

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099388.D
 Acq On : 26 Apr 2019 21:43
 Operator : JU/SJ
 Sample : DSSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 27 05:08:21 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	3828	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15555	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10749	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	27368	0.40	ng	0.00
27) Chrysene-d12	21.37	240	33987	0.40	ng	0.00
34) Perylene-d12	23.87	264	35035	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	4568	0.49	ng	0.01
5) Phenol-d6	6.97	99	6615	0.50	ng	0.00
8) Nitrobenzene-d5	8.96	82	5943	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	11117	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2331	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	17057	0.40	ng	0.00
25) Fluoranthene-d10	19.22	212	136678	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	27513	0.41	ng	0.00

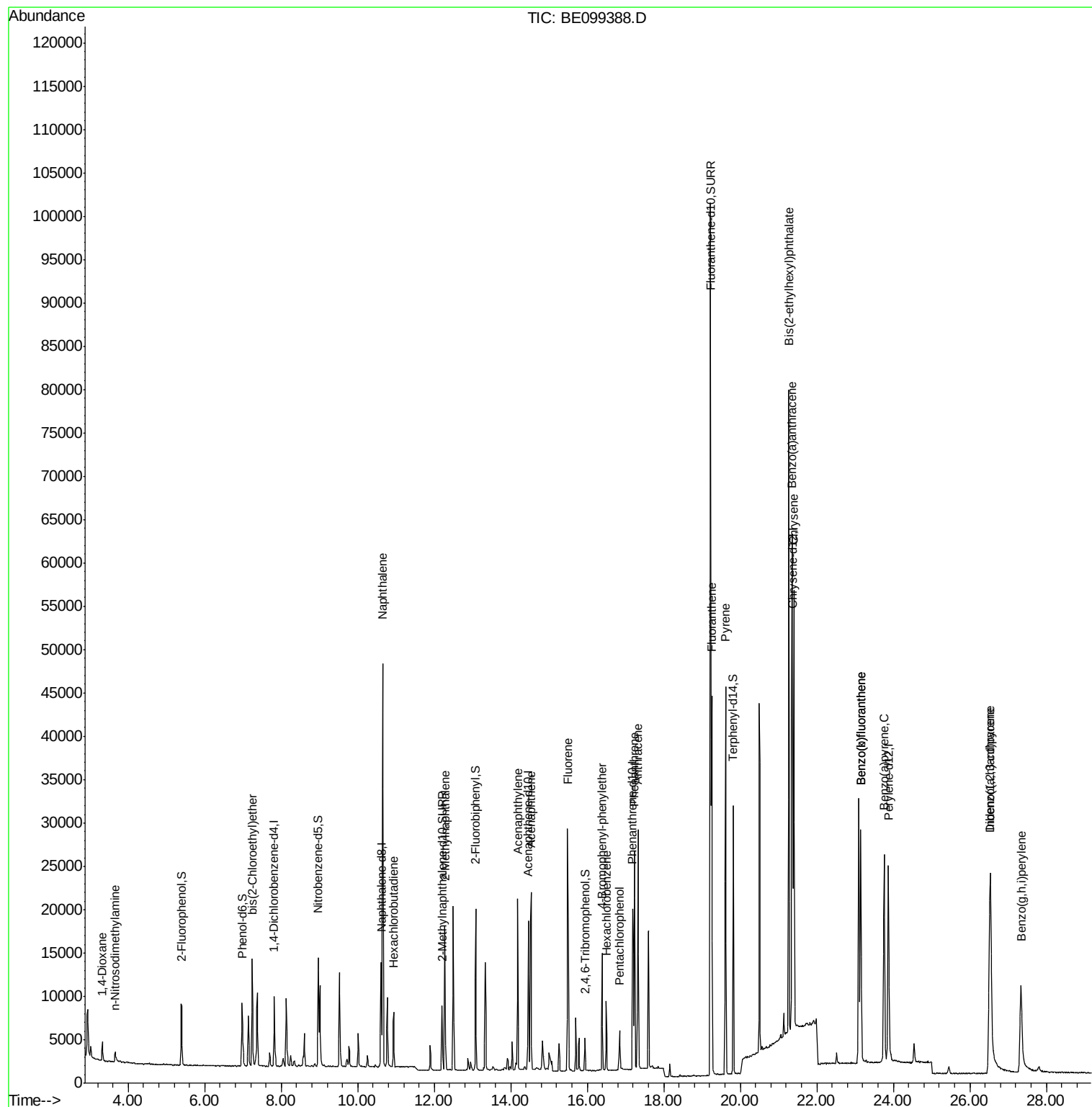
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1716	0.320	ng	# 94
3) n-Nitrosodimethylamine	3.65	42	1129	0.391	ng	# 83
6) bis(2-Chloroethyl)ether	7.24	93	4970	0.399	ng	95
9) Naphthalene	10.65	128	73099	0.431	ng	100
10) Hexachlorobutadiene	10.94	225	4761	0.442	ng	99
12) 2-Methylnaphthalene	12.28	142	12451	0.431	ng	96
16) Acenaphthylene	14.18	152	21048	0.433	ng	100
17) Acenaphthene	14.53	154	11938	0.399	ng	97
18) Fluorene	15.49	166	16624	0.386	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	6762	0.446	ng	95
21) Hexachlorobenzene	16.49	284	6331	0.434	ng	98
22) Pentachlorophenol	16.84	266	2782	0.693	ng	96
23) Phenanthrene	17.23	178	28987	0.400	ng	99
24) Anthracene	17.32	178	27902	0.433	ng	100
26) Fluoranthene	19.25	202	39349	0.406	ng	98
28) Pyrene	19.61	202	40638	0.406	ng	99
30) Benzo(a)anthracene	21.35	228	44729	0.448	ng	98
31) Chrysene	21.40	228	42541	0.400	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	78303	0.861	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	43640	0.416	ng	97
35) Benzo(b)fluoranthene	23.15	252	41321	0.385	ng	97
36) Benzo(k)fluoranthene	23.15	252	41321	0.386	ng	99
37) Benzo(a)pyrene	23.76	252	39441	0.410	ng	# 91
38) Dibenzo(a,h)anthracene	26.54	278	36165	0.368	ng	# 96
39) Benzo(g,h,i)perylene	27.34	276	30921	0.310	ng	98

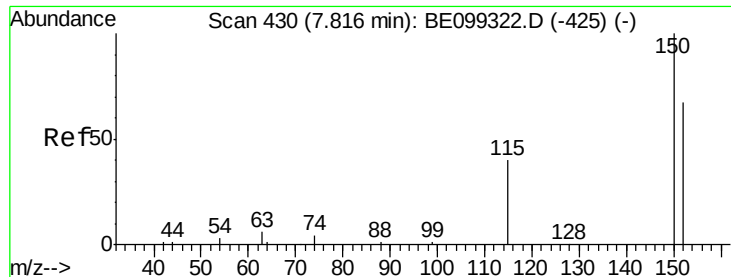
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

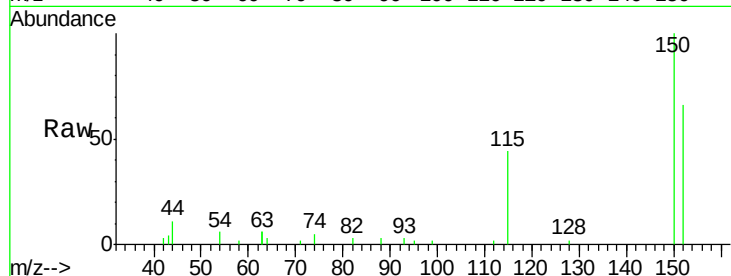
Tot Ion:152 Resp: 3828

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

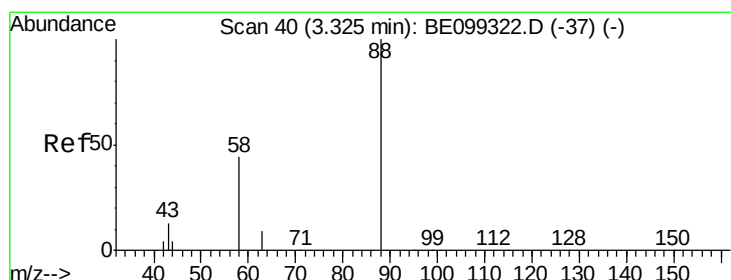
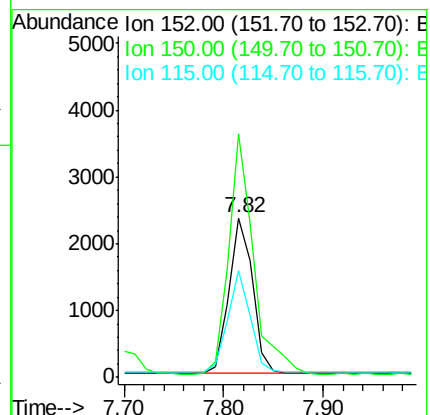
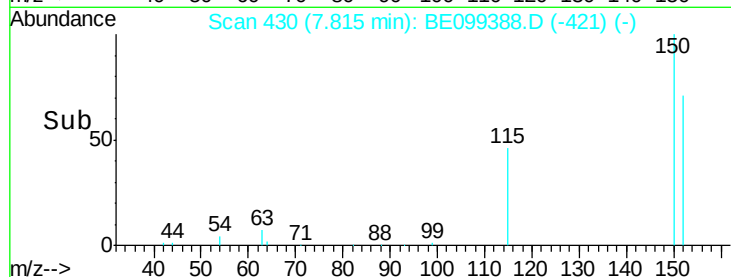
115 66.6 47.5 71.3



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: 0.320 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

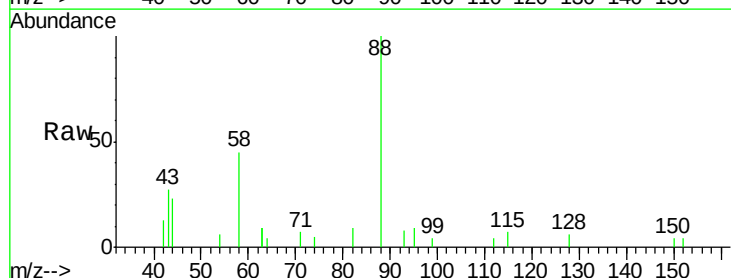
Tgt Ion: 88 Resp: 1716

Ion Ratio Lower Upper

88 100

58 57.7 49.1 73.7

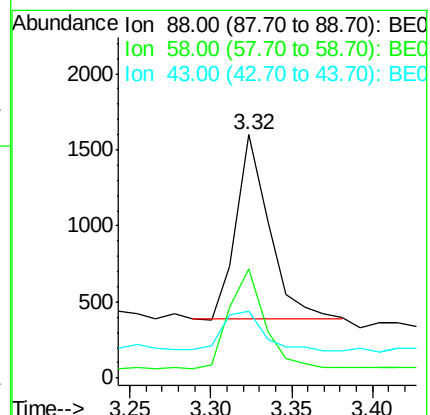
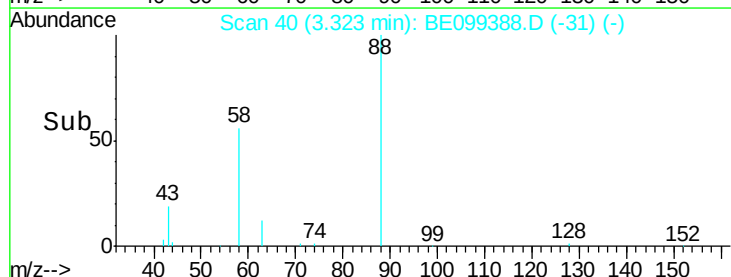
43 27.0 17.9 26.9#

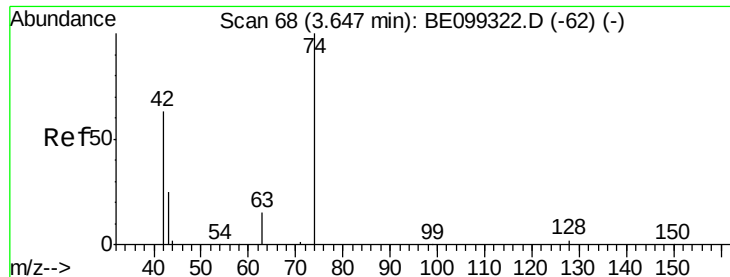


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.391 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

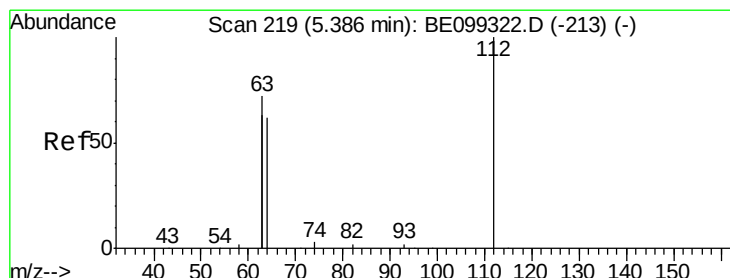
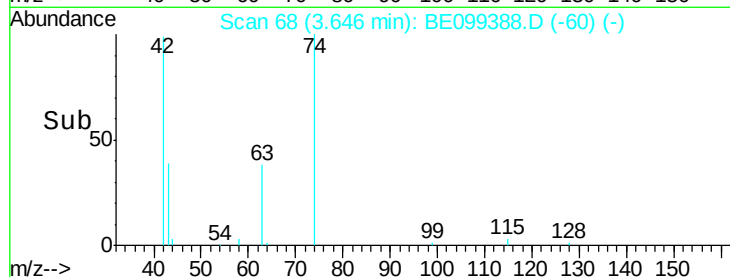
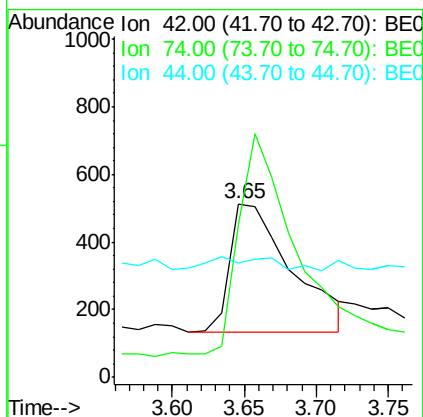
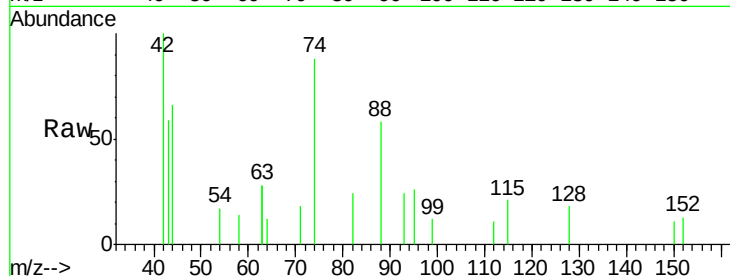
Tot Ion: 42 Resp: 1129

