

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
 Data File : BE100581.D
 Acq On : 30 Sep 2019 11:29
 Operator : JU
 Sample : K4839-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 01 06:50:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 27 18:32:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	18050	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	27210	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	14814	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	32165	0.40	ng	0.00
27) Chrysene-d12	21.38	240	42486	0.40	ng	0.01
34) Perylene-d12	23.86	264	34069	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	1863709	35.02	ng	0.00
5) Phenol-d6	7.02	99	2690896	37.24	ng	0.00
8) Nitrobenzene-d5	9.00	82	1623179	82.61	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	23	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	519458	122.30	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	3474521	67.76	ng	0.01
25) Fluoranthene-d10	19.24	212	338	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	5493884	52.33	ng	0.01

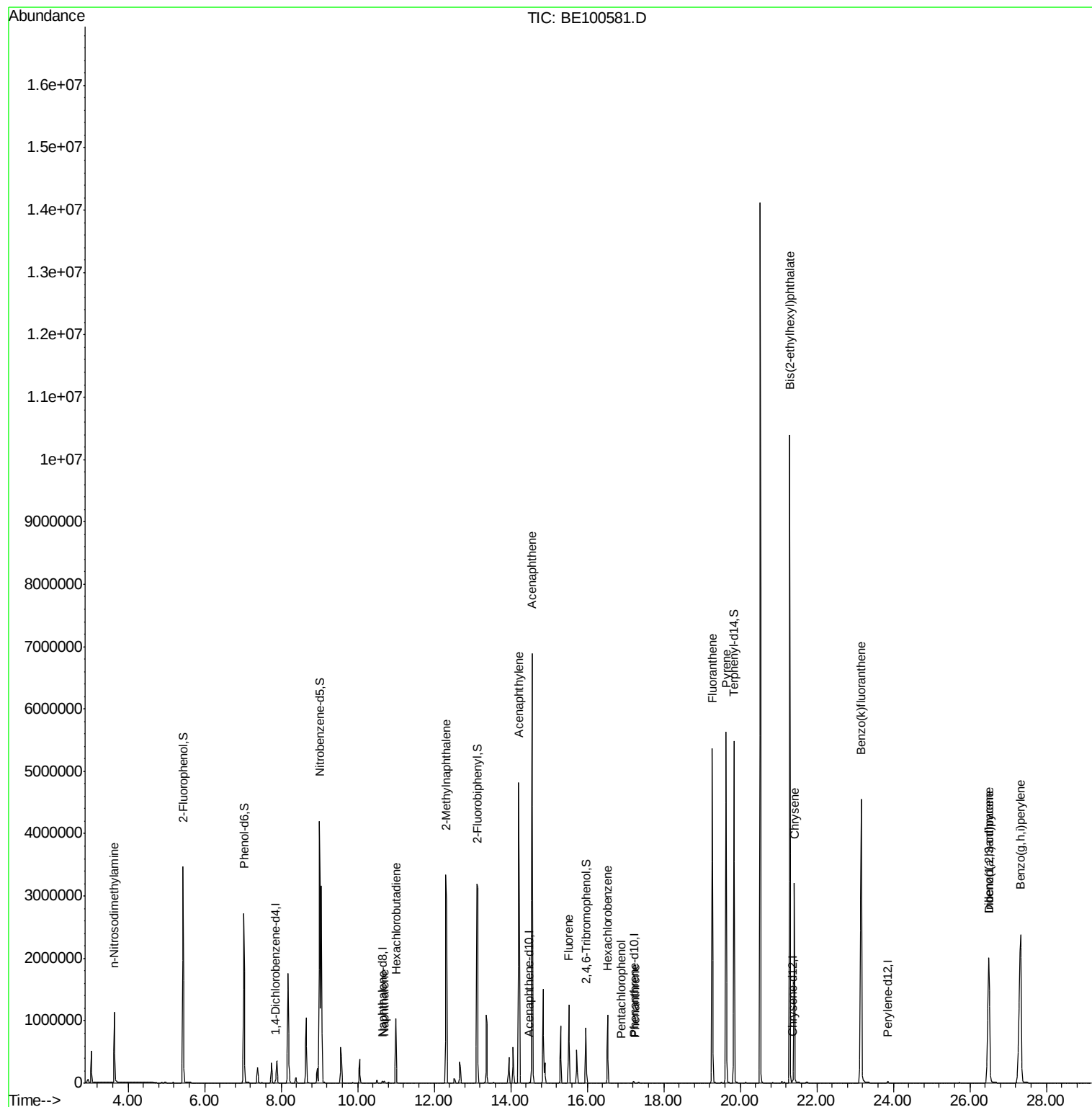
Target Compounds					Qvalue	
3) n-Nitrosodimethylamine	3.64	42	511960	29.557	ng	# 100
9) Naphthalene	10.69	128	55664	0.197	ng	100
10) Hexachlorobutadiene	11.00	225	813240	94.478	ng	98
12) 2-Methylnaphthalene	12.31	142	2692332	56.011	ng	98
16) Acenaphthylene	14.21	152	5822062	88.212	ng	94
17) Acenaphthene	14.56	154	4165012	98.179	ng	98
18) Fluorene	15.51	166	43636	0.792	ng	# 92
21) Hexachlorobenzene	16.53	284	792843	64.247	ng	100
22) Pentachlorophenol	16.88	266	169	0.300	ng	# 81
23) Phenanthrene	17.26	178	3785	0.042	ng	97
26) Fluoranthene	19.27	202	5156979	45.224	ng	94
28) Pyrene	19.63	202	5538710	43.059	ng	# 92
31) Chrysene	21.41	228	2751580	21.562	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	11669363	35.133	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.50	276	4754170	30.220	ng	95
36) Benzo(k)fluoranthene	23.16	252	7933048	78.087	ng	93
38) Dibenzo(a,h)anthracene	26.50	278	137190	1.513	ng	# 74
39) Benzo(a,h,i)perylene	27.32	276	6361190	68.617	ng	99

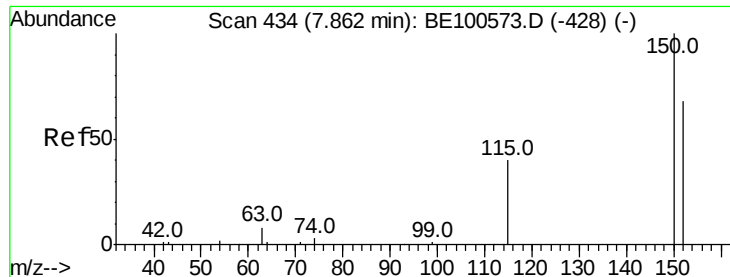
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

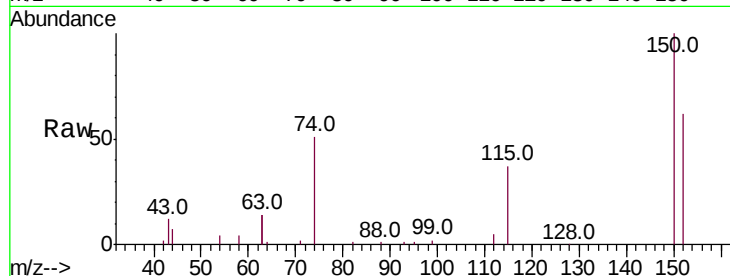
Tot Ion:152 Resp: 18050

Ion Ratio Lower Upper

152 100

150 160.6 116.9 175.3

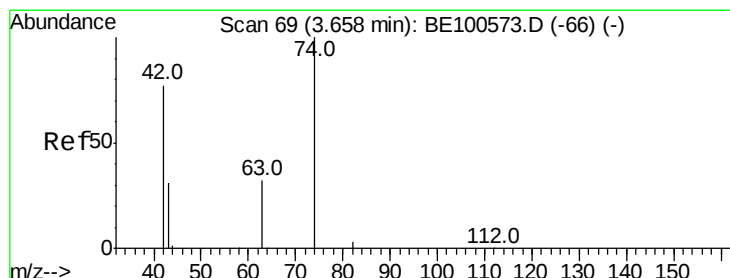
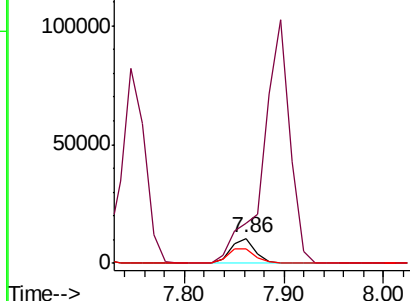
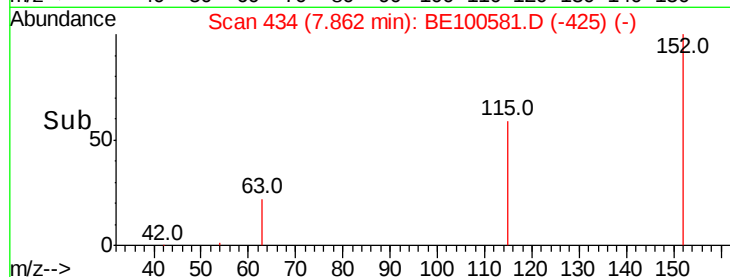
115 59.8 50.2 75.4



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



#3

n-Nitrosodimethylamine

Concen: 29.557 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

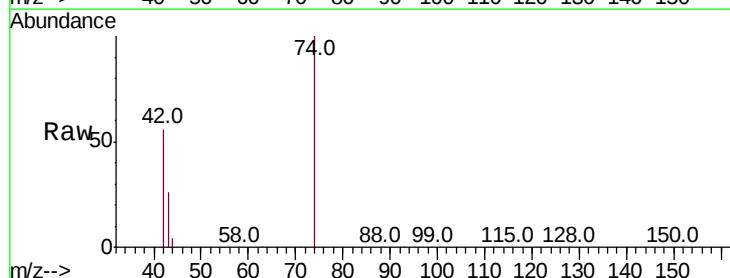
Tgt Ion: 42 Resp: 511960

Ion Ratio Lower Upper

42 100

74 168.1 0.0 0.0#

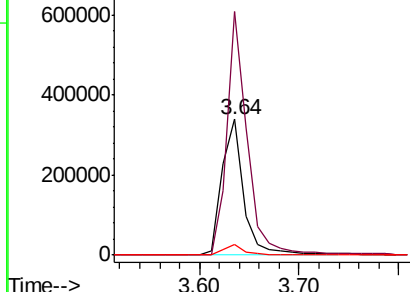
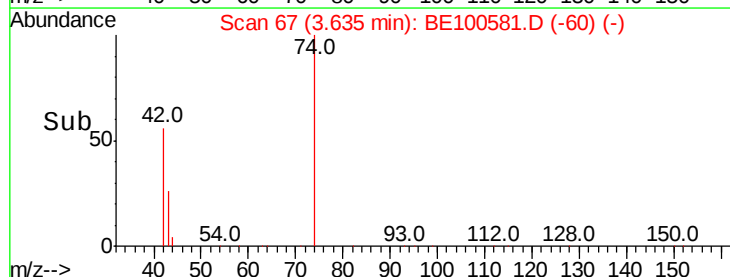
44 7.0 0.0 0.0#

