

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099048.D
 Acq On : 19 Mar 2019 23:37
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 20 05:12:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	851	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4105	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2659	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6416	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6966	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6772	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	794	0.31	ng	0.03
5) Phenol-d6	7.00	99	1399	0.39	ng	0.01
8) Nitrobenzene-d5	8.98	82	1352	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2954	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	334	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4299	0.39	ng	-0.01
25) Fluoranthene-d10	19.24	212	34565	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	6442	0.38	ng	0.00

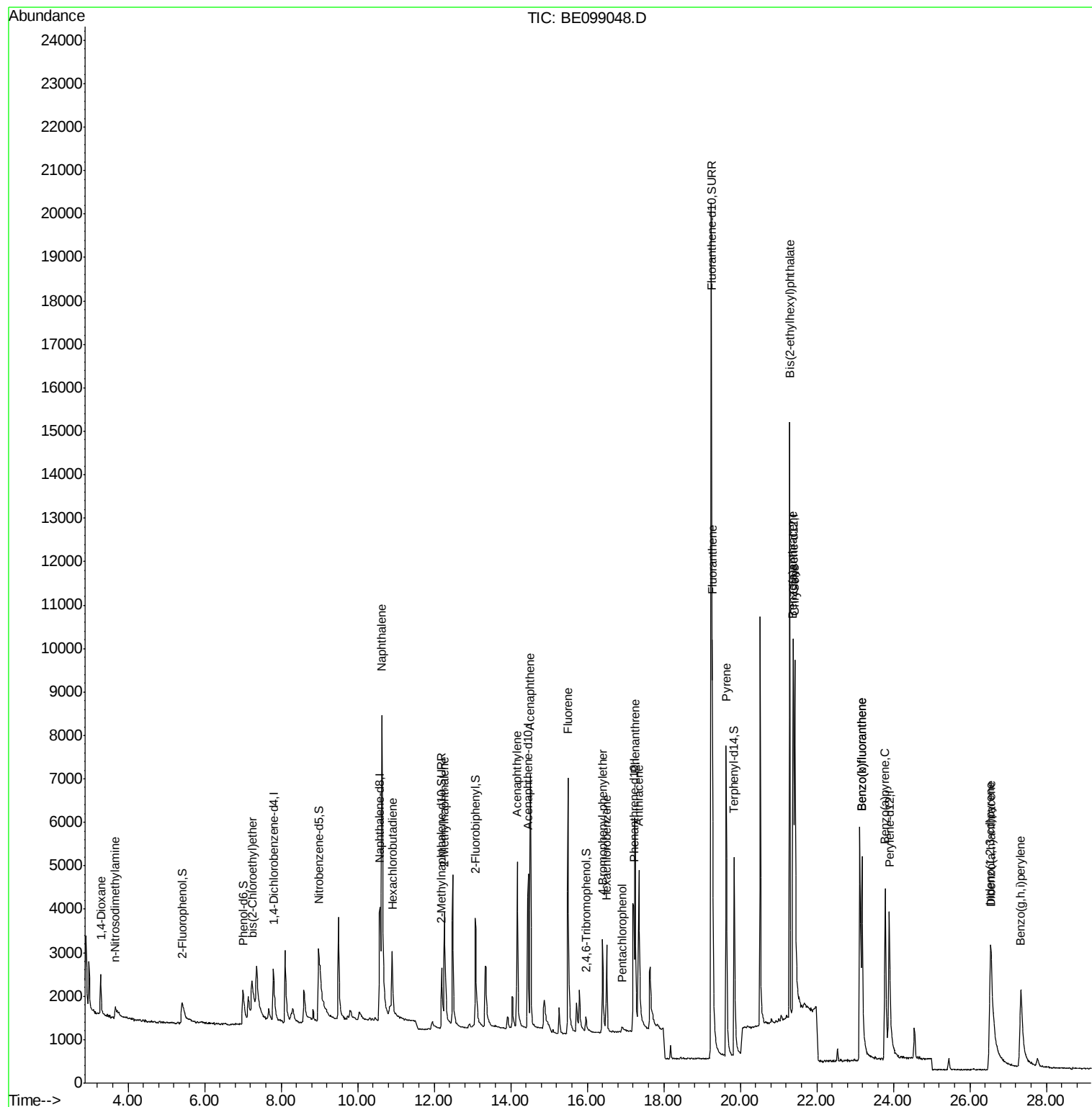
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	584	0.341	ng	91
3) n-Nitrosodimethylamine	3.67	42	275	0.128	ng	# 14
6) bis(2-Chloroethyl)ether	7.24	93	931	0.336	ng	81
9) Naphthalene	10.63	128	18300	0.389	ng	99
10) Hexachlorobutadiene	10.91	225	1162	0.374	ng	99
12) 2-Methylnaphthalene	12.27	142	2815	0.369	ng	99
16) Acenaphthylene	14.17	152	5339	0.390	ng	97
17) Acenaphthene	14.52	154	3217	0.397	ng	98
18) Fluorene	15.50	166	4388	0.375	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1559	0.448	ng	93
21) Hexachlorobenzene	16.50	284	1644	0.398	ng	96
22) Pentachlorophenol	16.91	266	162	0.380	ng	93
23) Phenanthrene	17.24	178	6907	0.379	ng	99
24) Anthracene	17.35	178	5105	0.328	ng	99
26) Fluoranthene	19.27	202	8709	0.338	ng	100
28) Pyrene	19.63	202	8935	0.419	ng	99
30) Benzo(a)anthracene	21.38	228	7070	0.325	ng	98
31) Chrysene	21.43	228	9538	0.410	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	15572	0.337	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7727	0.315	ng	95
35) Benzo(b)fluoranthene	23.18	252	8851	0.397	ng	97
36) Benzo(k)fluoranthene	23.18	252	9136	0.392	ng	99
37) Benzo(a)pyrene	23.79	252	8037	0.376	ng	# 82
38) Dibenzo(a,h)anthracene	26.57	278	4218	0.209	ng	# 95
39) Benzo(g,h,i)perylene	27.34	276	6530	0.309	ng	98

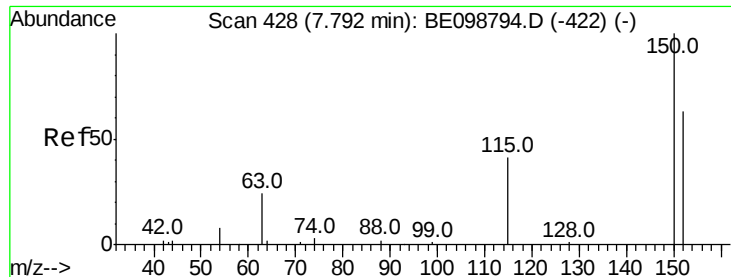
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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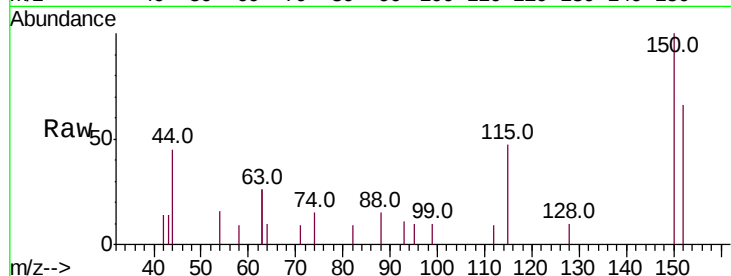


#1

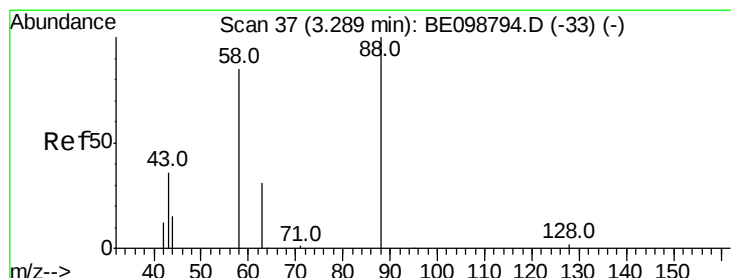
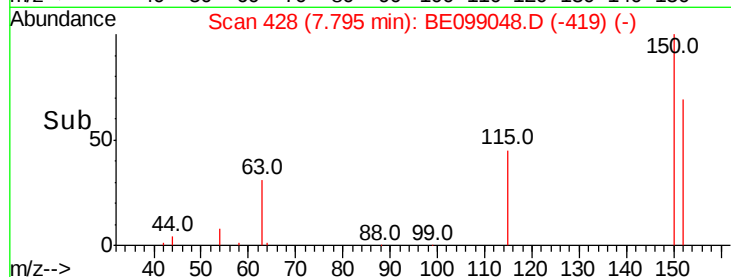
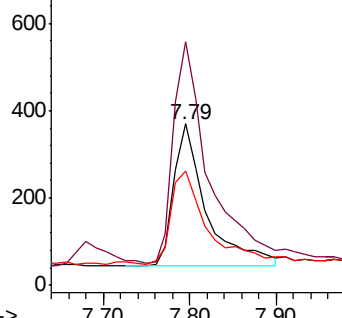
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 851
Ion Ratio Lower Upper
152 100
150 151.2 122.5 183.7
115 71.3 57.4 86.2



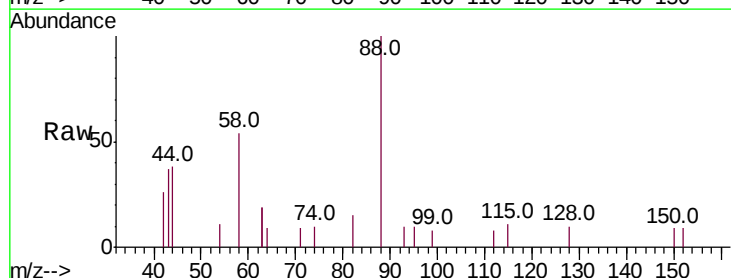
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



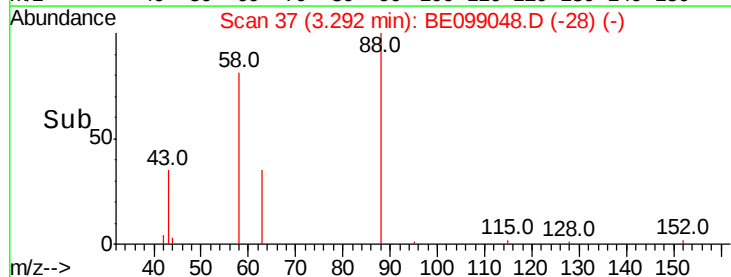
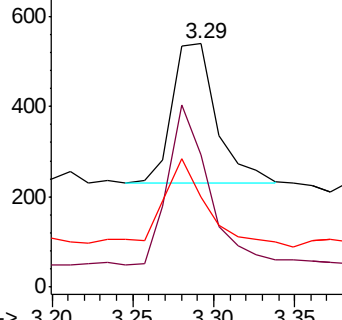
#2

1,4-Dioxane
Concen: 0.341 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion: 88 Resp: 584
Ion Ratio Lower Upper
88 100
58 107.0 75.8 113.6
43 54.8 41.8 62.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



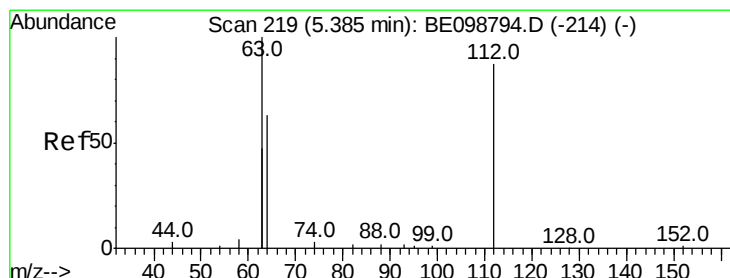
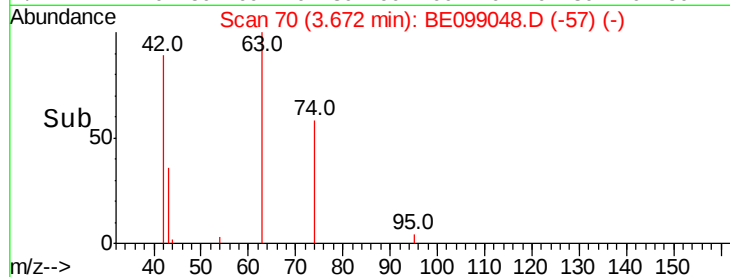
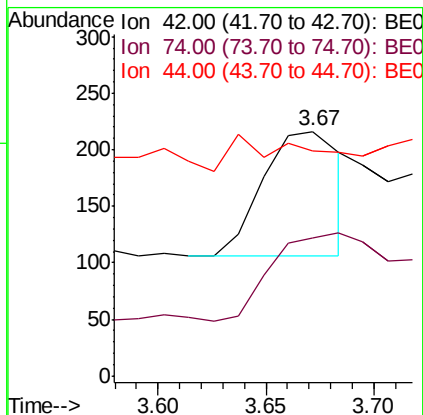
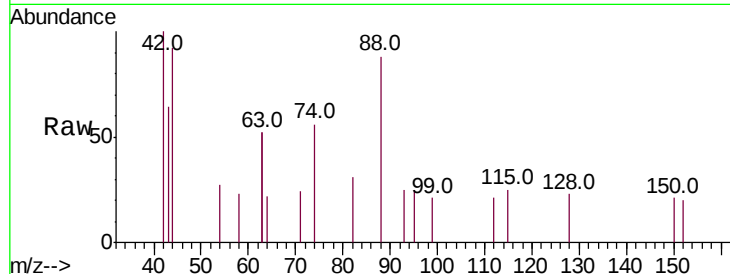


