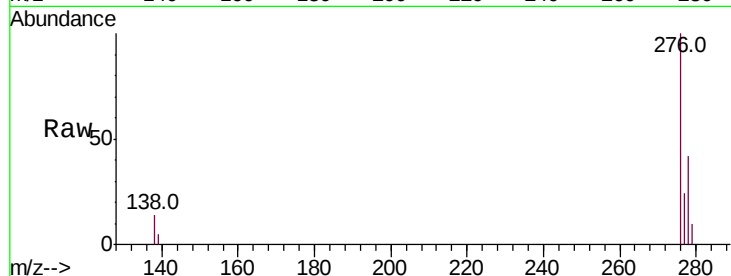
Tot Ion:276 Resp: 44448

Ion Ratio Lower Upper

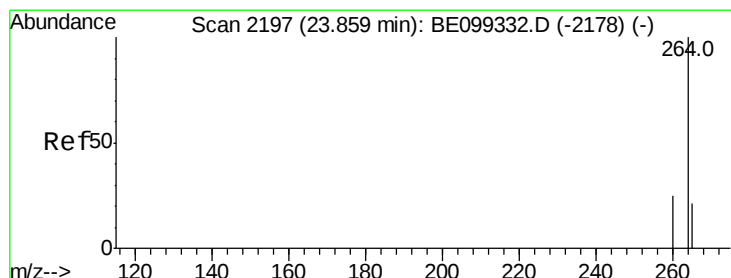
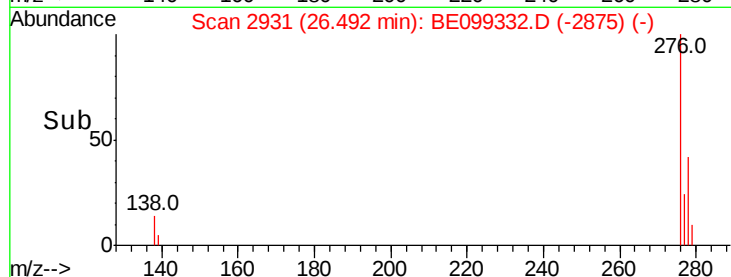
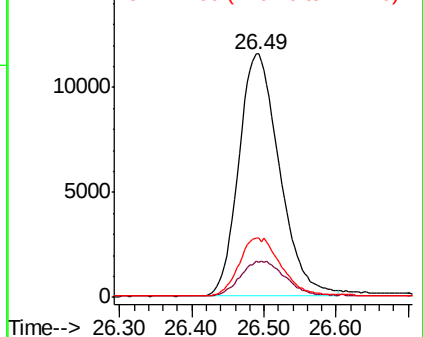
276 100

138 15.9 12.7 19.1

277 24.5 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: 23.86 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

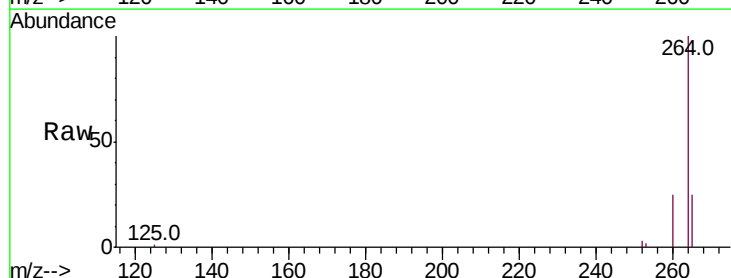
Tgt Ion:264 Resp: 33112

Ion Ratio Lower Upper

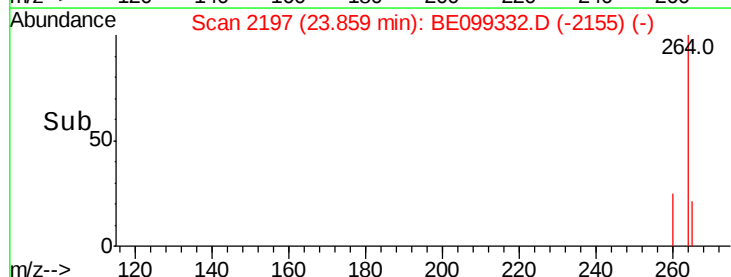
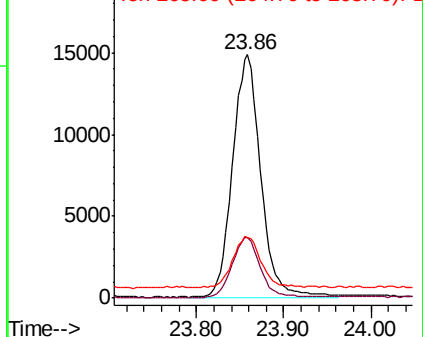
264 100

