

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100264.D
 Acq On : 1 Jul 2019 14:17
 Operator : JU/SJ
 Sample : K3445-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-001-B198-061719

Quant Time: Jul 02 02:19:41 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	920	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3077	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2490	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7759	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9776	0.40	ng	0.00
34) Perylene-d12	23.67	264	11469	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	649	0.28	ng	0.00
5) Phenol-d6	6.83	99	924	0.30	ng	0.00
8) Nitrobenzene-d5	8.81	82	886	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2186	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	495	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	2747	0.28	ng	0.00
25) Fluoranthene-d10	19.10	212	37485	0.33	ng	0.00
29) Terphenyl-d14	19.70	244	7435	0.37	ng	0.00

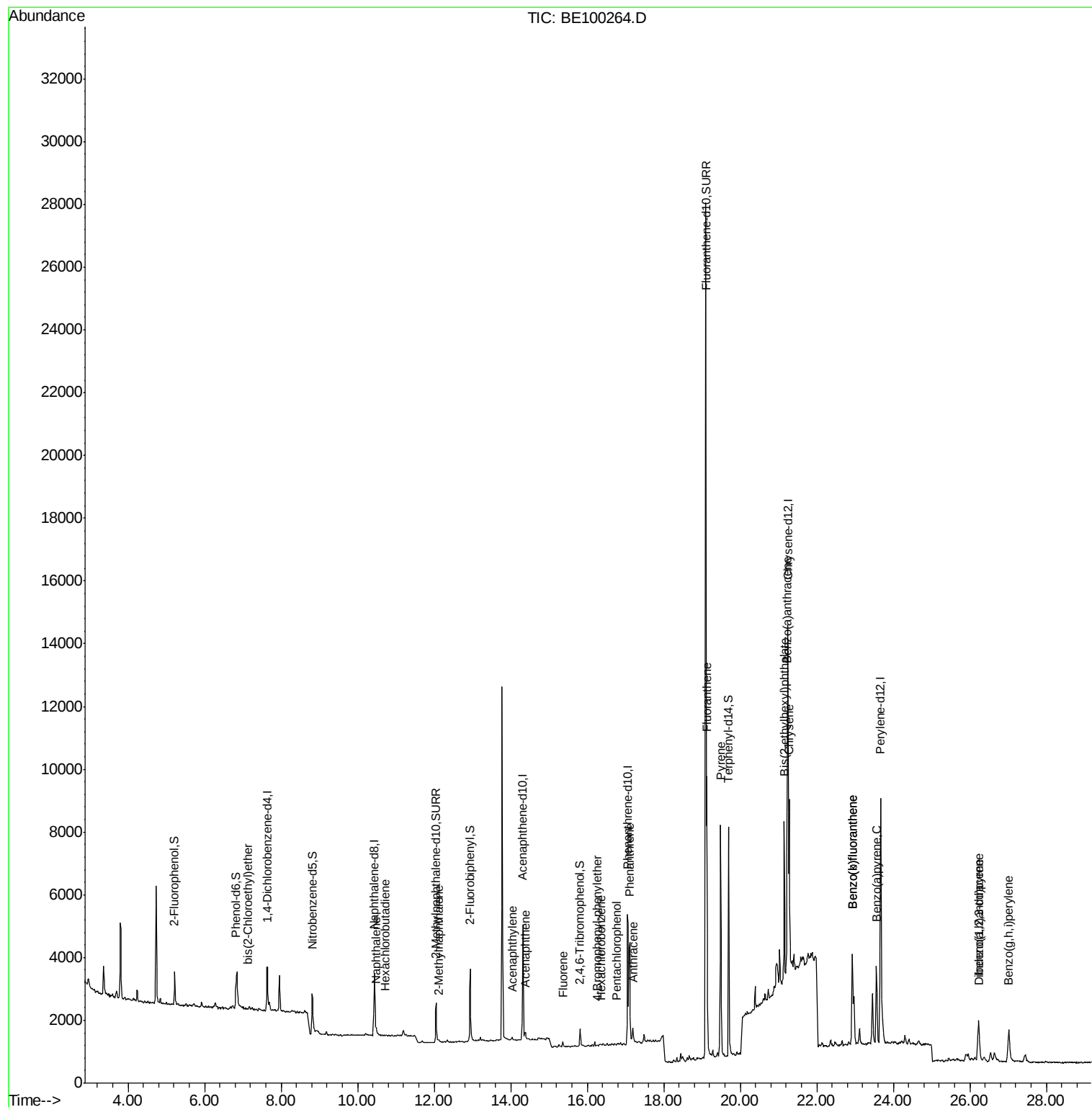
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	7.13	93	17	0.007	ng	# 21
9) Naphthalene	10.48	128	254	0.007	ng	# 61
10) Hexachlorobutadiene	10.72	225	5	0.002	ng	# 72
12) 2-Methylnaphthalene	12.12	142	53	0.009	ng	# 65
16) Acenaphthylene	14.04	152	144	0.012	ng	# 89
17) Acenaphthene	14.38	154	144	0.021	ng	# 93
18) Fluorene	15.37	166	176	0.018	ng	# 96
20) 4-Bromophenyl-phenylether	16.26	248	15	0.003	ng	# 72
21) Hexachlorobenzene	16.36	284	6	0.001	ng	# 48
22) Pentachlorophenol	16.76	266	4	0.003	ng	# 70
23) Phenanthrene	17.11	178	4207	0.224	ng	98
24) Anthracene	17.20	178	738	0.044	ng	97
26) Fluoranthene	19.13	202	8061	0.269	ng	100
28) Pyrene	19.49	202	7413	0.286	ng	# 95
30) Benzo(a)anthracene	21.23	228	4992	0.155	ng	# 89
31) Chrysene	21.28	228	4221	0.131	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.15	149	5986	0.074	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.23	276	2561	0.060	ng	98
35) Benzo(b)fluoranthene	22.93	252	5236	0.168	ng	# 80
36) Benzo(k)fluoranthene	22.93	252	5236	0.151	ng	# 75
37) Benzo(a)pyrene	23.56	252	3780	0.121	ng	# 78
38) Dibenzo(a,h)anthracene	26.25	278	679	0.021	ng	# 13
39) Benzo(g,h,i)perylene	27.02	276	2619	0.078	ng	# 82

