

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099561.D
 Acq On : 7 May 2019 11:25
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: May 07 13:45:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 13:34:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1591	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5736	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4196	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12060	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17946	0.40	ng	0.00
34) Perylene-d12	23.98	264	19068	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3811	0.87	ng	0.00
5) Phenol-d6	6.98	99	4892	0.84	ng	0.00
8) Nitrobenzene-d5	8.98	82	4773	0.89	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8568	0.83	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	2365	0.89	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	13227	0.83	ng	0.00
25) Fluoranthene-d10	19.28	212	136970	0.84	ng	0.00
29) Terphenyl-d14	19.87	244	27960	0.85	ng	0.00

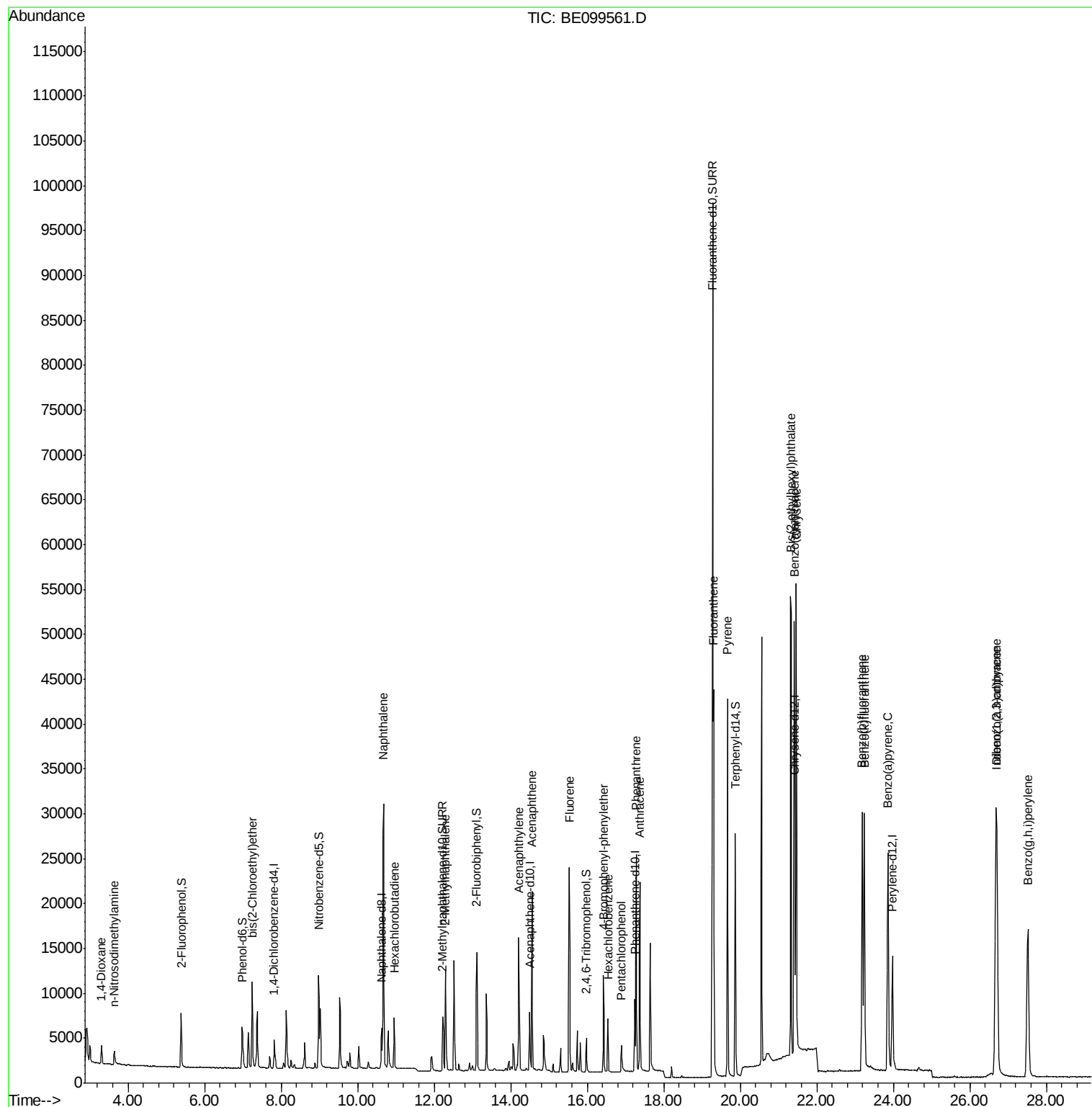
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1830	0.836	ng	96
3) n-Nitrosodimethylamine	3.64	42	1159	0.879	ng	# 87
6) bis(2-Chloroethyl)ether	7.24	93	3999	0.792	ng	97
9) Naphthalene	10.68	128	52300	0.837	ng	99
10) Hexachlorobutadiene	10.95	225	3858	0.887	ng	97
12) 2-Methylnaphthalene	12.30	142	8831	0.812	ng	93
16) Acenaphthylene	14.21	152	16801	0.818	ng	99
17) Acenaphthene	14.56	154	9523	0.812	ng	97
18) Fluorene	15.53	166	13729	0.794	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	5796	0.826	ng	94
21) Hexachlorobenzene	16.55	284	5759	0.861	ng	99
22) Pentachlorophenol	16.89	266	2288	0.758	ng	95
23) Phenanthrene	17.28	178	25142	0.808	ng	99
24) Anthracene	17.38	178	24228	0.817	ng	99
26) Fluoranthene	19.30	202	38552	0.827	ng	99
28) Pyrene	19.67	202	40436	0.864	ng	100
30) Benzo(a)anthracene	21.41	228	46229	0.809	ng	99
31) Chrysene	21.46	228	45419	0.812	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	71753	0.722	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	53818	0.814	ng	100
35) Benzo(b)fluoranthene	23.19	252	44392	0.807	ng	98
36) Benzo(k)fluoranthene	23.24	252	44091	0.832	ng	97
37) Benzo(a)pyrene	23.86	252	42755	0.823	ng	98
38) Dibenzo(a,h)anthracene	26.71	278	43759	0.823	ng	98
39) Benzo(g,h,i)perylene	27.52	276	44275	0.831	ng	100

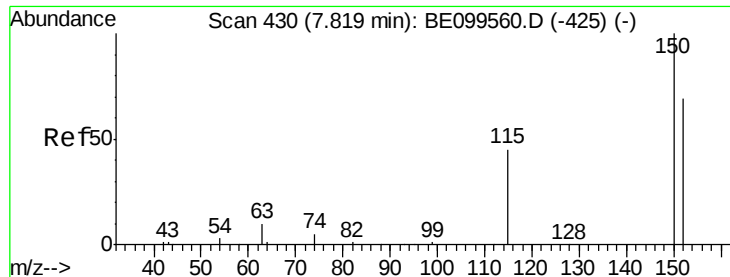
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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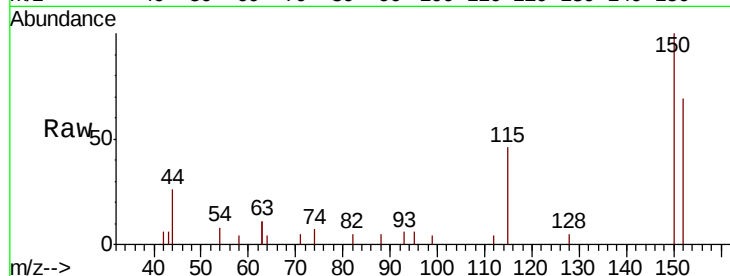


#1

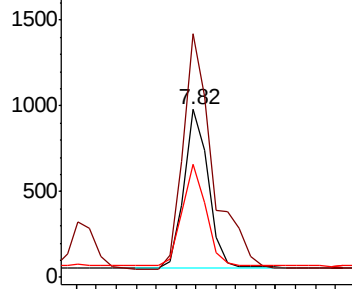
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099561.D
Acq: 7 May 2019 11:25

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

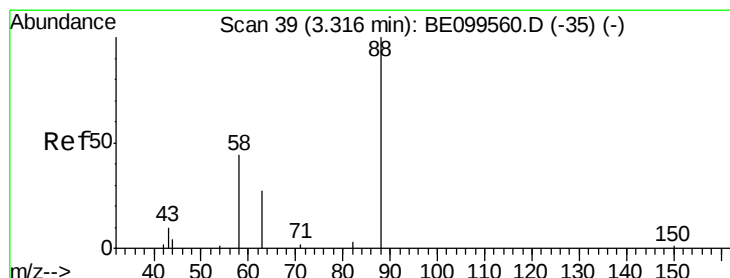
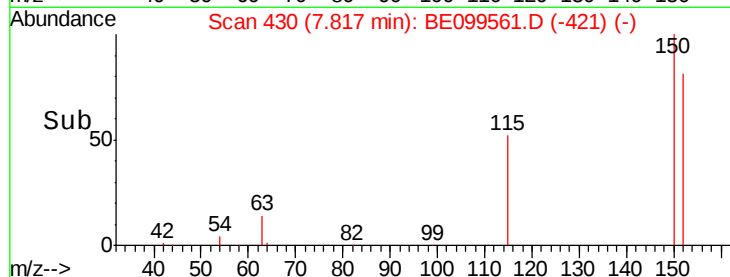
Tot Ion:152 Resp: 1591
Ion Ratio Lower Upper
152 100
150 145.1 113.8 170.6
115 67.0 54.2 81.2



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



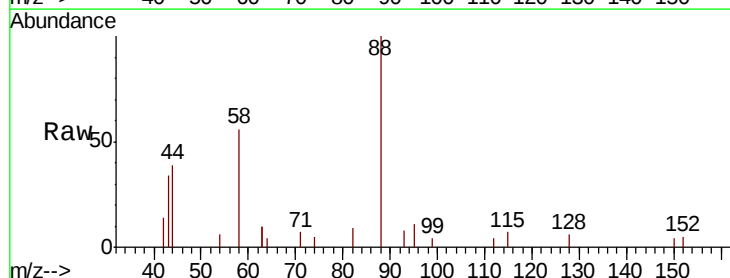
Time-->



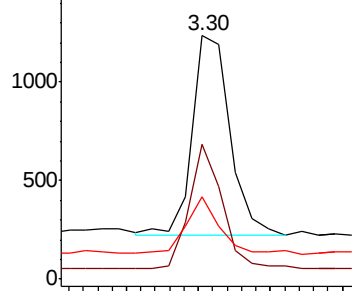
#2

1,4-Dioxane
Concen: 0.836 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099561.D
Acq: 7 May 2019 11:25

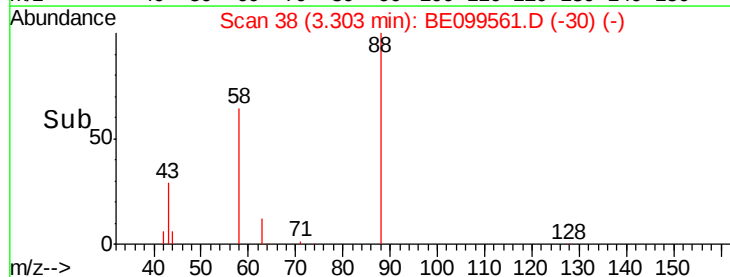
Tgt Ion: 88 Resp: 1830
Ion Ratio Lower Upper
88 100
58 54.4 46.6 69.8
43 25.5 20.3 30.5

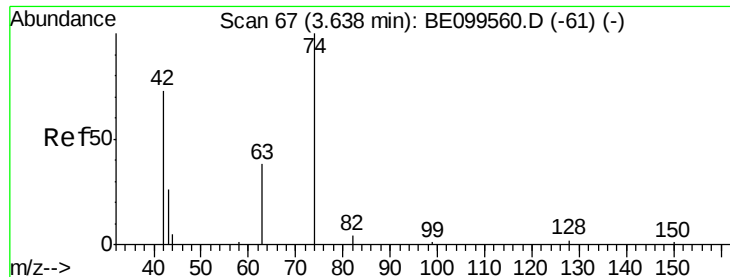


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.879 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

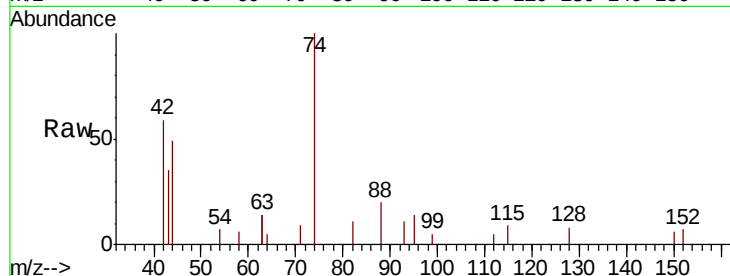
Tot Ion: 42 Resp: 1159

Ion Ratio Lower Upper

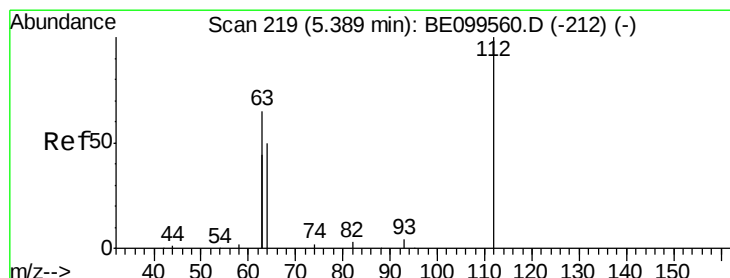
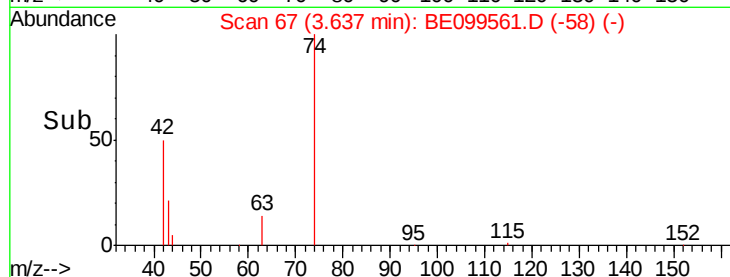
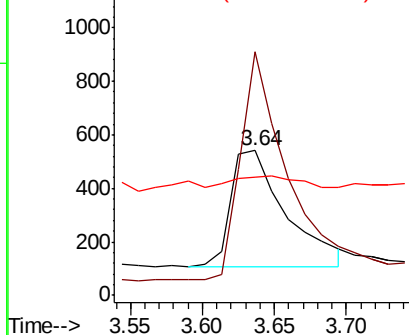
42 100

