

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100231.D
 Acq On : 28 Jun 2019 12:13
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jun 28 13:01:21 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 12:13:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	569	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	1977	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1575	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	4860	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7239	0.40	ng	0.00
34) Perylene-d12	23.66	264	8494	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	4680	3.70	ng	0.00
5) Phenol-d6	6.81	99	6515	3.74	ng	-0.02
8) Nitrobenzene-d5	8.80	82	7061	3.59	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	11963	3.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	4022	4.41	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	19260	3.05	ng	-0.01
25) Fluoranthene-d10	19.09	212	225830	3.22	ng	0.00
29) Terphenyl-d14	19.69	244	48450	3.41	ng	0.00

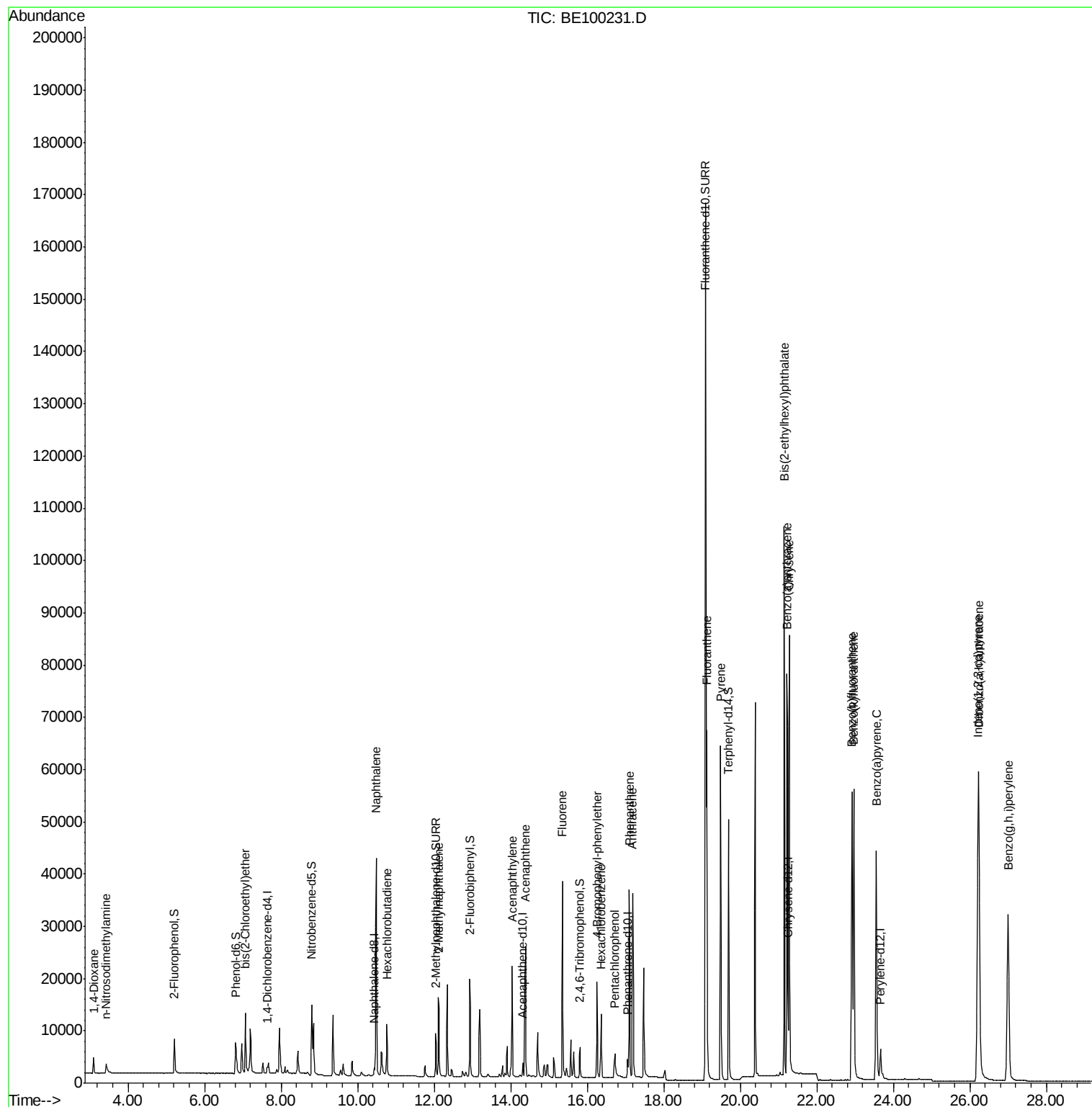
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	2485	2.791	ng	96
3) n-Nitrosodimethylamine	3.43	42	1630	4.947	ng	# 82
6) bis(2-Chloroethyl)ether	7.07	93	5646	3.544	ng	# 75
9) Naphthalene	10.48	128	69350	3.214	ng	# 97
10) Hexachlorobutadiene	10.76	225	6709	3.011	ng	97
12) 2-Methylnaphthalene	12.11	142	12095	3.482	ng	96
16) Acenaphthylene	14.04	152	24654	3.210	ng	99
17) Acenaphthene	14.38	154	13848	3.217	ng	99
18) Fluorene	15.35	166	20814	3.344	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	10005	3.317	ng	90
21) Hexachlorobenzene	16.36	284	10150	3.067	ng	96
22) Pentachlorophenol	16.72	266	3666	4.709	ng	90
23) Phenanthrene	17.09	178	38686	3.361	ng	99
24) Anthracene	17.19	178	36937	3.799	ng	100
26) Fluoranthene	19.12	202	60810	3.247	ng	100
28) Pyrene	19.49	202	62380	3.365	ng	100
30) Benzo(a)anthracene	21.22	228	78577	3.682	ng	98
31) Chrysene	21.28	228	76483	3.055	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	108645	4.429	ng	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	99580	2.794	ng	99
35) Benzo(b)fluoranthene	22.92	252	78474	3.435	ng	# 94
36) Benzo(k)fluoranthene	22.97	252	83556	3.057	ng	# 99
37) Benzo(a)pyrene	23.55	252	75848	3.204	ng	# 92
38) Dibenzo(a,h)anthracene	26.23	278	81683	3.226	ng	# 95
39) Benzo(g,h,i)perylene	27.00	276	81259	3.074	ng	97

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

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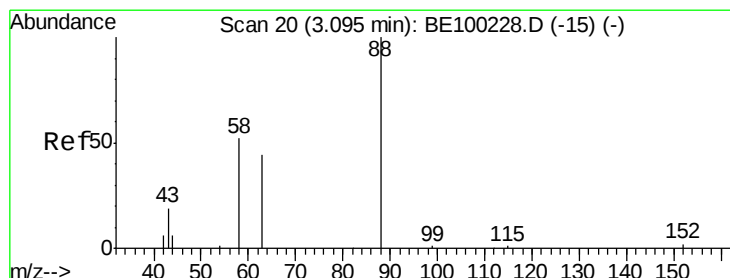
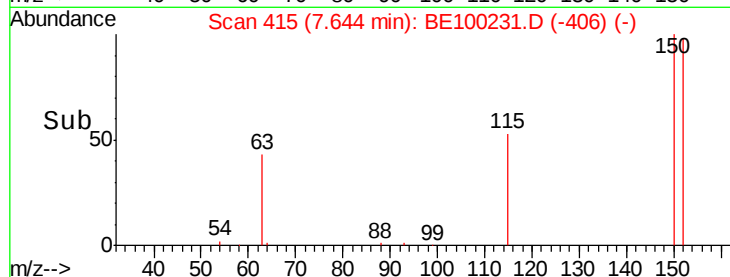
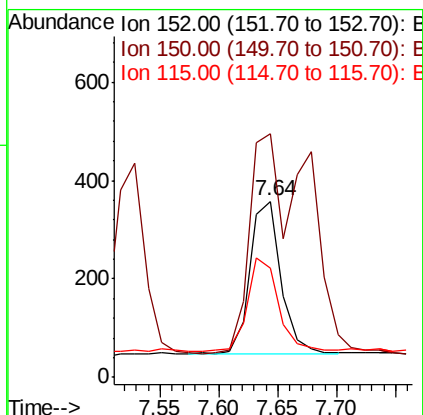
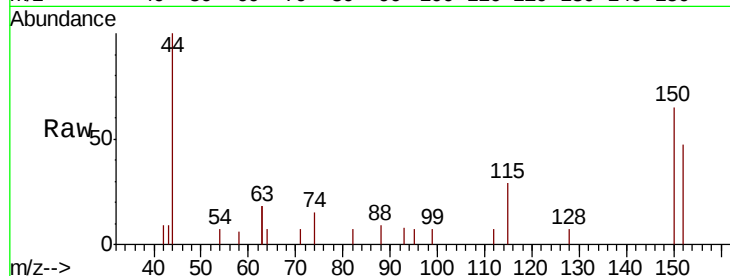


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

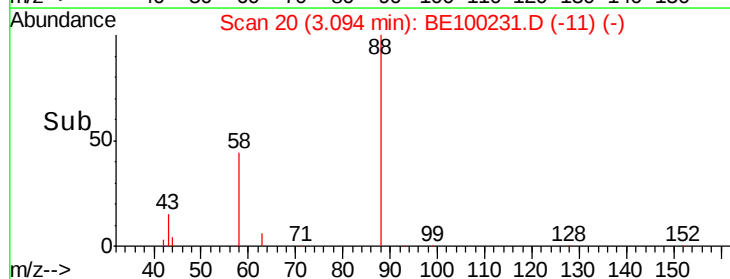
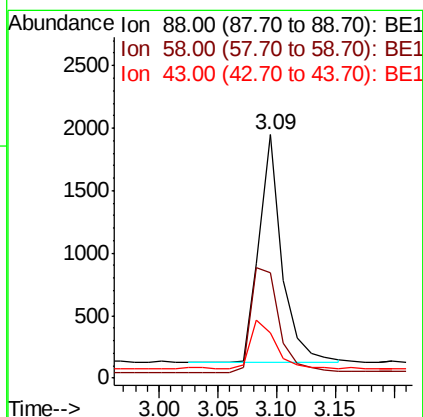
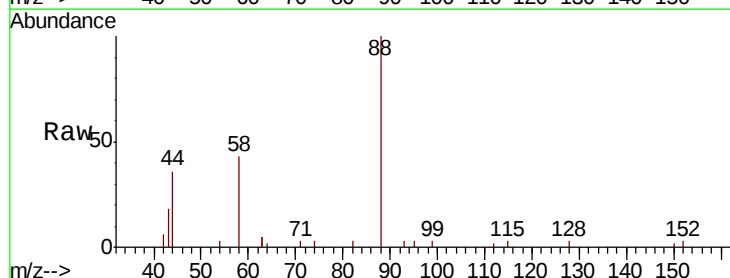
Tot Ion:152 Resp: 569
Ion Ratio Lower Upper
152 100
150 138.3 114.5 171.7
115 62.0 57.1 85.7



#2

1,4-Dioxane
Concen: 2.791 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion: 88 Resp: 2485
Ion Ratio Lower Upper
88 100
58 56.9 43.6 65.4
43 24.0 21.4 32.0





#3

n-Nitrosodimethylamine

Concen: 4.947 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.03 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

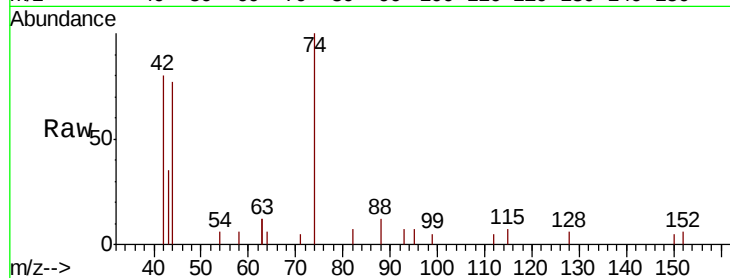
Tot Ion: 42 Resp: 1630

Ion Ratio Lower Upper

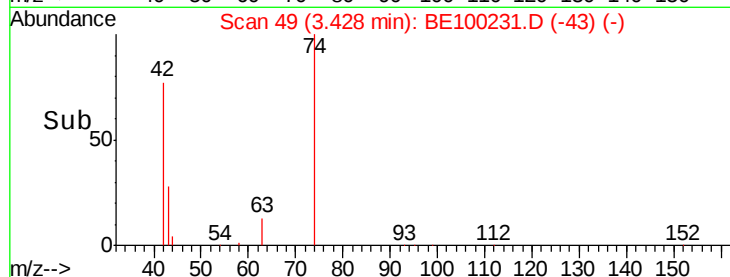
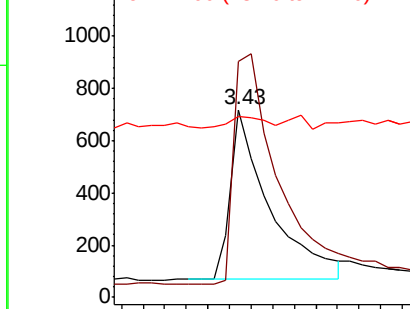
42 100