Ion Ratio Lower Upper

42 100

74 159.0 145.8 218.8

44 0.0 9.0 13.4#



#4

2-Fluorophenol

Concen: 0.488 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

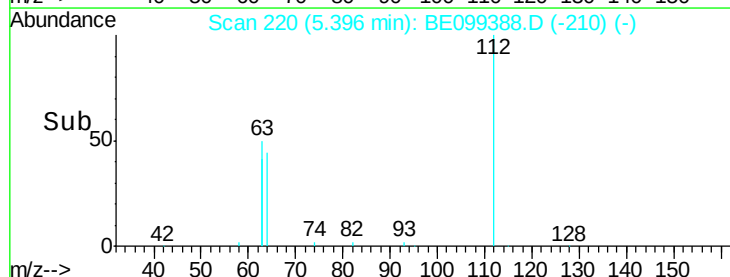
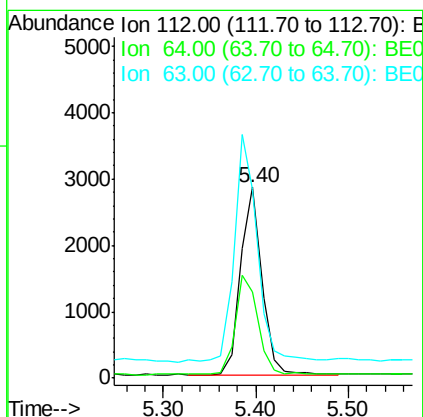
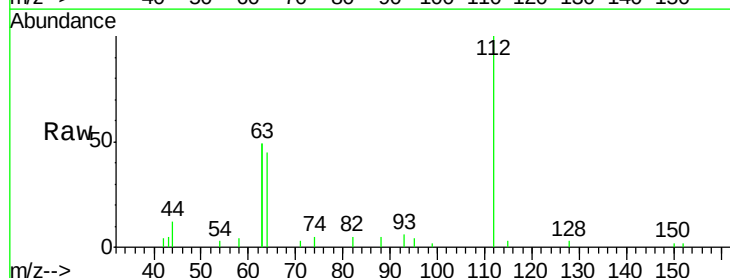
Tgt Ion: 112 Resp: 4568

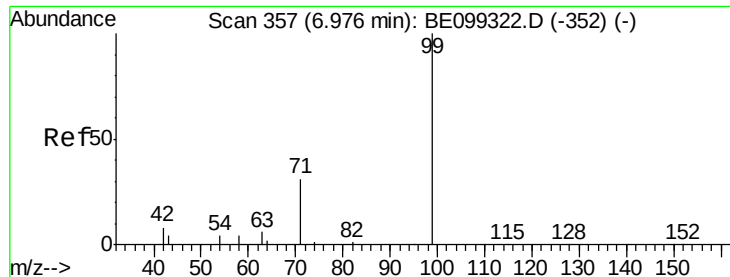
Ion Ratio Lower Upper

112 100

64 55.6 44.9 67.3

63 128.8 97.4 146.0





#5

Phenol-d6

Concen: 0.496 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

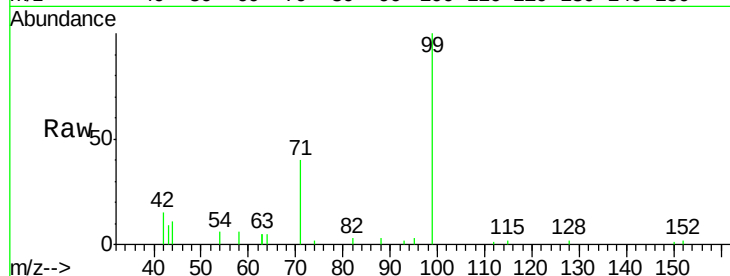
Tot Ion: 99 Resp: 6615

Ion Ratio Lower Upper

99 100

42 16.0 11.7 17.5

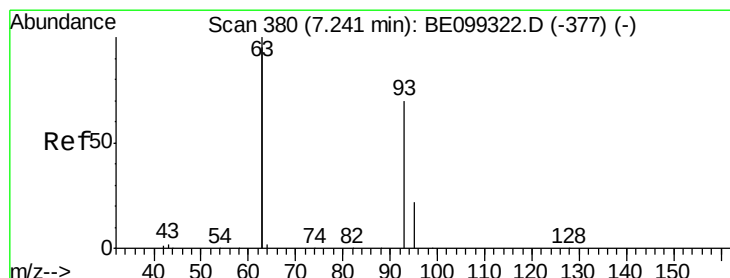
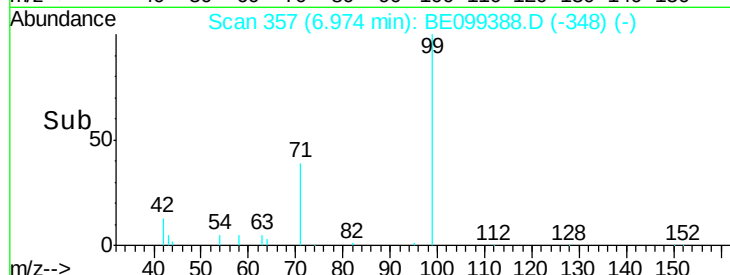
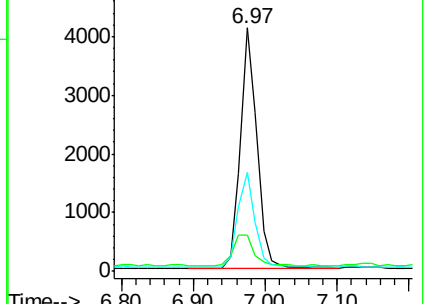
71 40.9 29.6 44.4



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: 0.399 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

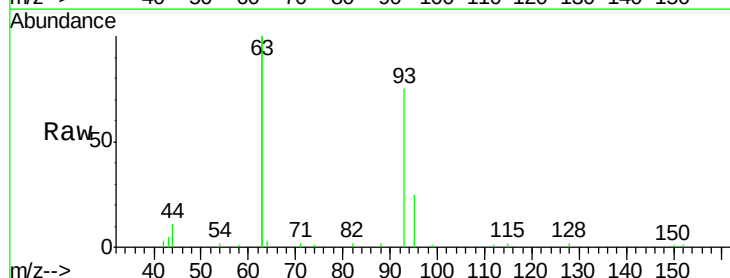
Tgt Ion: 93 Resp: 4970

Ion Ratio Lower Upper

93 100

63 260.3 216.6 324.8

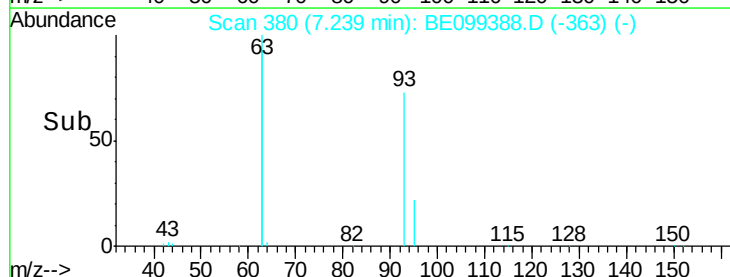
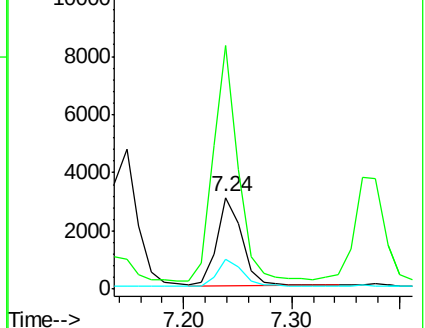
95 32.4 25.8 38.6

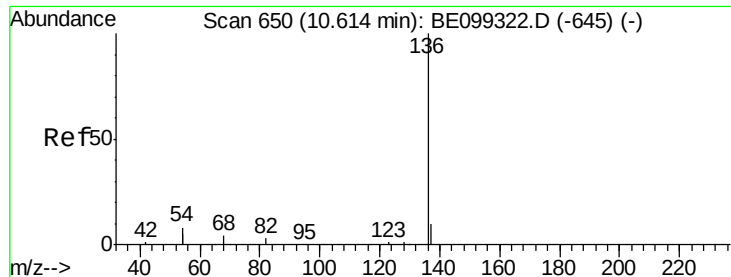


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15555

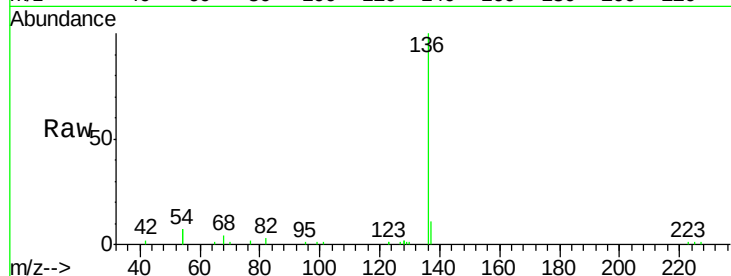
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 13.9 23.8 35.8#

68 4.1 6.4 9.6#

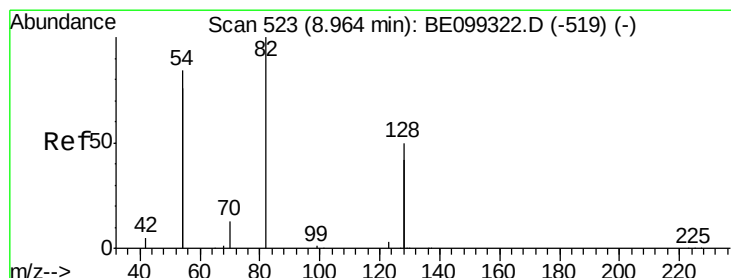
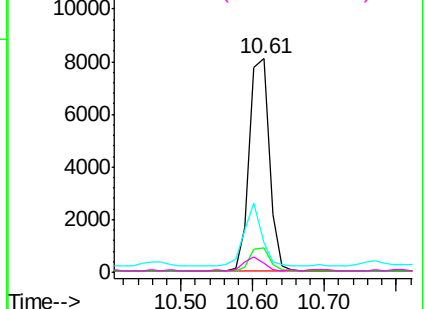
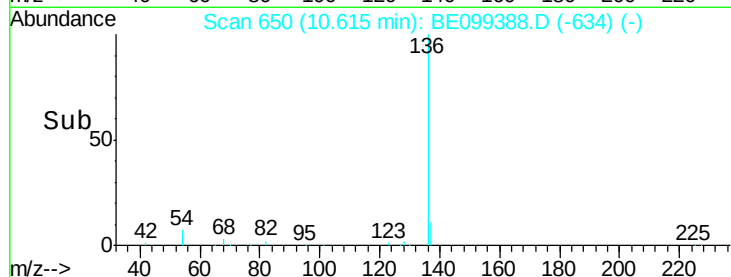


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.492 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

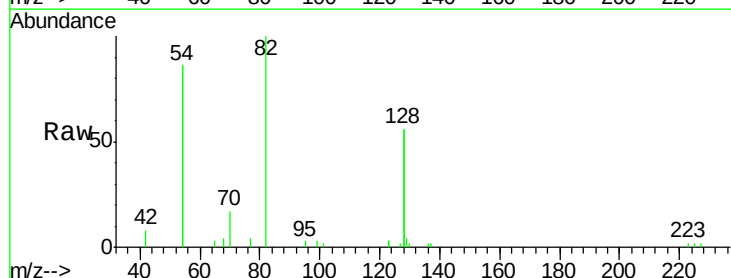
Tgt Ion: 82 Resp: 5943

Ion Ratio Lower Upper

82 100

128 111.0 91.7 137.5

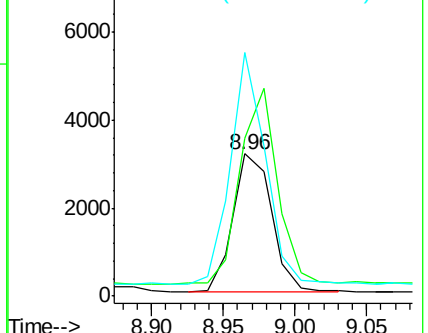
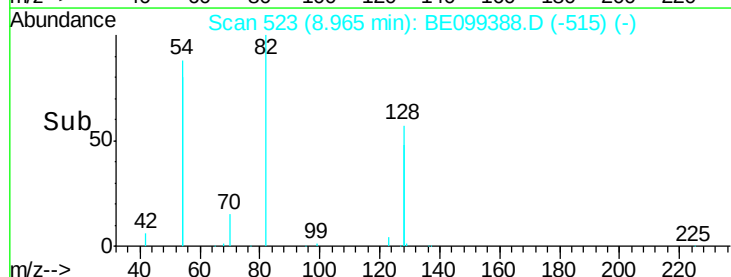
54 171.2 122.8 184.2