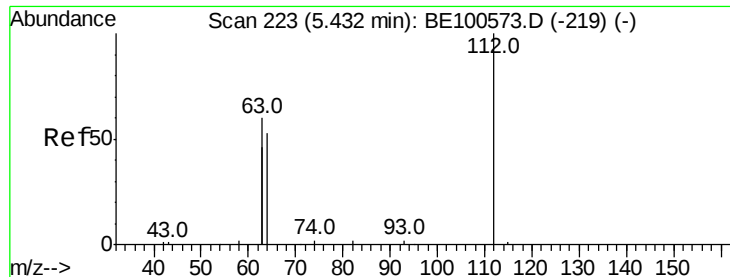


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 35.016 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

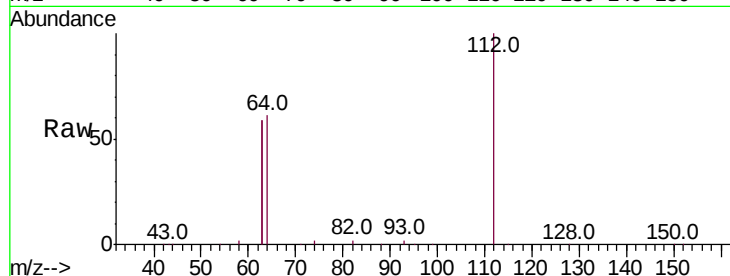
Tot Ion:112 Resp: 1863709

Ion Ratio Lower Upper

112 100

64 58.3 44.9 67.3

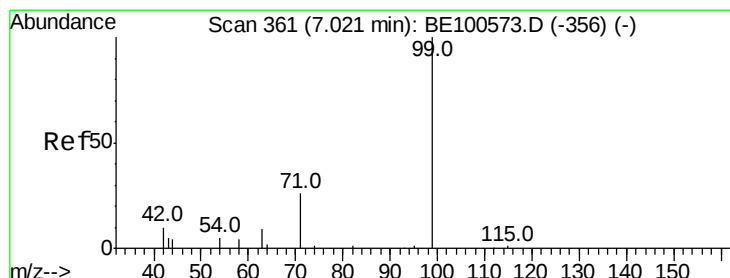
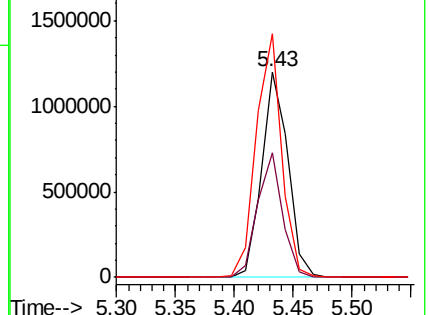
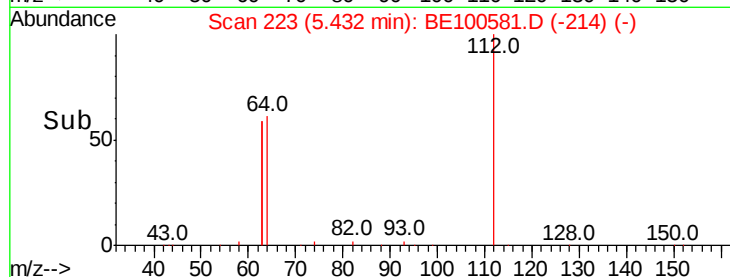
63 115.6 90.1 135.1



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: 37.243 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

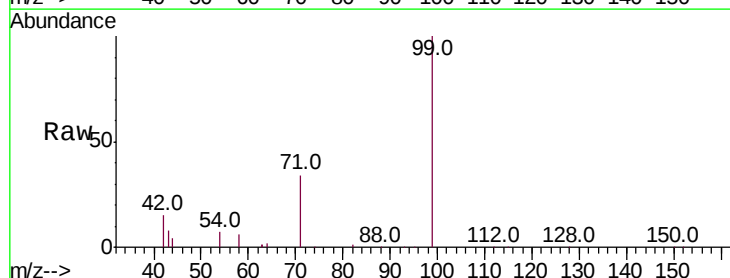
Tgt Ion: 99 Resp: 2690896

Ion Ratio Lower Upper

99 100

42 14.7 11.7 17.5

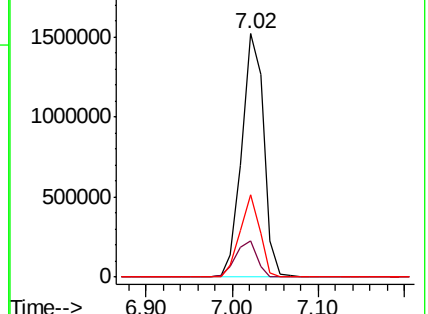
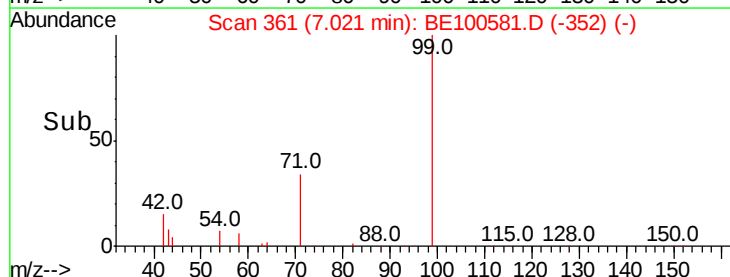
71 30.8 23.6 35.4

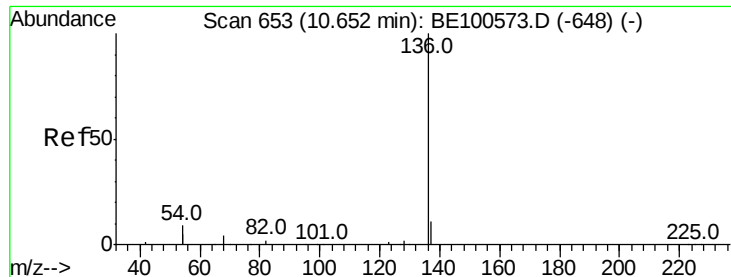


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

Tot Ion:136 Resp: 27210

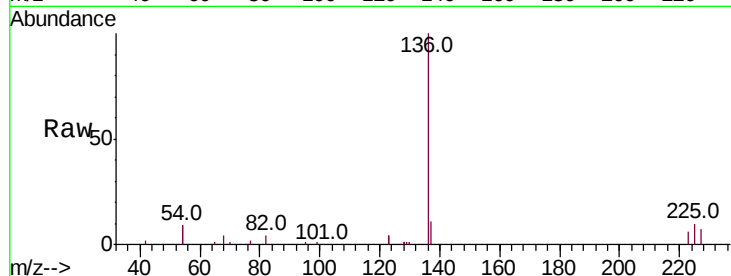
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 17.2 15.0 22.6

68 4.1 3.7 5.5

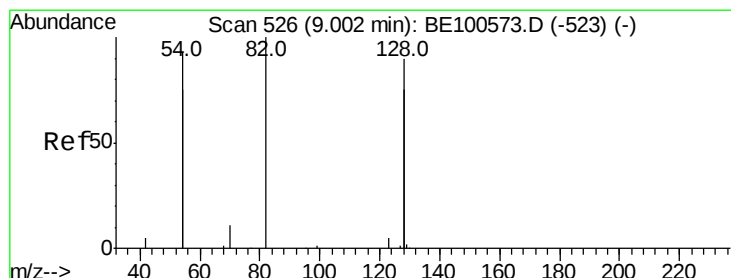
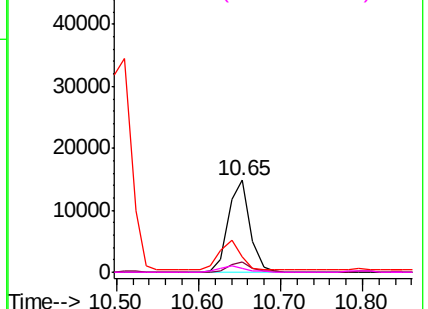
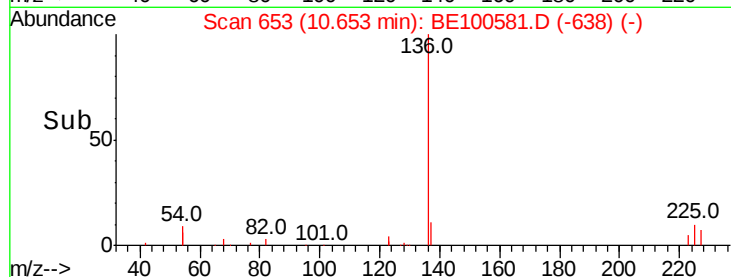


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.607 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

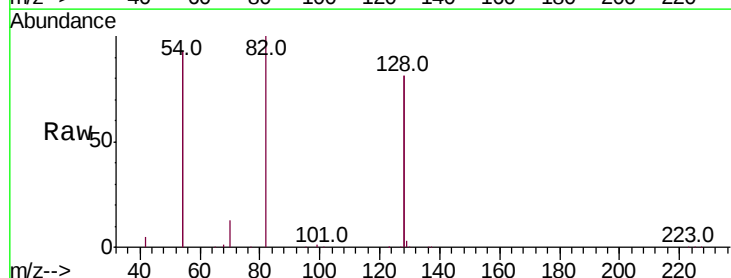
Tgt Ion: 82 Resp: 1623179

Ion Ratio Lower Upper

82 100

128 161.8 137.9 206.9

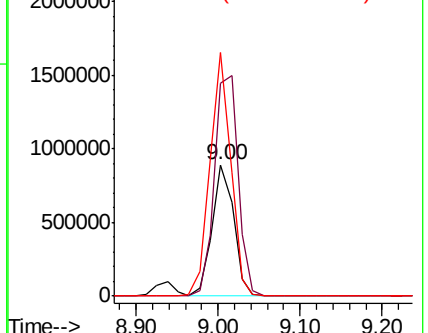
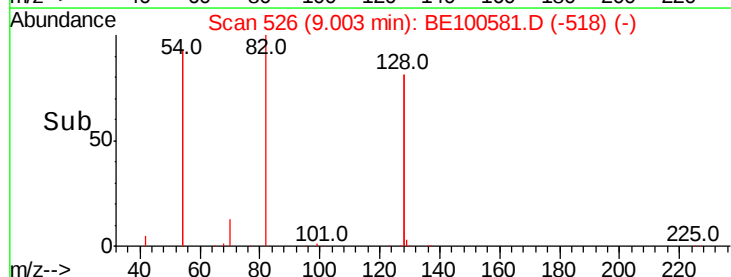
54 185.3 143.0 214.6

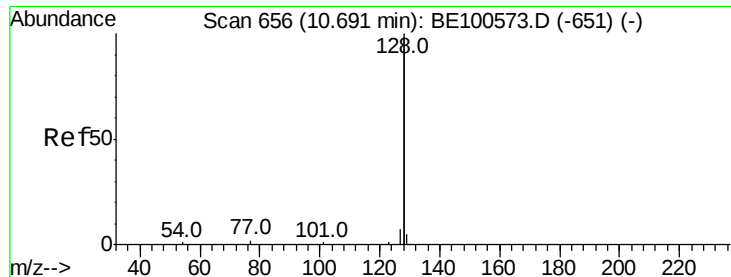


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.197 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

