

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100276.D
 Acq On : 1 Jul 2019 21:30
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

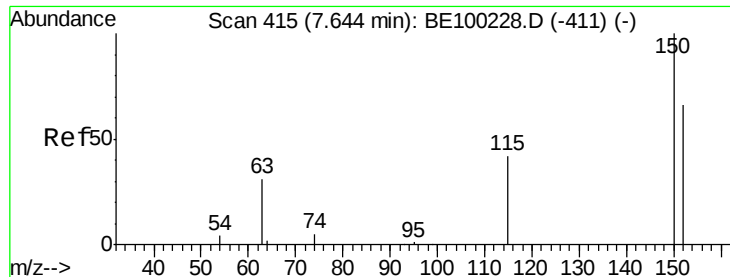
Quant Time: Jul 02 02:23:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1469	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	7313	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	5920	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	16222	0.40	ng	0.00
27) Chrysene-d12	21.25	240	19905	0.40	ng	0.00
34) Perylene-d12	23.67	264	23458	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1399	0.37	ng	0.00
5) Phenol-d6	6.83	99	2594	0.53	ng	0.00
8) Nitrobenzene-d5	8.80	82	3100	0.43	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	6011	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1827	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	9532	0.41	ng	-0.01
25) Fluoranthene-d10	19.10	212	92643	0.39	ng	0.00
29) Terphenyl-d14	19.70	244	20083	0.49	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	589	0.258	ng	96
3) n-Nitrosodimethylamine	3.44	42	578	0.544	ng	# 82
6) bis(2-Chloroethyl)ether	7.07	93	2412	0.596	ng	# 72
9) Naphthalene	10.49	128	32730	0.406	ng	# 97
10) Hexachlorobutadiene	10.76	225	3161	0.407	ng	97
12) 2-Methylnaphthalene	12.11	142	5876	0.415	ng	97
16) Acenaphthylene	14.04	152	11839	0.417	ng	98
17) Acenaphthene	14.39	154	6604	0.410	ng	98
18) Fluorene	15.35	166	9578	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	4550	0.439	ng	# 84
21) Hexachlorobenzene	16.37	284	4534	0.422	ng	96
22) Pentachlorophenol	16.72	266	1646	0.509	ng	93
23) Phenanthrene	17.09	178	16634	0.423	ng	100
24) Anthracene	17.19	178	15744	0.445	ng	100
26) Fluoranthene	19.13	202	24498	0.391	ng	100
28) Pyrene	19.49	202	25434	0.483	ng	100
30) Benzo(a)anthracene	21.23	228	29095	0.445	ng	97
31) Chrysene	21.28	228	28644	0.436	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	44375	0.422	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	34808	0.400	ng	99
35) Benzo(b)fluoranthene	22.93	252	27273	0.429	ng	99
36) Benzo(k)fluoranthene	22.97	252	28528	0.402	ng	99
37) Benzo(a)pyrene	23.56	252	26610	0.417	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	28205	0.424	ng	98
39) Benzo(g,h,i)perylene	27.02	276	28655	0.419	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 415

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

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SSTDCCC0.4EC

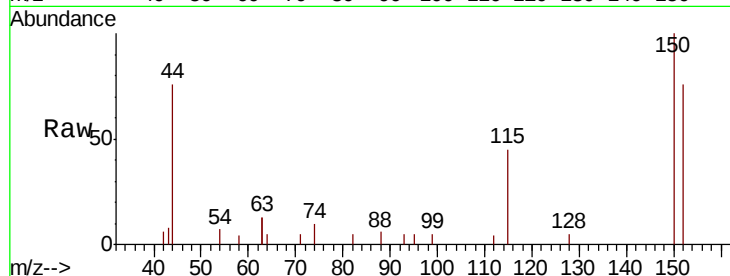
Tgt Ion:152 Resp: 1469

Ion Ratio Lower Upper

152 100

150 132.4 114.5 171.7

115 59.2 57.1 85.7

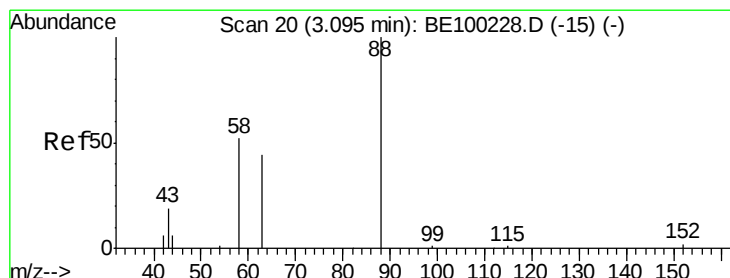
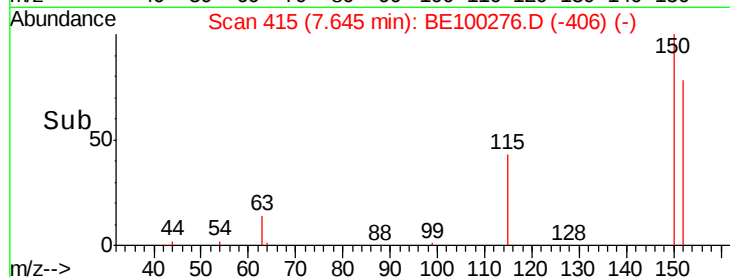
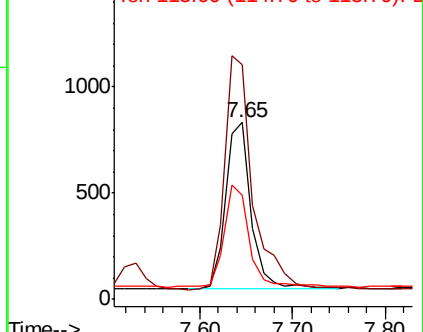


Abundance

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: 0.258 ng

RT: 3.11 min Scan# 21

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

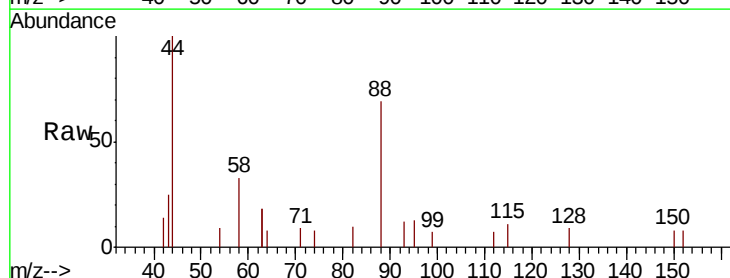
Tgt Ion: 88 Resp: 589

Ion Ratio Lower Upper

88 100

58 56.4 43.6 65.4

43 29.5 21.4 32.0

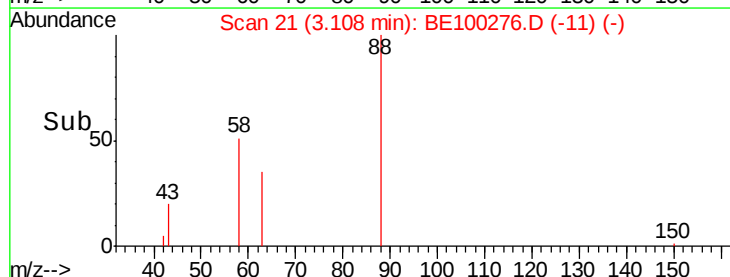
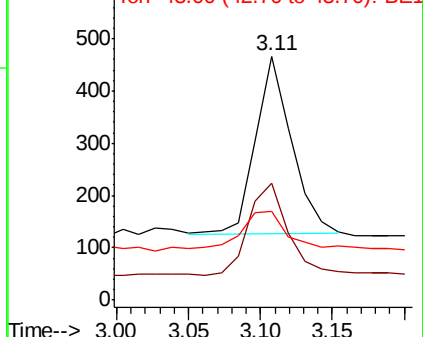


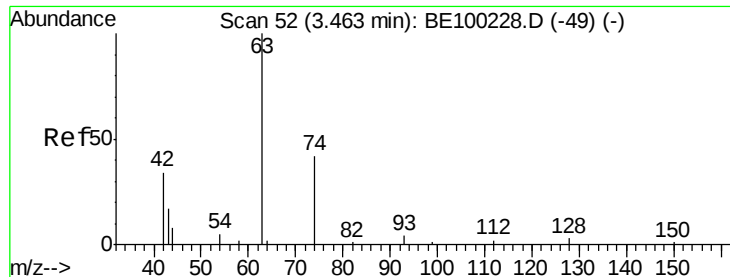
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.544 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

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SSTDCCC0.4EC

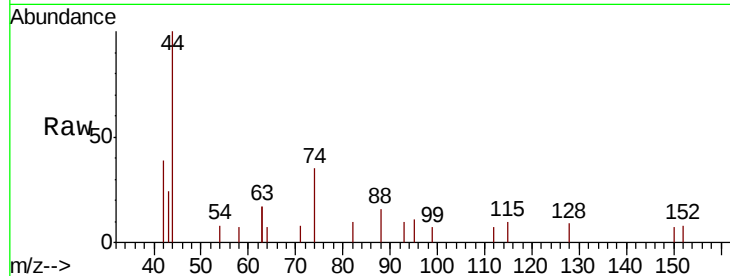
Tgt Ion: 42 Resp: 578

Ion Ratio Lower Upper

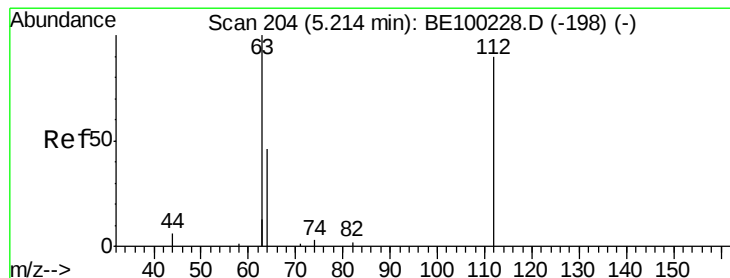
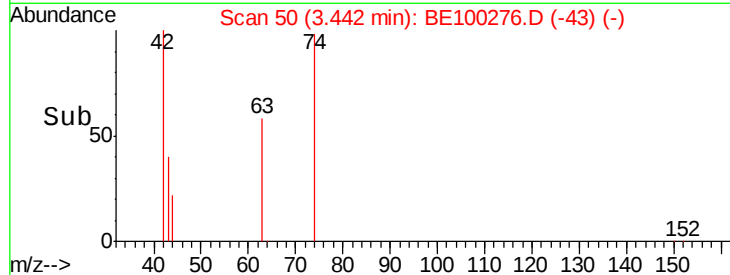
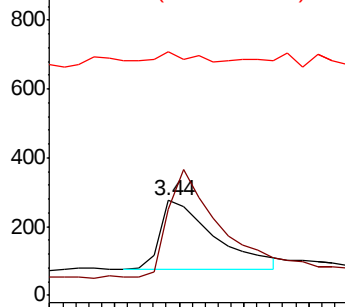
42 100

74 156.4 130.6 196.0

44 6.4 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.373 ng

RT: 5.22 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

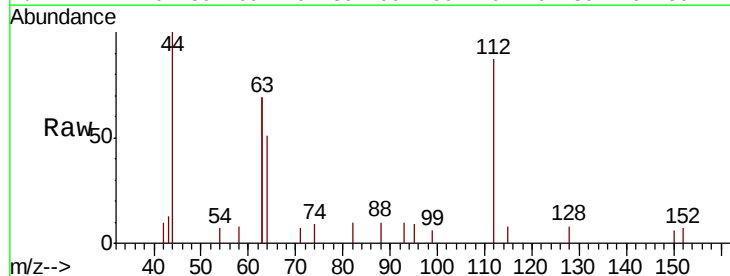
Tgt Ion: 112 Resp: 1399

Ion Ratio Lower Upper

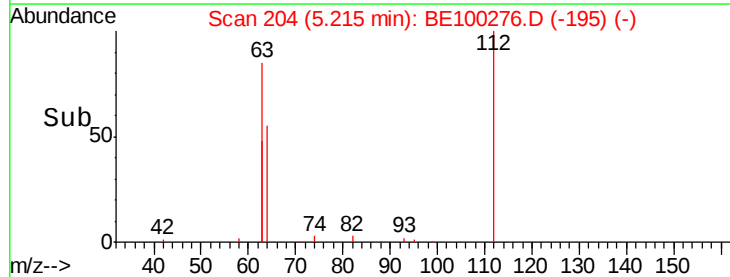
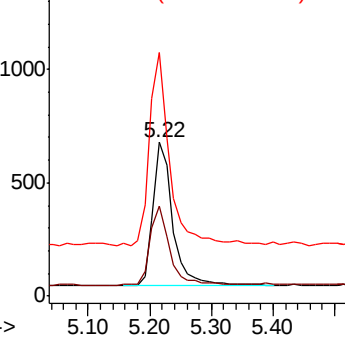
112 100

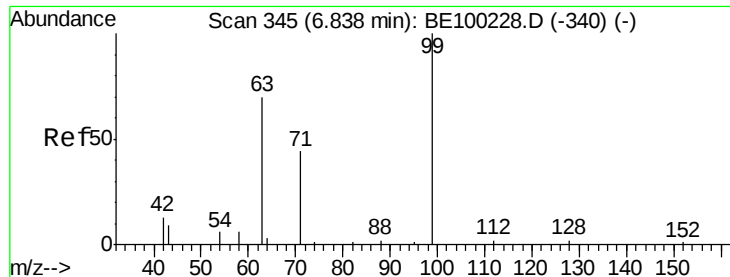
64 53.0 39.4 59.0

63 136.6 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.526 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