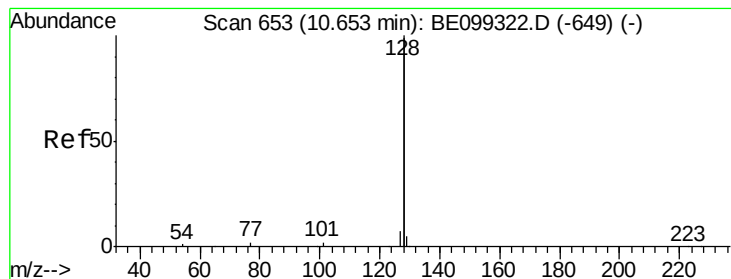


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.431 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

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BNA_E

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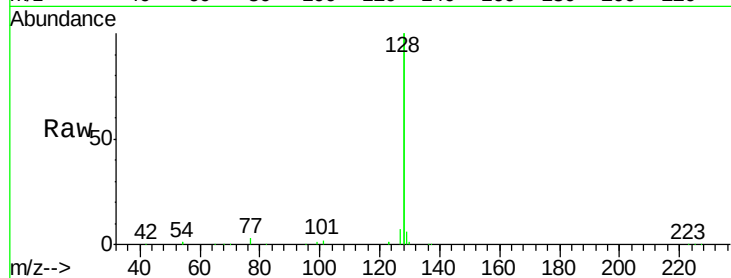
Tot Ion:128 Resp: 73099

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

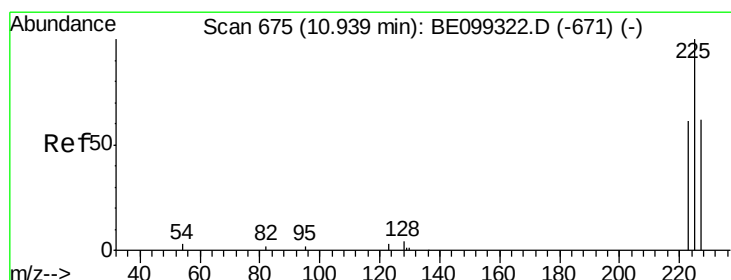
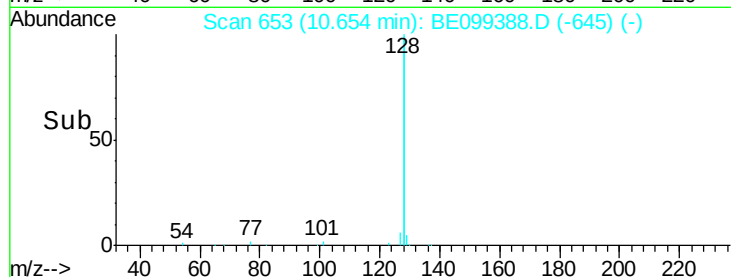
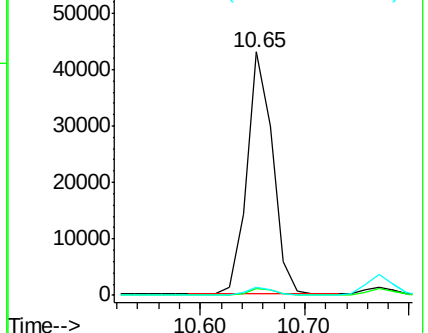
127 3.4 2.8 4.2



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: 0.442 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

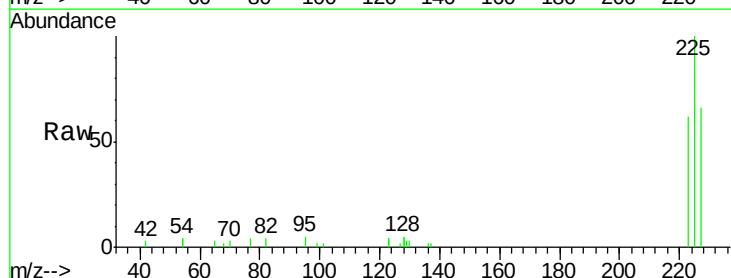
Tgt Ion:225 Resp: 4761

Ion Ratio Lower Upper

225 100

223 64.1 50.3 75.5

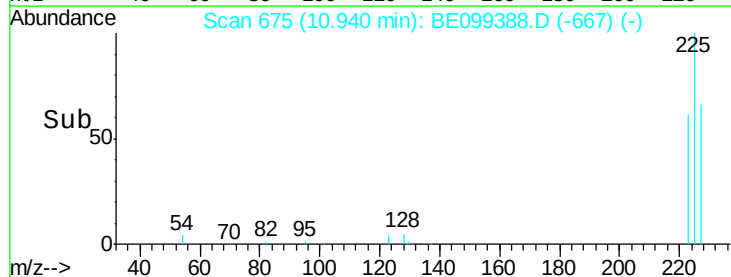
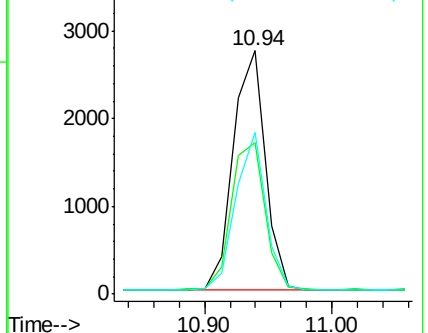
227 61.4 49.4 74.0

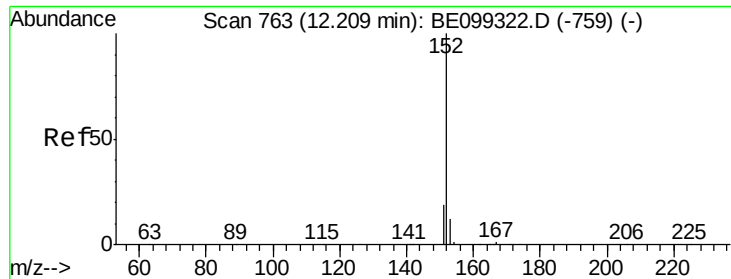


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

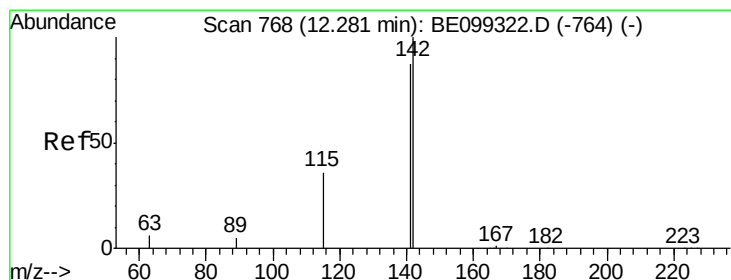
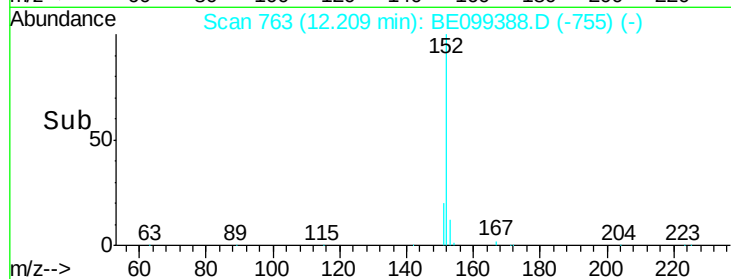
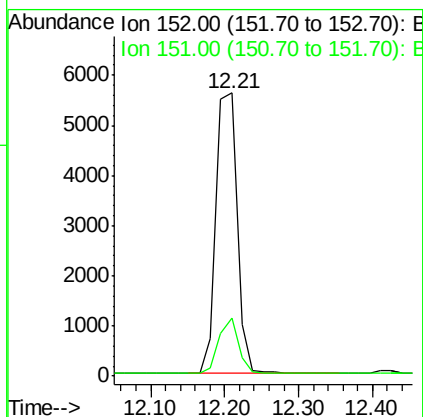
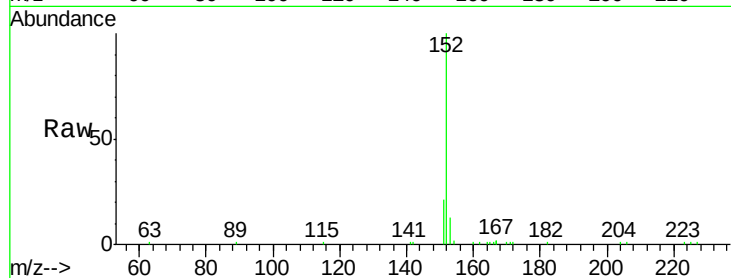




#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099388.D
 Acq: 26 Apr 2019 21:43

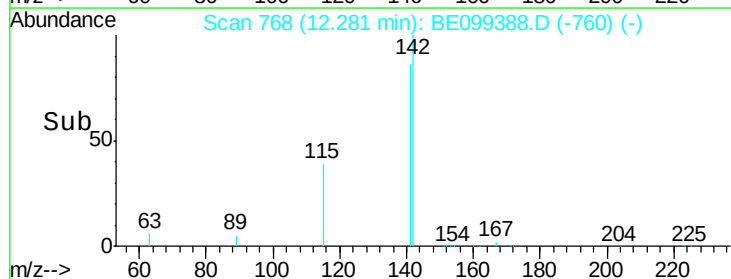
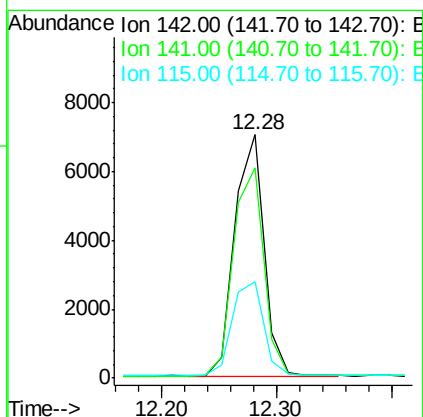
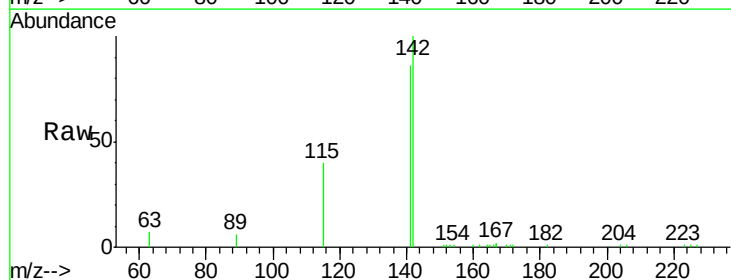
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

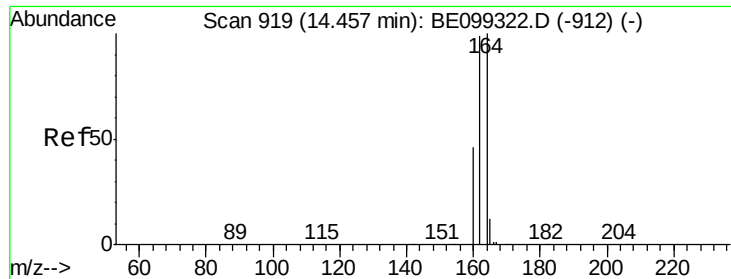
Tot Ion:152 Resp: 11117
 Ion Ratio Lower Upper
 152 100
 151 18.8 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.431 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE099388.D
 Acq: 26 Apr 2019 21:43

Tgt Ion:142 Resp: 12451
 Ion Ratio Lower Upper
 142 100
 141 86.4 72.0 108.0
 115 39.8 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: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

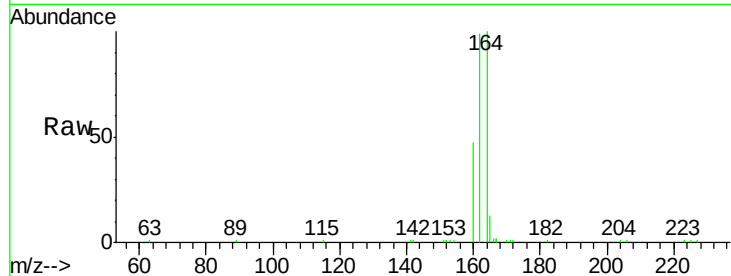
Tot Ion:164 Resp: 10749

Ion Ratio Lower Upper

164 100

162 98.7 77.8 116.6

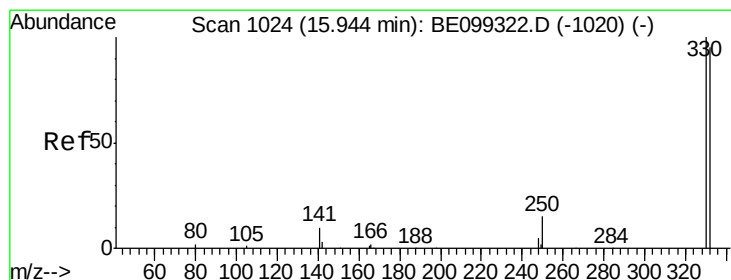
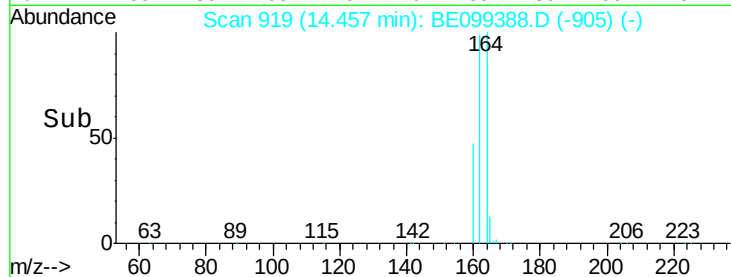
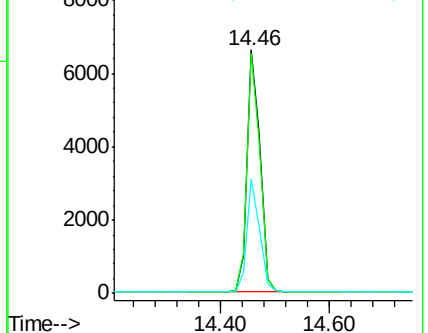
160 47.2 37.1 55.7