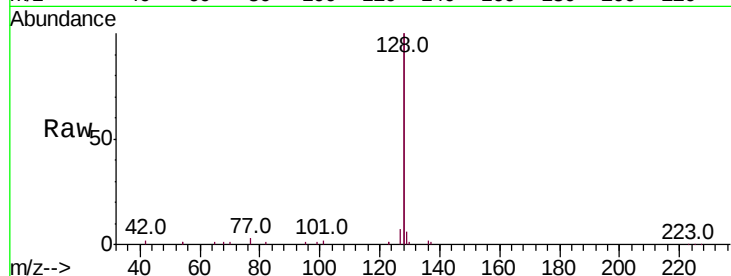
Tot Ion:128 Resp: 55664

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

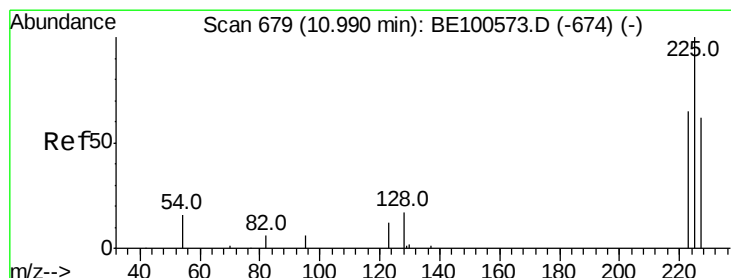
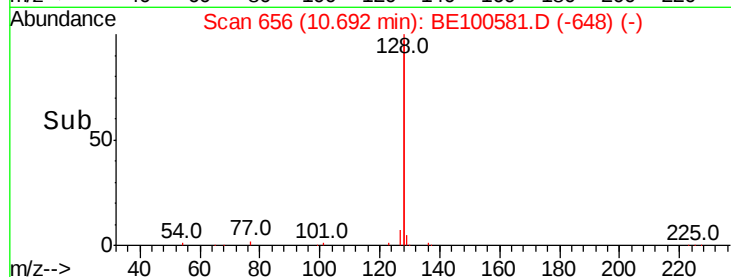
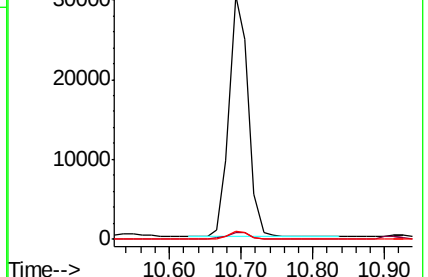
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 94.478 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

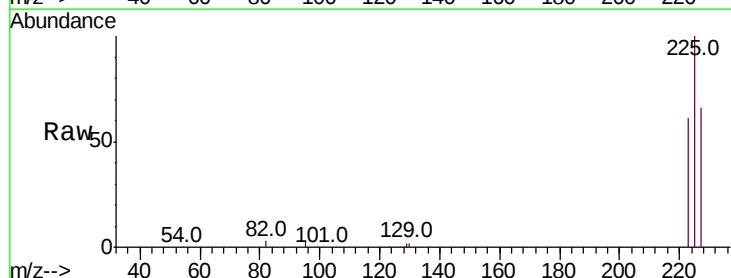
Tgt Ion:225 Resp: 813240

Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.0

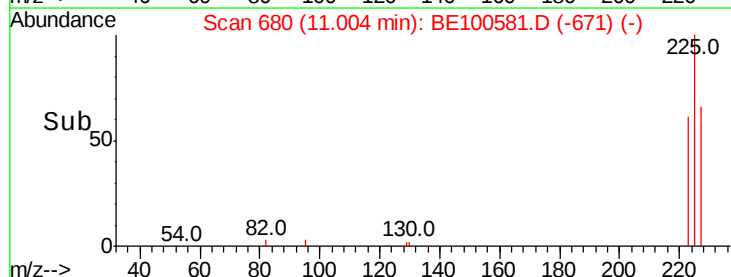
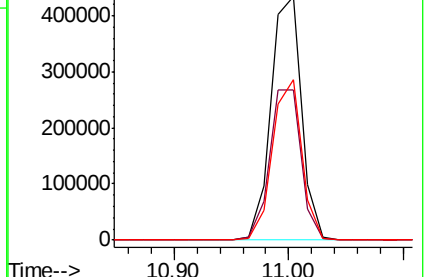
227 63.2 50.3 75.5

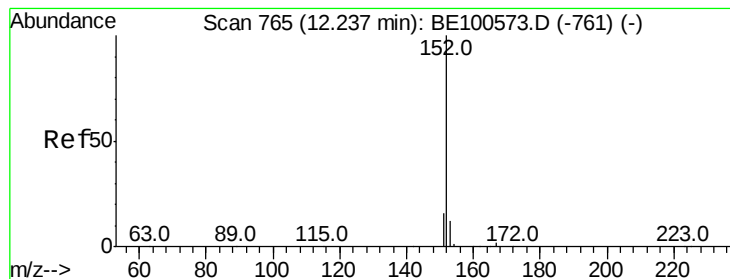


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

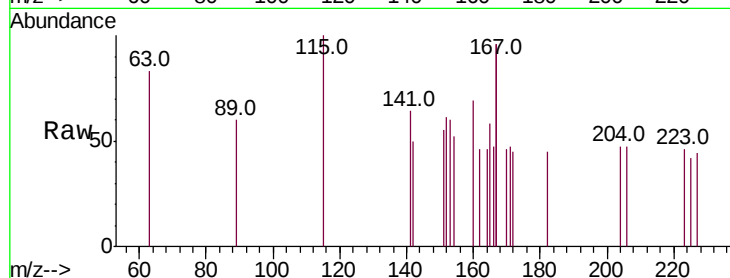
PT-BN-WP

Tot Ion:152 Resp: 23

Ion Ratio Lower Upper

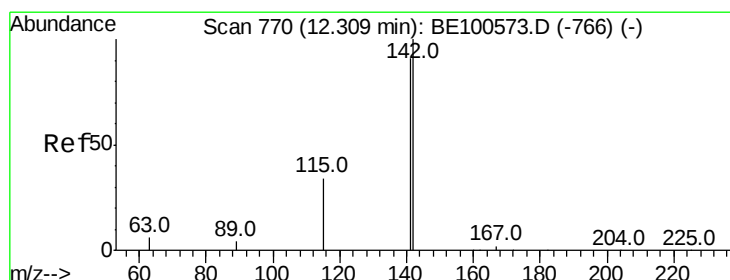
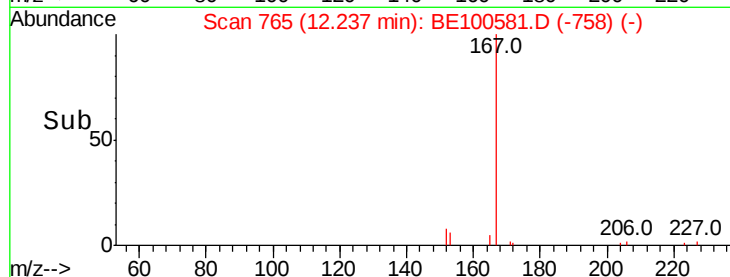
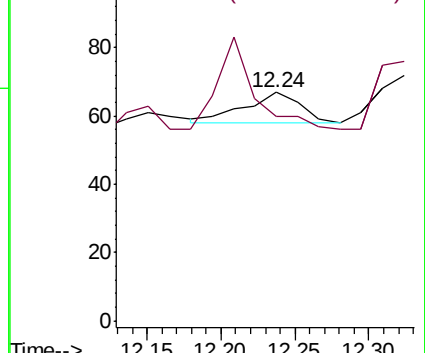
152 100

151 0.0 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 56.011 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

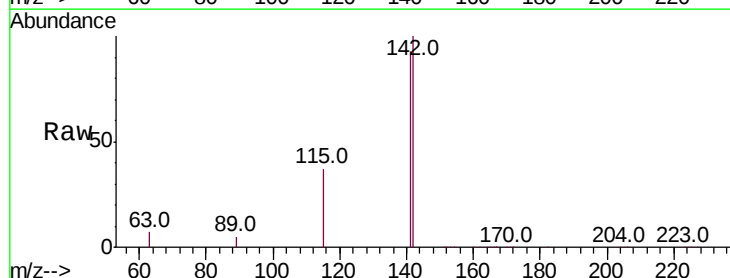
Tgt Ion:142 Resp: 2692332

Ion Ratio Lower Upper

142 100

141 93.4 73.2 109.8

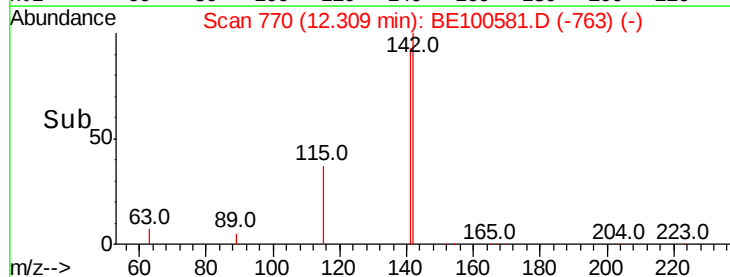
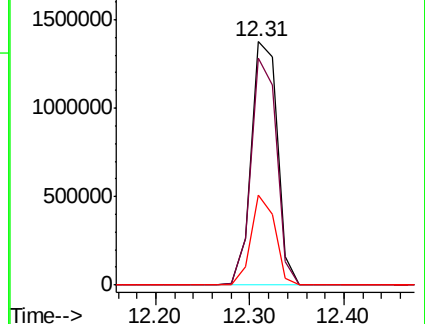
115 37.0 28.2 42.2

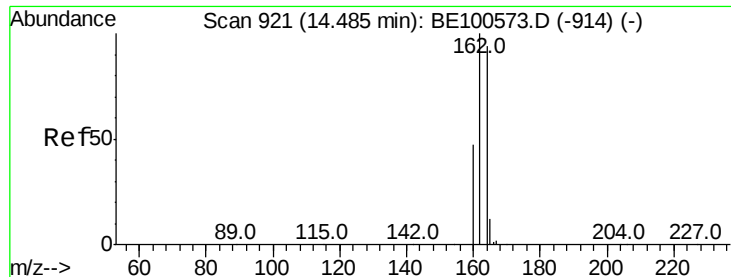


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

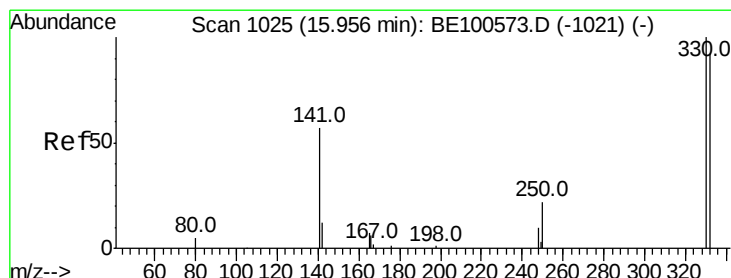
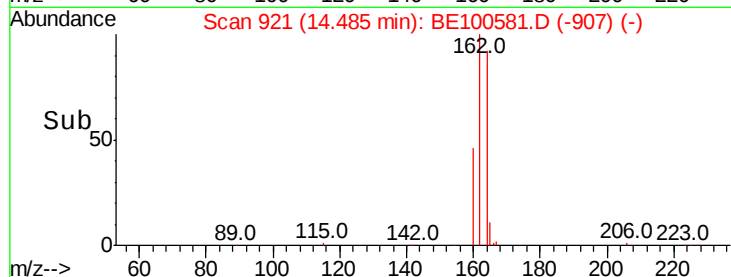
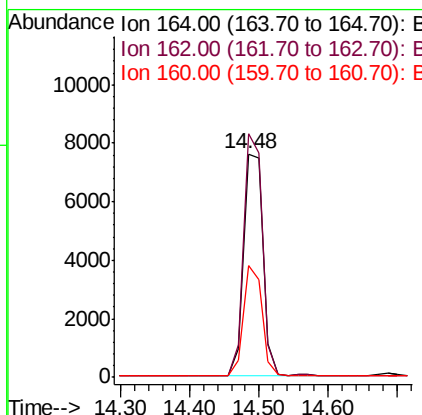
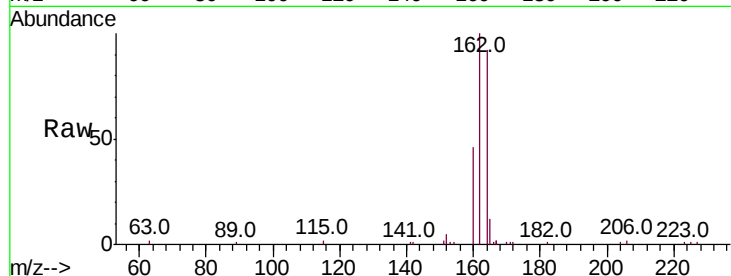




