

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041819\
 Data File : BE099330.D
 Acq On : 18 Apr 2019 9:12
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Apr 18 14:01:18 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	3722	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13877	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9483	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	28460	0.40	ng	0.00
27) Chrysene-d12	21.37	240	32062	0.40	ng	0.00
34) Perylene-d12	23.86	264	31692	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	840	0.08	ng	0.00
5) Phenol-d6	6.97	99	1202	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	919	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2318	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	252	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3572	0.10	ng	0.00
25) Fluoranthene-d10	19.22	212	30199	0.08	ng	0.00
29) Terphenyl-d14	19.81	244	6003	0.10	ng	0.00

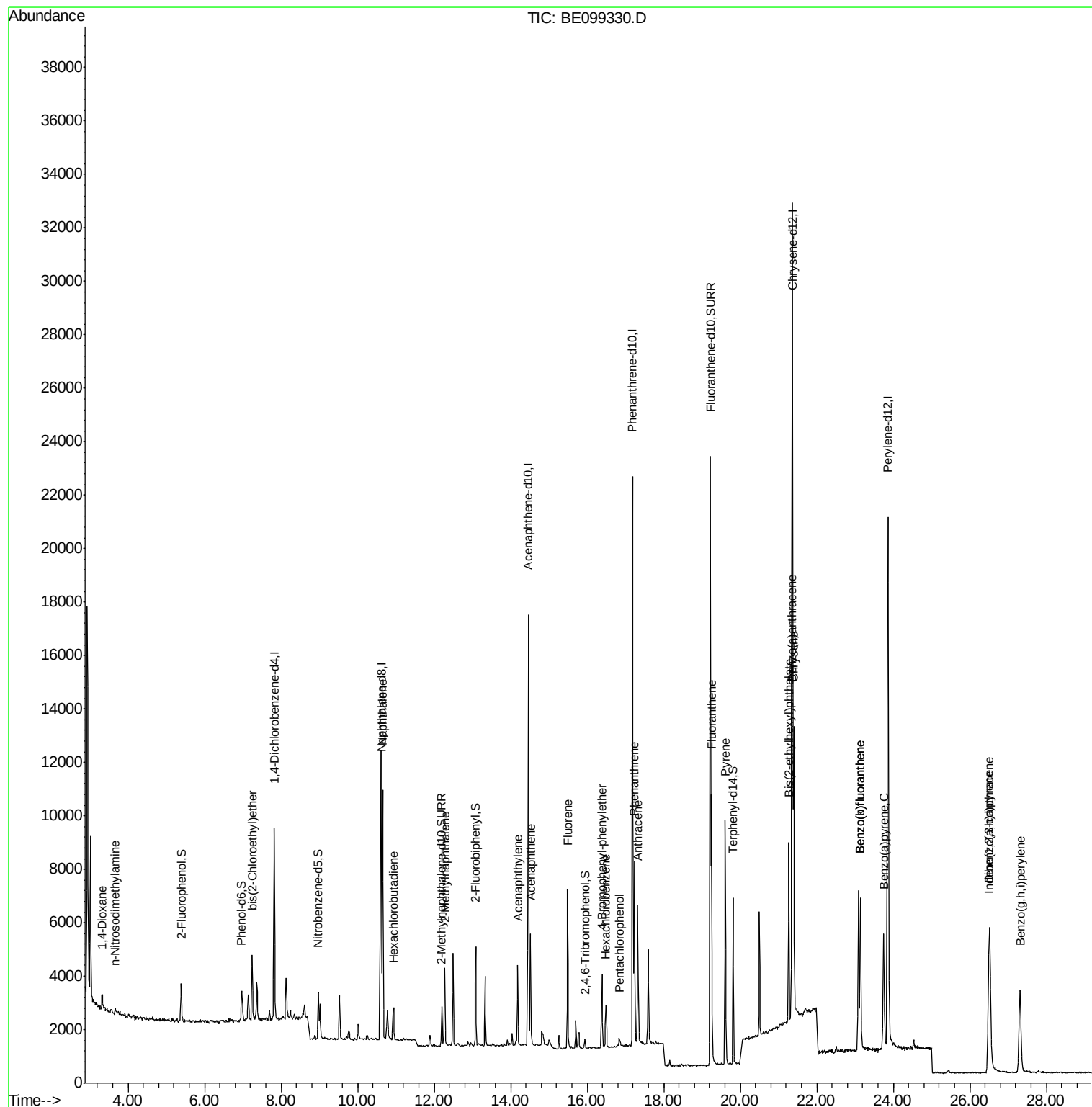
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.33	88	545	0.107	ng	90
3) n-Nitrosodimethylamine	3.66	42	305	0.102	ng	# 46
6) bis(2-Chloroethyl)ether	7.24	93	1121	0.092	ng	100
9) Naphthalene	10.65	128	14542	0.096	ng	99
10) Hexachlorobutadiene	10.94	225	916	0.093	ng	97
12) 2-Methylnaphthalene	12.28	142	2391	0.093	ng	95
16) Acenaphthylene	14.18	152	3619	0.081	ng	97
17) Acenaphthene	14.53	154	2477	0.093	ng	99
18) Fluorene	15.49	166	3536	0.092	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1305	0.081	ng	# 87
21) Hexachlorobenzene	16.49	284	1234	0.080	ng	# 89
22) Pentachlorophenol	16.84	266	203	0.032	ng	98
23) Phenanthrene	17.23	178	7053	0.096	ng	99
24) Anthracene	17.32	178	5541	0.080	ng	98
26) Fluoranthene	19.25	202	8687	0.080	ng	99
28) Pyrene	19.61	202	8877	0.105	ng	99
30) Benzo(a)anthracene	21.34	228	8840	0.088	ng	99
31) Chrysene	21.40	228	9222	0.093	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	8038	0.062	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	9400	0.083	ng	100
35) Benzo(b)fluoranthene	23.14	252	8435	0.089	ng	93
36) Benzo(k)fluoranthene	23.14	252	8435	0.092	ng	# 95
37) Benzo(a)pyrene	23.75	252	7700	0.087	ng	# 88
38) Dibenzo(a,h)anthracene	26.52	278	7616	0.086	ng	# 97
39) Benzo(g,h,i)perylene	27.31	276	8098	0.092	ng	96

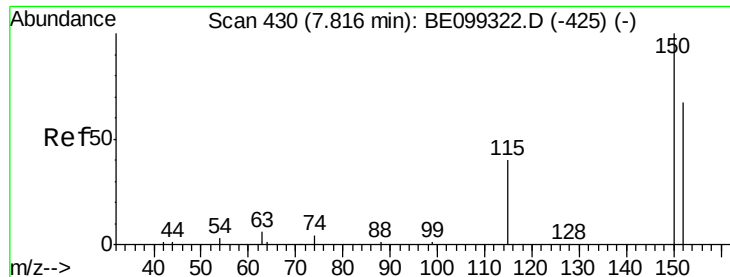
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:54:27 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

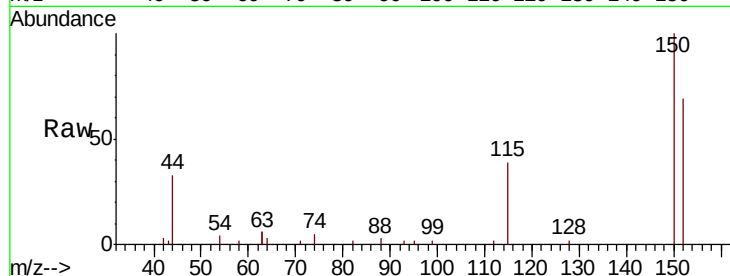
Tot Ion:152 Resp: 3722

Ion Ratio Lower Upper

152 100

150 144.0 119.5 179.3

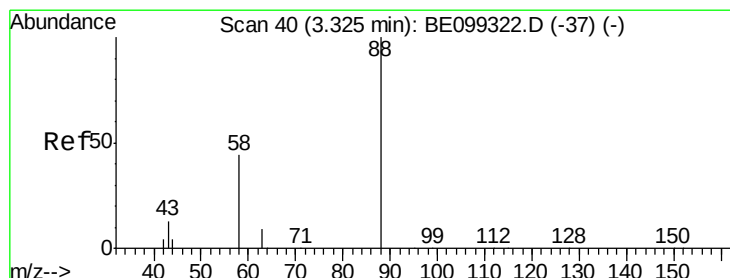
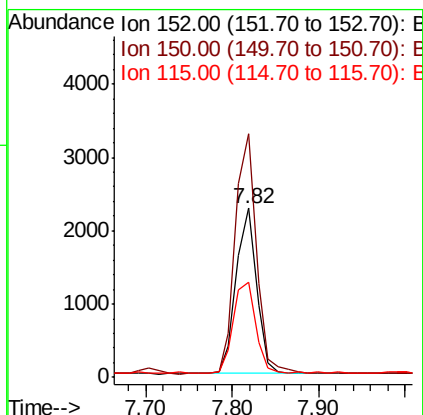
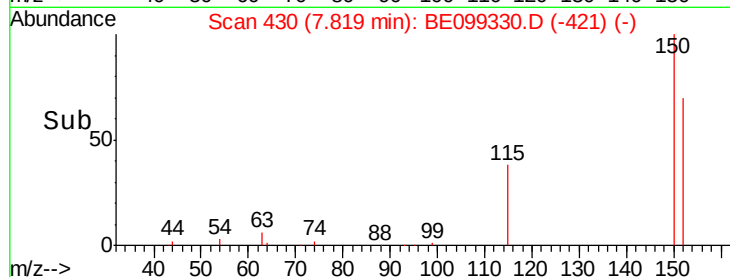
115 56.6 47.5 71.3



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: 0.107 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

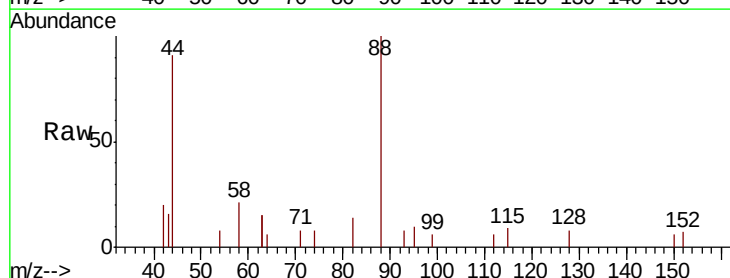
Tgt Ion: 88 Resp: 545

Ion Ratio Lower Upper

88 100

58 52.1 49.1 73.7

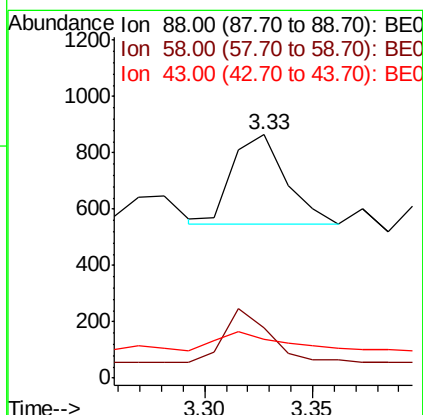
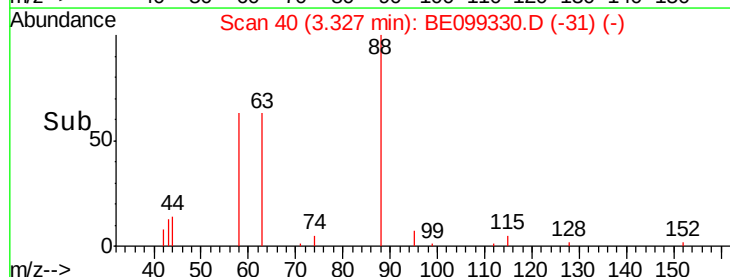
43 25.0 17.9 26.9

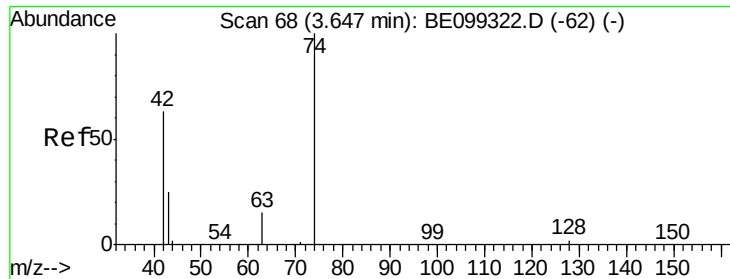


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.102 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

