

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099888.D
 Acq On : 10 Jun 2019 12:05
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 10 14:37:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:31:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	817	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2997	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2139	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6945	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11401	0.40	ng	0.00
34) Perylene-d12	23.93	264	11854	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1775	0.65	ng	0.00
5) Phenol-d6	6.95	99	2383	0.71	ng	-0.01
8) Nitrobenzene-d5	8.95	82	2389	0.79	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4372	0.81	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1296	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6712	0.87	ng	-0.01
25) Fluoranthene-d10	19.25	212	83253	0.77	ng	0.00
29) Terphenyl-d14	19.84	244	16811	0.79	ng	0.00

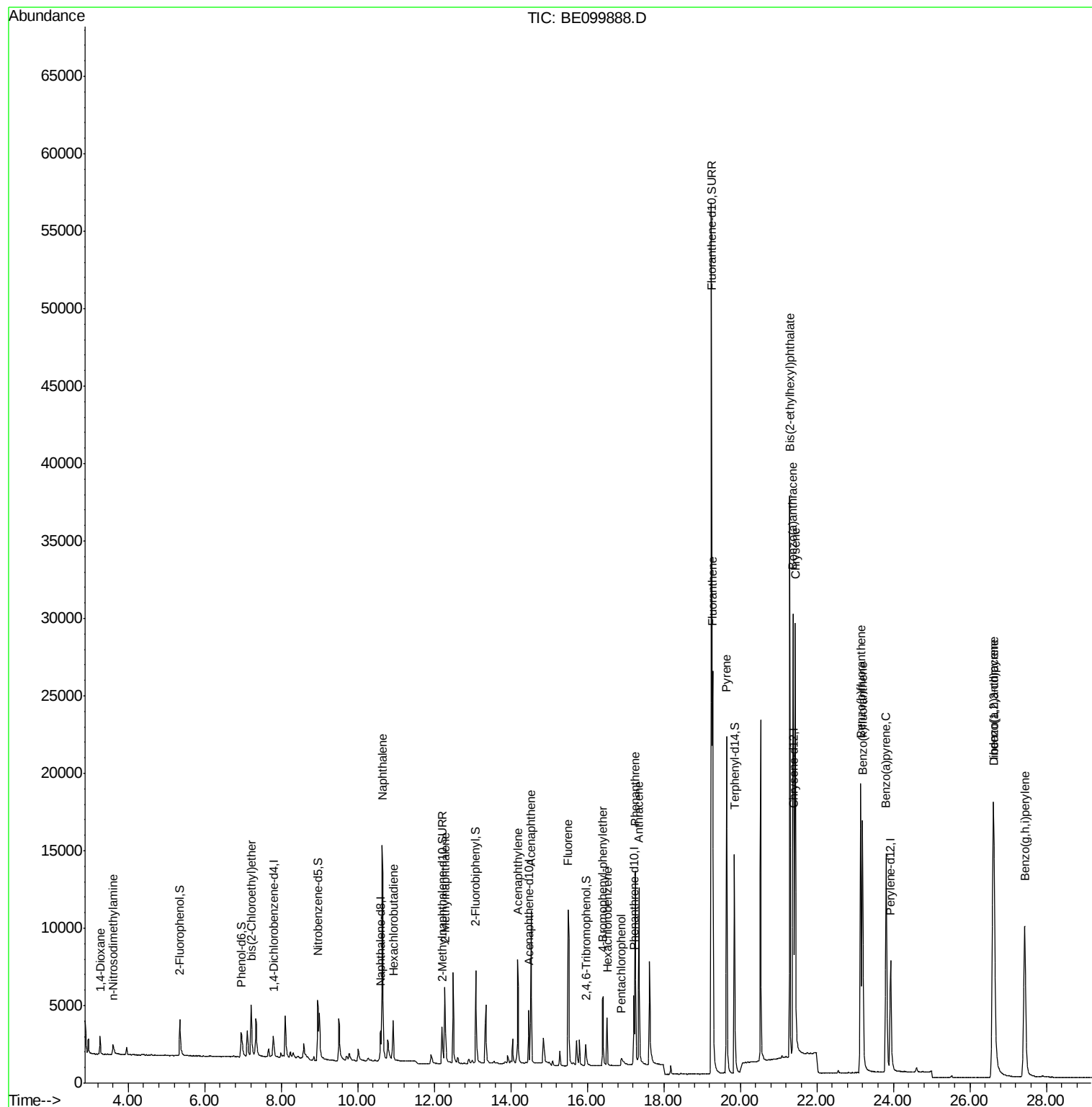
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	929	0.763	ng	94
3) n-Nitrosodimethylamine	3.60	42	537	0.689	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	1892	0.764	ng	95
9) Naphthalene	10.64	128	27006	0.829	ng	# 98
10) Hexachlorobutadiene	10.93	225	2046	0.854	ng	98
12) 2-Methylnaphthalene	12.28	142	4430	0.800	ng	96
16) Acenaphthylene	14.18	152	8967	0.847	ng	100
17) Acenaphthene	14.53	154	4932	0.850	ng	99
18) Fluorene	15.50	166	7361	0.829	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	3322	0.835	ng	# 92
21) Hexachlorobenzene	16.52	284	3352	0.863	ng	99
22) Pentachlorophenol	16.89	266	843	0.700	ng	90
23) Phenanthrene	17.25	178	13956	0.810	ng	99
24) Anthracene	17.35	178	13122	0.795	ng	99
26) Fluoranthene	19.28	202	23581	0.776	ng	99
28) Pyrene	19.64	202	24441	0.810	ng	100
30) Benzo(a)anthracene	21.38	228	28795	0.795	ng	99
31) Chrysene	21.44	228	28196	0.793	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	38069	0.644	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	33999	0.785	ng	99
35) Benzo(b)fluoranthene	23.15	252	27683	0.841	ng	98
36) Benzo(k)fluoranthene	23.20	252	29305	0.890	ng	98
37) Benzo(a)pyrene	23.81	252	26947	0.843	ng	98
38) Dibenzo(a,h)anthracene	26.63	278	27327	0.837	ng	99
39) Benzo(g,h,i)perylene	27.43	276	28210	0.850	ng	99

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

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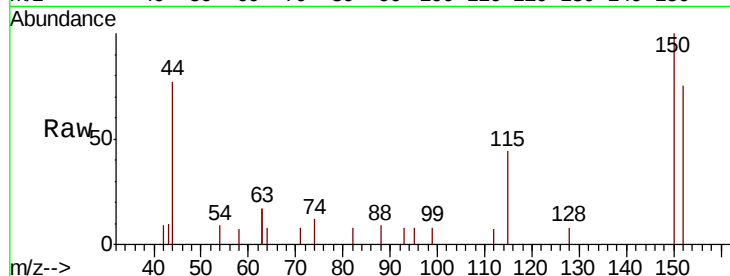


#1

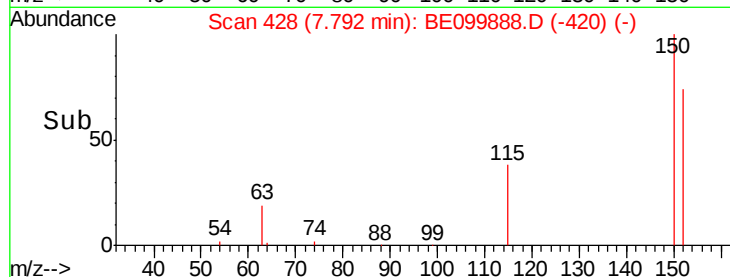
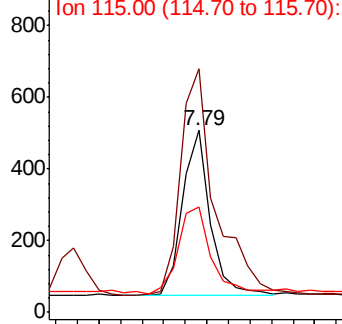
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 817
Ion Ratio Lower Upper
152 100
150 133.9 111.0 166.6
115 58.4 50.7 76.1



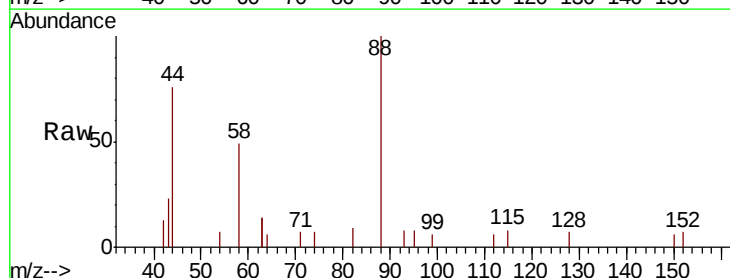
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



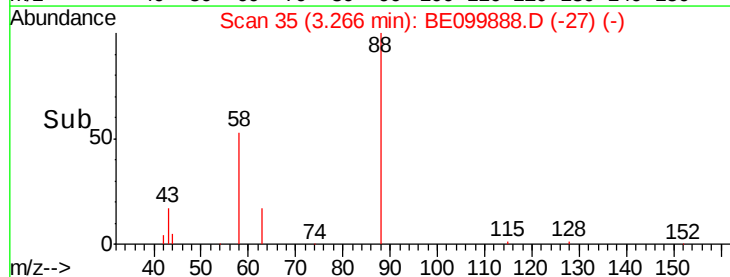
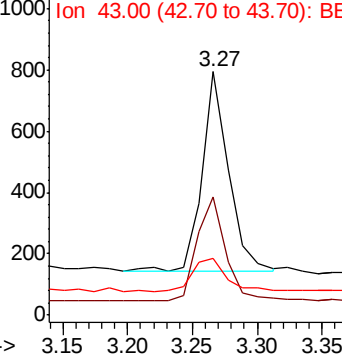
#2

1,4-Dioxane
Concen: 0.763 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Tgt Ion: 88 Resp: 929
Ion Ratio Lower Upper
88 100
58 55.9 48.8 73.2
43 21.2 19.0 28.6



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: 0.689 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

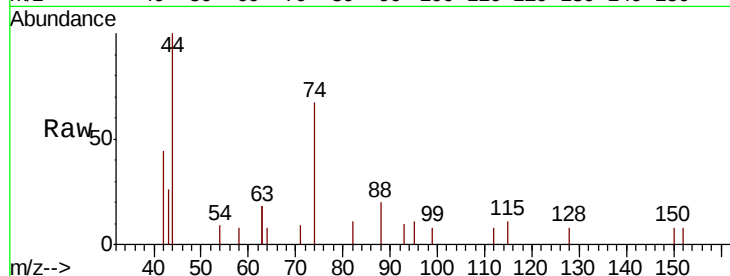
Tot Ion: 42 Resp: 537

Ion Ratio Lower Upper

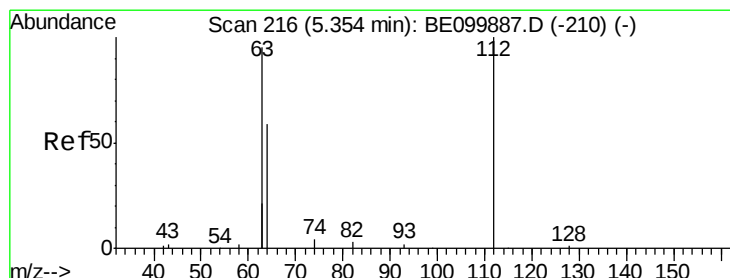
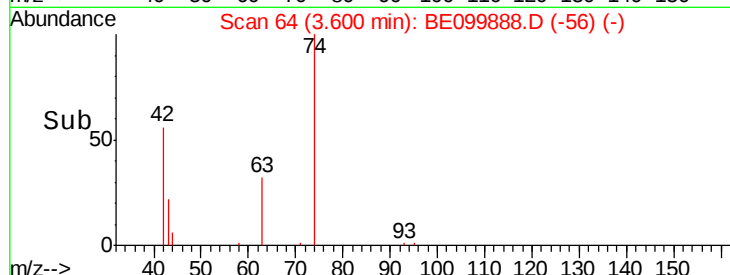
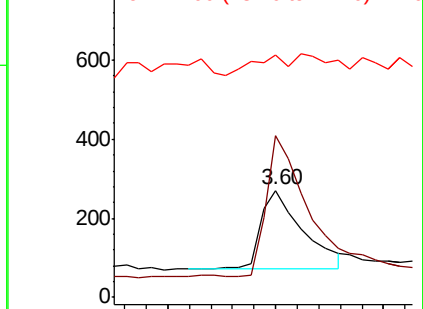
42 100