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

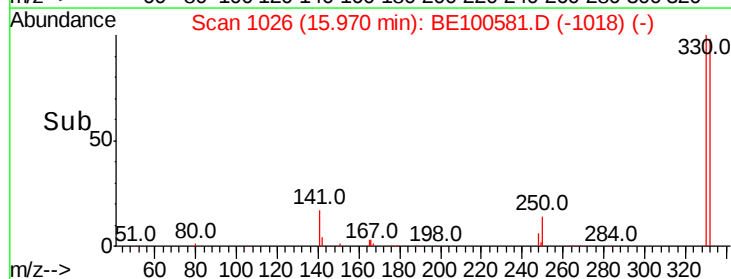
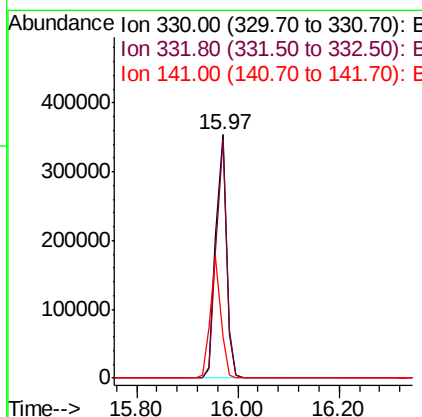
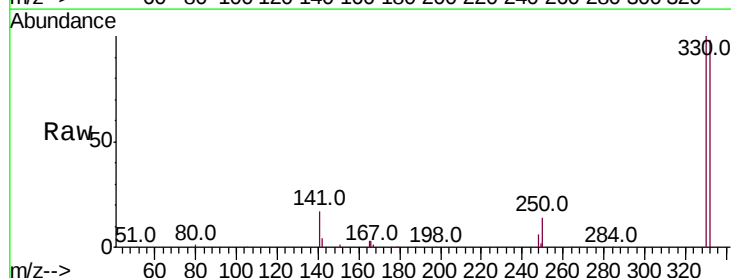
Instrument :
BNA_E
ClientSampled :
PT-BN-WP

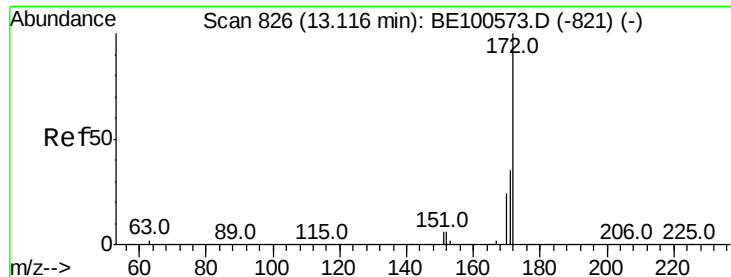
Tot Ion:164 Resp: 14814
Ion Ratio Lower Upper
164 100
162 109.0 85.0 127.4
160 49.9 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 122.304 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

Tgt Ion:330 Resp: 519458
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 49.5 42.1 63.1

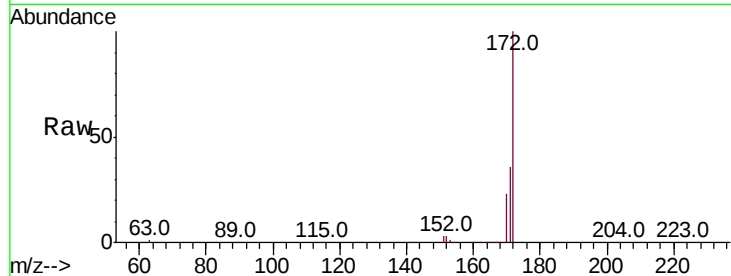




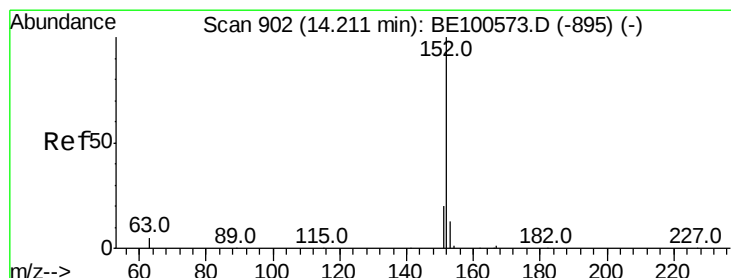
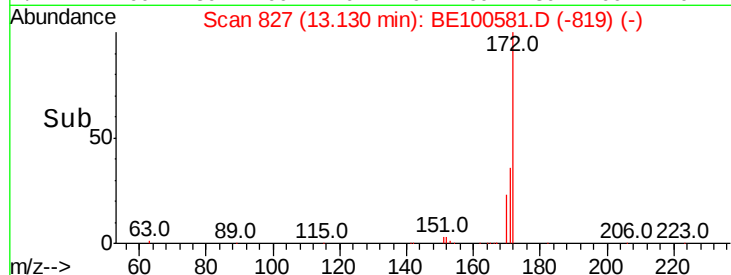
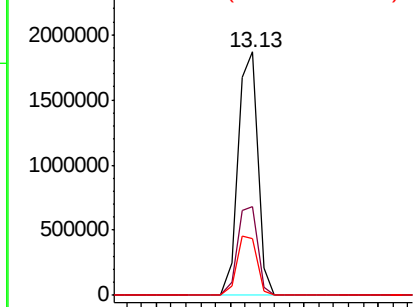
#15
2-Fluorobiphenyl
Concen: 67.757 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion:172 Resp: 3474521
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.3 19.2 28.8

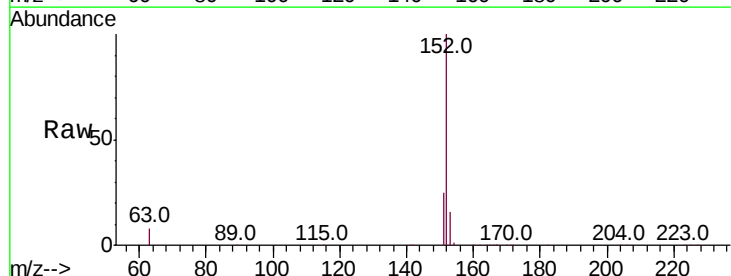


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

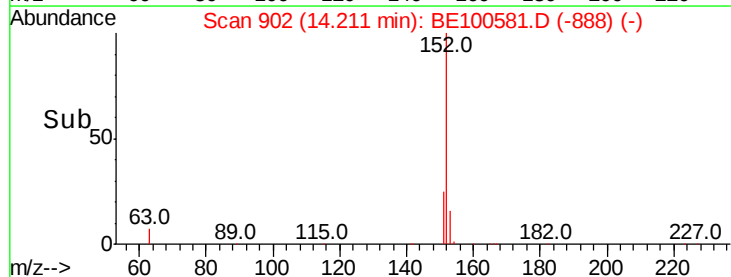
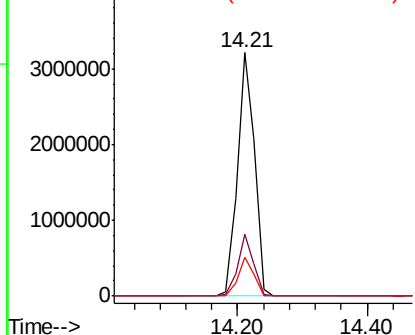


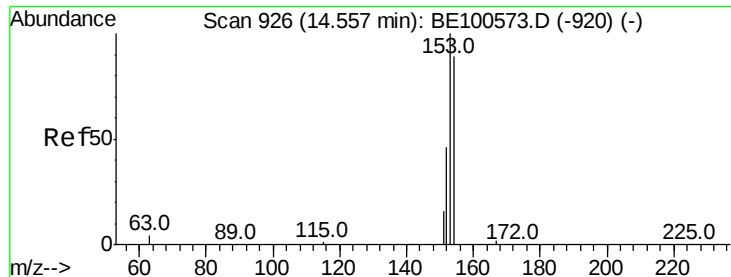
#16
Acenaphthylene
Concen: 88.212 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

Tgt Ion:152 Resp: 5822062
Ion Ratio Lower Upper
152 100
151 23.2 15.8 23.8
153 15.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 98.179 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

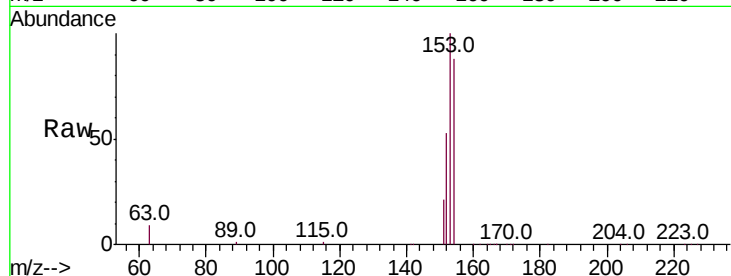
Tot Ion:154 Resp: 4165012

Ion Ratio Lower Upper

154 100

153 112.5 92.7 139.1

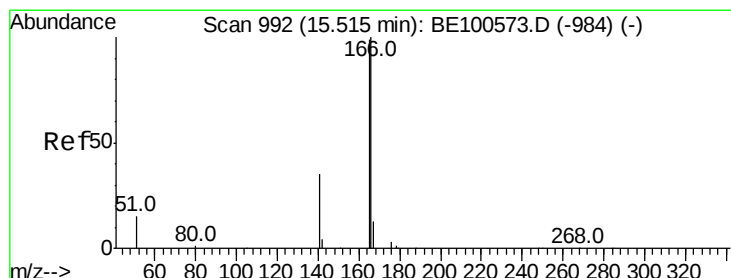
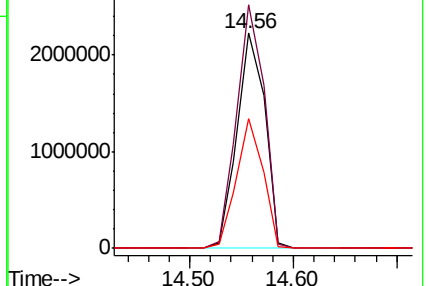
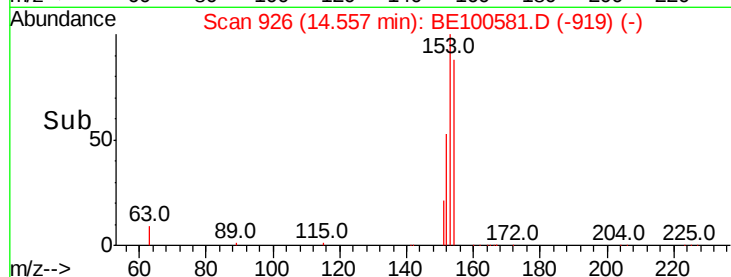
152 57.5 45.6 68.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.792 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