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: 0.653 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

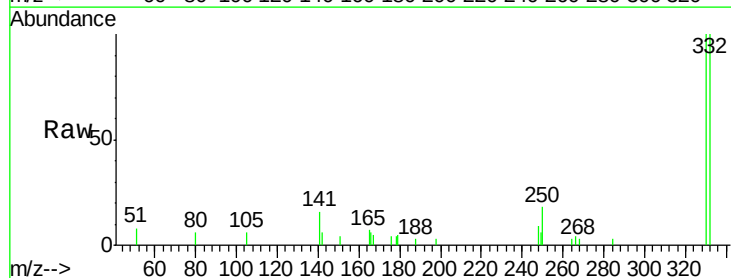
Tgt Ion:330 Resp: 2331

Ion Ratio Lower Upper

330 100

332 98.6 82.5 123.7

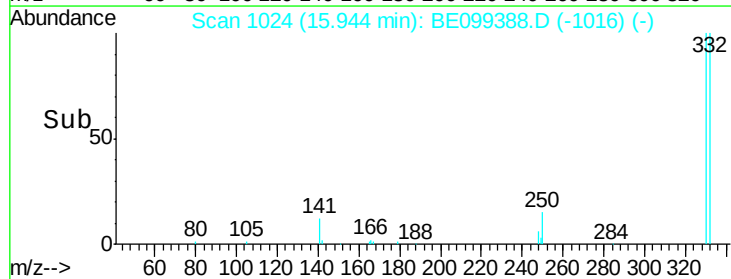
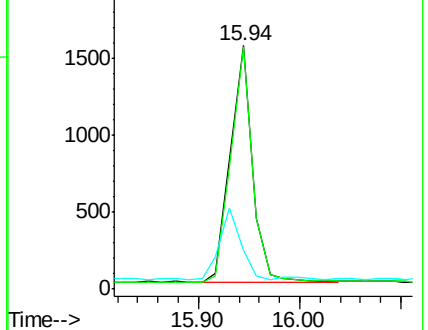
141 29.2 24.9 37.3

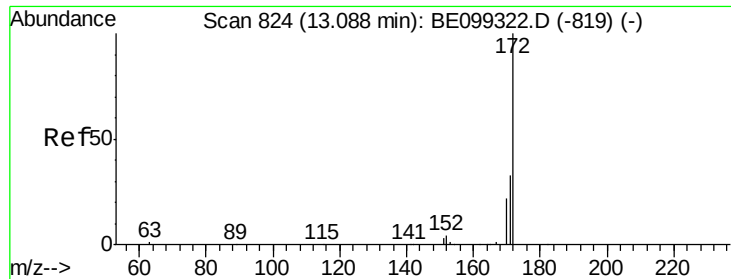


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

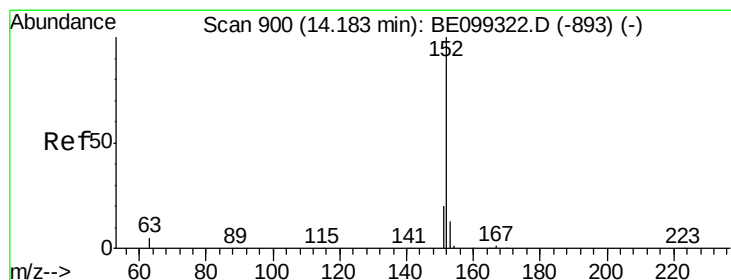
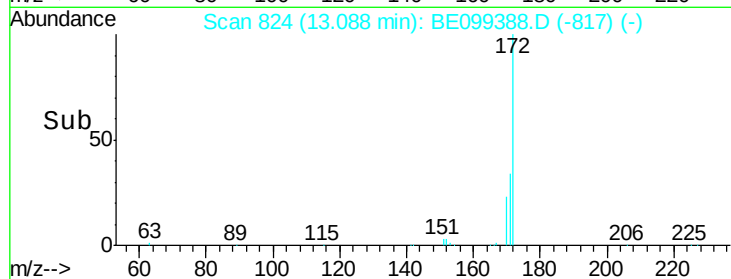
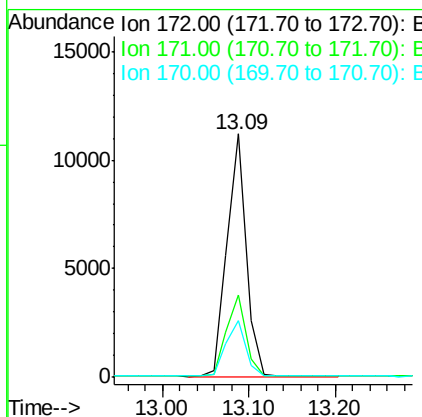
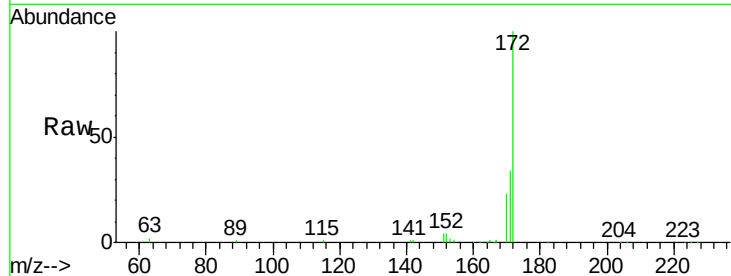




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099388.D
Acq: 26 Apr 2019 21:43

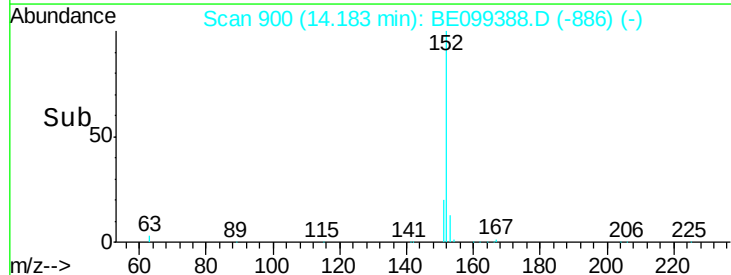
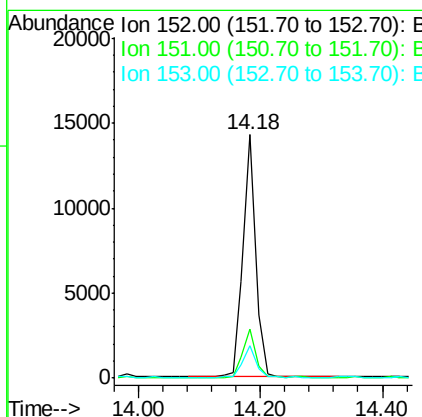
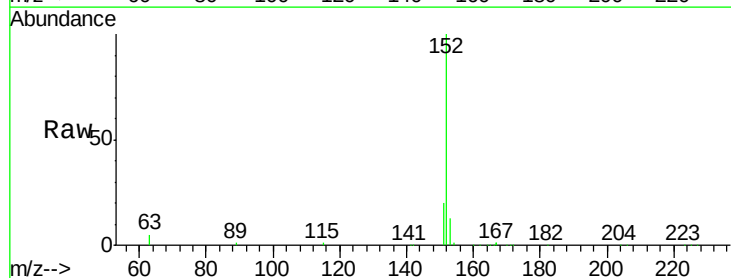
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

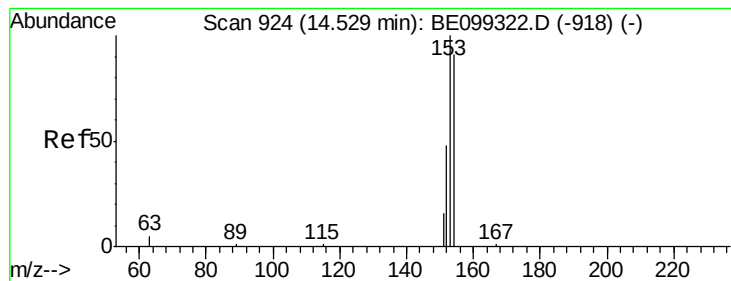
Tot Ion:172 Resp: 17057
Ion Ratio Lower Upper
172 100
171 34.1 26.2 39.2
170 23.2 18.1 27.1



#16
Acenaphthylene
Concen: 0.433 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099388.D
Acq: 26 Apr 2019 21:43

Tgt Ion:152 Resp: 21048
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 12.9 10.2 15.4





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

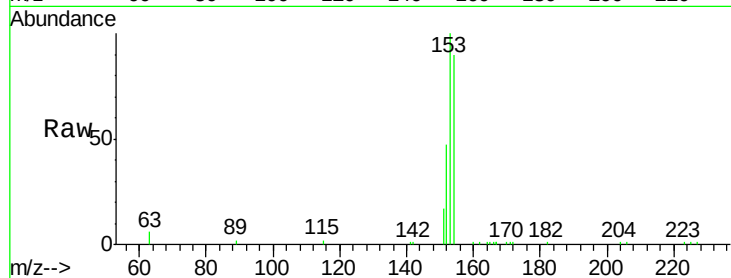
Tot Ion:154 Resp: 11938

Ion Ratio Lower Upper

154 100

153 113.9 94.7 142.1

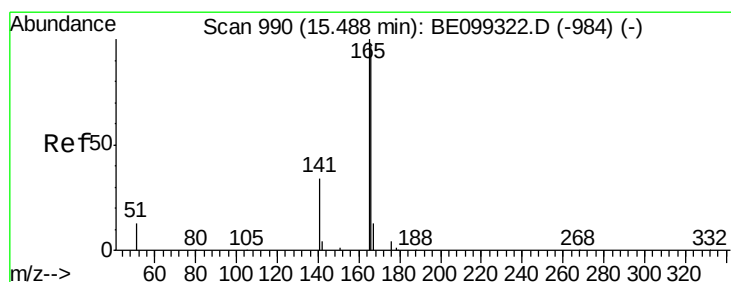
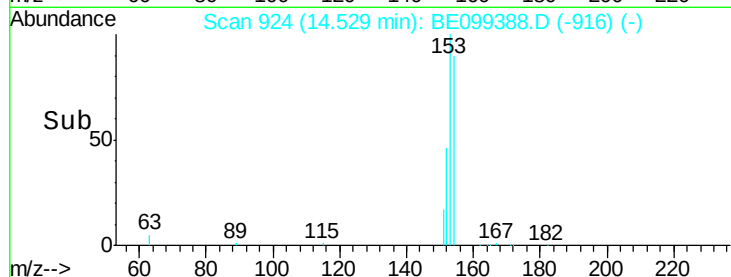
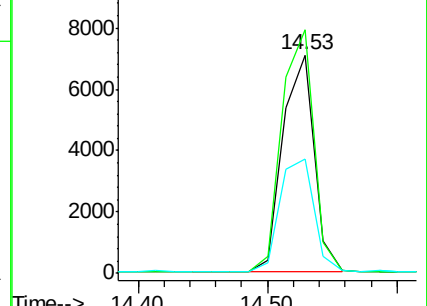
152 56.4 46.4 69.6



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: 0.386 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

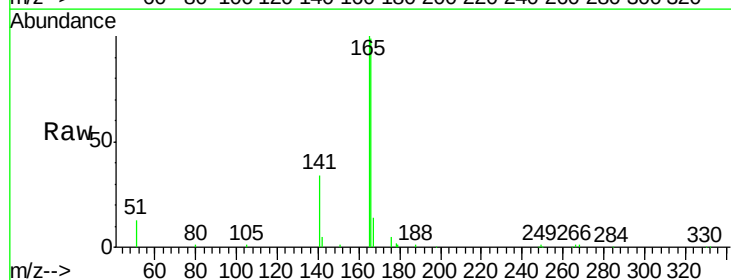
Tgt Ion:166 Resp: 16624

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

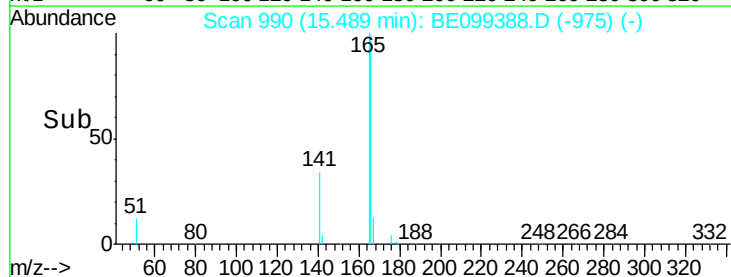
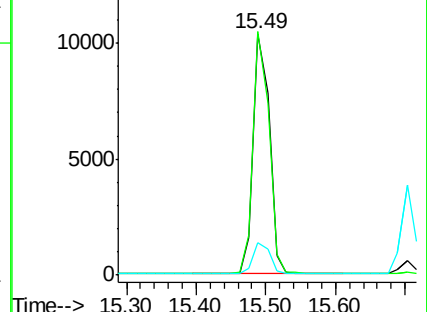
167 13.5 11.0 16.4