74 156.3 130.6 196.0

44 6.2 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: 3.699 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

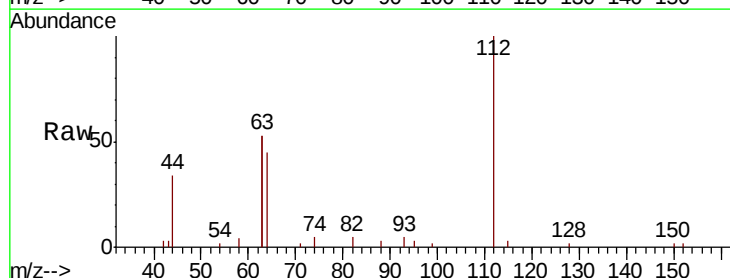
Tgt Ion: 112 Resp: 4680

Ion Ratio Lower Upper

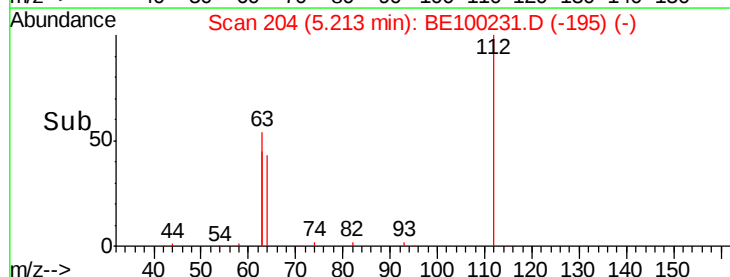
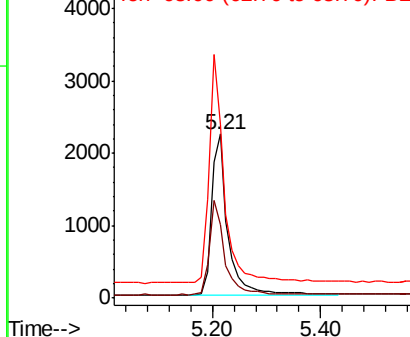
112 100

64 54.3 39.4 59.0

63 129.7 104.5 156.7



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: 3.744 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

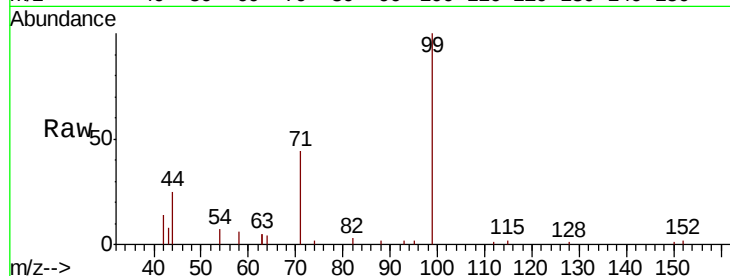
Tot Ion: 99 Resp: 6515

Ion Ratio Lower Upper

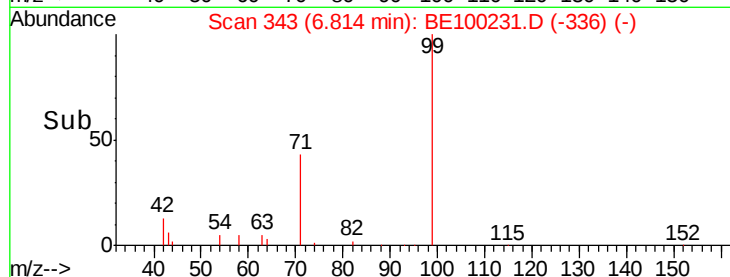
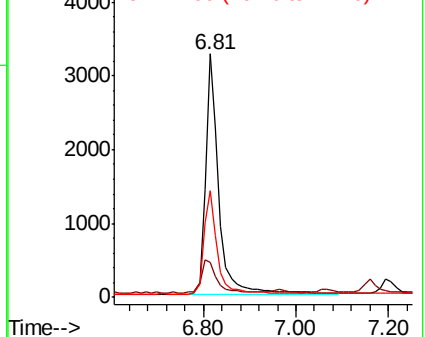
99 100

42 15.8 11.2 16.8

71 42.5 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: 3.544 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

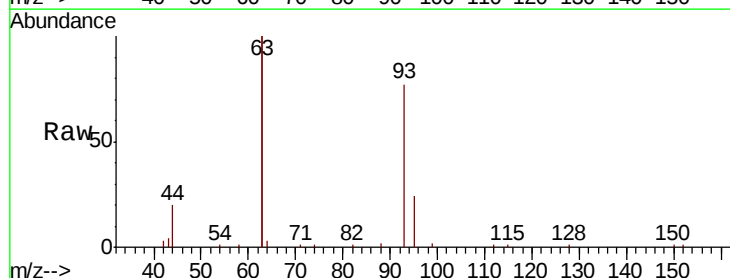
Tgt Ion: 93 Resp: 5646

Ion Ratio Lower Upper

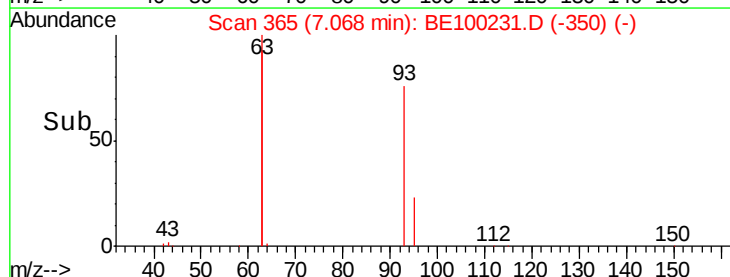
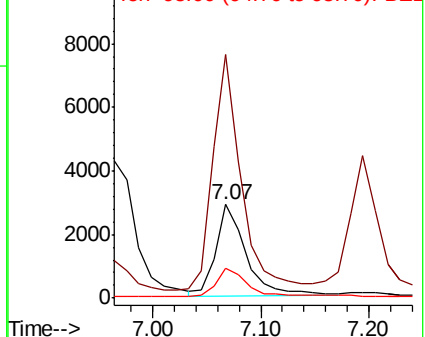
93 100

63 235.8 155.6 233.4#

95 31.2 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: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 1977

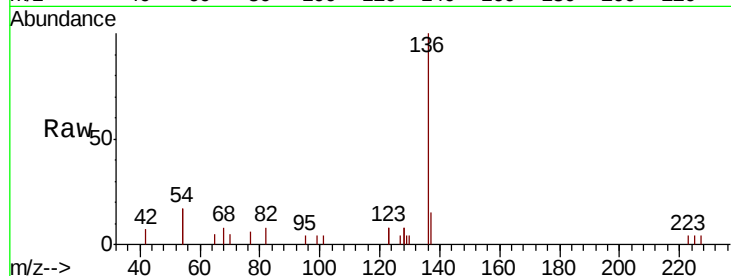
Ion Ratio Lower Upper

136 100

137 15.0 11.8 17.8

54 33.3 27.7 41.5

68 8.0 6.8 10.2

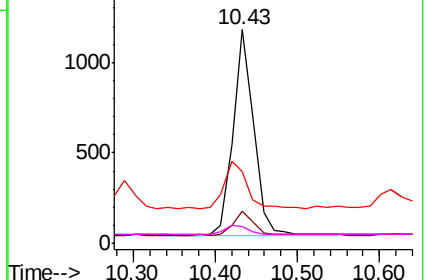
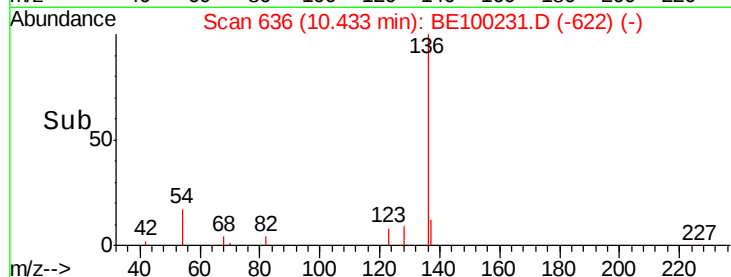


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 3.589 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

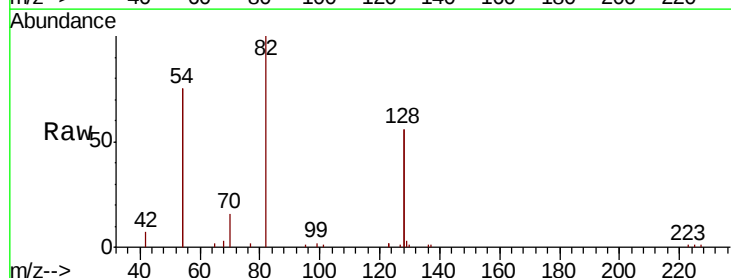
Tgt Ion: 82 Resp: 7061

Ion Ratio Lower Upper

82 100

128 111.4 140.9 211.3#

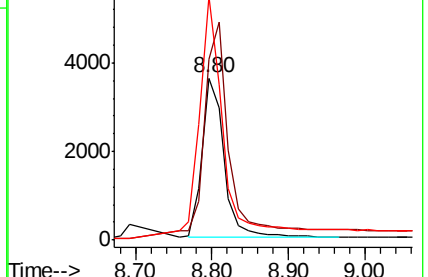
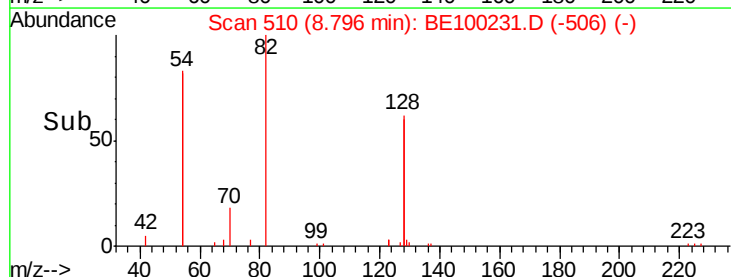
54 150.4 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.214 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

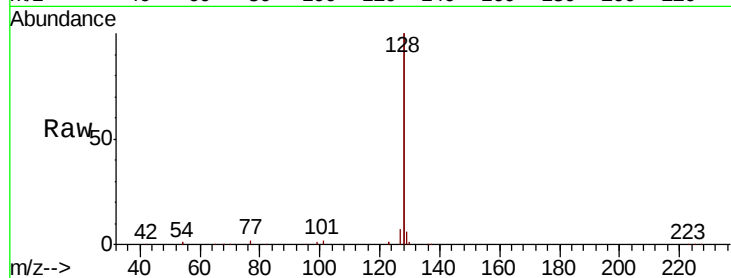
Tot Ion:128 Resp: 69350

Ion Ratio Lower Upper

128 100

129 2.8 3.0 4.6#

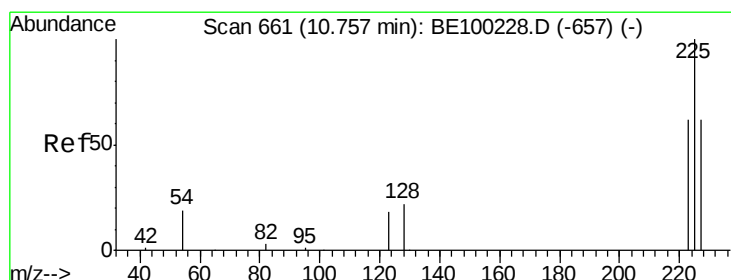
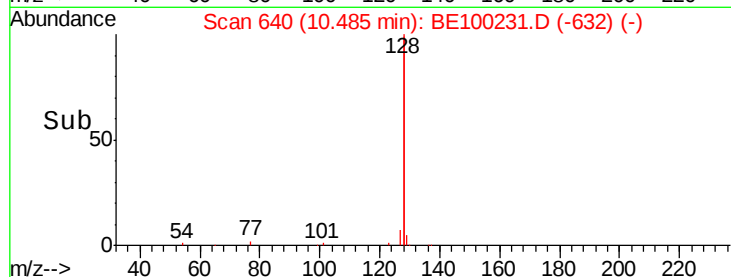
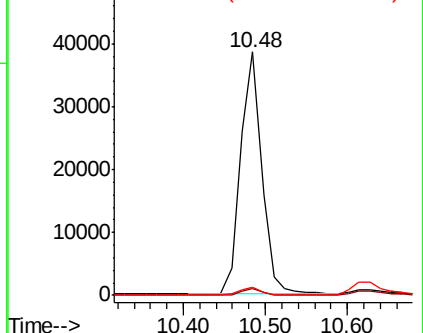
127 3.4 3.5 5.3#