#3

n-Nitrosodimethylamine
 Concen: 0.128 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.05 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

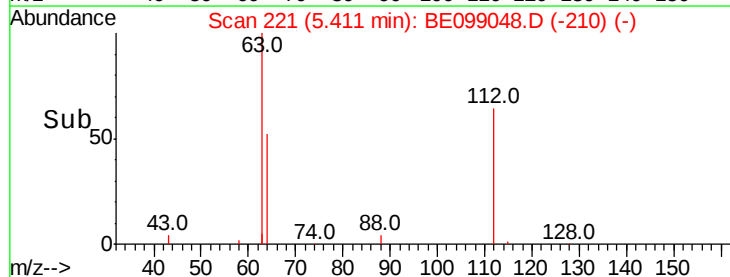
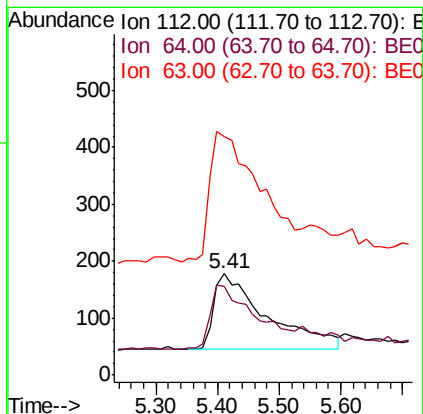
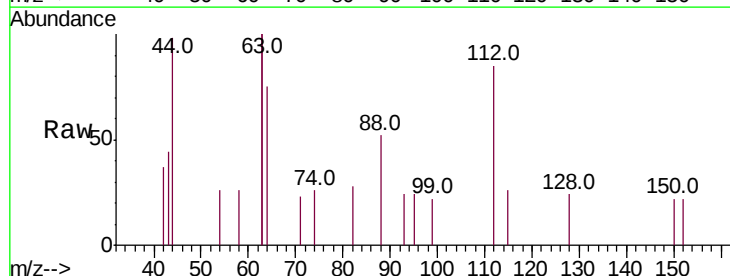
Tot Ion: 42 Resp: 275
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0

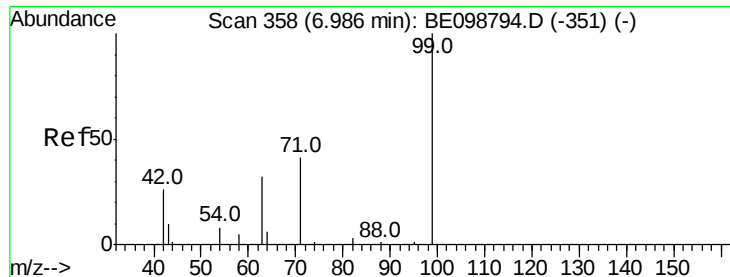


#4

2-Fluorophenol
 Concen: 0.312 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.03 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Tgt Ion: 112 Resp: 794
 Ion Ratio Lower Upper
 112 100
 64 75.1 57.9 86.9
 63 171.3 158.3 237.5





#5

Phenol-d6

Concen: 0.389 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

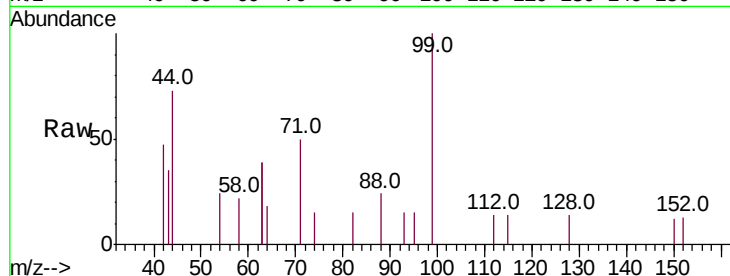
Tot Ion: 99 Resp: 1399

Ion Ratio Lower Upper

99 100

42 31.1 24.2 36.2

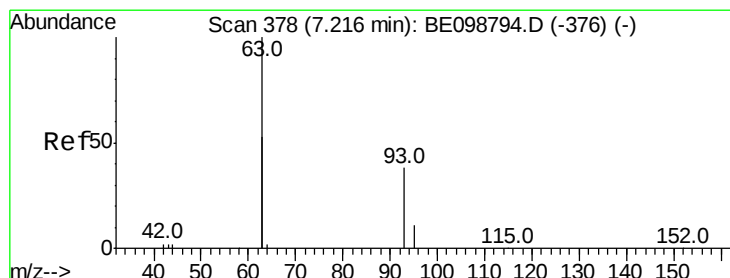
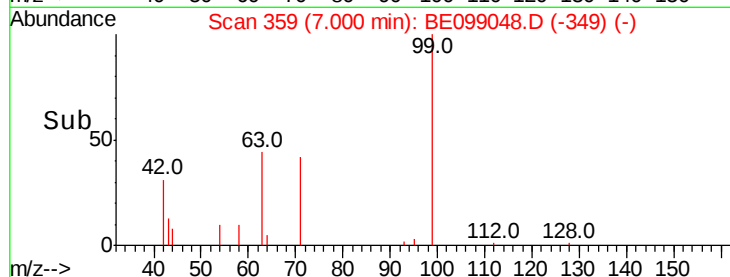
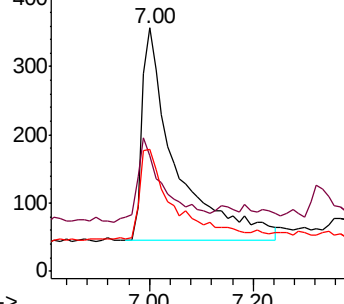
71 42.7 35.7 53.5



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: 0.336 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.03 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

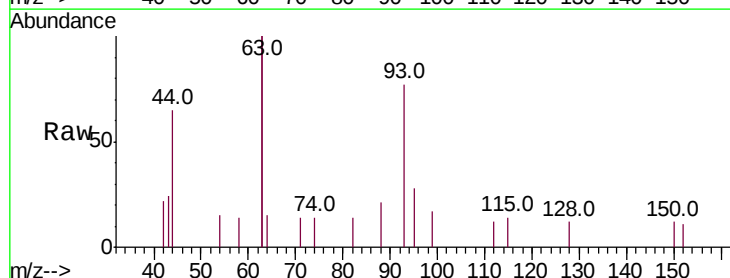
Tgt Ion: 93 Resp: 931

Ion Ratio Lower Upper

93 100

63 268.6 247.5 371.3

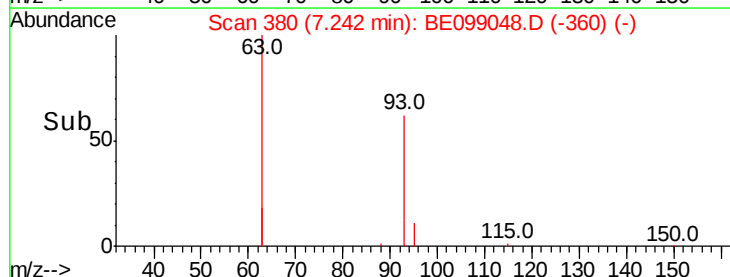
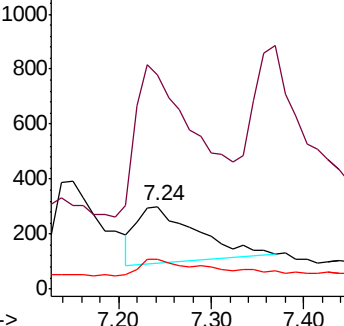
95 27.7 21.8 32.8

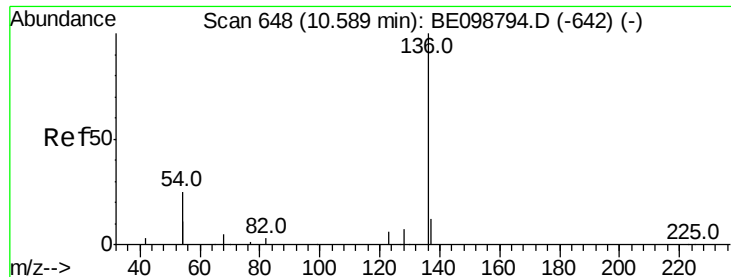


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4105

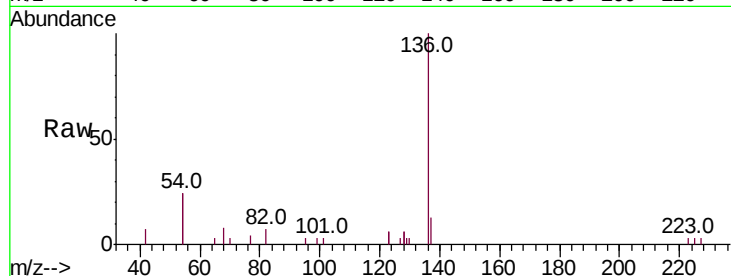
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 47.7 39.3 58.9

68 7.5 6.7 10.1

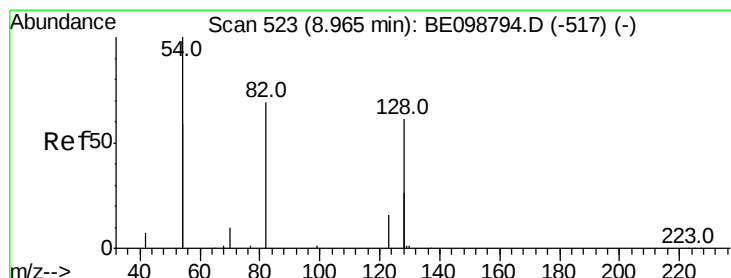
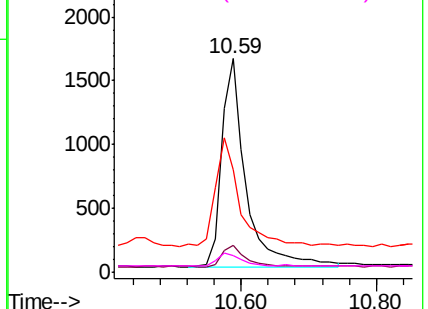
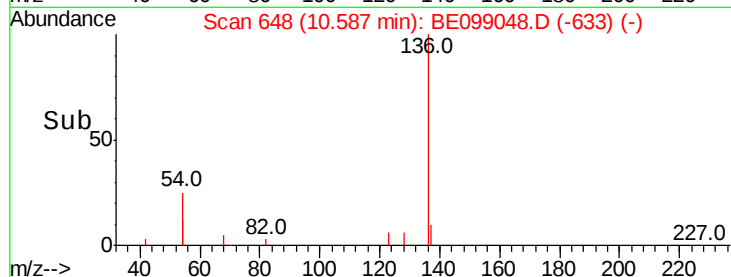


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

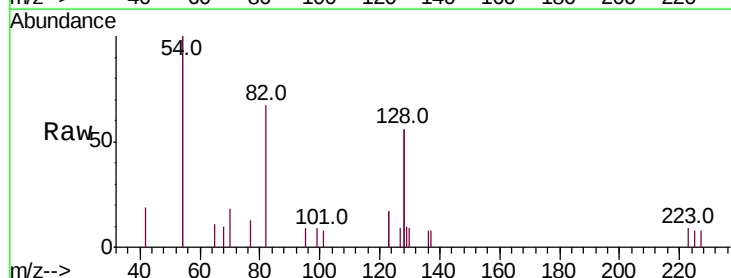
Tgt Ion: 82 Resp: 1352

Ion Ratio Lower Upper

82 100

128 165.5 123.8 185.8

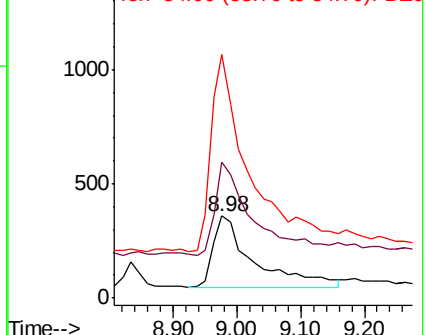
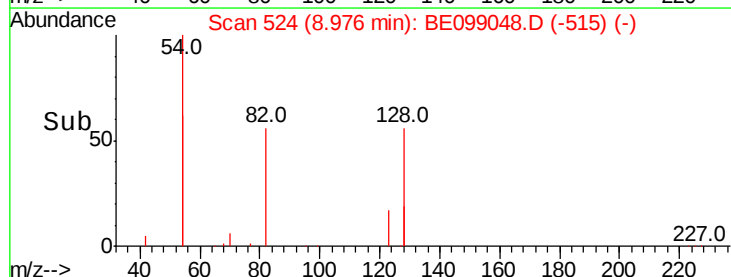
54 296.9 203.4 305.2

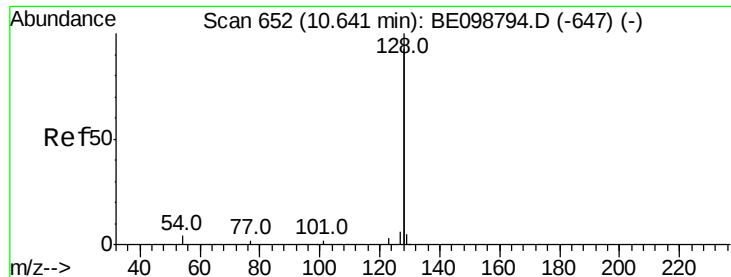


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.389 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