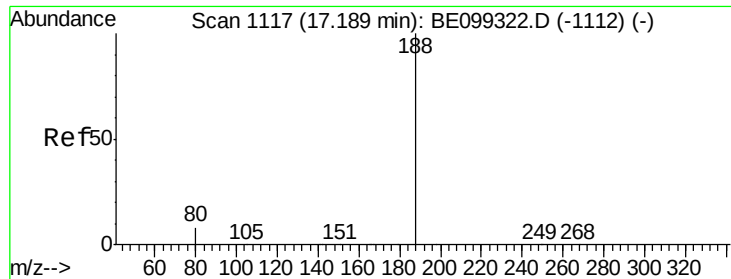


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

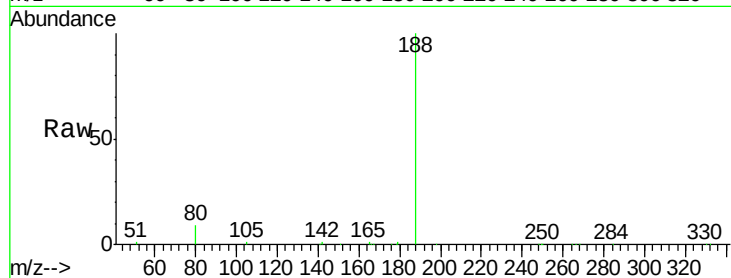
Tot Ion:188 Resp: 27368

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

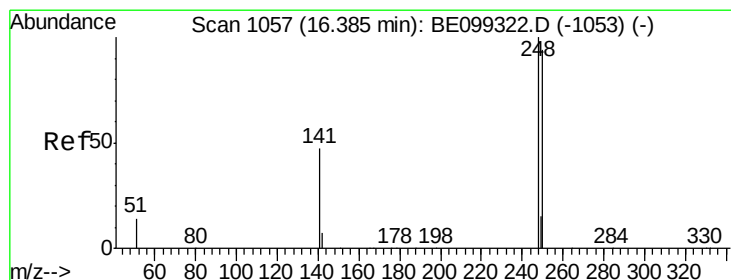
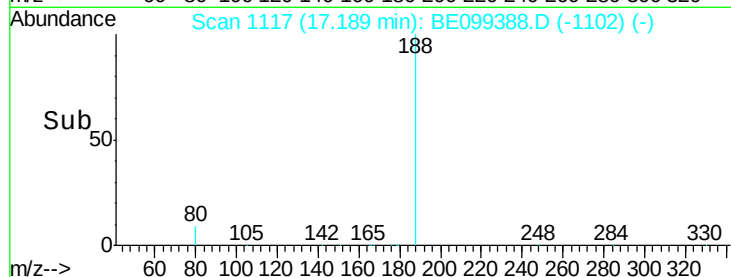
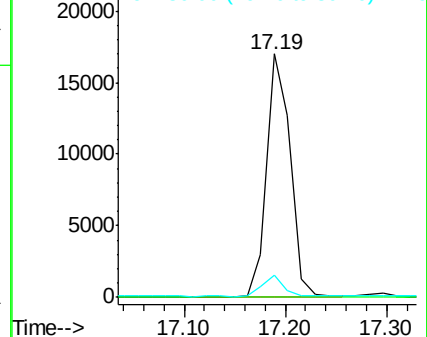
80 9.1 6.2 9.4



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: 0.446 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

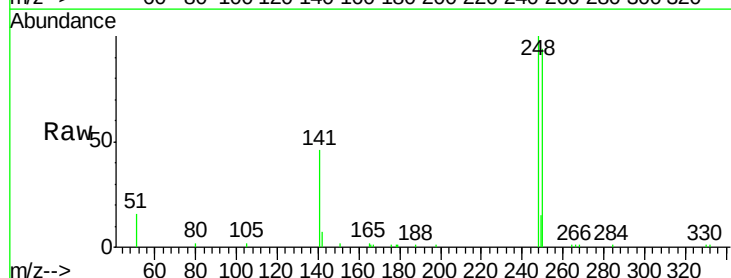
Tgt Ion:248 Resp: 6762

Ion Ratio Lower Upper

248 100

250 93.9 77.0 115.6

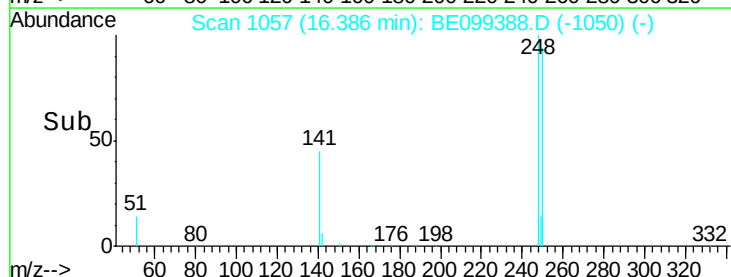
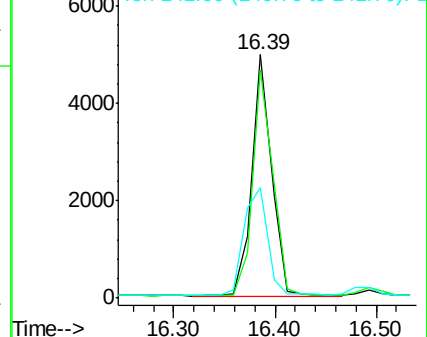
141 45.6 31.1 46.7

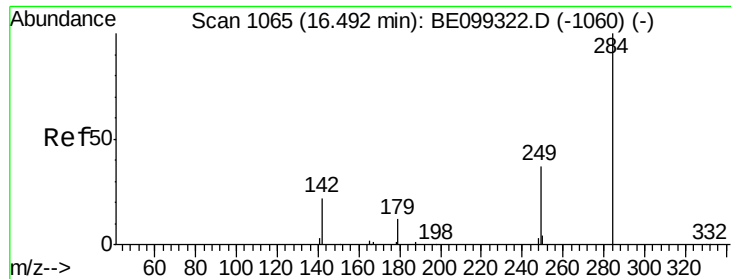


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.434 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

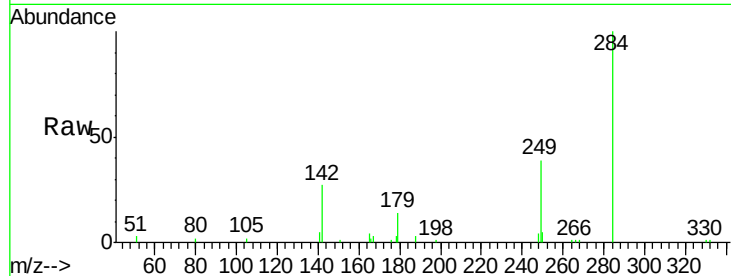
Tot Ion:284 Resp: 6331

Ion Ratio Lower Upper

284 100

142 26.3 21.8 32.6

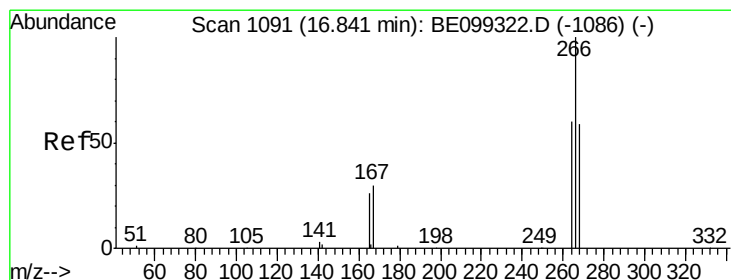
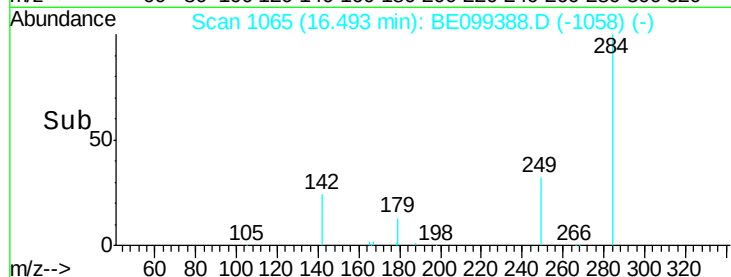
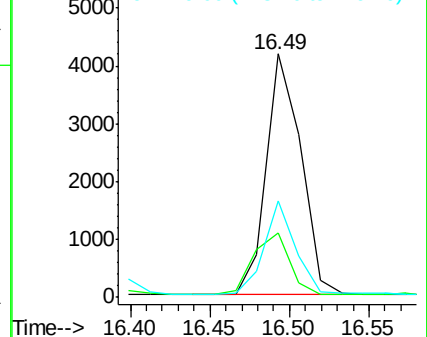
249 34.2 26.2 39.4



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: 0.693 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

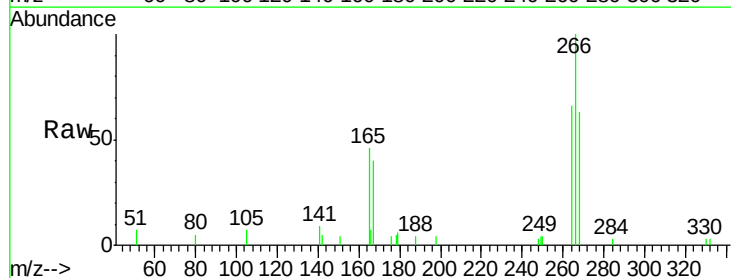
Tgt Ion:266 Resp: 2782

Ion Ratio Lower Upper

266 100

264 66.2 54.5 81.7

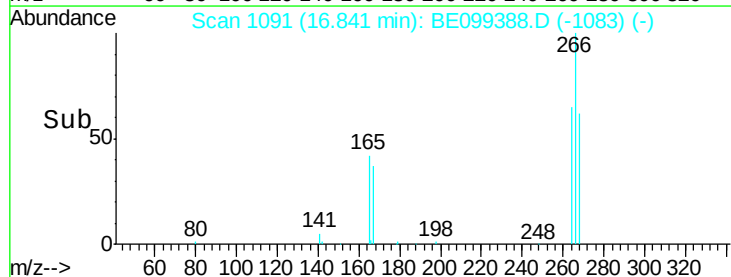
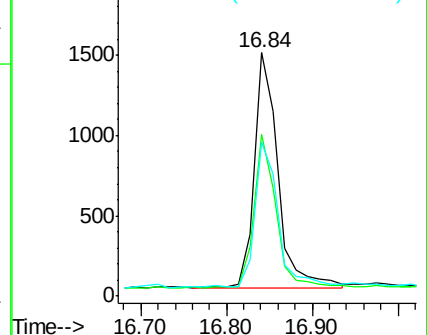
268 63.5 54.3 81.5

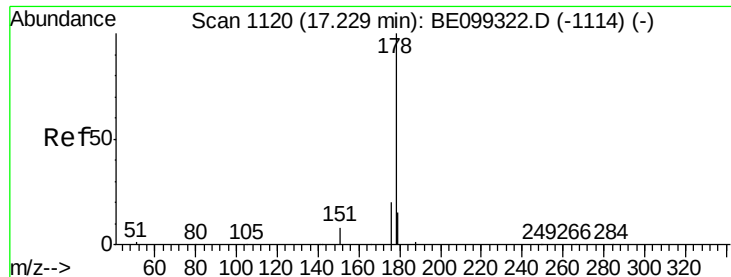


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

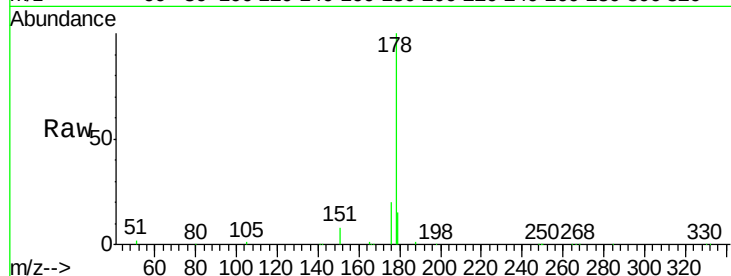
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 28987

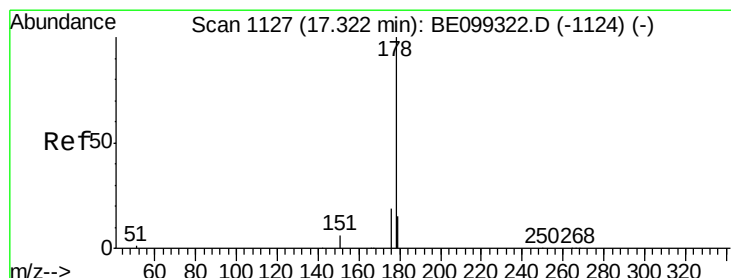
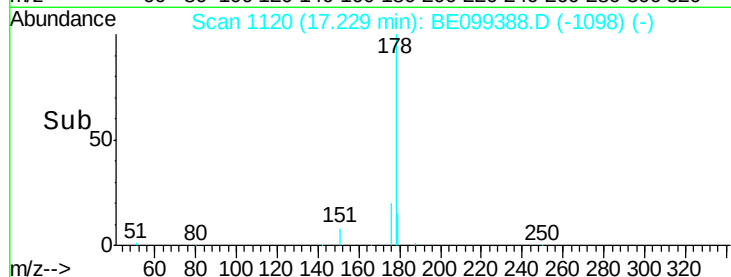
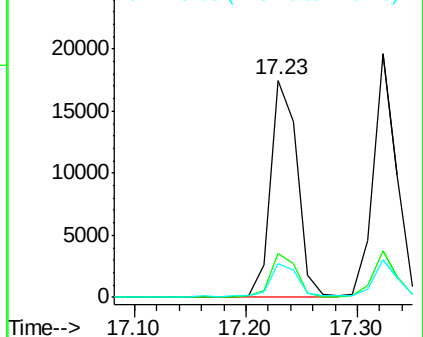
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.1	12.4	18.6