74 173.4 0.0 0.0#

44 21.2 0.0 0.0#



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: 0.649 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

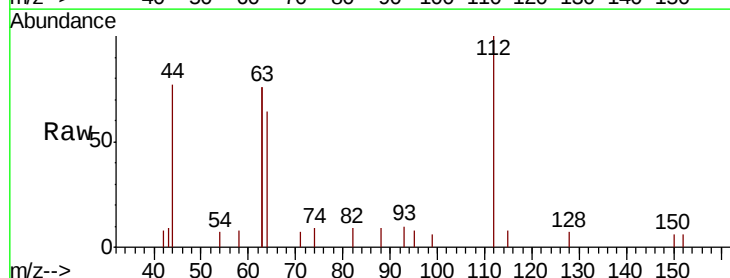
Tgt Ion: 112 Resp: 1775

Ion Ratio Lower Upper

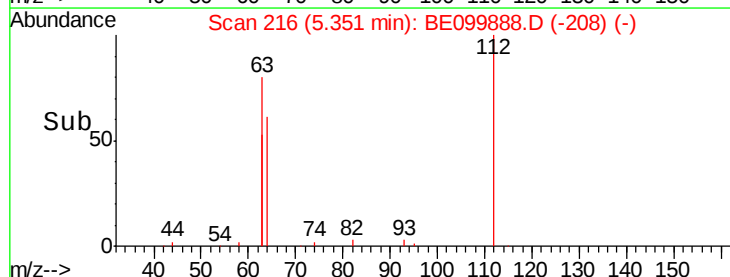
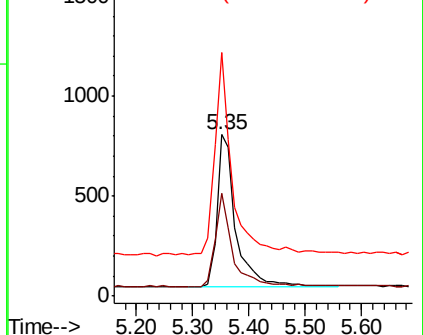
112 100

64 56.0 44.1 66.1

63 122.3 87.8 131.6



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: 0.707 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

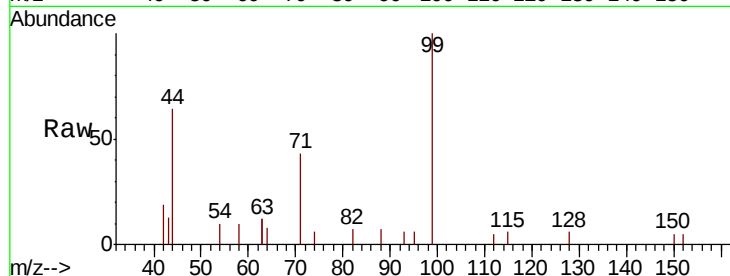
Tot Ion: 99 Resp: 2383

Ion Ratio Lower Upper

99 100

42 12.7 15.9 23.9#

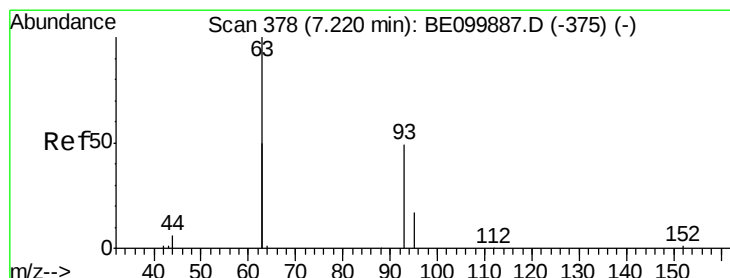
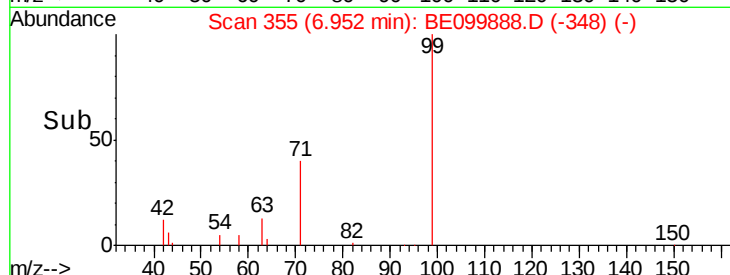
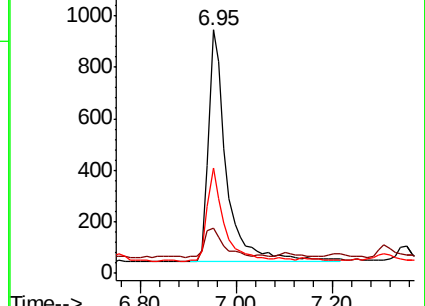
71 36.9 34.6 52.0



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: 0.764 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

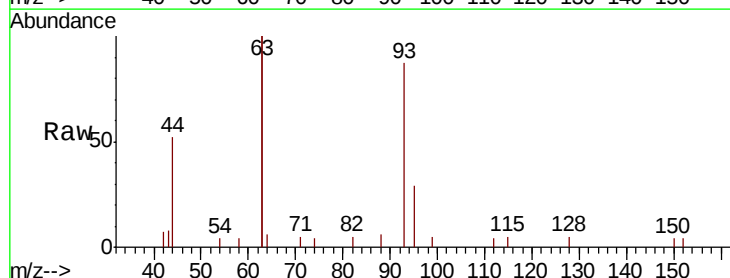
Tgt Ion: 93 Resp: 1892

Ion Ratio Lower Upper

93 100

63 243.7 202.8 304.2

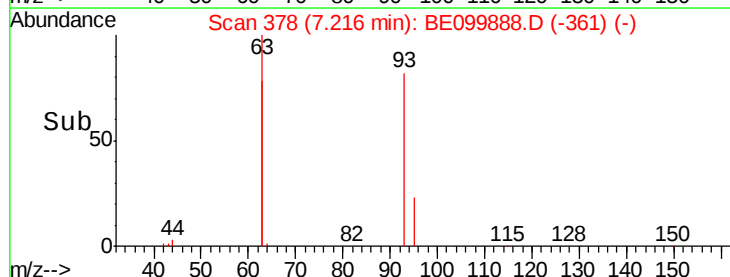
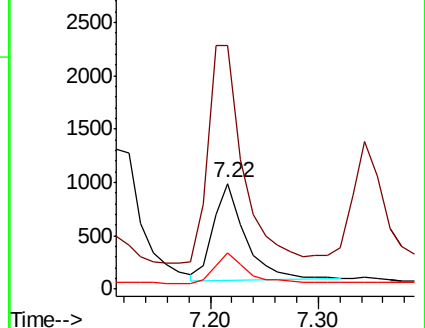
95 30.5 23.7 35.5

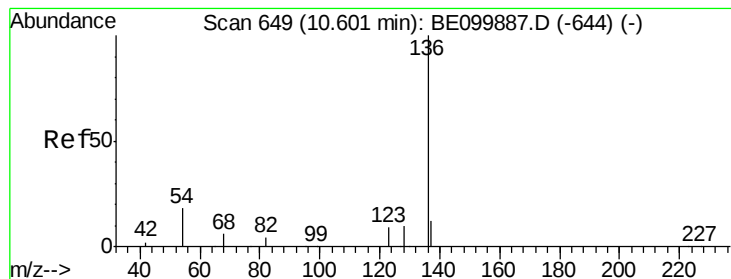


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 2997

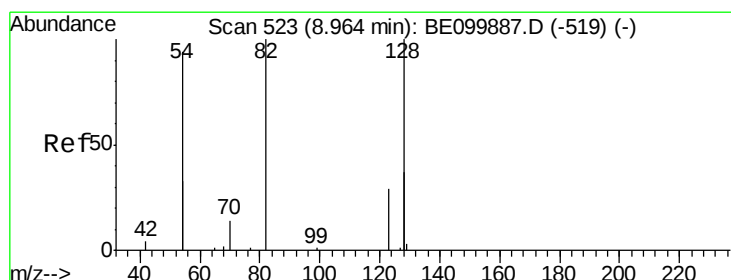
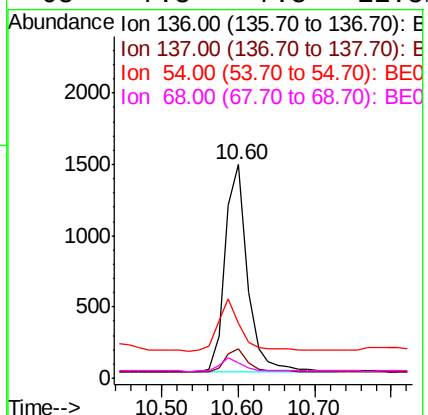
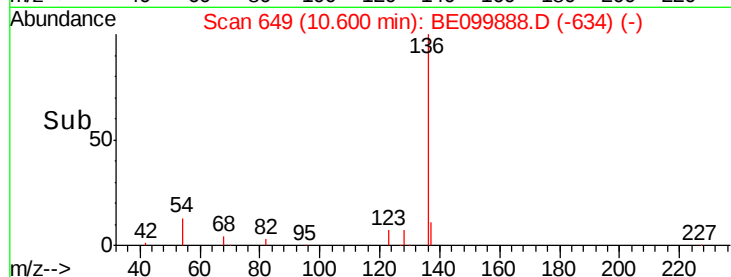
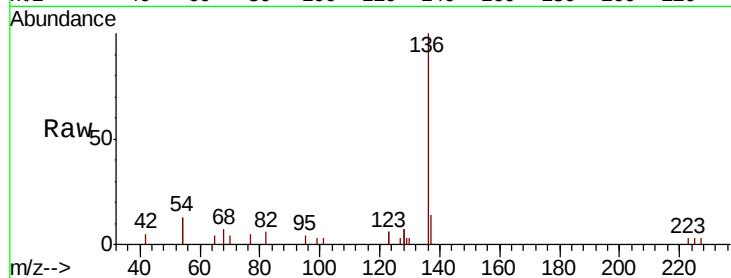
Ion Ratio Lower Upper

136 100

137 13.9 12.3 18.5

54 25.5 28.2 42.4#

68 7.3 7.8 11.8#



#8

Nitrobenzene-d5

Concen: 0.790 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

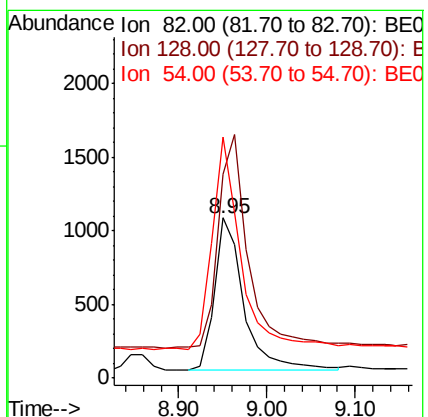
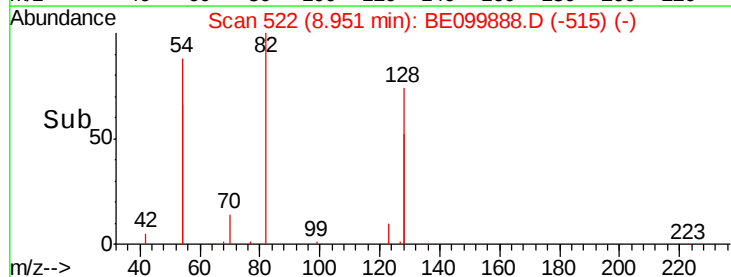
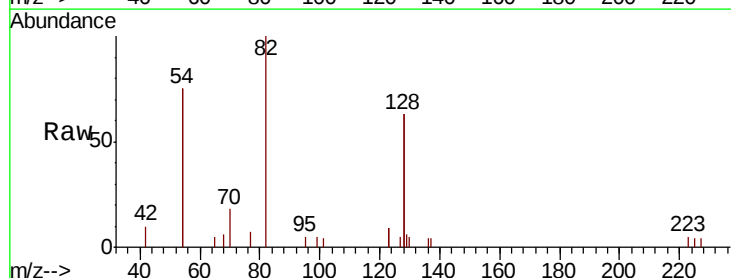
Tgt Ion: 82 Resp: 2389