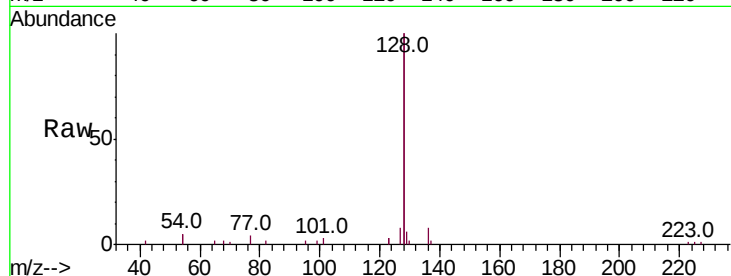
Tot Ion:128 Resp: 18300

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

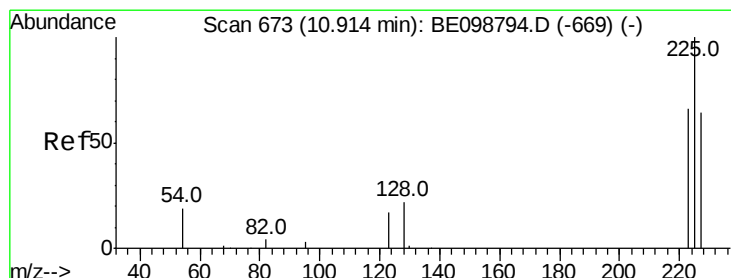
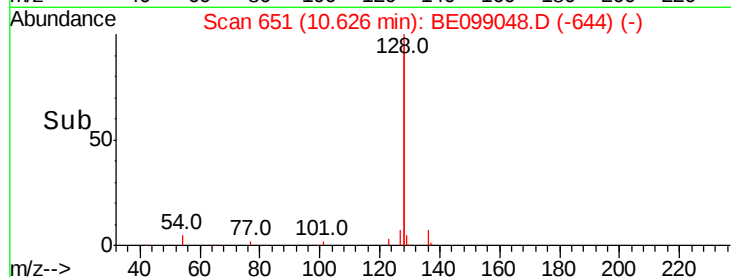
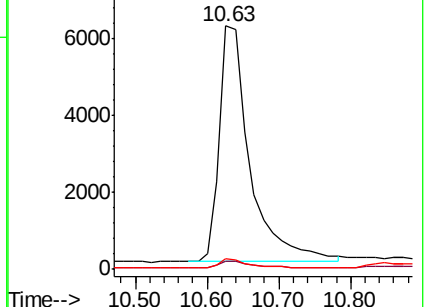
127 4.2 3.1 4.7



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: 0.374 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

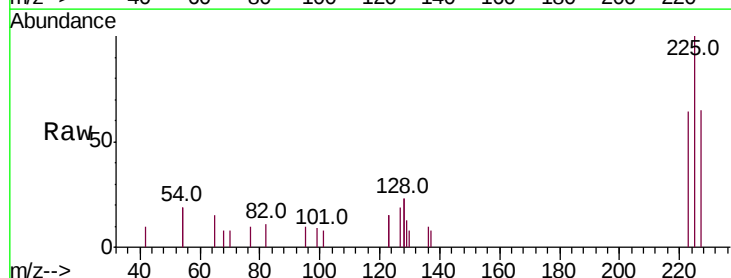
Tgt Ion:225 Resp: 1162

Ion Ratio Lower Upper

225 100

223 64.1 51.1 76.7

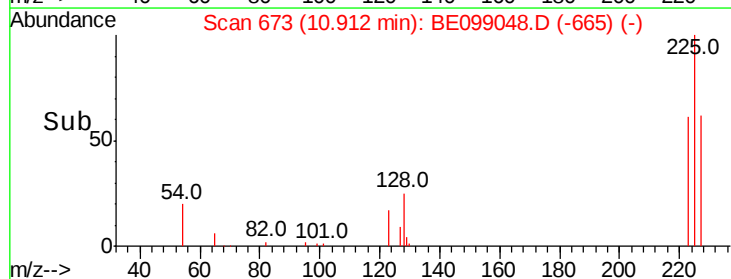
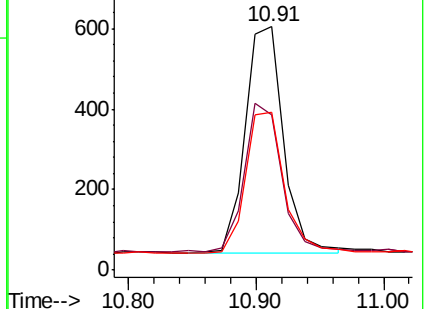
227 62.4 51.6 77.4

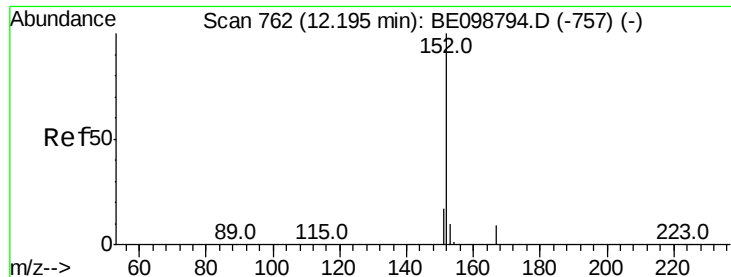


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

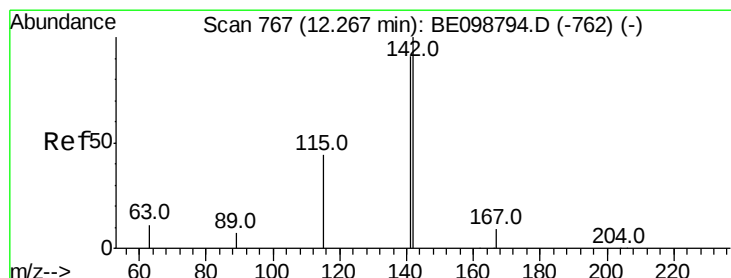
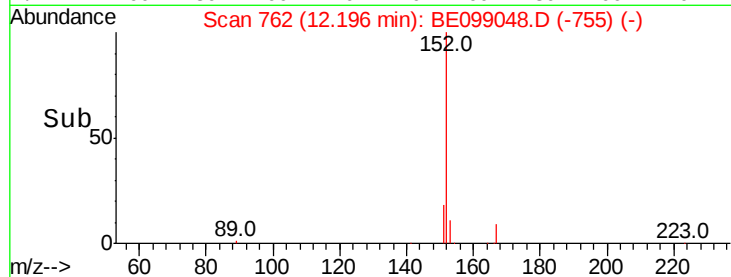
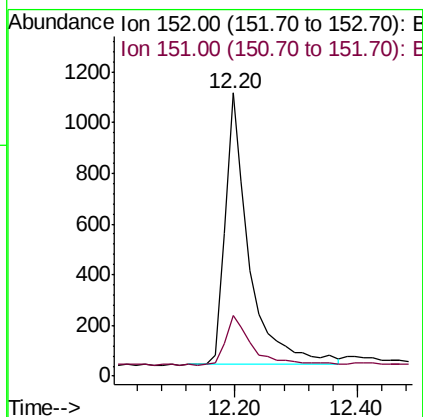
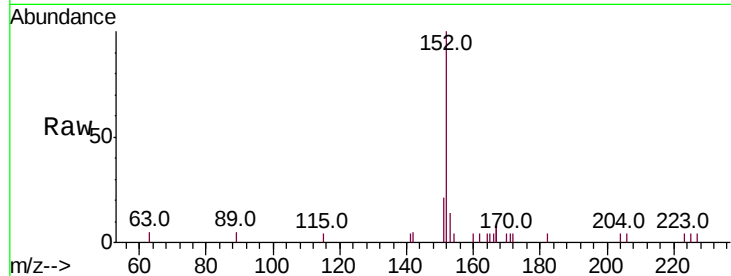




#11
 2-Methylnaphthalene-d10
 Concen: 0.389 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

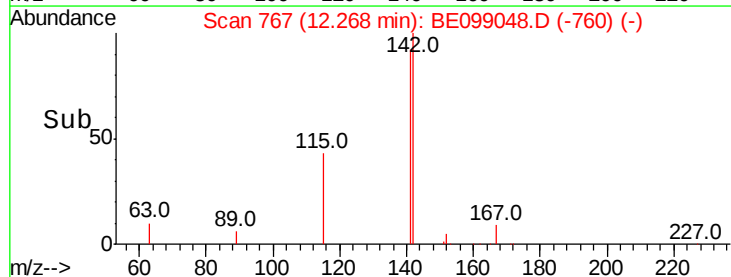
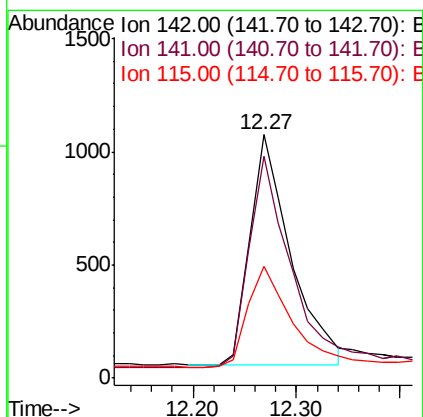
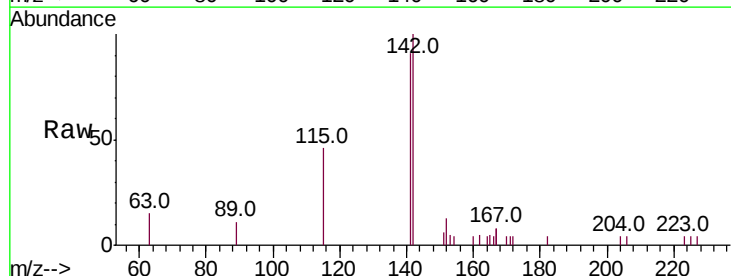
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

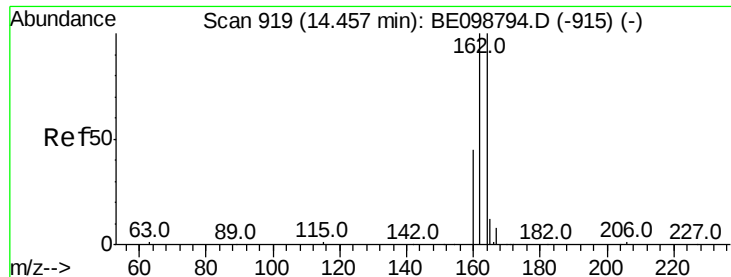
Tot Ion:152 Resp: 2954
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.369 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Tgt Ion:142 Resp: 2815
 Ion Ratio Lower Upper
 142 100
 141 91.2 72.6 108.8
 115 45.7 37.4 56.2

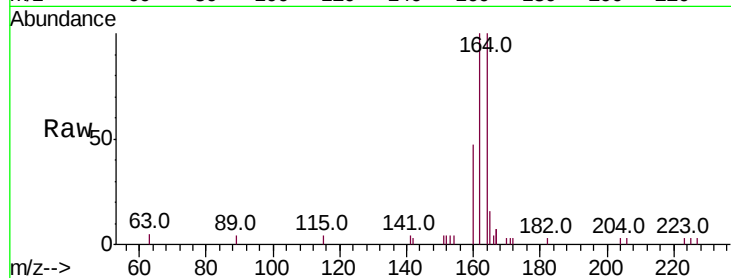




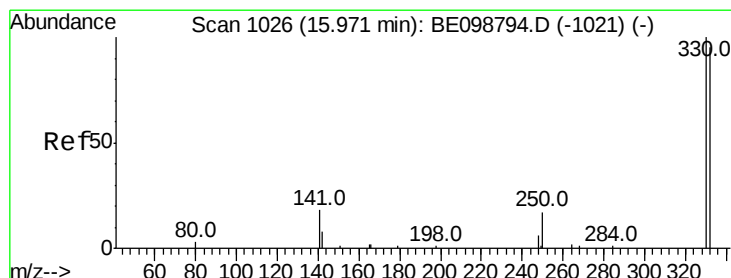
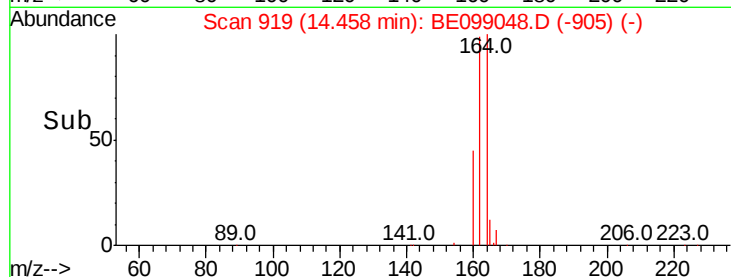
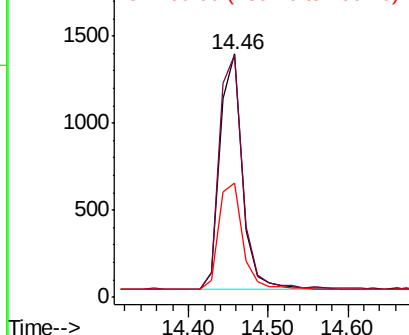
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:164 Resp: 2659
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.2 120.2
 160 47.0 37.8 56.8