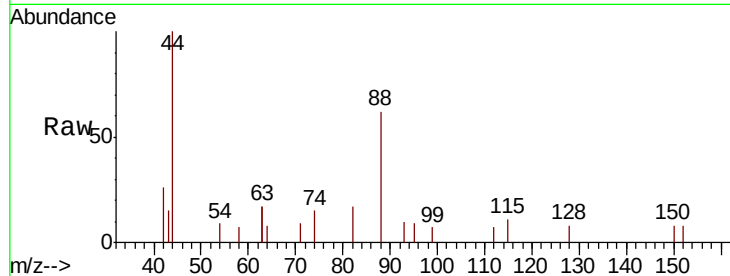
Tot Ion: 42 Resp: 305

Ion Ratio Lower Upper

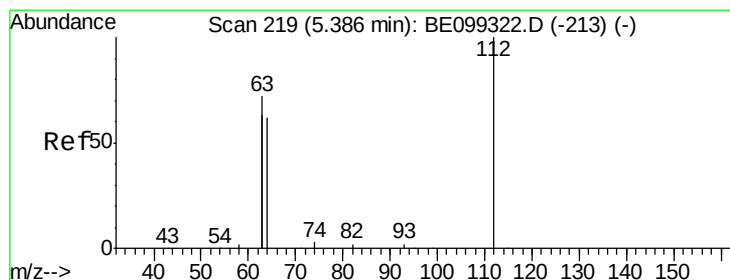
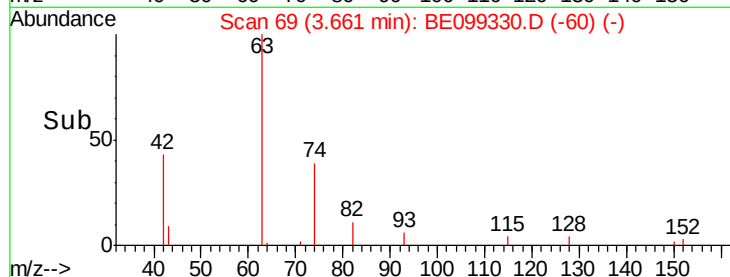
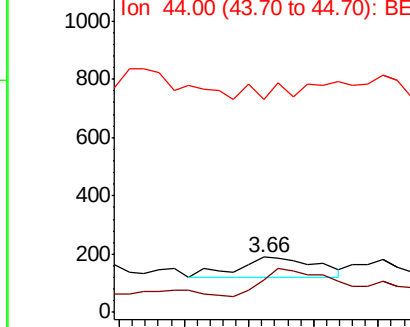
42 100

74 103.3 145.8 218.8#

44 0.0 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.085 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

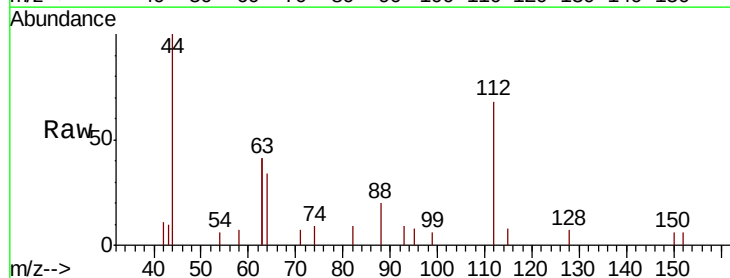
Tgt Ion: 112 Resp: 840

Ion Ratio Lower Upper

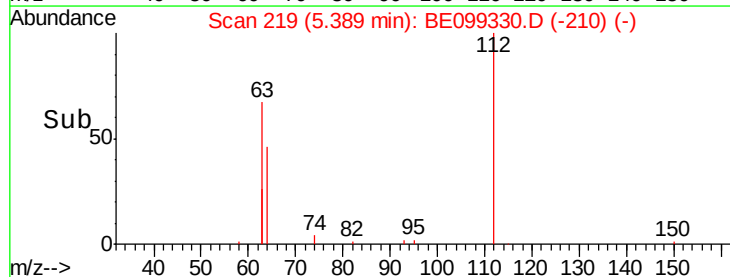
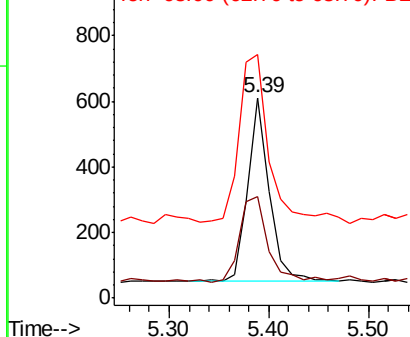
112 100

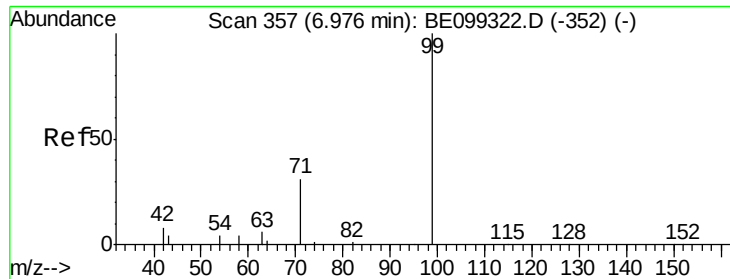
64 61.2 44.9 67.3

63 129.2 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.088 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

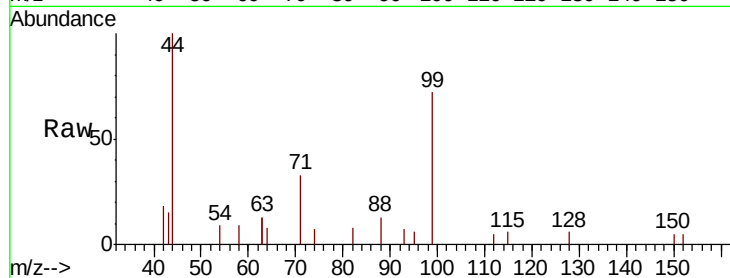
Tot Ion: 99 Resp: 1202

Ion Ratio Lower Upper

99 100

42 17.0 11.7 17.5

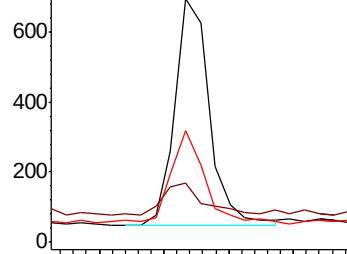
71 40.8 29.6 44.4



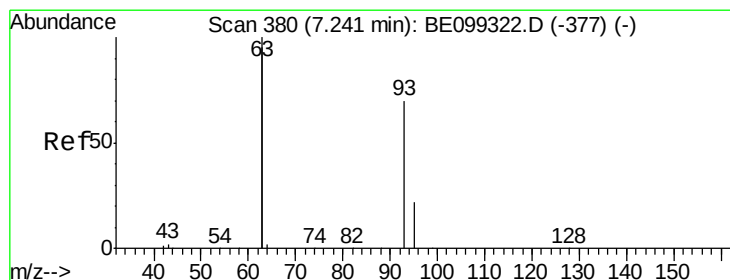
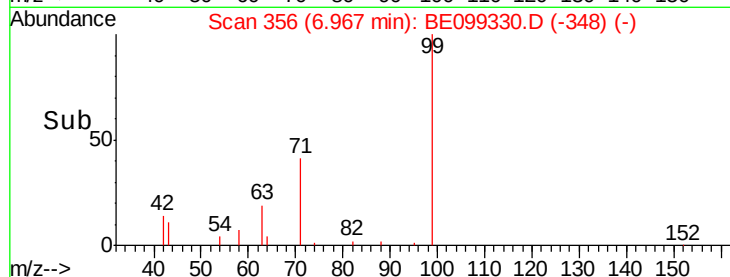
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.092 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

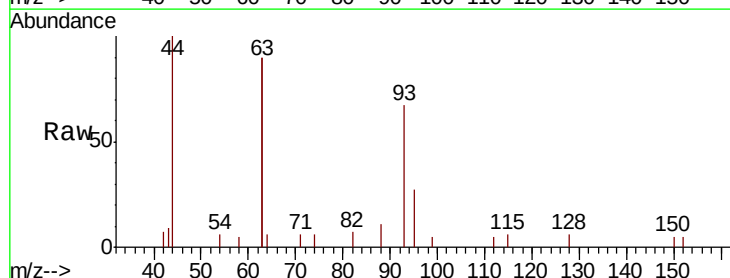
Tgt Ion: 93 Resp: 1121

Ion Ratio Lower Upper

93 100

63 271.2 216.6 324.8

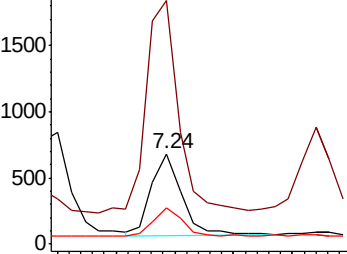
95 33.0 25.8 38.6



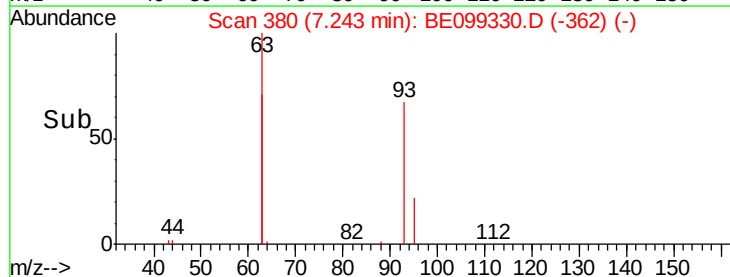
Abundance Ion 93.00 (92.70 to 93.70): BE0

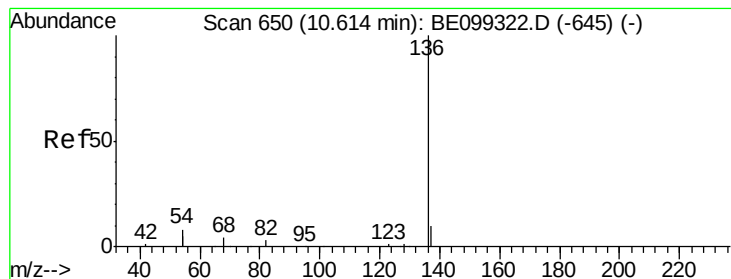
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 13877

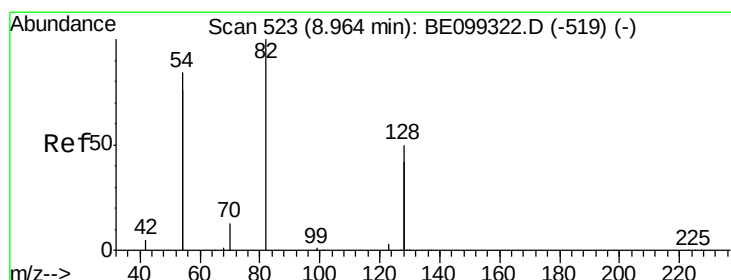
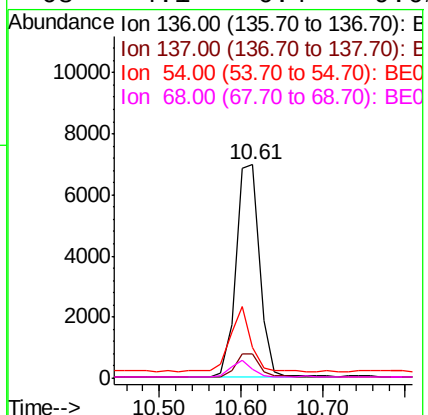
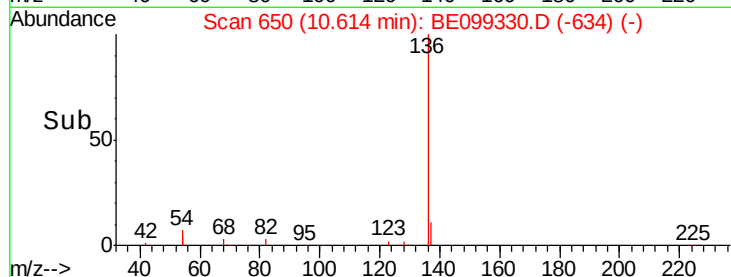
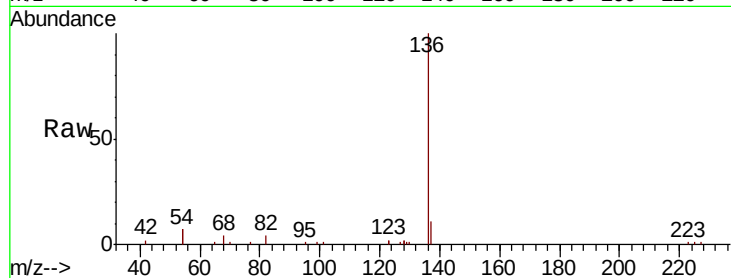
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 14.6 23.8 35.8#

68 4.1 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.096 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

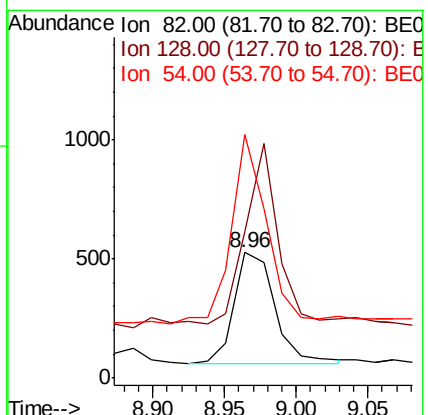
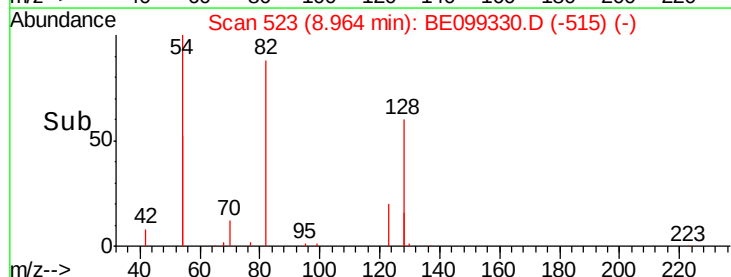
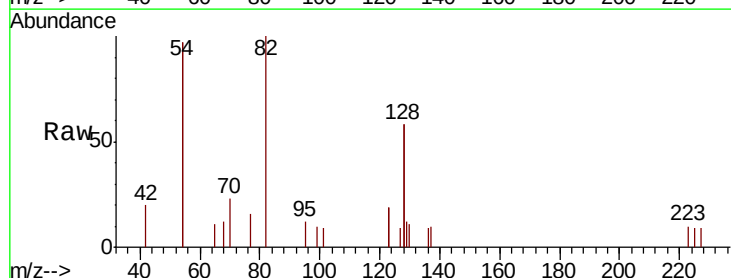
Tgt Ion: 82 Resp: 919