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: 0.433 ng

RT: 17.32 min Scan# 1127

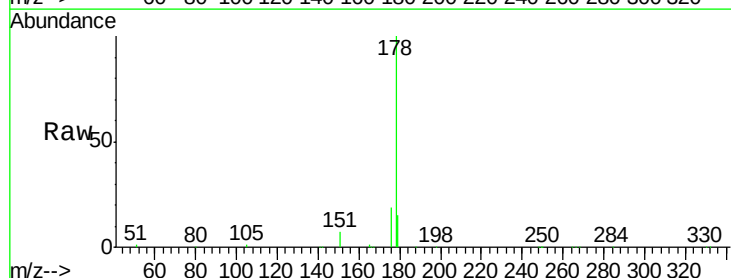
Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Tgt Ion:178 Resp: 27902

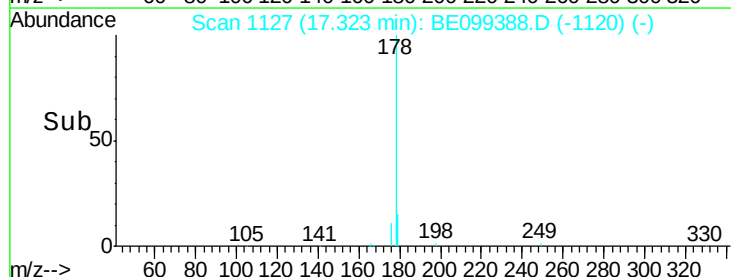
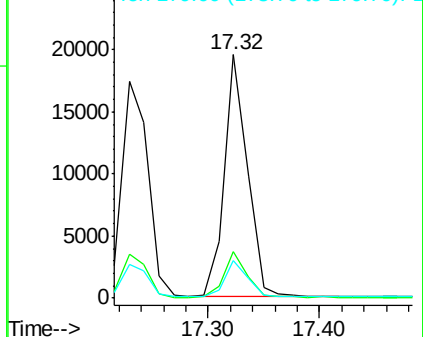
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.0	11.9	17.9

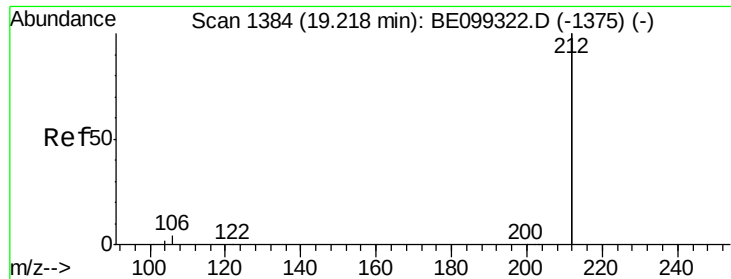


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

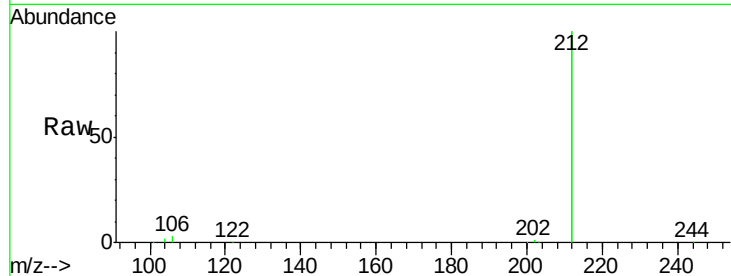
Tot Ion:212 Resp: 136678

Ion Ratio Lower Upper

212 100

106 1.9 1.8 2.6

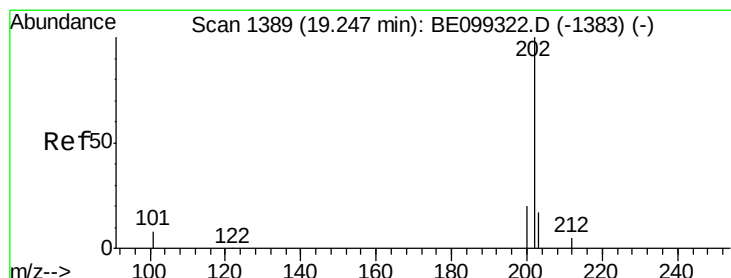
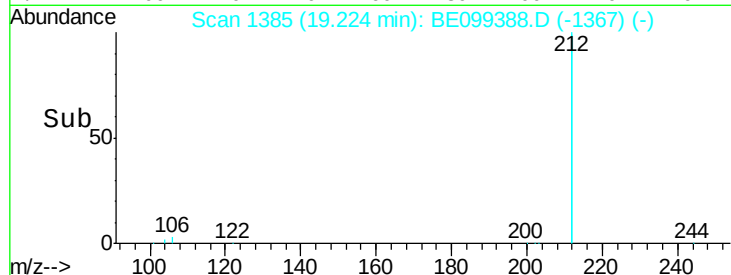
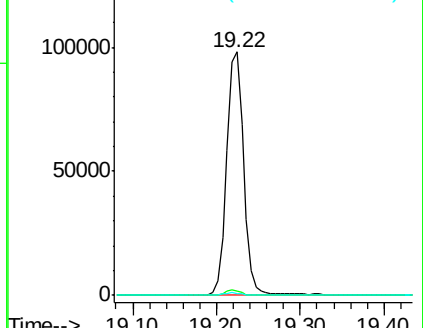
104 1.1 1.0 1.4



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: 0.406 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

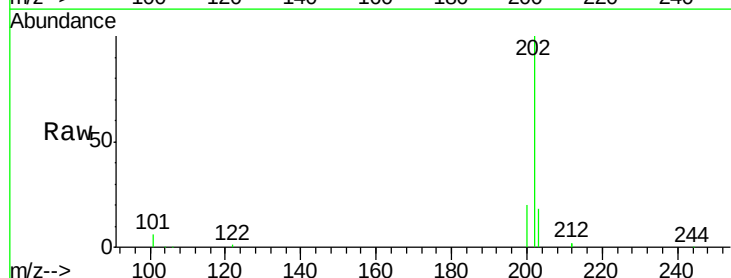
Tgt Ion:202 Resp: 39349

Ion Ratio Lower Upper

202 100

101 6.7 6.4 9.6

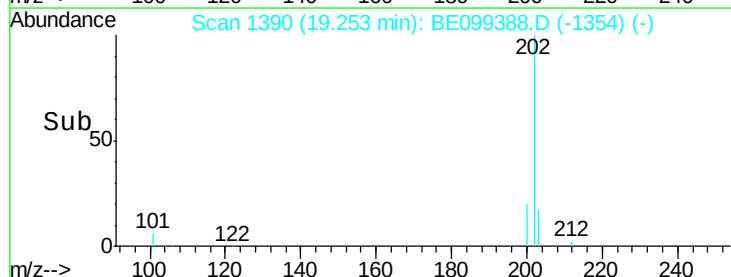
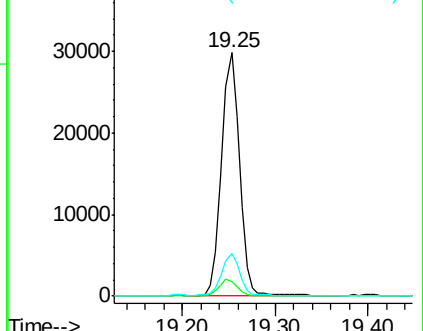
203 17.2 13.5 20.3

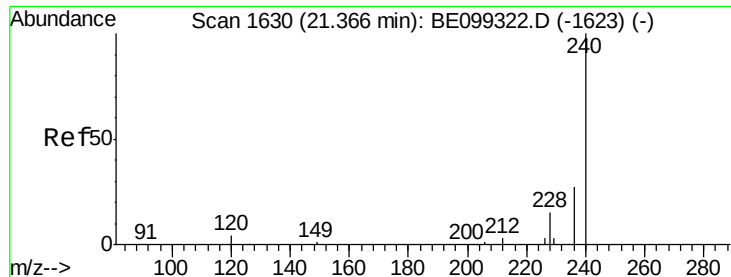


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

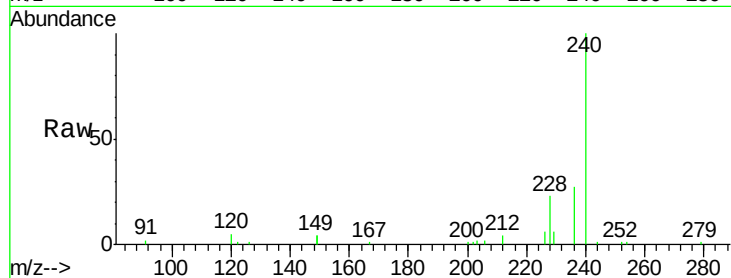
Tot Ion:240 Resp: 33987

Ion Ratio Lower Upper

240 100

120 4.9 2.2 3.2#

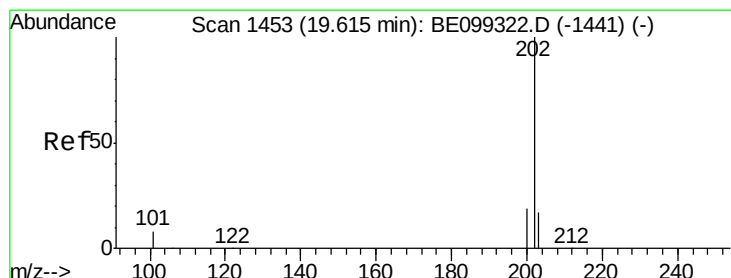
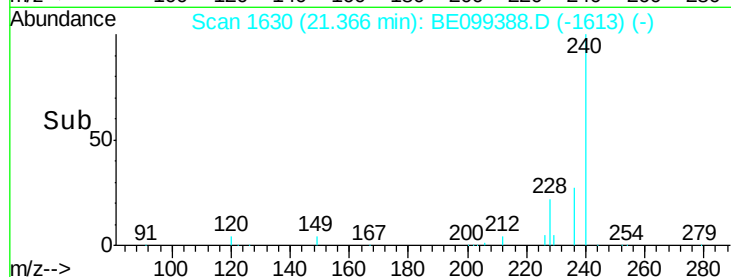
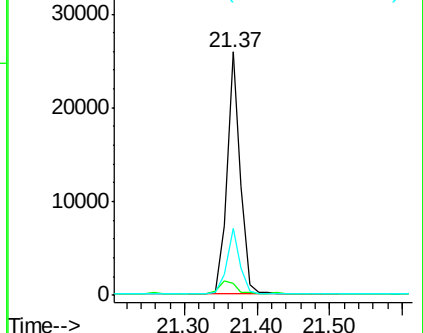
236 27.4 20.2 30.4



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: 0.406 ng

RT: 19.61 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

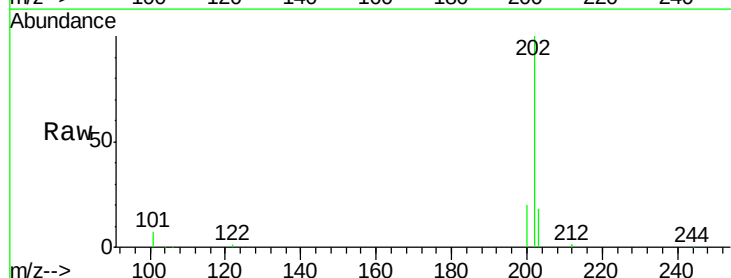
Tgt Ion:202 Resp: 40638

Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

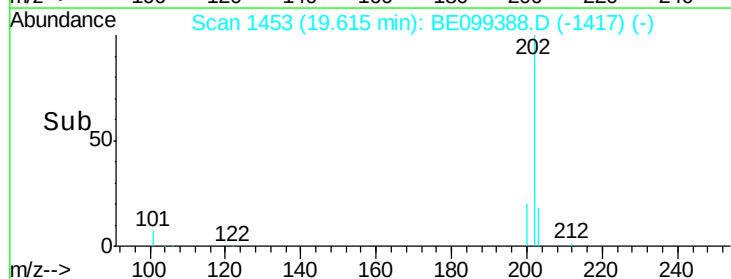
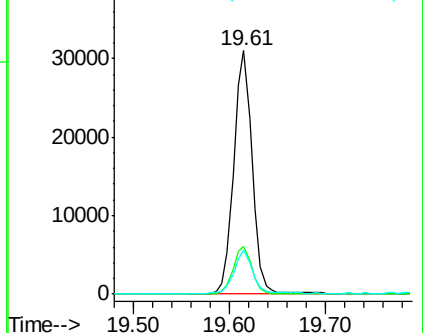
203 17.4 13.7 20.5