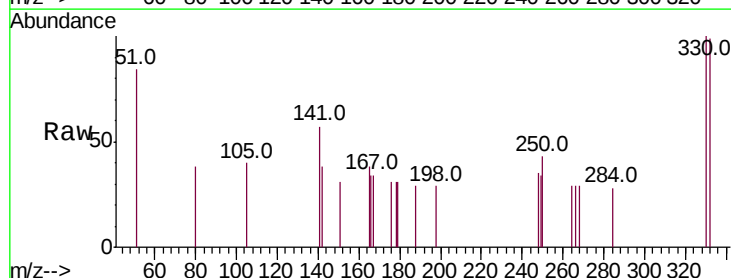


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

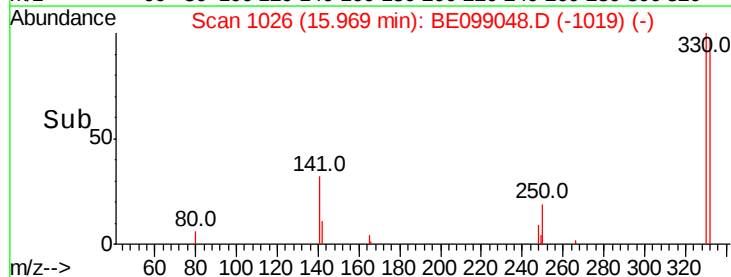
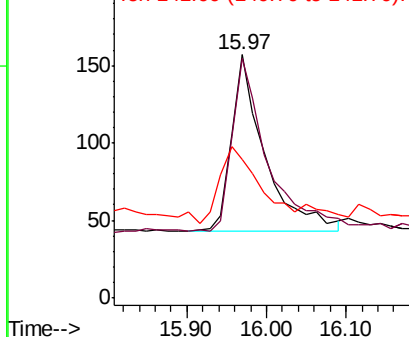


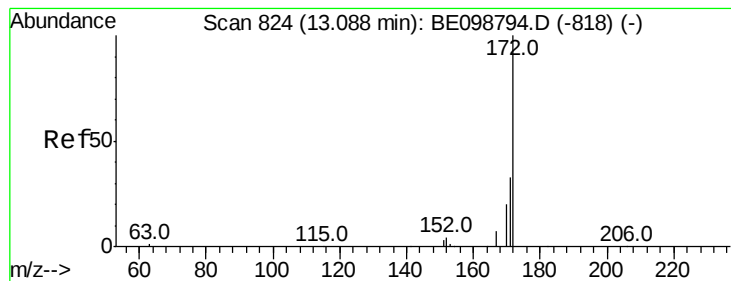
#14
 2,4,6-Tribromophenol
 Concen: 0.249 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Tgt Ion:330 Resp: 334
 Ion Ratio Lower Upper
 330 100
 332 109.3 77.6 116.4
 141 51.5 31.0 46.4#



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

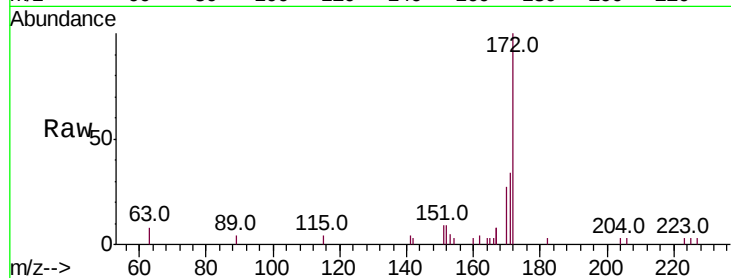




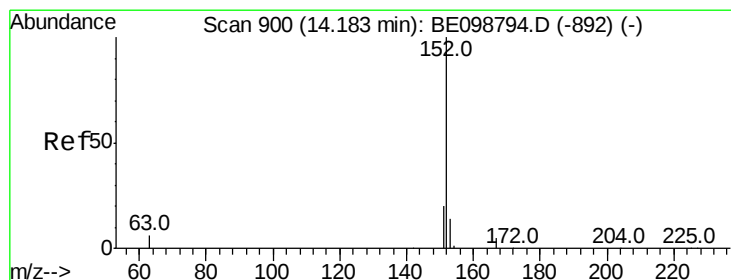
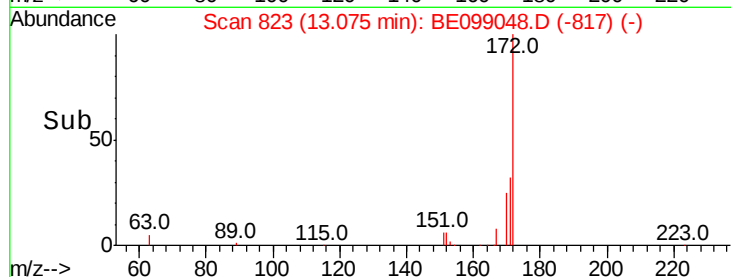
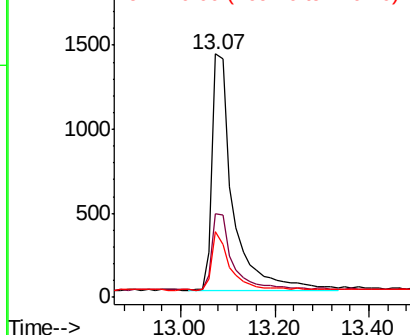
#15
 2-Fluorobiphenyl
 Concen: 0.391 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:172 Resp: 4299
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.0 42.0
 170 27.1 17.7 26.5#

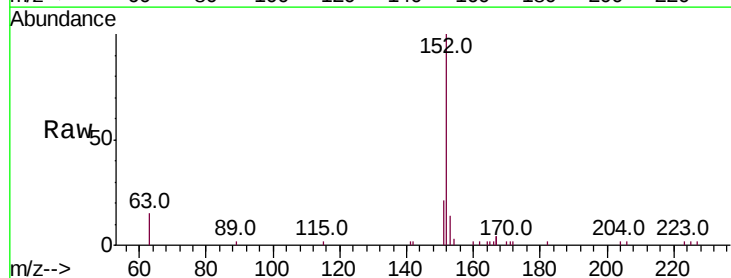


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

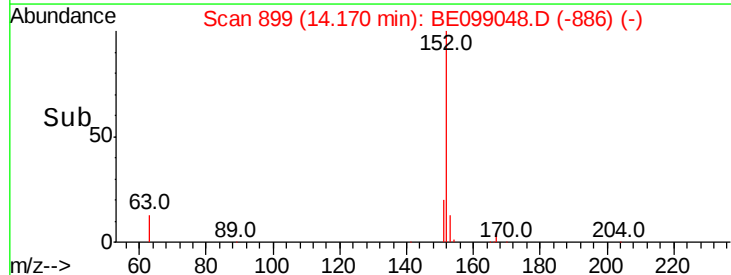
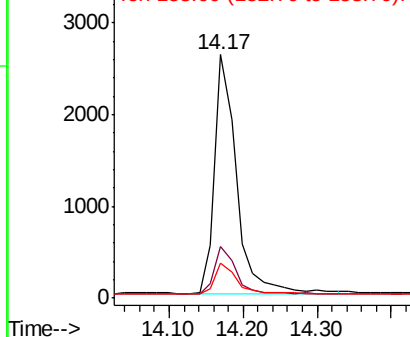


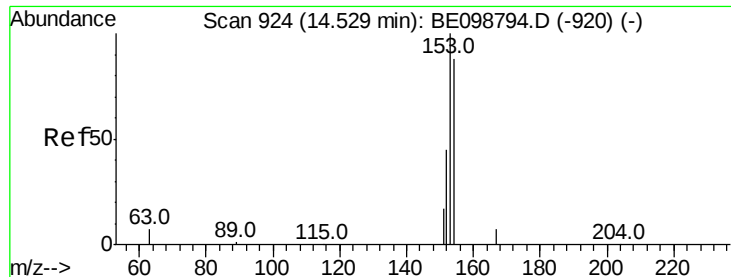
#16
 Acenaphthylene
 Concen: 0.390 ng
 RT: 14.17 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Tgt Ion:152 Resp: 5339
 Ion Ratio Lower Upper
 152 100
 151 19.7 17.0 25.6
 153 12.9 11.2 16.8



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

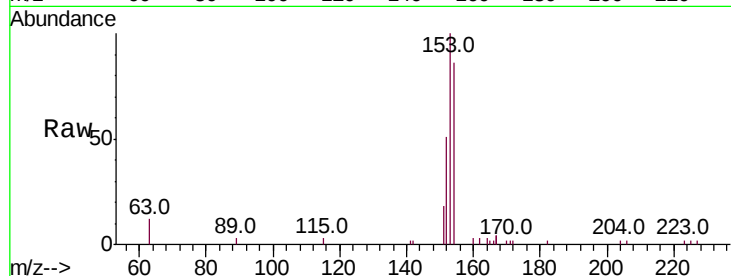




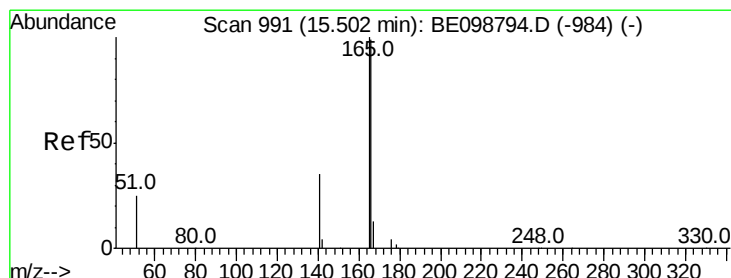
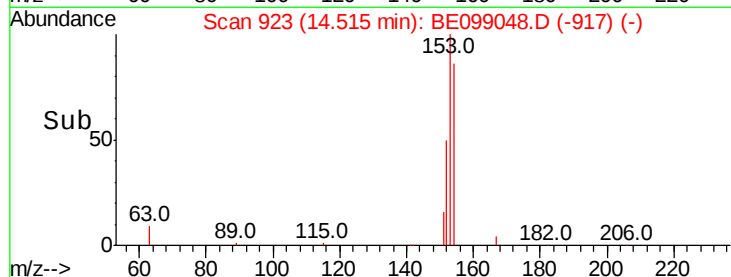
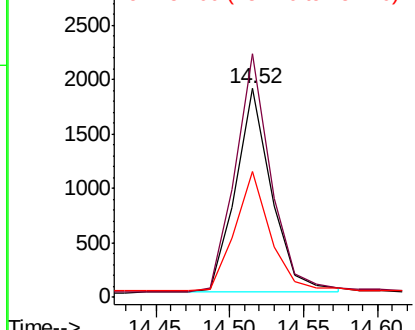
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 3217
Ion Ratio Lower Upper
154 100
153 116.0 94.2 141.4
152 58.1 45.0 67.4

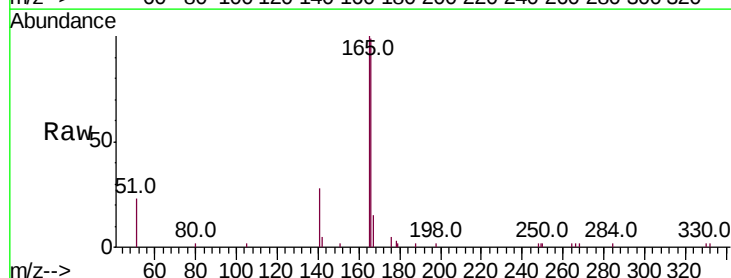


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

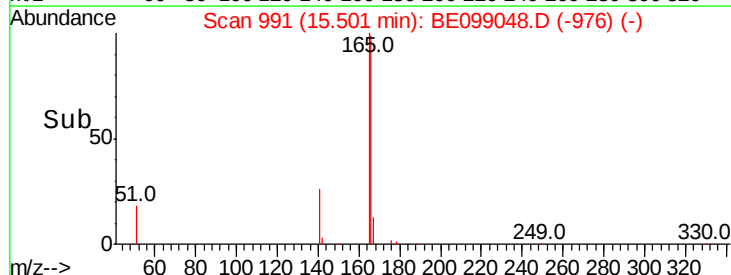
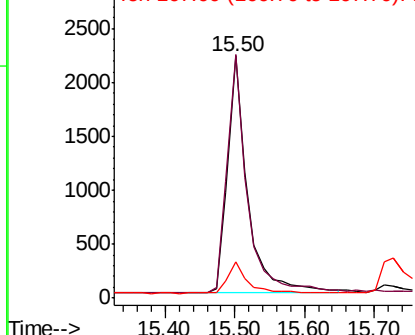


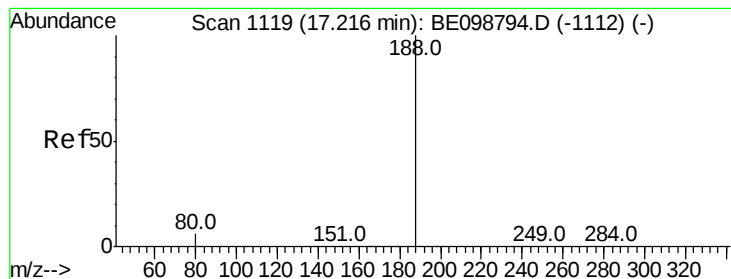
#18
Fluorene
Concen: 0.375 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099048.D
Acq: 19 Mar 2019 23:37