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: 3.011 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

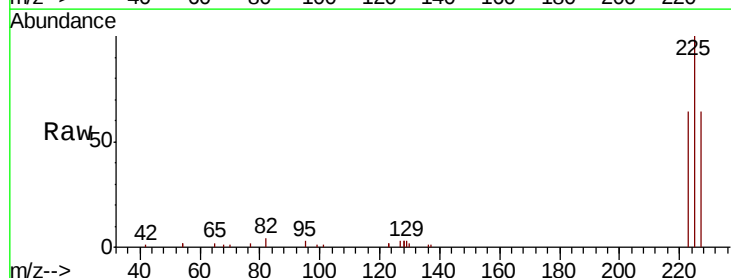
Tgt Ion:225 Resp: 6709

Ion Ratio Lower Upper

225 100

223 62.7 49.1 73.7

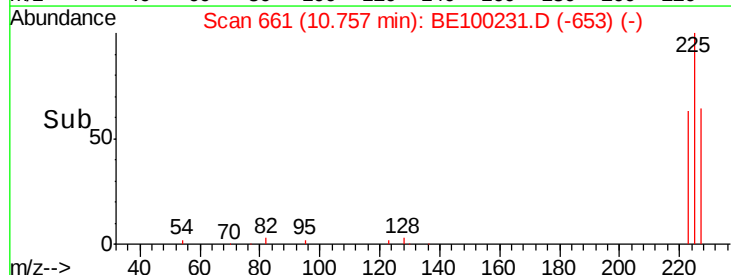
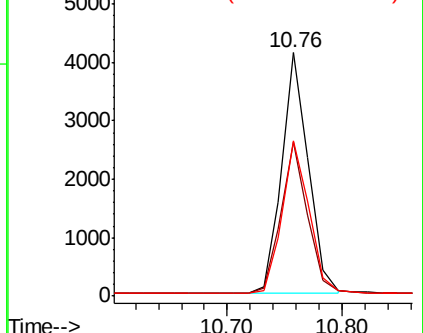
227 64.2 49.3 73.9

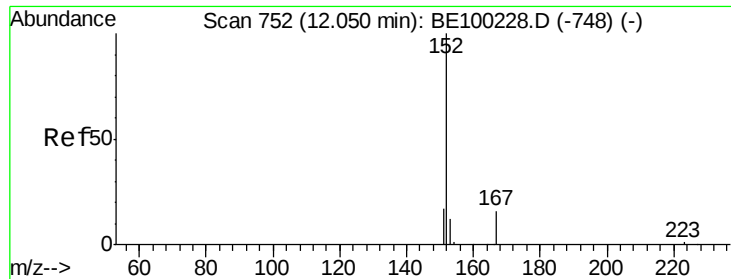


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

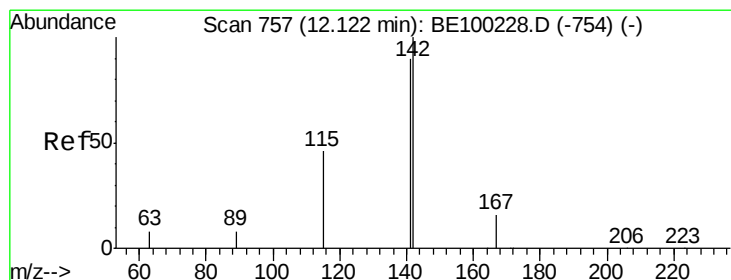
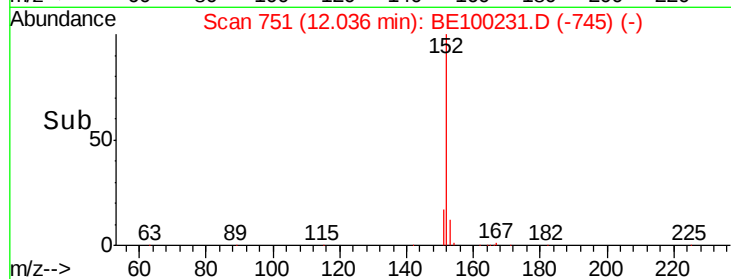
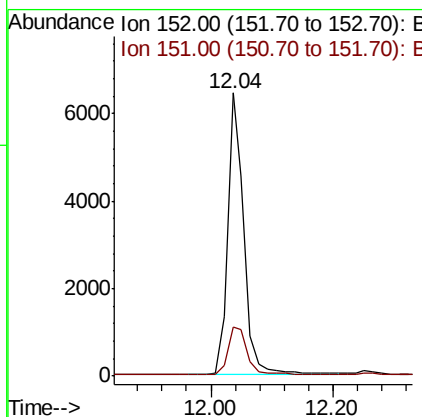
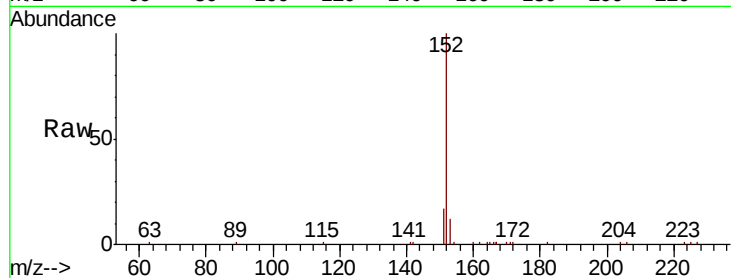




#11
2-Methylnaphthalene-d10
Concen: 3.227 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

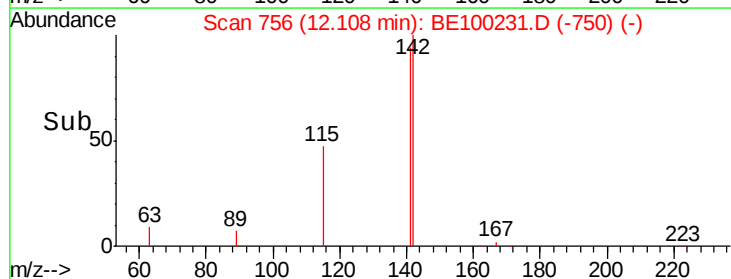
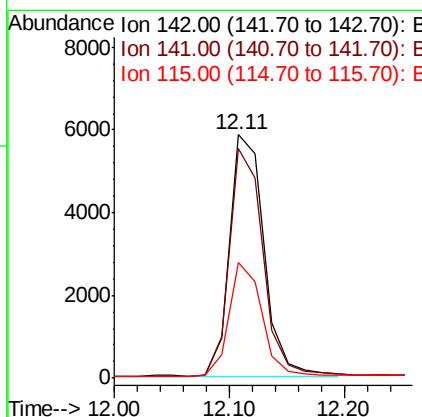
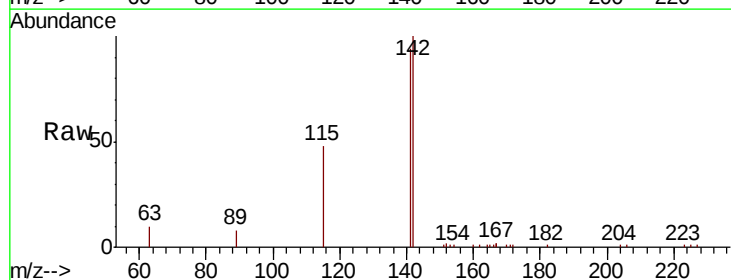
Instrument :
BNA_E
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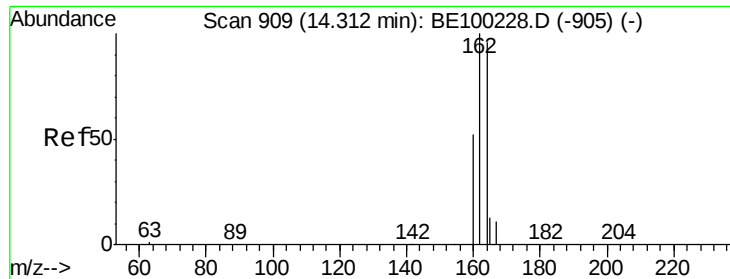
Tot Ion:152 Resp: 11963
Ion Ratio Lower Upper
152 100
151 19.7 15.1 22.7



#12
2-Methylnaphthalene
Concen: 3.482 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:142 Resp: 12095
Ion Ratio Lower Upper
142 100
141 94.3 72.4 108.6
115 47.7 40.4 60.6

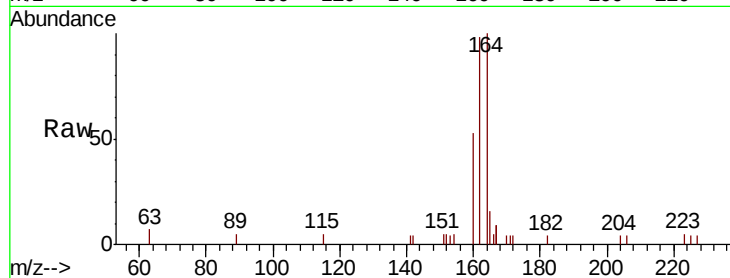




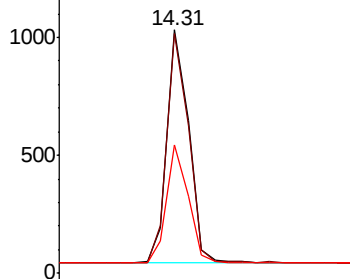
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

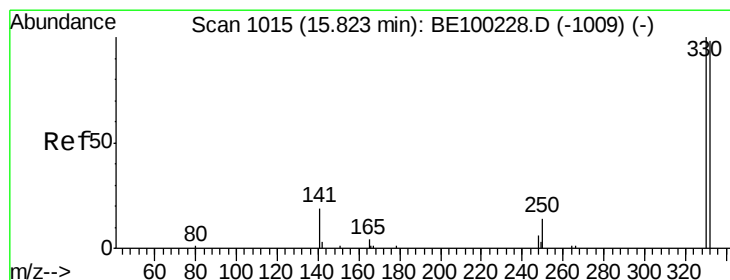
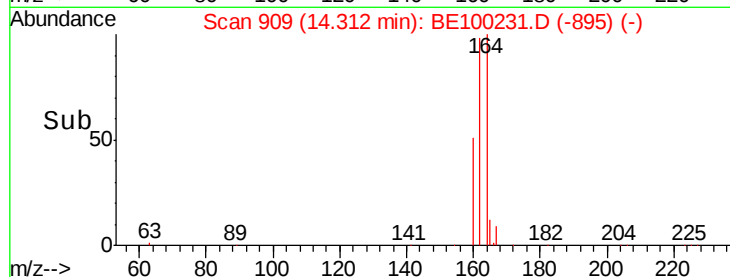
Tot Ion:164 Resp: 1575
Ion Ratio Lower Upper
164 100
162 98.4 83.4 125.0
160 52.8 45.0 67.6



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

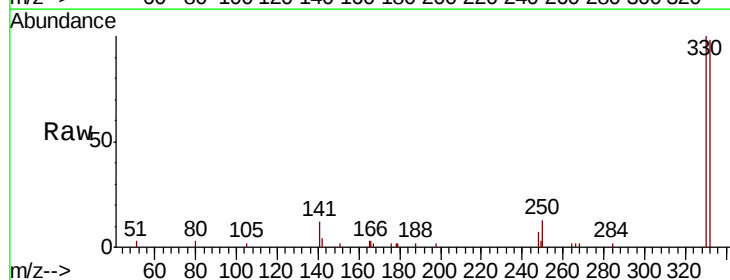


Time--> 14.20 14.30 14.40

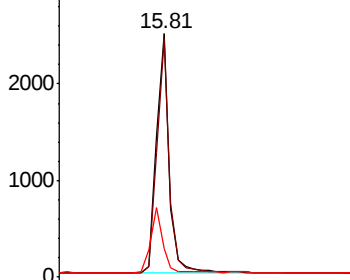


#14
2,4,6-Tribromophenol
Concen: 4.410 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