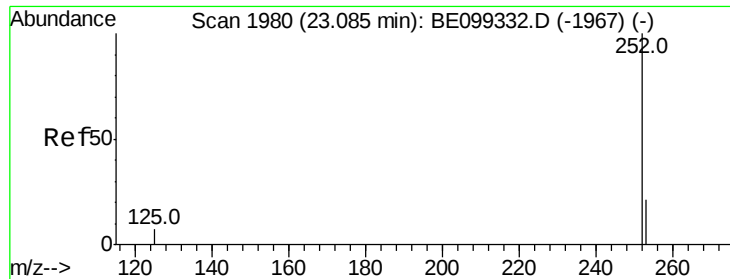
260 25.1 20.1 30.1

265 24.9 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

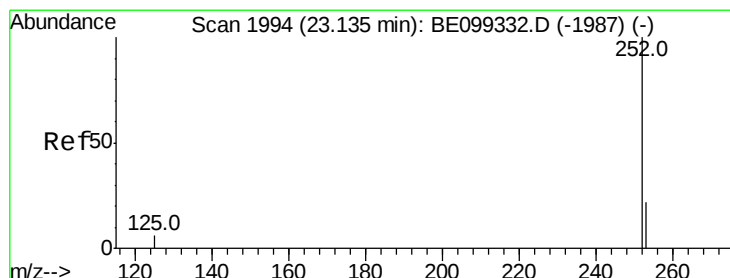
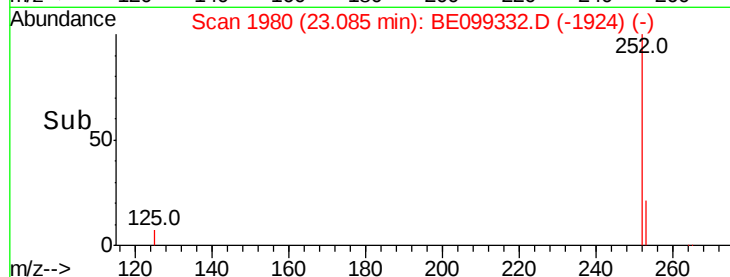
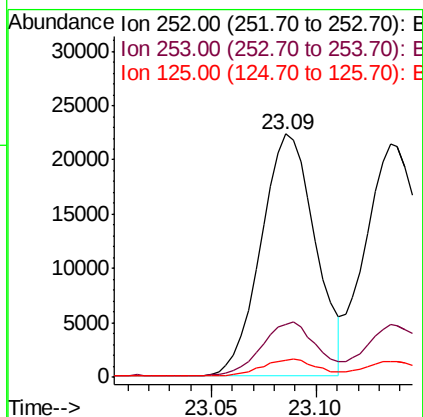
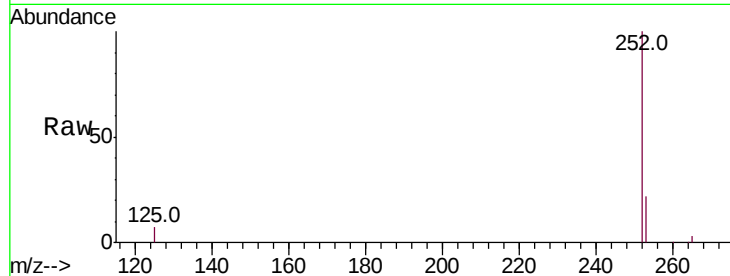




#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.09 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