Tgt Ion:166 Resp: 4388
Ion Ratio Lower Upper
166 100
165 100.1 79.3 118.9
167 13.3 10.5 15.7



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

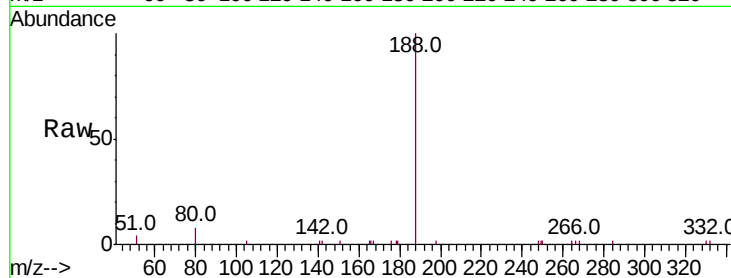
Tot Ion:188 Resp: 6416

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

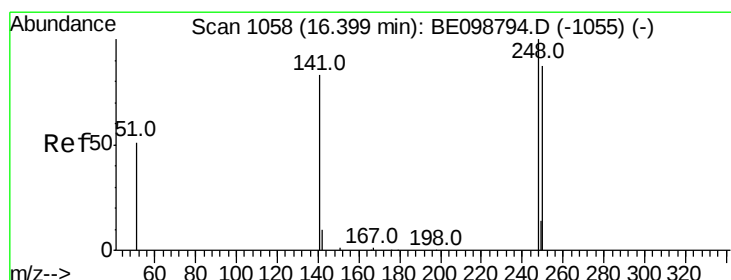
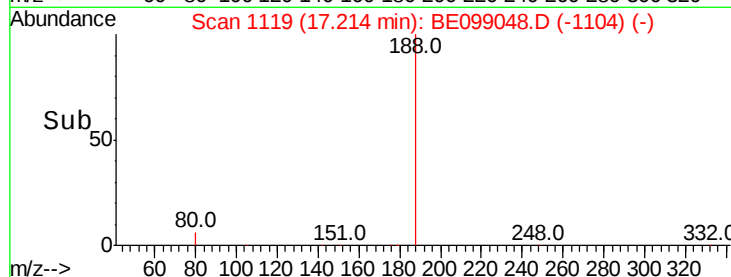
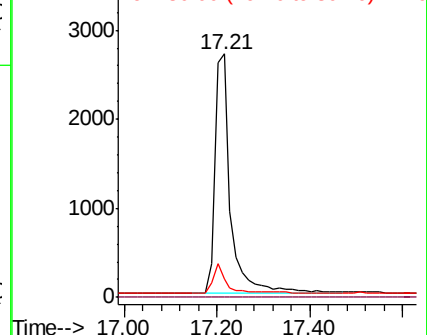
80 7.7 6.3 9.5



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: 0.448 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

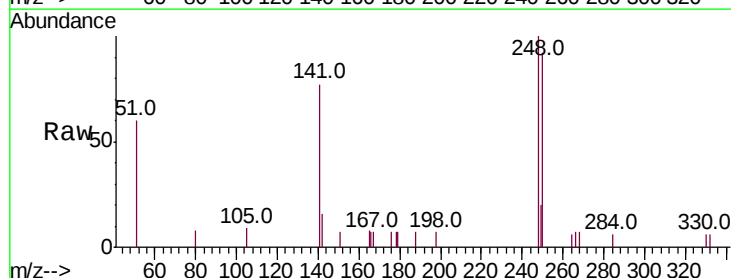
Tgt Ion:248 Resp: 1559

Ion Ratio Lower Upper

248 100

250 91.7 70.6 105.8

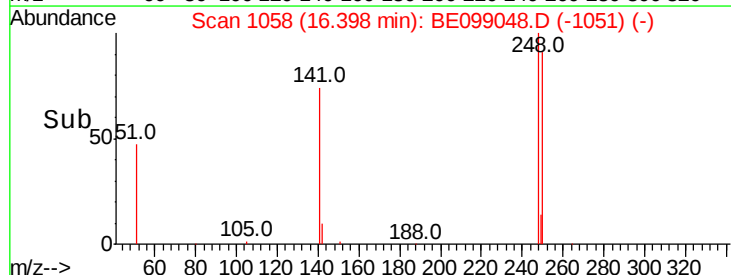
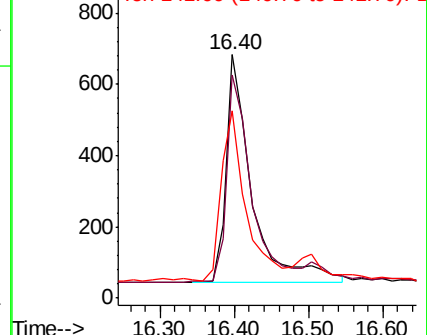
141 76.9 68.6 102.8

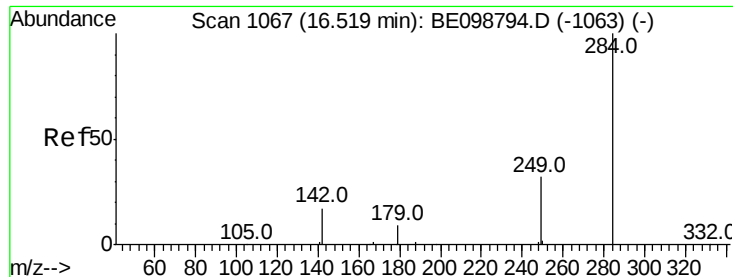


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.398 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

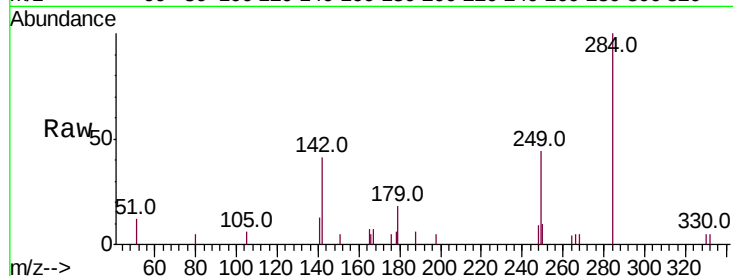
Tot Ion:284 Resp: 1644

Ion Ratio Lower Upper

284 100

142 35.4 28.7 43.1

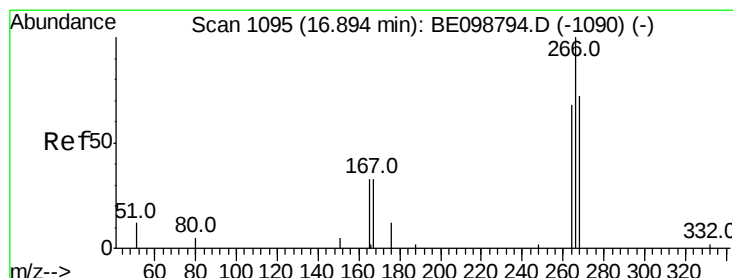
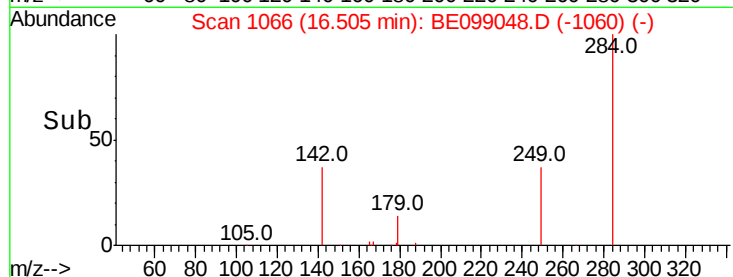
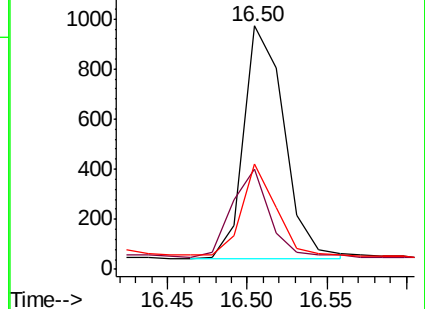
249 32.8 29.6 44.4



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: 0.380 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

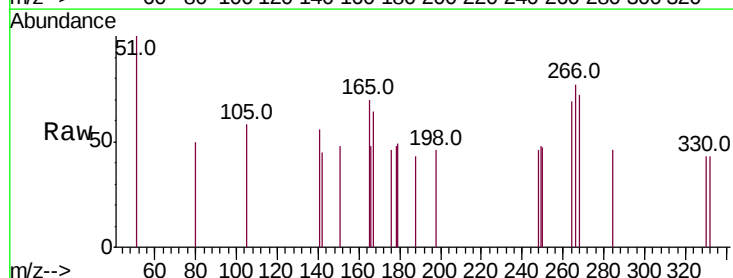
Tgt Ion:266 Resp: 162

Ion Ratio Lower Upper

266 100

264 89.9 66.6 100.0

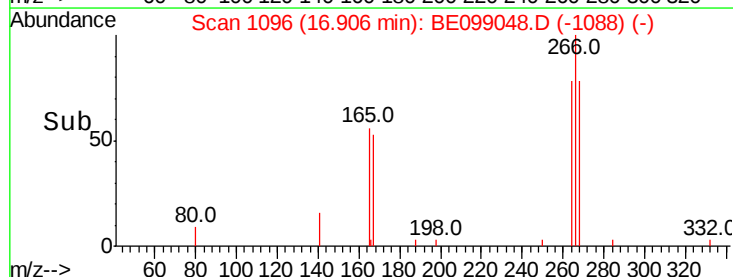
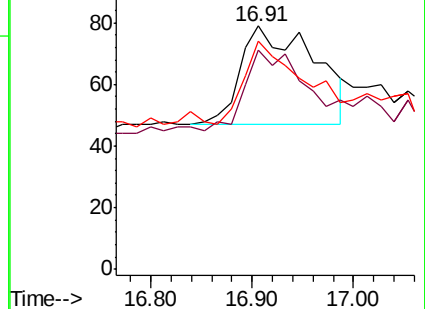
268 93.7 69.8 104.8

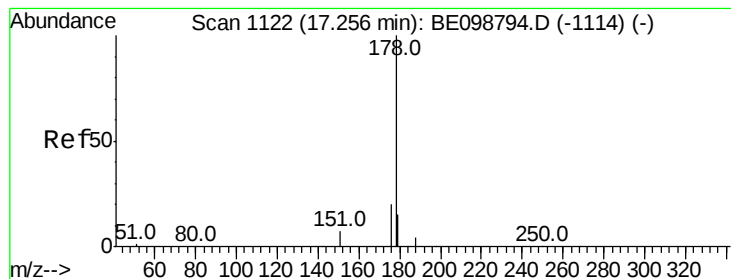


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

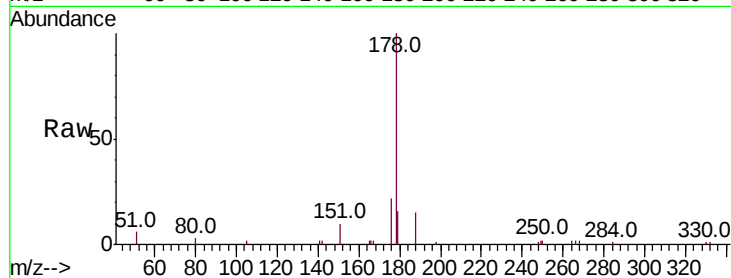
Tot Ion:178 Resp: 6907

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

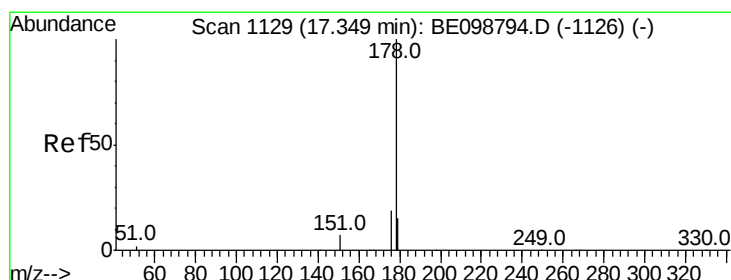
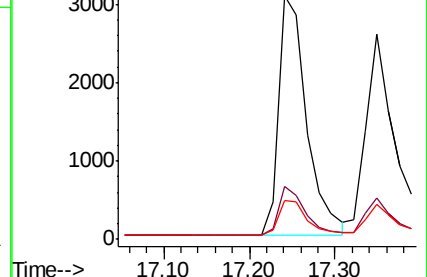
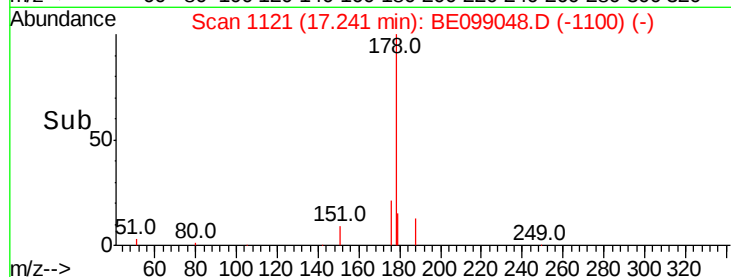
179 15.3 12.1 18.1



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: 0.328 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