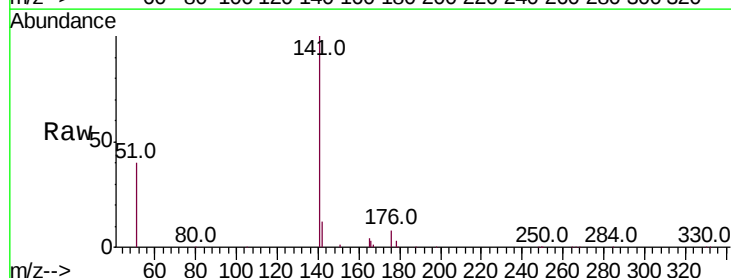
Tgt Ion:166 Resp: 43636

Ion Ratio Lower Upper

166 100

165 101.0 78.0 117.0

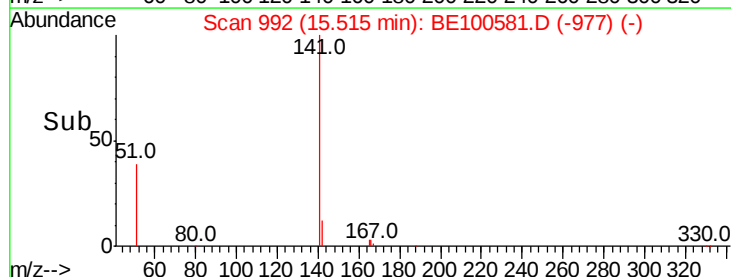
167 30.2 10.7 16.1#



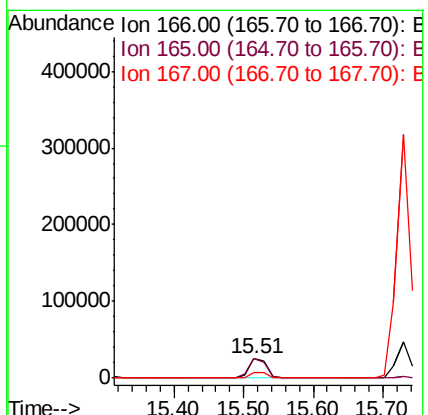
Abundance Ion 166.00 (165.70 to 166.70): E

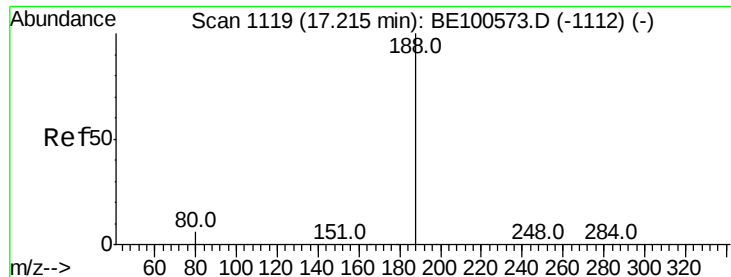
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

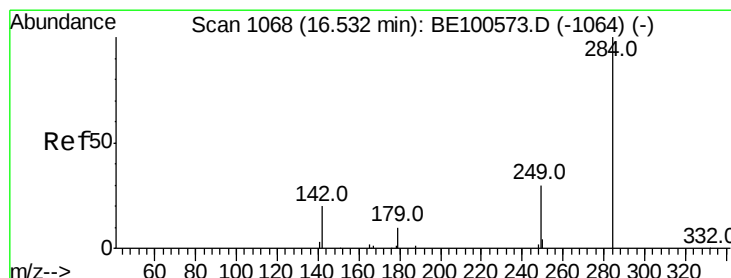
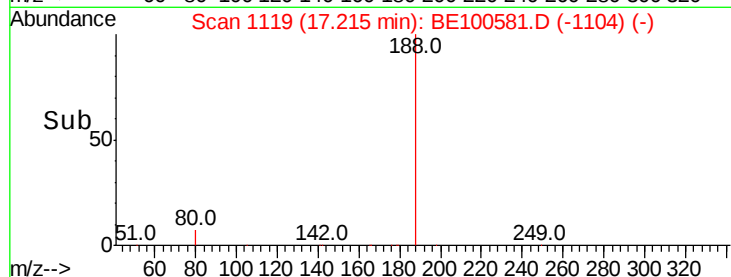
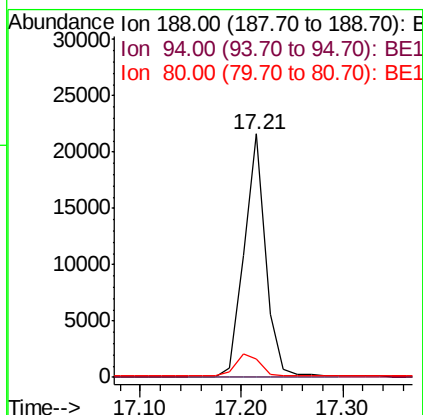
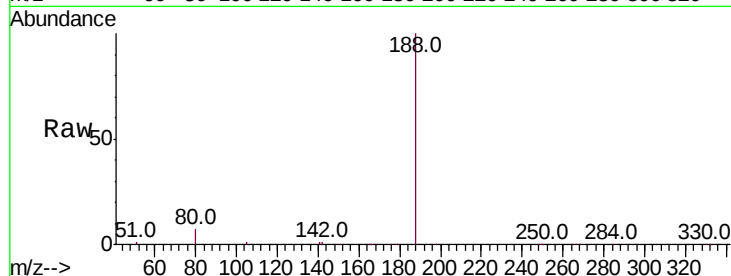




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

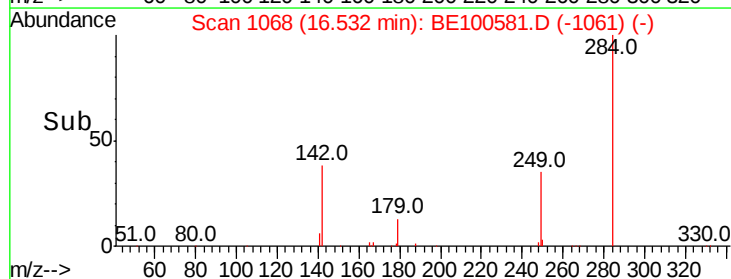
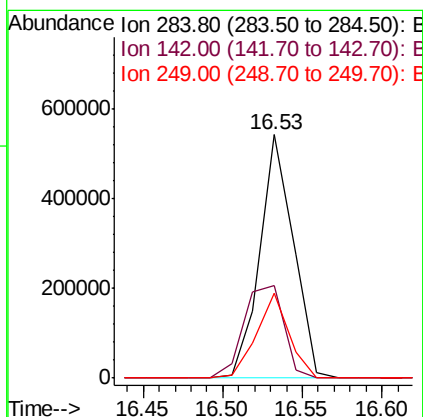
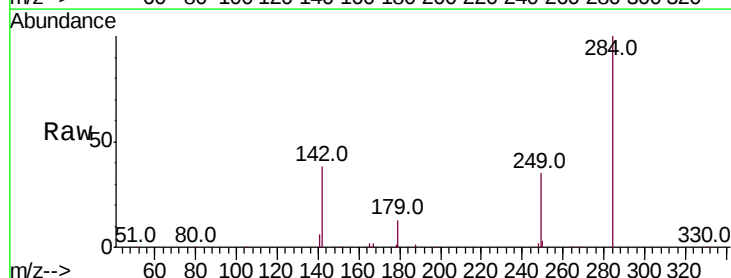
Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

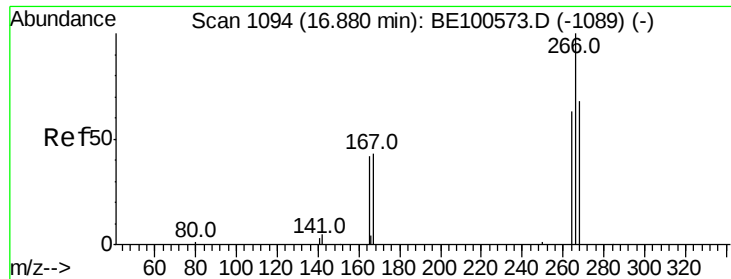
Tot Ion:188 Resp: 32165
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 5.6 8.4



#21
Hexachlorobenzene
Concen: 64.247 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

Tgt Ion:284 Resp: 792843
Ion Ratio Lower Upper
284 100
142 45.7 37.0 55.4
249 33.7 27.0 40.4

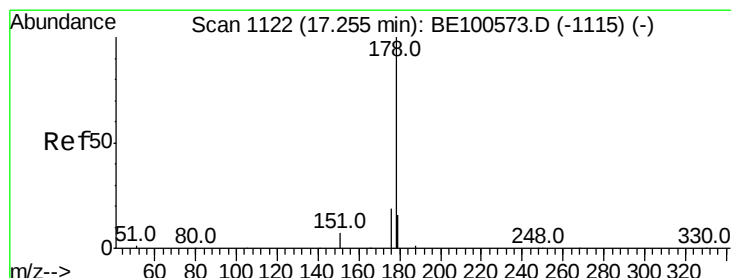
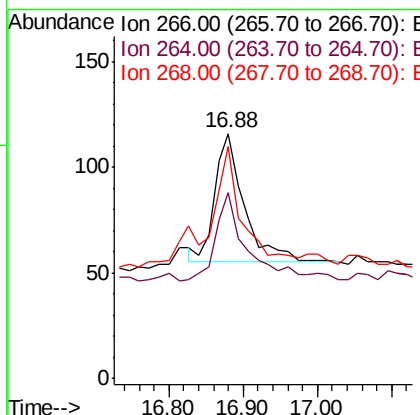
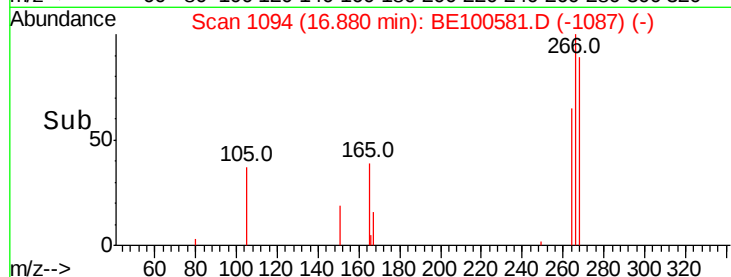
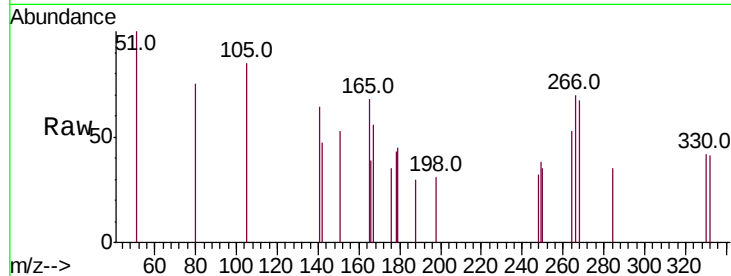