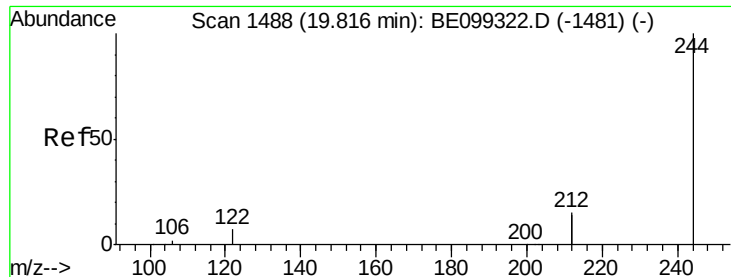


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

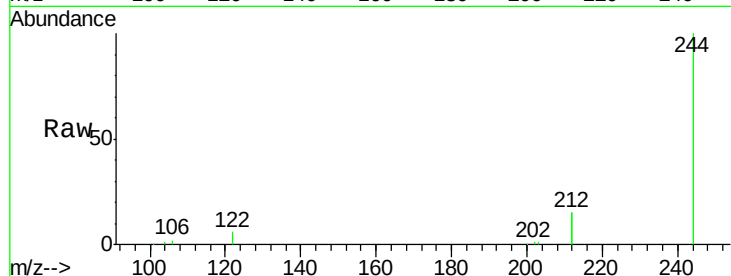
Tot Ion:244 Resp: 27513

Ion Ratio Lower Upper

244 100

212 30.8 22.6 33.8

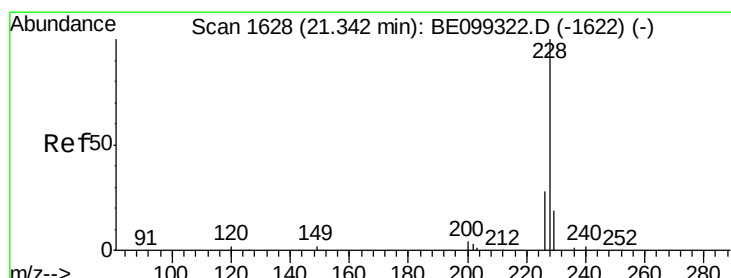
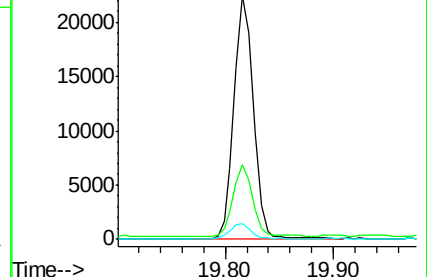
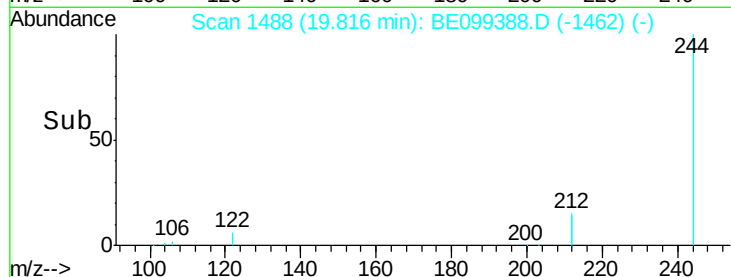
122 6.3 4.6 7.0



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: 0.448 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

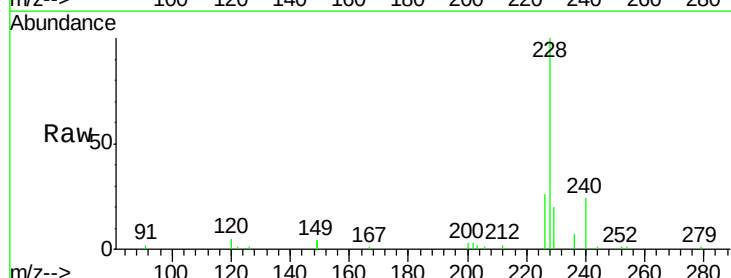
Tgt Ion:228 Resp: 44729

Ion Ratio Lower Upper

228 100

226 25.9 22.0 33.0

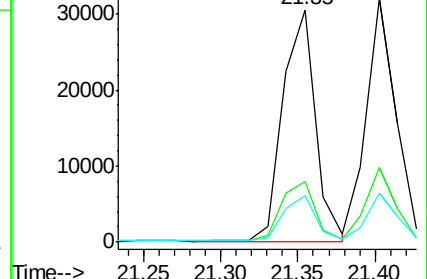
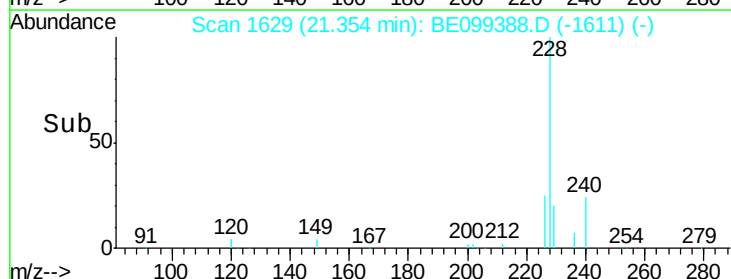
229 20.1 15.8 23.8

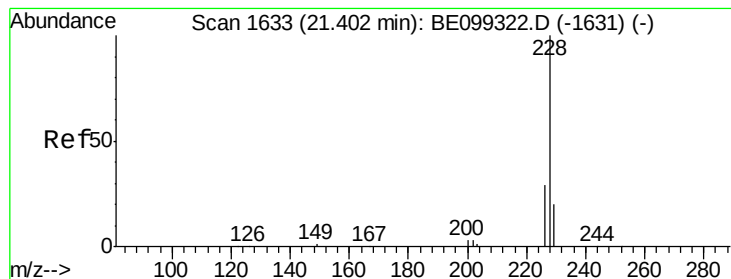


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

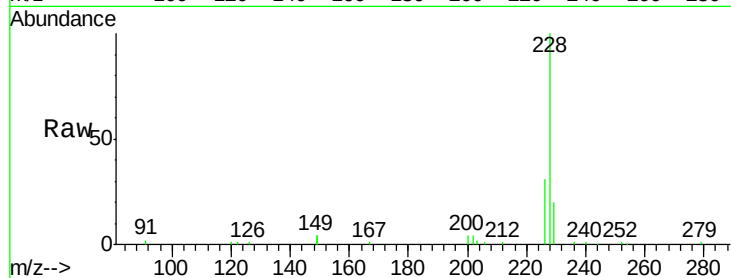
Tot Ion:228 Resp: 42541

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

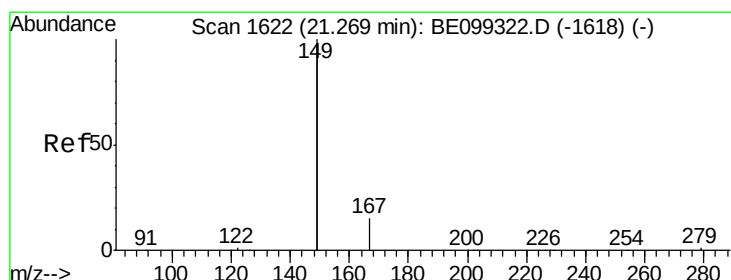
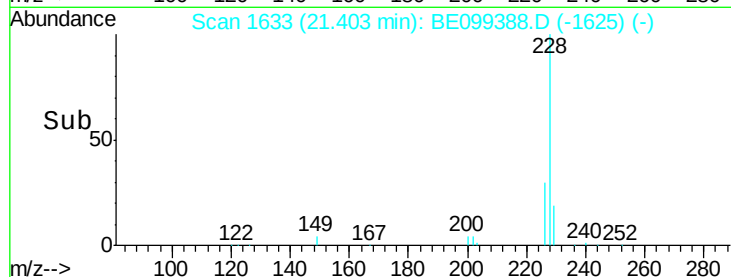
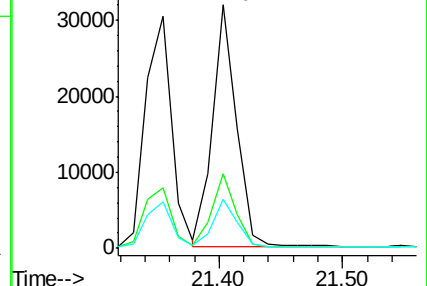
229 19.9 16.2 24.2



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: 0.861 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

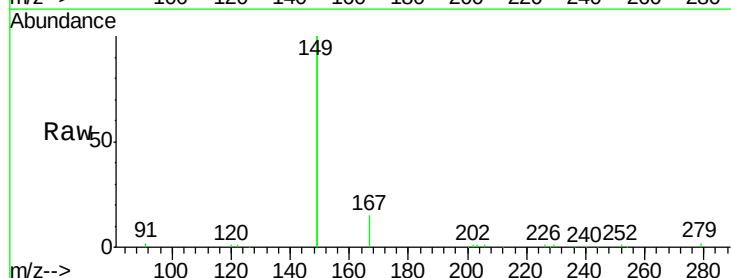
Tgt Ion:149 Resp: 78303

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

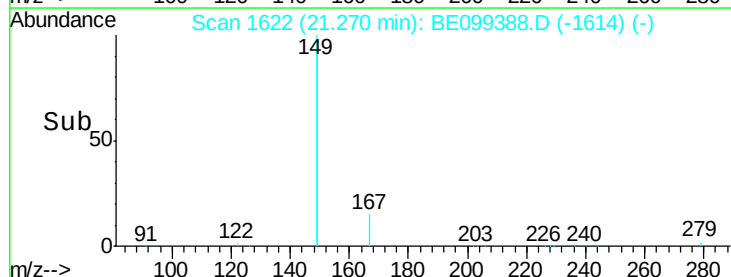
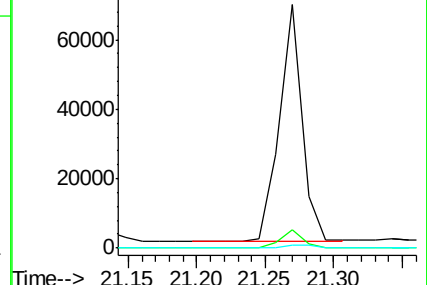
279 1.3 1.1 1.7

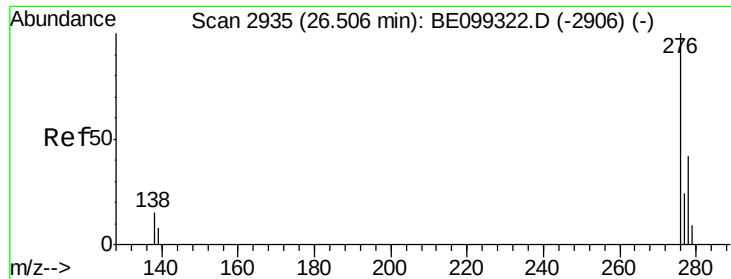


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.416 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.03 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

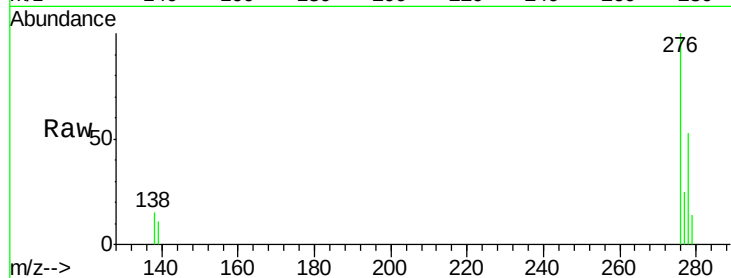
Tot Ion:276 Resp: 43640

Ion Ratio Lower Upper

276 100

138 12.9 12.7 19.1

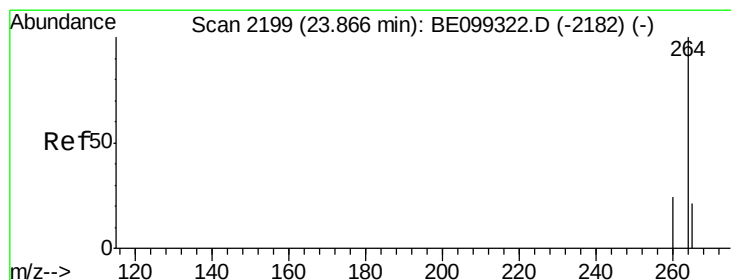
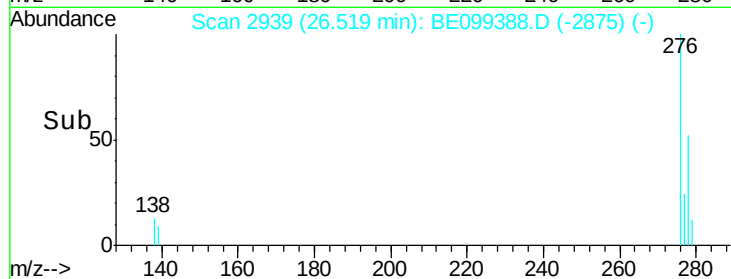
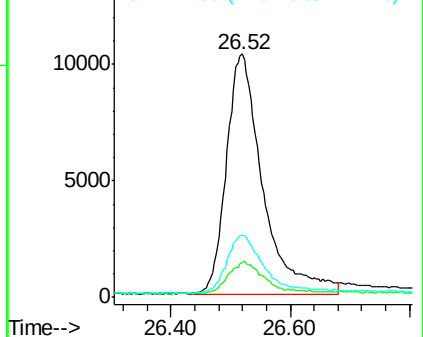
277 25.0 19.6 29.4