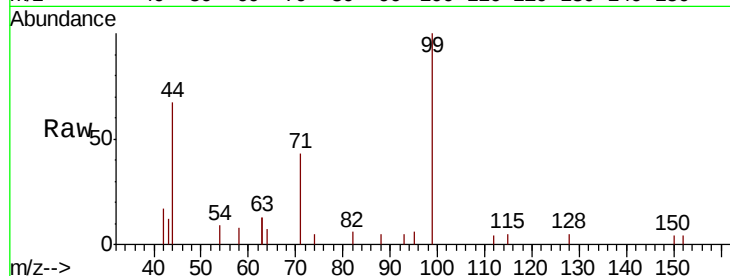
Tgt Ion: 99 Resp: 2594

Ion Ratio Lower Upper

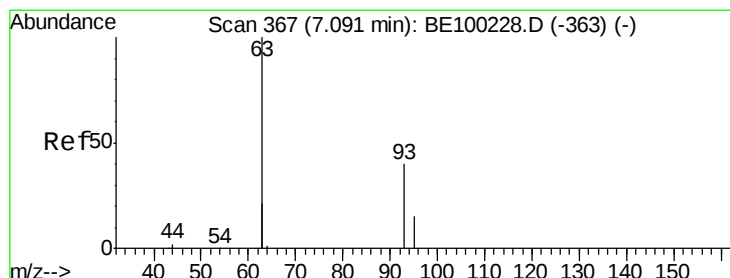
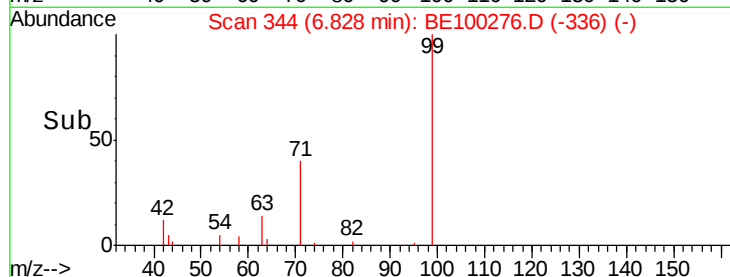
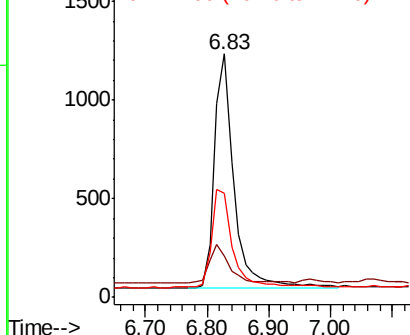
99 100

42 16.5 11.2 16.8

71 43.3 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.596 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

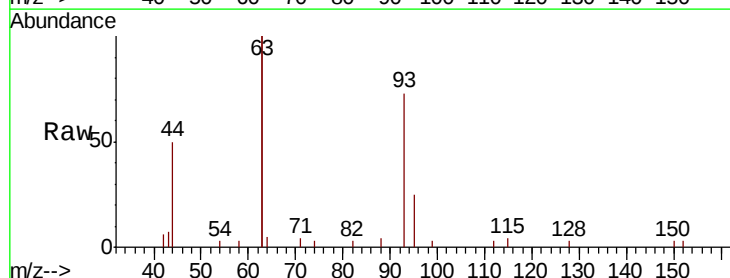
Tgt Ion: 93 Resp: 2412

Ion Ratio Lower Upper

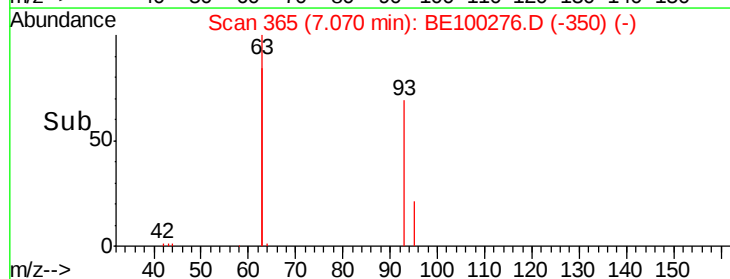
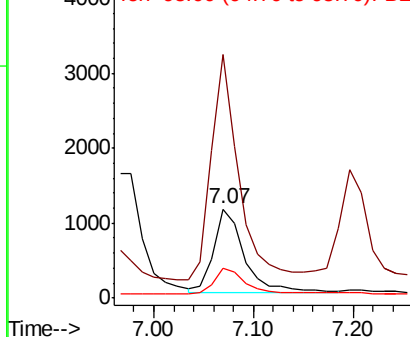
93 100

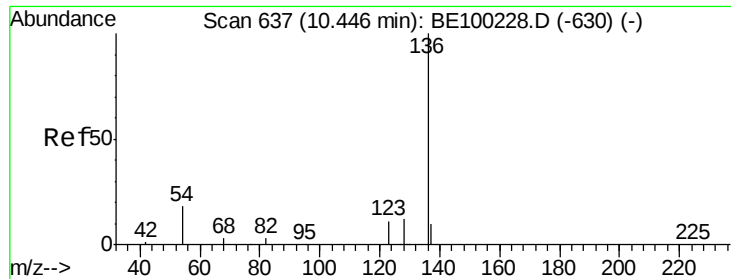
63 241.6 155.6 233.4#

95 30.2 23.0 34.4



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

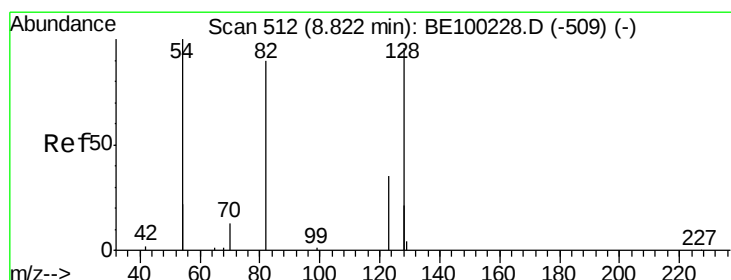
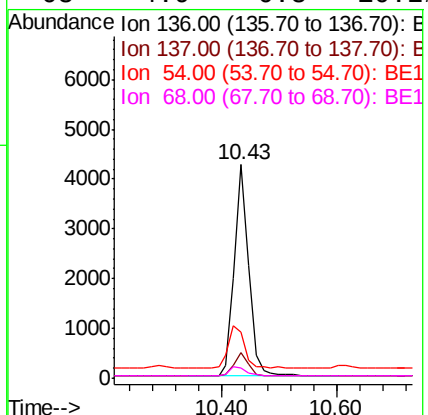
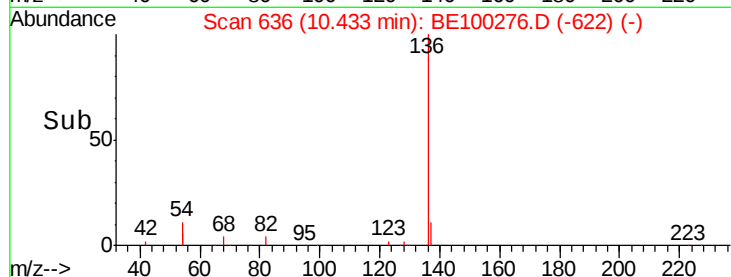
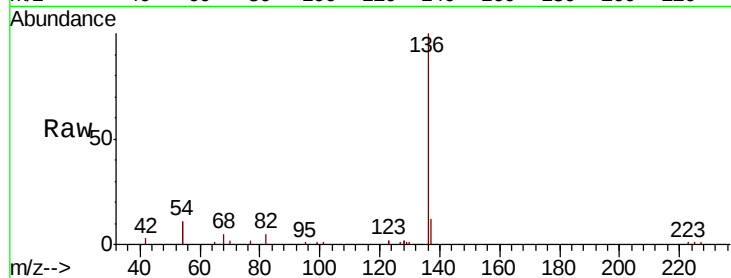
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	136	Resp:	7313
Ion	Ratio	Lower	Upper
136	100		
137	12.1	11.8	17.8
54	21.3	27.7	41.5#
68	4.9	6.8	10.2#



#8

Nitrobenzene-d5

Concen: 0.427 ng

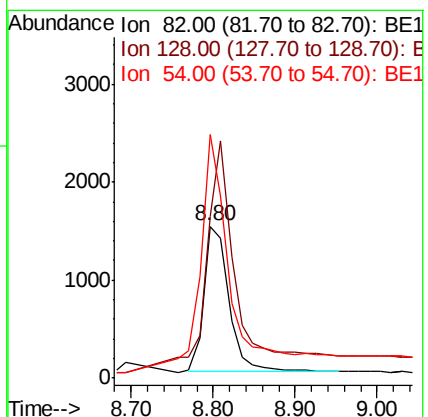
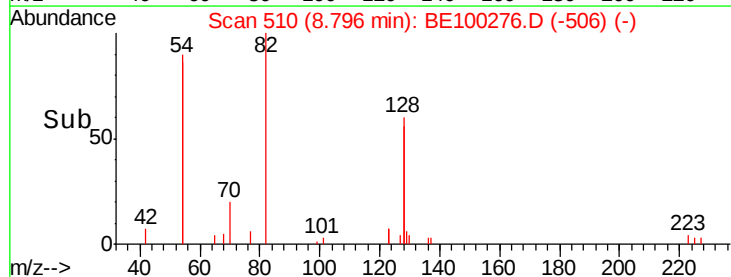
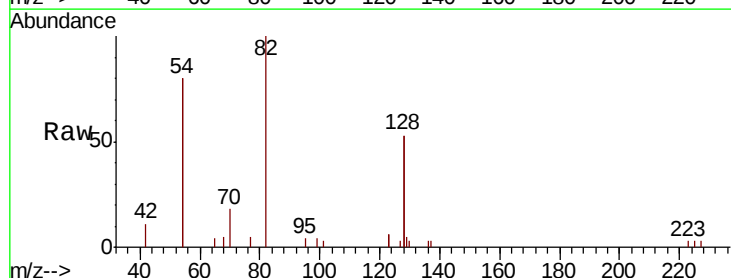
RT: 8.80 min Scan# 510

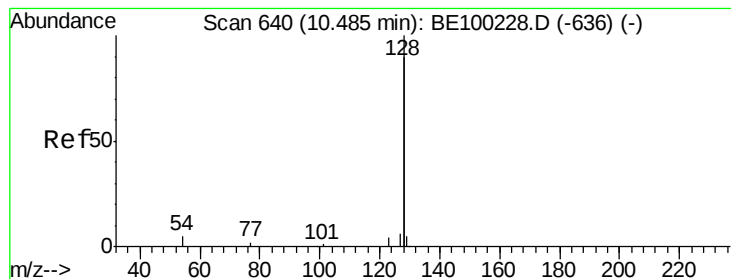
Delta R.T. -0.03 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Tgt Ion:	82	Resp:	3100
Ion	Ratio	Lower	Upper
82	100		
128	106.8	140.9	211.3#
54	160.6	146.2	219.2





#9

Naphthalene

Concen: 0.406 ng

RT: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

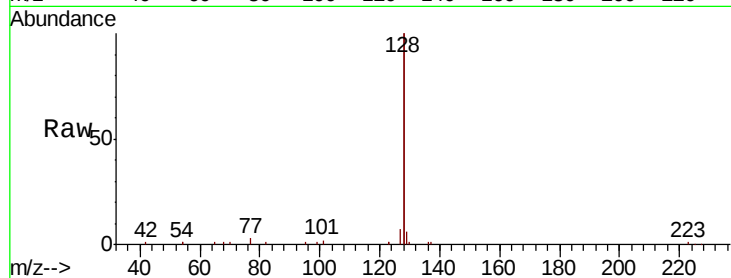
Tgt Ion:128 Resp: 32730

Ion Ratio Lower Upper

128 100

129 3.0 3.0 4.6

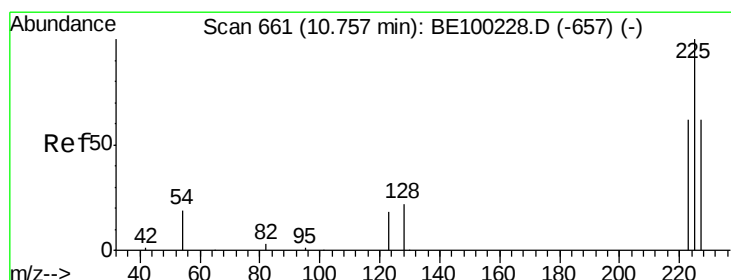
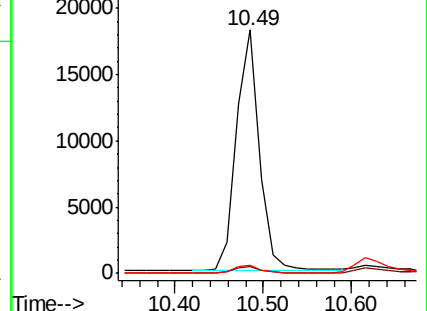
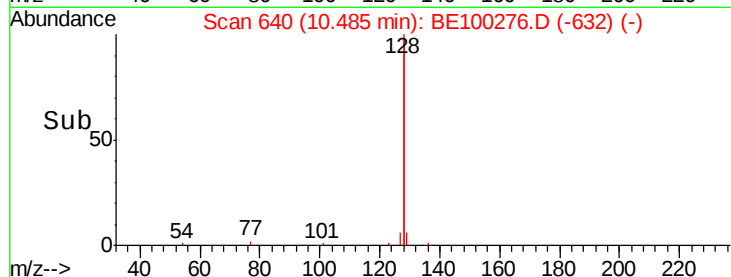
127 3.4 3.5 5.3#