74 168.5 121.3 181.9

44 13.5 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: 0.866 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

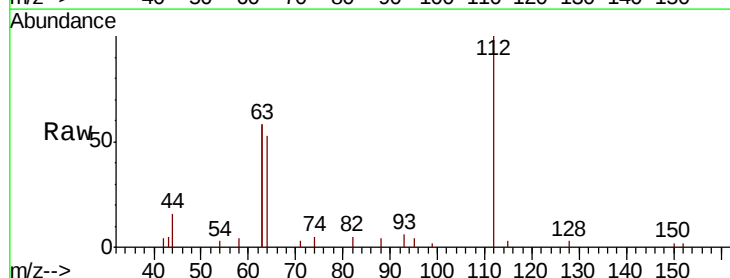
Tgt Ion: 112 Resp: 3811

Ion Ratio Lower Upper

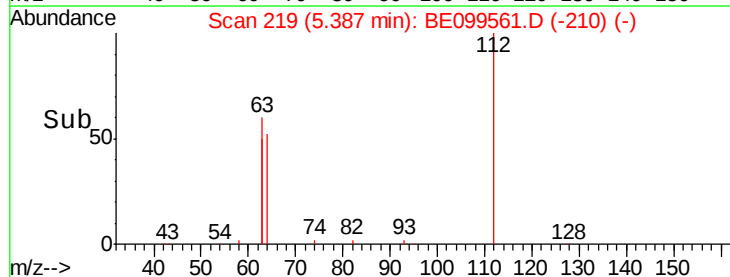
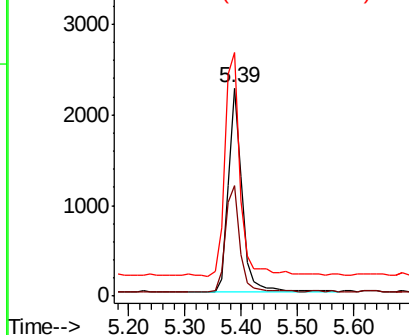
112 100

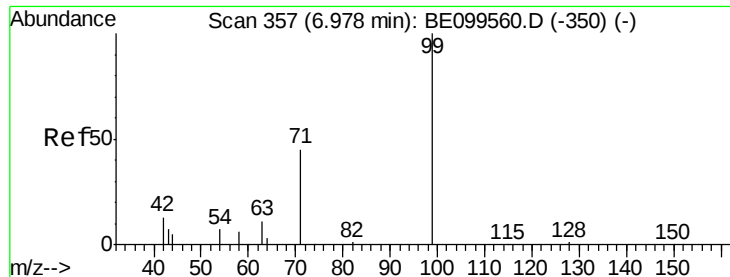
64 54.9 46.3 69.5

63 121.0 99.6 149.4



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: 0.836 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

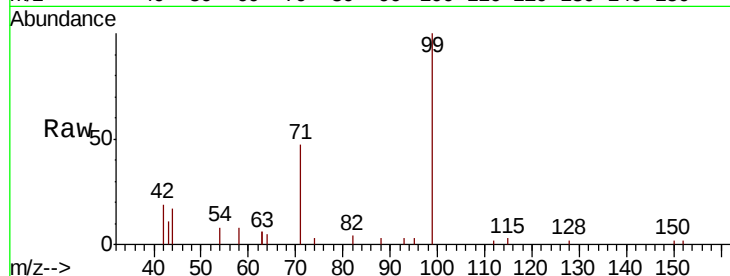
Tot Ion: 99 Resp: 4892

Ion Ratio Lower Upper

99 100

42 15.6 13.4 20.0

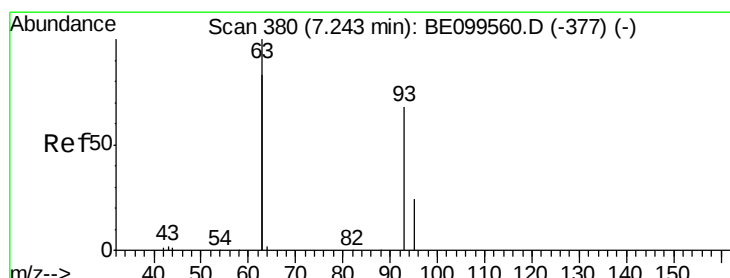
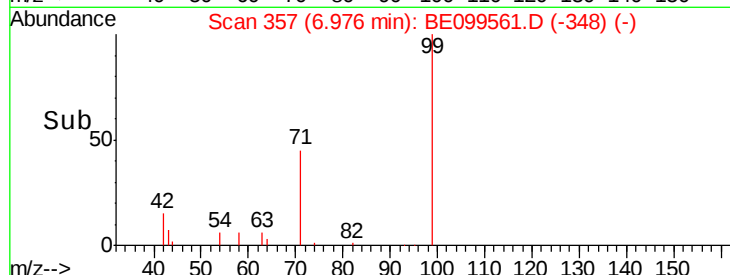
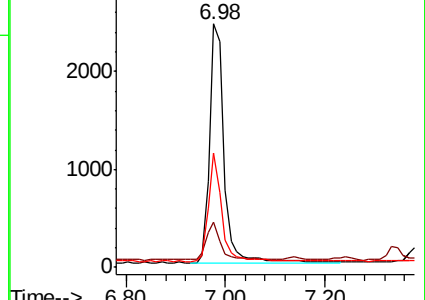
71 40.8 34.2 51.2



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: 0.792 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

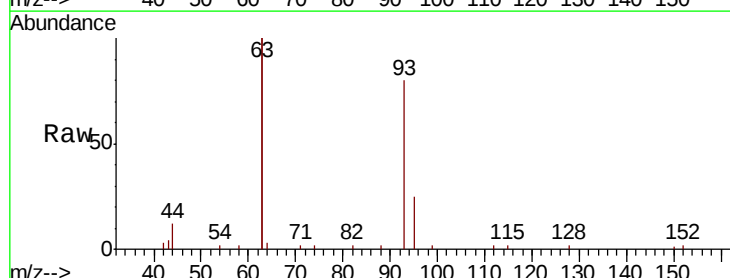
Tgt Ion: 93 Resp: 3999

Ion Ratio Lower Upper

93 100

63 267.3 209.0 313.4

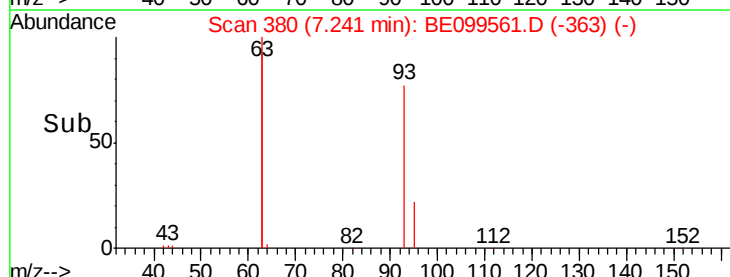
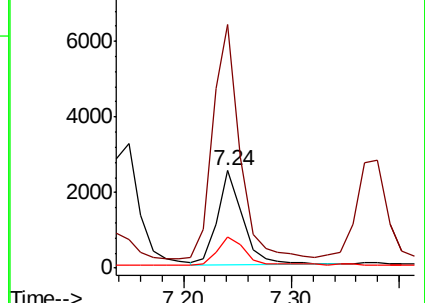
95 34.1 26.9 40.3

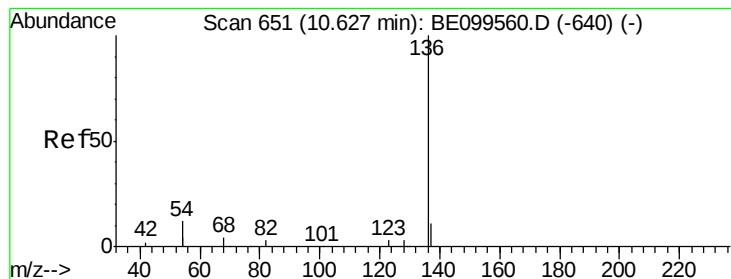


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5736

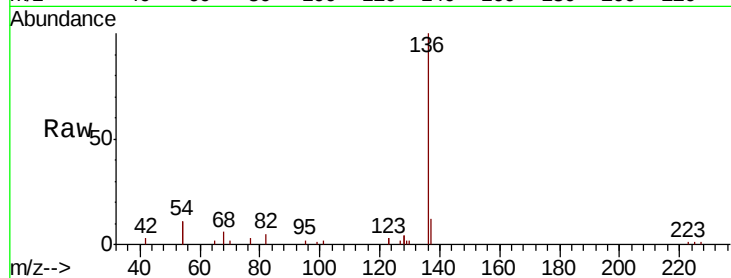
Ion Ratio Lower Upper

136 100

137 11.7 10.0 15.0

54 22.7 18.6 28.0

68 5.8 4.6 6.8

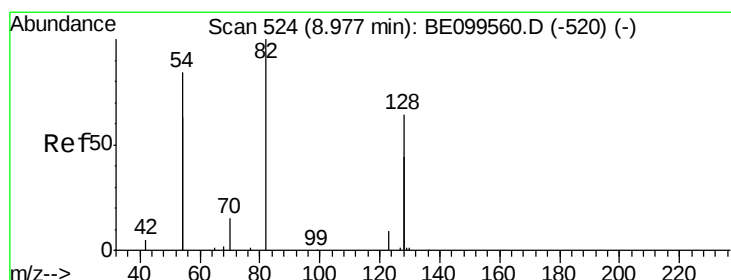
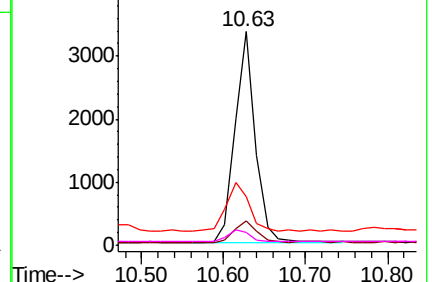
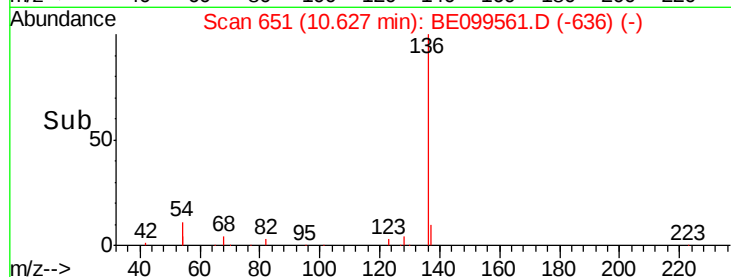


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.888 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

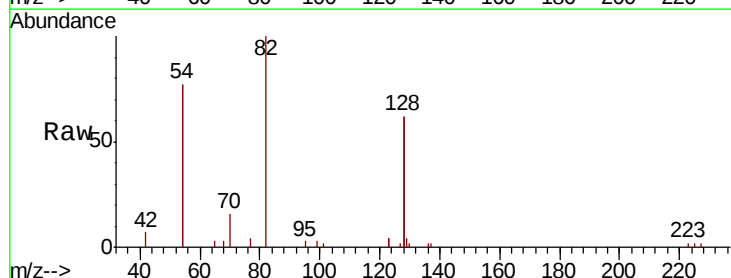
Tgt Ion: 82 Resp: 4773

Ion Ratio Lower Upper

82 100

128 124.7 97.6 146.4

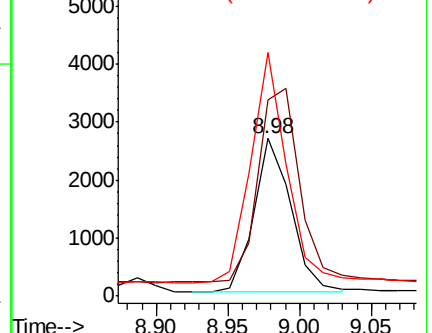
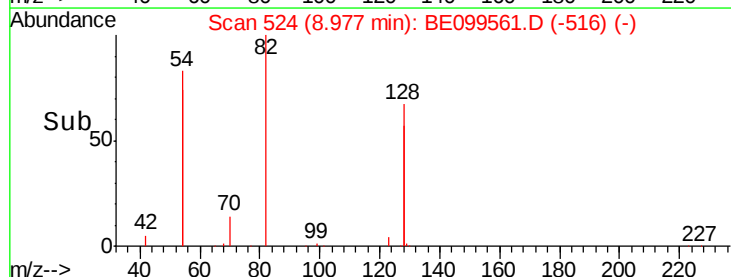
54 154.3 127.4 191.2

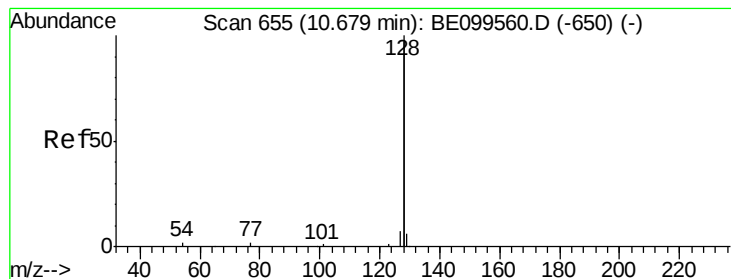


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.837 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