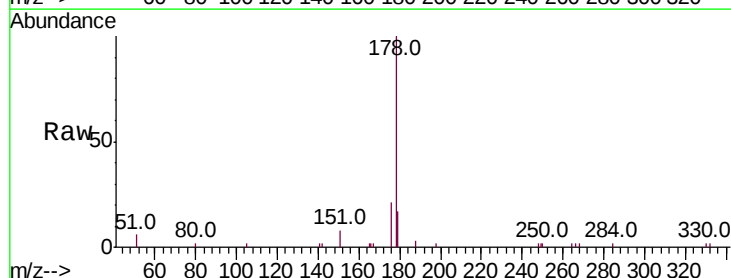
Tgt Ion:178 Resp: 5105

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

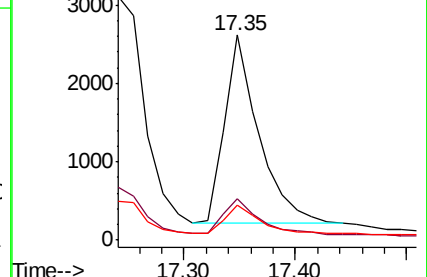
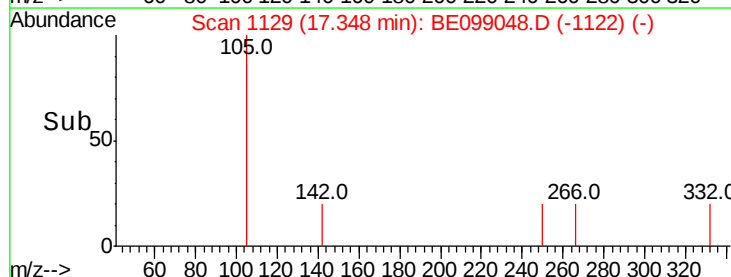
179 15.1 12.2 18.4

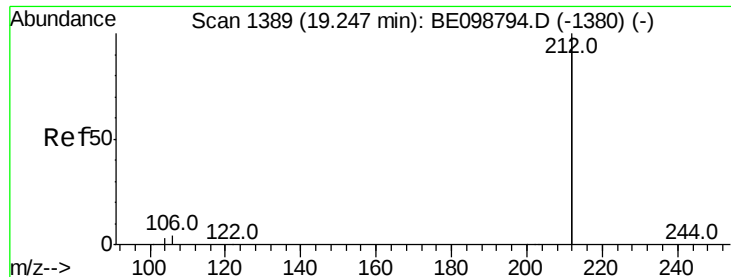


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

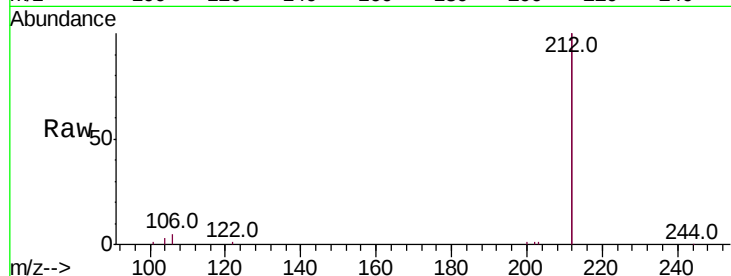
Tot Ion:212 Resp: 34565

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

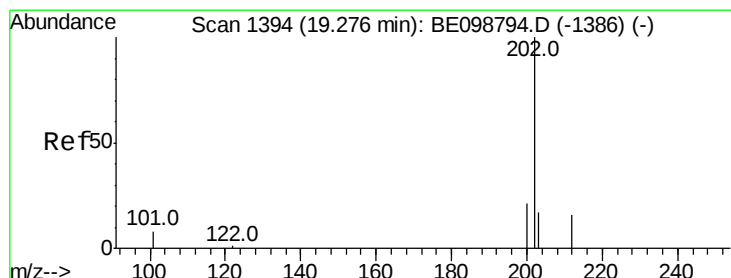
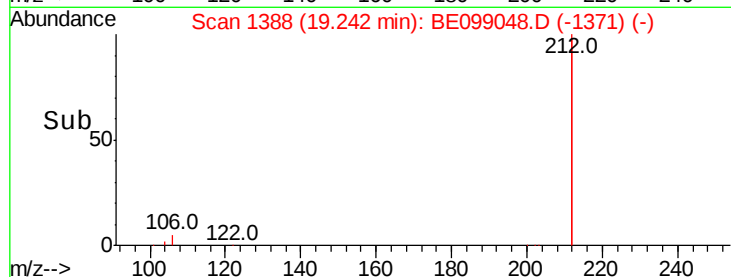
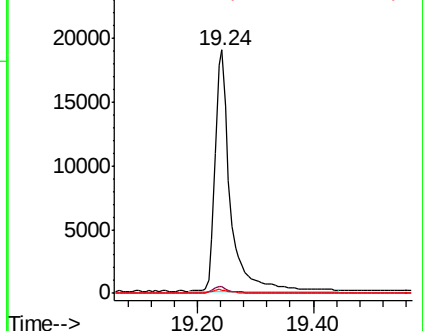
104 1.3 1.0 1.6



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: 0.338 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

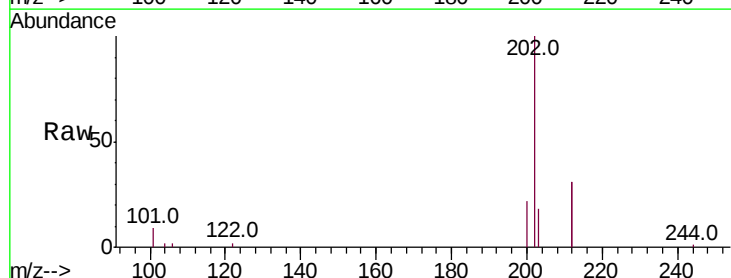
Tgt Ion:202 Resp: 8709

Ion Ratio Lower Upper

202 100

101 9.1 7.3 10.9

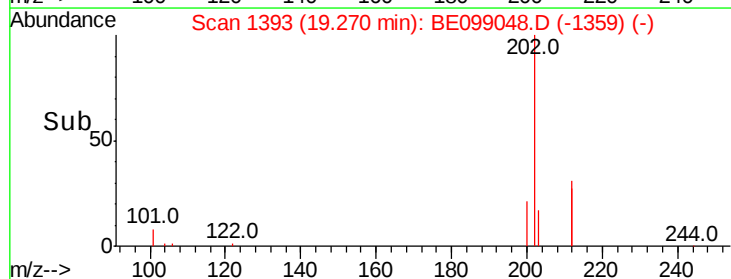
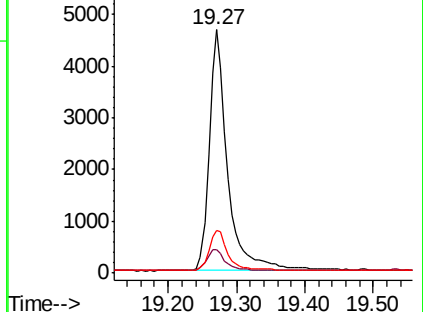
203 16.9 13.4 20.2

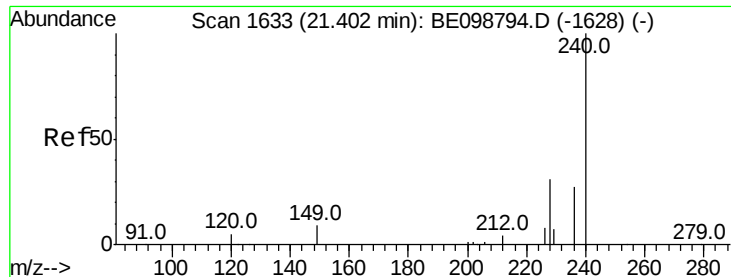


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

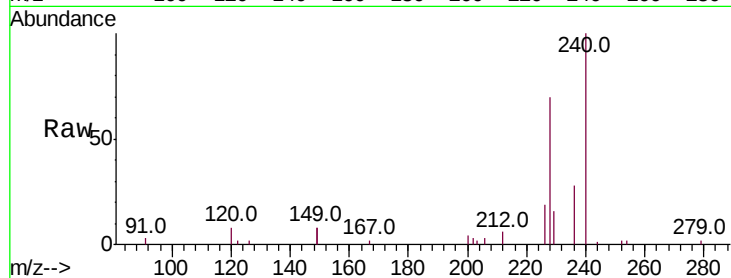
Tot Ion:240 Resp: 6966

Ion Ratio Lower Upper

240 100

120 8.0 5.0 7.4#

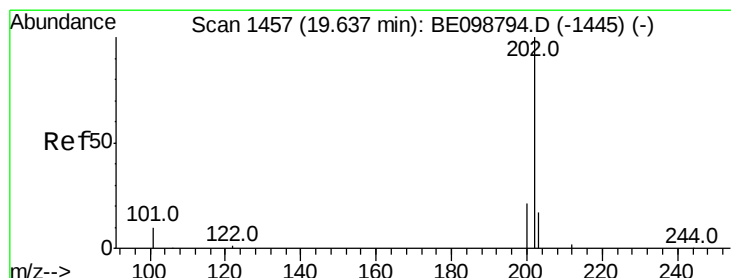
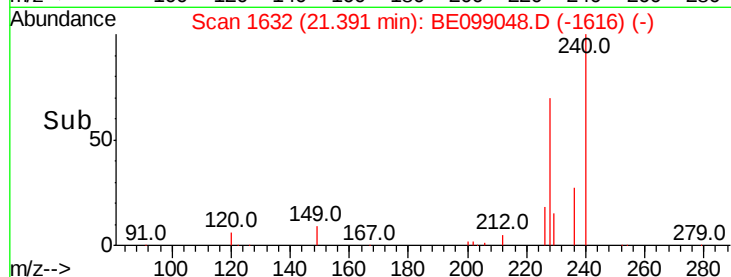
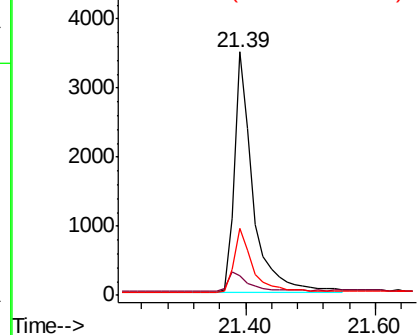
236 27.6 22.7 34.1



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: 0.419 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

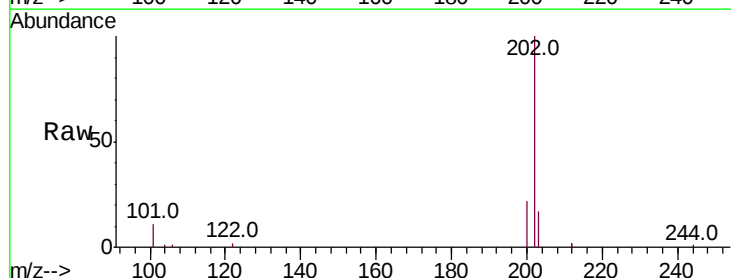
Tgt Ion:202 Resp: 8935

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

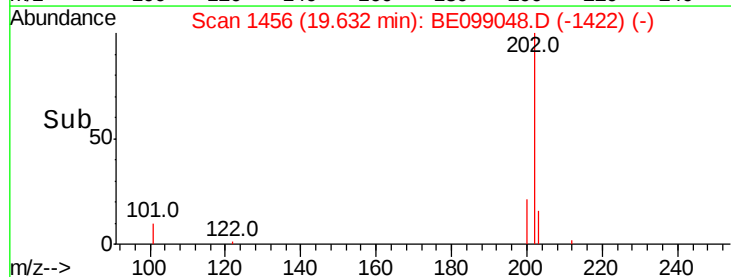
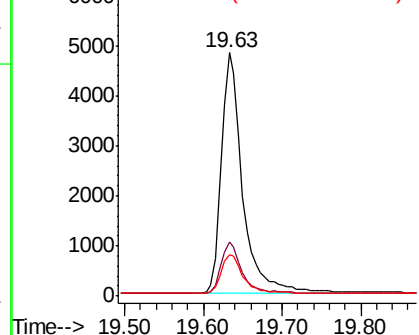
203 17.0 14.2 21.2