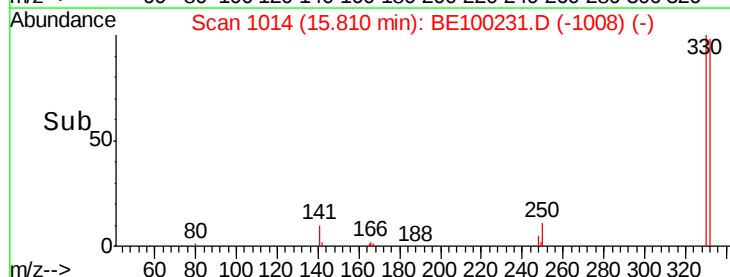
Tgt Ion:330 Resp: 4022
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 25.5 22.0 33.0



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



Time--> 15.80 16.00

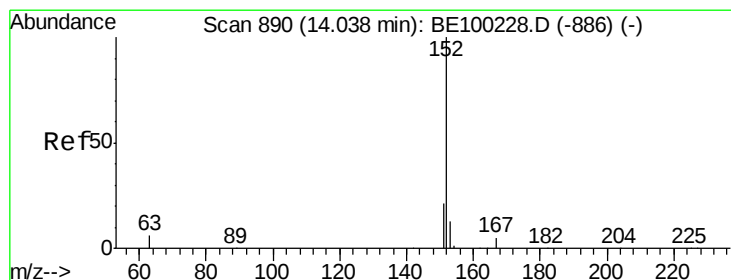
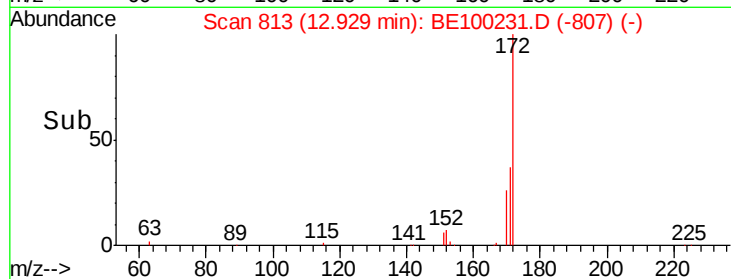
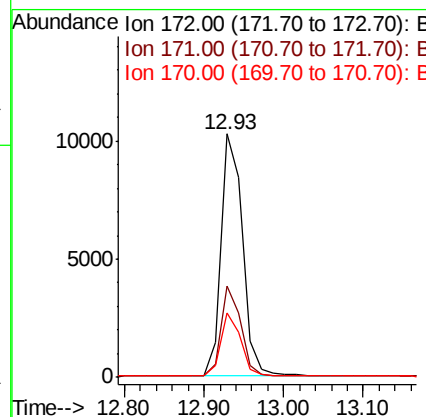
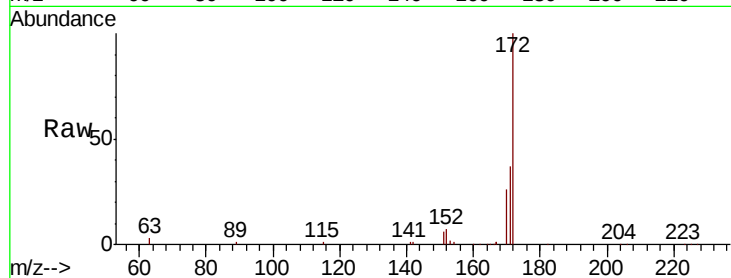




#15
2-Fluorobiphenyl
Concen: 3.049 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

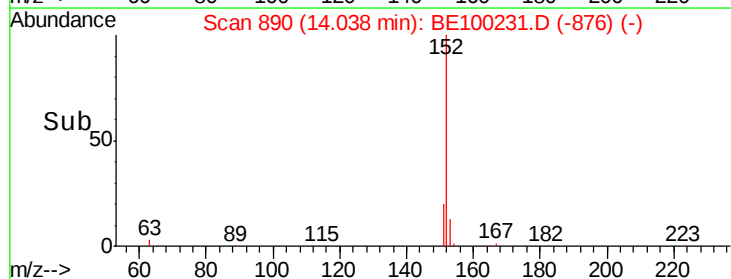
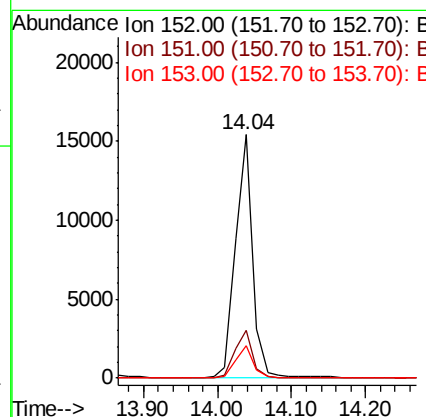
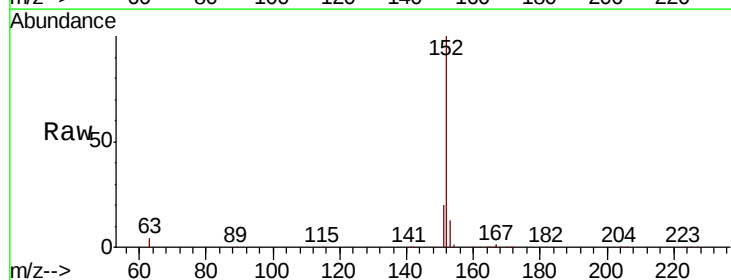
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:172 Resp: 19260
Ion Ratio Lower Upper
172 100
171 37.4 31.9 47.9
170 26.4 22.2 33.2



#16
Acenaphthylene
Concen: 3.210 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:152 Resp: 24654
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0
153 13.1 10.5 15.7

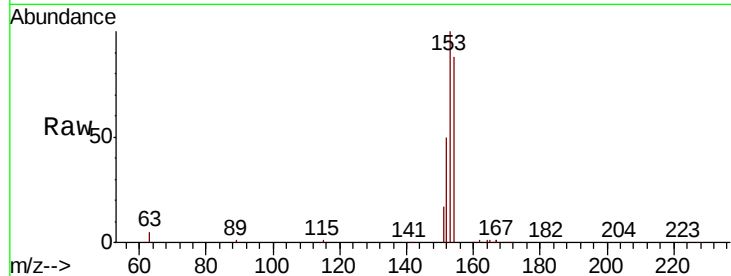




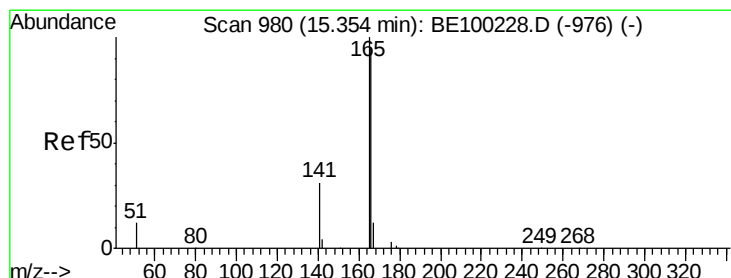
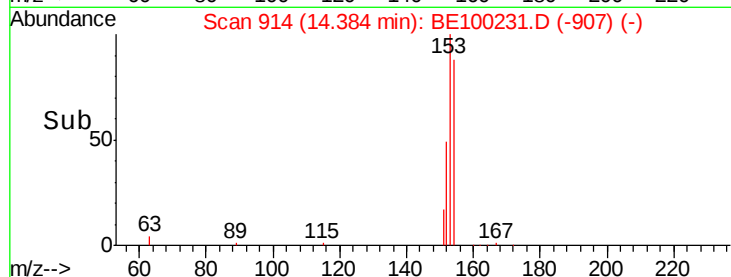
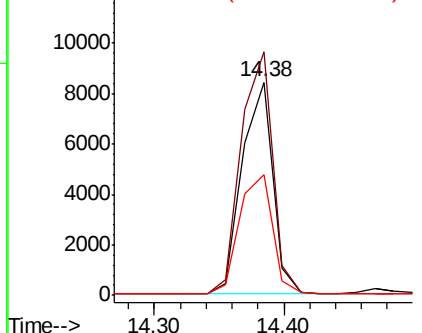
#17
Acenaphthene
Concen: 3.217 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:154 Resp: 13848
Ion Ratio Lower Upper
154 100
153 117.8 93.4 140.2
152 60.7 49.4 74.2

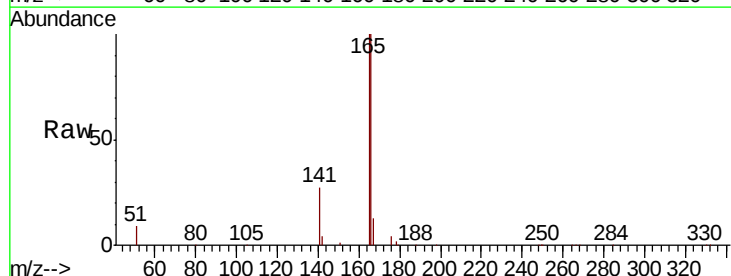


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

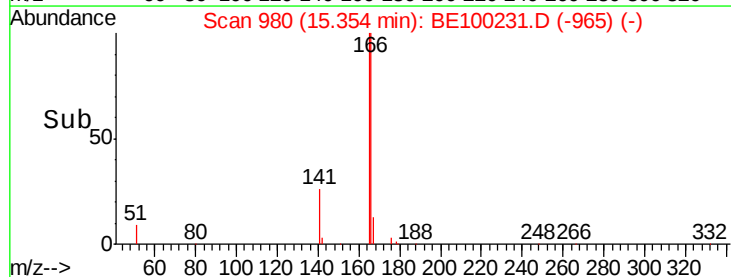
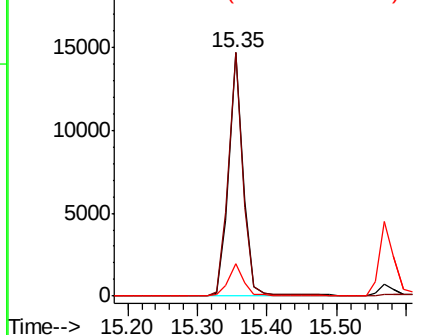


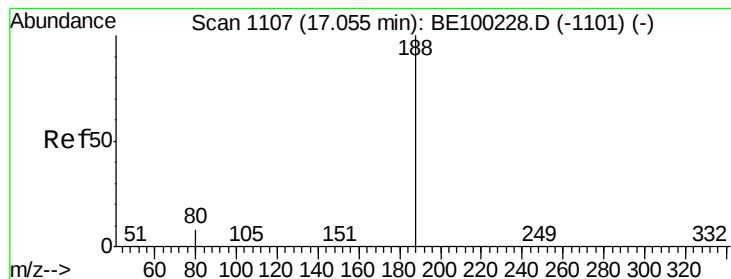
#18
Fluorene
Concen: 3.344 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion:166 Resp: 20814
Ion Ratio Lower Upper
166 100
165 100.3 81.1 121.7
167 13.3 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: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

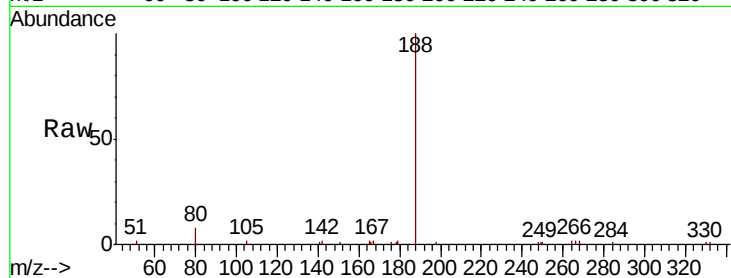
Tot Ion:188 Resp: 4860

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

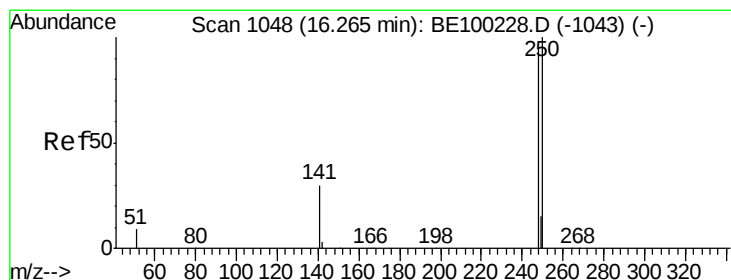
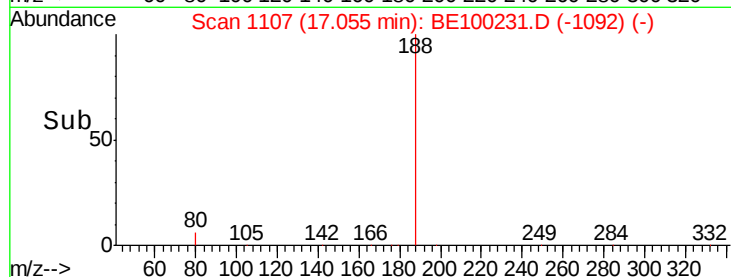
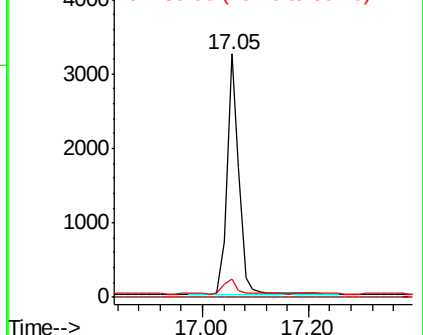
80 7.7 7.6 11.4