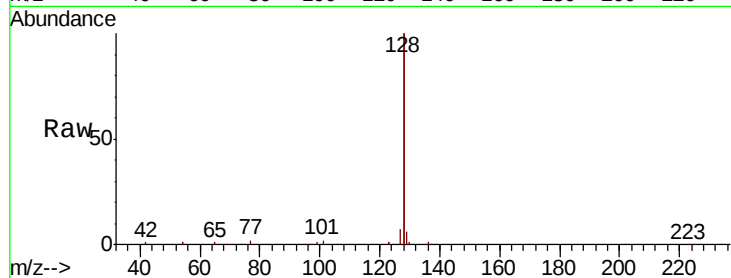
Tot Ion:128 Resp: 52300

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

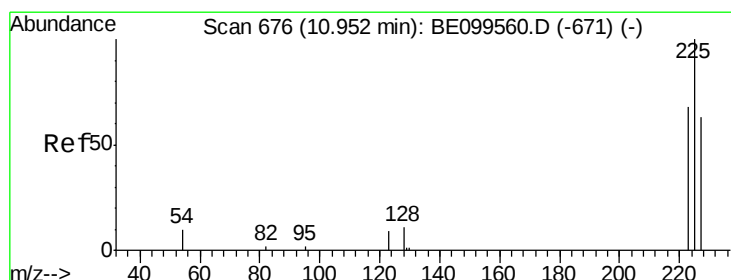
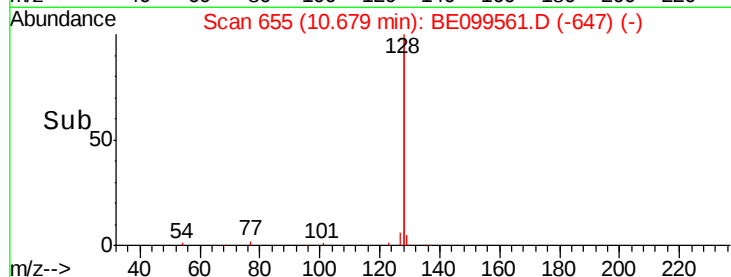
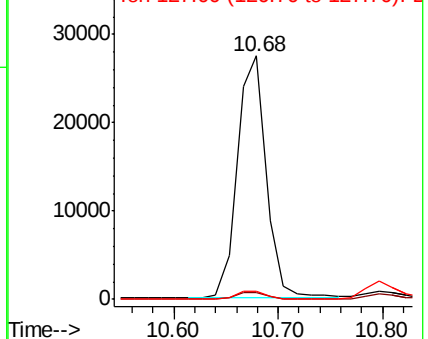
127 3.3 3.0 4.4



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: 0.887 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

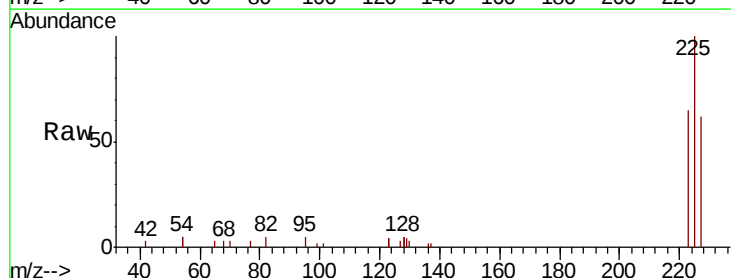
Tgt Ion:225 Resp: 3858

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

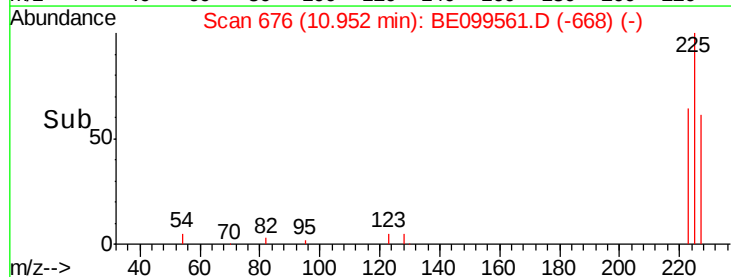
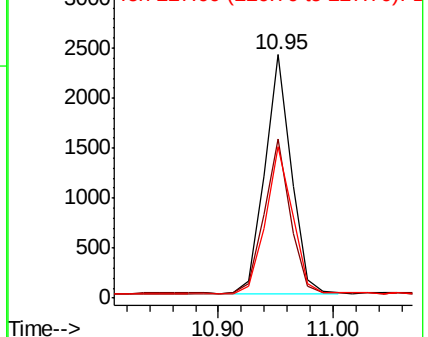
227 62.2 51.4 77.0

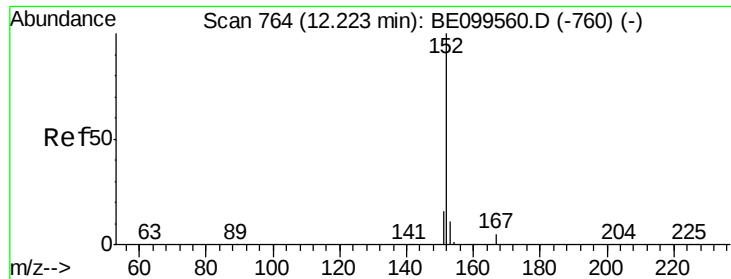


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

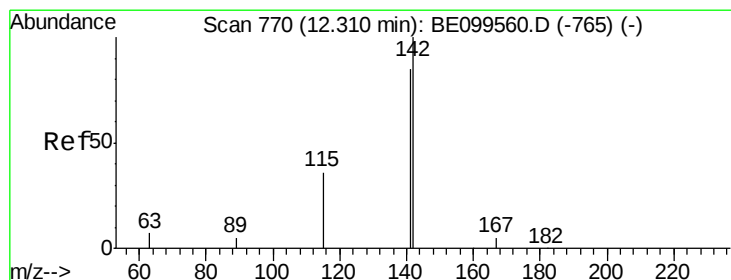
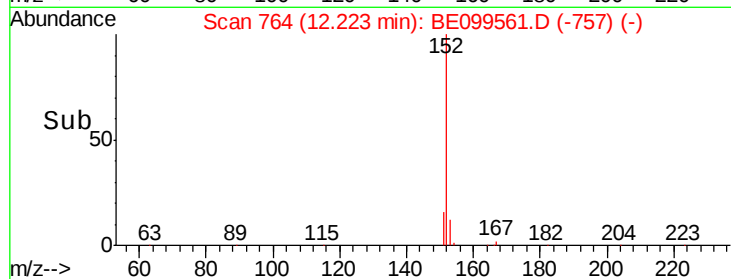
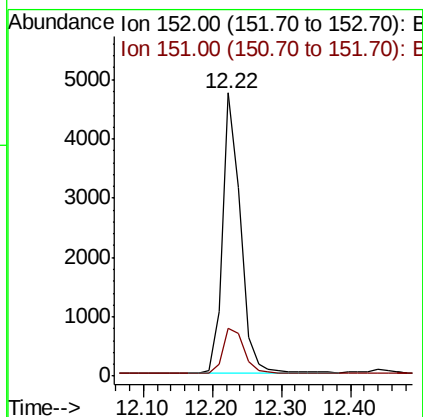
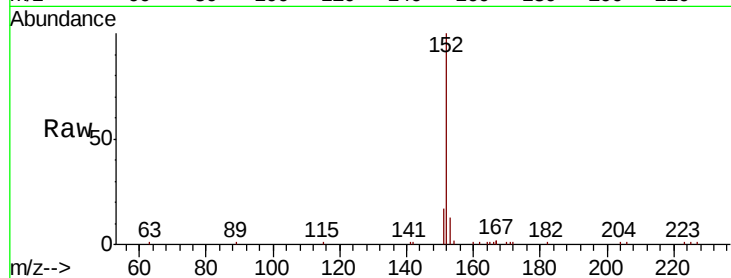




#11
 2-Methylnaphthalene-d10
 Concen: 0.829 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099561.D
 Acq: 7 May 2019 11:25

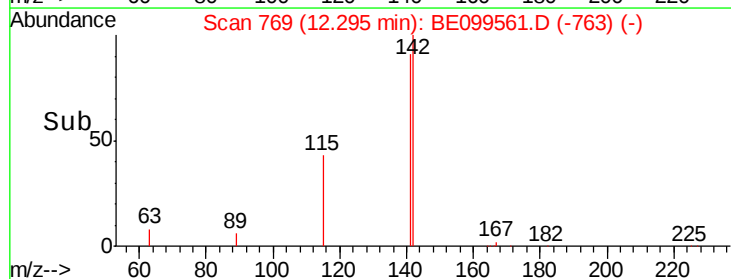
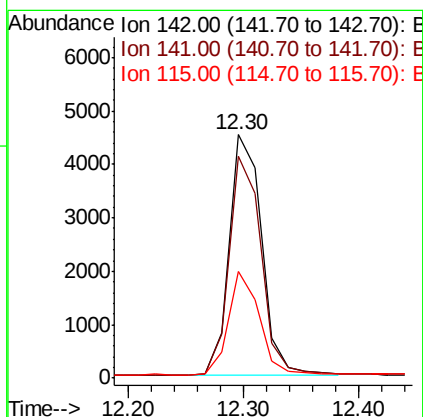
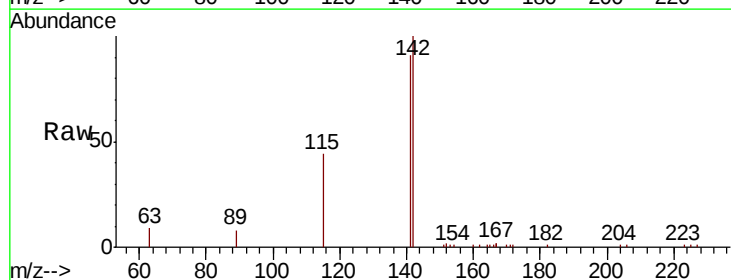
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

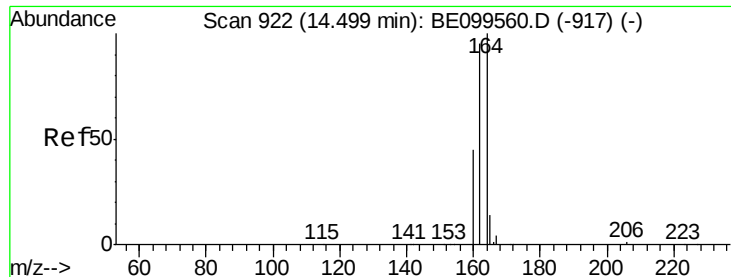
Tot Ion:152 Resp: 8568
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.812 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BE099561.D
 Acq: 7 May 2019 11:25

Tgt Ion:142 Resp: 8831
 Ion Ratio Lower Upper
 142 100
 141 91.3 68.1 102.1
 115 43.9 30.8 46.2

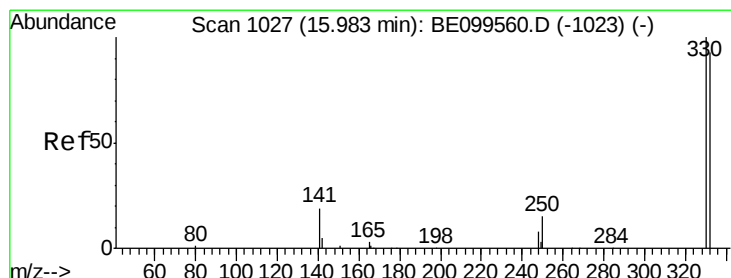
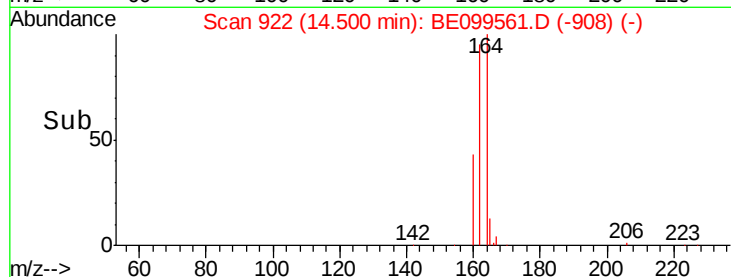
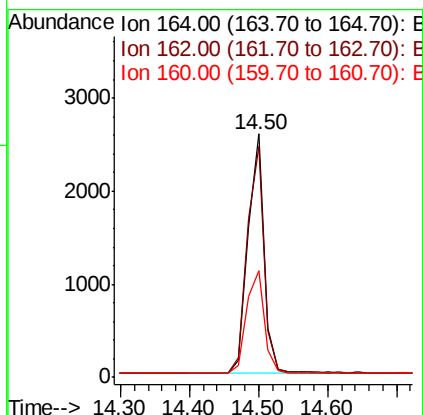
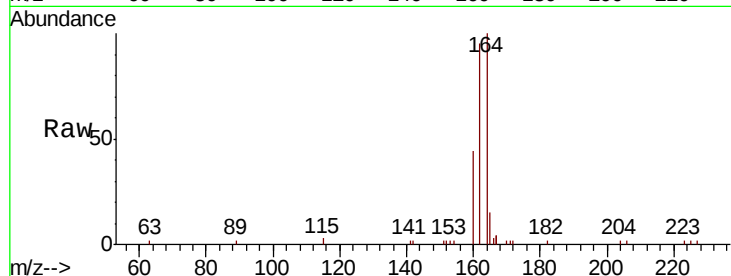




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099561.D
 Acq: 7 May 2019 11:25