Ion Ratio Lower Upper

82 100

128 126.8 137.3 205.9#

54 150.0 129.7 194.5





#9

Naphthalene

Concen: 0.829 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

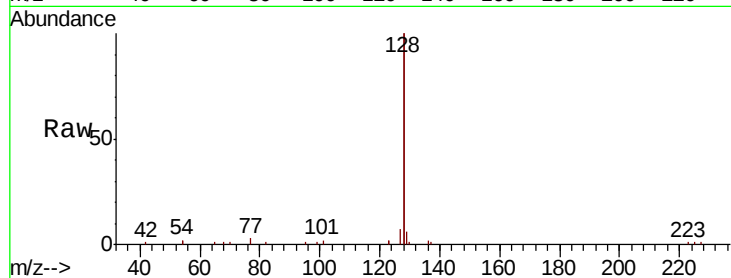
Tot Ion:128 Resp: 27006

Ion Ratio Lower Upper

128 100

129 3.0 3.0 4.6#

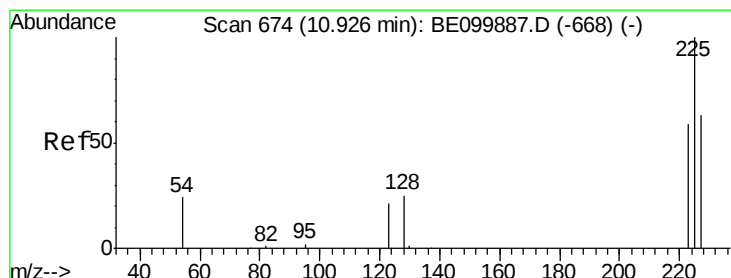
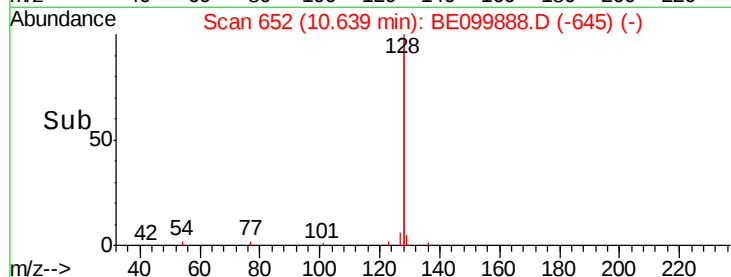
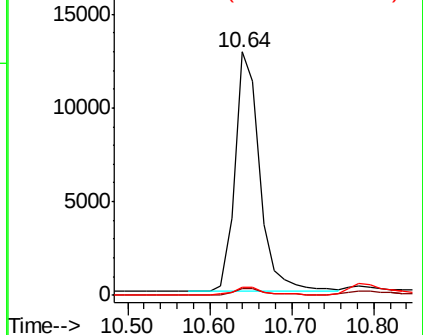
127 3.6 3.4 5.0



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: 0.854 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

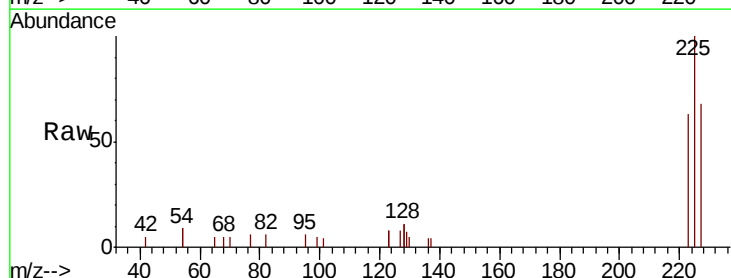
Tgt Ion:225 Resp: 2046

Ion Ratio Lower Upper

225 100

223 63.5 51.6 77.4

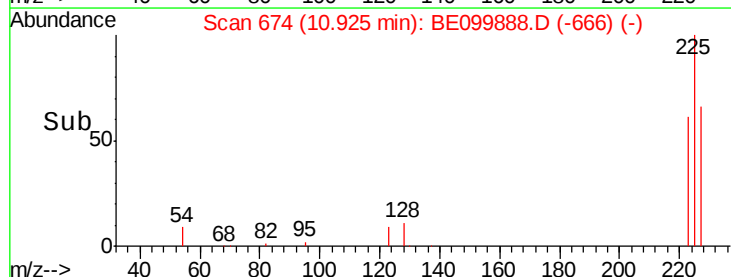
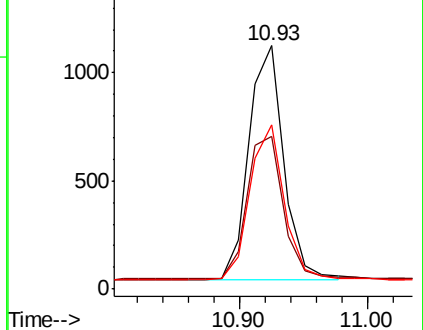
227 64.7 50.6 76.0



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: 0.806 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

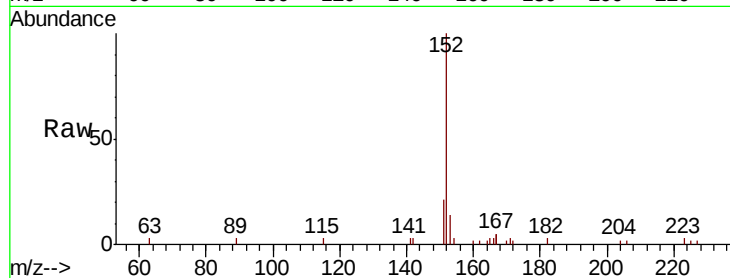
SSTDIC0.8

Tot Ion:152 Resp: 4372

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

2000

1500

1000

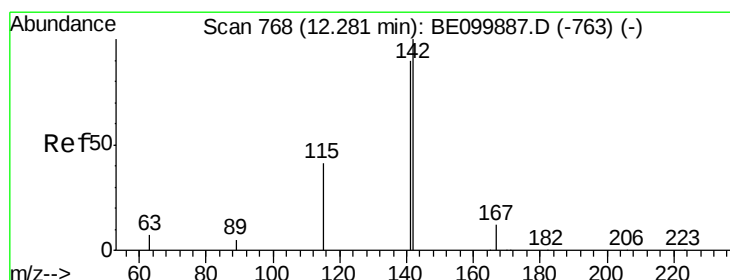
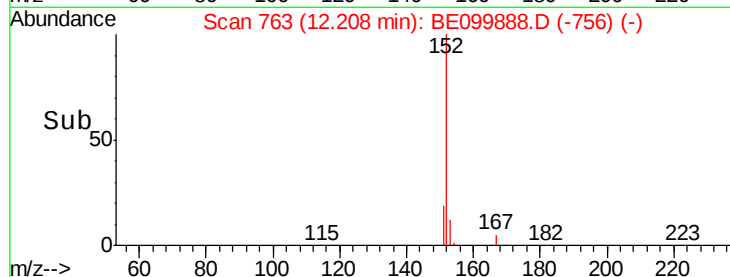
500

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.800 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

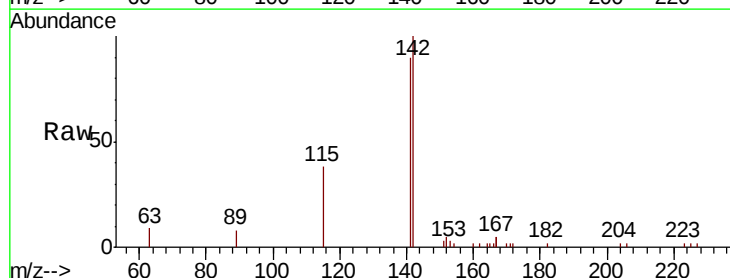
Tgt Ion:142 Resp: 4430

Ion Ratio Lower Upper

142 100

141 90.4 72.3 108.5

115 38.3 36.4 54.6



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

2500

2000

1500

1000

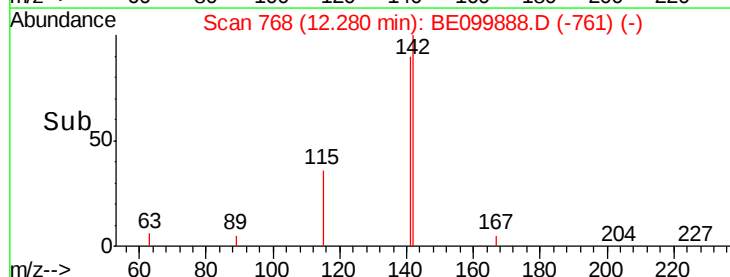
500

0

12.20

12.30

Time-->

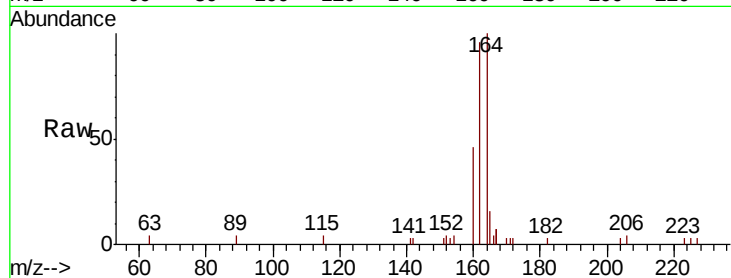




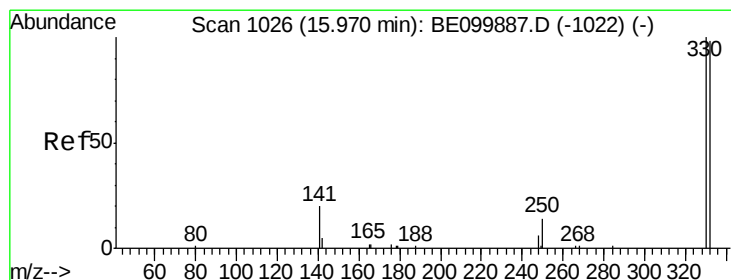
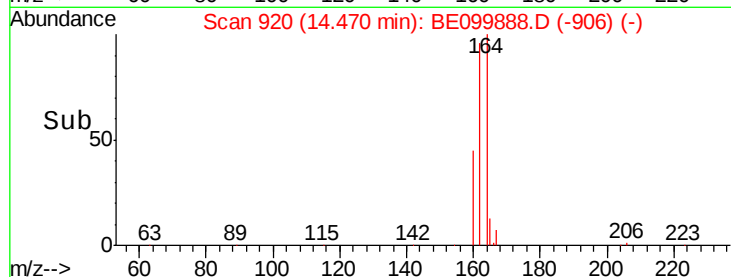
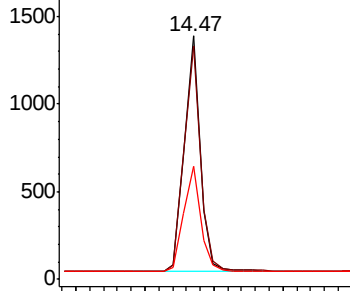
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:164 Resp: 2139
Ion Ratio Lower Upper
164 100
162 95.8 77.8 116.8
160 46.3 38.2 57.4

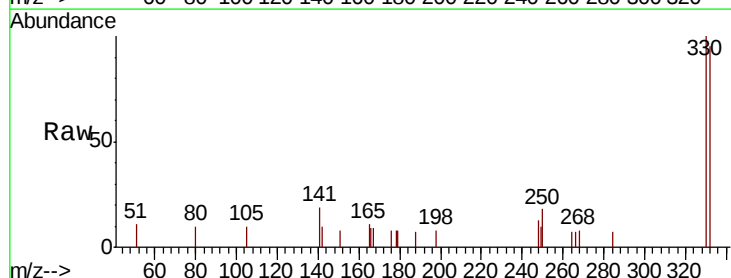


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

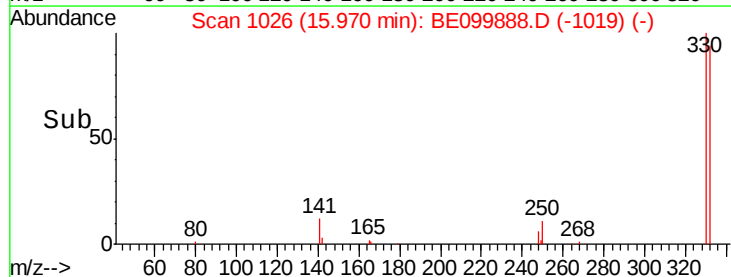
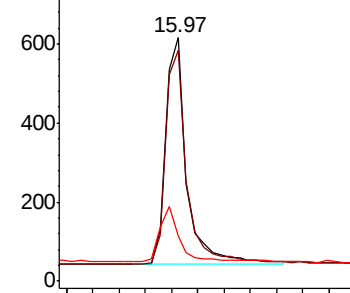