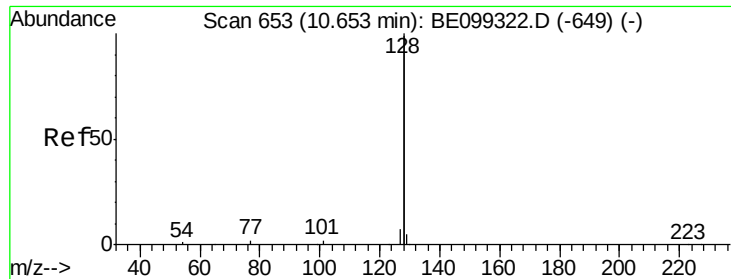
Ion Ratio Lower Upper

82 100

128 116.7 91.7 137.5

54 193.6 122.8 184.2#





#9

Naphthalene

Concen: 0.096 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

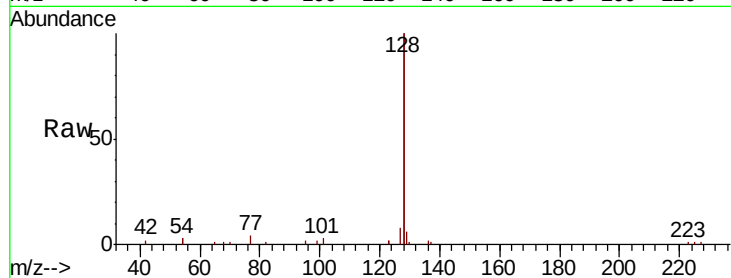
Tot Ion:128 Resp: 14542

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

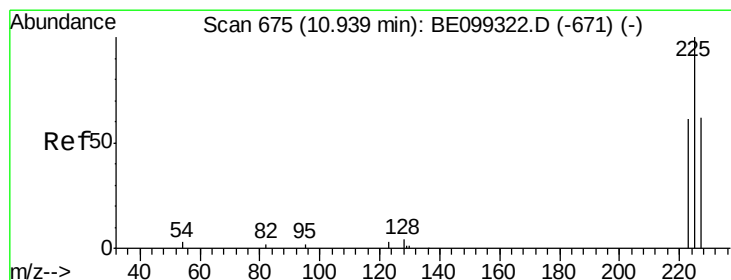
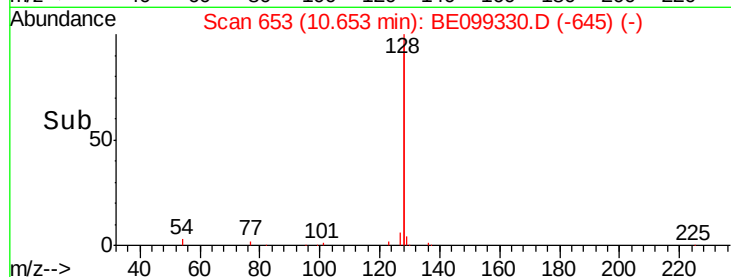
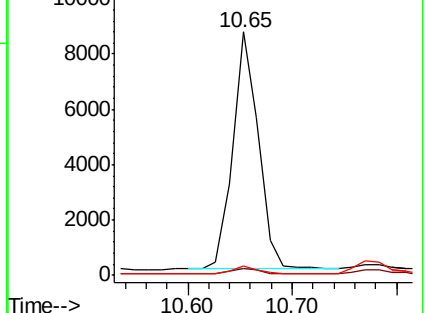
127 3.8 2.8 4.2



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: 0.093 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

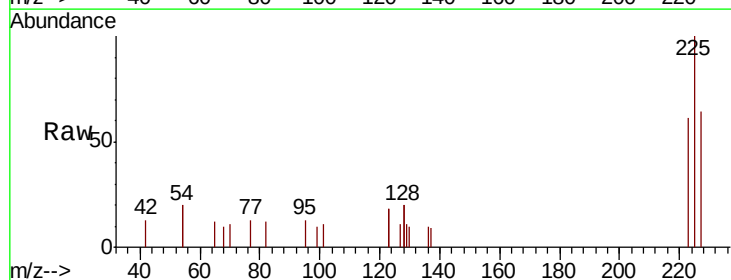
Tgt Ion:225 Resp: 916

Ion Ratio Lower Upper

225 100

223 60.2 50.3 75.5

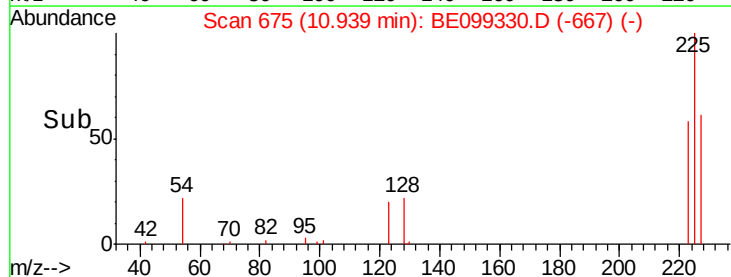
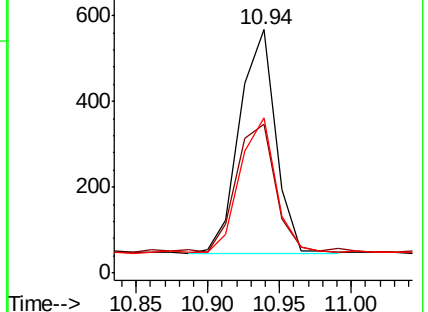
227 59.5 49.4 74.0

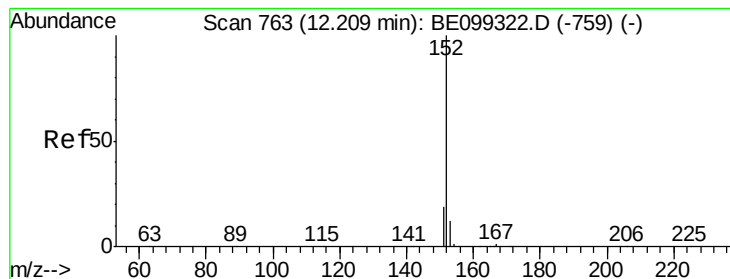


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.096 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

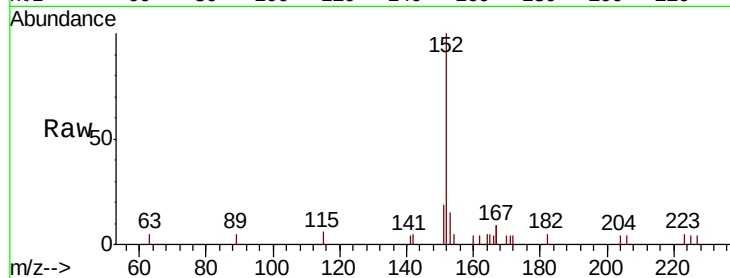
SSTDIC0.1

Tot Ion:152 Resp: 2318

Ion Ratio Lower Upper

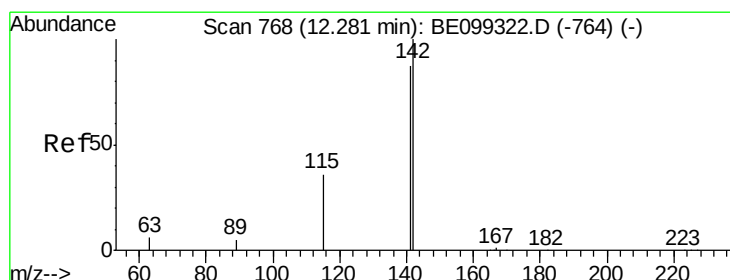
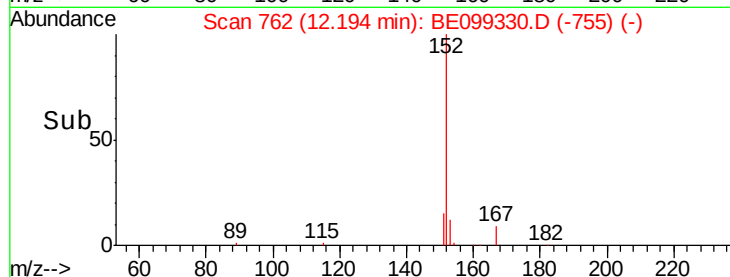
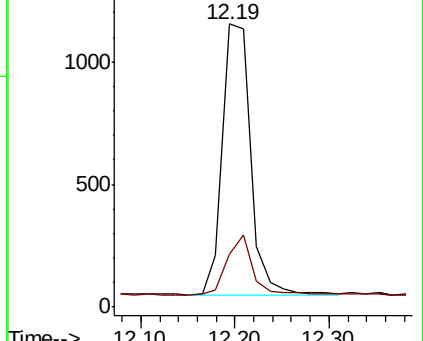
152 100

151 21.2 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: 0.093 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

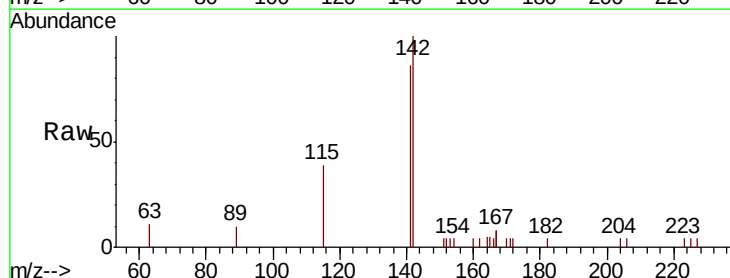
Tgt Ion:142 Resp: 2391

Ion Ratio Lower Upper

142 100

141 85.5 72.0 108.0

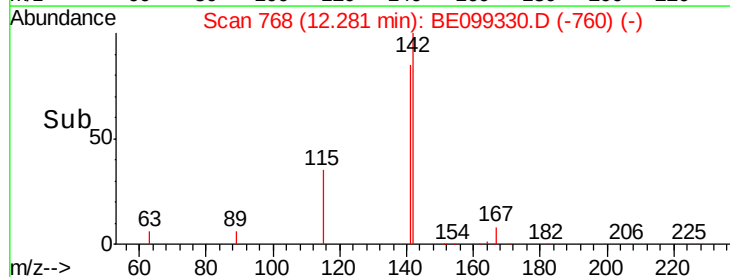
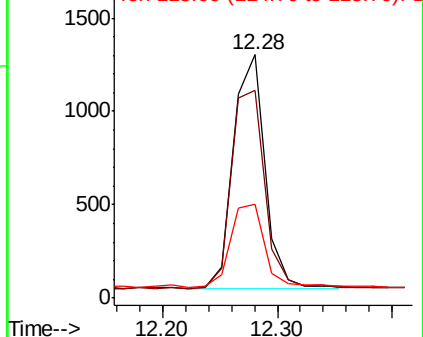
115 38.7 33.4 50.0

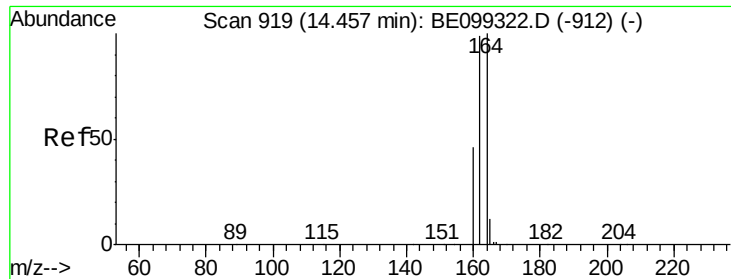


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

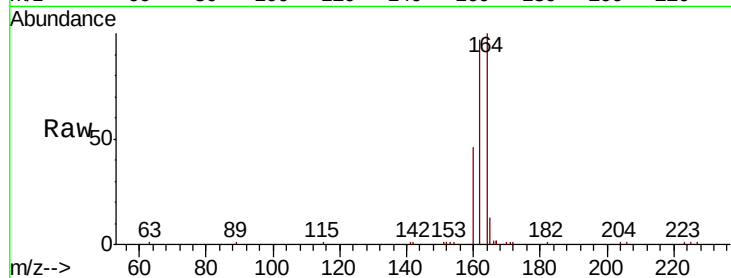
Tot Ion:164 Resp: 9483

Ion Ratio Lower Upper

164 100

162 96.6 77.8 116.6

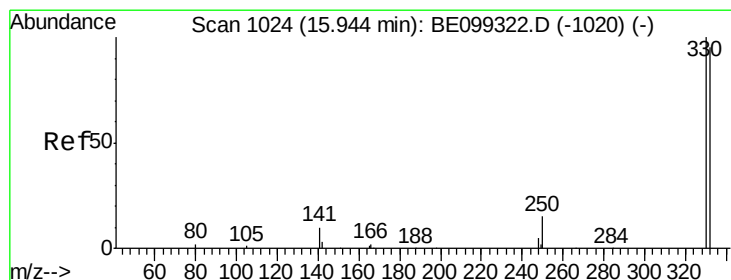
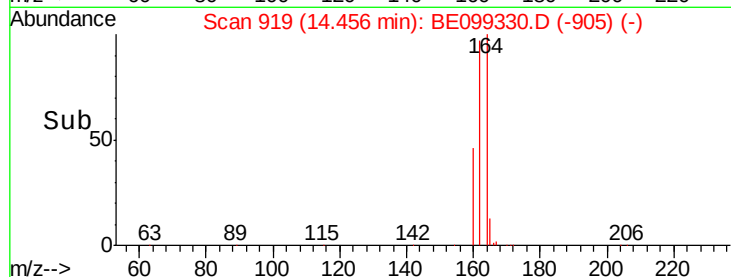
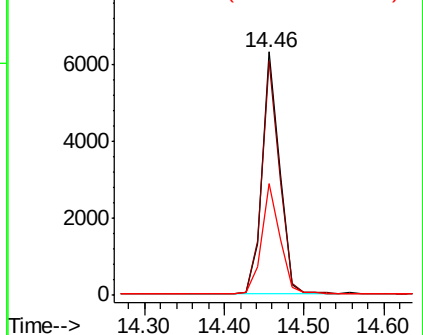
160 46.1 37.1 55.7