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: 0.407 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

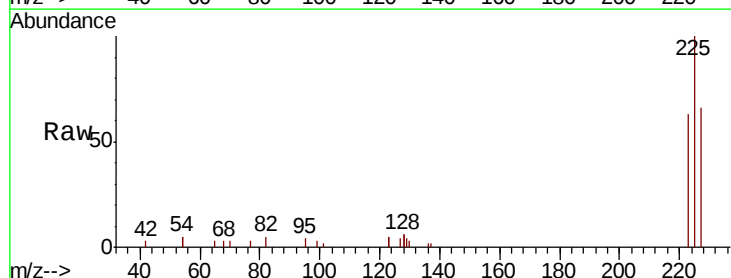
Tgt Ion:225 Resp: 3161

Ion Ratio Lower Upper

225 100

223 62.7 49.1 73.7

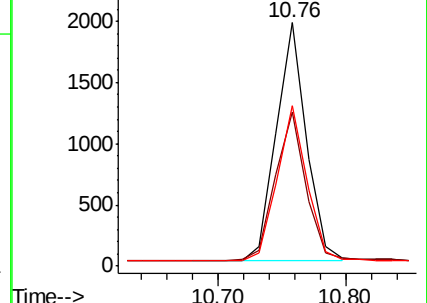
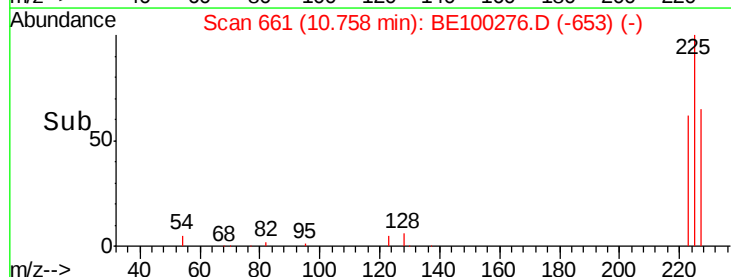
227 64.7 49.3 73.9

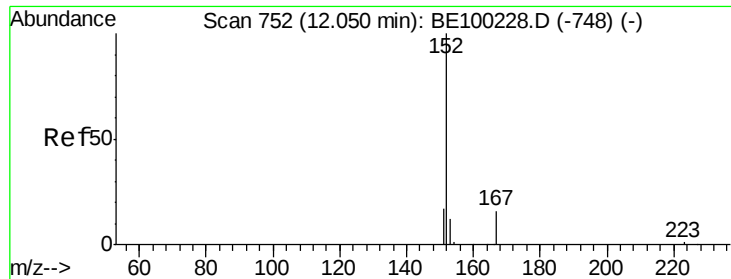


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

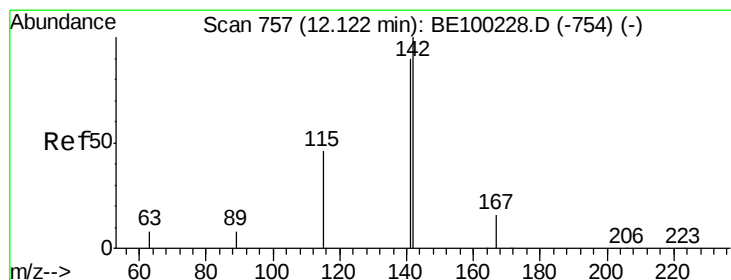
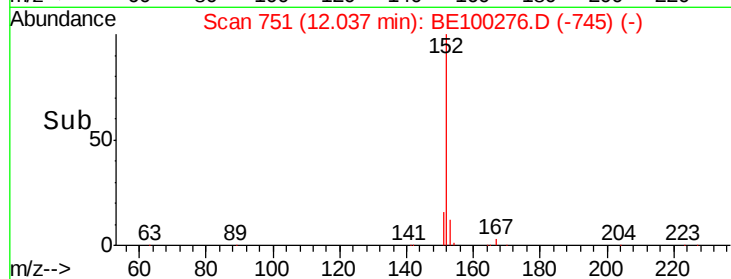
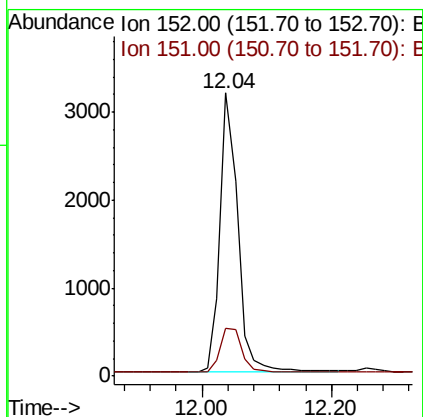
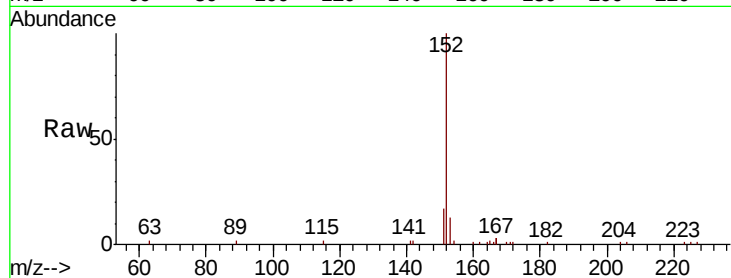




#11
 2-Methylnaphthalene-d10
 Concen: 0.437 ng
 RT: 12.04 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BE100276.D
 Acq: 1 Jul 2019 21:30

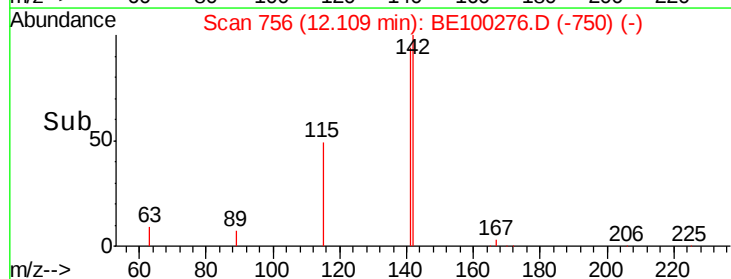
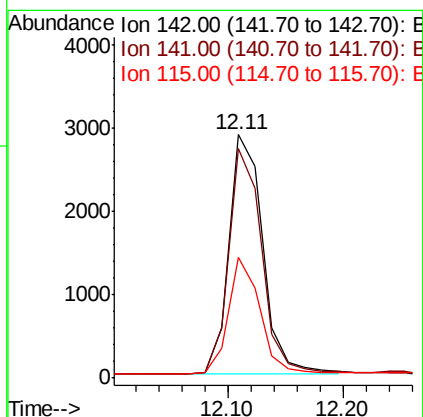
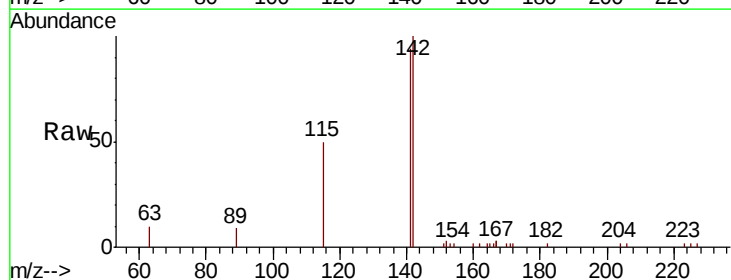
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

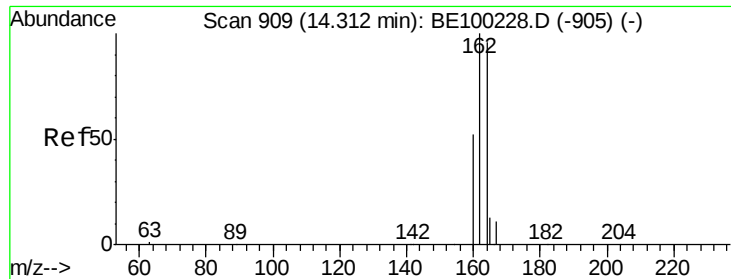
Tgt Ion:152 Resp: 6011
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.415 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BE100276.D
 Acq: 1 Jul 2019 21:30

Tgt Ion:142 Resp: 5876
 Ion Ratio Lower Upper
 142 100
 141 94.4 72.4 108.6
 115 49.6 40.4 60.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

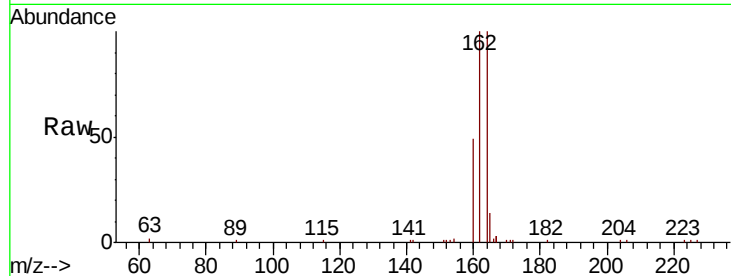
Tgt Ion:164 Resp: 5920

Ion Ratio Lower Upper

164 100

162 99.8 83.4 125.0

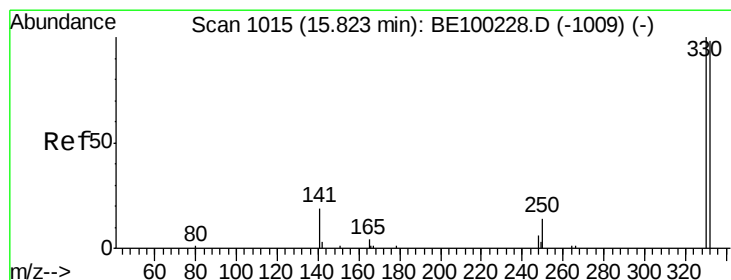
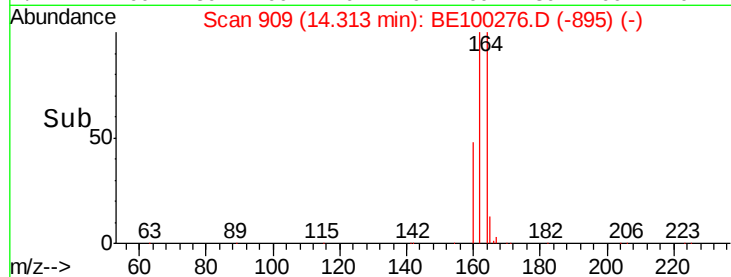
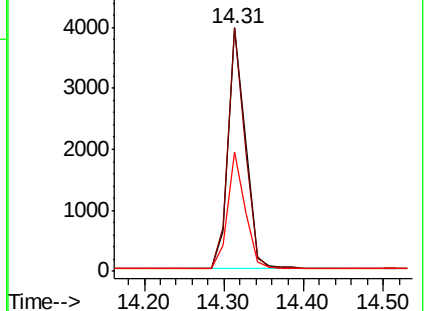
160 49.0 45.0 67.6



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: 0.441 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

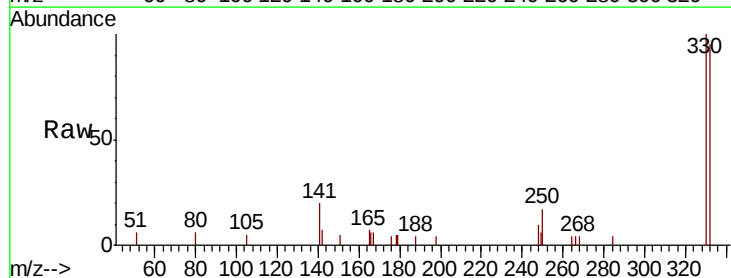
Tgt Ion:330 Resp: 1827

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.4

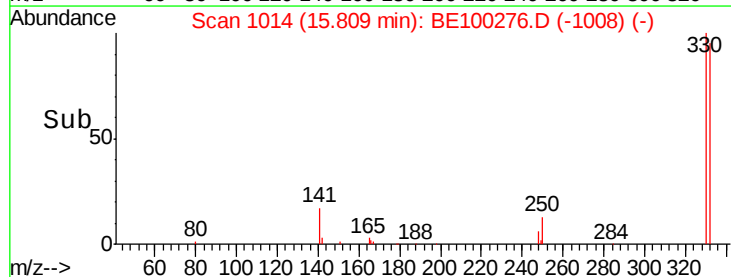
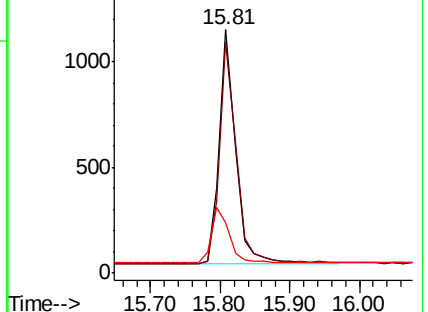
141 25.0 22.0 33.0