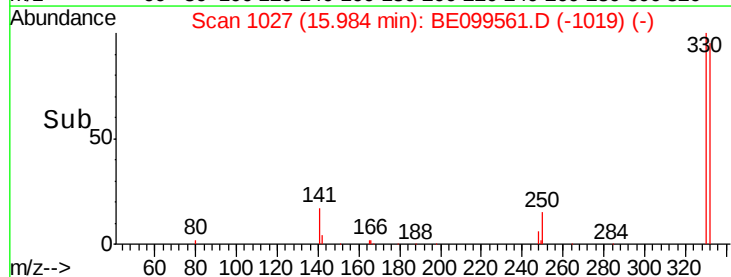
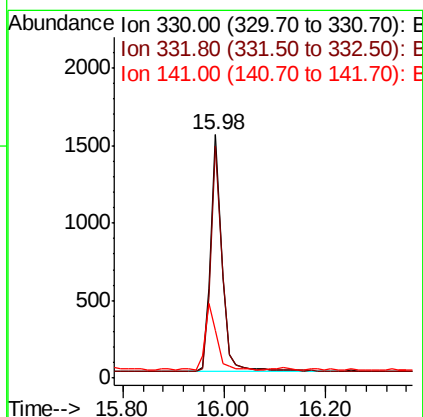
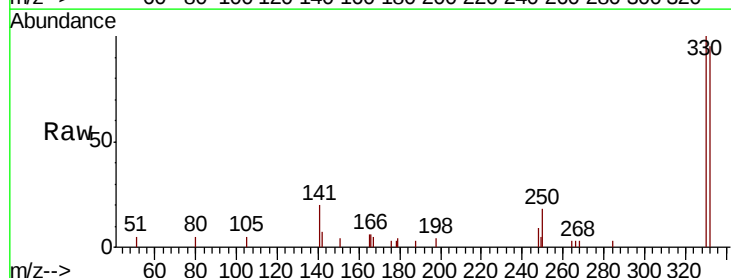
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

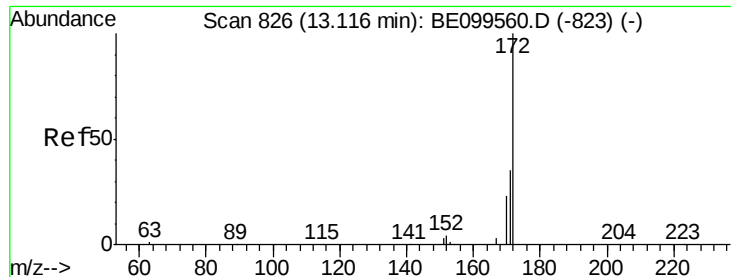
Tot Ion:164 Resp: 4196
 Ion Ratio Lower Upper
 164 100
 162 95.1 76.4 114.6
 160 43.7 36.6 55.0



#14
 2,4,6-Tribromophenol
 Concen: 0.895 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099561.D
 Acq: 7 May 2019 11:25

Tgt Ion:330 Resp: 2365
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.7 116.5
 141 28.8 26.1 39.1

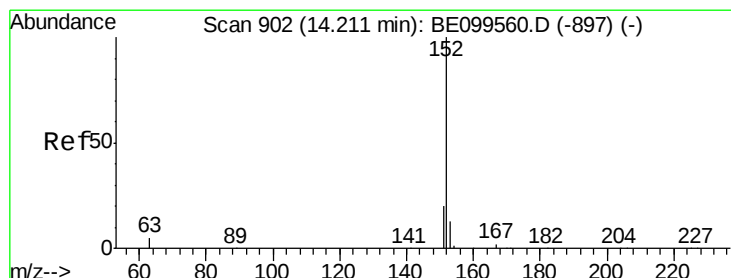
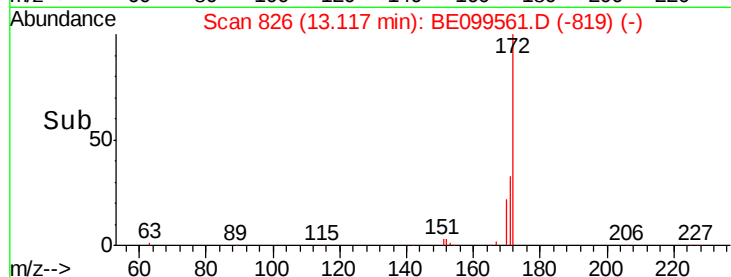
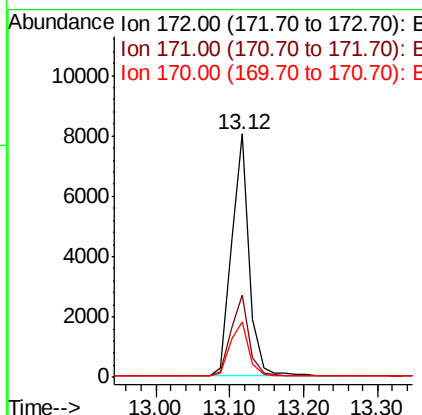
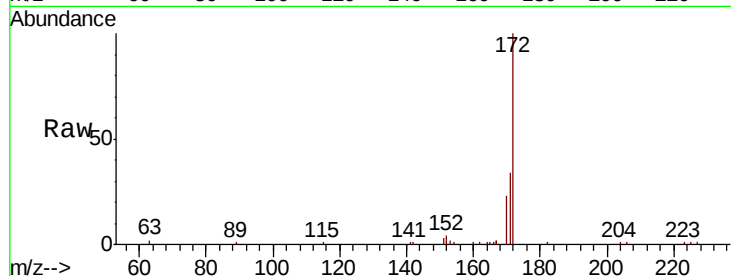




#15
2-Fluorobiphenyl
Concen: 0.826 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099561.D
Acq: 7 May 2019 11:25

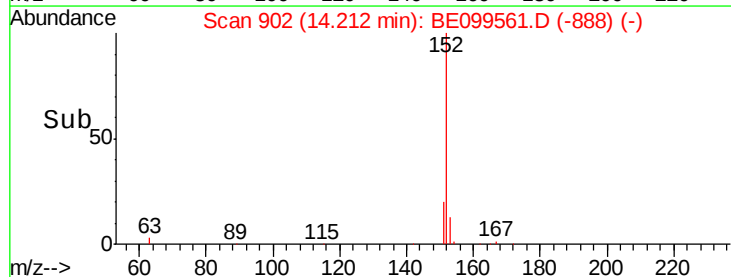
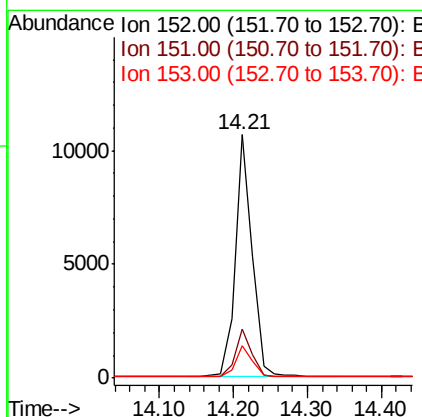
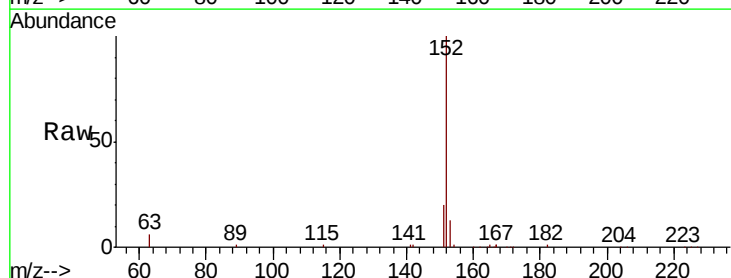
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

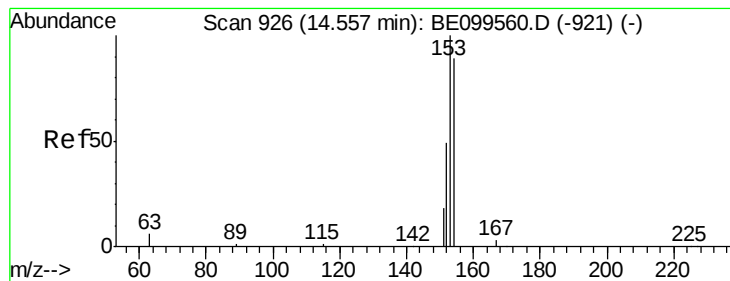
Tot Ion:172 Resp: 13227
Ion Ratio Lower Upper
172 100
171 33.8 28.4 42.6
170 23.0 18.8 28.2



#16
Acenaphthylene
Concen: 0.818 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099561.D
Acq: 7 May 2019 11:25

Tgt Ion:152 Resp: 16801
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.812 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

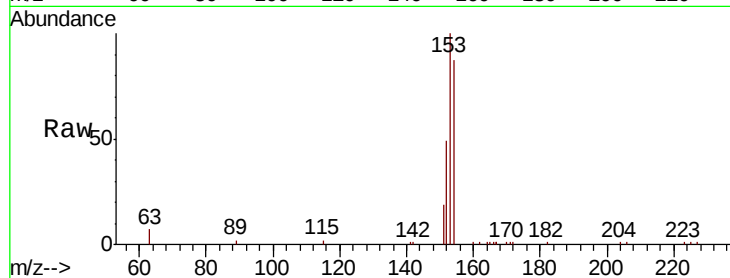
Tot Ion:154 Resp: 9523

Ion Ratio Lower Upper

154 100

153 115.5 89.7 134.5

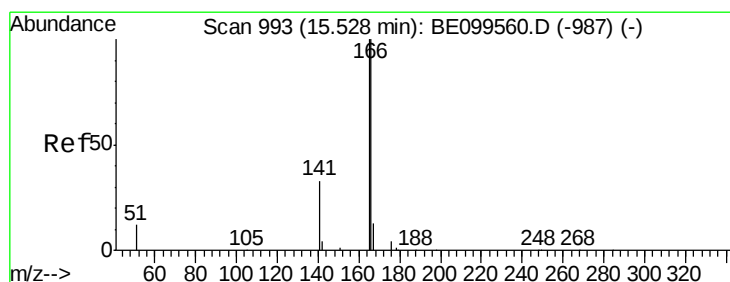
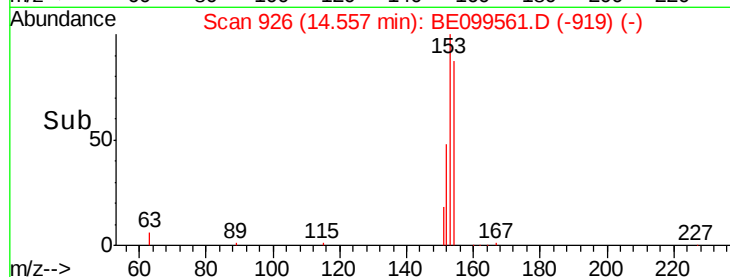
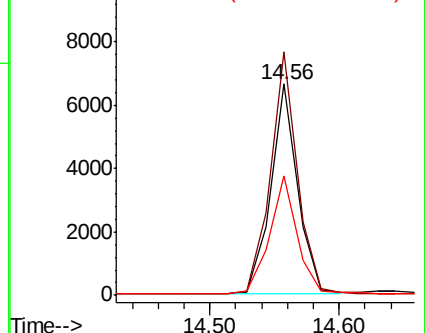
152 56.5 43.9 65.9



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: 0.794 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

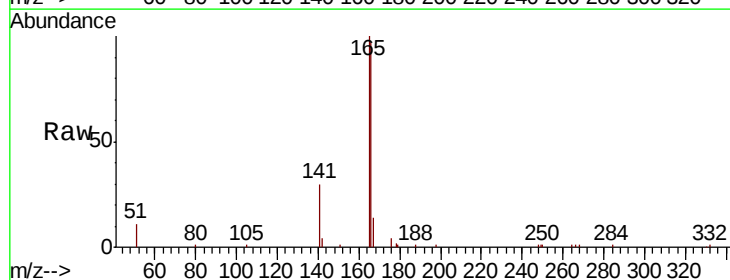
Tgt Ion:166 Resp: 13729

Ion Ratio Lower Upper

166 100

165 100.5 79.0 118.6

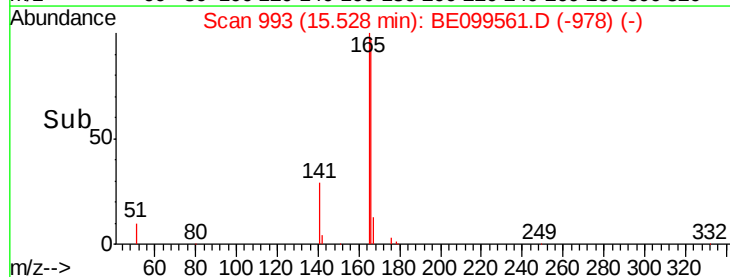
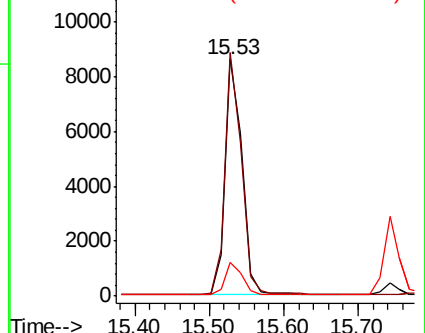
167 13.6 11.5 17.3