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: 3.317 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

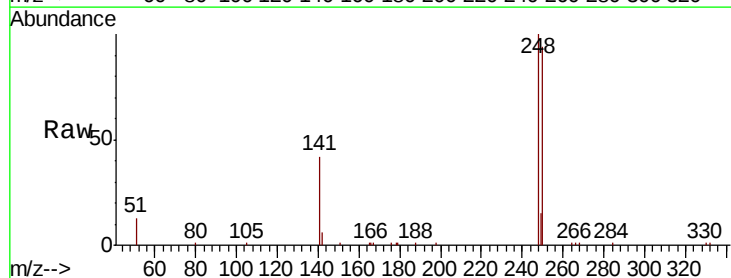
Tgt Ion:248 Resp: 10005

Ion Ratio Lower Upper

248 100

250 94.3 84.2 126.4

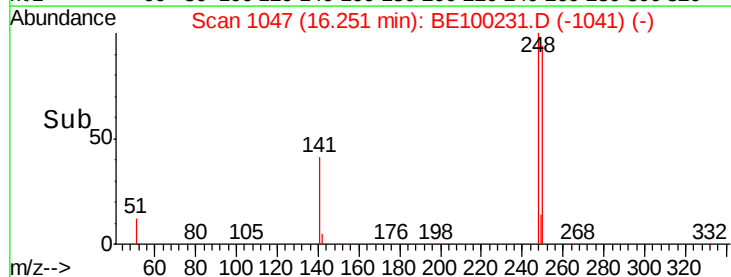
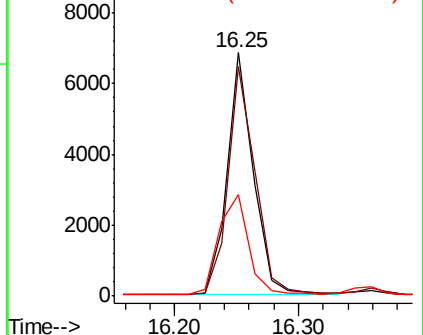
141 41.8 29.3 43.9

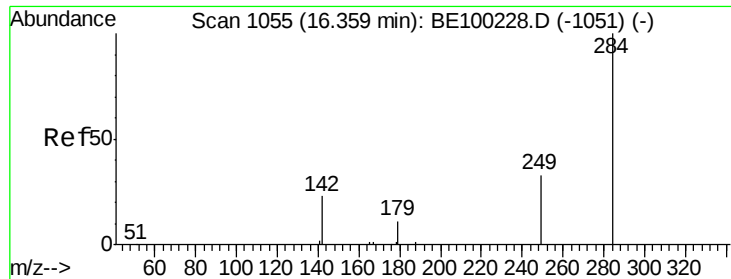


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

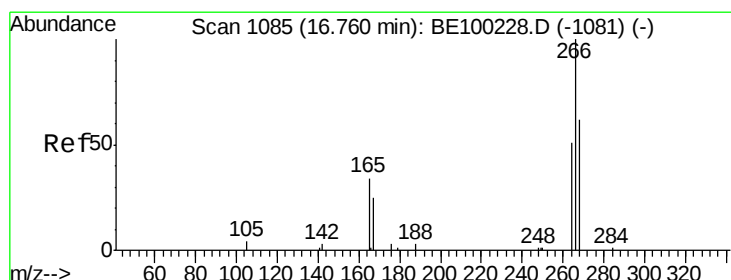
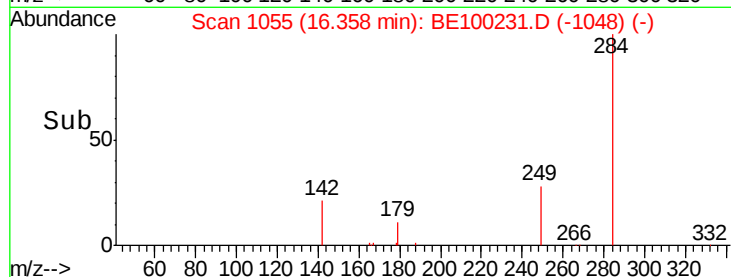
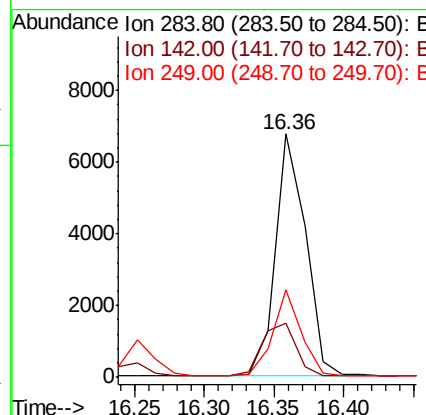
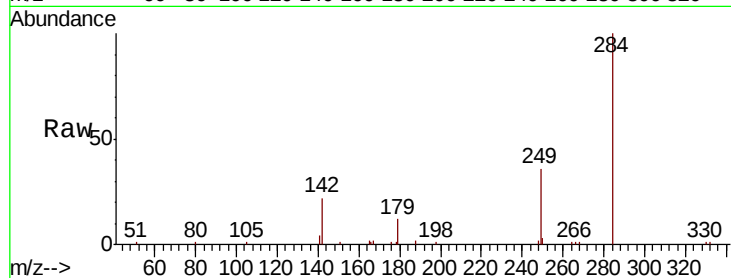




#21
Hexachlorobenzene
Concen: 3.067 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

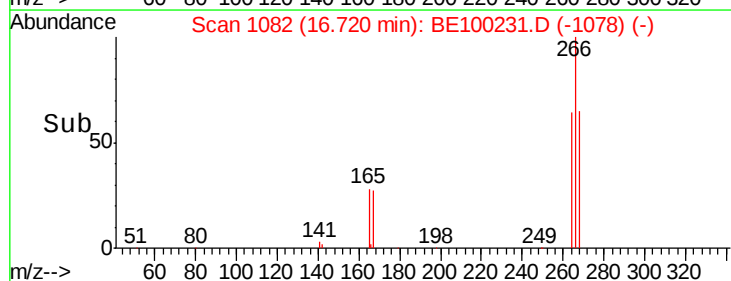
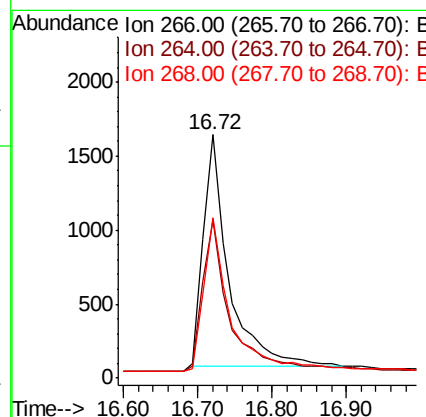
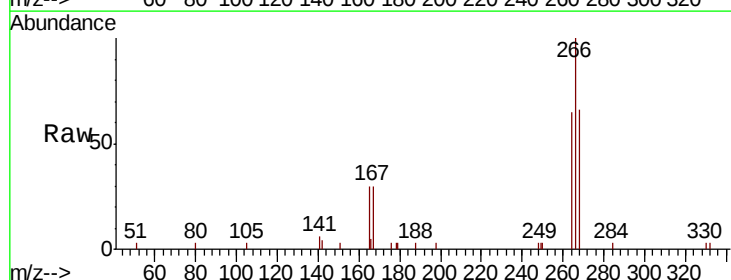
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

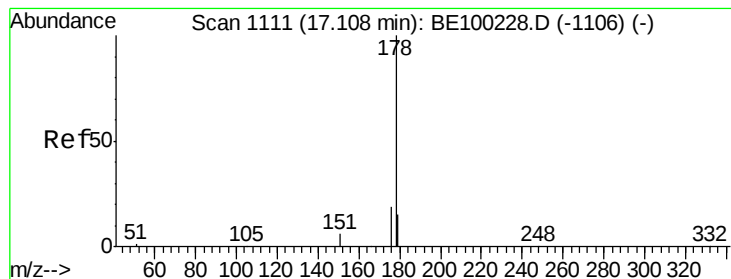
Tot Ion	Ratio	Lower	Upper
284	100		
142	24.4	18.8	28.2
249	32.7	23.7	35.5



#22
Pentachlorophenol
Concen: 4.709 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100231.D
Acq: 28 Jun 2019 12:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.7	56.2	84.2
268	65.7	61.8	92.6





#23

Phenanthrene

Concen: 3.361 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

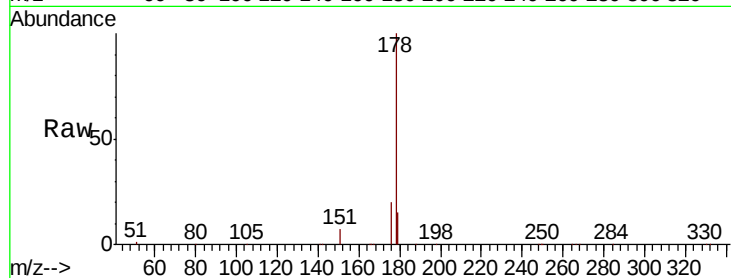
Tot Ion:178 Resp: 38686

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

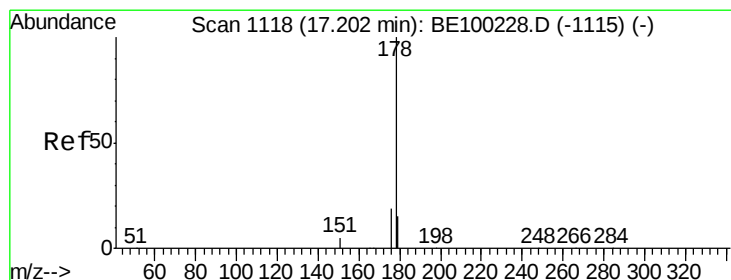
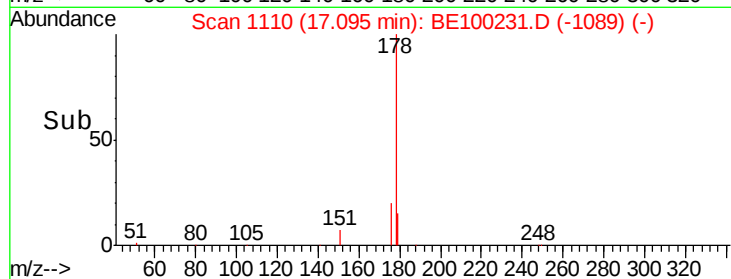
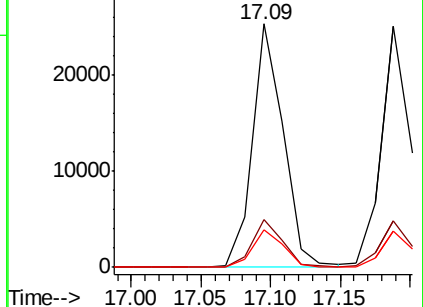
179 15.3 12.2 18.2



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: 3.799 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

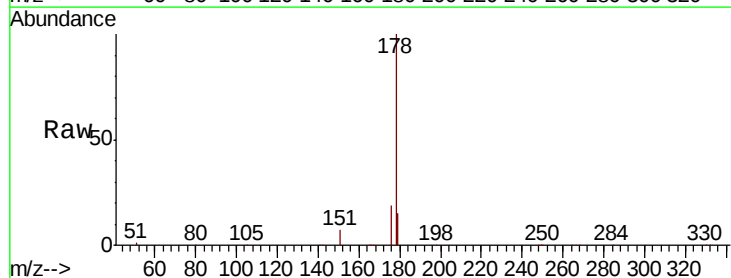
Tgt Ion:178 Resp: 36937

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

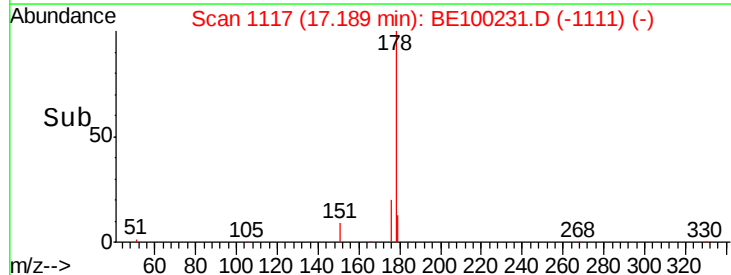
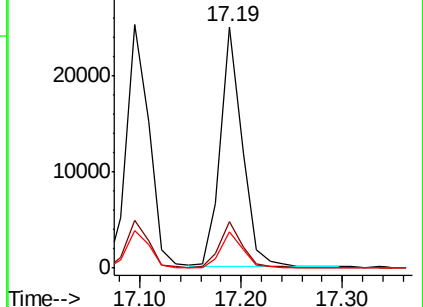
179 15.3 12.2 18.2