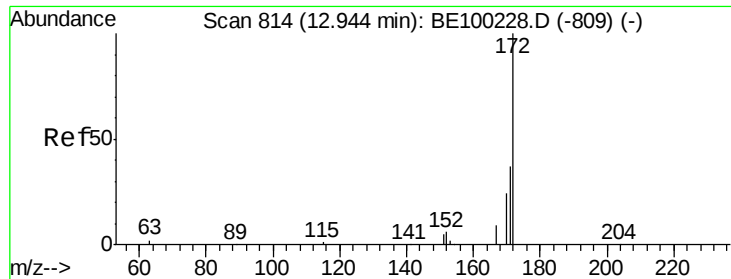


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

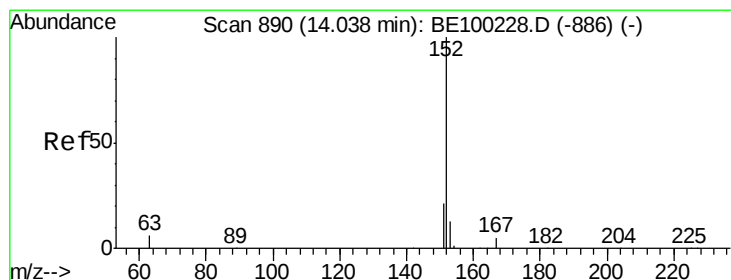
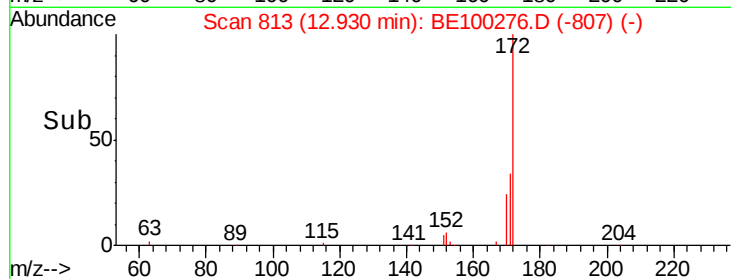
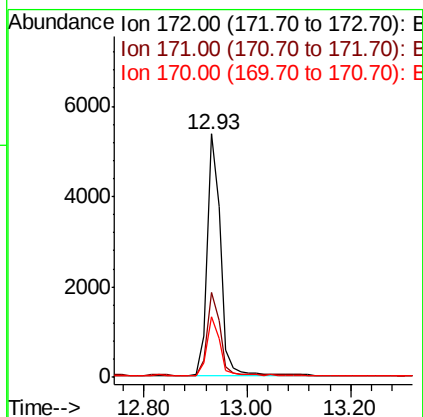
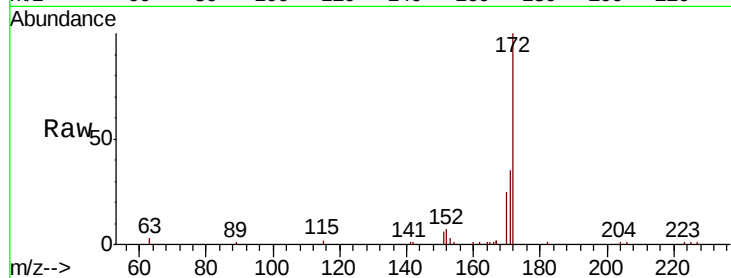




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100276.D
Acq: 1 Jul 2019 21:30

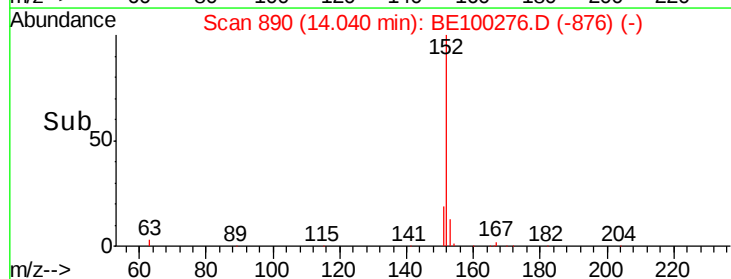
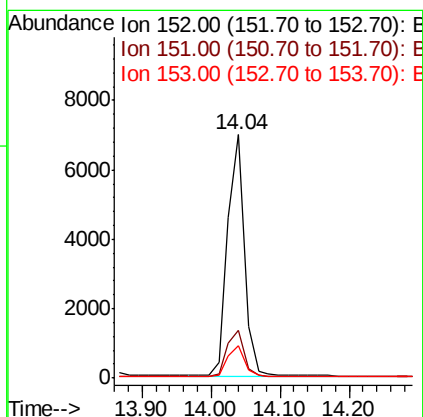
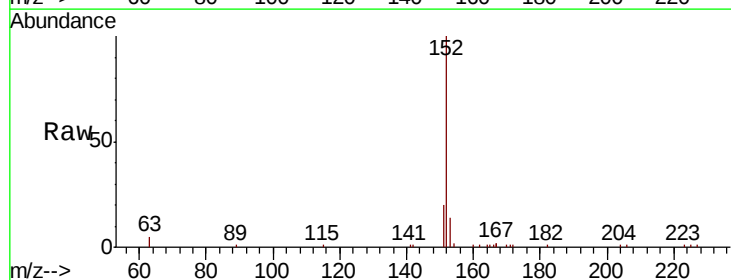
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

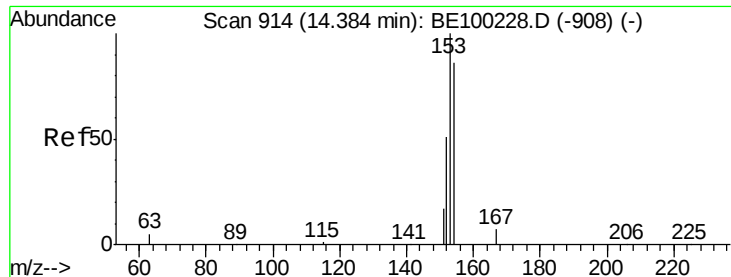
Tgt Ion:172 Resp: 9532
Ion Ratio Lower Upper
172 100
171 34.9 31.9 47.9
170 25.1 22.2 33.2



#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100276.D
Acq: 1 Jul 2019 21:30

Tgt Ion:152 Resp: 11839
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0
153 12.7 10.5 15.7

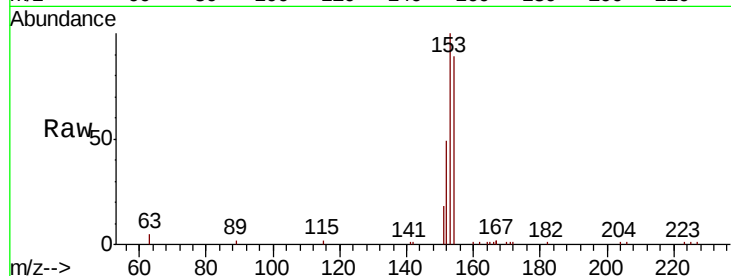




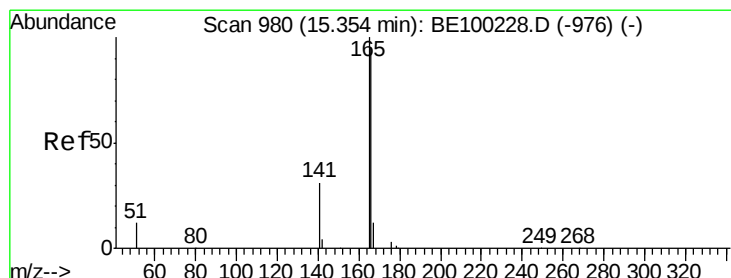
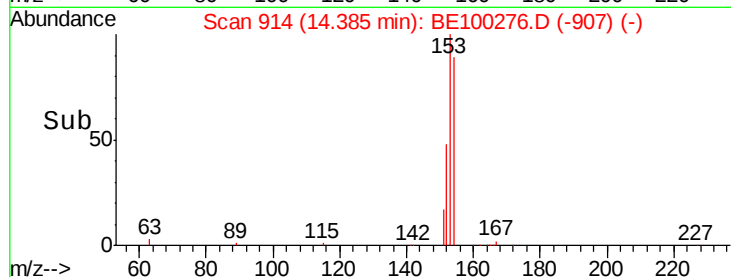
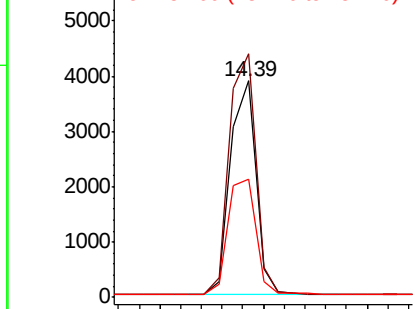
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100276.D
Acq: 1 Jul 2019 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 6604
Ion Ratio Lower Upper
154 100
153 117.5 93.4 140.2
152 58.9 49.4 74.2

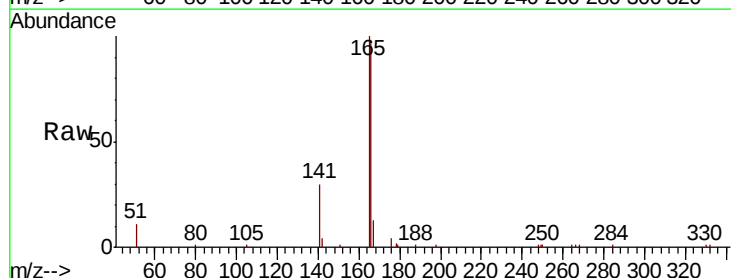


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

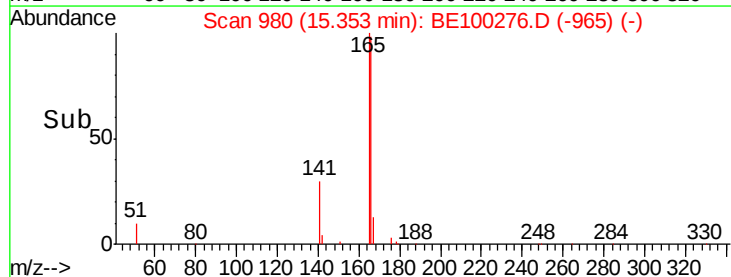
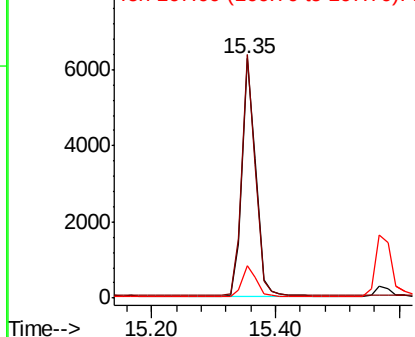


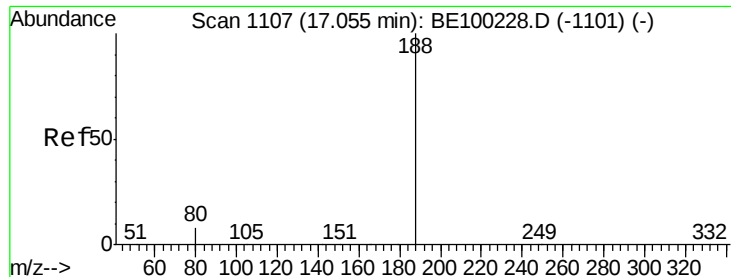
#18
Fluorene
Concen: 0.402 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100276.D
Acq: 1 Jul 2019 21:30

Tgt Ion:166 Resp: 9578
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 12.9 10.7 16.1



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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

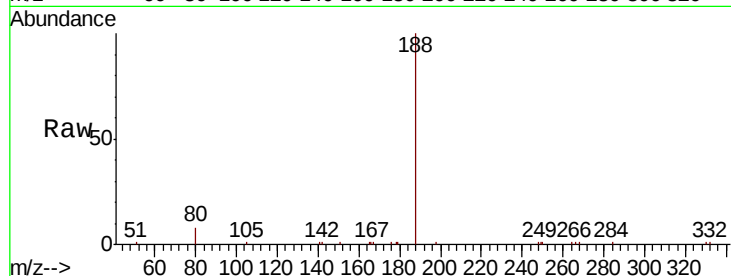
Tgt Ion:188 Resp: 16222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