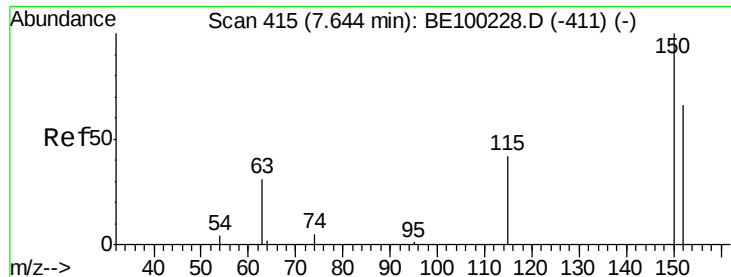
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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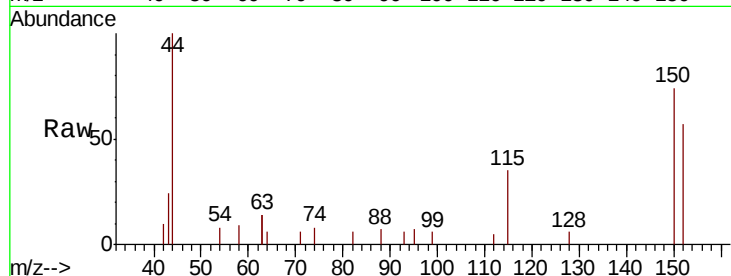