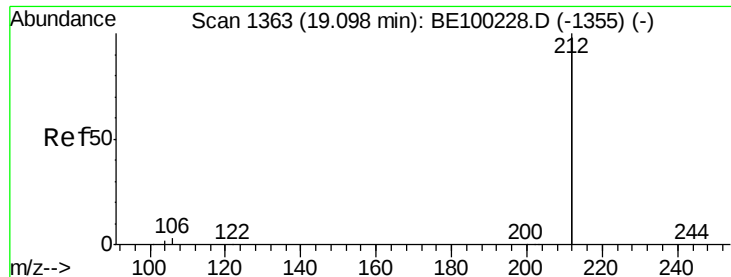


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.224 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

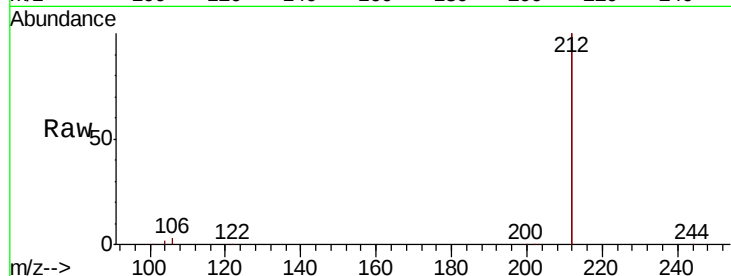
Tot Ion:212 Resp: 225830

Ion Ratio Lower Upper

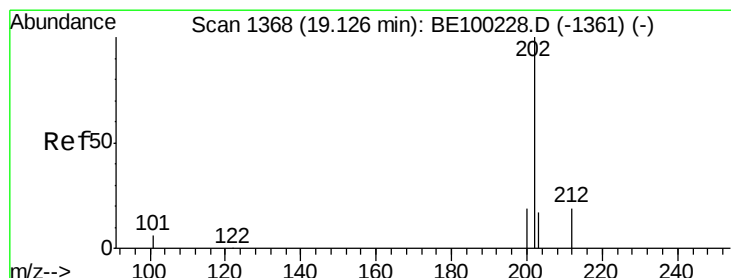
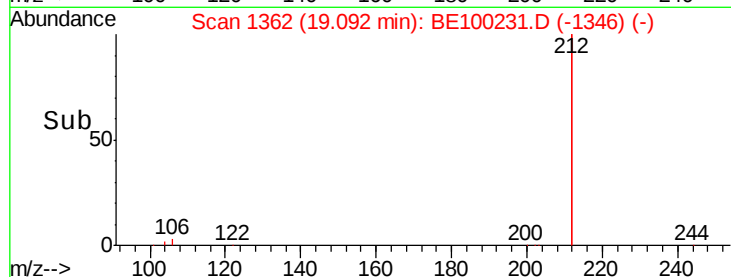
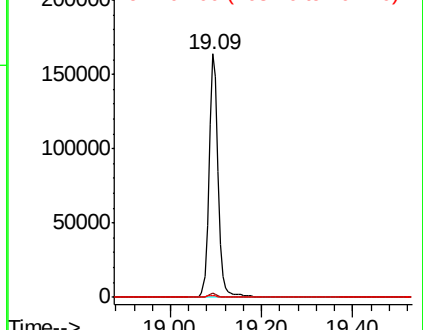
212 100

106 1.6 1.3 1.9

104 0.9 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: 3.247 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

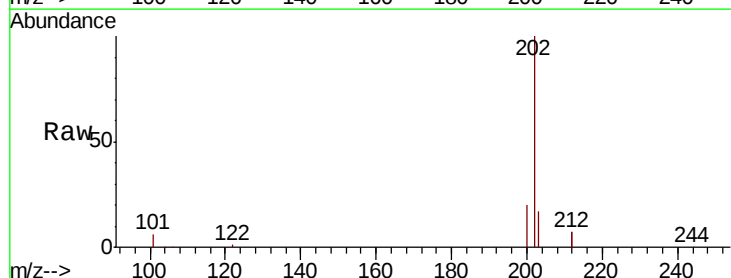
Tgt Ion:202 Resp: 60810

Ion Ratio Lower Upper

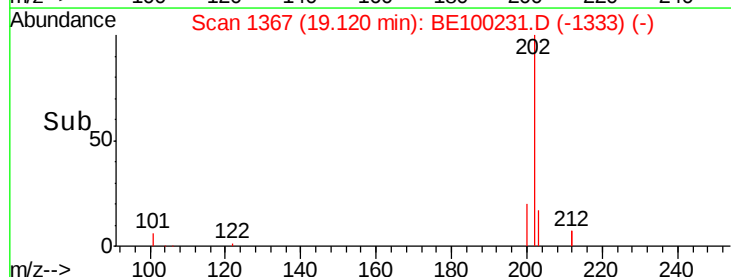
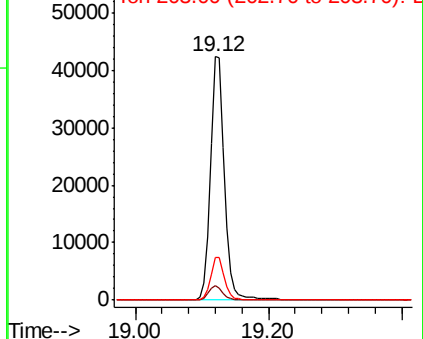
202 100

101 5.8 4.6 7.0

203 17.2 13.7 20.5



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

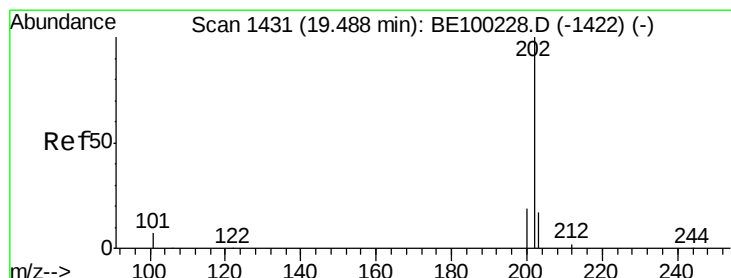
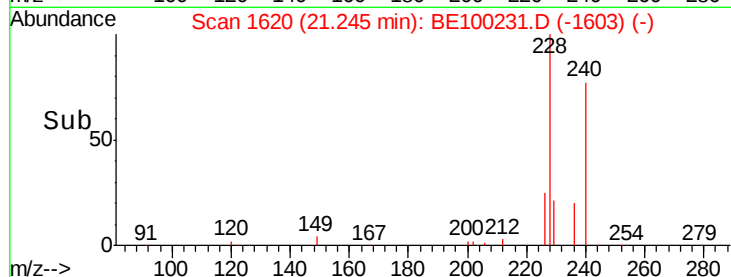
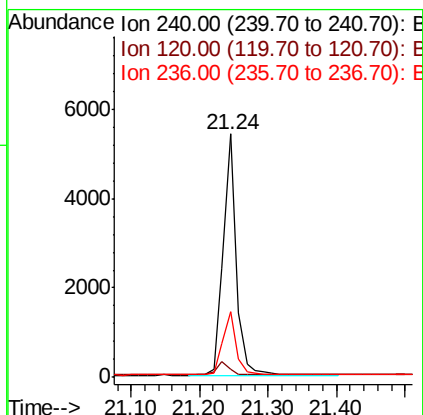
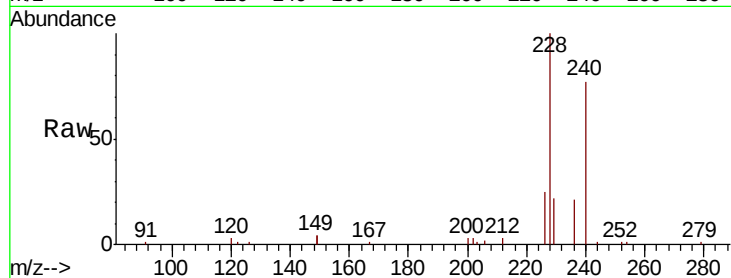




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BE100231.D
 Acq: 28 Jun 2019 12:13

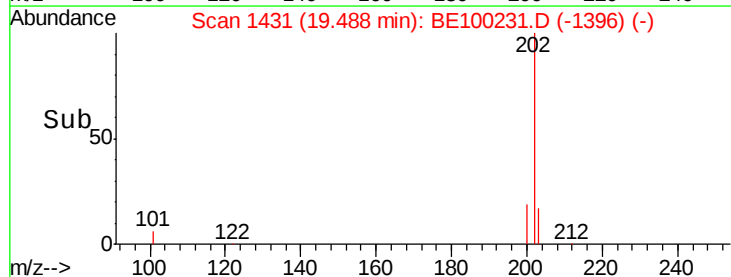
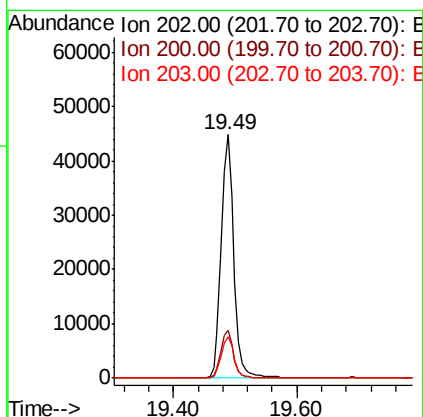
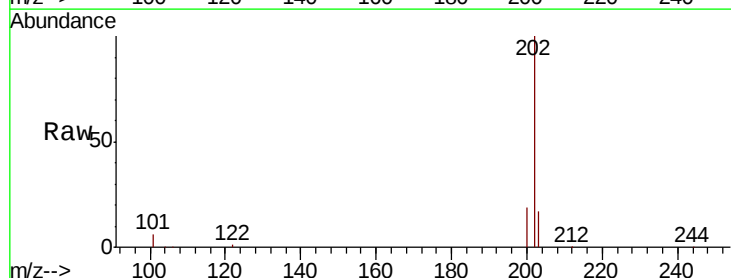
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:240 Resp: 7239
 Ion Ratio Lower Upper
 240 100
 120 3.4 3.3 4.9
 236 26.9 22.6 34.0



#28
 Pyrene
 Concen: 3.365 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BE100231.D
 Acq: 28 Jun 2019 12:13

Tgt Ion:202 Resp: 62380
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.6 23.4
 203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 3.408 ng

RT: 19.69 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

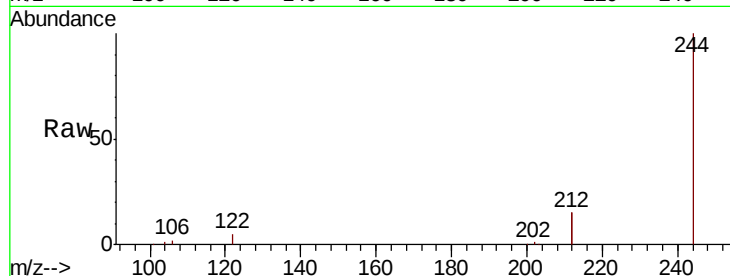
Tot Ion:244 Resp: 48450

Ion Ratio Lower Upper

244 100

212 29.9 27.3 40.9

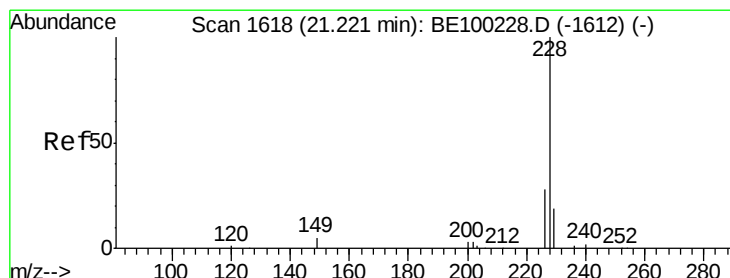
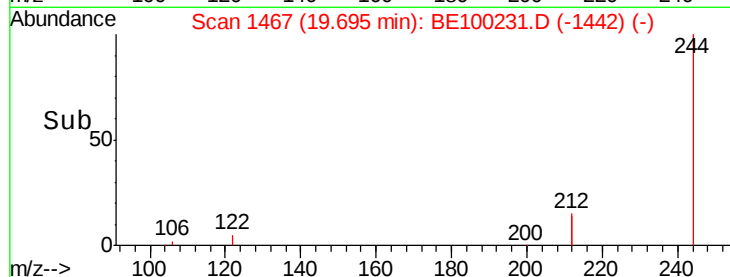
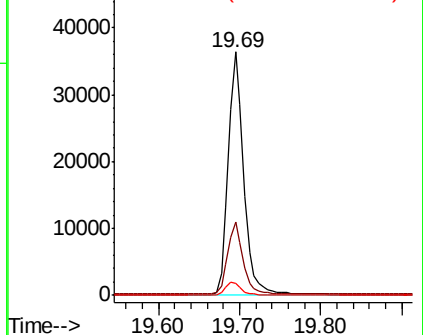
122 5.1 4.7 7.1