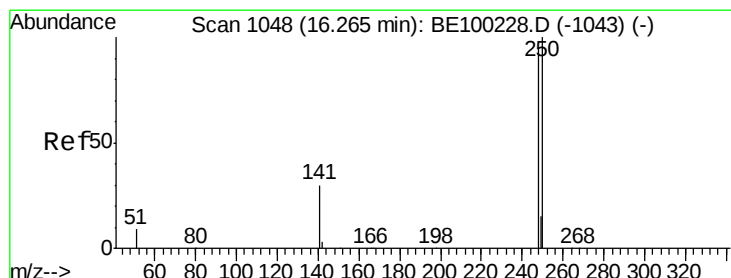
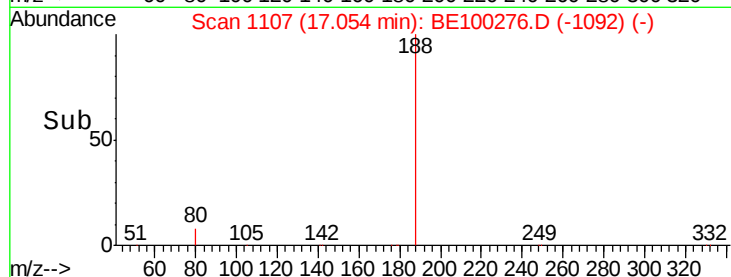
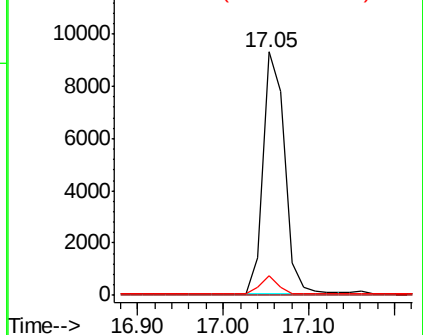
80 8.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.439 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

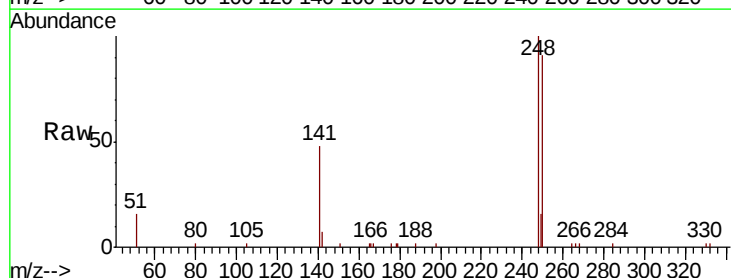
Tgt Ion:248 Resp: 4550

Ion Ratio Lower Upper

248 100

250 90.7 84.2 126.4

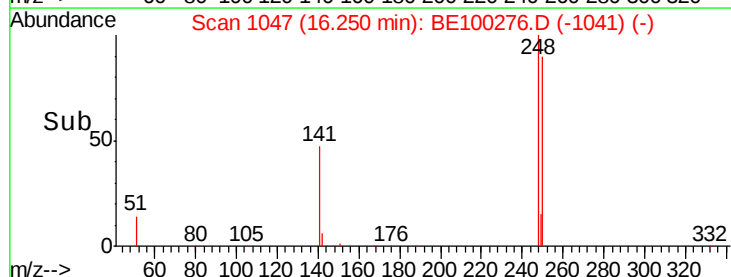
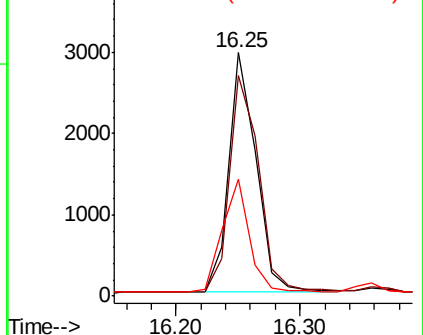
141 48.3 29.3 43.9#

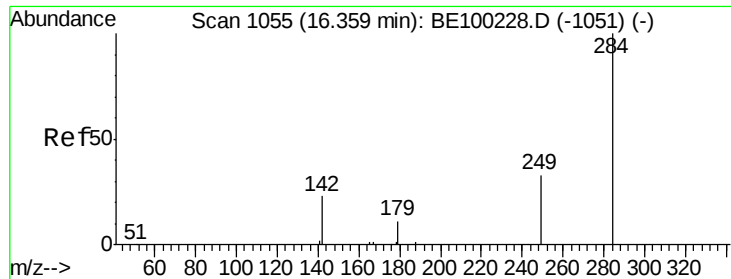


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

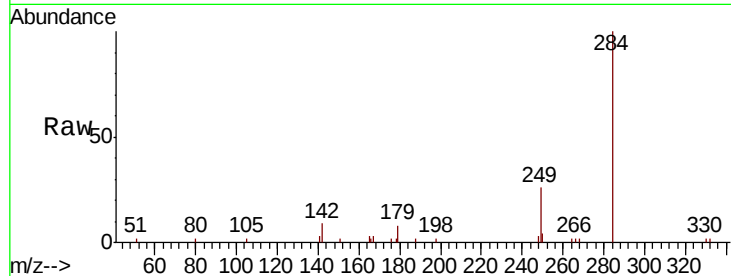
Tgt Ion:284 Resp: 4534

Ion Ratio Lower Upper

284 100

142 23.8 18.8 28.2

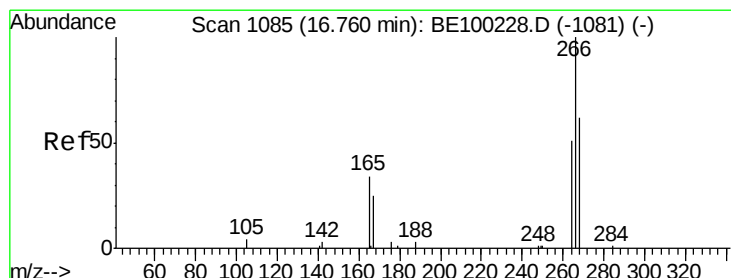
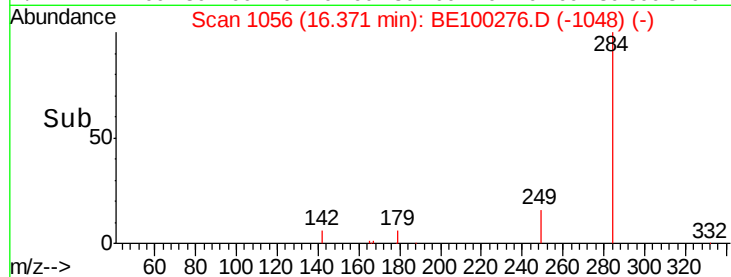
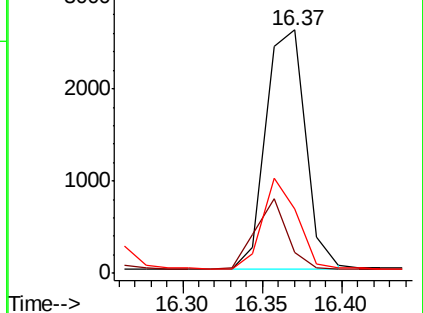
249 32.8 23.7 35.5



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: 0.509 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

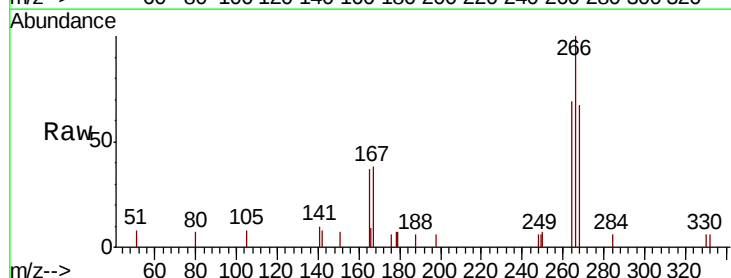
Tgt Ion:266 Resp: 1646

Ion Ratio Lower Upper

266 100

264 69.3 56.2 84.2

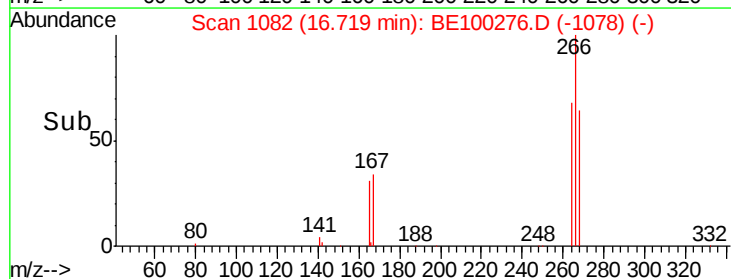
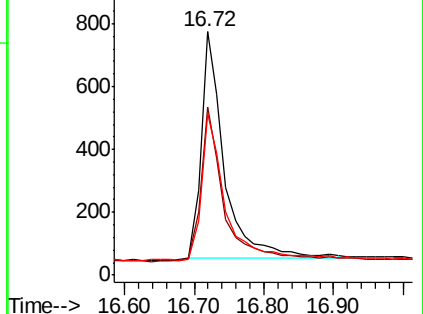
268 66.6 61.8 92.6

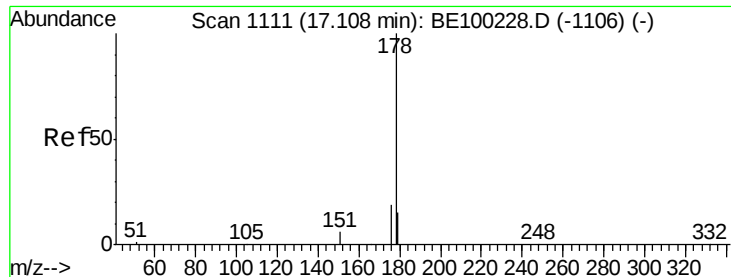


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.423 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

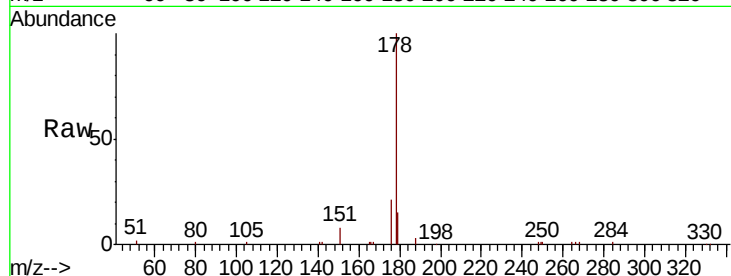
Tgt Ion:178 Resp: 16634

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

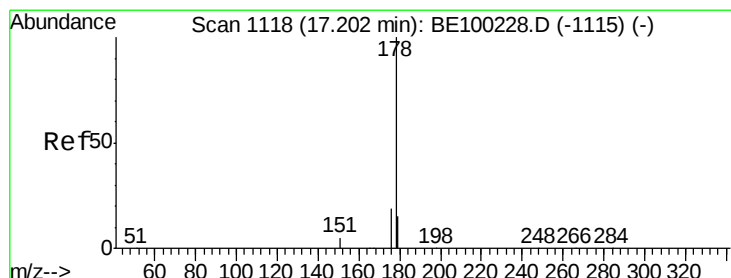
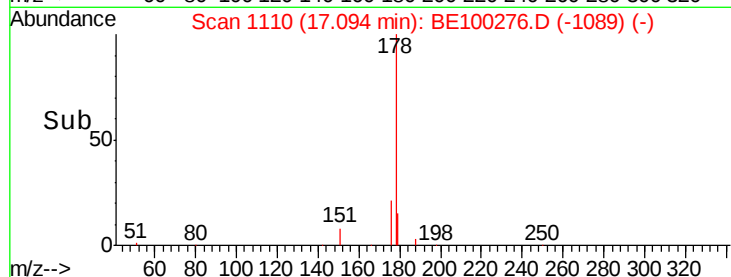
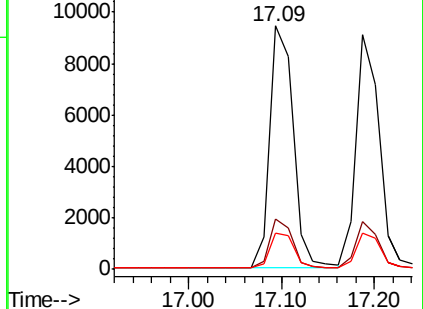
179 15.1 12.2 18.2



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: 0.445 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

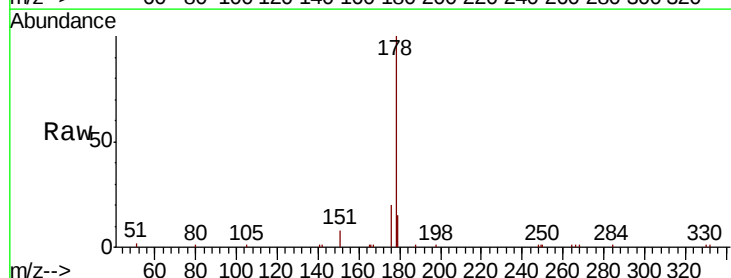
Tgt Ion:178 Resp: 15744

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

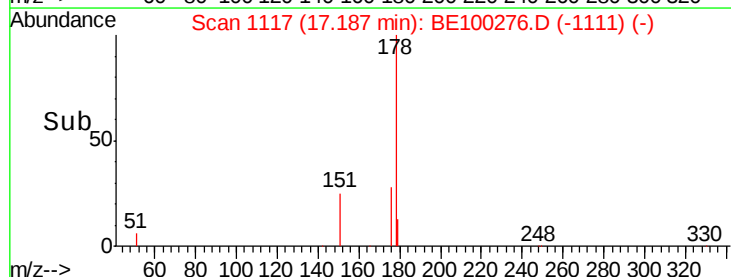
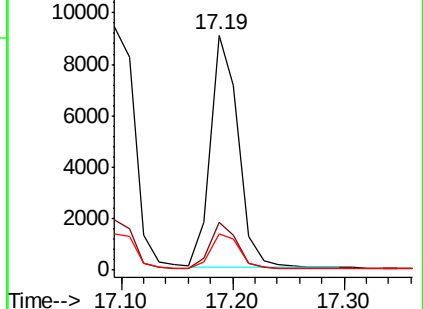
179 15.4 12.2 18.2