#1

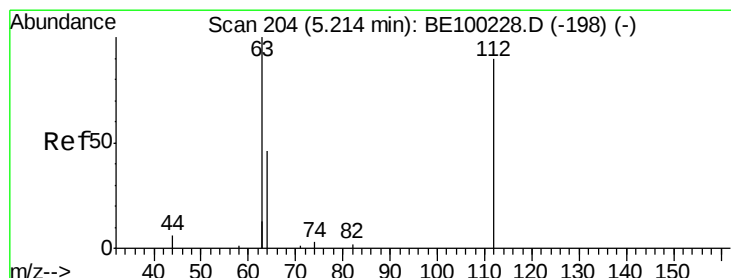
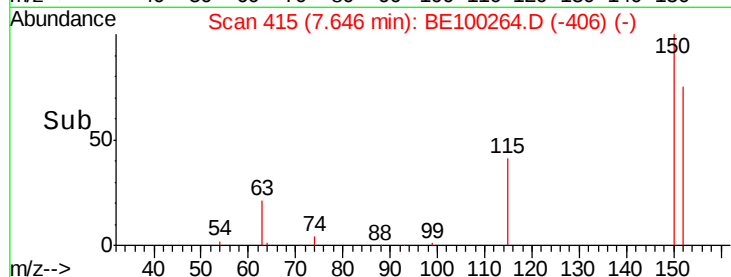
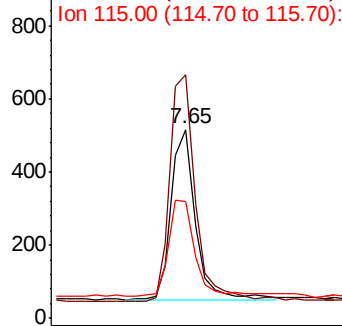
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719

Tgt Ion:152 Resp: 920
Ion Ratio Lower Upper
152 100
150 128.8 114.5 171.7
115 61.5 57.1 85.7



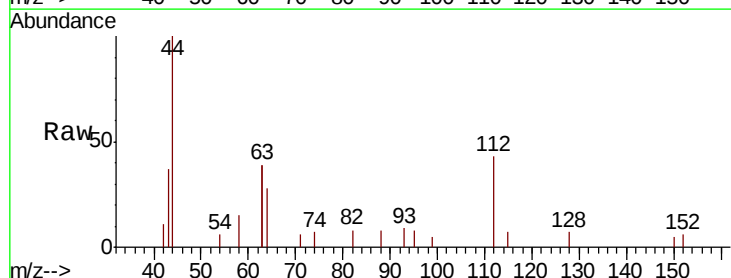
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



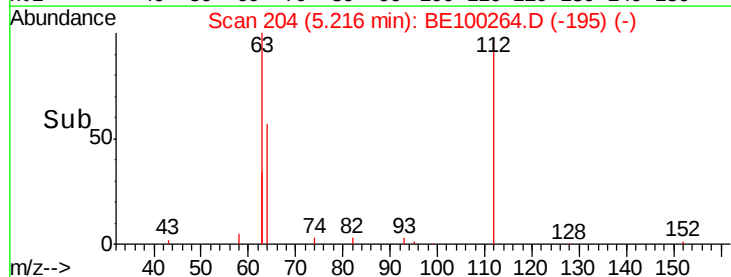
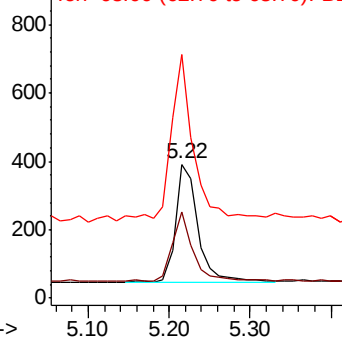
#4

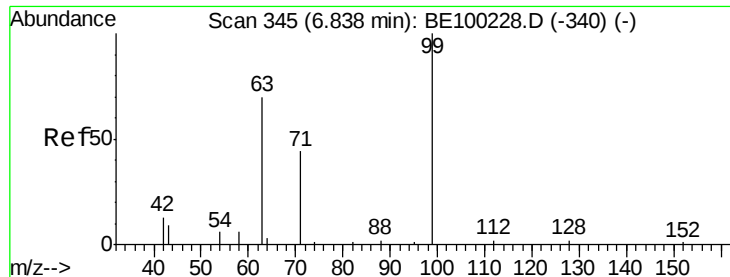
2-Fluorophenol
Concen: 0.277 ng
RT: 5.22 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Tgt Ion:112 Resp: 649
Ion Ratio Lower Upper
112 100
64 55.6 39.4 59.0
63 147.3 104.5 156.7