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# 2200

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

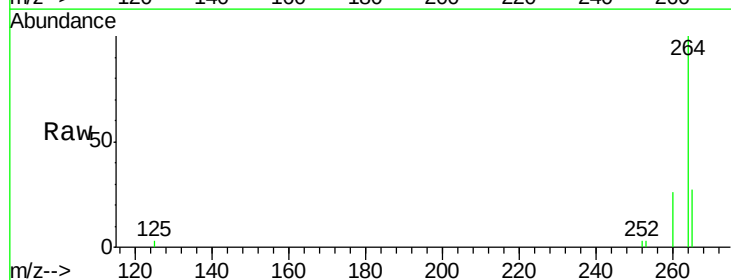
Tgt Ion:264 Resp: 35035

Ion Ratio Lower Upper

264 100

260 25.7 20.1 30.1

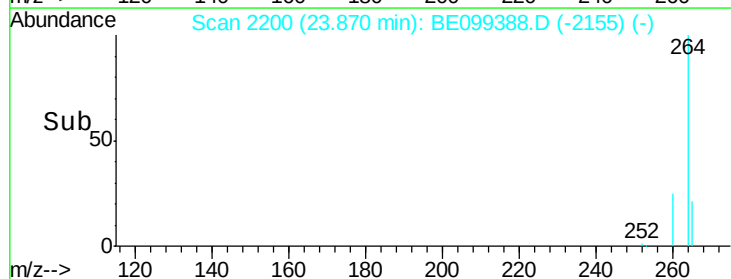
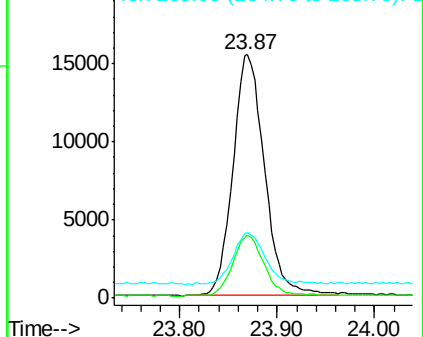
265 26.8 19.9 29.9

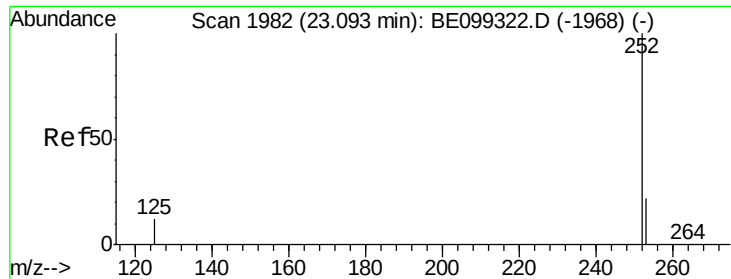


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.385 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.06 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

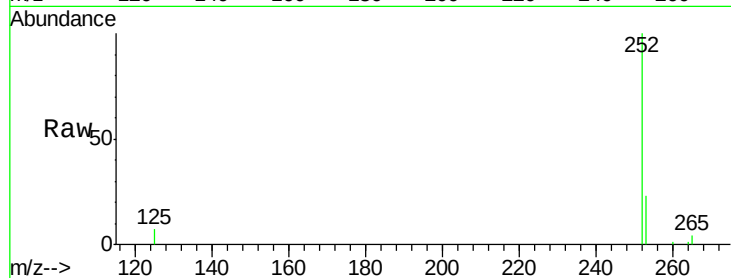
Tot Ion:252 Resp: 41321

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

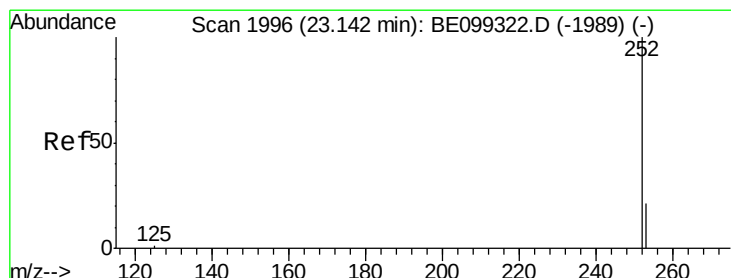
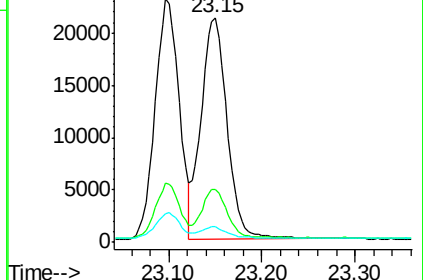
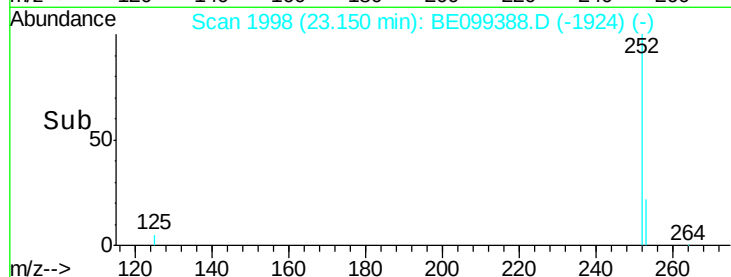
125 7.0 5.8 8.6



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: 0.386 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

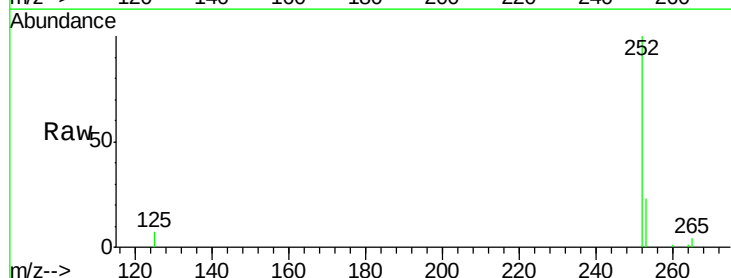
Tgt Ion:252 Resp: 41321

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

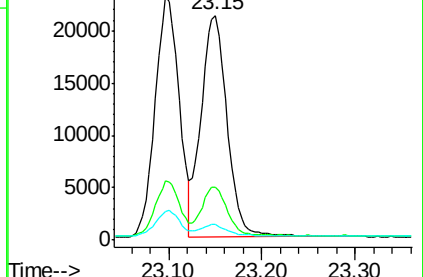
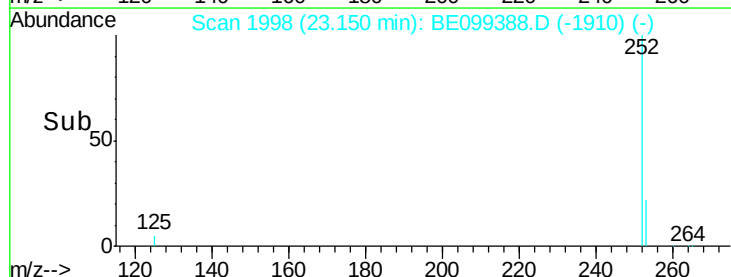
125 7.0 5.4 8.0

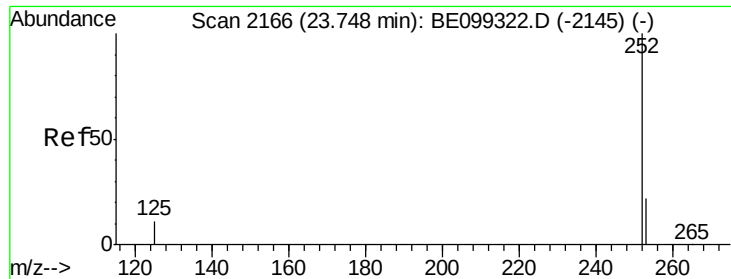


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.76 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

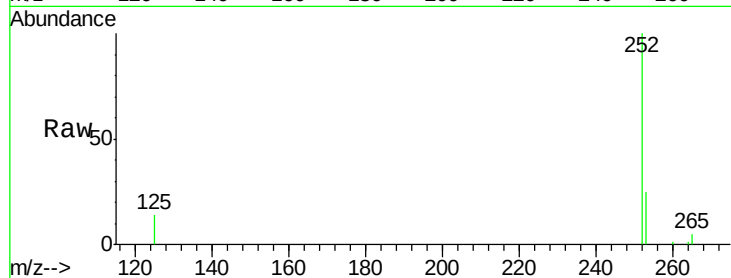
Tot Ion:252 Resp: 39441

Ion Ratio Lower Upper

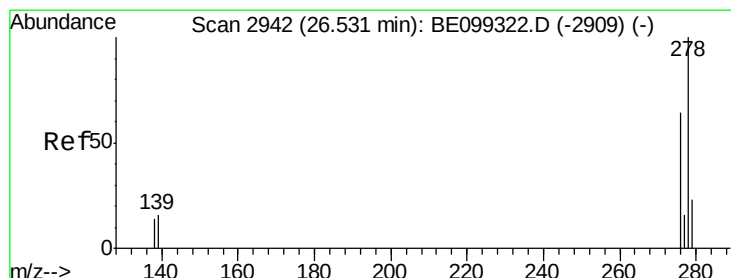
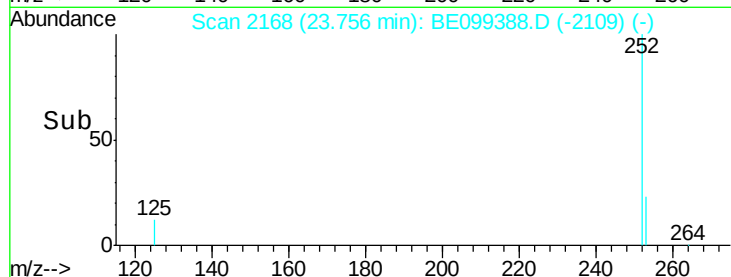
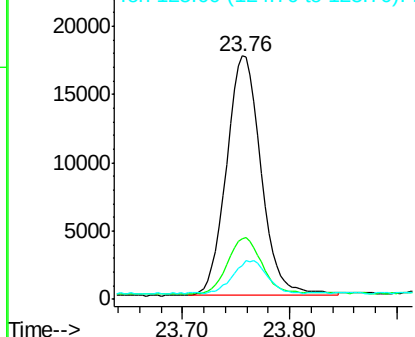
252 100

253 25.0 17.6 26.4

125 13.9 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: 0.368 ng

RT: 26.54 min Scan# 2946

Delta R.T. 0.02 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

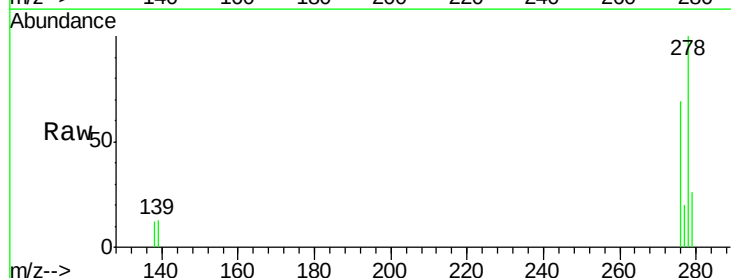
Tgt Ion:278 Resp: 36165

Ion Ratio Lower Upper

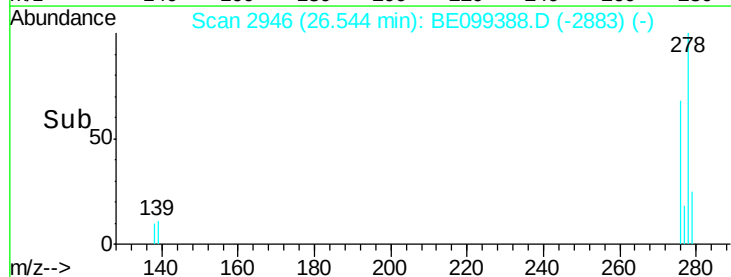
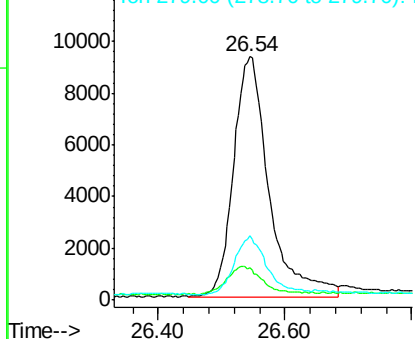
278 100

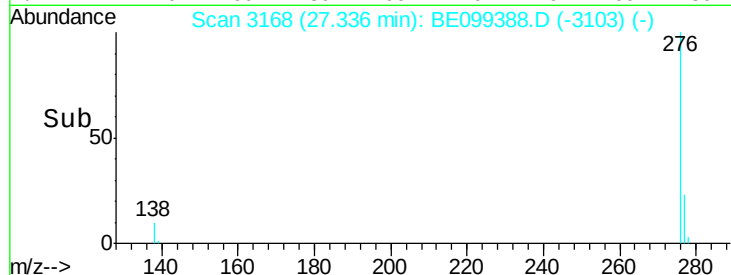
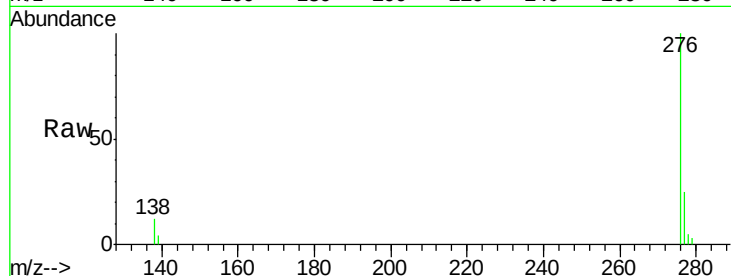
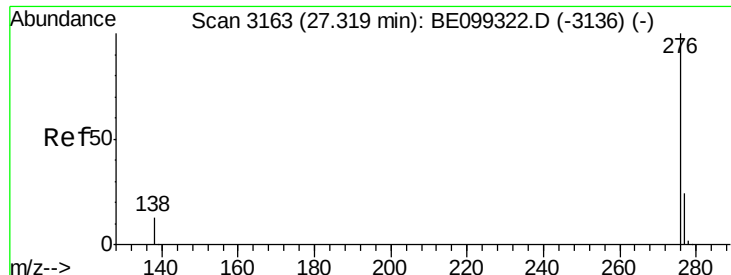
139 13.2 8.5 12.7#

279 26.2 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: 0.310 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.03 min

Lab File: BE099388.D

Acq: 26 Apr 2019 21:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:276 Resp: 30921

Ion Ratio Lower Upper

276 100

277 25.1 20.0 30.0

138 12.2 11.1 16.7