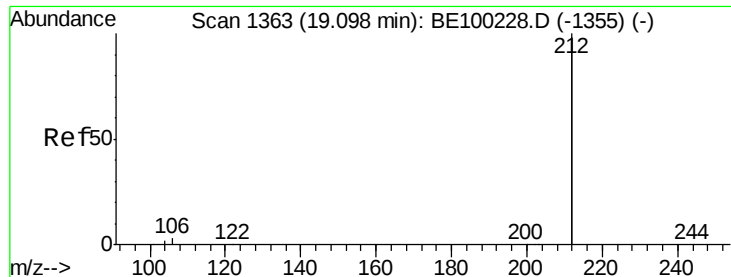


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

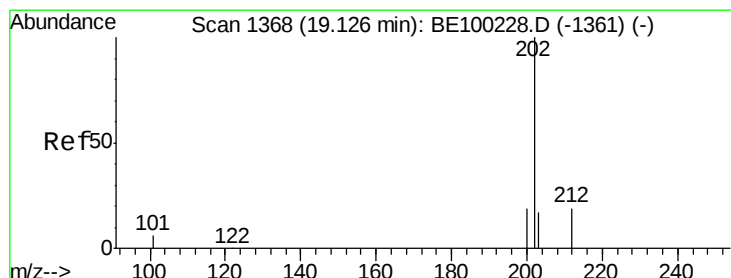
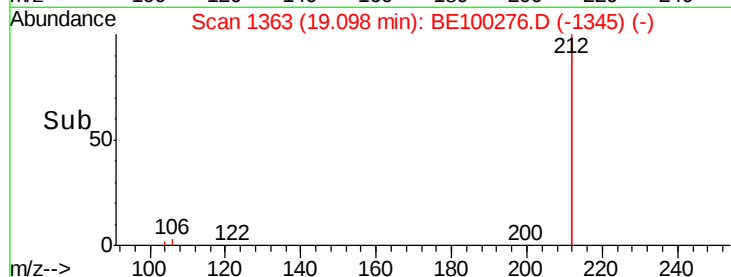
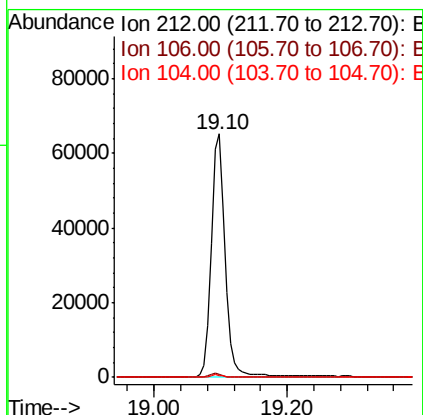
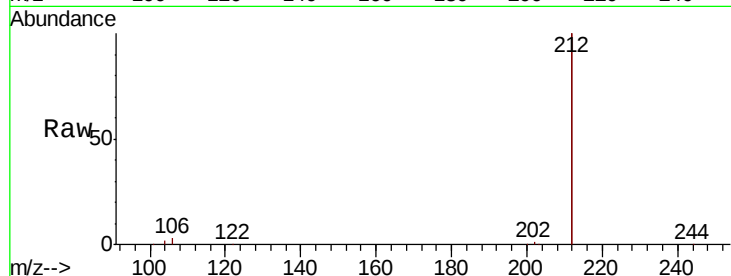




#25
 Fluoranthene-d10
 Concen: 0.393 ng
 RT: 19.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BE100276.D
 Acq: 1 Jul 2019 21:30

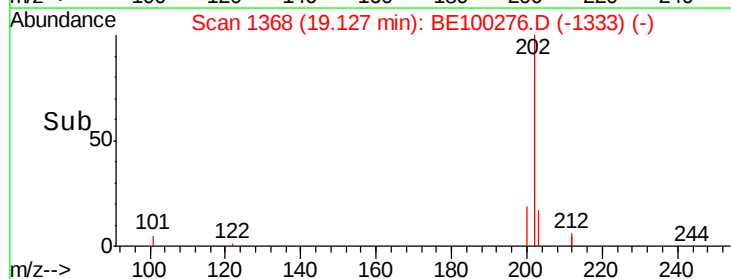
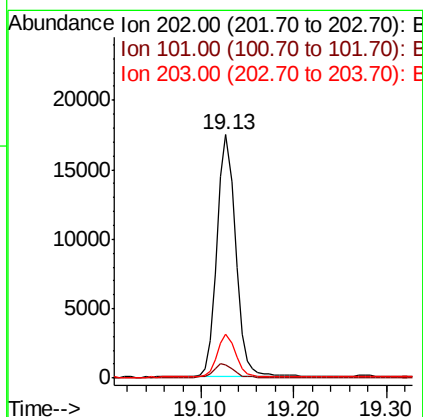
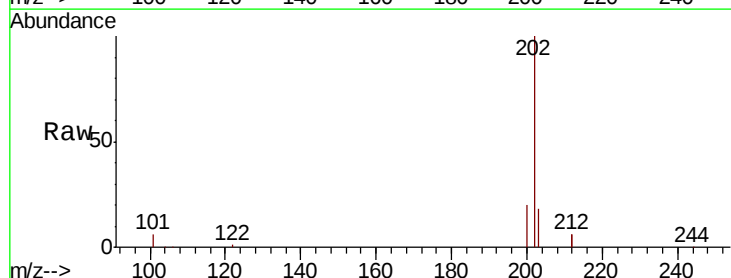
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

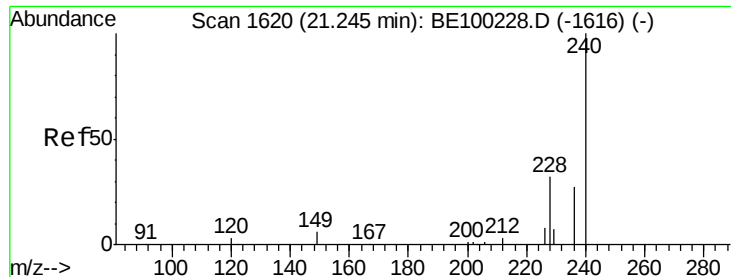
Tgt Ion: 212 Resp: 92643
 Ion Ratio Lower Upper
 212 100
 106 1.6 1.3 1.9
 104 0.9 0.8 1.2



#26
 Fluoranthene
 Concen: 0.391 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100276.D
 Acq: 1 Jul 2019 21:30

Tgt Ion: 202 Resp: 24498
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 7.0
 203 17.0 13.7 20.5

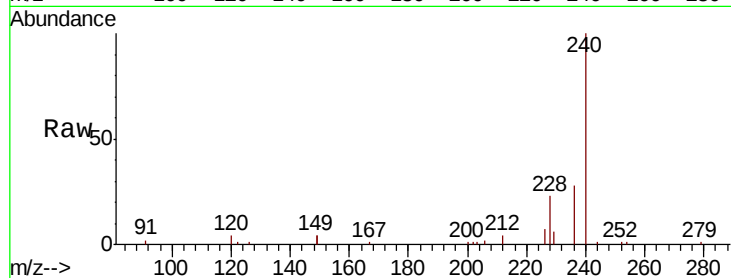




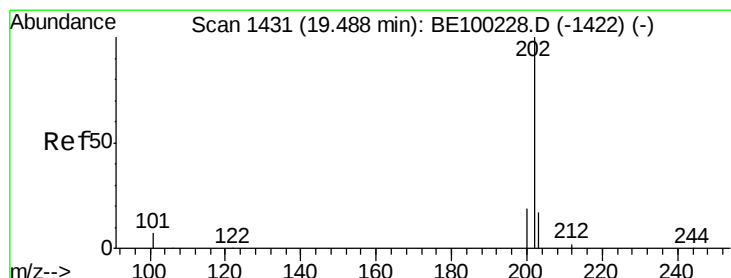
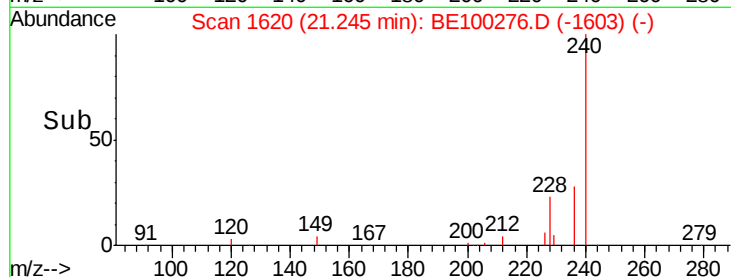
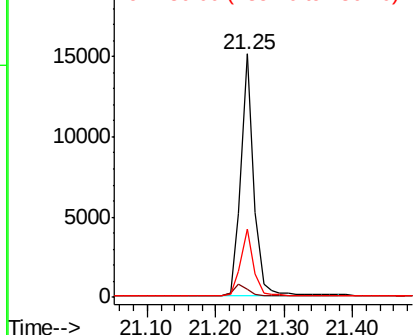
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100276.D
Acq: 1 Jul 2019 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19905
Ion Ratio Lower Upper
240 100
120 3.6 3.3 4.9
236 28.0 22.6 34.0

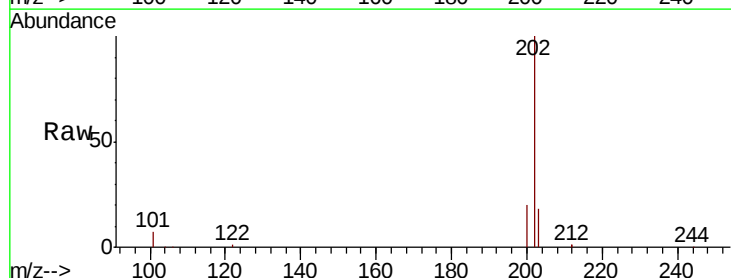


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

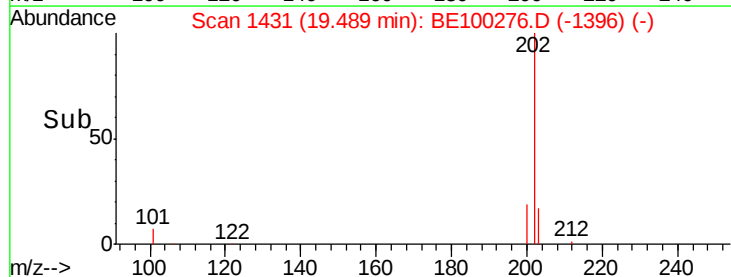
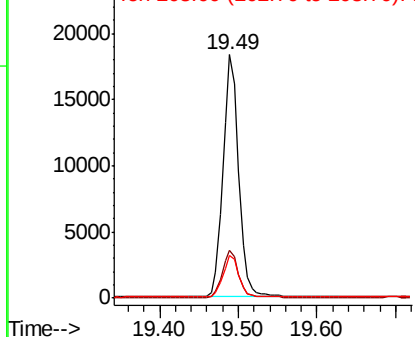


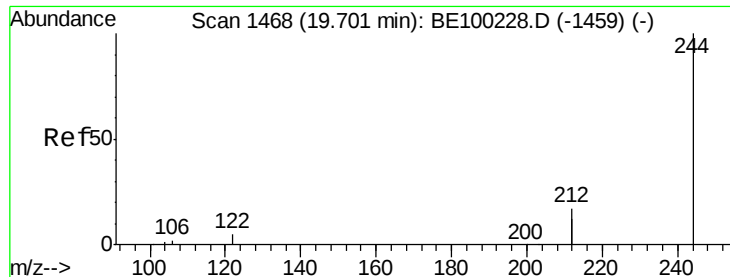
#28
Pyrene
Concen: 0.483 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100276.D
Acq: 1 Jul 2019 21:30

Tgt Ion:202 Resp: 25434
Ion Ratio Lower Upper
202 100
200 19.6 15.6 23.4
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.487 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