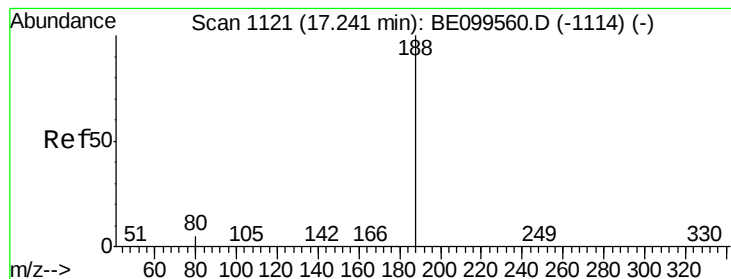


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

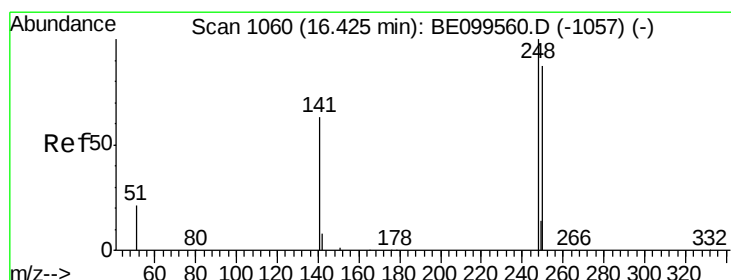
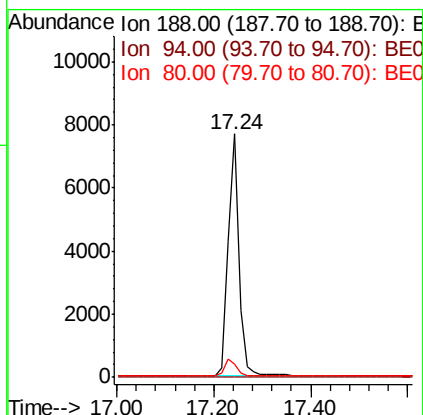
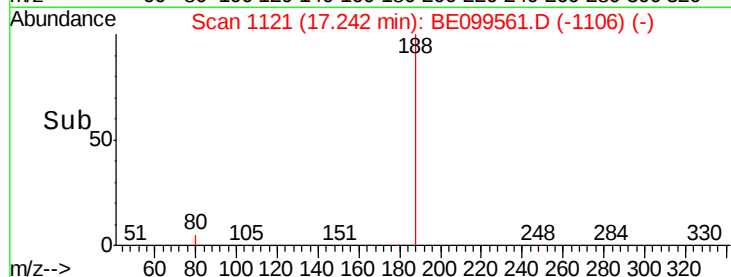
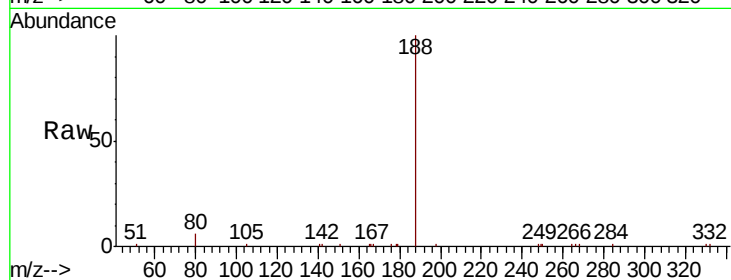
Tot Ion:188 Resp: 12060

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.6 4.6 7.0



#20

4-Bromophenyl-phenylether

Concen: 0.826 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

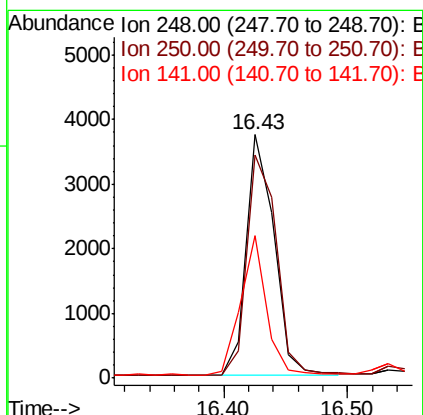
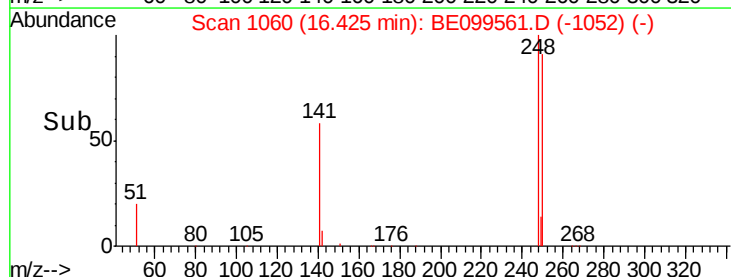
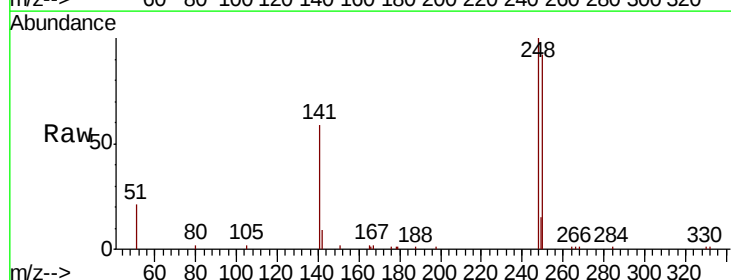
Tgt Ion:248 Resp: 5796

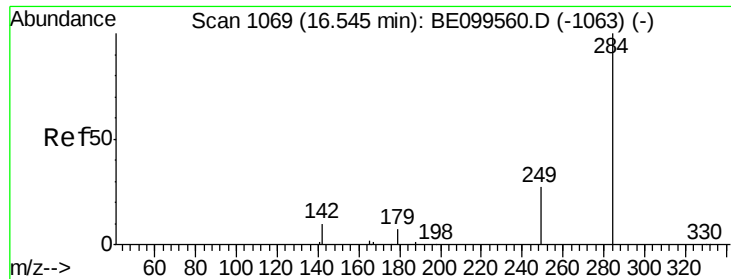
Ion Ratio Lower Upper

248 100

250 91.5 70.0 105.0

141 58.5 51.8 77.8





#21

Hexachlorobenzene

Concen: 0.861 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

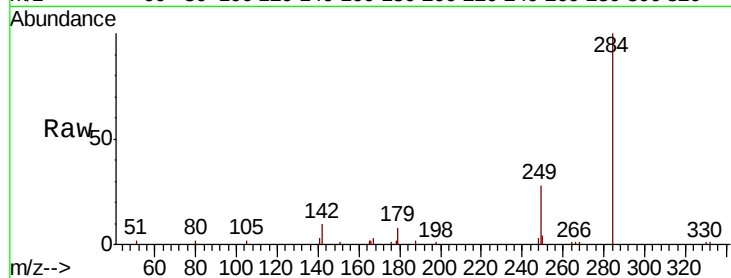
Tot Ion:284 Resp: 5759

Ion Ratio Lower Upper

284 100

142 25.3 19.5 29.3

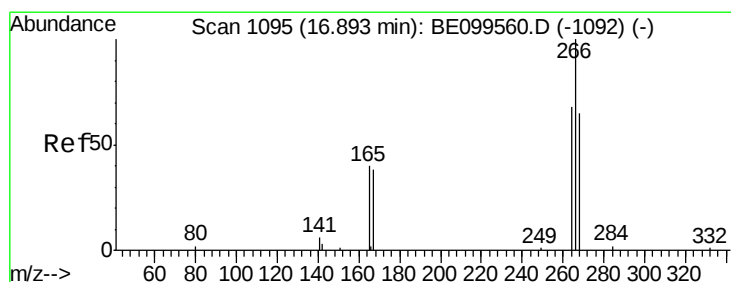
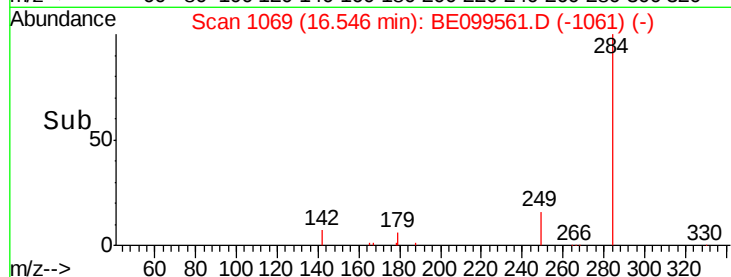
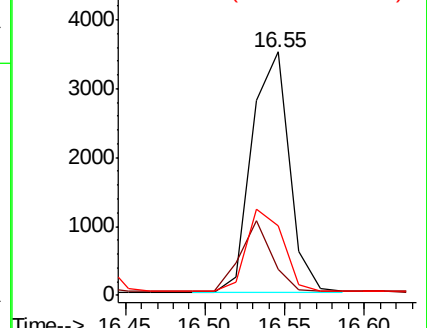
249 33.2 26.2 39.2



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: 0.758 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

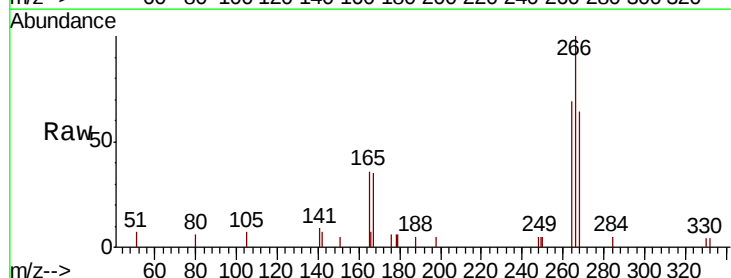
Tgt Ion:266 Resp: 2288

Ion Ratio Lower Upper

266 100

264 68.5 56.6 84.8

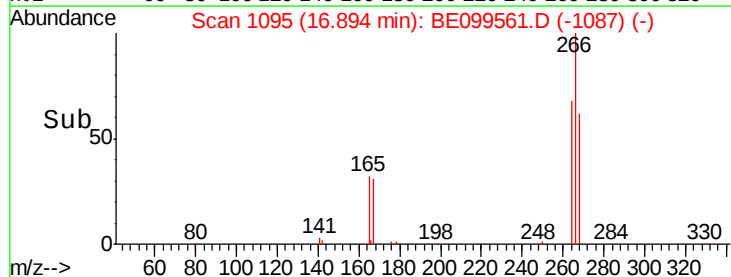
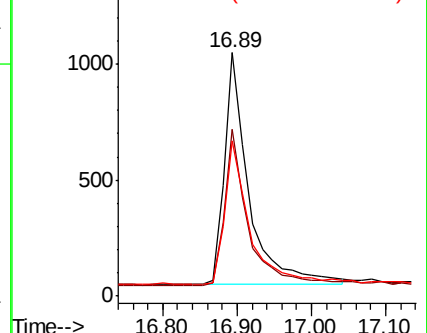
268 63.8 55.8 83.8

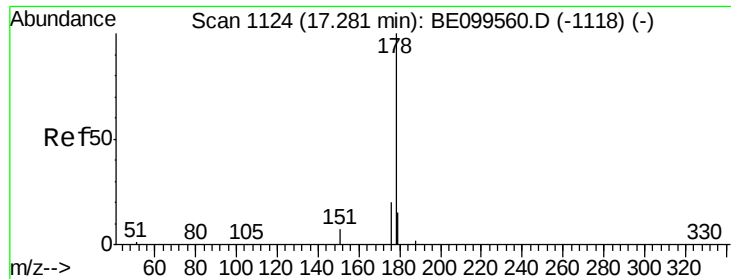


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.808 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

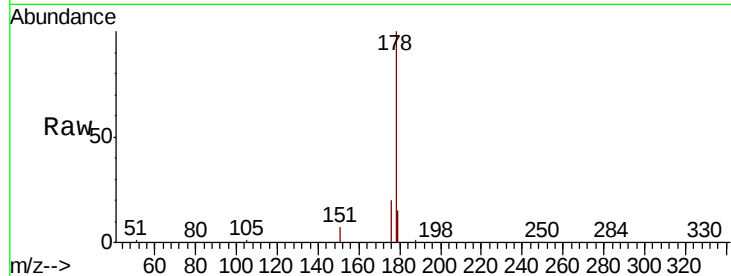
Tot Ion:178 Resp: 25142

Ion Ratio Lower Upper

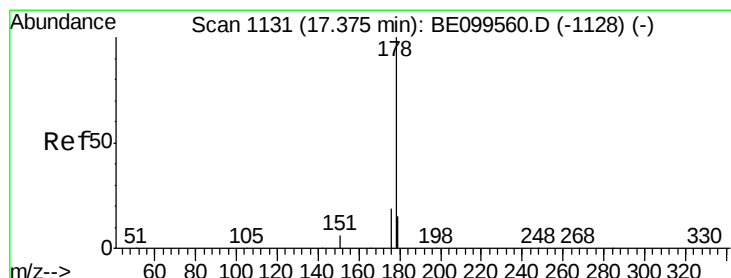
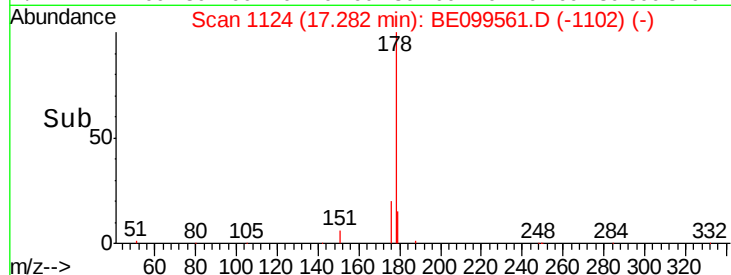
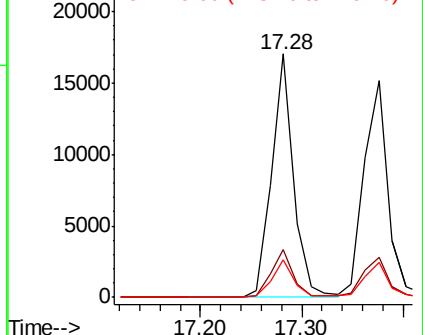
178 100