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





#5

Phenol-d6

Concen: 0.299 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

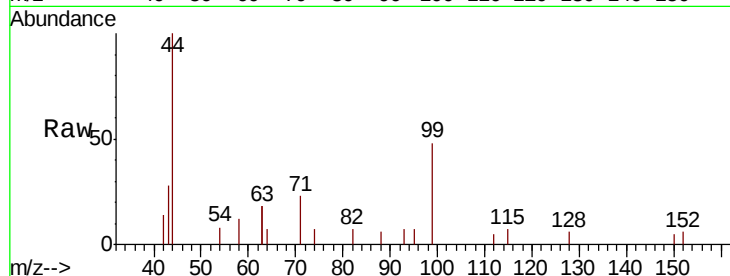
Tgt Ion: 99 Resp: 924

Ion Ratio Lower Upper

99 100

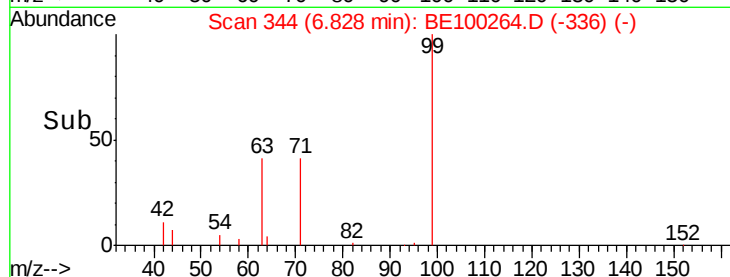
42 19.5 11.2 16.8#

71 42.2 37.2 55.8

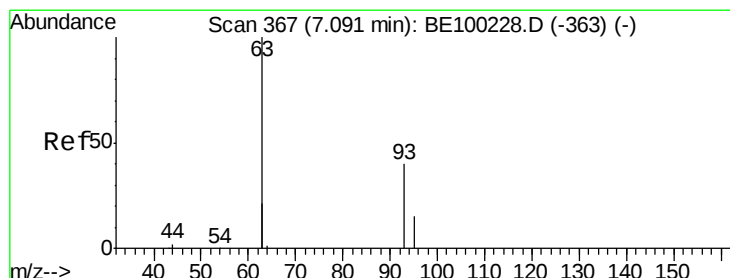


Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1

6.83



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.13 min Scan# 370

Delta R.T. 0.04 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

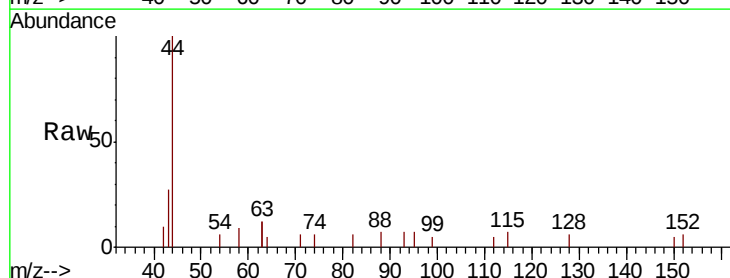
Tgt Ion: 93 Resp: 17

Ion Ratio Lower Upper

93 100

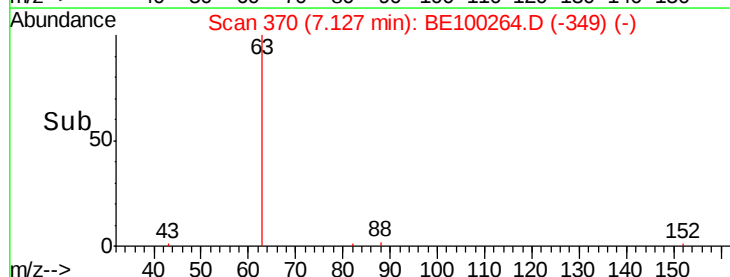
63 70.6 155.6 233.4#

95 0.0 23.0 34.4#



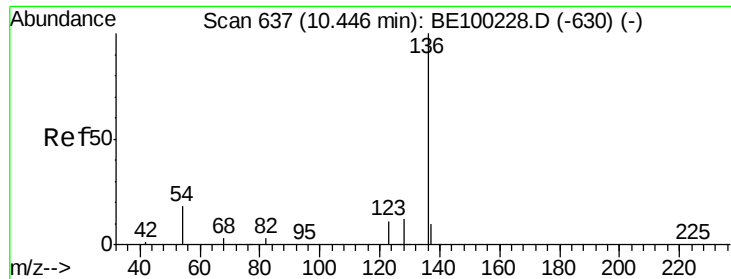
Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1