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: 0.058 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

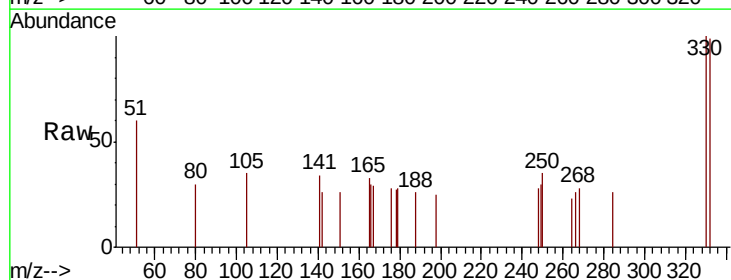
Tgt Ion:330 Resp: 252

Ion Ratio Lower Upper

330 100

332 96.0 82.5 123.7

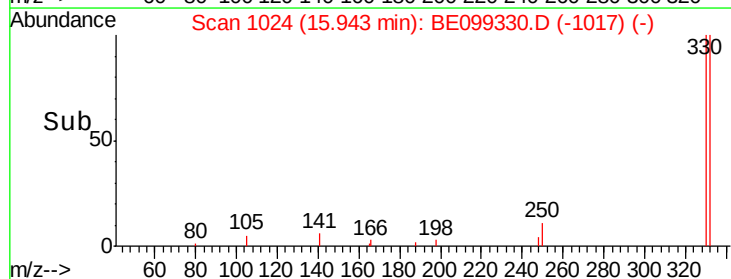
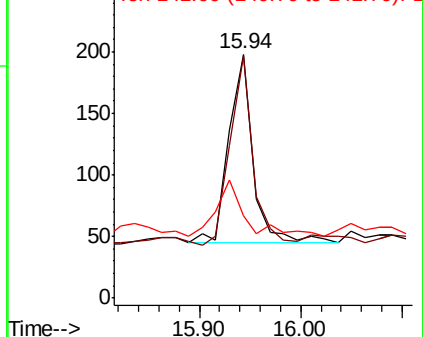
141 37.3 24.9 37.3

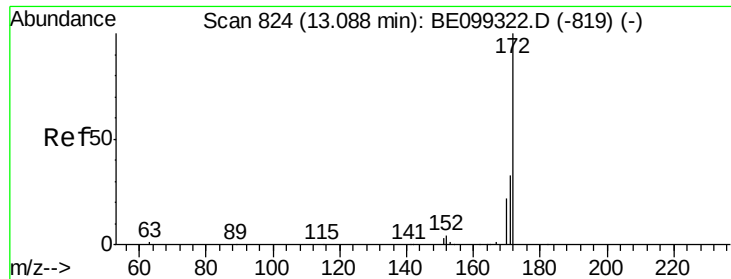


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

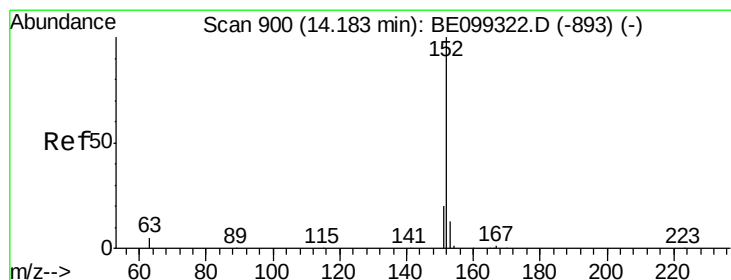
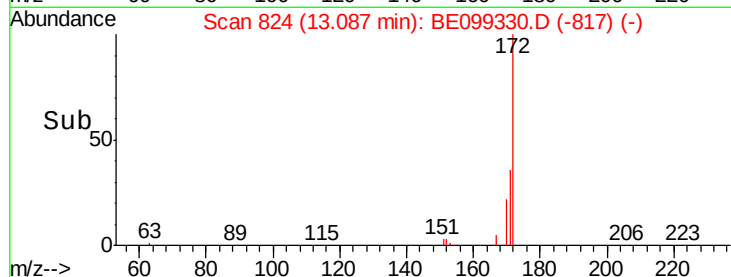
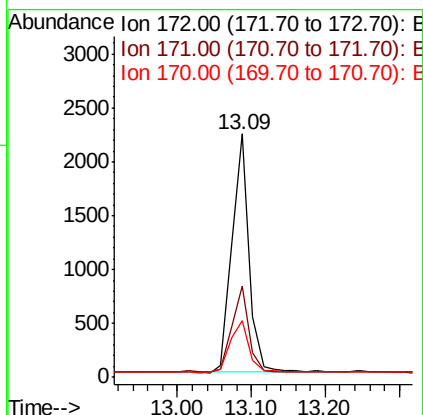
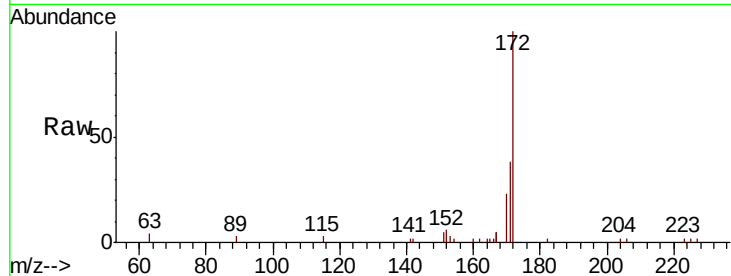




#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

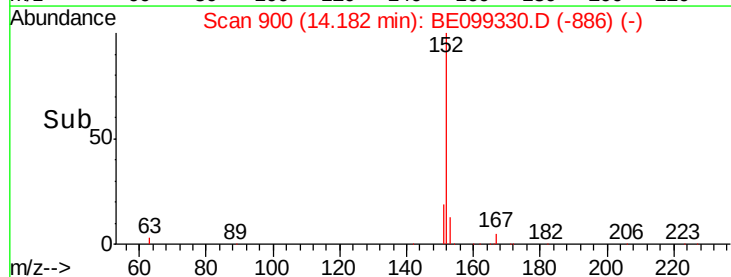
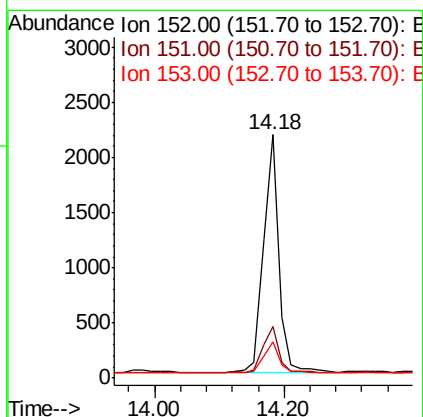
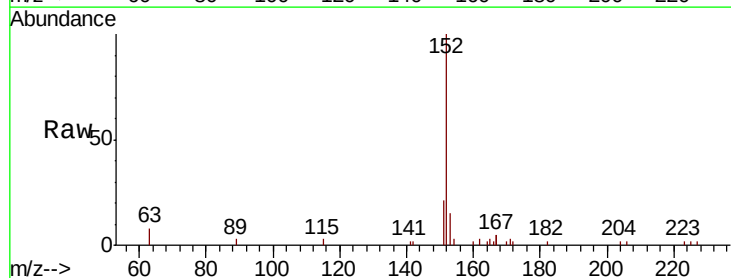
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

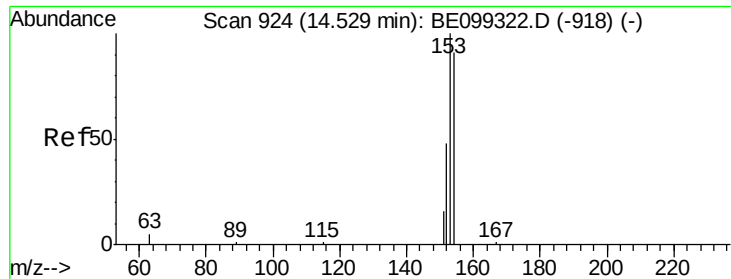
Tot Ion:172 Resp: 3572
Ion Ratio Lower Upper
172 100
171 37.7 26.2 39.2
170 23.4 18.1 27.1



#16
Acenaphthylene
Concen: 0.081 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

Tgt Ion:152 Resp: 3619
Ion Ratio Lower Upper
152 100
151 20.8 15.5 23.3
153 14.1 10.2 15.4

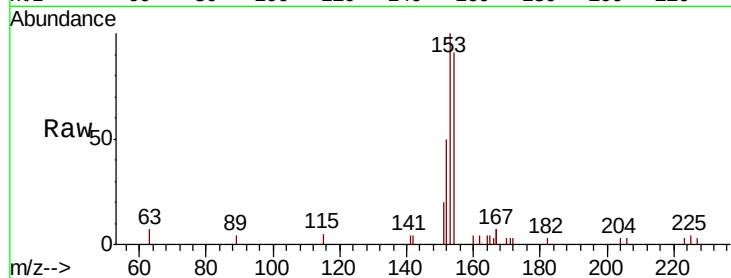




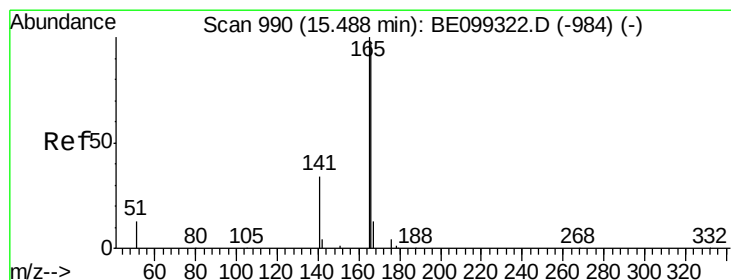
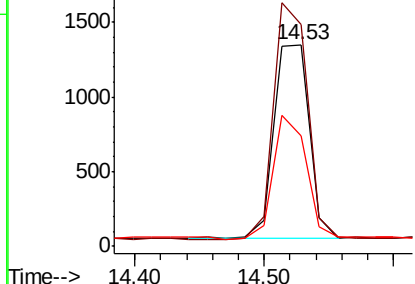
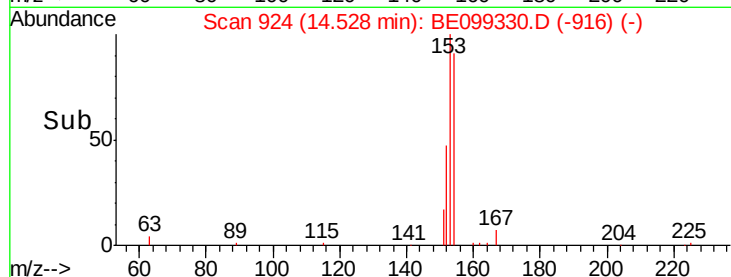
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:154 Resp: 2477
Ion Ratio Lower Upper
154 100
153 117.5 94.7 142.1
152 59.8 46.4 69.6

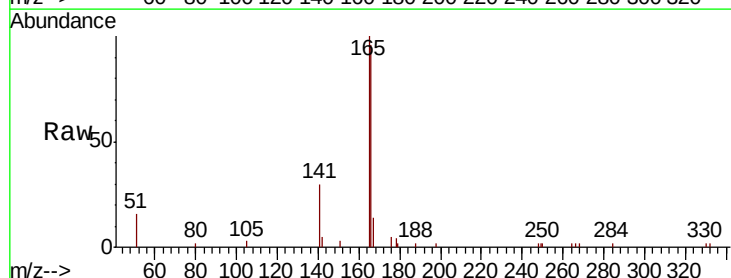


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

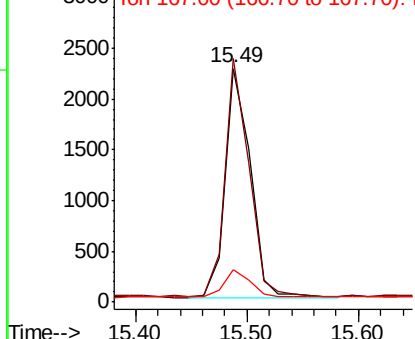
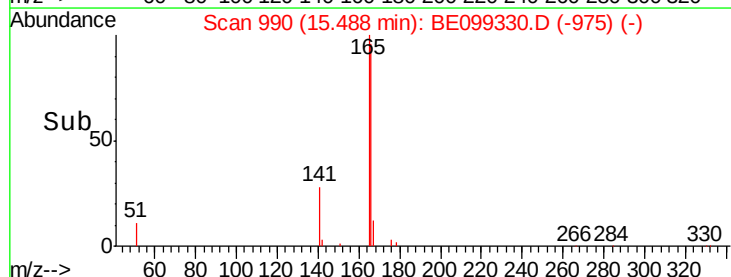


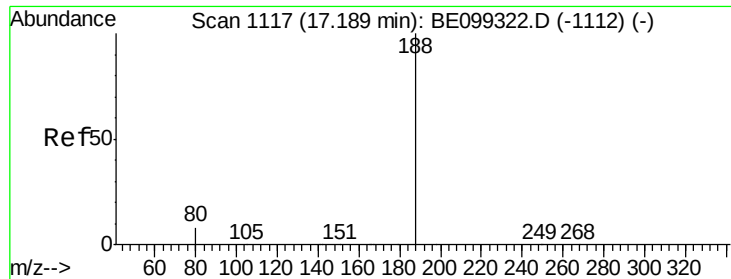
#18
Fluorene
Concen: 0.092 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