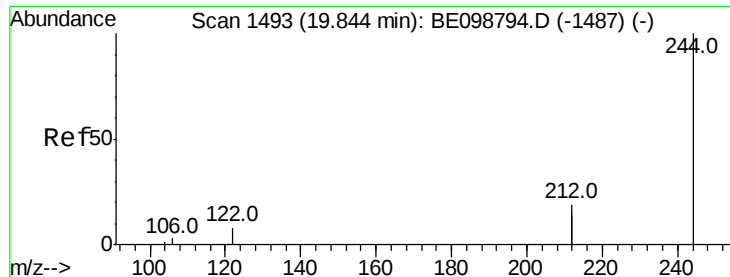


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

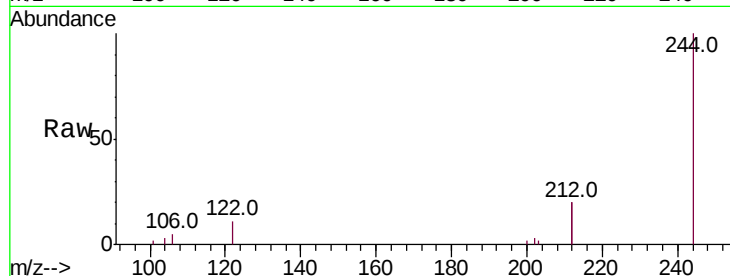
Tot Ion:244 Resp: 6442

Ion Ratio Lower Upper

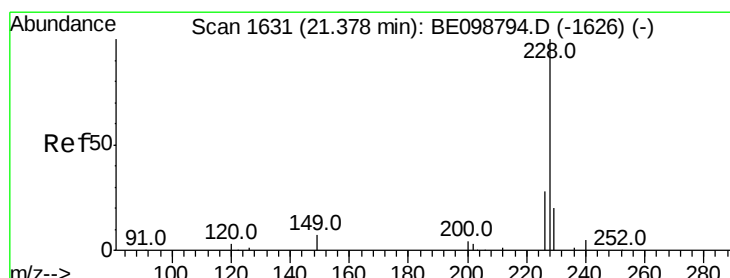
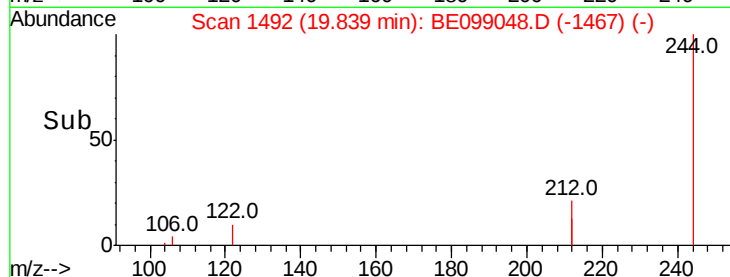
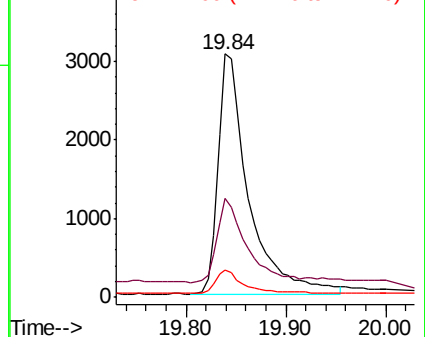
244 100

212 40.9 29.4 44.2

122 11.1 7.1 10.7#



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: 0.325 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

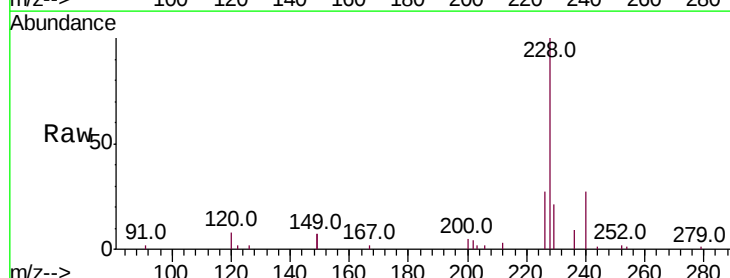
Tgt Ion:228 Resp: 7070

Ion Ratio Lower Upper

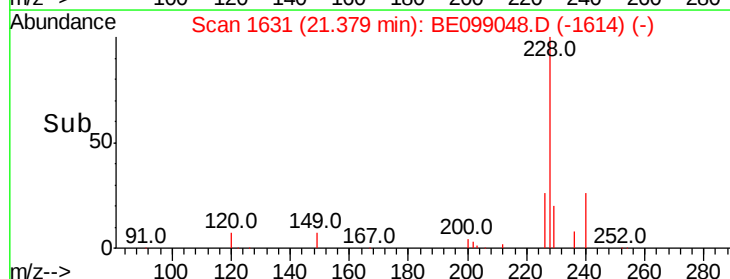
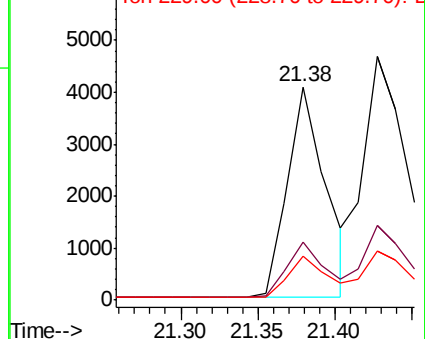
228 100

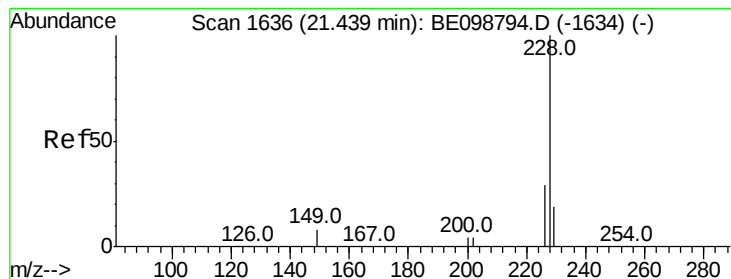
226 27.3 23.0 34.4

229 20.8 16.5 24.7



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: 0.410 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

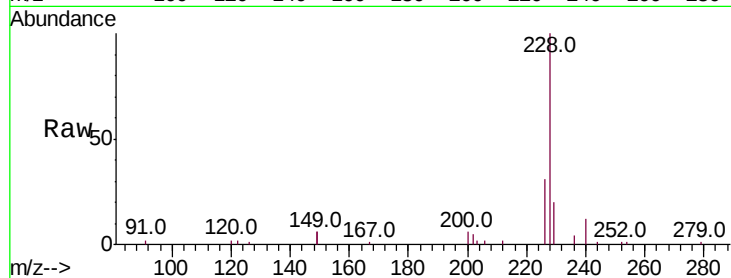
Tot Ion:228 Resp: 9538

Ion Ratio Lower Upper

228 100

226 30.9 23.7 35.5

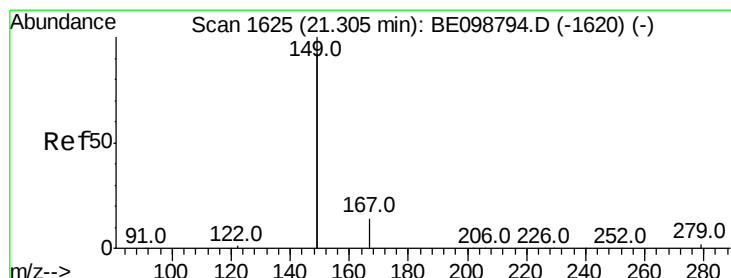
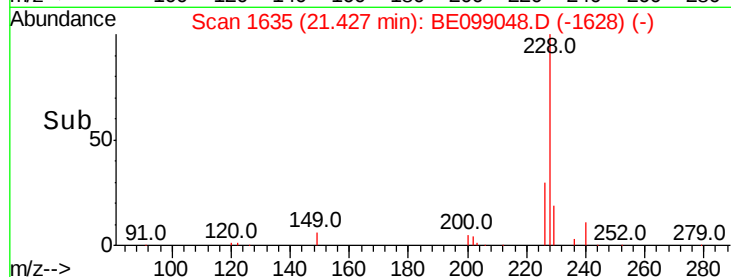
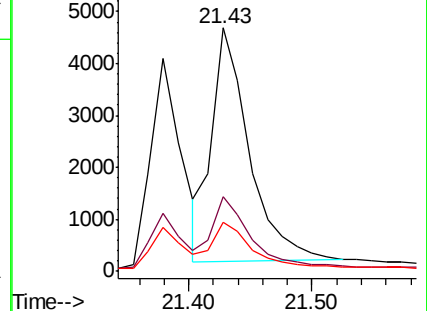
229 19.9 16.1 24.1



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: 0.337 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

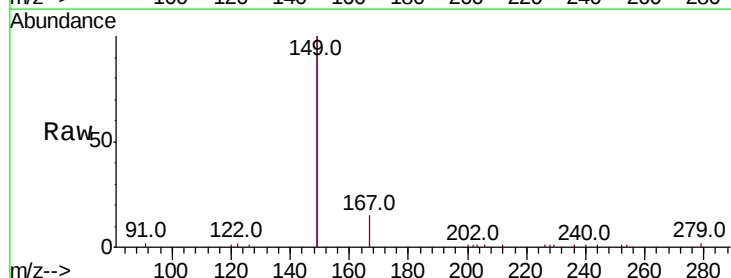
Tgt Ion:149 Resp: 15572

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

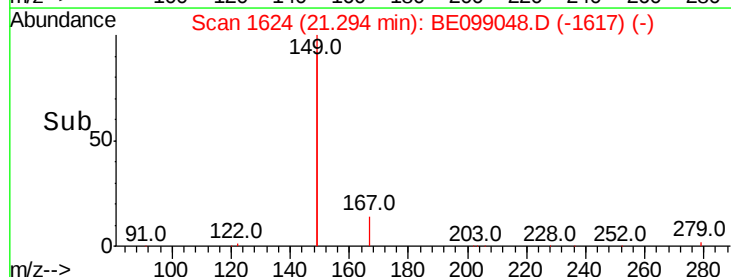
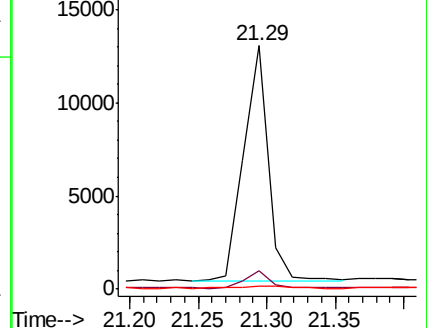
279 1.1 1.0 1.4

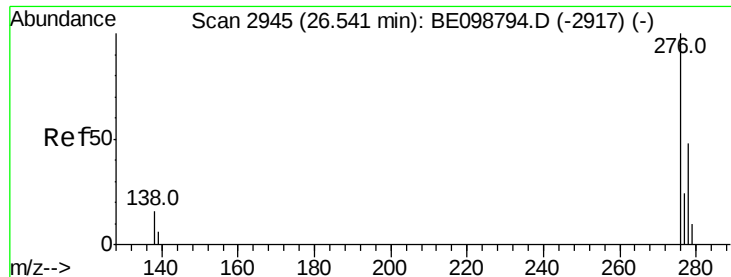


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

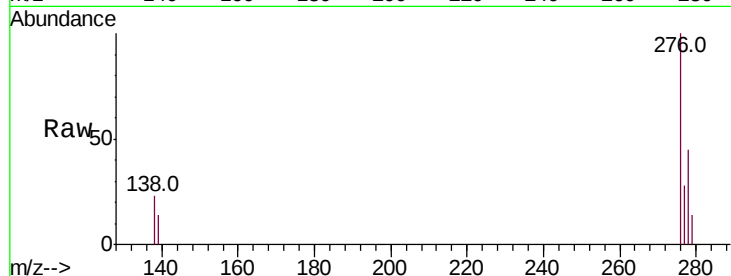




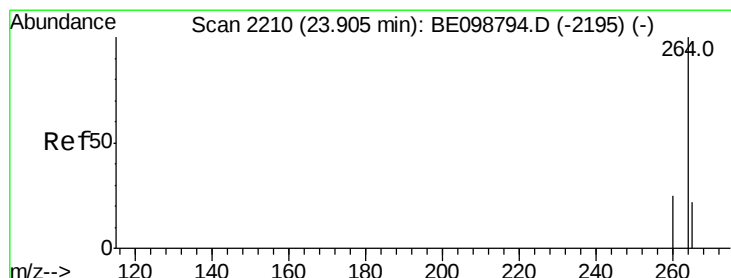
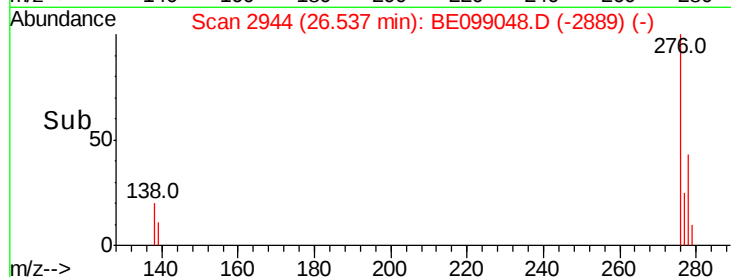
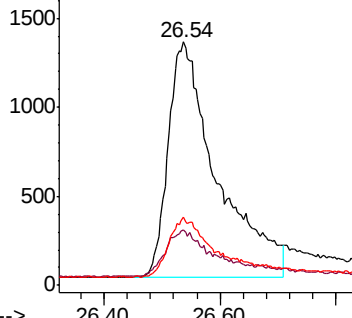
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.315 ng
 RT: 26.54 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 7727
 Ion Ratio Lower Upper
 276 100
 138 17.5 13.8 20.8
 277 20.3 19.5 29.3