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: 3.682 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

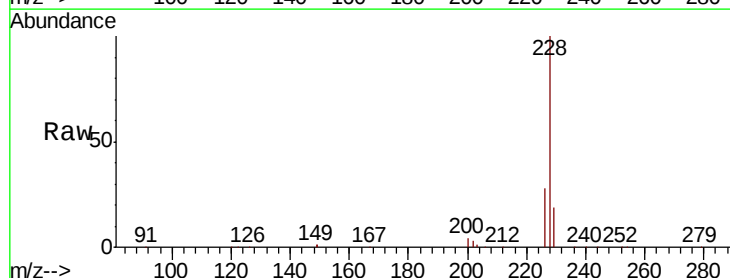
Tgt Ion:228 Resp: 78577

Ion Ratio Lower Upper

228 100

226 28.2 23.2 34.8

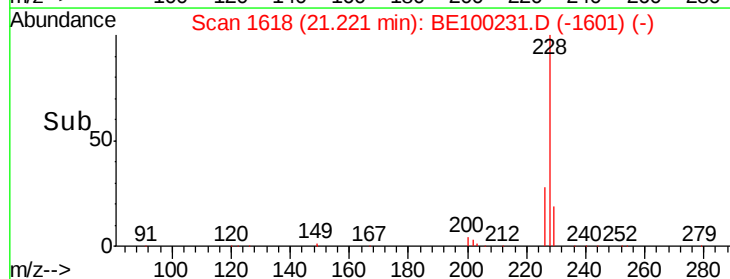
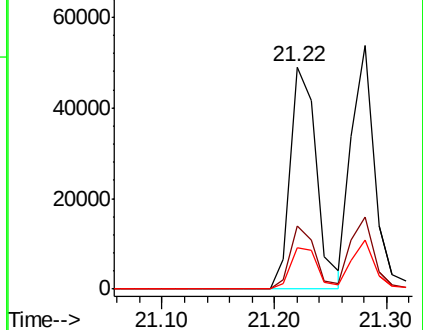
229 18.8 15.7 23.5

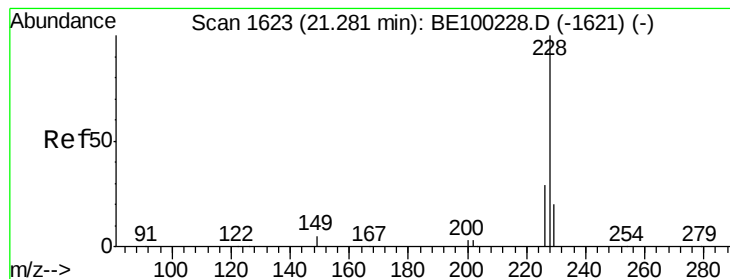


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.055 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

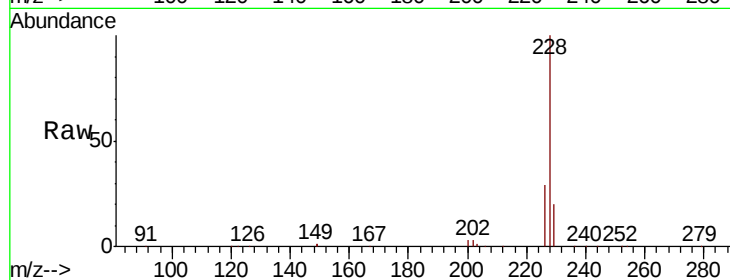
Tot Ion:228 Resp: 76483

Ion Ratio Lower Upper

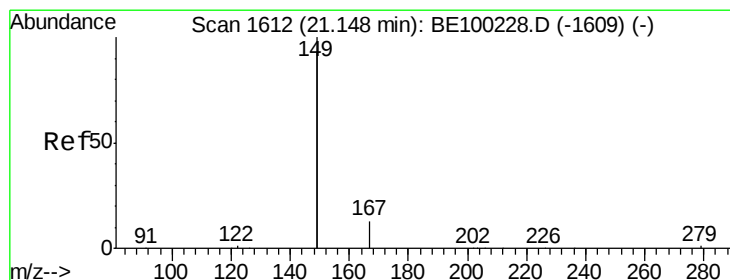
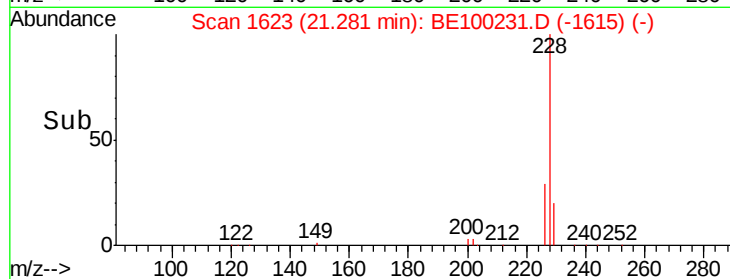
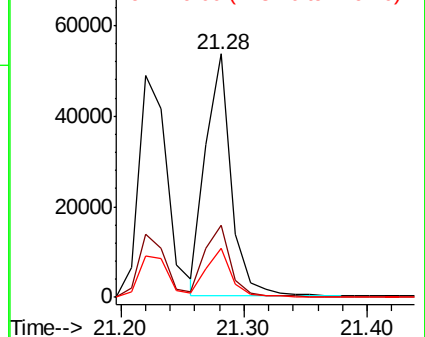
228 100

226 29.5 23.9 35.9

229 20.0 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: 4.429 ng

RT: 21.15 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

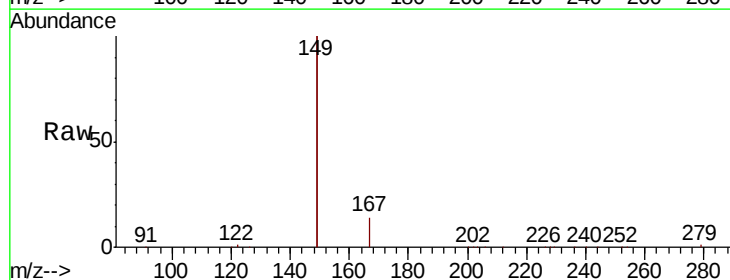
Tgt Ion:149 Resp: 108645

Ion Ratio Lower Upper

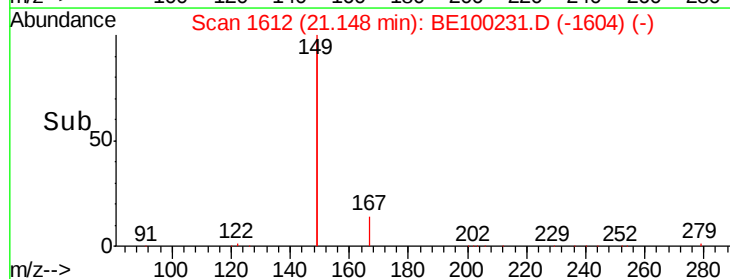
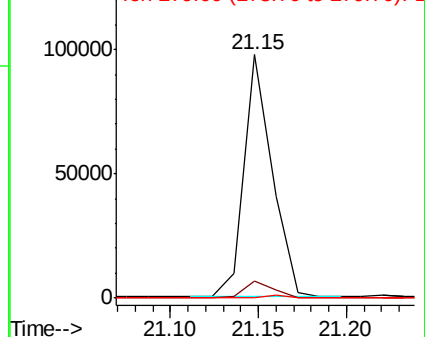
149 100

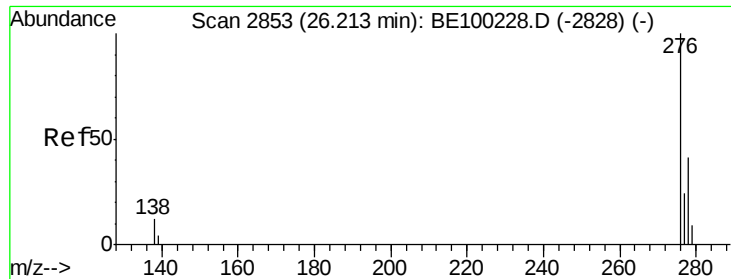
167 7.3 5.8 8.8

279 1.4 1.1 1.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.794 ng

RT: 26.21 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

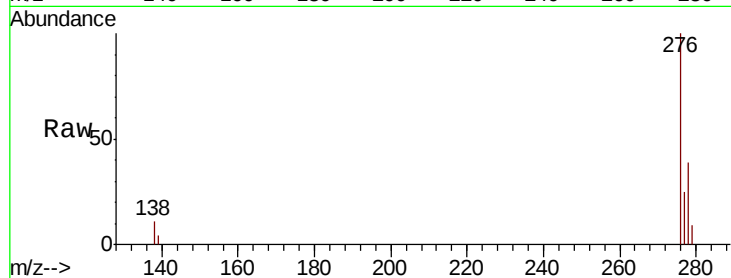
Tot Ion:276 Resp: 99580

Ion Ratio Lower Upper

276 100

138 11.6 9.4 14.0

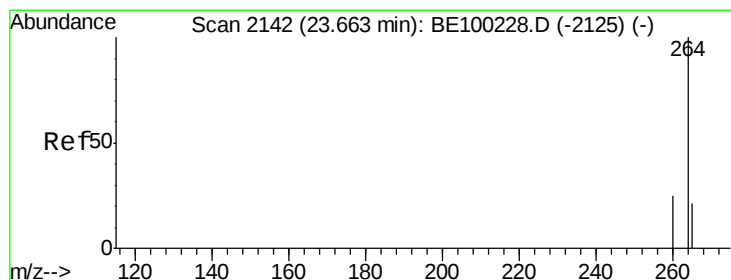
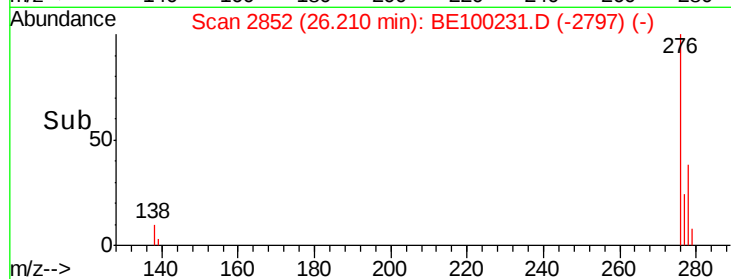
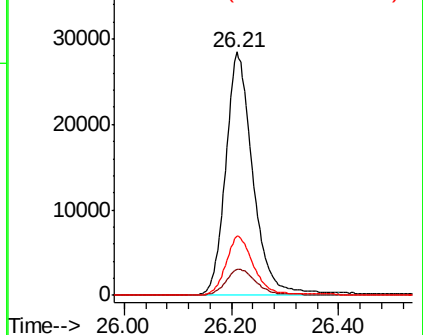
277 24.7 19.2 28.8



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: 23.66 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