#14
2,4,6-Tribromophenol
Concen: 0.612 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Tgt Ion:330 Resp: 1296
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 22.3 21.0 31.6



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

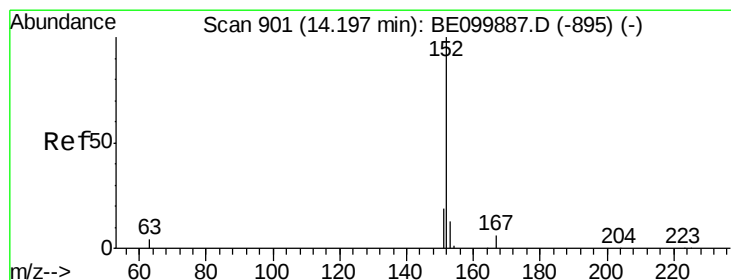
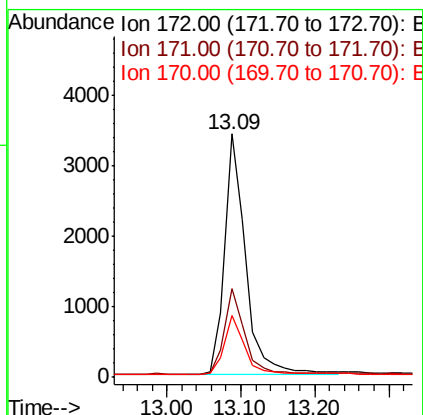
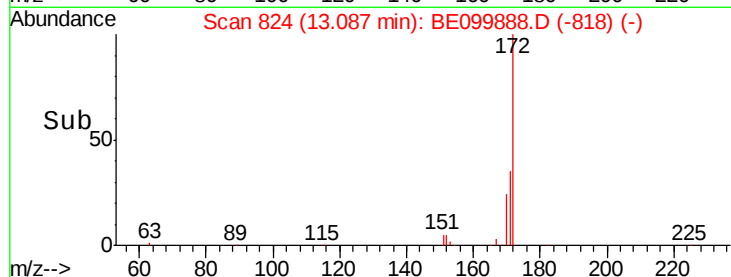
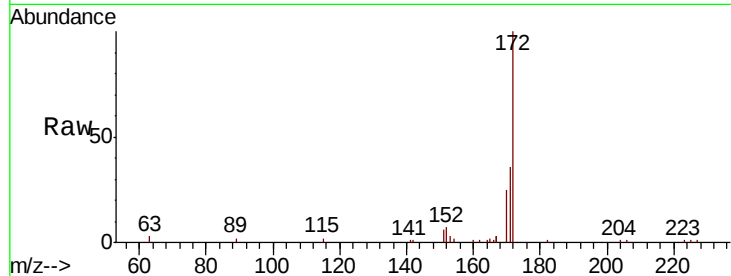




#15
2-Fluorobiphenyl
Concen: 0.868 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

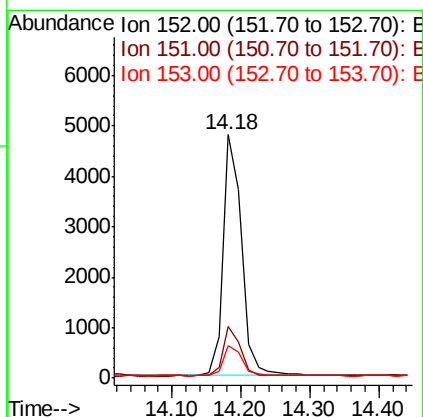
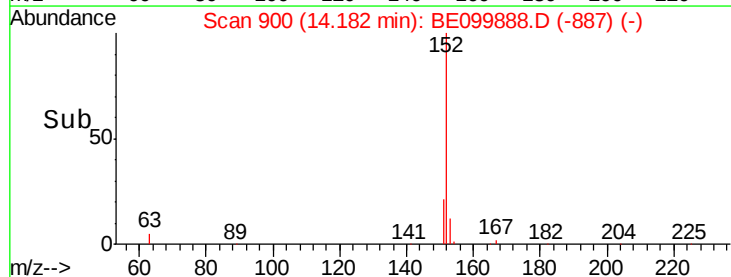
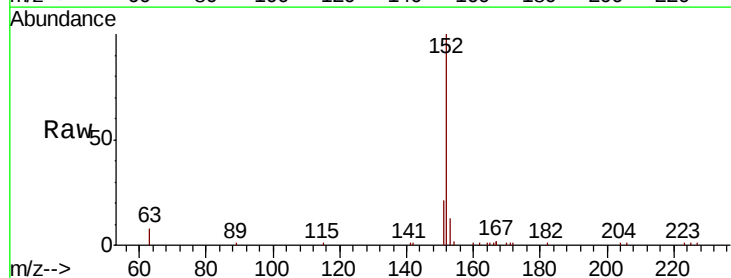
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

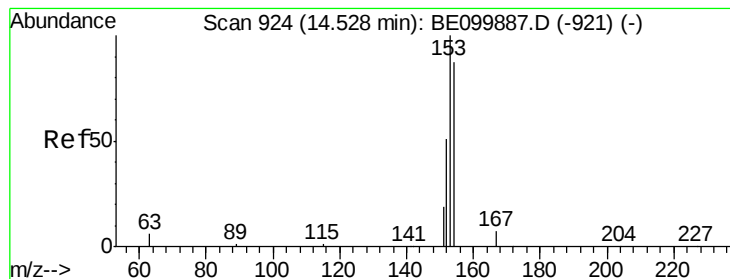
Tot Ion:172 Resp: 6712
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 25.4 21.2 31.8



#16
Acenaphthylene
Concen: 0.847 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Tgt Ion:152 Resp: 8967
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 12.6 10.2 15.2





#17

Acenaphthene

Concen: 0.850 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

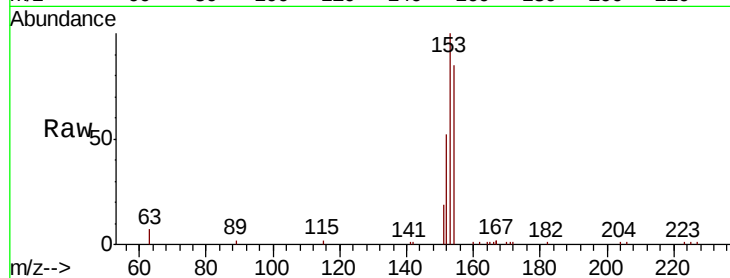
Tot Ion:154 Resp: 4932

Ion Ratio Lower Upper

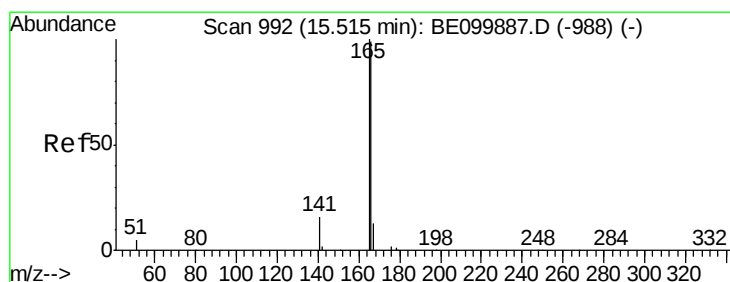
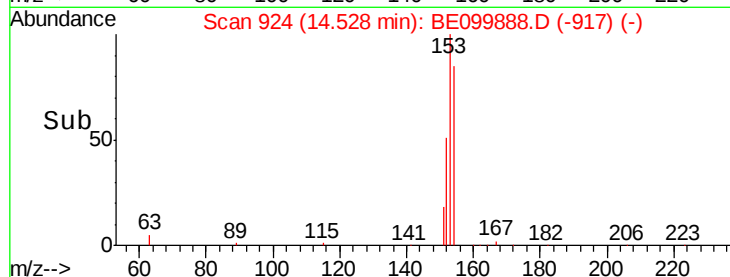
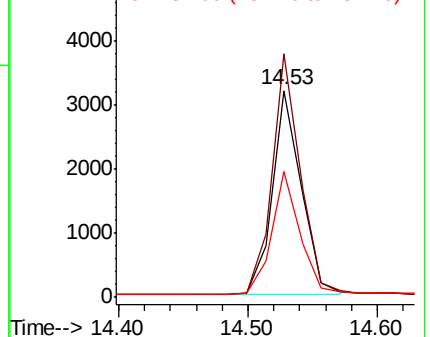
154 100

153 115.1 93.1 139.7

152 58.6 47.0 70.4



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: 0.829 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

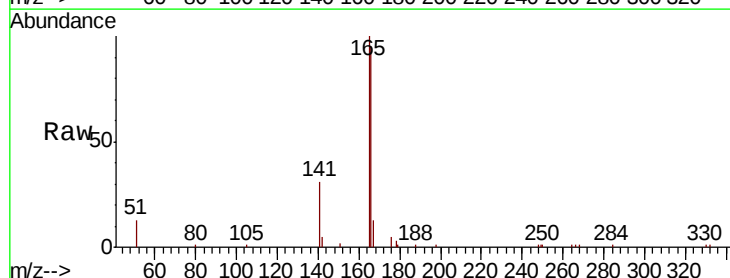
Tgt Ion:166 Resp: 7361

Ion Ratio Lower Upper

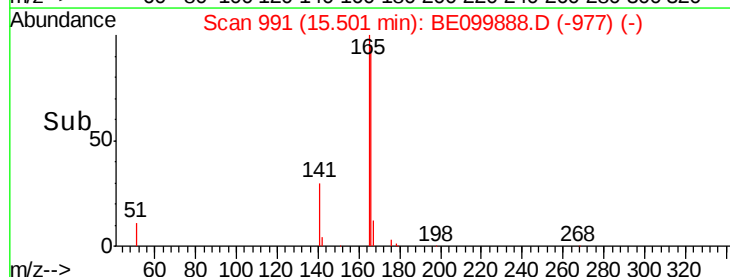
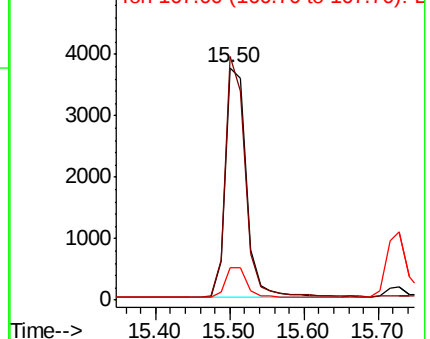
166 100

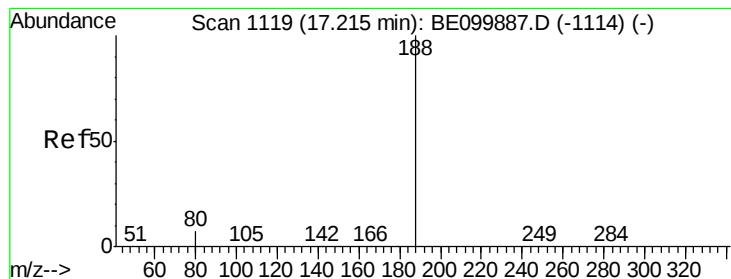
165 99.1 81.8 122.8

167 13.4 11.2 16.8



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: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