300



Time-->

7.13



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

Tgt Ion: 136 Resp: 3077

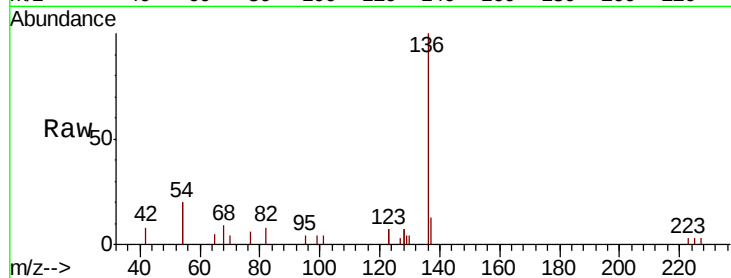
Ion Ratio Lower Upper

136 100

137 13.4 11.8 17.8

54 40.1 27.7 41.5

68 8.9 6.8 10.2

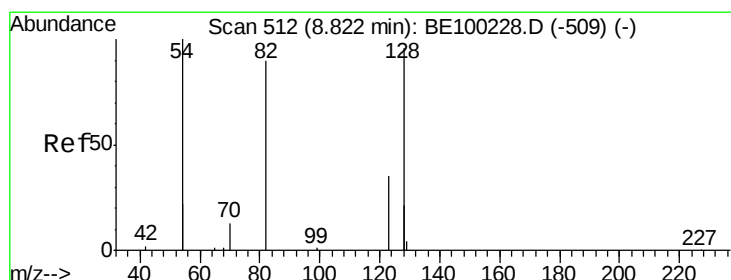
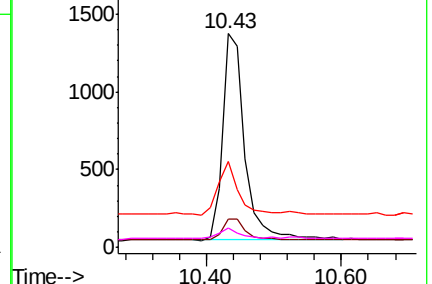
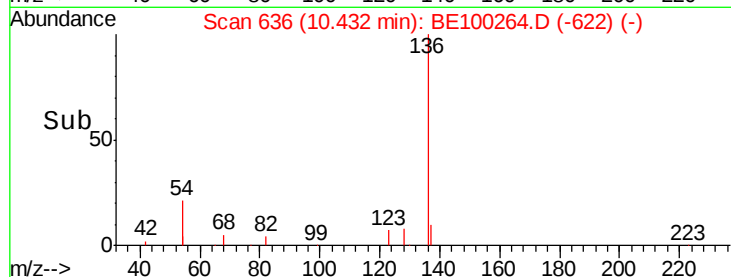


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.290 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