176 19.5 15.8 23.6

179 15.0 12.5 18.7



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: 0.817 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

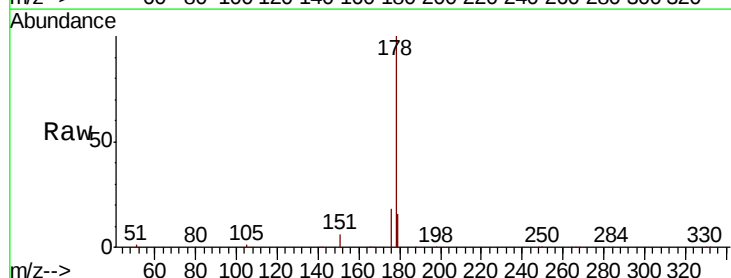
Tgt Ion:178 Resp: 24228

Ion Ratio Lower Upper

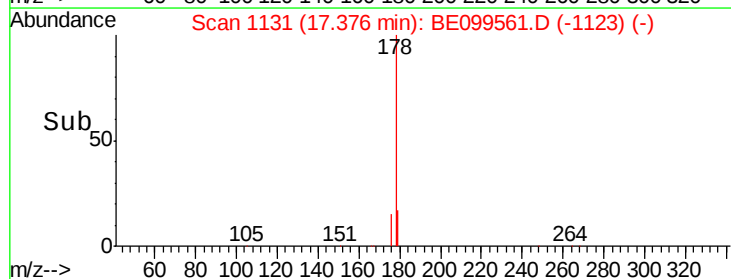
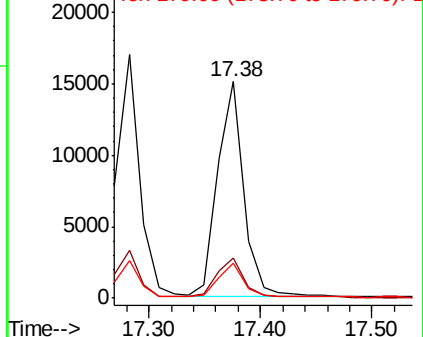
178 100

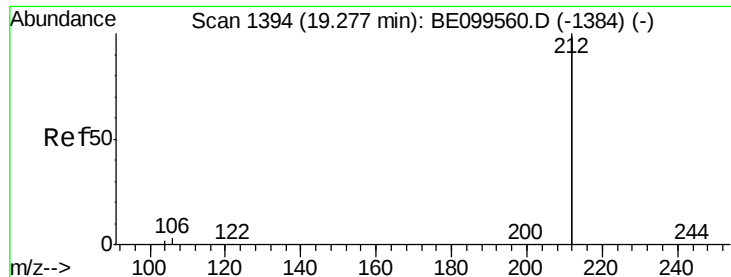
176 18.5 15.3 22.9

179 15.2 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: 0.843 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

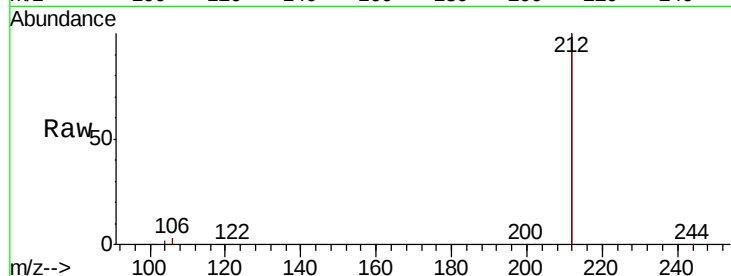
Tot Ion:212 Resp: 136970

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

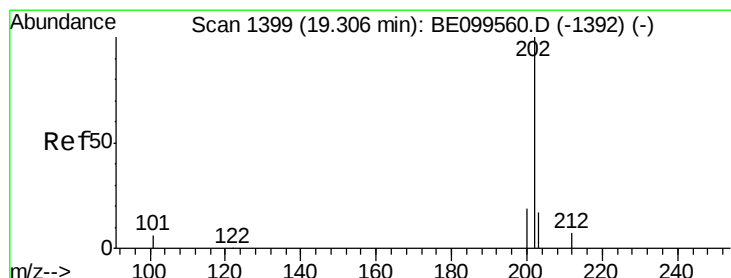
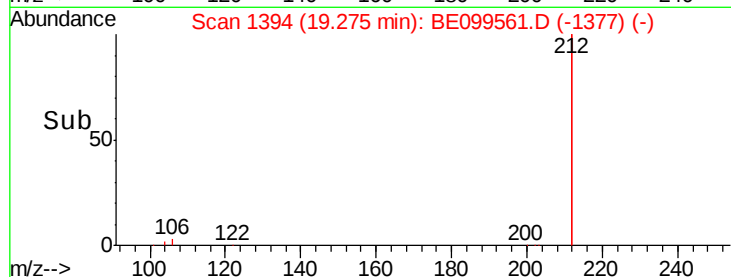
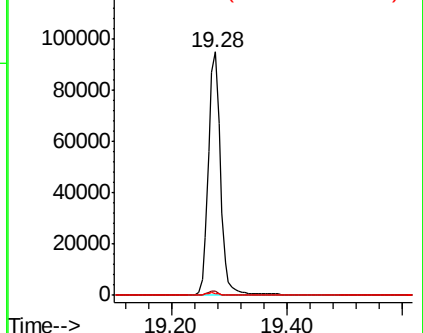
104 1.0 0.8 1.2



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: 0.827 ng

RT: 19.30 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

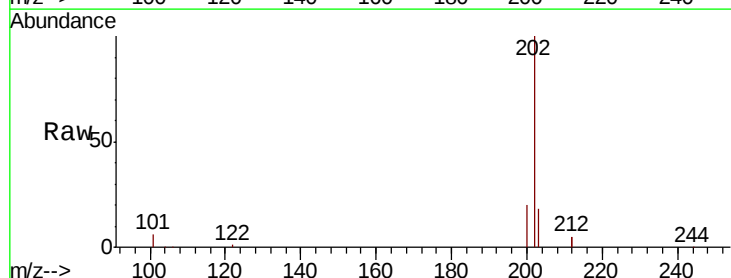
Tgt Ion:202 Resp: 38552

Ion Ratio Lower Upper

202 100

101 6.6 5.3 7.9

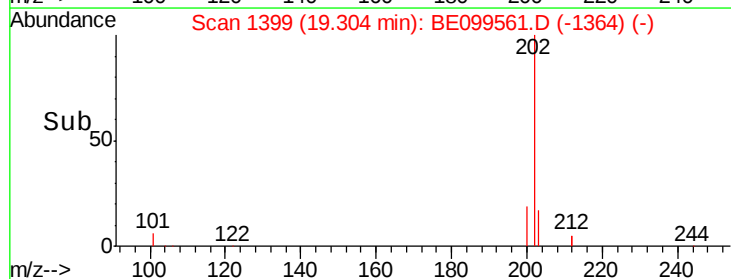
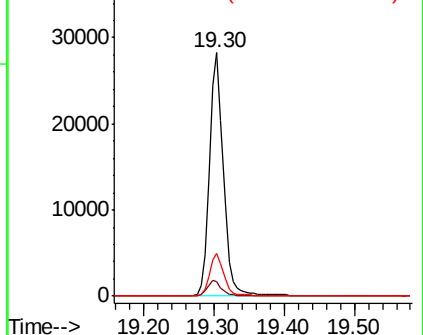
203 17.3 13.4 20.2

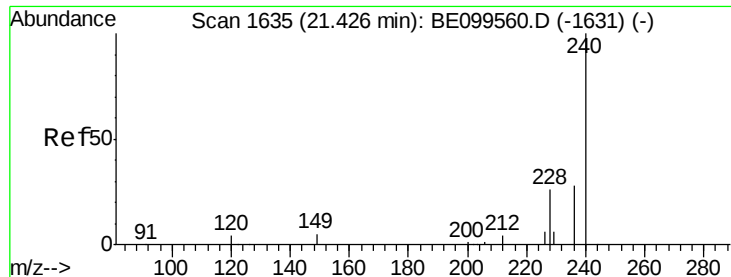


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

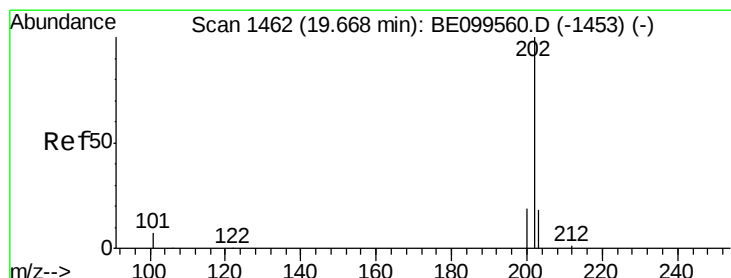
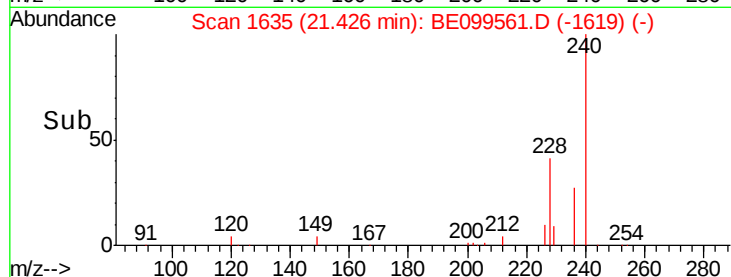
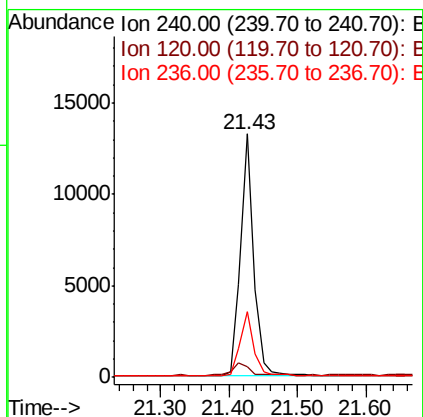
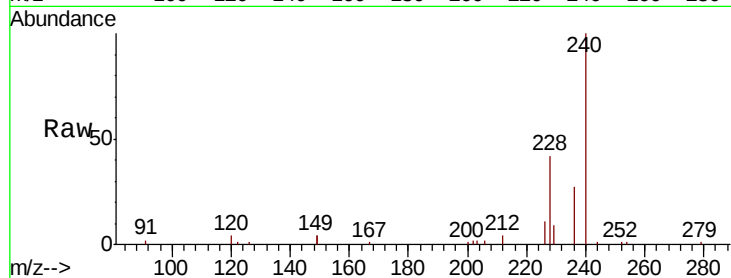




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BE099561.D
 Acq: 7 May 2019 11:25

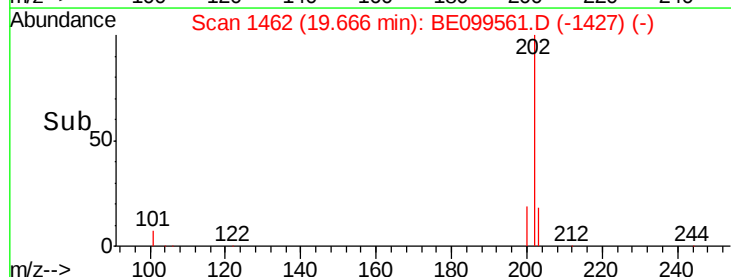
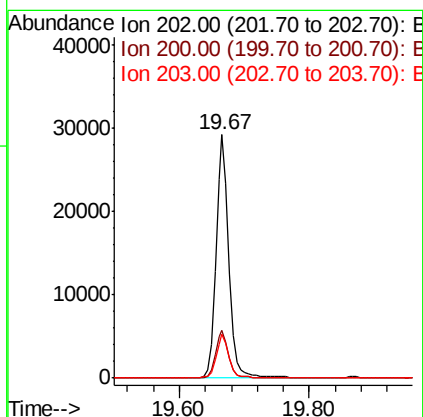
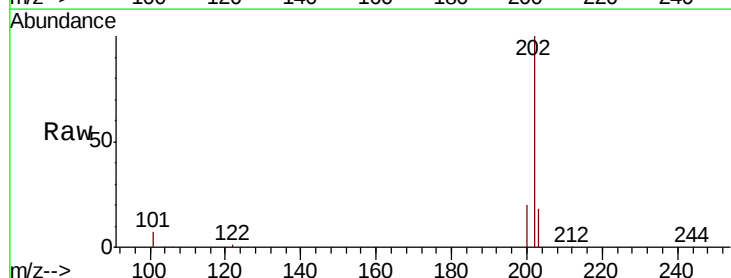
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

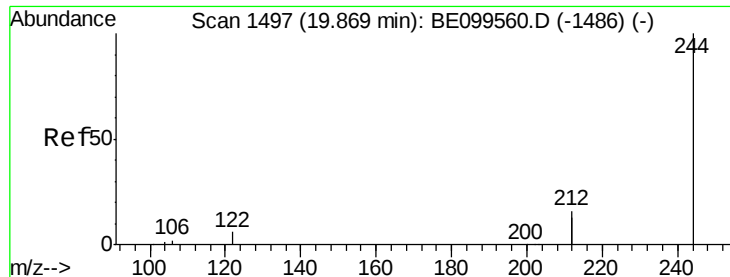
Tot Ion:240 Resp: 17946
 Ion Ratio Lower Upper
 240 100
 120 4.4 3.8 5.6
 236 27.1 22.5 33.7



#28
 Pyrene
 Concen: 0.864 ng
 RT: 19.67 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BE099561.D
 Acq: 7 May 2019 11:25

Tgt Ion:202 Resp: 40436
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.8 23.6
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.851 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