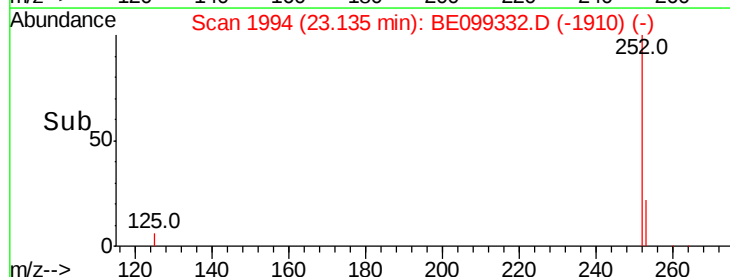
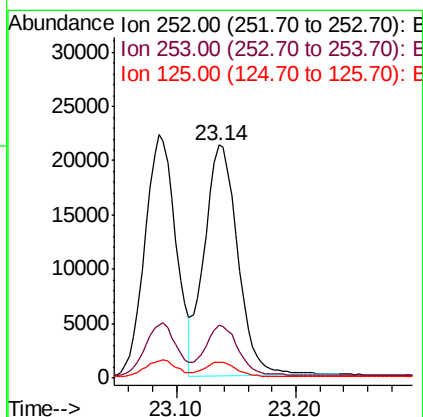
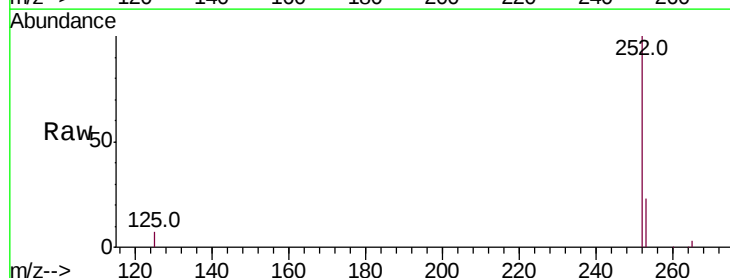
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

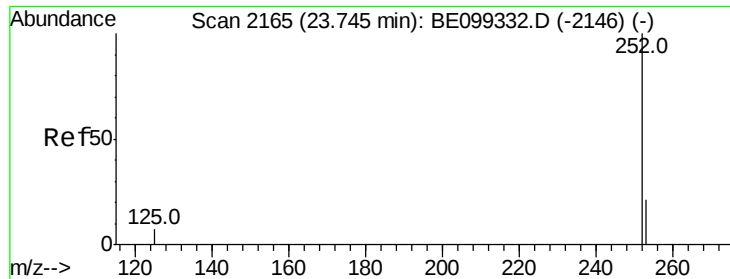
Tot Ion:252 Resp: 40299
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 7.2 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.428 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE099332.D
Acq: 18 Apr 2019 10:27

Tgt Ion:252 Resp: 41124
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.7 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.74 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

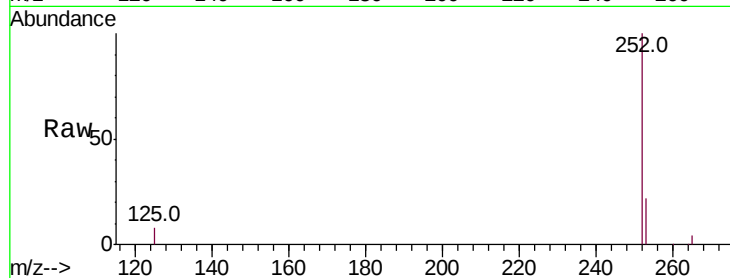
Tot Ion:252 Resp: 36212

Ion Ratio Lower Upper

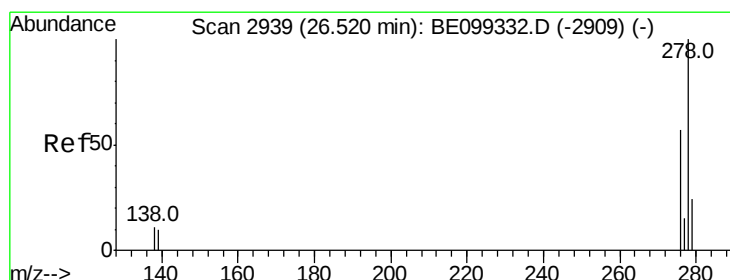
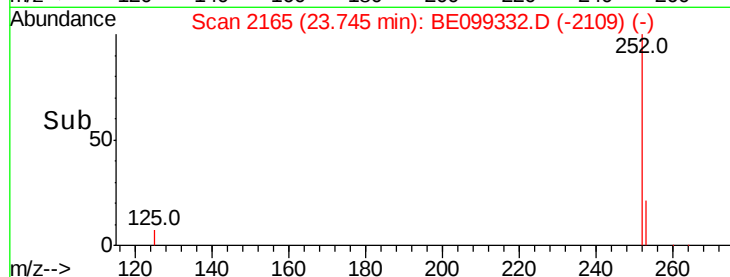
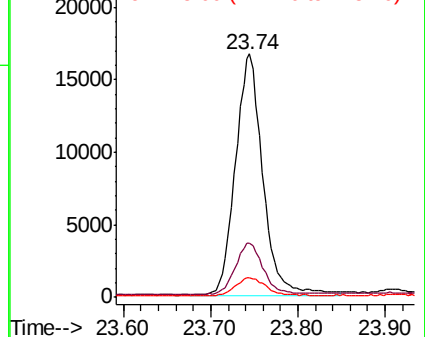
252 100