#22
 Pentachlorophenol
 Concen: 0.300 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BE100581.D
 Acq: 30 Sep 2019 11:29

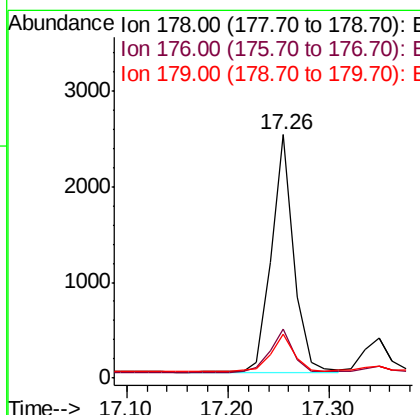
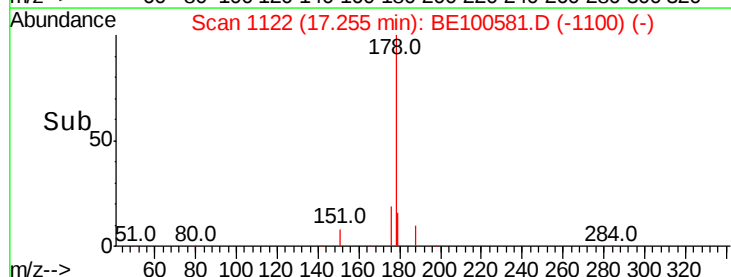
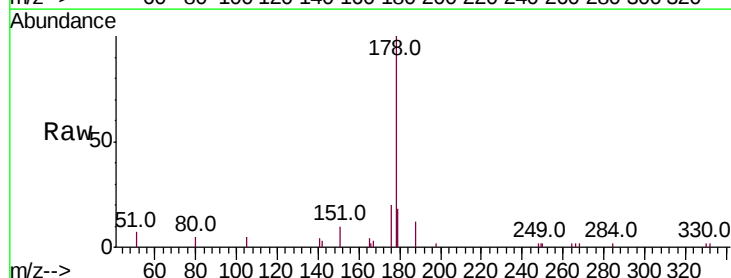
Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

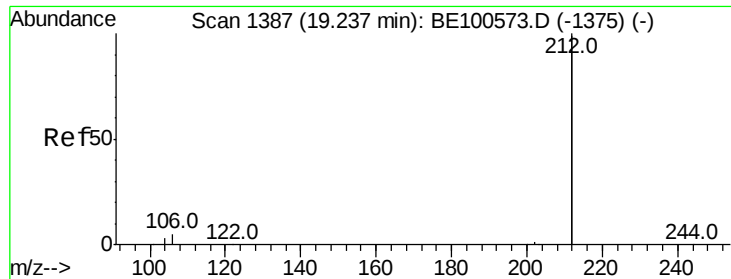
Tot Ion:266 Resp: 169
 Ion Ratio Lower Upper
 266 100
 264 75.9 53.5 80.3
 268 94.8 58.3 87.5#



#23
 Phenanthrene
 Concen: 0.042 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BE100581.D
 Acq: 30 Sep 2019 11:29

Tgt Ion:178 Resp: 3785
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.0
 179 17.0 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.24 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

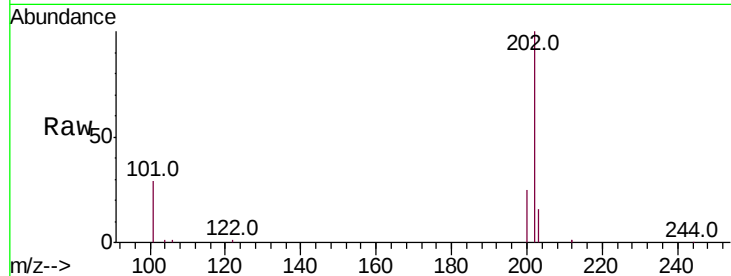
Tot Ion:212 Resp: 338

Ion Ratio Lower Upper

212 100

106 5.6 2.5 3.7#

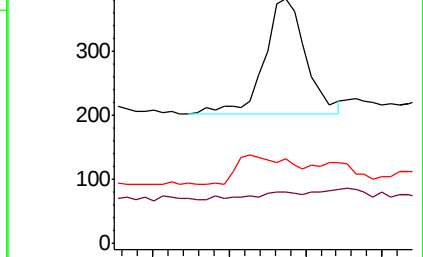
104 0.0 1.4 2.0#



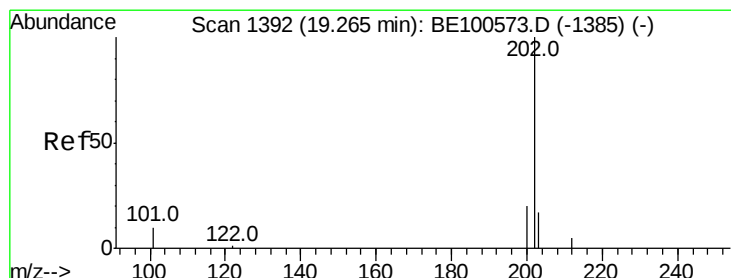
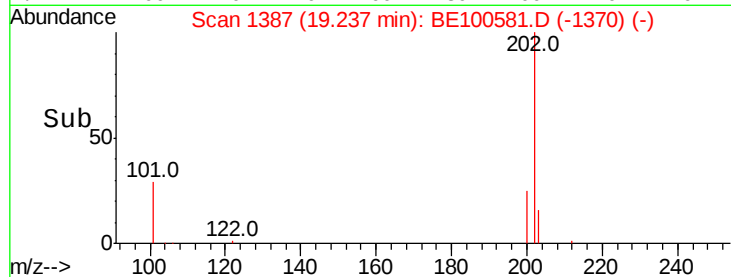
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 45.224 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

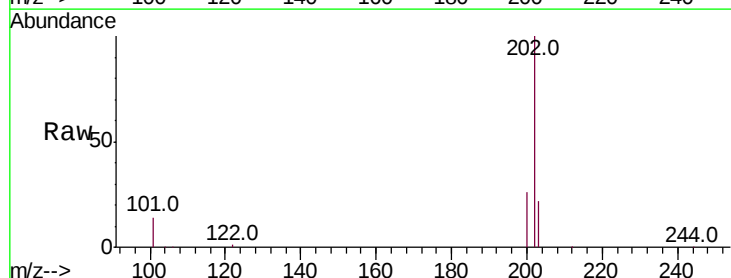
Tgt Ion:202 Resp: 5156979

Ion Ratio Lower Upper

202 100

101 13.4 9.0 13.4

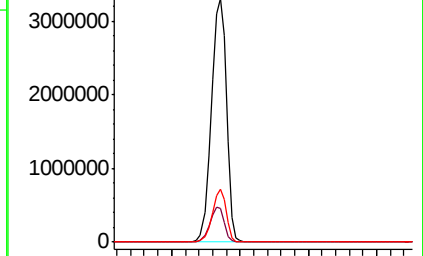
203 20.0 13.6 20.4



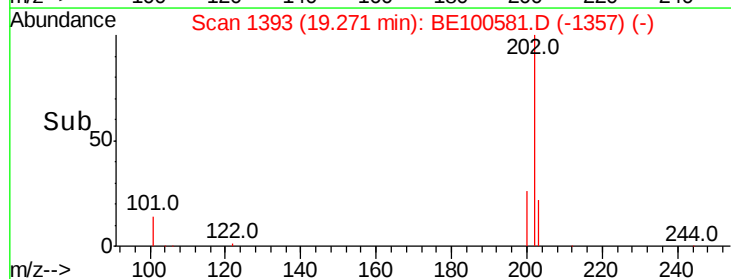
Abundance Ion 202.00 (201.70 to 202.70): E

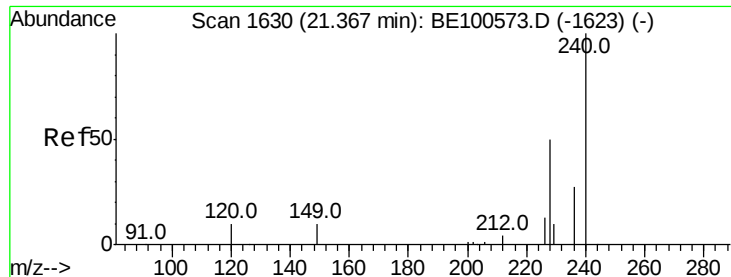
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

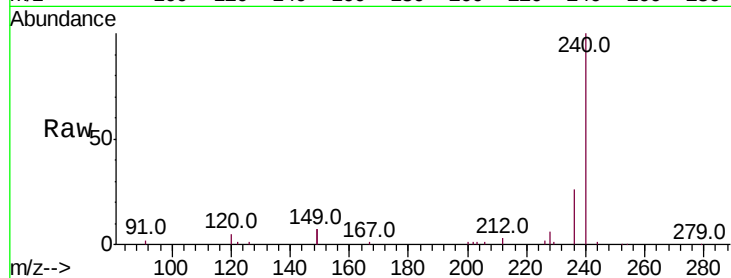
Tot Ion:240 Resp: 42486

Ion Ratio Lower Upper

240 100

120 5.1 8.7 13.1#

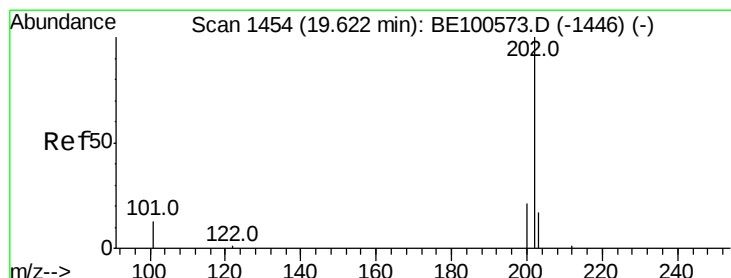
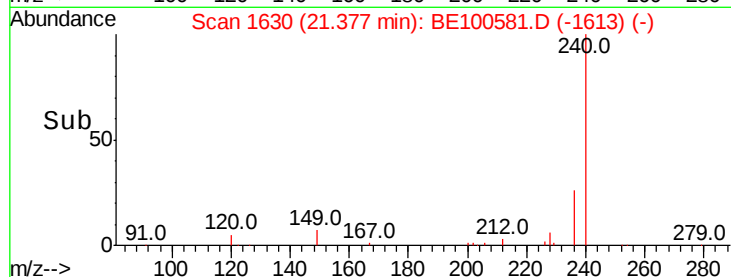
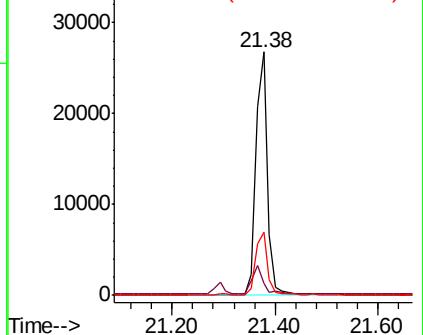
236 26.1 21.8 32.8



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: 43.059 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