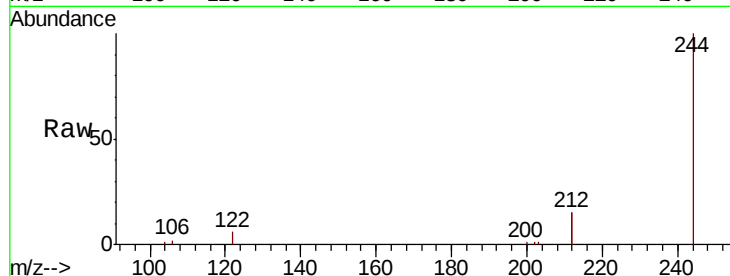
Tgt Ion:244 Resp: 20083

Ion Ratio Lower Upper

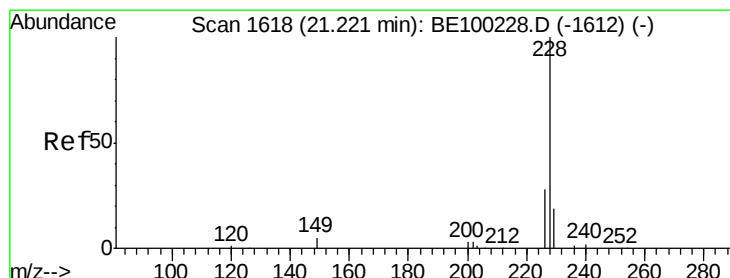
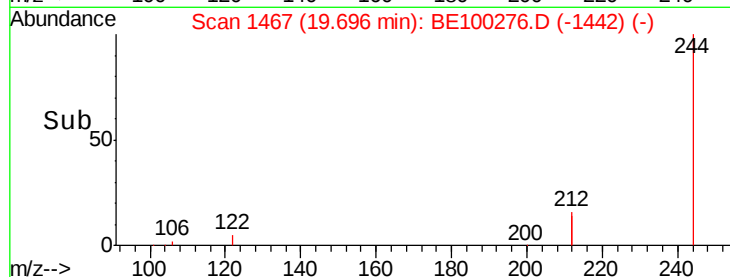
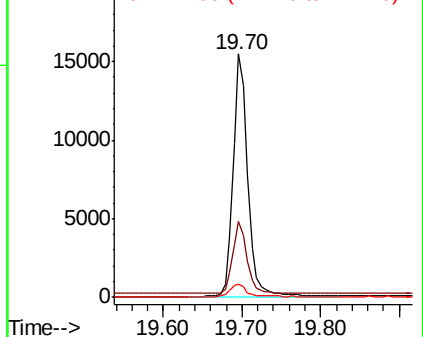
244 100

212 30.9 27.3 40.9

122 5.6 4.7 7.1



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: 0.445 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

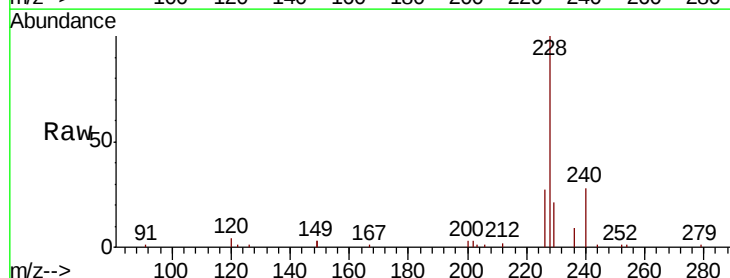
Tgt Ion:228 Resp: 29095

Ion Ratio Lower Upper

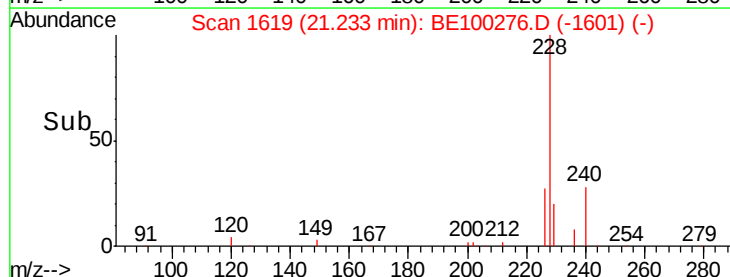
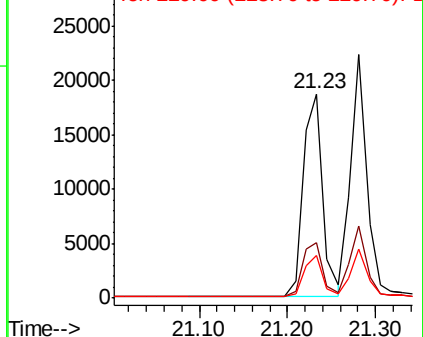
228 100

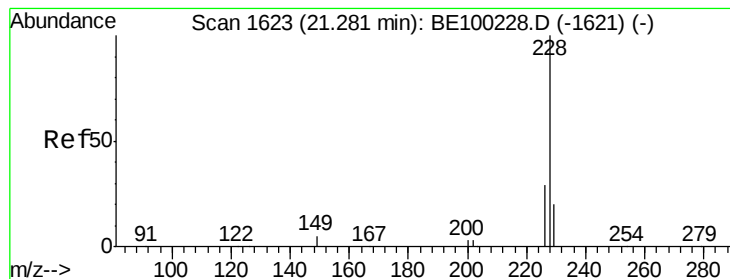
226 27.1 23.2 34.8

229 21.0 15.7 23.5



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: 0.436 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

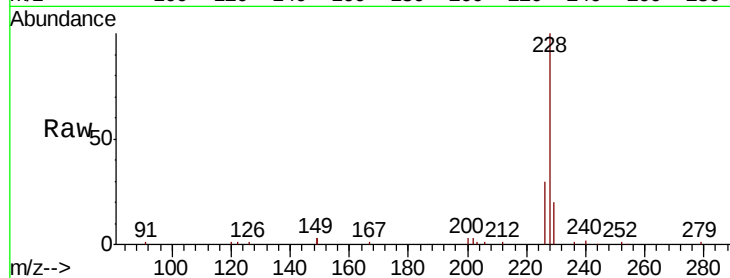
Tgt Ion:228 Resp: 28644

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 20.1 16.5 24.7

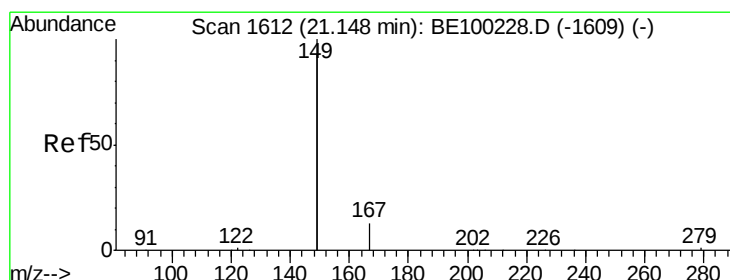
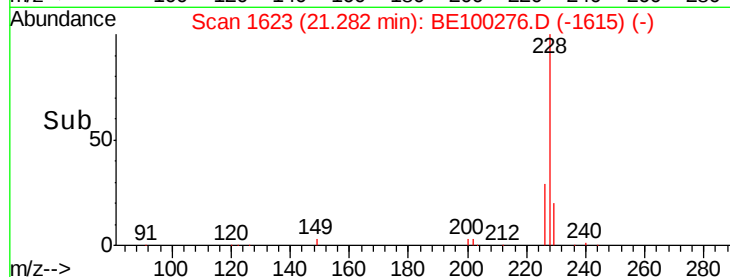
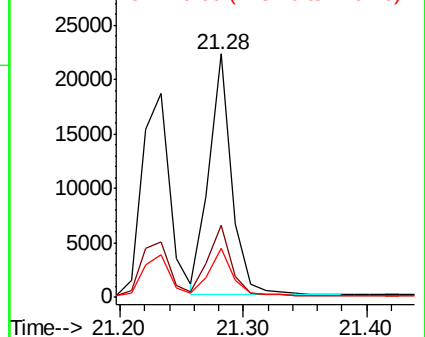


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.422 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

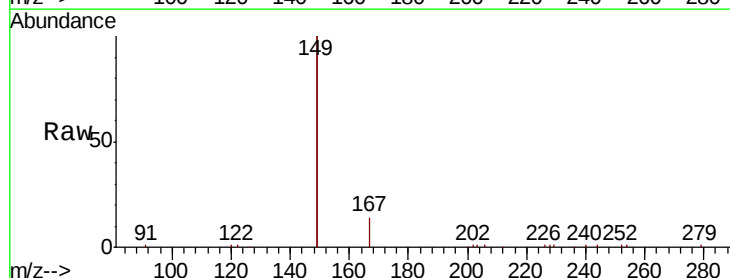
Tgt Ion:149 Resp: 44375

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

279 1.5 1.1 1.7

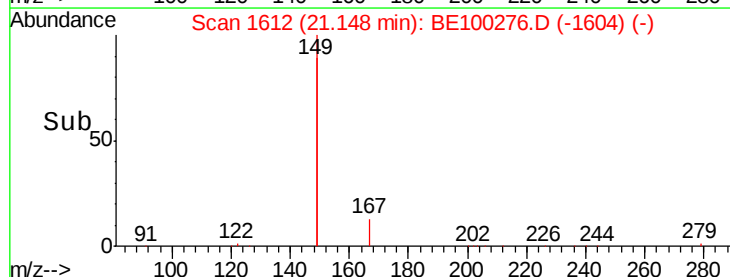
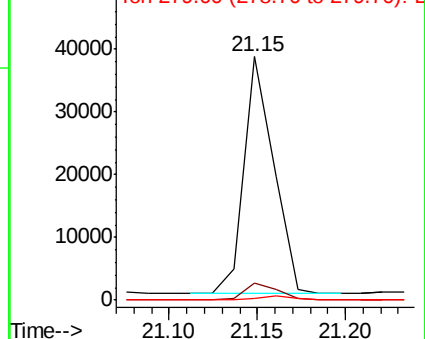


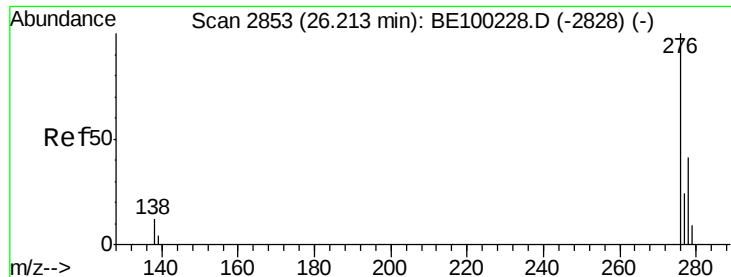
Abundance

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: 0.400 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

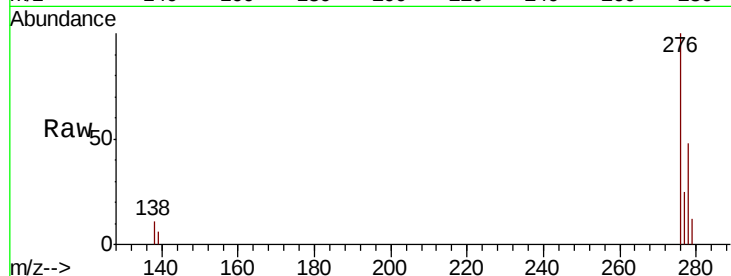
Tgt Ion:276 Resp: 34808

Ion Ratio Lower Upper

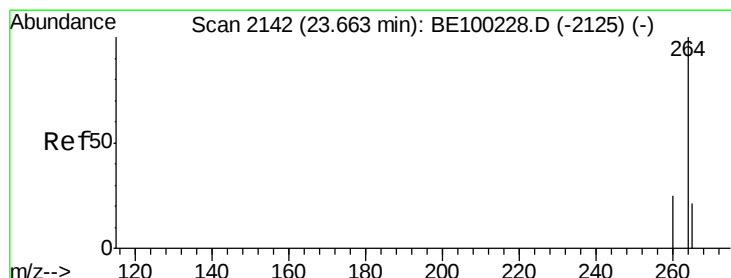
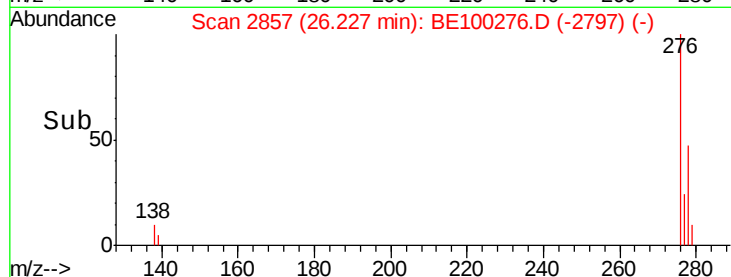
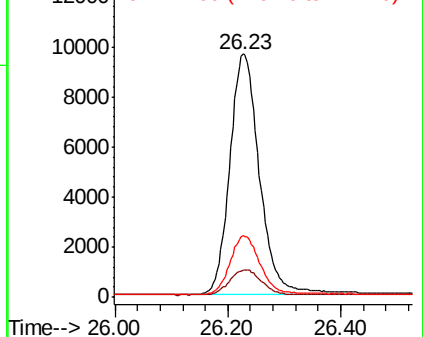
276 100

138 11.4 9.4 14.0

277 24.7 19.2 28.8



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: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

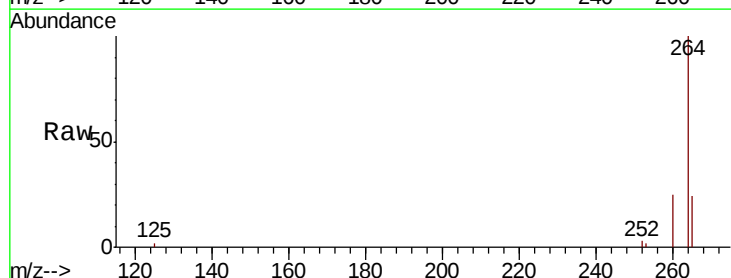
Tgt Ion:264 Resp: 23458

Ion Ratio Lower Upper

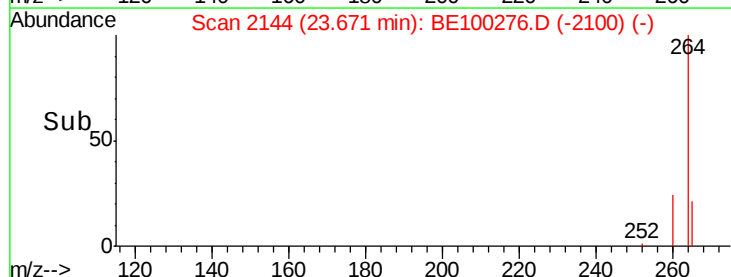
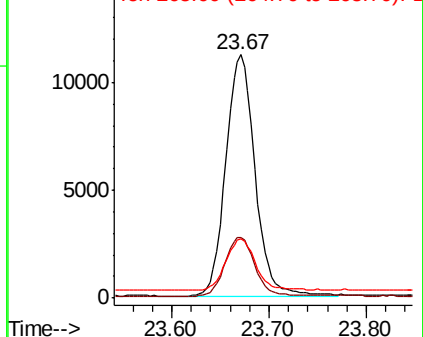
264 100