253 22.0 17.6 26.4

125 8.1 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: 0.401 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

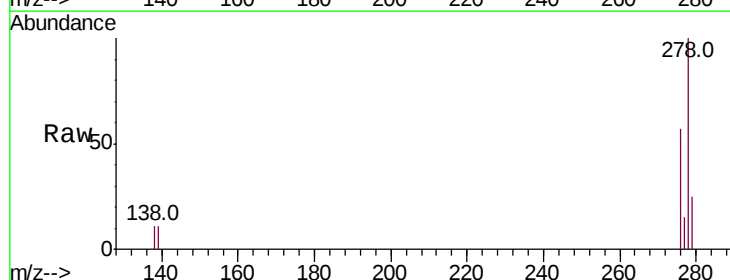
Tgt Ion:278 Resp: 37030

Ion Ratio Lower Upper

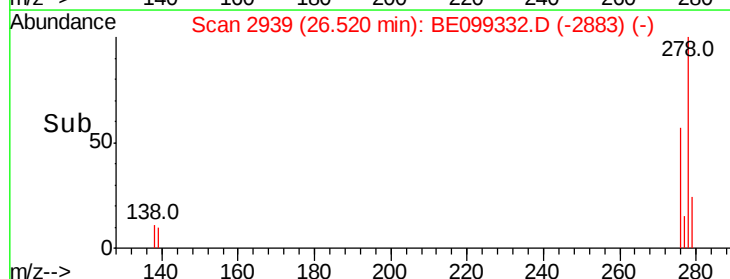
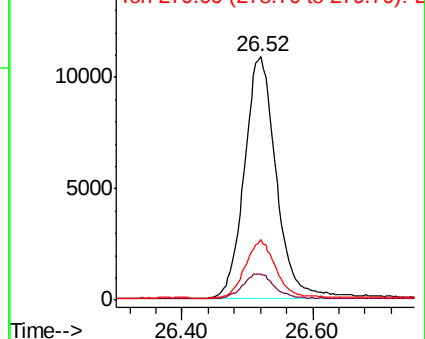
278 100

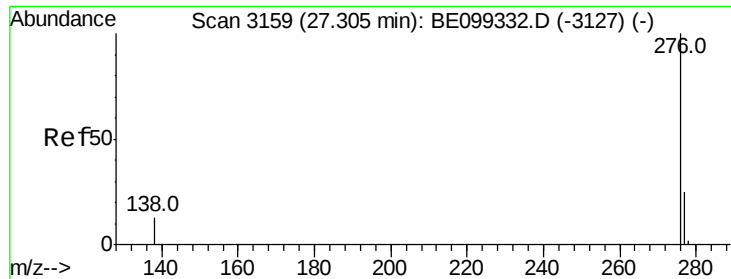
139 10.6 8.5 12.7

279 24.8 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: 0.411 ng

RT: 27.31 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE099332.D

Acq: 18 Apr 2019 10:27

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

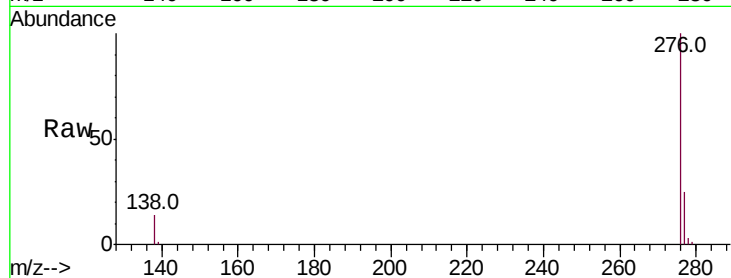
Tot Ion:276 Resp: 37806

Ion Ratio Lower Upper

276 100

277 25.0 20.0 30.0

138 13.9 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