Tgt Ion:166 Resp: 3536
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 12.9 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

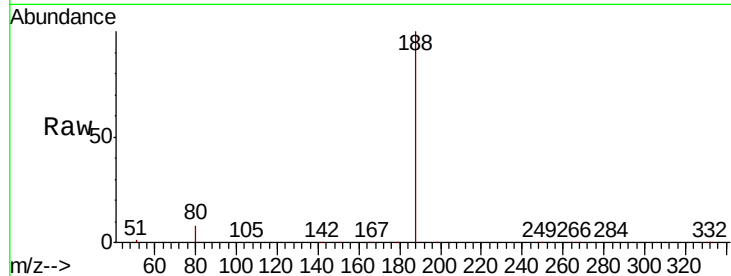




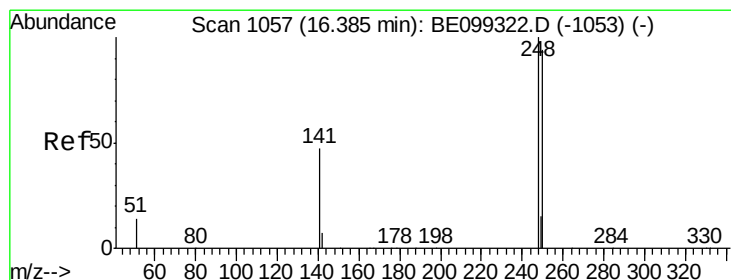
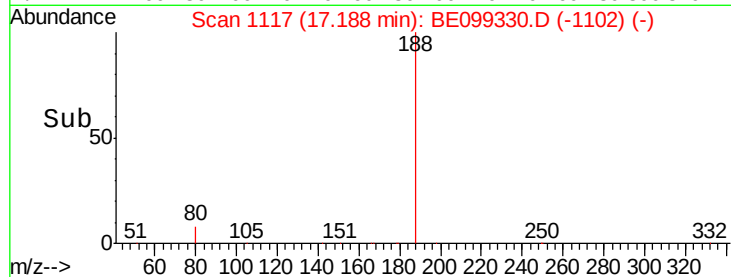
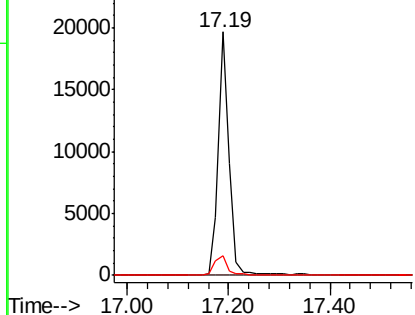
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:188 Resp: 28460
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.2 9.4

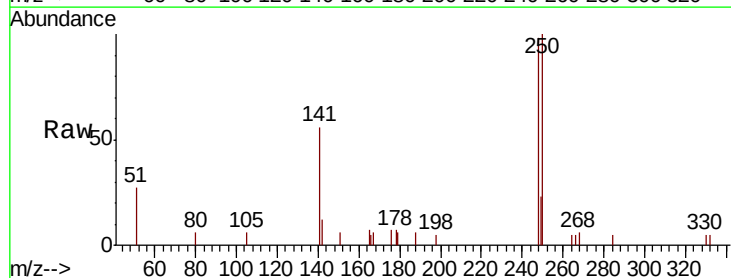


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

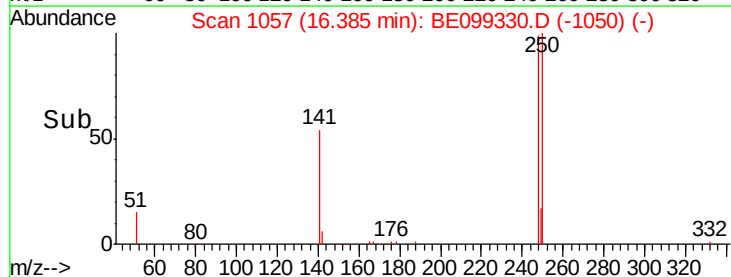
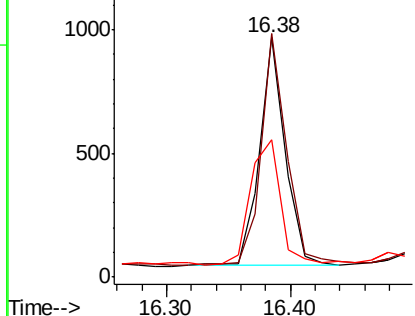


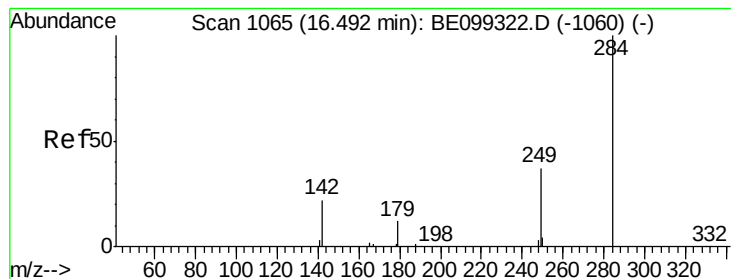
#20
4-Bromophenyl-phenylether
Concen: 0.081 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

Tgt Ion:248 Resp: 1305
Ion Ratio Lower Upper
248 100
250 101.8 77.0 115.6
141 57.1 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: 0.080 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

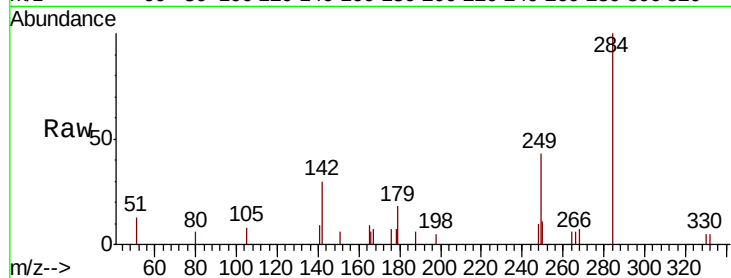
Tot Ion:284 Resp: 1234

Ion Ratio Lower Upper

284 100

142 33.0 21.8 32.6#

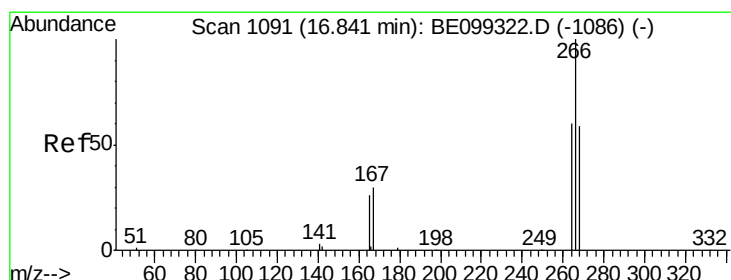
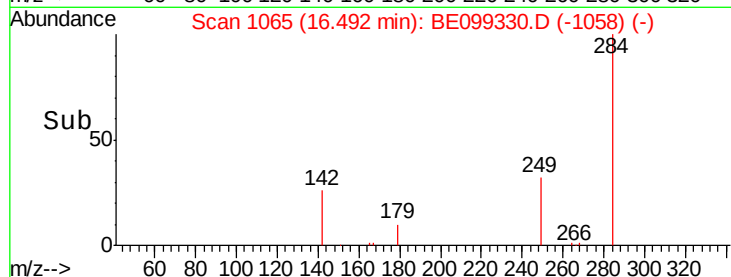
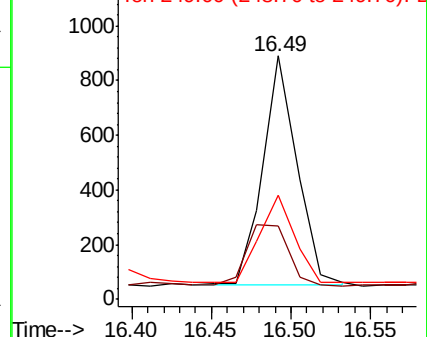
249 39.2 26.2 39.4



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: 0.032 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

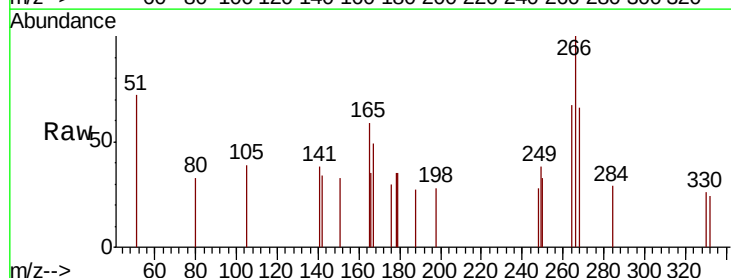
Tgt Ion:266 Resp: 203

Ion Ratio Lower Upper

266 100

264 67.4 54.5 81.7

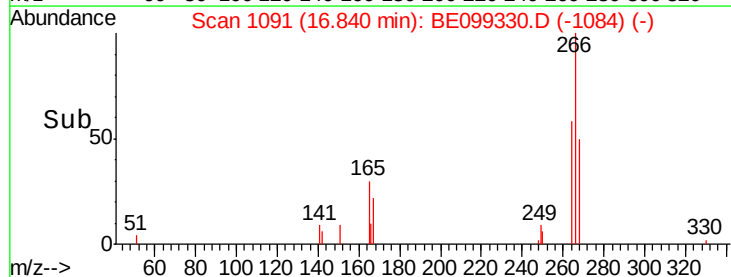
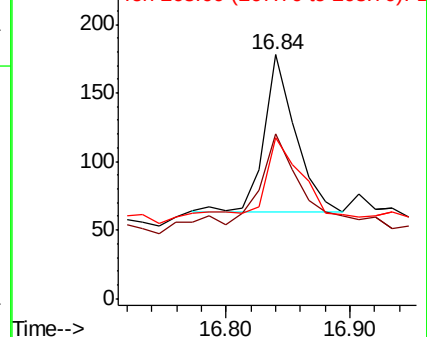
268 65.7 54.3 81.5

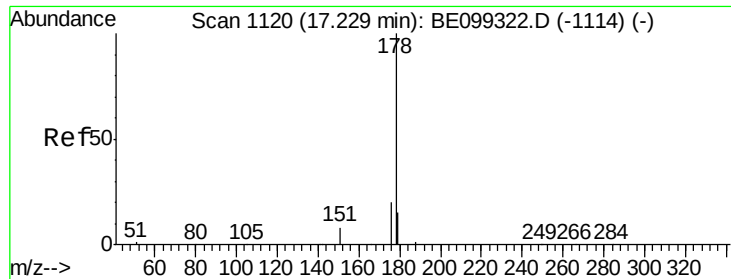


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.096 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

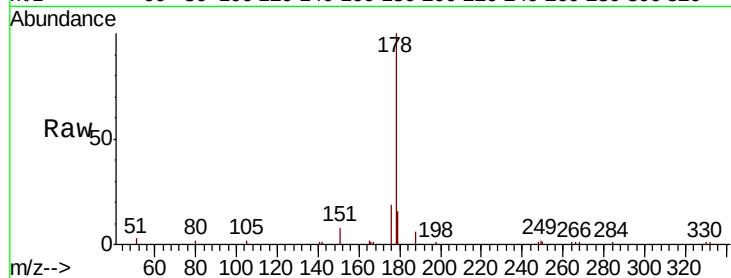
Tot Ion:178 Resp: 7053

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

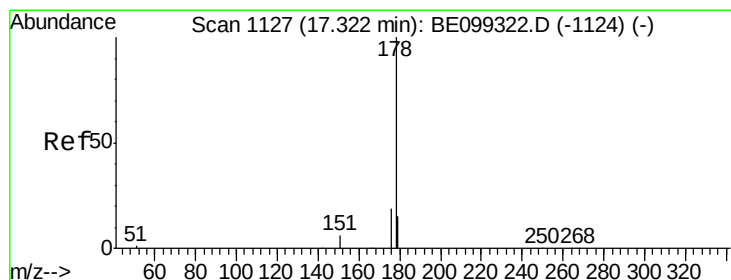
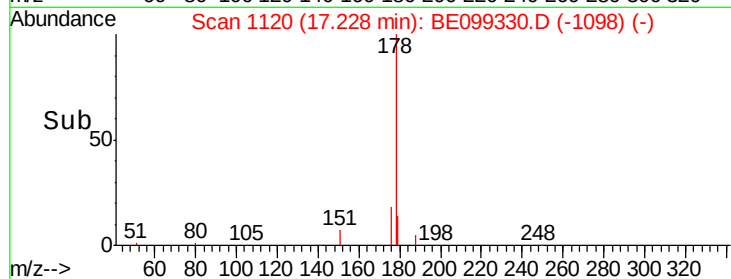
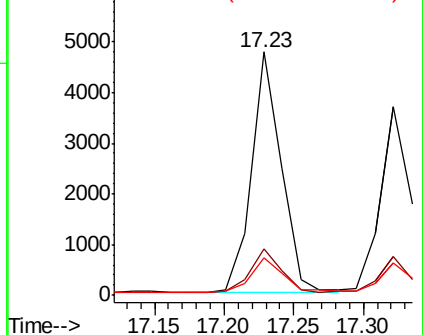
179 15.5 12.4 18.6



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: 0.080 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