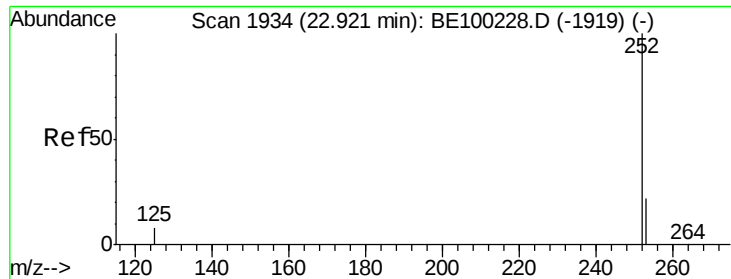
260 25.0 20.8 31.2

265 24.2 21.8 32.6



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: 0.429 ng

RT: 22.93 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

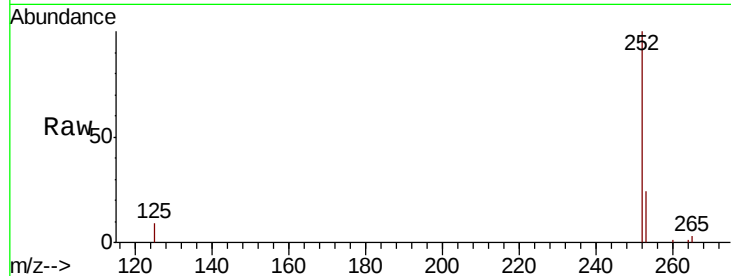
Tgt Ion:252 Resp: 27273

Ion Ratio Lower Upper

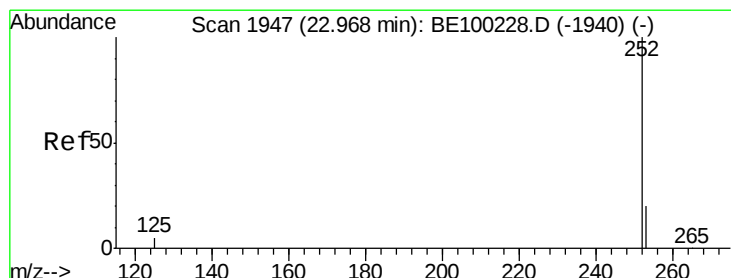
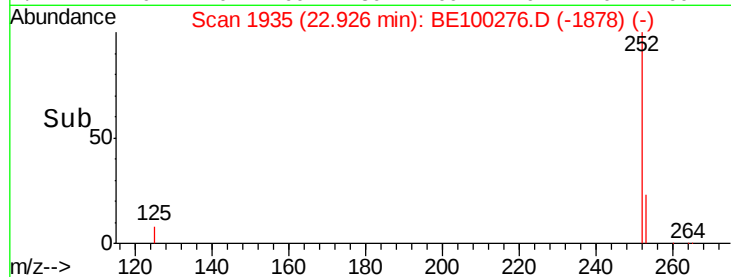
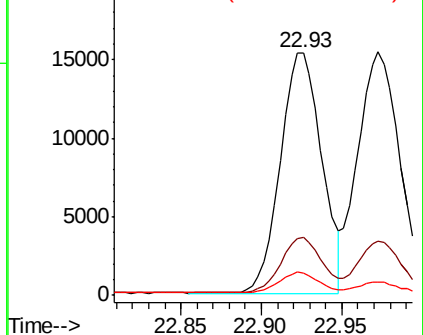
252 100

253 23.7 19.2 28.8

125 9.1 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 0.402 ng

RT: 22.97 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

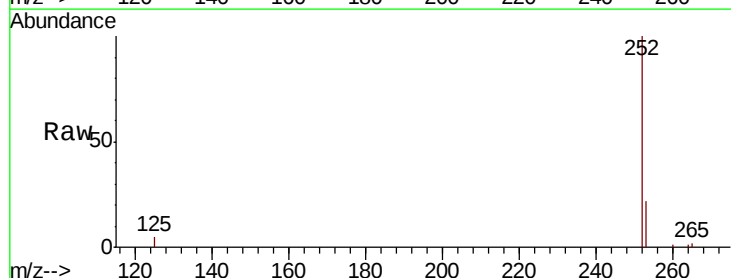
Tgt Ion:252 Resp: 28528

Ion Ratio Lower Upper

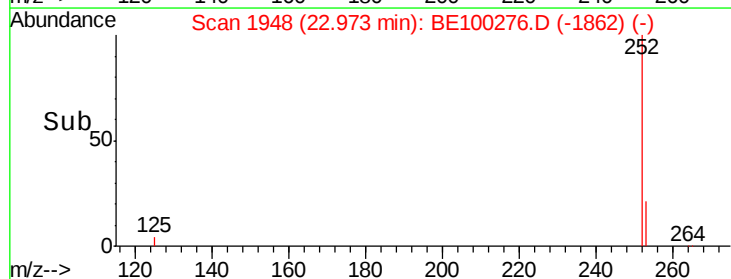
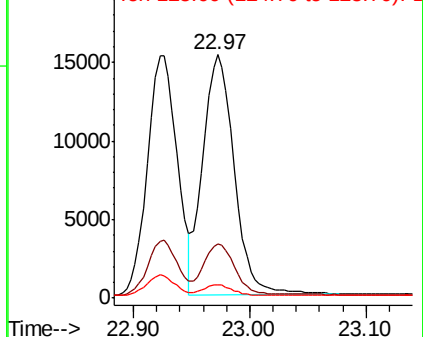
252 100

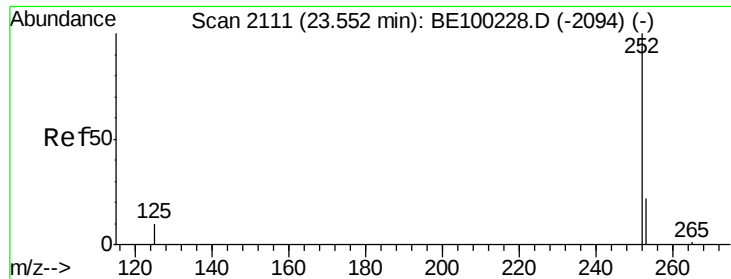
253 22.4 17.9 26.9

125 5.3 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

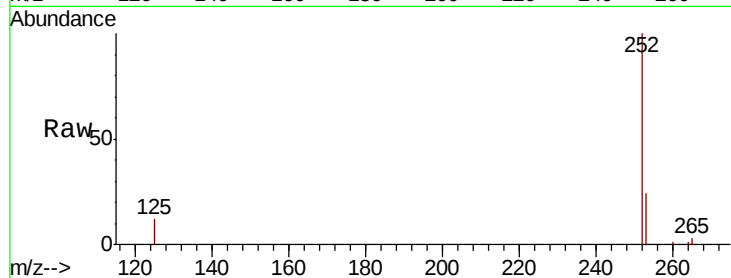
Tgt Ion: 252 Resp: 26610

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

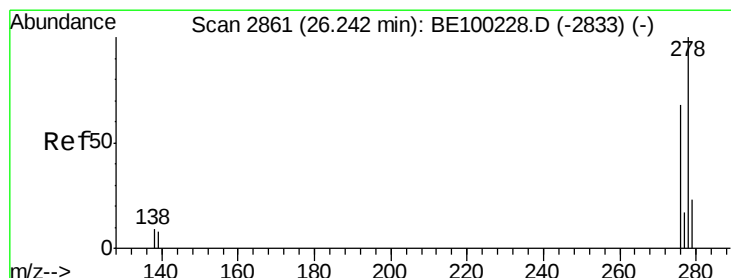
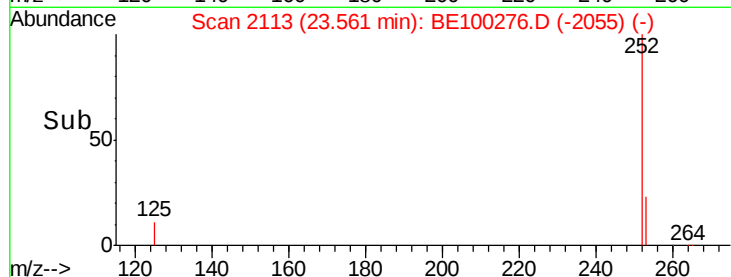
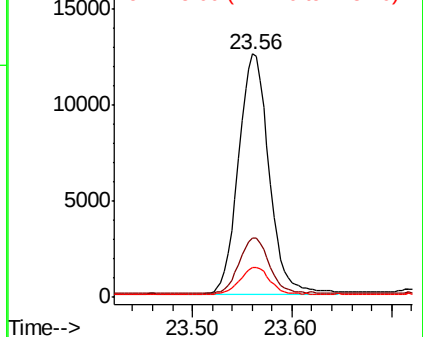
125 12.4 9.0 13.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.424 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100276.D

Acq: 1 Jul 2019 21:30

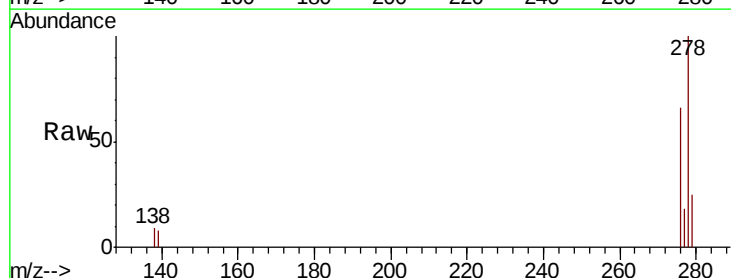
Tgt Ion: 278 Resp: 28205

Ion Ratio Lower Upper

278 100

139 8.2 8.2 12.2

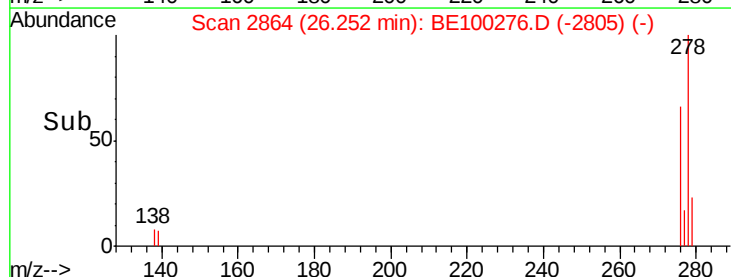
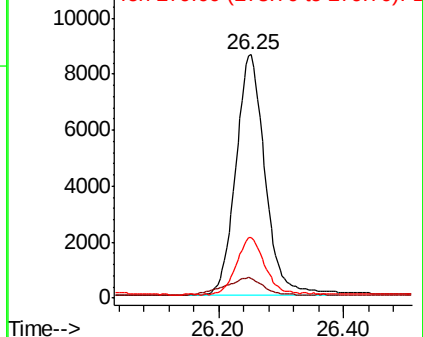
279 24.9 20.3 30.5

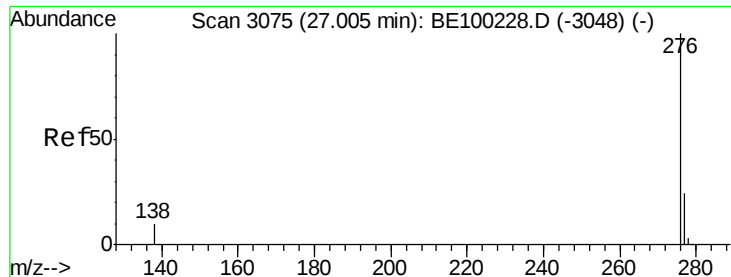


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.419 ng

RT: 27.02 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BE100276.D

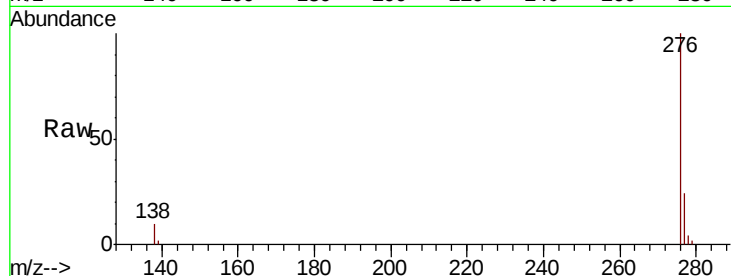
Acq: 1 Jul 2019 21:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 28655

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 10.1 9.0 13.6