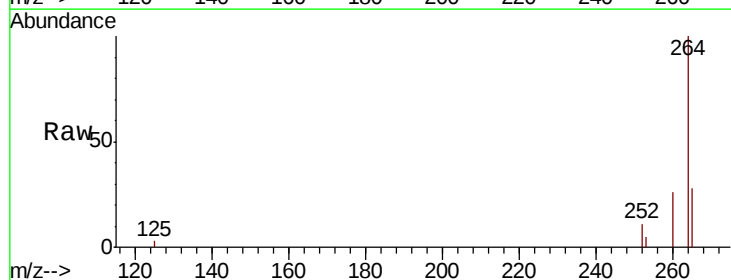
Tgt Ion:264 Resp: 8494

Ion Ratio Lower Upper

264 100

260 26.1 20.8 31.2

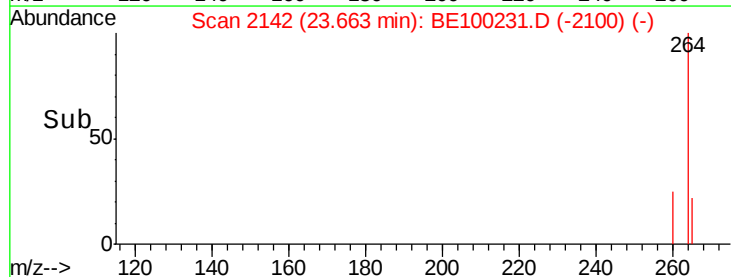
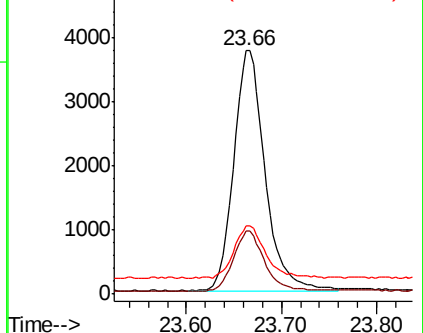
265 27.9 21.8 32.6



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: 3.435 ng

RT: 22.92 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

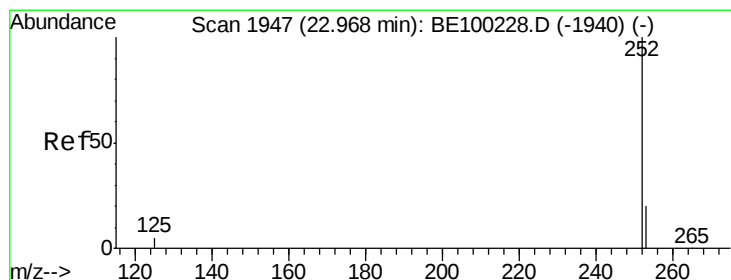
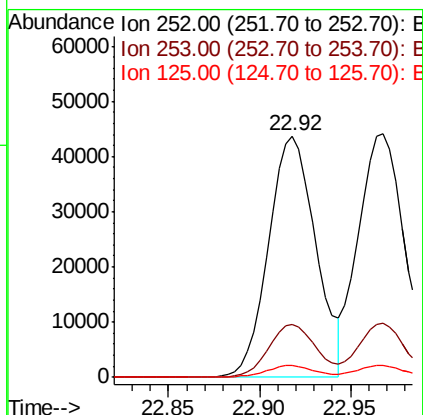
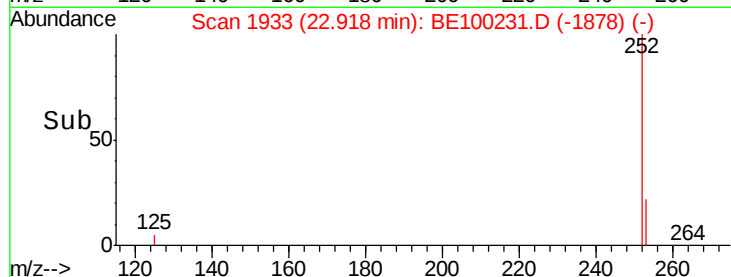
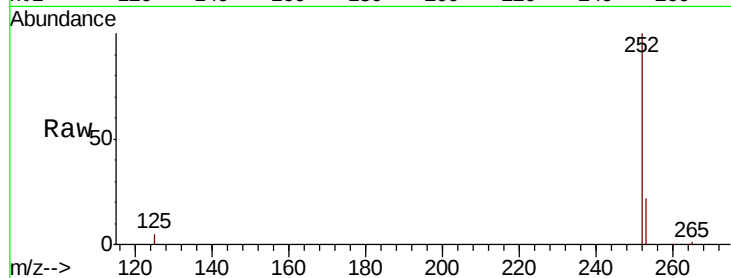
Tot Ion:252 Resp: 78474

Ion Ratio Lower Upper

252 100

253 22.0 19.2 28.8

125 4.9 7.4 11.0#



#36

Benzo(k)fluoranthene

Concen: 3.057 ng

RT: 22.97 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

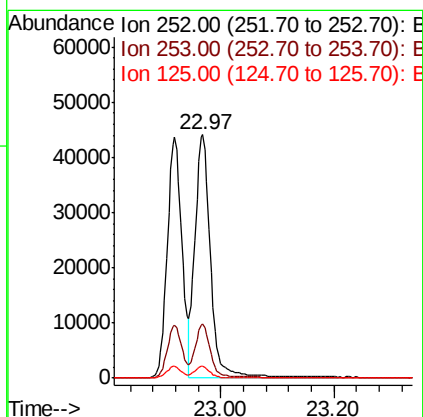
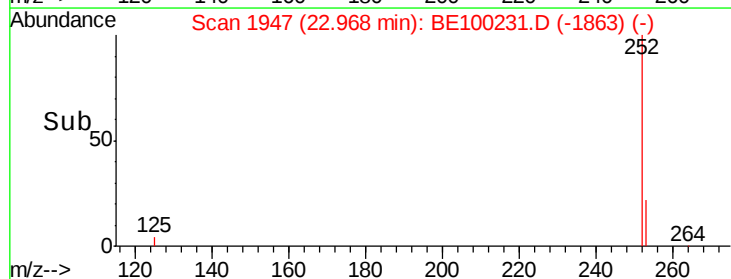
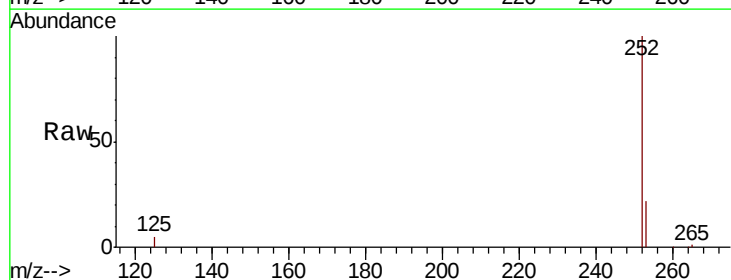
Tgt Ion:252 Resp: 83556

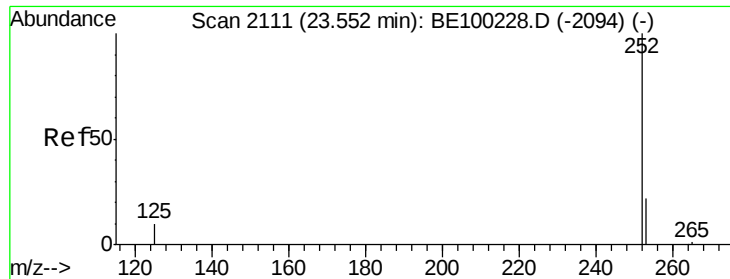
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 4.7 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 3.204 ng

RT: 23.55 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

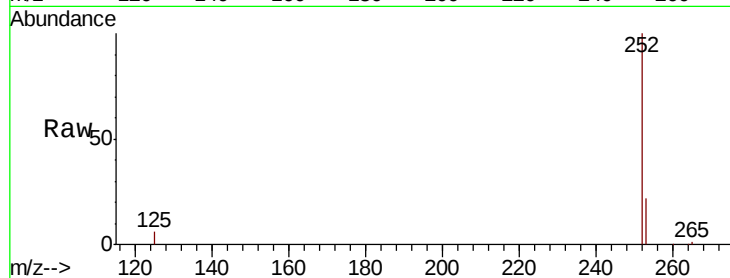
Tot Ion:252 Resp: 75848

Ion Ratio Lower Upper

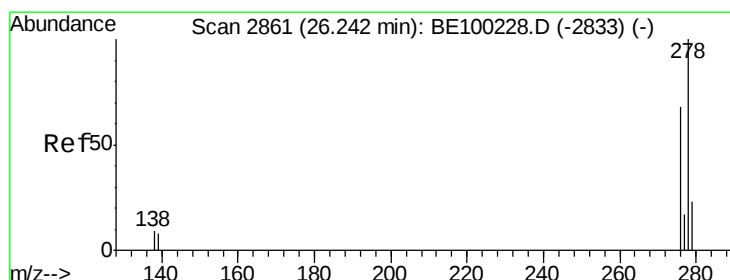
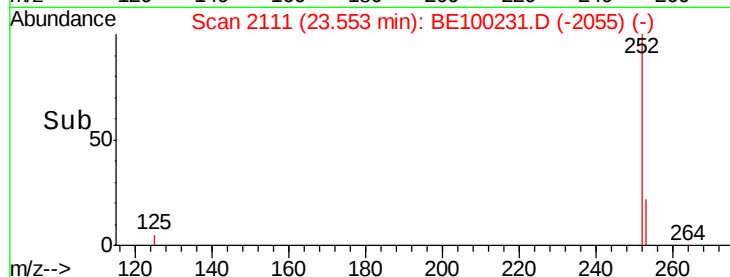
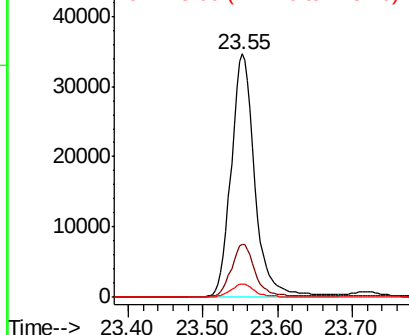
252 100

253 22.0 19.6 29.4

125 5.6 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: 3.226 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

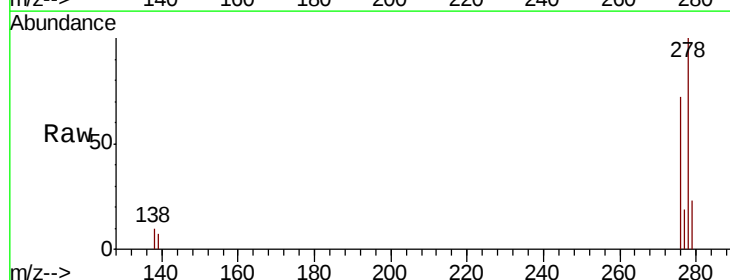
Tgt Ion:278 Resp: 81683

Ion Ratio Lower Upper

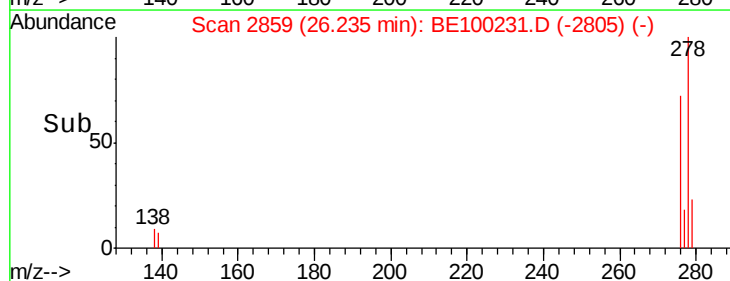
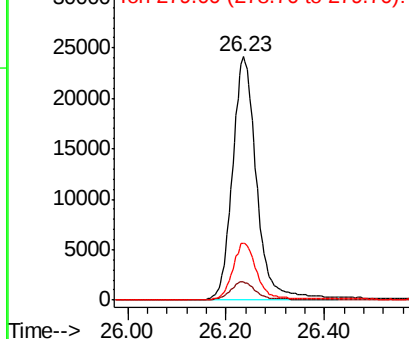
278 100

139 7.4 8.2 12.2#

279 23.5 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(a,h,i)perylene

Concen: 3.074 ng

RT: 27.00 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BE100231.D

Acq: 28 Jun 2019 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

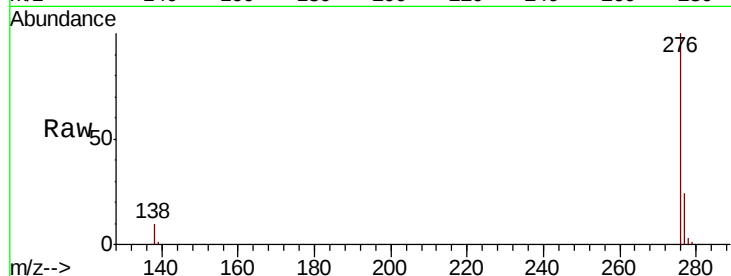
Tot Ion: 276 Resp: 81259

Ion Ratio Lower Upper

276 100

277 23.8 20.2 30.2

138 10.3 9.0 13.6



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