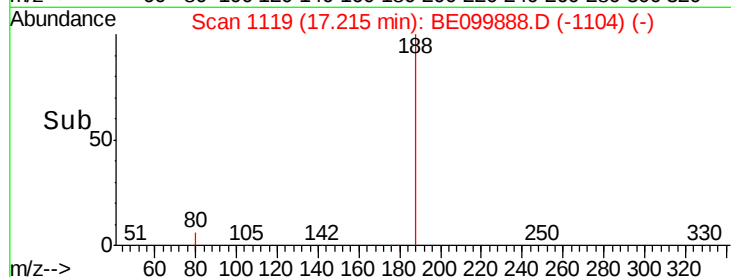
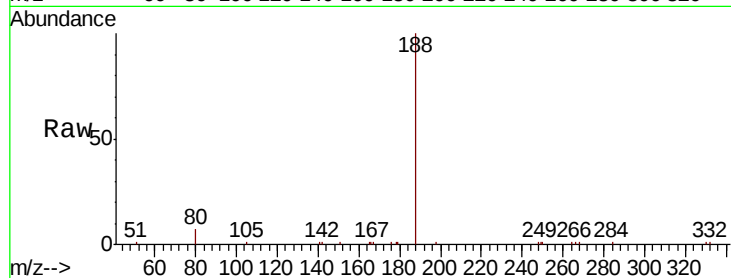
Tot Ion:188 Resp: 6945

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

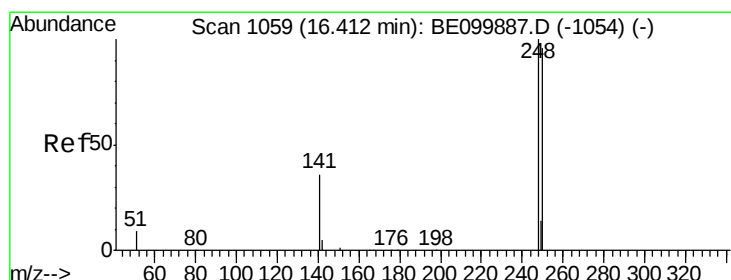
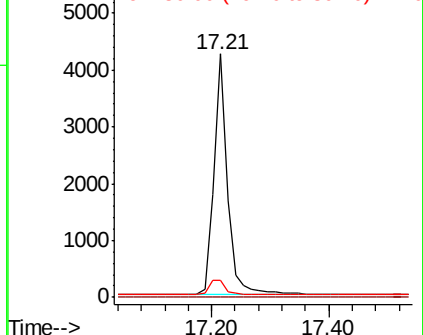
80 6.9 6.4 9.6



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: 0.835 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

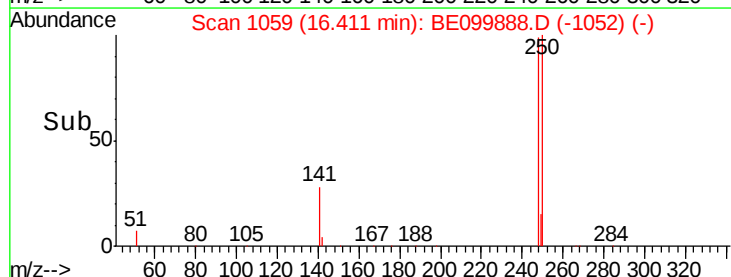
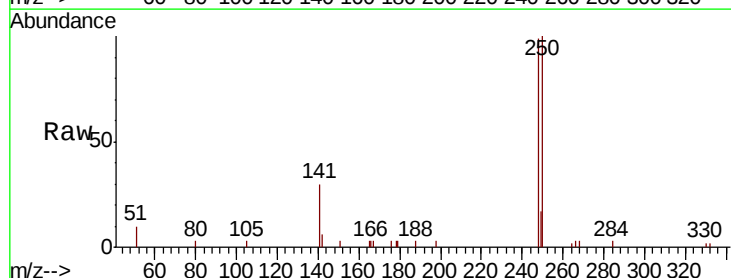
Tgt Ion:248 Resp: 3322

Ion Ratio Lower Upper

248 100

250 101.2 77.5 116.3

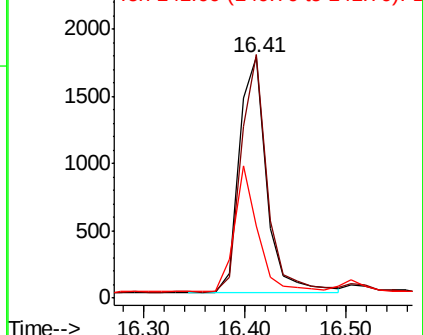
141 30.0 31.8 47.8#



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

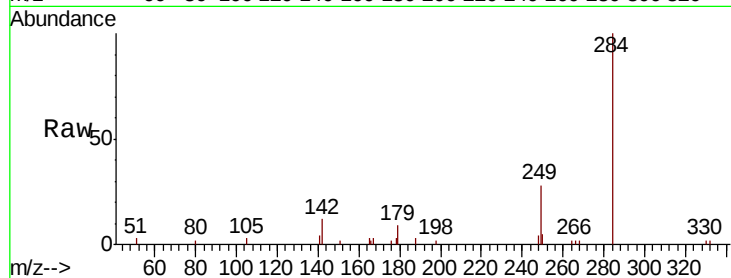




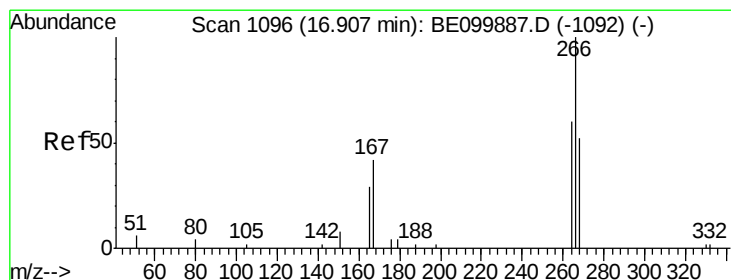
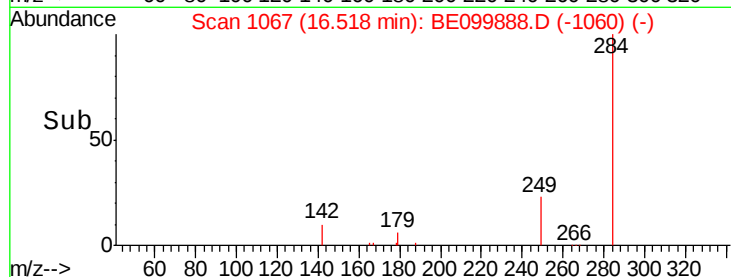
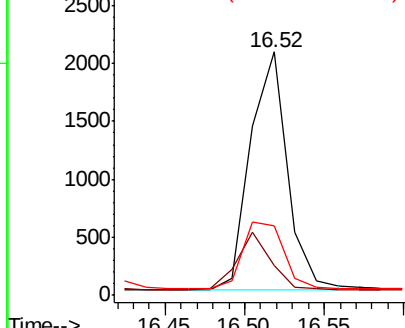
#21
Hexachlorobenzene
Concen: 0.863 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Instrument :
BNA_E
ClientSampled :
SSTDIC0.8

Tot Ion:284 Resp: 3352
Ion Ratio Lower Upper
284 100
142 22.0 18.2 27.4
249 30.6 24.6 37.0

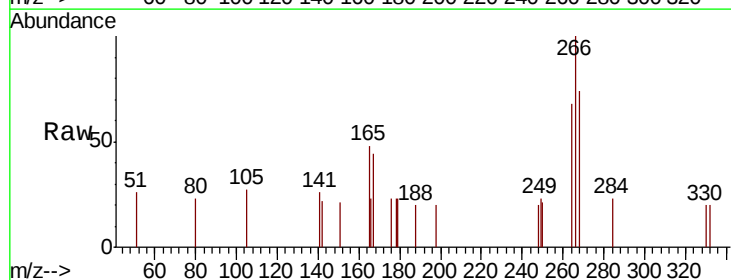


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

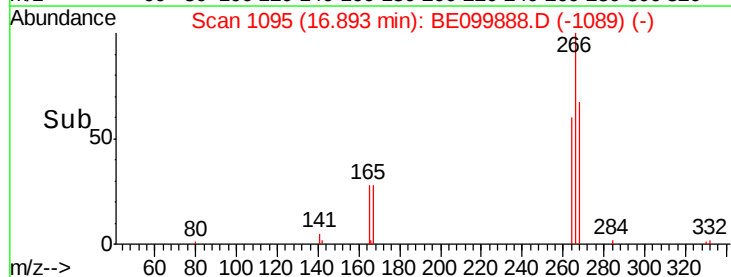
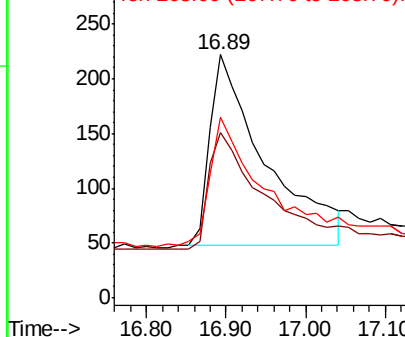


#22
Pentachlorophenol
Concen: 0.700 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Tgt Ion:266 Resp: 843
Ion Ratio Lower Upper
266 100
264 68.0 62.2 93.2
268 74.3 65.5 98.3



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: 0.810 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

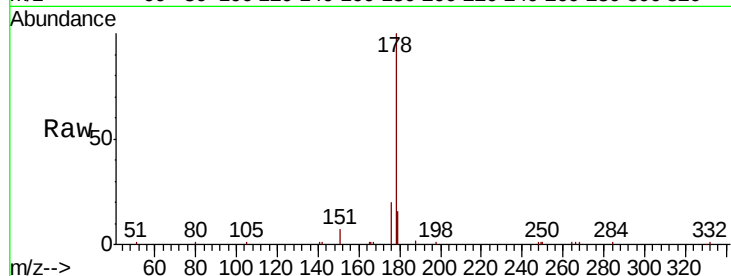
Tot Ion:178 Resp: 13956

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

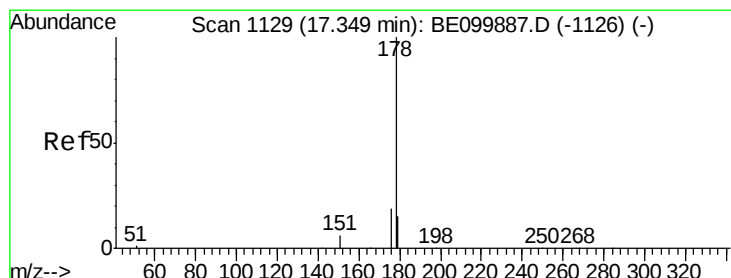
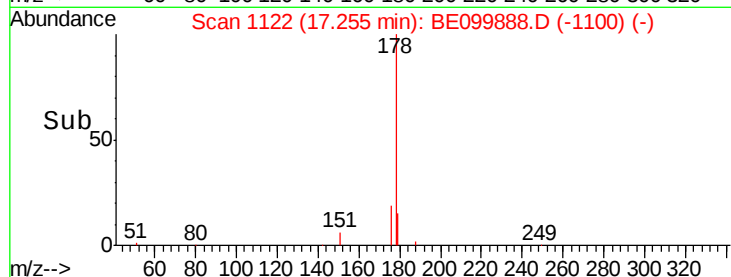
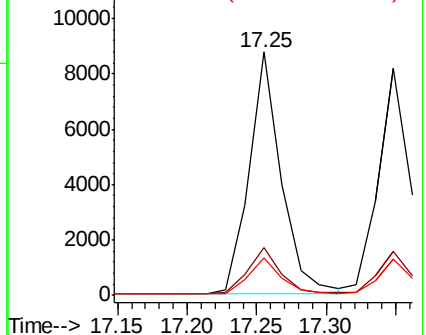
179 15.2 12.4 18.6



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: 0.795 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