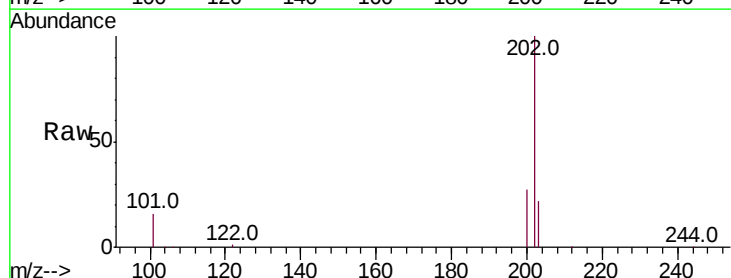
Tgt Ion:202 Resp: 5538710

Ion Ratio Lower Upper

202 100

200 25.1 16.6 25.0#

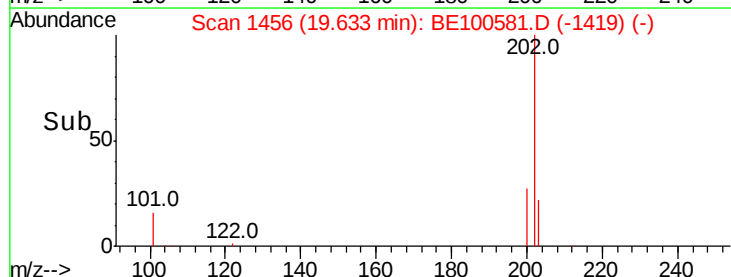
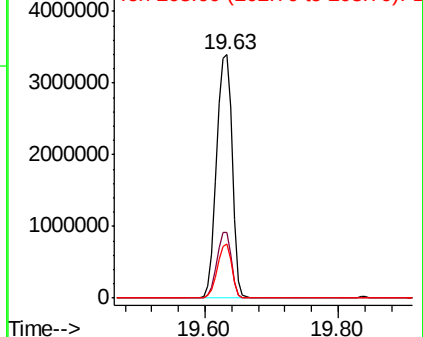
203 20.6 14.2 21.2

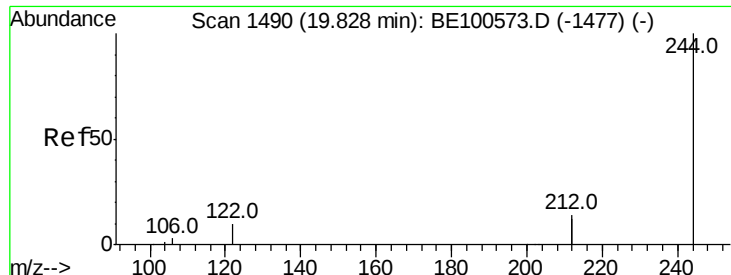


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 52.333 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

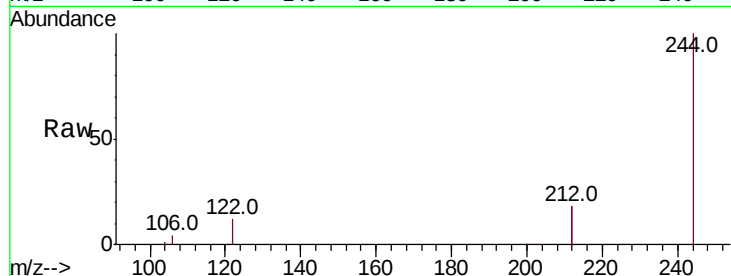
Tot Ion:244 Resp: 5493884

Ion Ratio Lower Upper

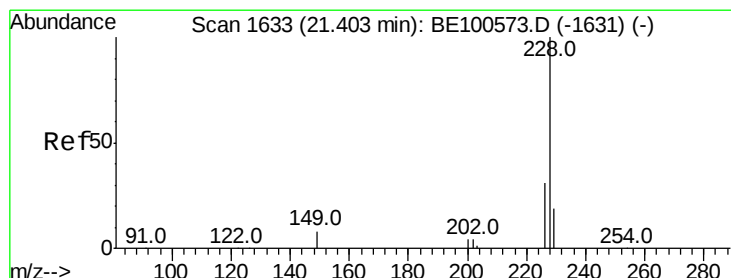
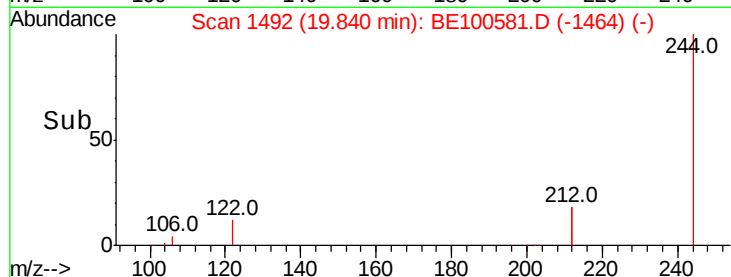
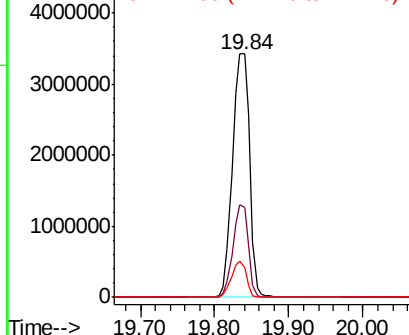
244 100

212 36.8 21.8 32.8#

122 12.3 8.2 12.4



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



#31

Chrysene

Concen: 21.562 ng

RT: 21.41 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

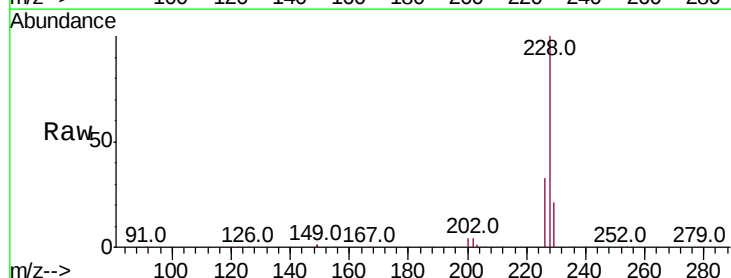
Tgt Ion:228 Resp: 2751580

Ion Ratio Lower Upper

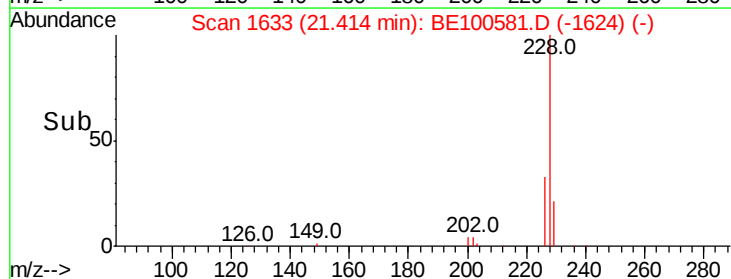
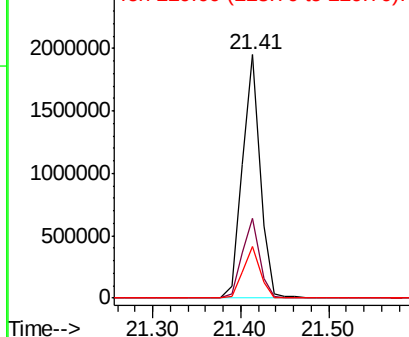
228 100

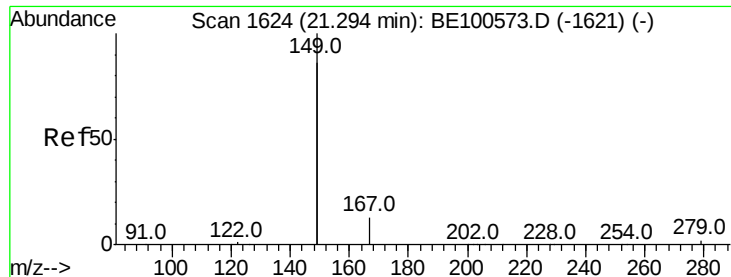
226 32.8 24.4 36.6

229 21.2 15.6 23.4



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: 35.133 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

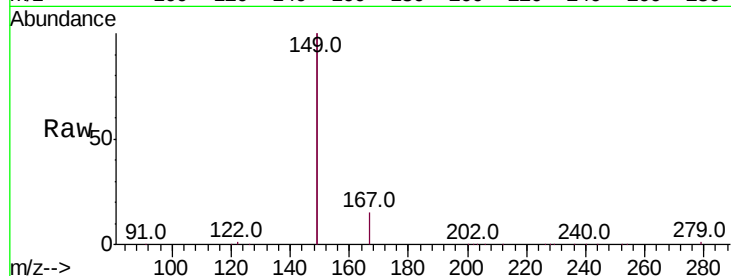
Tot Ion:149 Resp:11669363

Ion Ratio Lower Upper

149 100

167 7.2 5.0 7.6

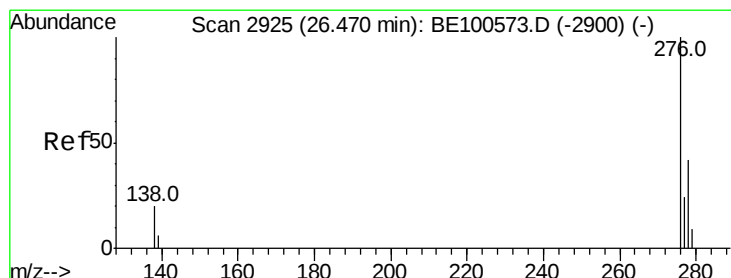
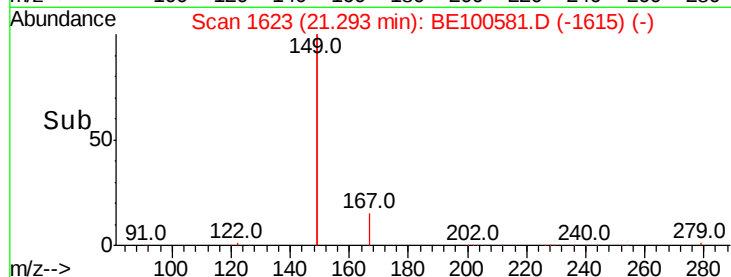
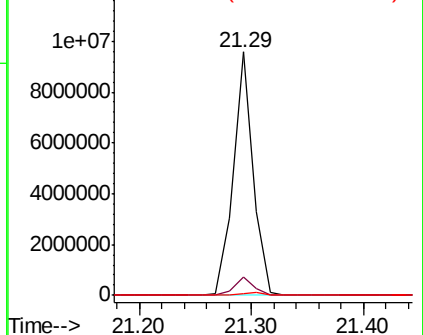
279 1.2 0.8 1.2#