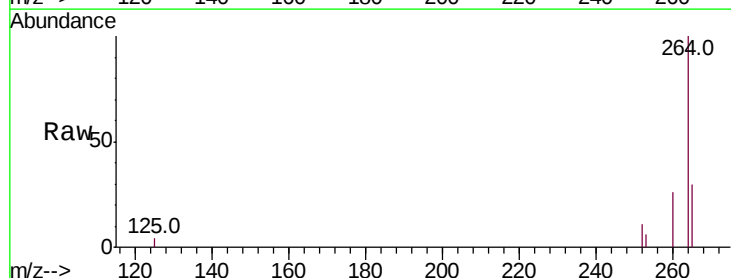


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

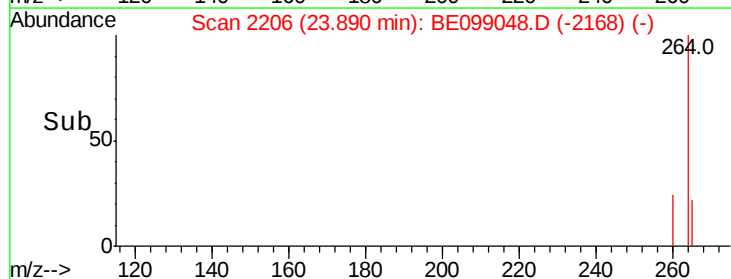
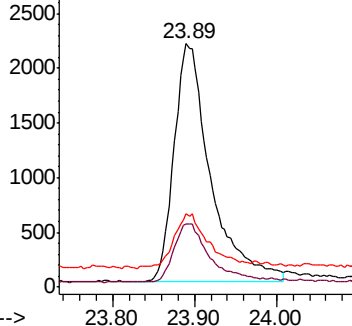


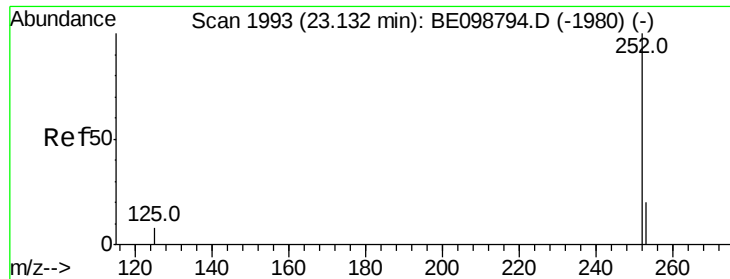
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE099048.D
 Acq: 19 Mar 2019 23:37

Tgt Ion:264 Resp: 6772
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.2 31.8
 265 30.0 24.6 36.8



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: 0.397 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.05 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

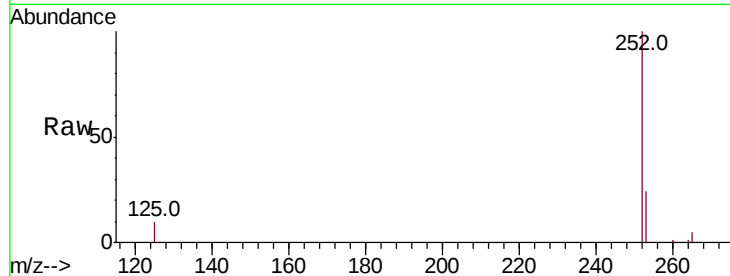
Tot Ion:252 Resp: 8851

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.2

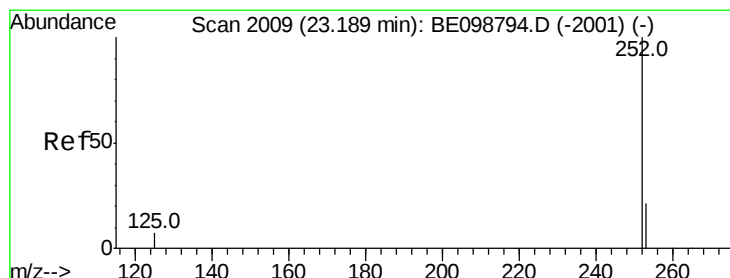
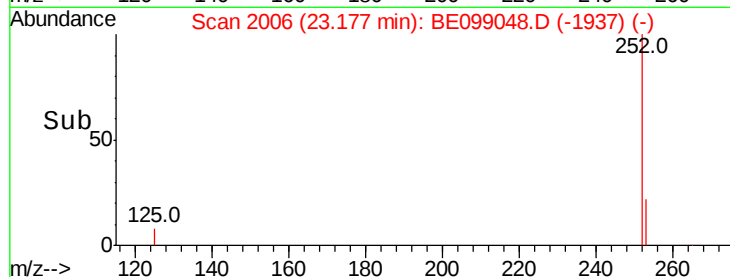
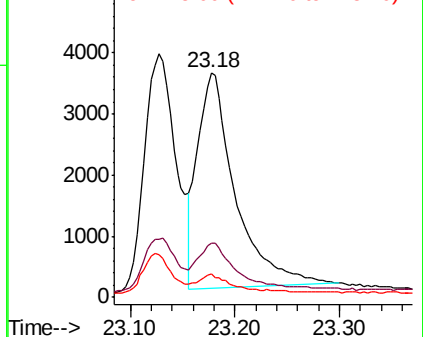
125 10.2 7.3 10.9



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: 0.392 ng

RT: 23.18 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

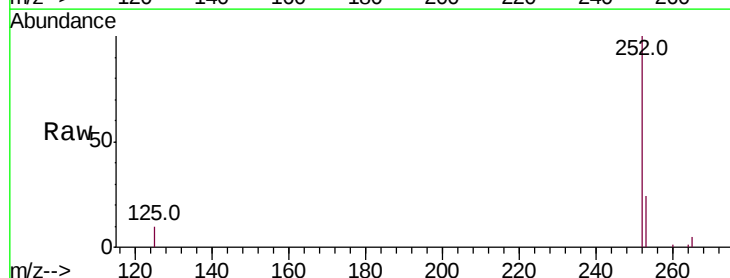
Tgt Ion:252 Resp: 9136

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

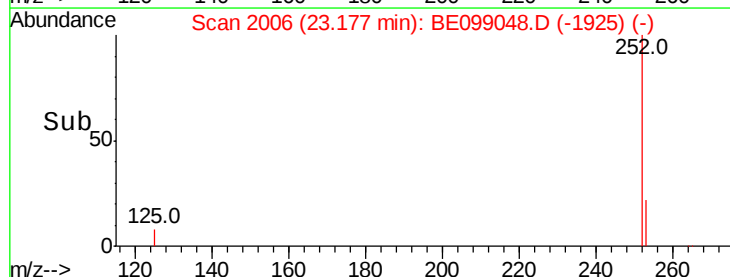
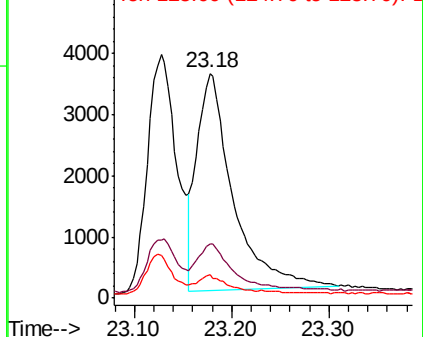
125 10.2 7.5 11.3

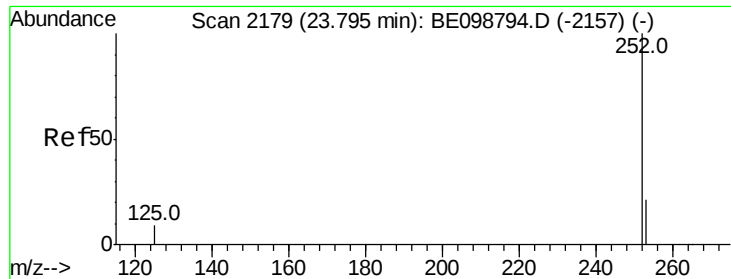


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

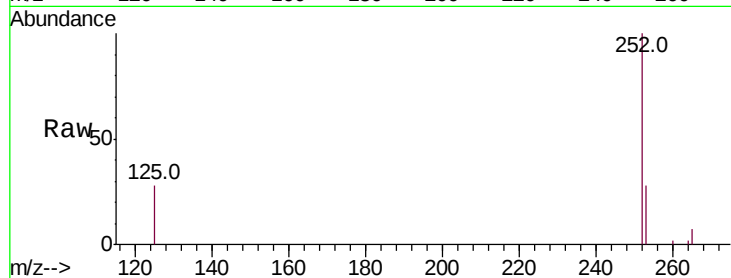
Tot Ion:252 Resp: 8037

Ion Ratio Lower Upper

252 100

253 28.2 19.9 29.9

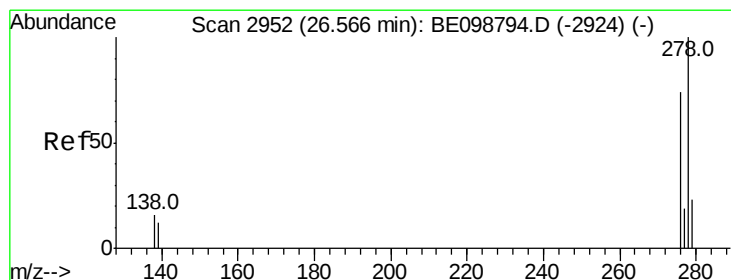
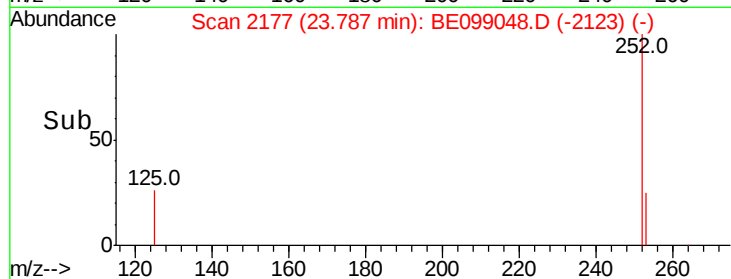
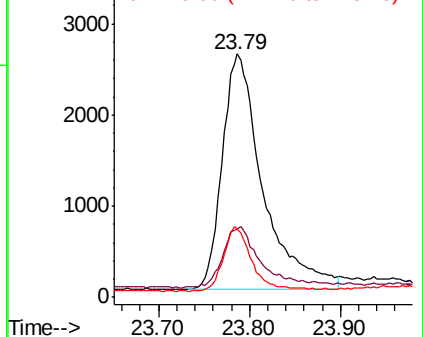
125 28.0 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.209 ng

RT: 26.57 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

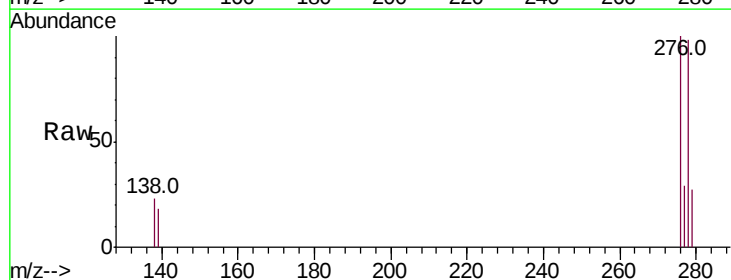
Tgt Ion:278 Resp: 4218

Ion Ratio Lower Upper

278 100

139 18.3 11.8 17.6#

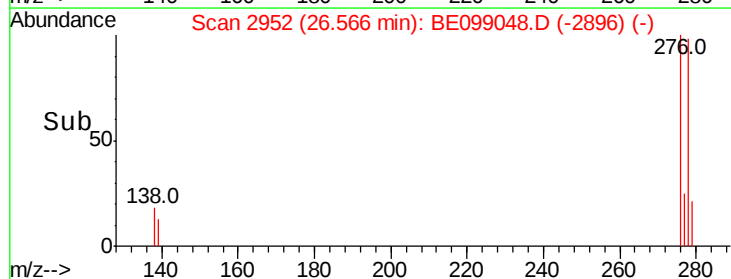
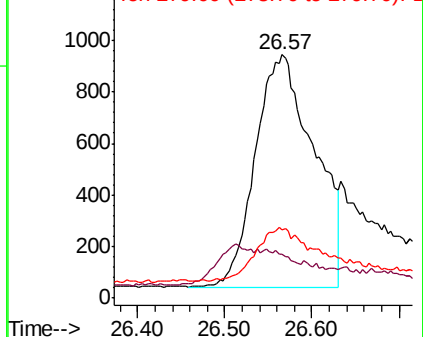
279 28.1 21.1 31.7

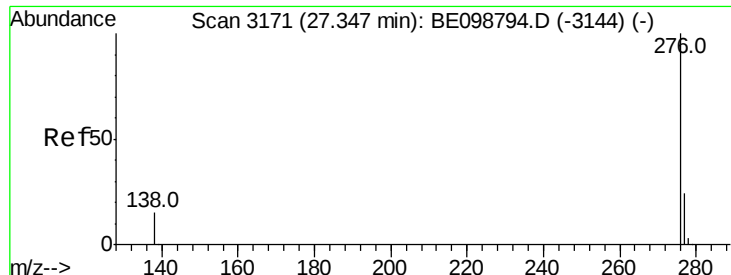


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.309 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BE099048.D

Acq: 19 Mar 2019 23:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

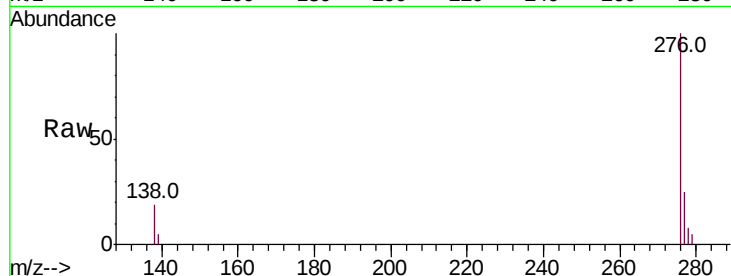
Tot Ion:276 Resp: 6530

Ion Ratio Lower Upper

276 100

277 25.2 20.4 30.6

138 18.9 13.6 20.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