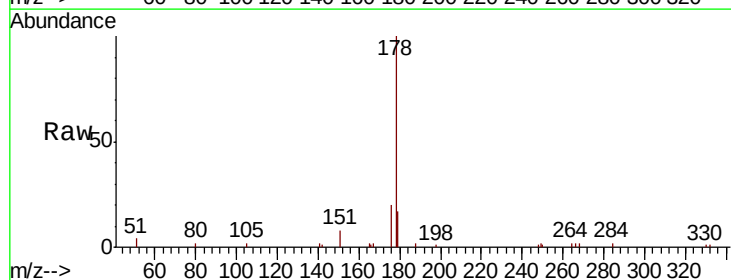
Tgt Ion:178 Resp: 5541

Ion Ratio Lower Upper

178 100

176 17.8 15.1 22.7

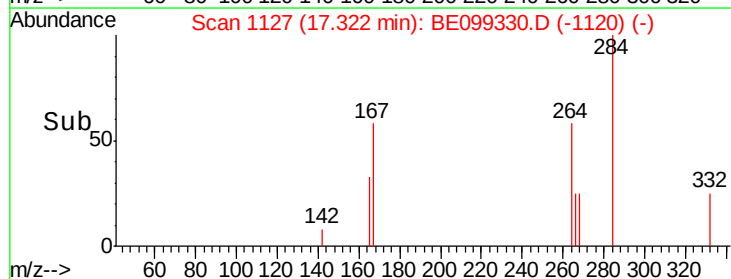
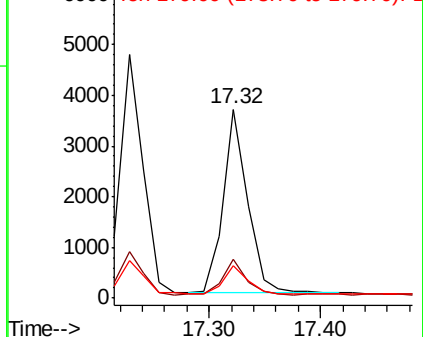
179 15.5 11.9 17.9

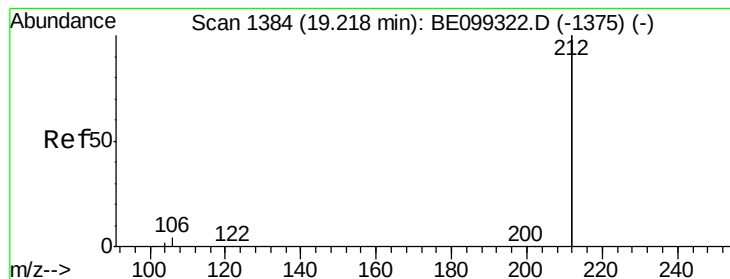


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.080 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

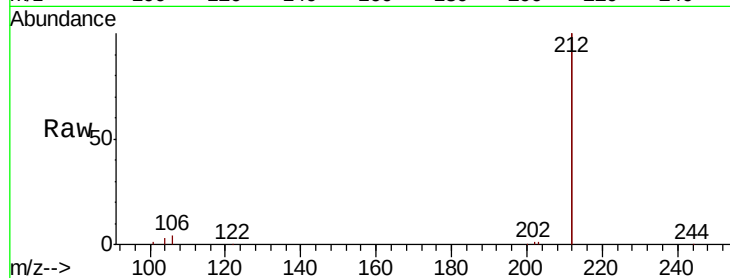
Tot Ion:212 Resp: 30199

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

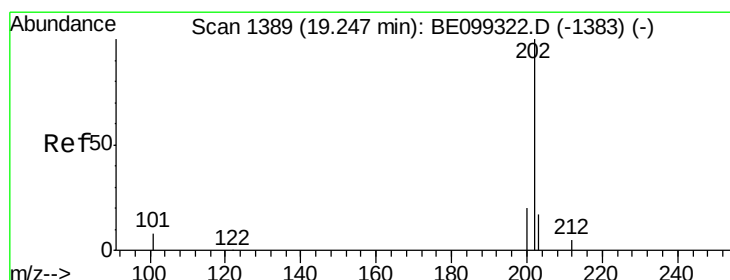
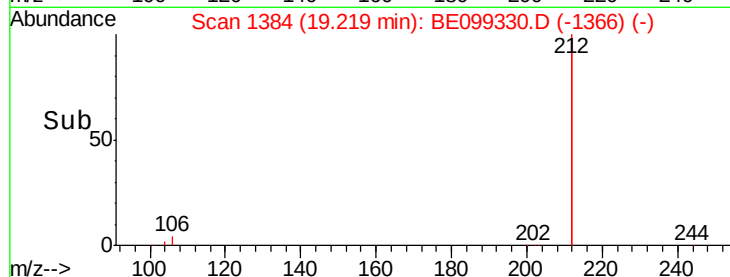
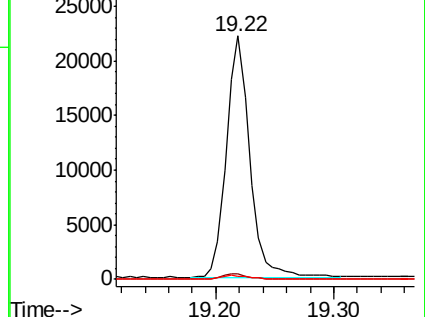
104 1.4 1.0 1.4



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: 0.080 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

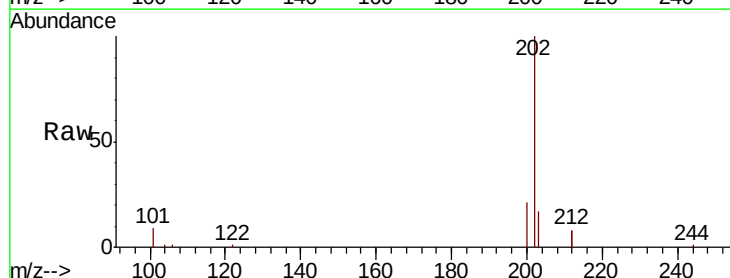
Tgt Ion:202 Resp: 8687

Ion Ratio Lower Upper

202 100

101 7.6 6.4 9.6

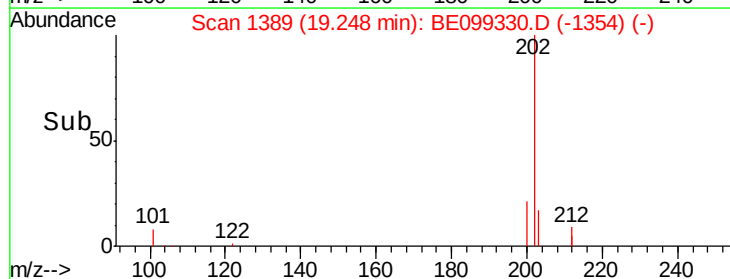
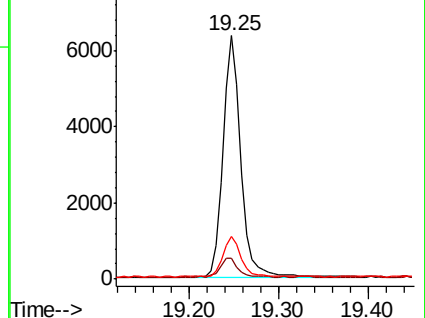
203 16.7 13.5 20.3

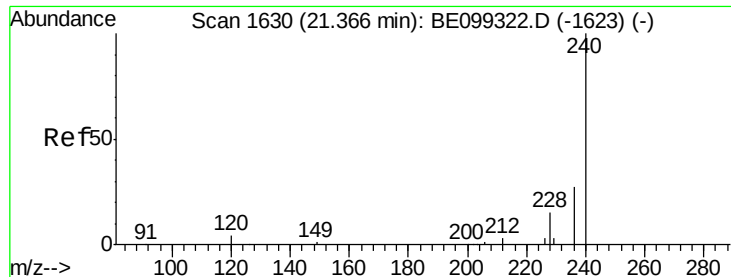


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

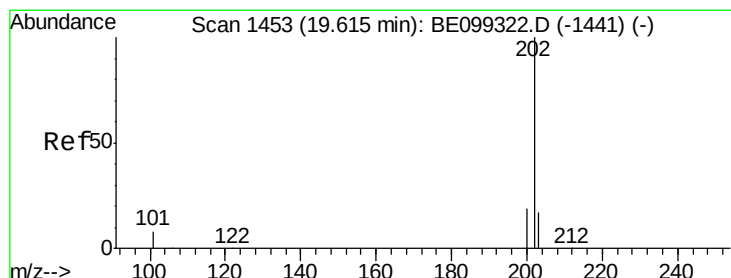
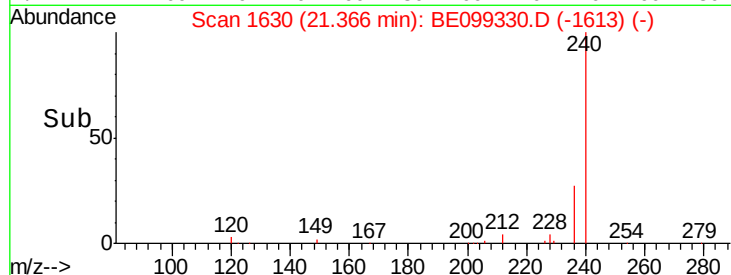
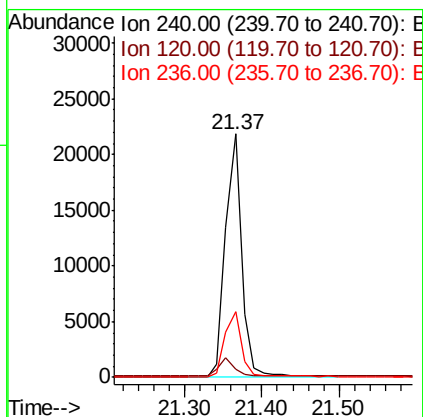
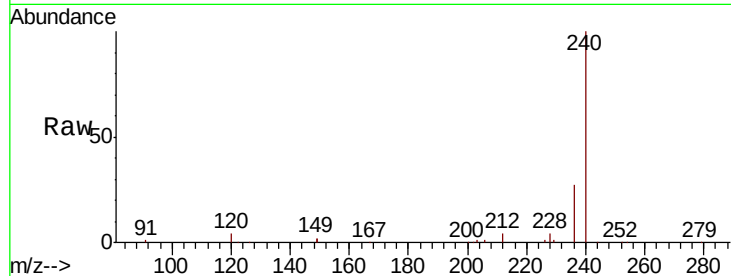




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

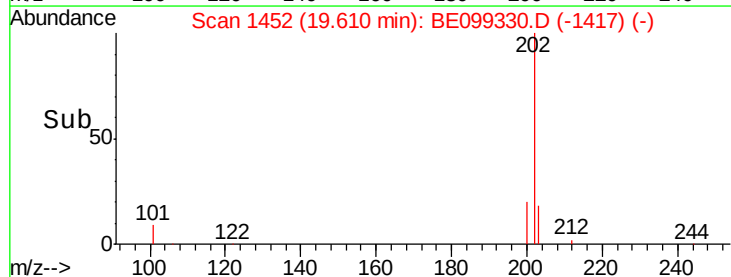
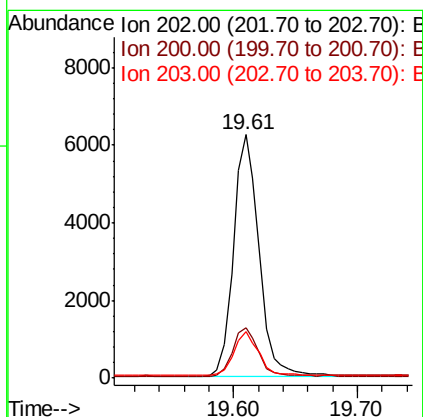
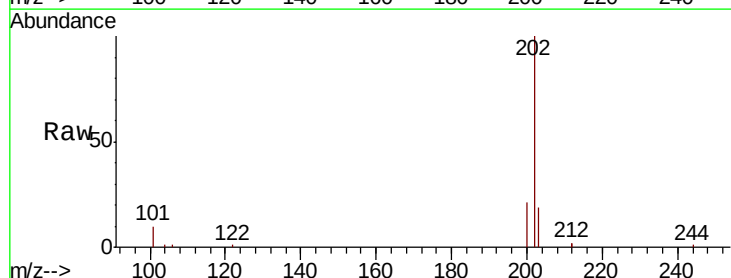
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

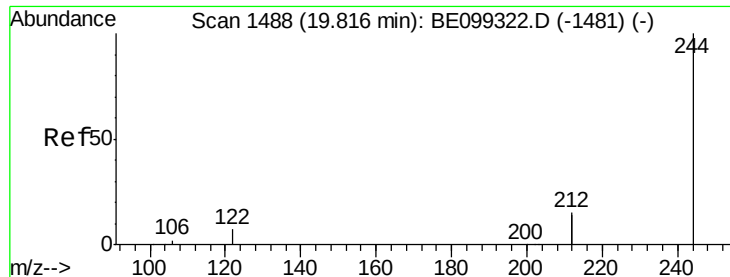
Tot Ion:240 Resp: 32062
Ion Ratio Lower Upper
240 100
120 3.5 2.2 3.2#
236 27.0 20.2 30.4



#28
Pyrene
Concen: 0.105 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099330.D
Acq: 18 Apr 2019 9:12

Tgt Ion:202 Resp: 8877
Ion Ratio Lower Upper
202 100
200 20.1 15.7 23.5
203 17.7 13.7 20.5