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: 30.220 ng

RT: 26.50 min Scan# 2932

Delta R.T. 0.03 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

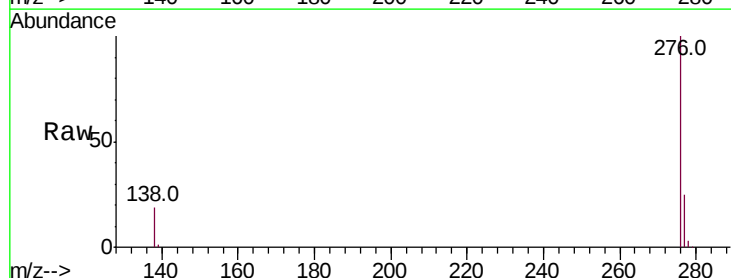
Tgt Ion:276 Resp: 4754170

Ion Ratio Lower Upper

276 100

138 19.0 18.6 27.8

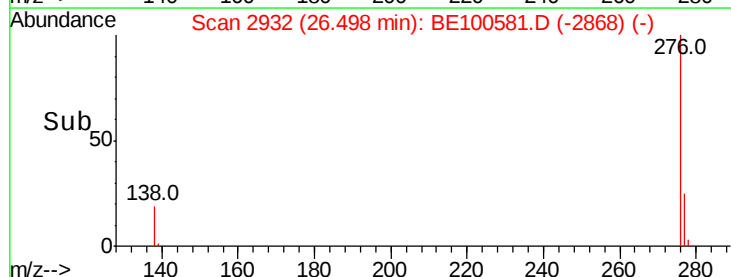
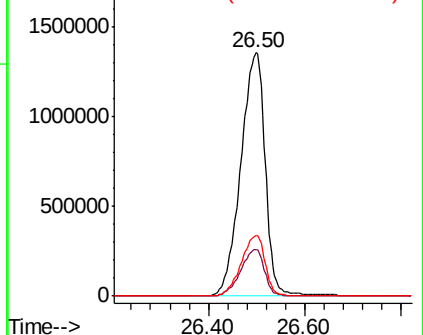
277 24.6 19.4 29.2

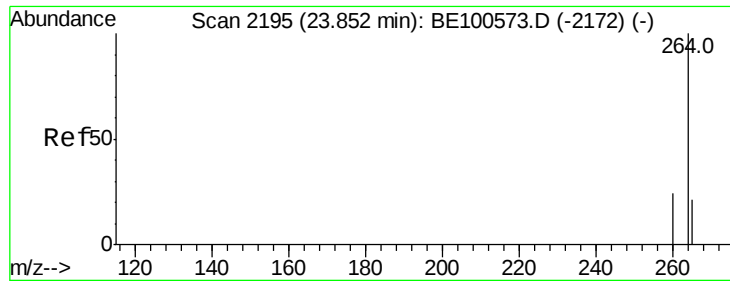


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



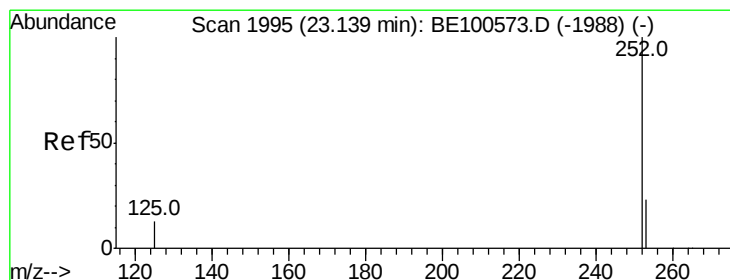
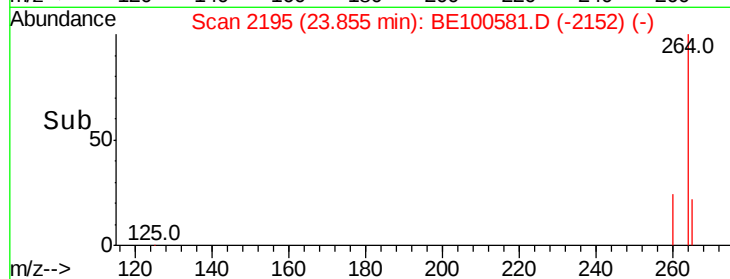
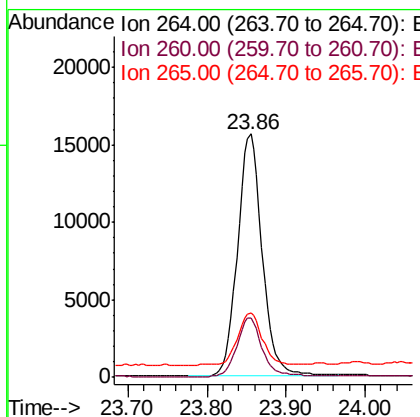
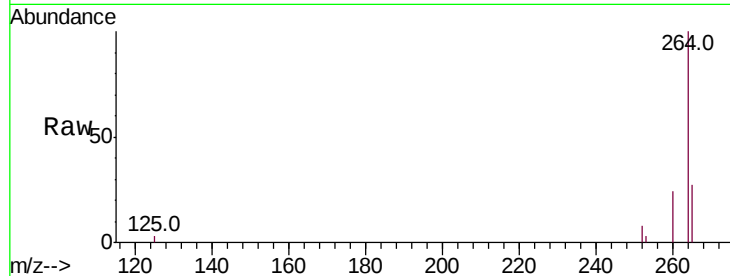


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion:264 Resp: 34069

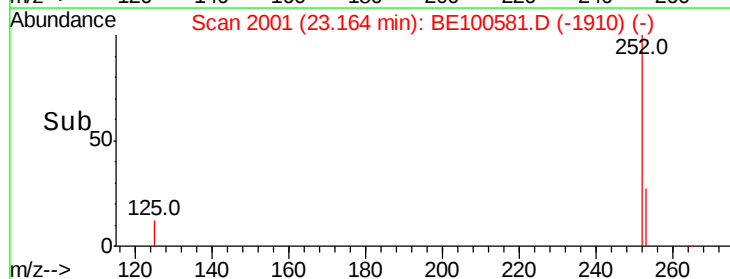
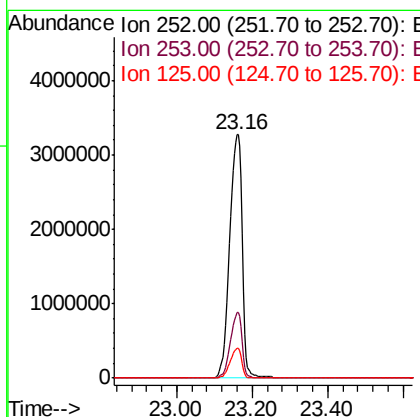
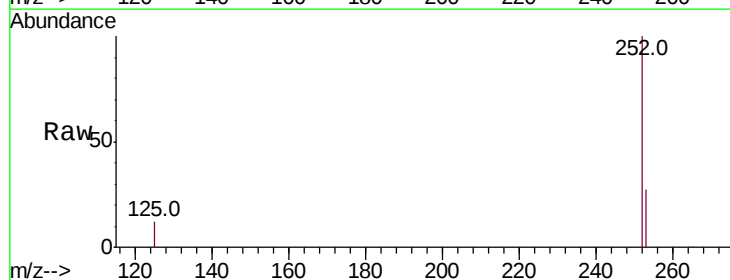
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	26.6	22.2	33.4

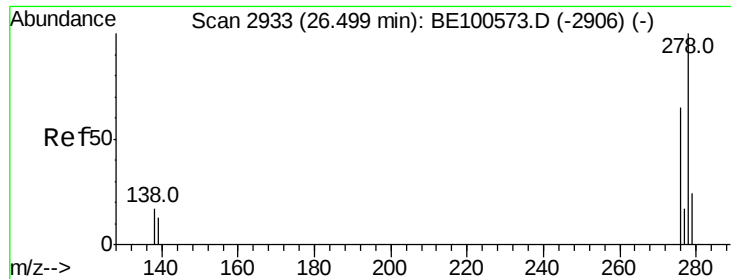


#36
Benzo(k)fluoranthene
Concen: 78.087 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BE100581.D
Acq: 30 Sep 2019 11:29

Tgt Ion:252 Resp: 7933048

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.6	28.0
125	12.0	11.4	17.2





#38

Dibenzo(a,h)anthracene

Concen: 1.513 ng

RT: 26.50 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

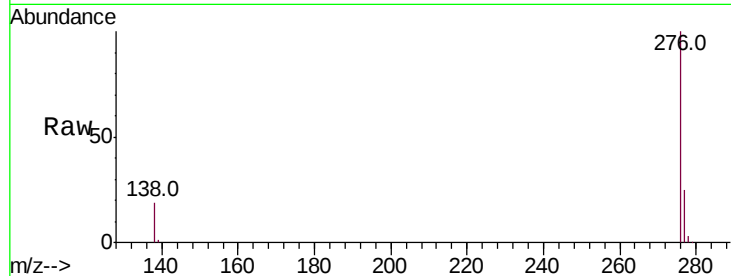
Tot Ion:278 Resp: 137190

Ion Ratio Lower Upper

278 100

139 19.1 11.7 17.5#

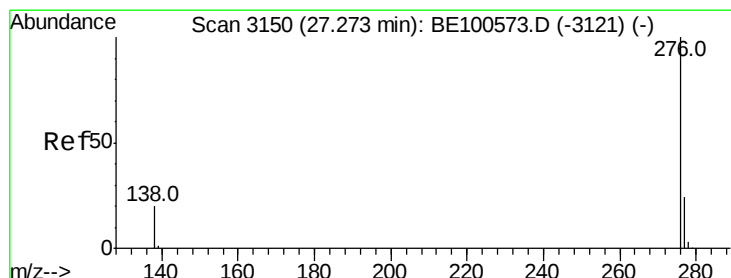
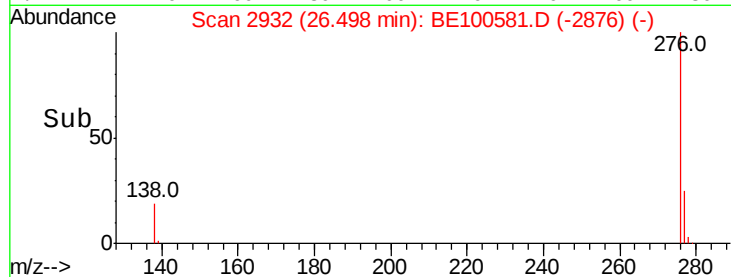
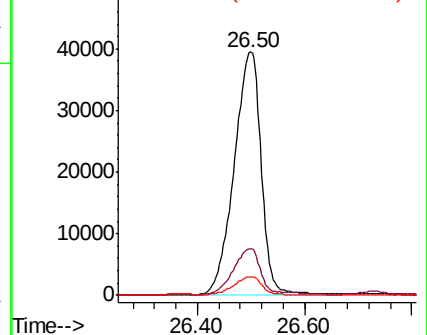
279 7.7 19.9 29.9#



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: 68.617 ng

RT: 27.32 min Scan# 3163

Delta R.T. 0.05 min

Lab File: BE100581.D

Acq: 30 Sep 2019 11:29

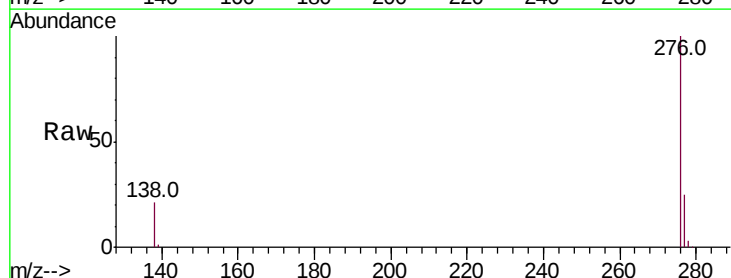
Tgt Ion:276 Resp: 6361190

Ion Ratio Lower Upper

276 100

277 25.1 19.7 29.5

138 21.2 17.0 25.4



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