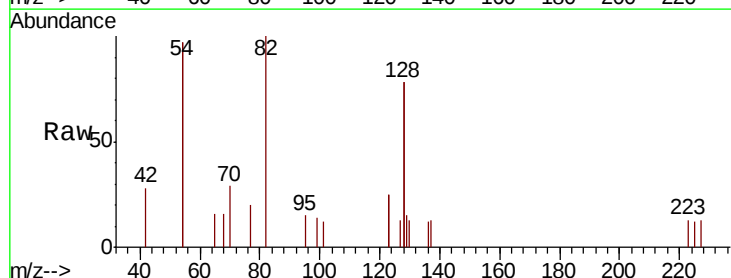
Tgt Ion: 82 Resp: 886

Ion Ratio Lower Upper

82 100

128 155.4 140.9 211.3

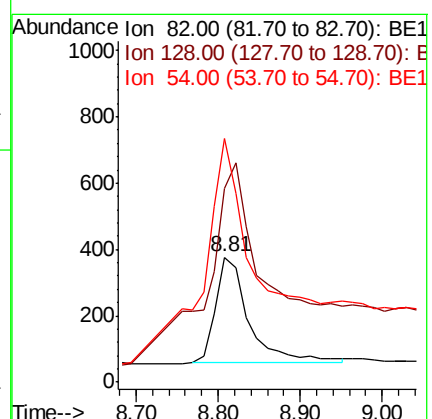
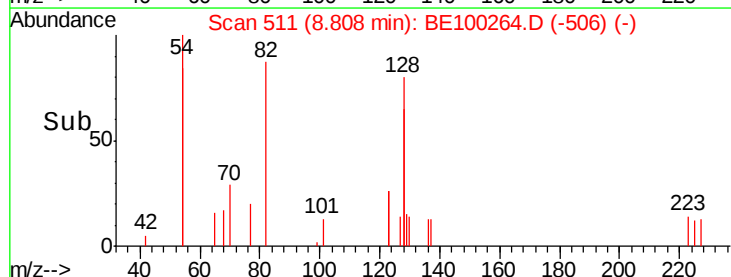
54 194.7 146.2 219.2

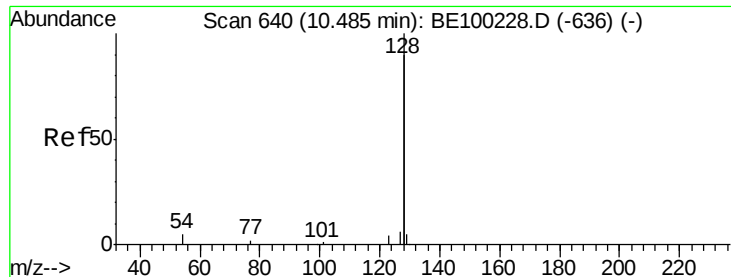


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

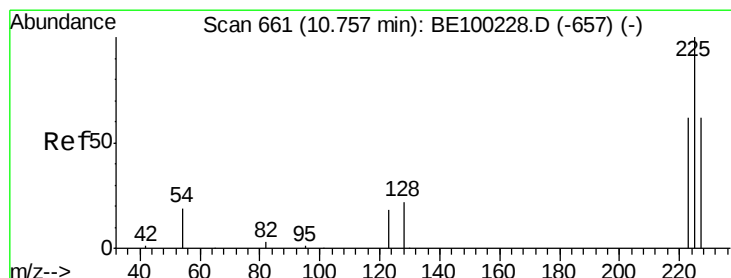
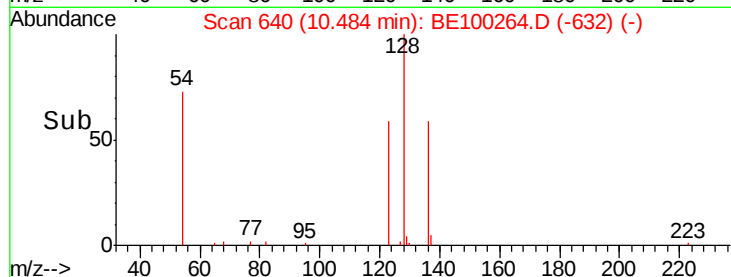
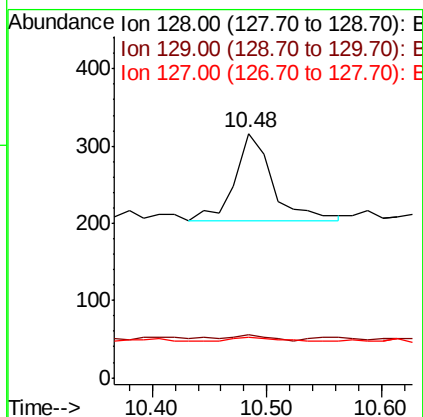
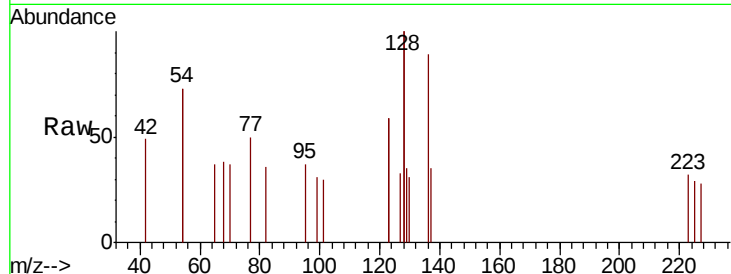