#29

Terphenyl-d14

Concen: 0.103 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

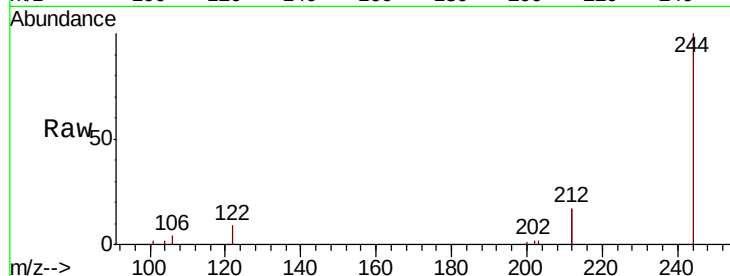
Tot Ion:244 Resp: 6003

Ion Ratio Lower Upper

244 100

212 34.2 22.6 33.8#

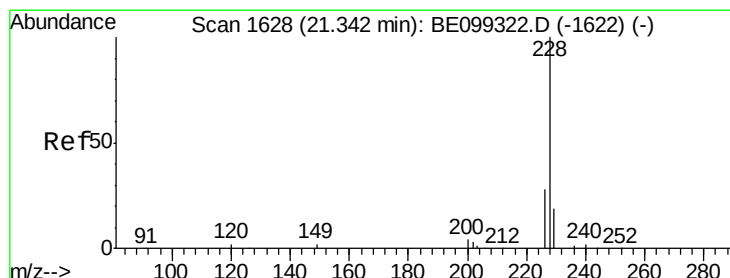
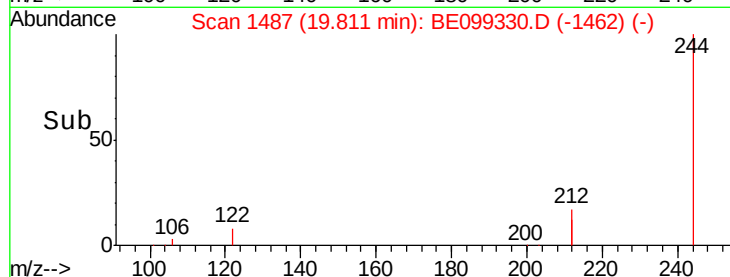
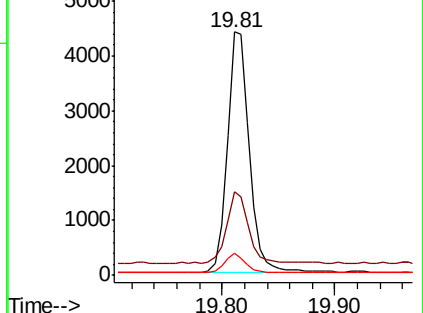
122 9.2 4.6 7.0#



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: 0.088 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

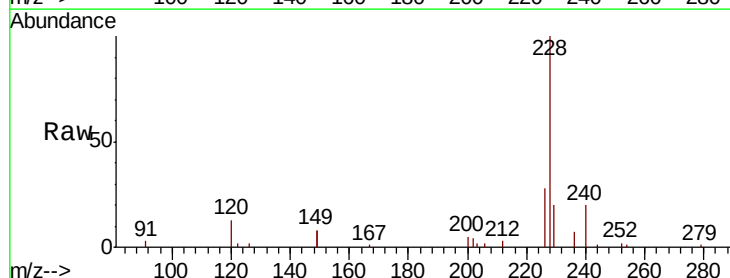
Tgt Ion:228 Resp: 8840

Ion Ratio Lower Upper

228 100

226 28.3 22.0 33.0

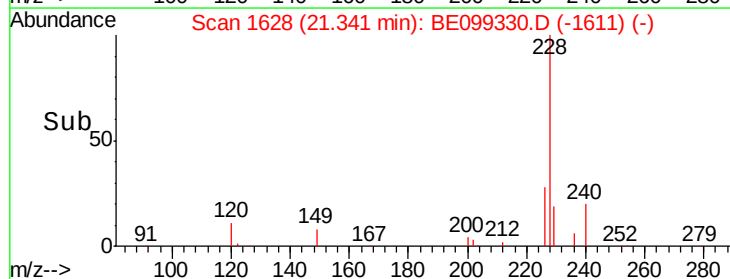
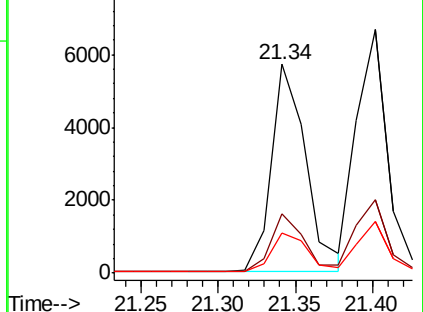
229 19.5 15.8 23.8

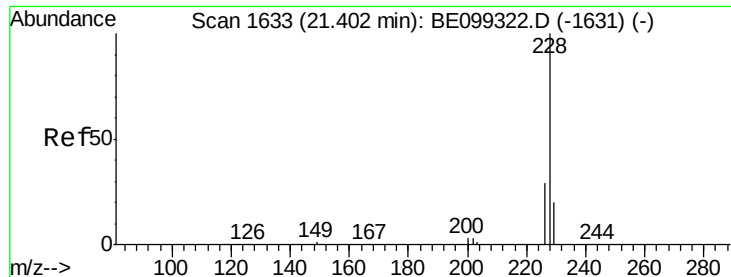


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.093 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

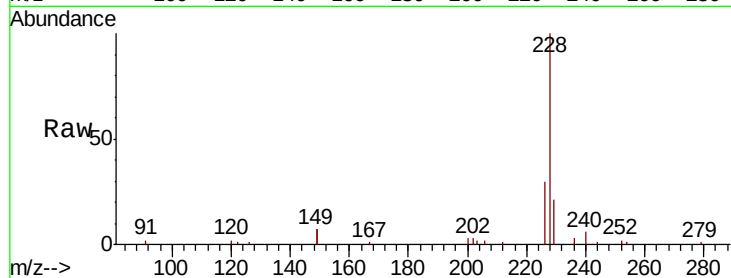
Tot Ion:228 Resp: 9222

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

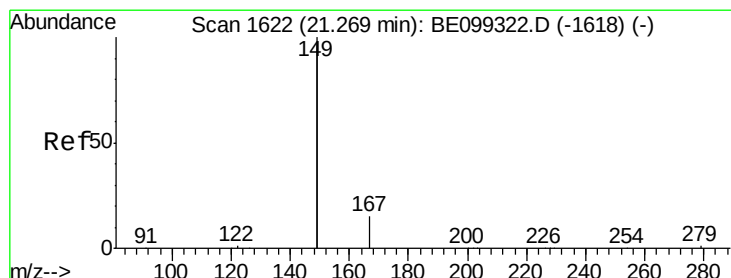
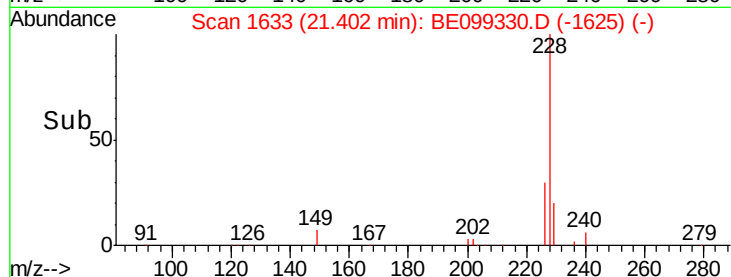
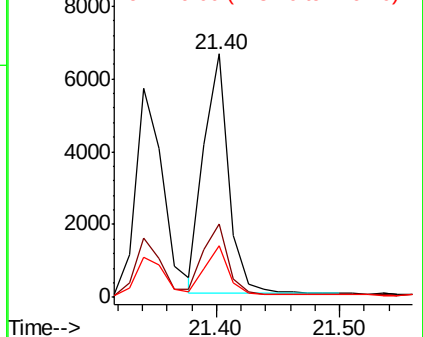
229 21.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

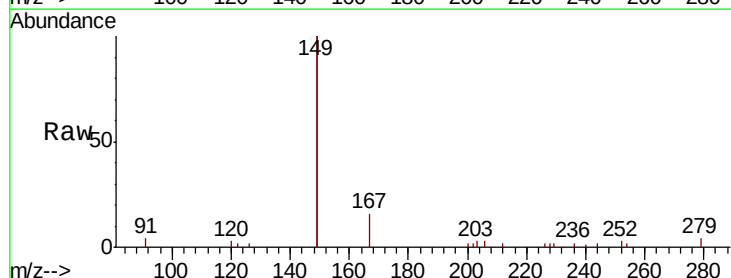
Tgt Ion:149 Resp: 8038

Ion Ratio Lower Upper

149 100

167 7.2 6.0 9.0

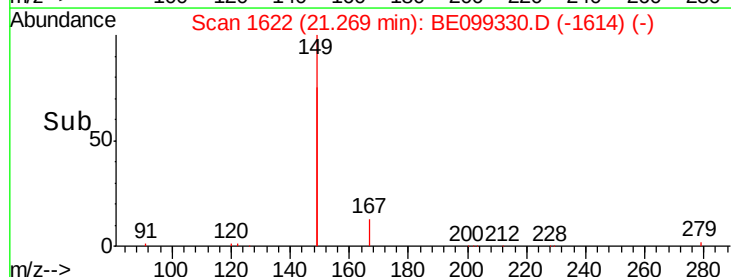
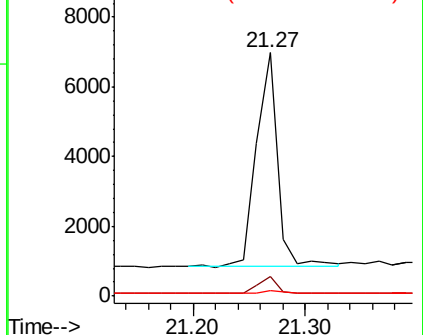
279 1.4 1.1 1.7

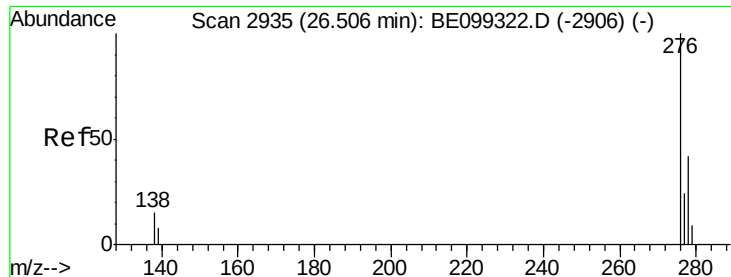


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.083 ng

RT: 26.50 min Scan# 2933

Delta R.T. 0.01 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

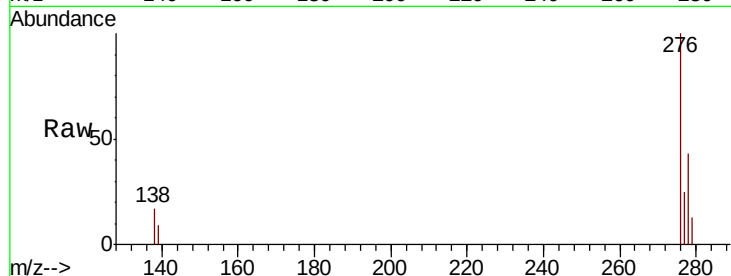
Tot Ion:276 Resp: 9400

Ion Ratio Lower Upper

276 100

138 15.9 12.7 19.1

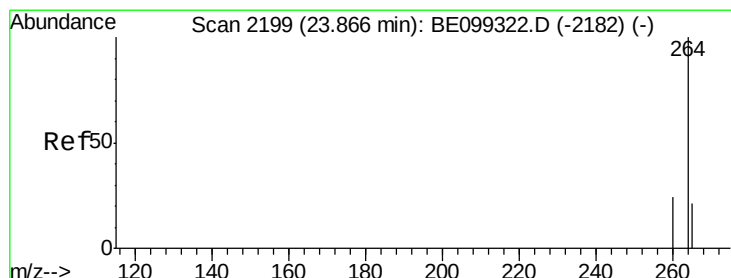
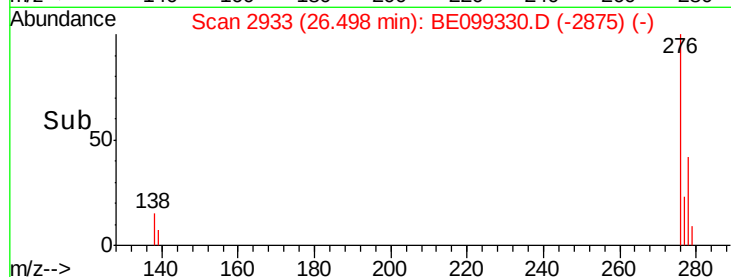
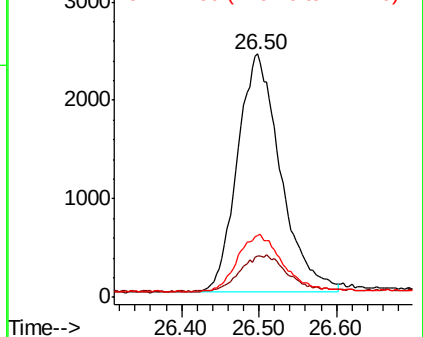
277 24.5 19.6 29.4