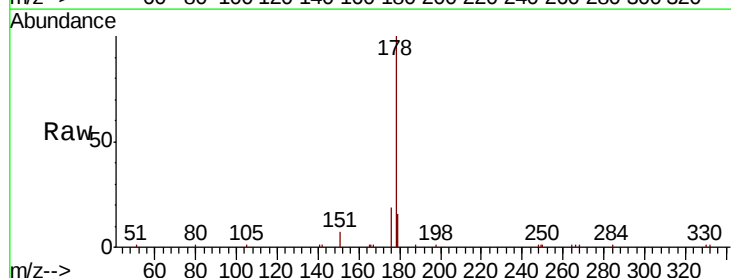
Tgt Ion:178 Resp: 13122

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

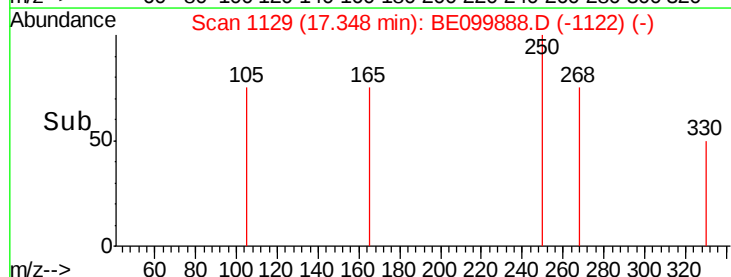
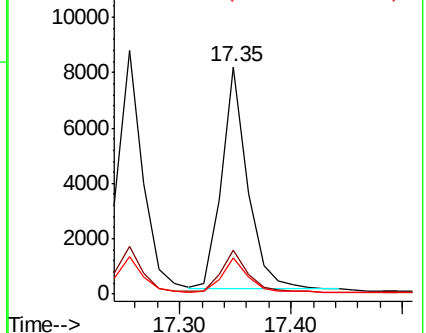
179 15.5 12.3 18.5

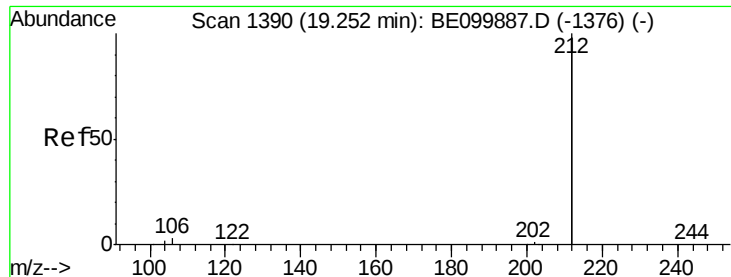


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.773 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

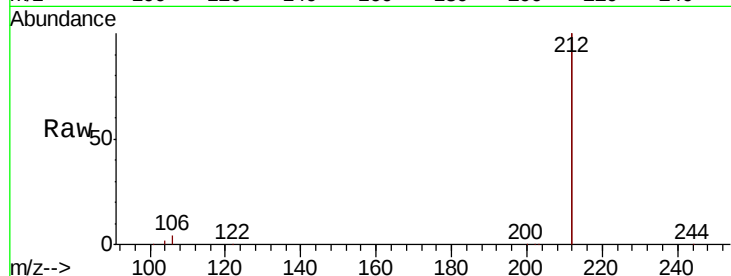
Tot Ion:212 Resp: 83253

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

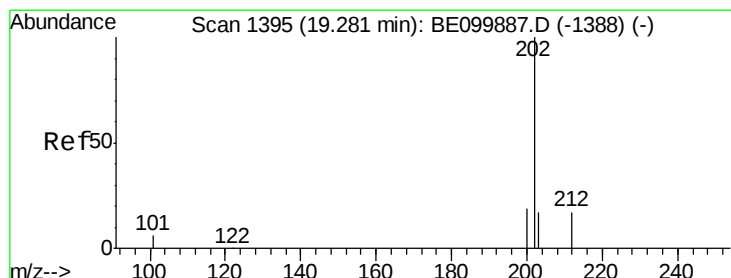
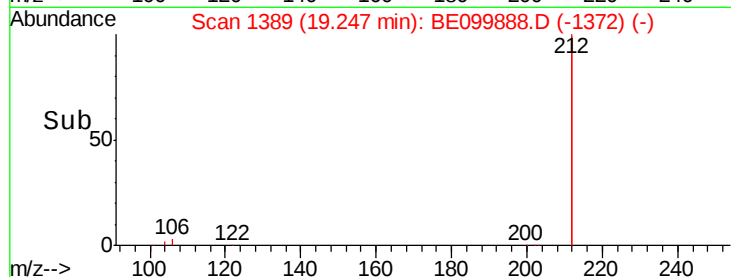
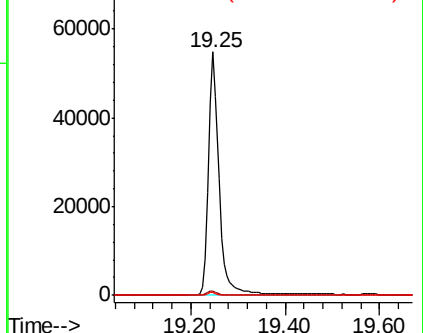
104 1.0 0.9 1.3



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: 0.776 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

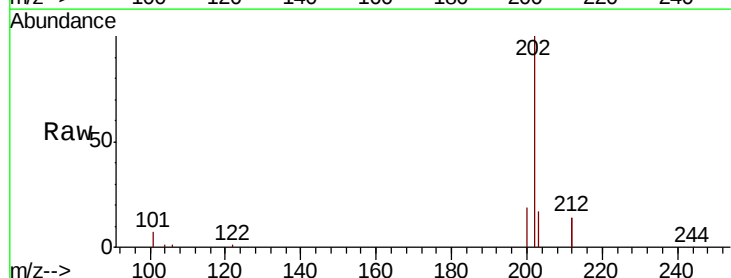
Tgt Ion:202 Resp: 23581

Ion Ratio Lower Upper

202 100

101 6.6 5.4 8.0

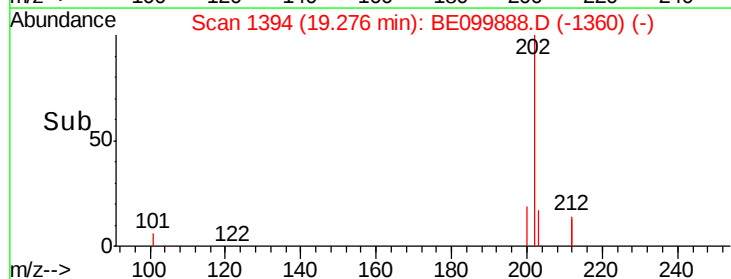
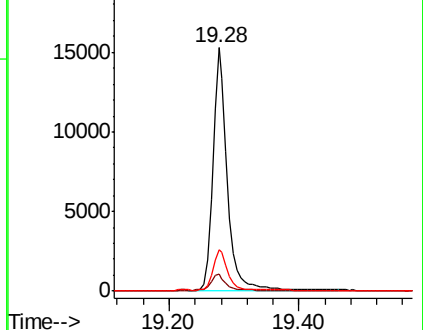
203 17.1 13.2 19.8



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

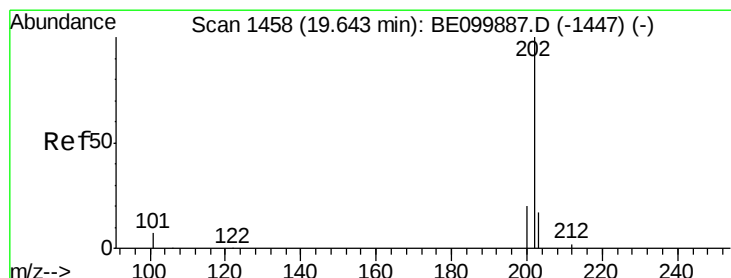
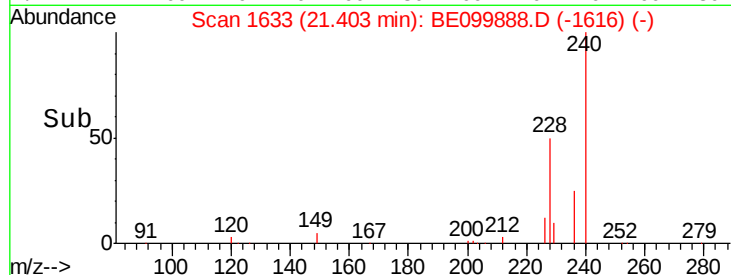
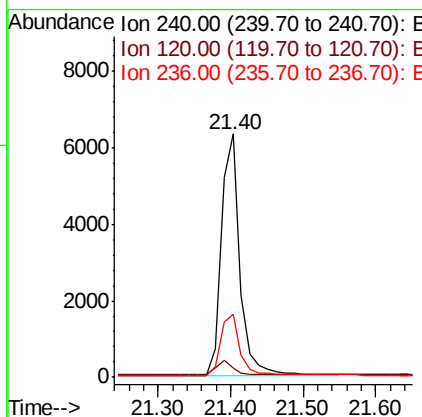
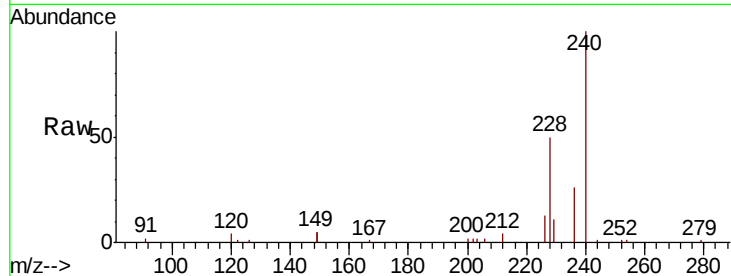




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

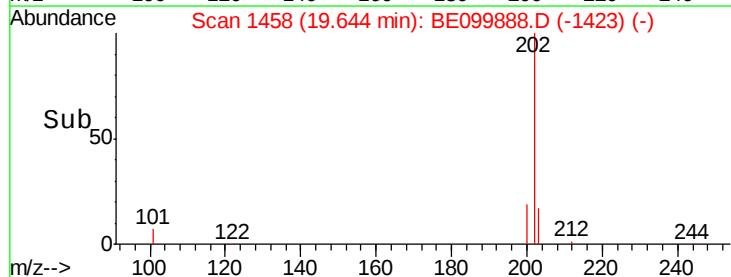
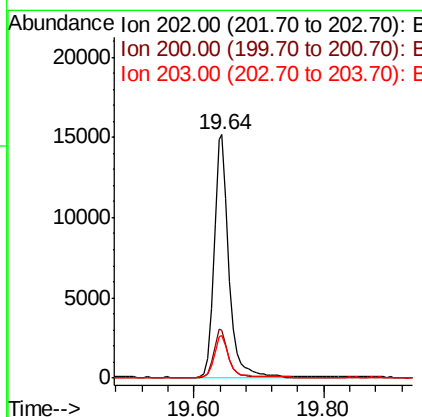
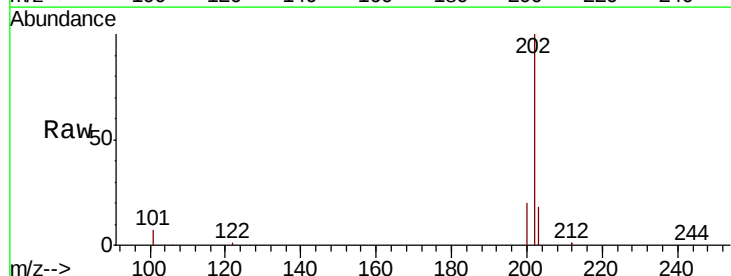
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

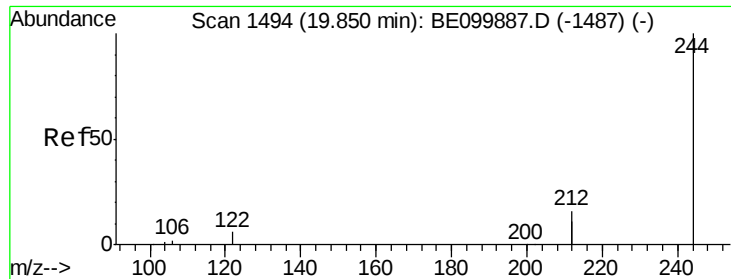
Tot Ion:240 Resp: 11401
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.6
236 26.1 22.0 33.0



#28
Pyrene
Concen: 0.810 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Tgt Ion:202 Resp: 24441
Ion Ratio Lower Upper
202 100
200 19.4 15.5 23.3
203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.791 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampled :