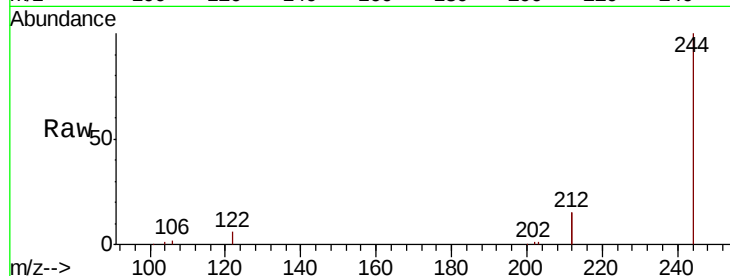
Tot Ion:244 Resp: 27960

Ion Ratio Lower Upper

244 100

212 29.8 24.6 37.0

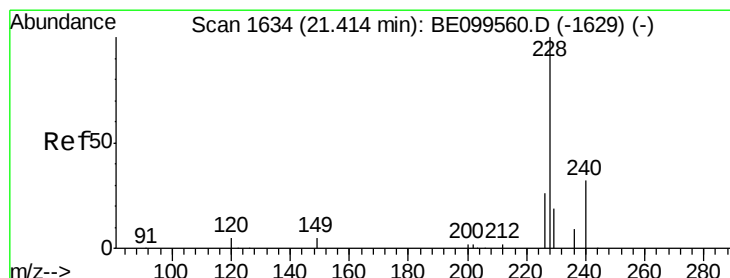
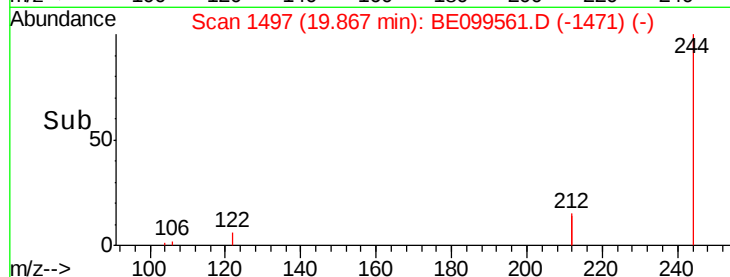
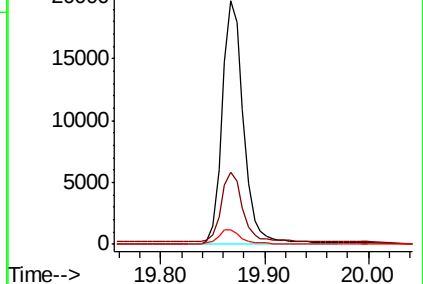
122 6.1 5.0 7.6



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: 0.809 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

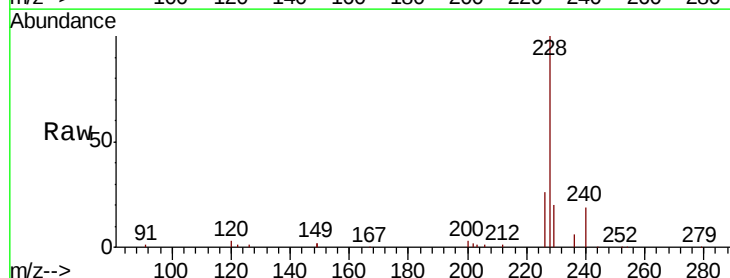
Tgt Ion:228 Resp: 46229

Ion Ratio Lower Upper

228 100

226 25.8 20.9 31.3

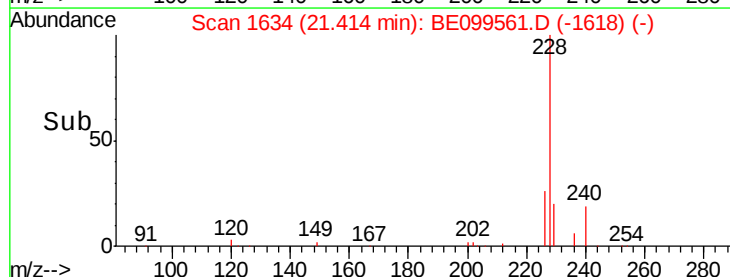
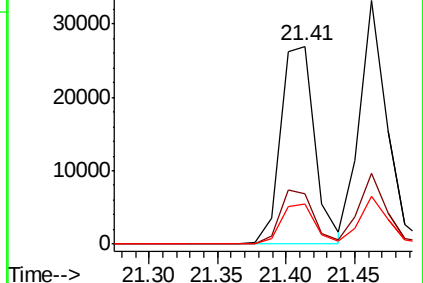
229 20.3 16.1 24.1

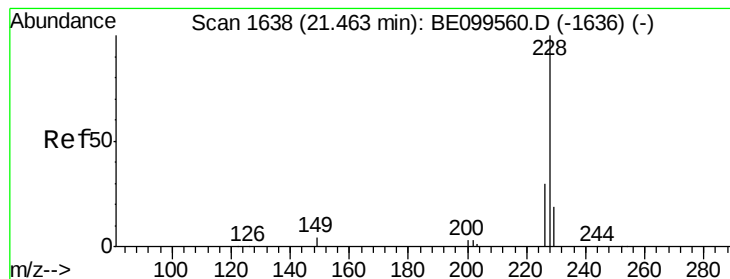


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.812 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

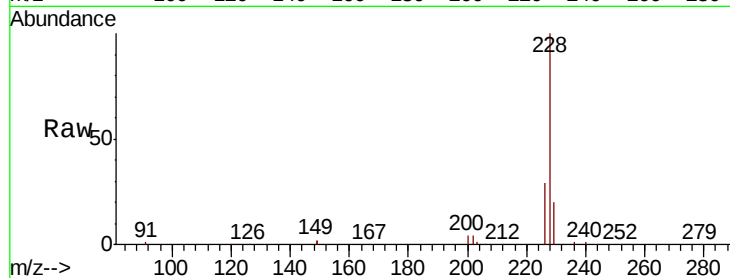
Tot Ion:228 Resp: 45419

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.4

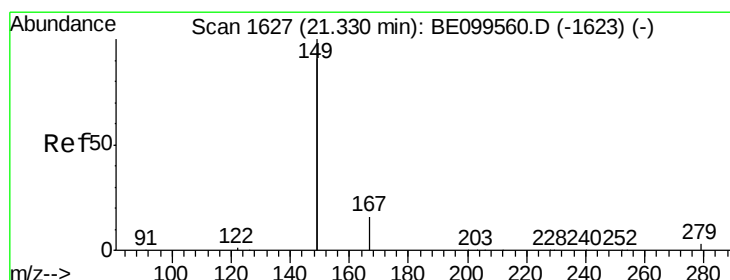
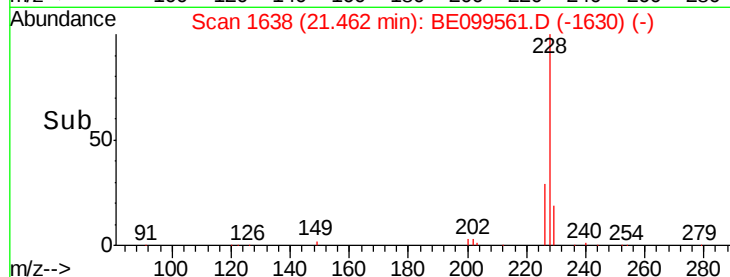
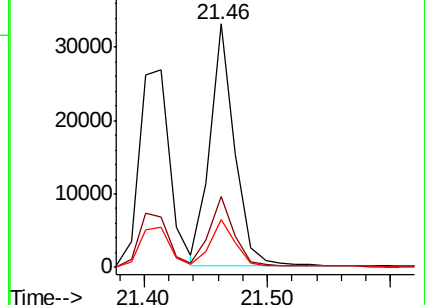
229 19.8 15.8 23.6



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: 0.722 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

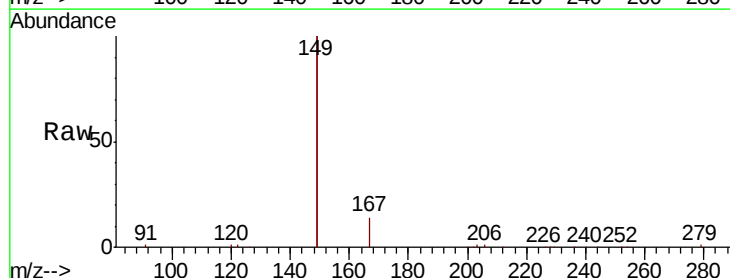
Tgt Ion:149 Resp: 71753

Ion Ratio Lower Upper

149 100

167 7.5 6.1 9.1

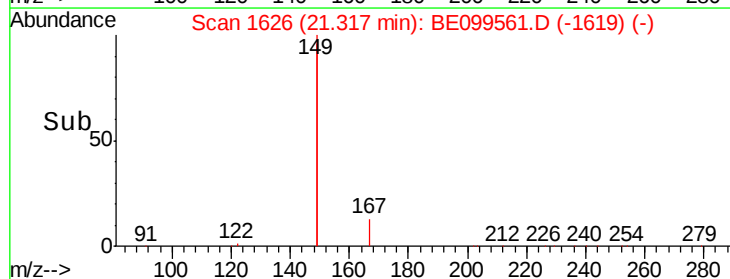
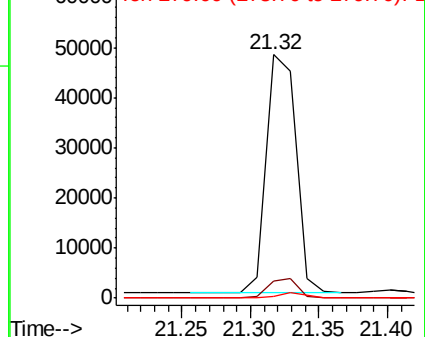
279 1.5 1.3 1.9

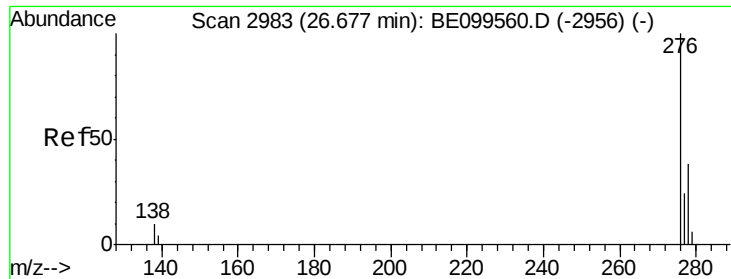


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.814 ng

RT: 26.68 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

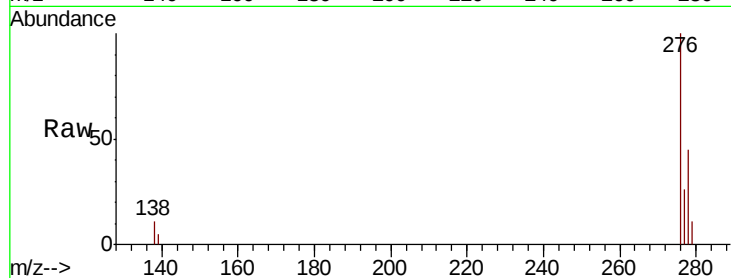
Tot Ion:276 Resp: 53818

Ion Ratio Lower Upper

276 100

138 11.8 9.5 14.3

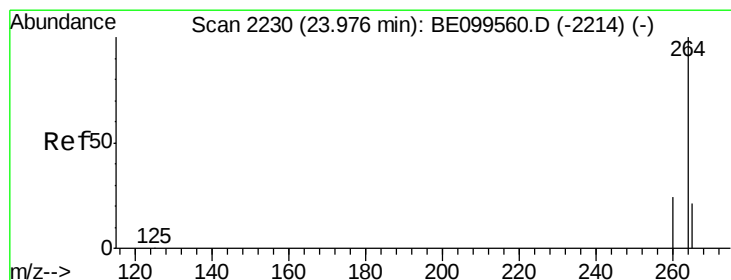
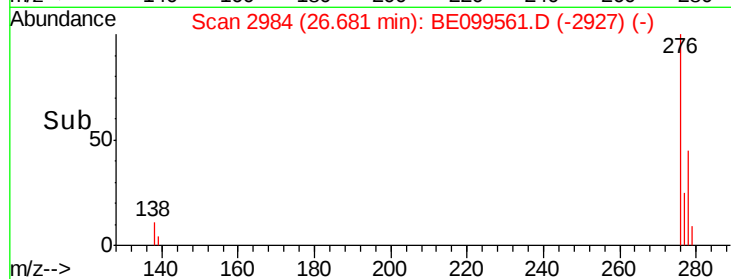
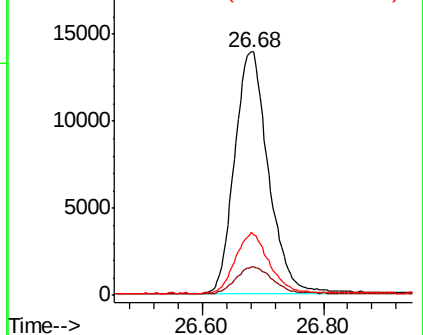
277 24.8 19.7 29.5



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: 23.98 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