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# 2198

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

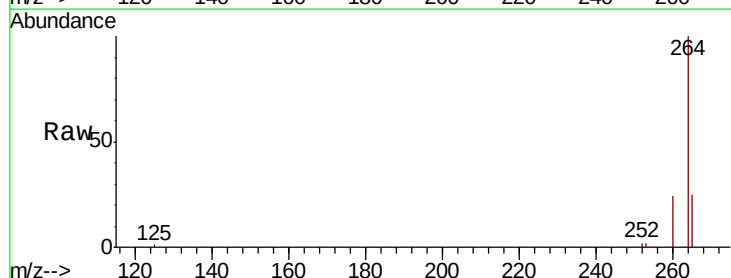
Tgt Ion:264 Resp: 31692

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

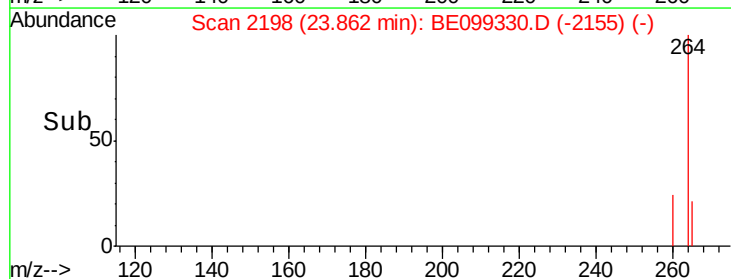
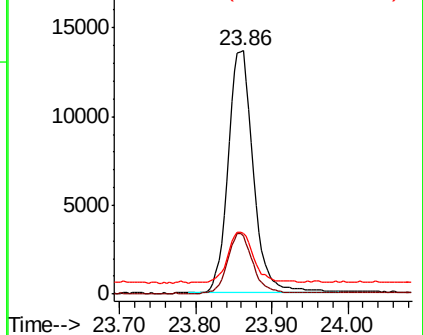
265 25.1 19.9 29.9

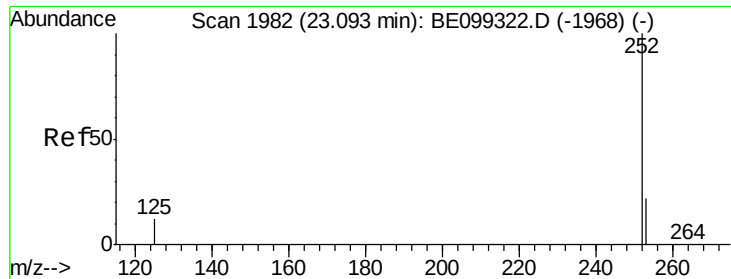


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.089 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.05 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

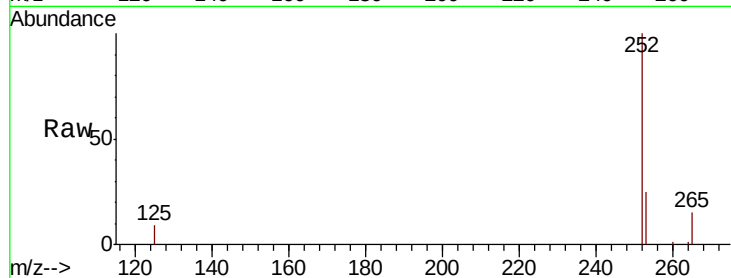
Tot Ion:252 Resp: 8435

Ion Ratio Lower Upper

252 100

253 25.3 17.3 25.9

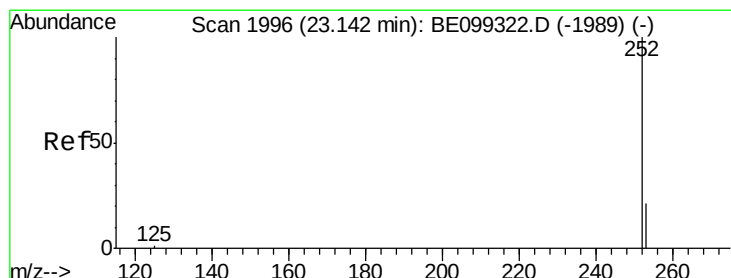
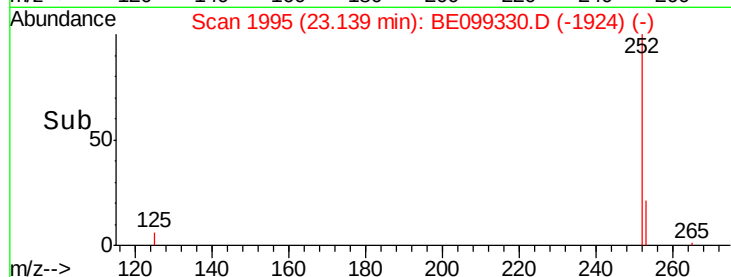
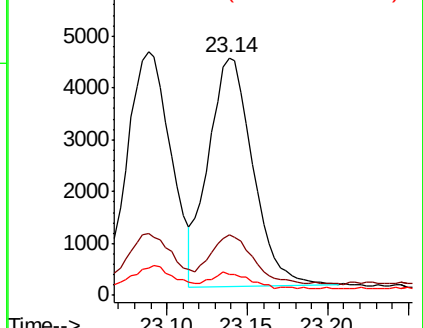
125 8.6 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.092 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

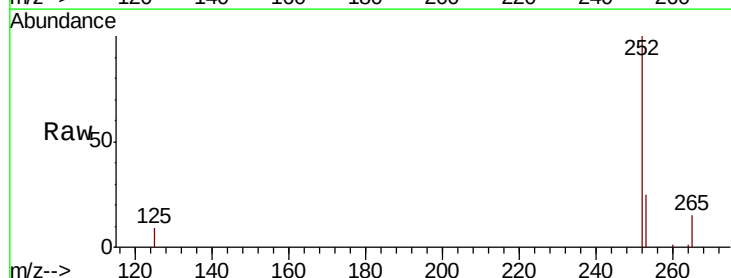
Tgt Ion:252 Resp: 8435

Ion Ratio Lower Upper

252 100

253 25.3 18.4 27.6

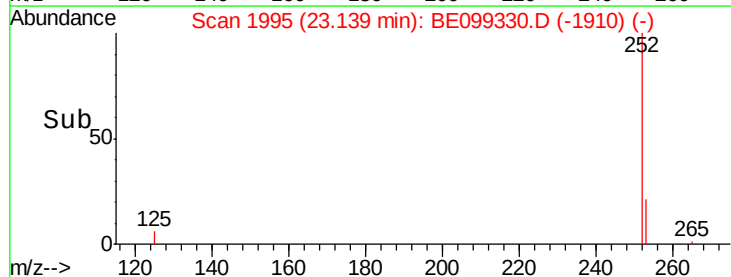
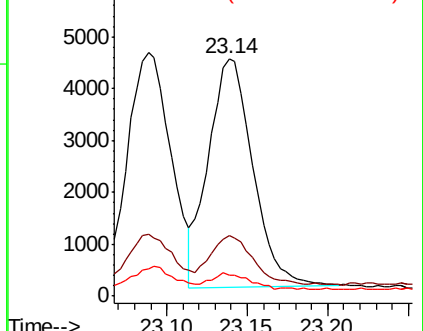
125 8.6 5.4 8.0#

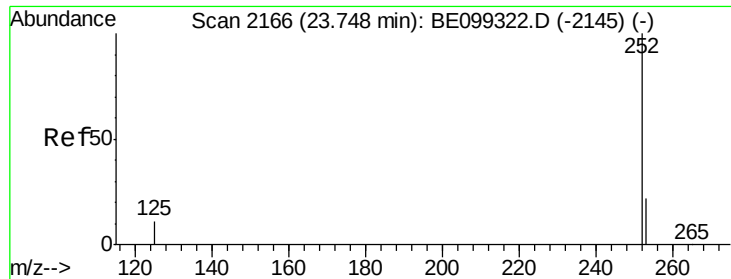


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.087 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

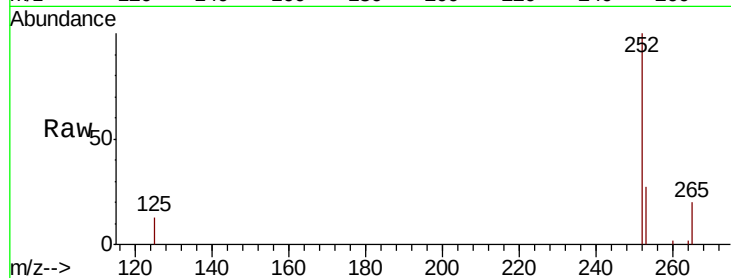
Tot Ion:252 Resp: 7700

Ion Ratio Lower Upper

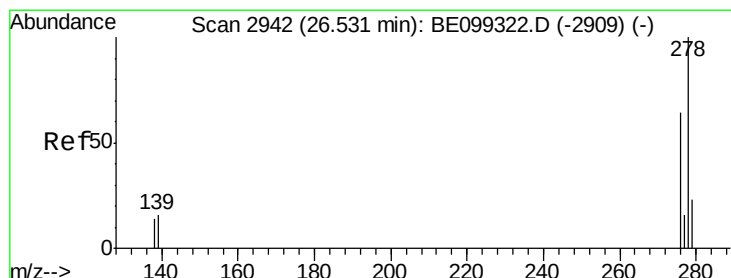
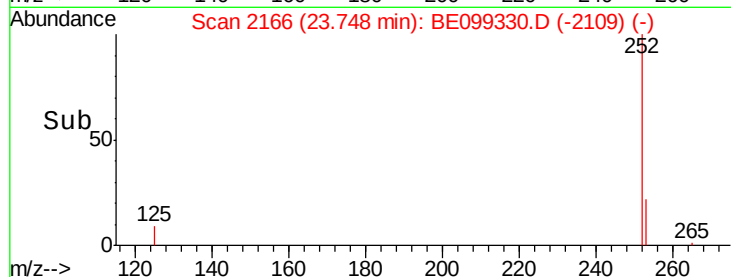
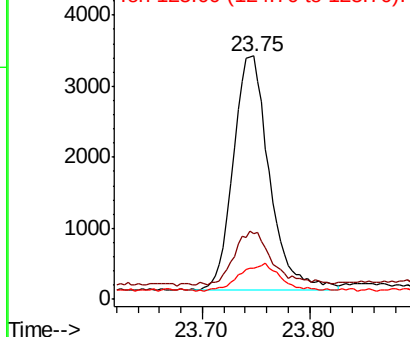
252 100

253 27.2 17.6 26.4#

125 13.0 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: 0.086 ng

RT: 26.52 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

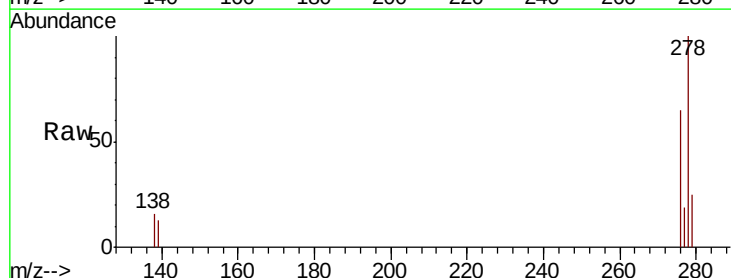
Tgt Ion:278 Resp: 7616

Ion Ratio Lower Upper

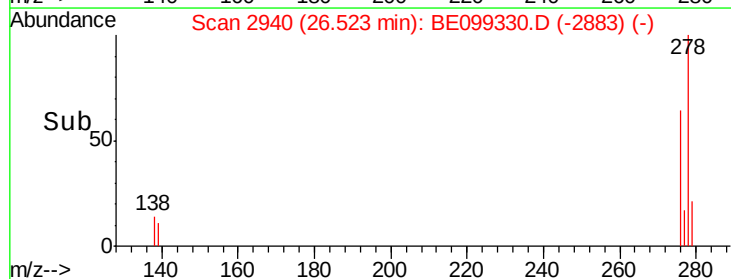
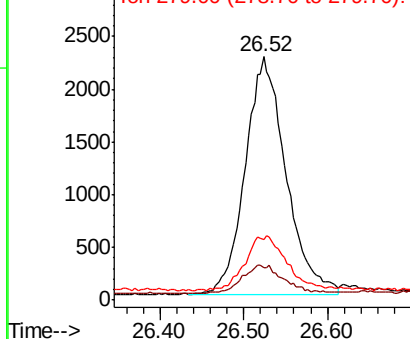
278 100

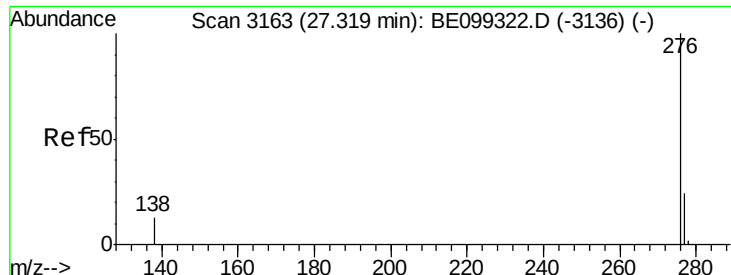
139 13.3 8.5 12.7#

279 25.1 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: 0.092 ng

RT: 27.31 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BE099330.D

Acq: 18 Apr 2019 9:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

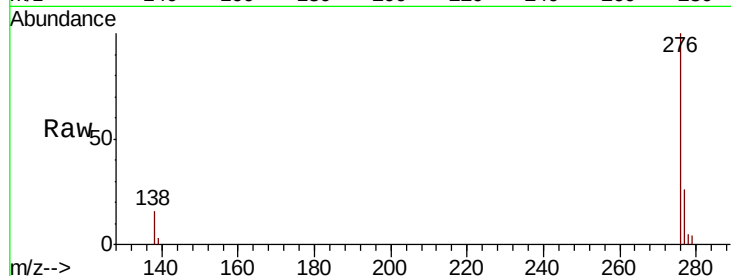
Tot Ion:276 Resp: 8098

Ion Ratio Lower Upper

276 100

277 26.5 20.0 30.0

138 15.8 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