SSTDIC0.8

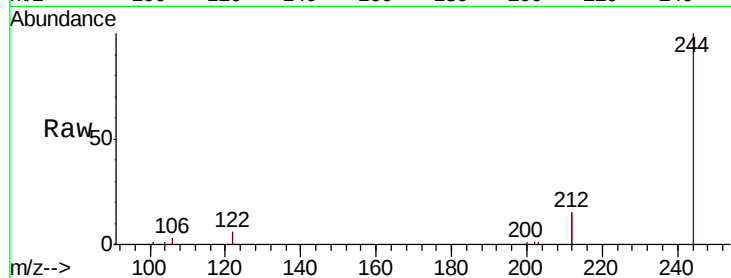
Tot Ion:244 Resp: 16811

Ion Ratio Lower Upper

244 100

212 29.4 25.7 38.5

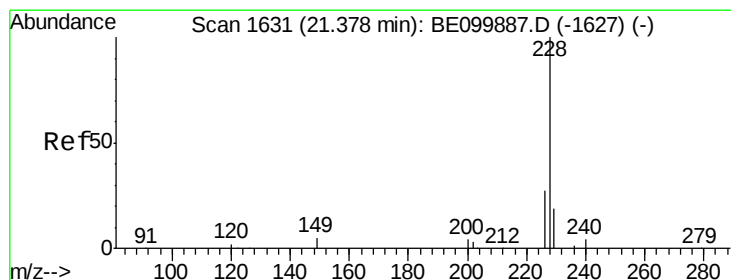
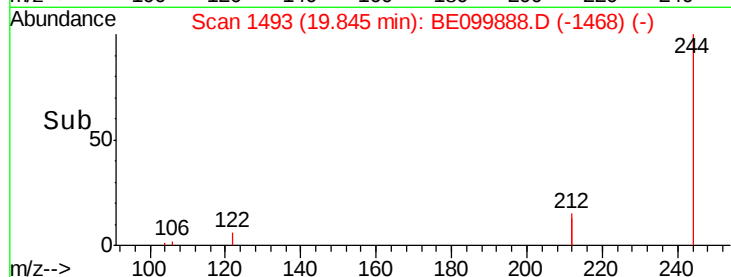
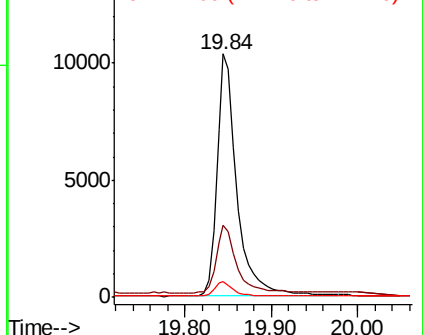
122 6.2 5.5 8.3



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: 0.795 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

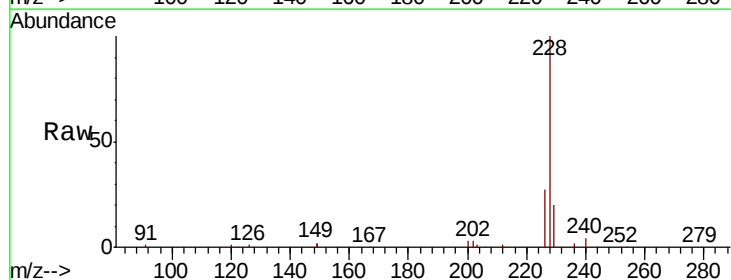
Tgt Ion:228 Resp: 28795

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

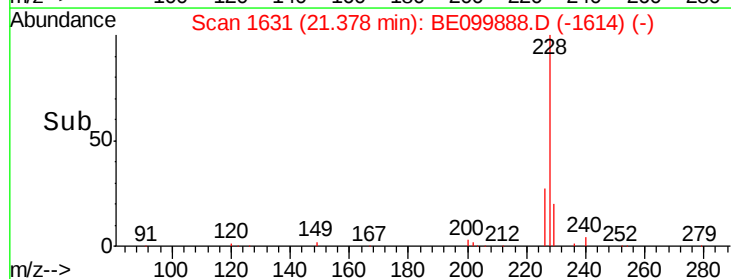
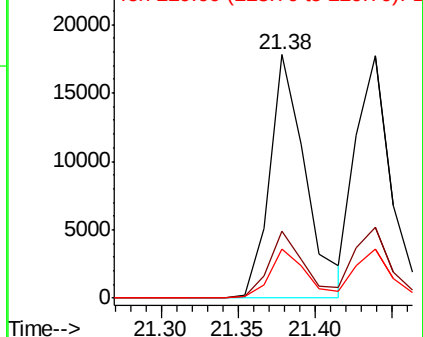
229 20.1 15.9 23.9

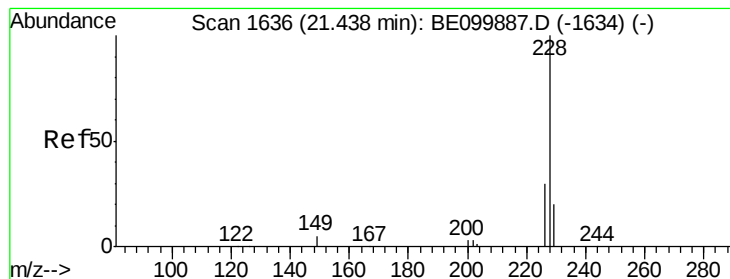


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.793 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

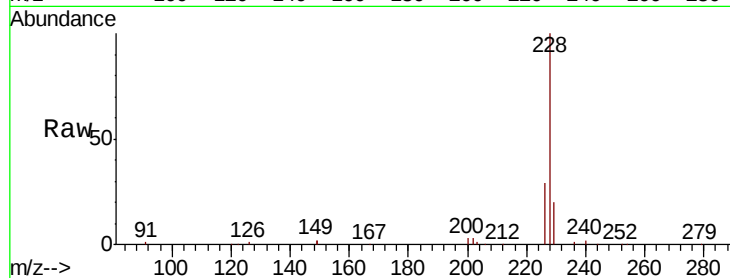
Tot Ion:228 Resp: 28196

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

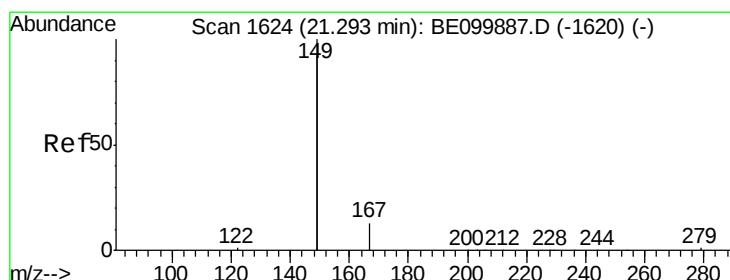
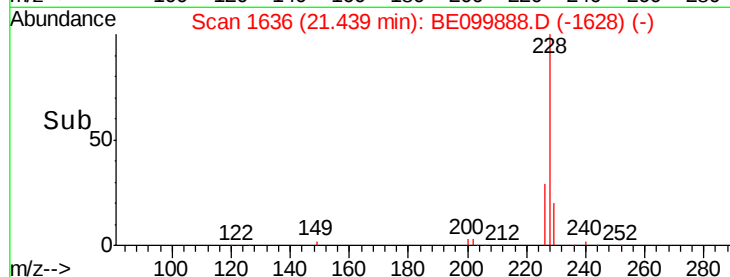
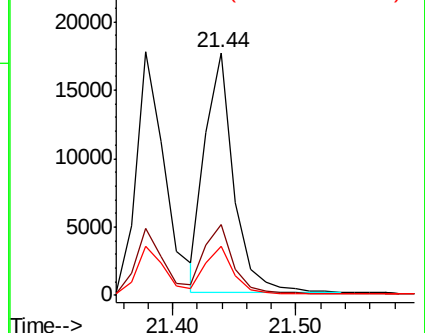
229 20.1 16.1 24.1



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: 0.644 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

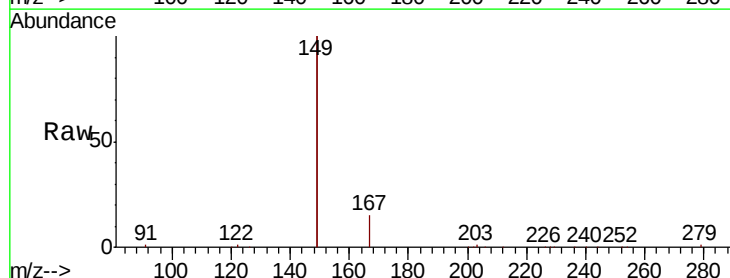
Tgt Ion:149 Resp: 38069

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

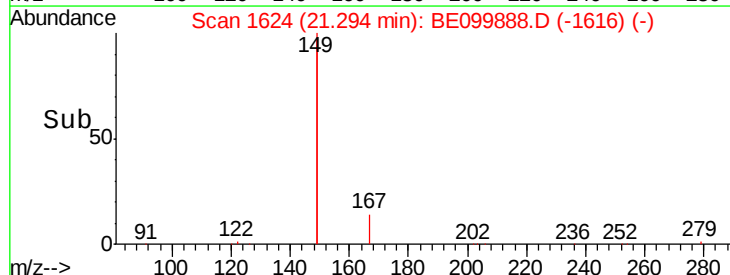
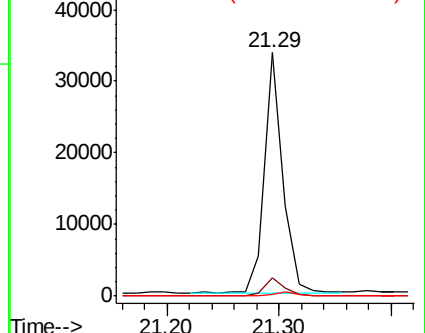
279 1.4 1.2 1.8



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

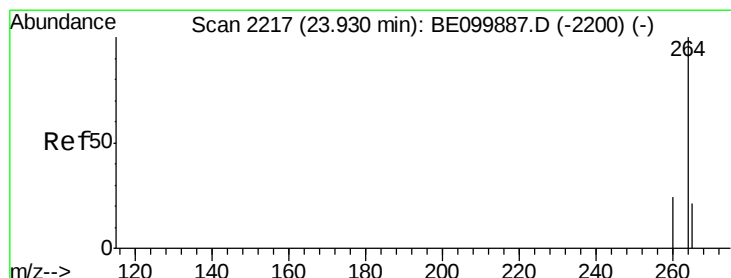
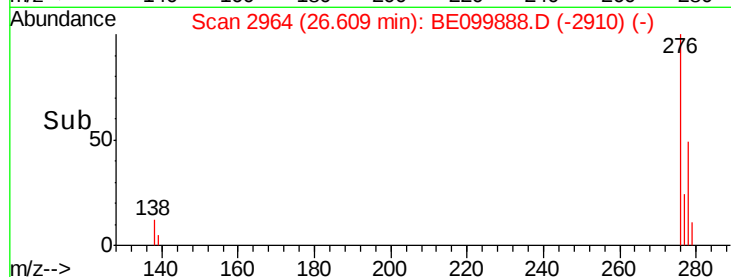
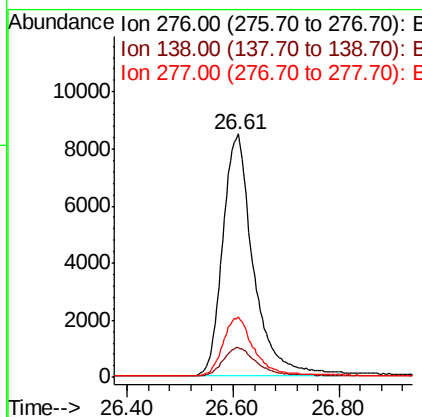
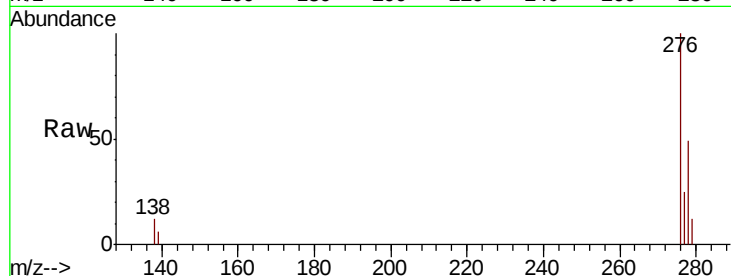




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.785 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