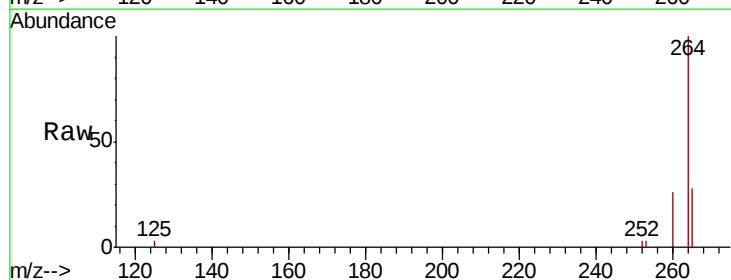
Tgt Ion:264 Resp: 19068

Ion Ratio Lower Upper

264 100

260 25.8 19.9 29.9

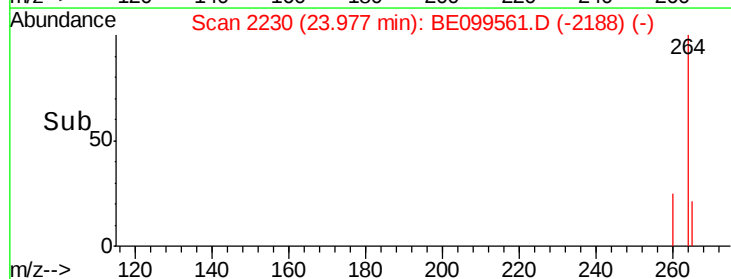
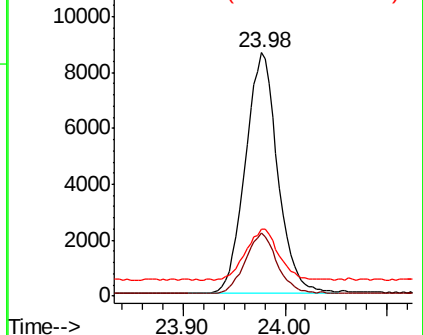
265 27.6 22.2 33.2

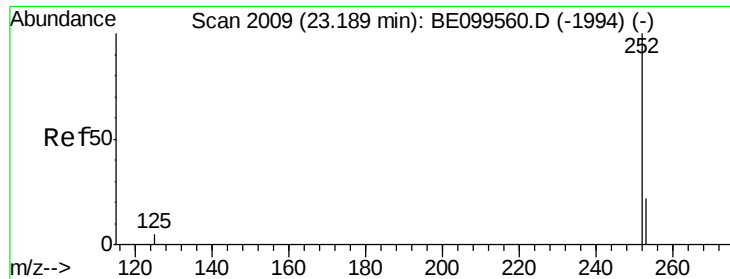


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.807 ng

RT: 23.19 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

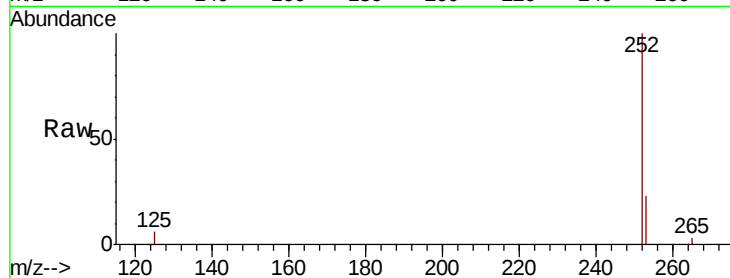
Tot Ion:252 Resp: 44392

Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.4

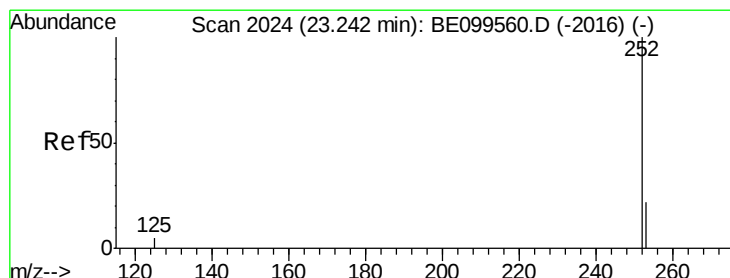
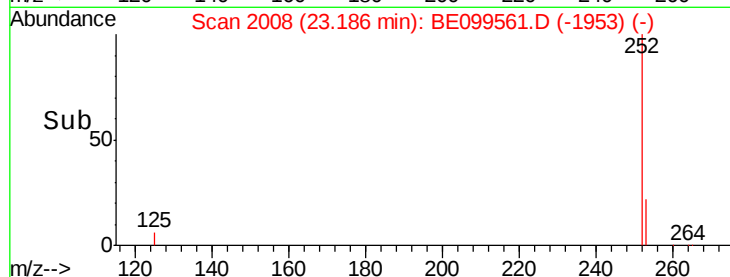
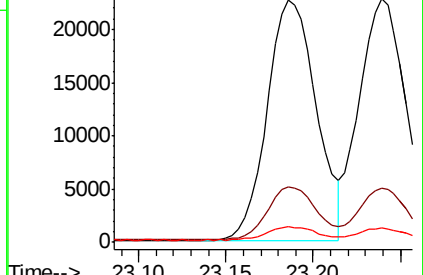
125 6.4 5.8 8.6



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: 0.832 ng

RT: 23.24 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

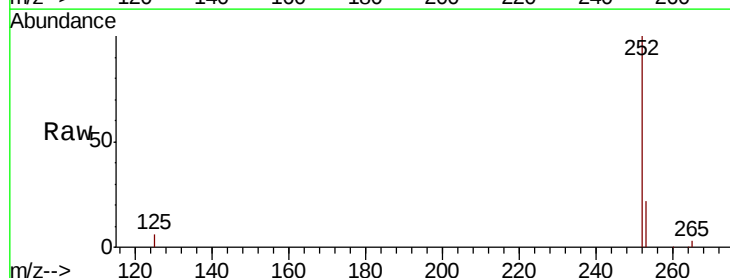
Tgt Ion:252 Resp: 44091

Ion Ratio Lower Upper

252 100

253 22.2 19.1 28.7

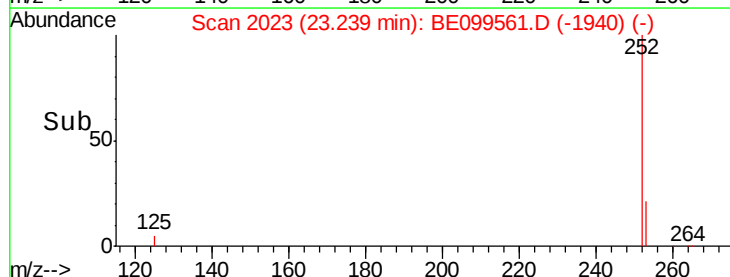
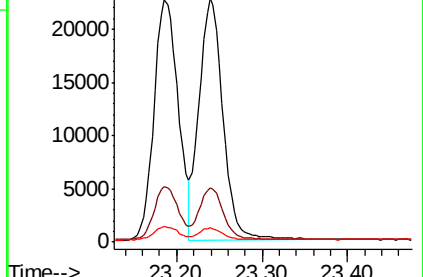
125 6.0 5.8 8.6

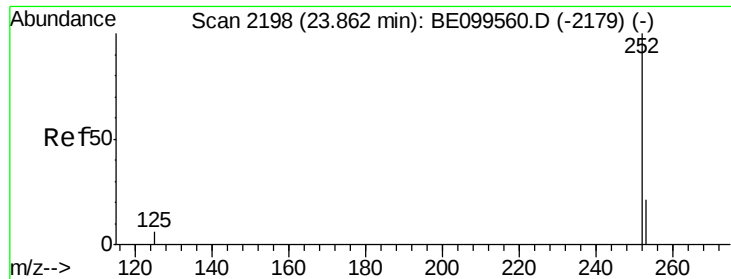


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

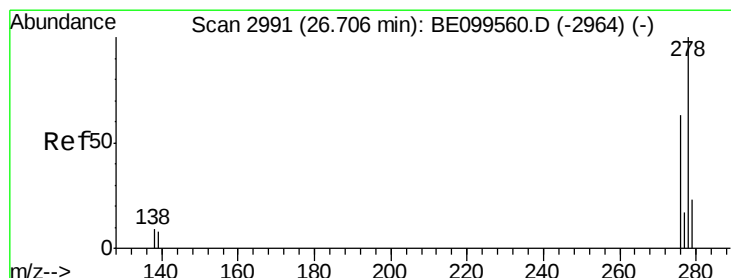
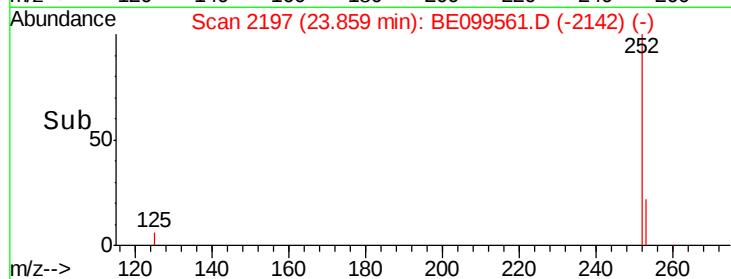
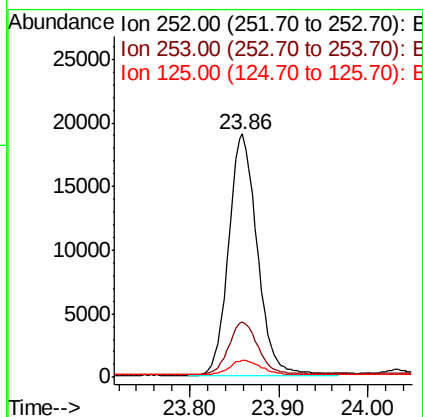
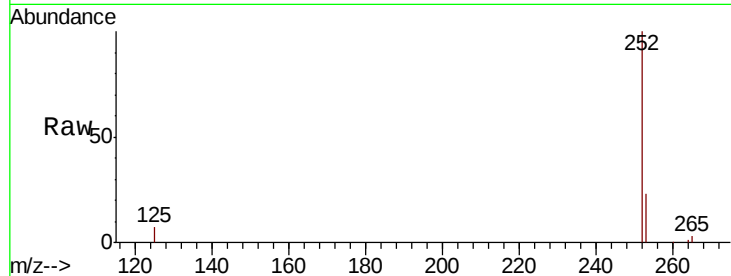




#37
Benzo(a)pyrene
Concen: 0.823 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099561.D
Acq: 7 May 2019 11:25

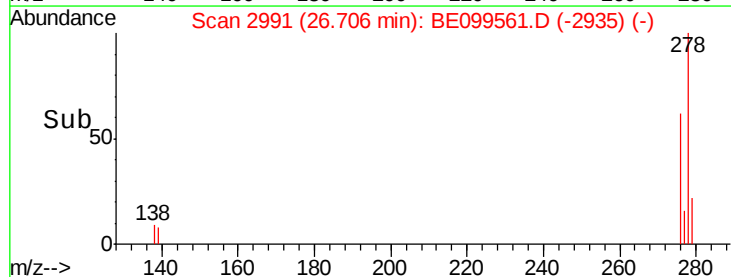
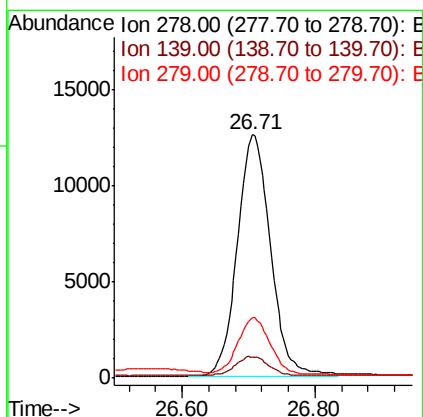
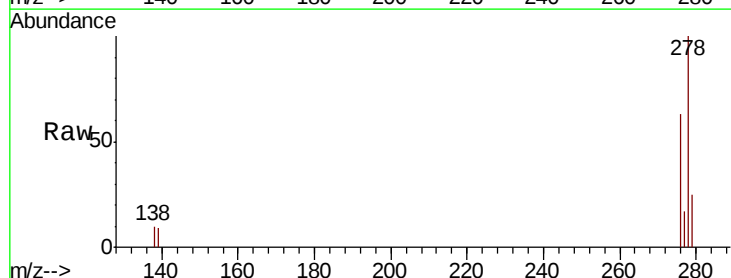
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

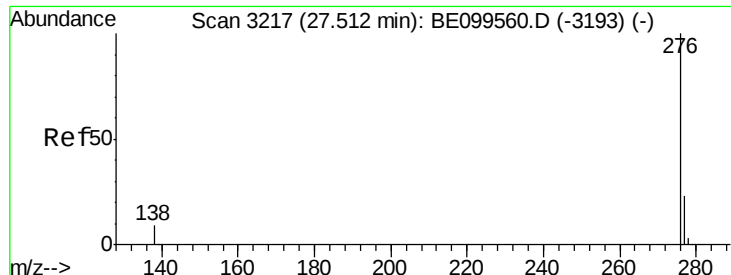
Tot Ion:252 Resp: 42755
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 7.1 6.6 9.8



#38
Dibenzo(a,h)anthracene
Concen: 0.823 ng
RT: 26.71 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE099561.D
Acq: 7 May 2019 11:25

Tgt Ion:278 Resp: 43759
Ion Ratio Lower Upper
278 100
139 8.8 7.7 11.5
279 25.0 21.0 31.4





#39

Benzo(a,h,i)perylene

Concen: 0.831 ng

RT: 27.52 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BE099561.D

Acq: 7 May 2019 11:25

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

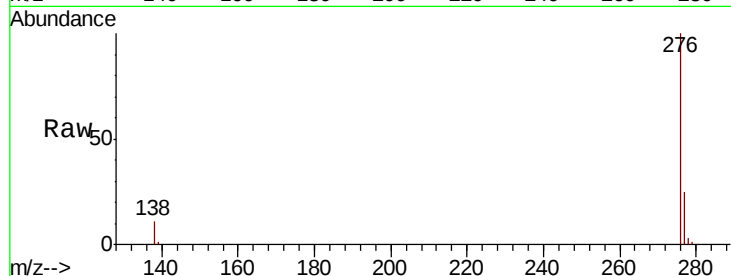
Tot Ion:276 Resp: 44275

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 10.7 8.6 12.8



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