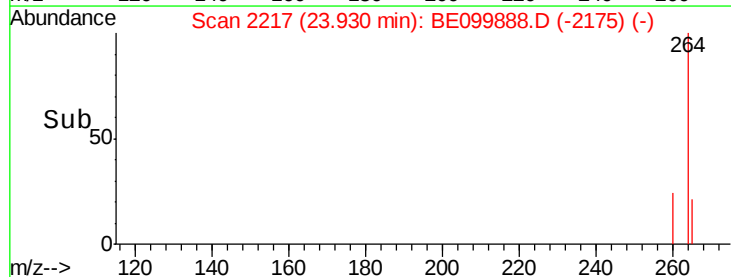
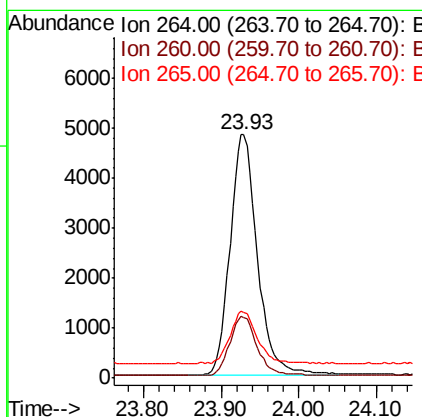
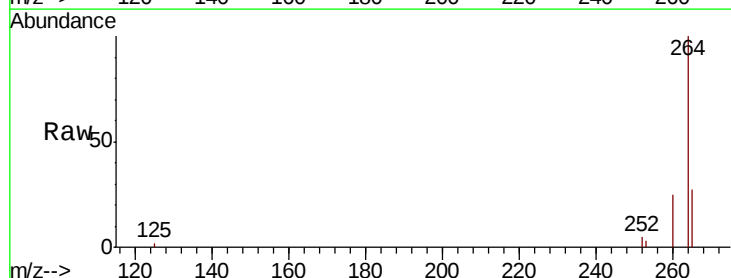
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:276 Resp: 33999
Ion Ratio Lower Upper
276 100
138 12.3 10.1 15.1
277 24.3 19.1 28.7



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BE099888.D
Acq: 10 Jun 2019 12:05

Tgt Ion:264 Resp: 11854
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.2
265 26.8 22.0 33.0





#35

Benzo(b)fluoranthene

Concen: 0.841 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

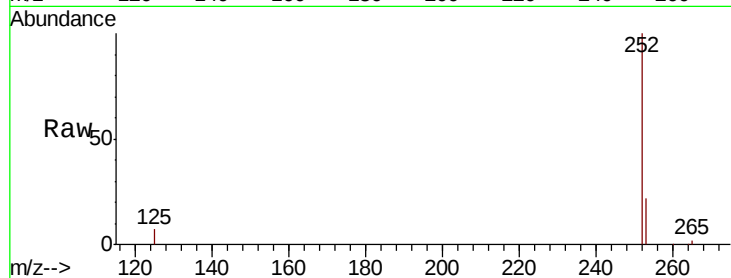
Tot Ion:252 Resp: 27683

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

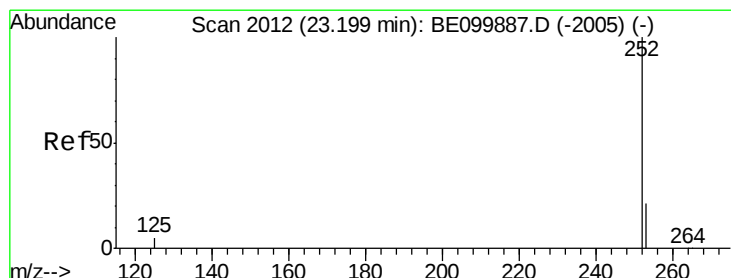
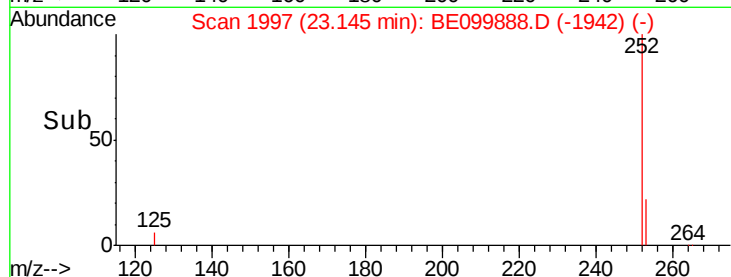
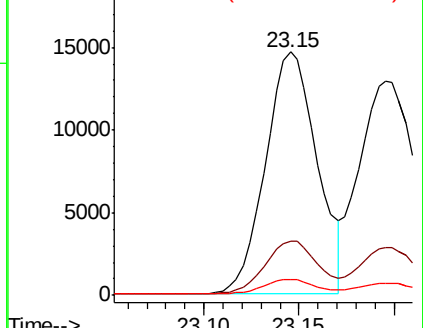
125 6.6 5.7 8.5



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: 0.890 ng

RT: 23.20 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

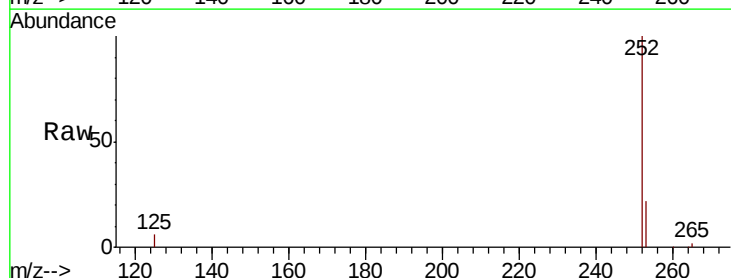
Tgt Ion:252 Resp: 29305

Ion Ratio Lower Upper

252 100

253 22.4 18.6 28.0

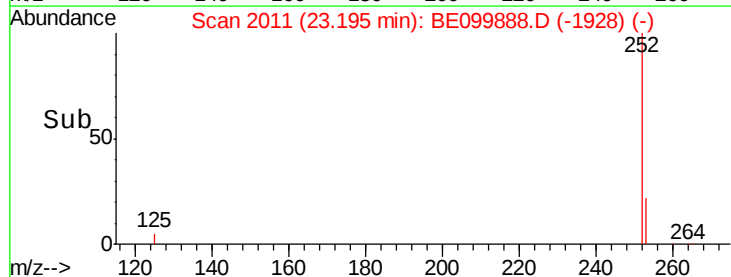
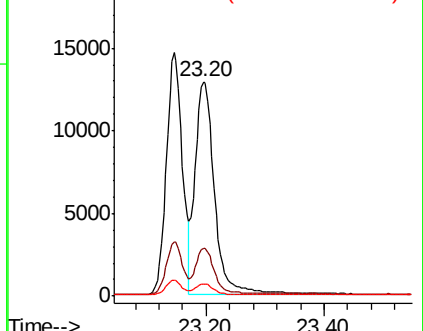
125 5.6 5.4 8.0



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: 0.843 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

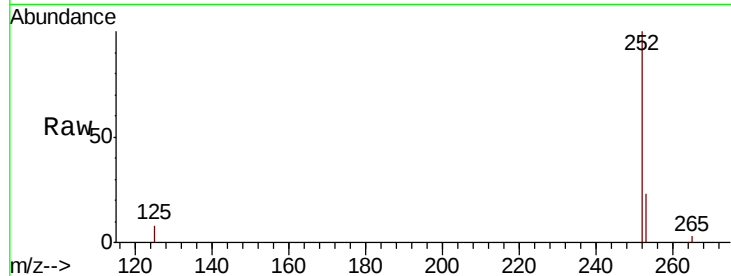
Tot Ion:252 Resp: 26947

Ion Ratio Lower Upper

252 100

253 23.0 19.6 29.4

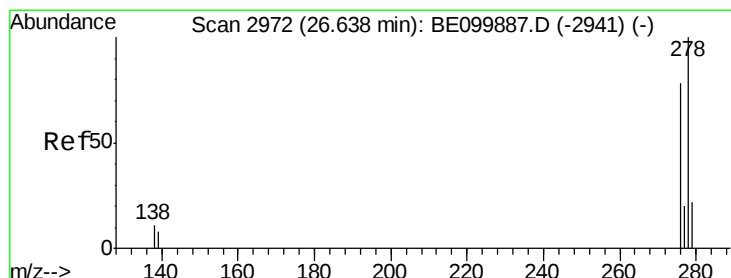
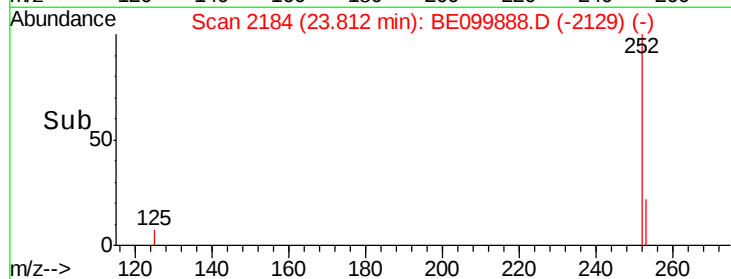
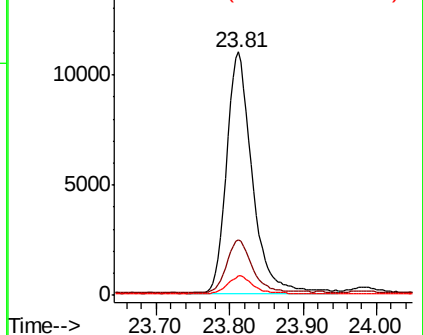
125 7.9 6.6 10.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.837 ng

RT: 26.63 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

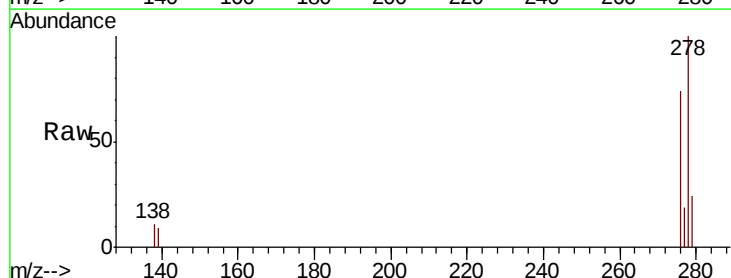
Tgt Ion:278 Resp: 27327

Ion Ratio Lower Upper

278 100

139 9.2 7.8 11.8

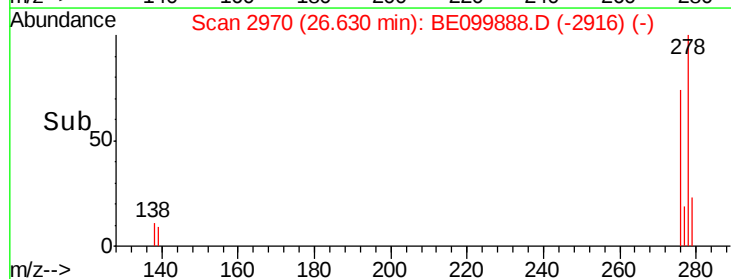
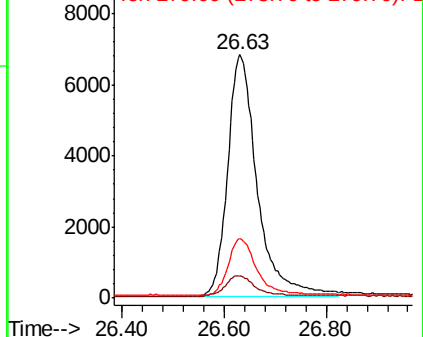
279 24.4 20.0 30.0



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: 0.850 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE099888.D

Acq: 10 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

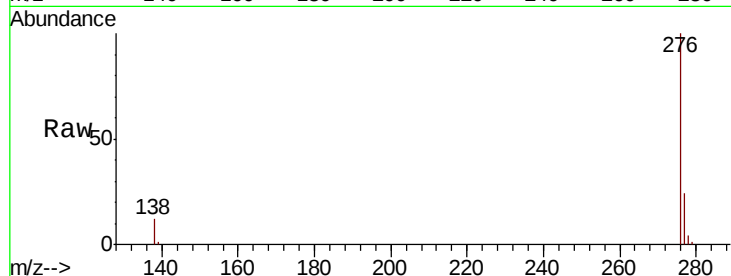
Tot Ion: 276 Resp: 28210

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 11.6 9.5 14.3



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