#9
Naphthalene
Concen: 0.007 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

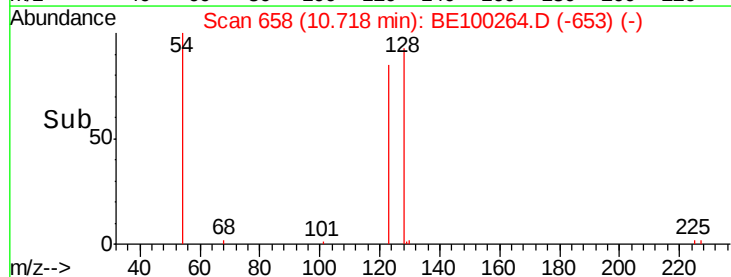
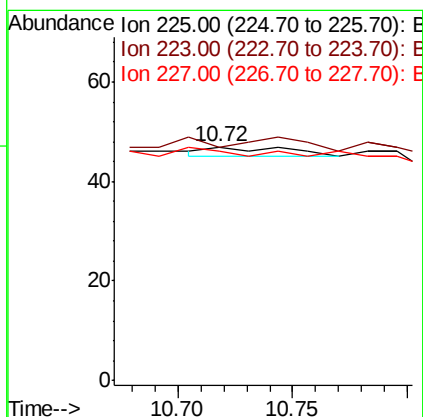
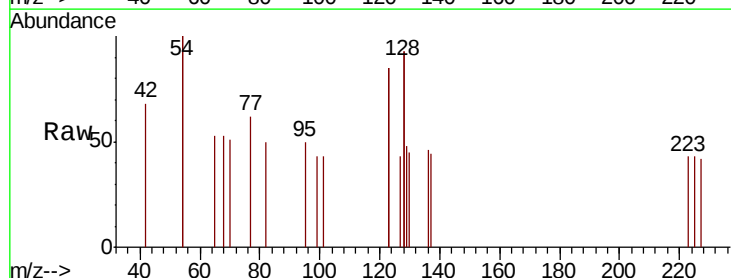
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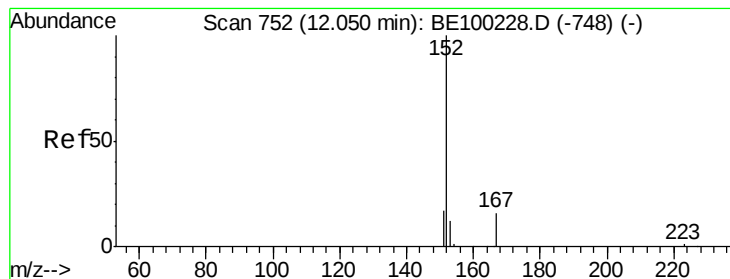
Tgt Ion:128 Resp: 254
Ion Ratio Lower Upper
128 100
129 17.4 3.0 4.6#
127 16.5 3.5 5.3#



#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.04 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 40.0 49.1 73.7#
227 40.0 49.3 73.9#





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

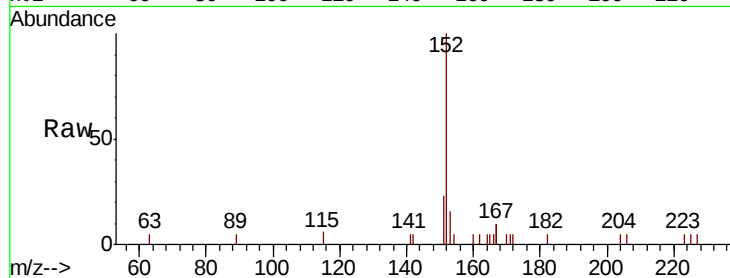
PST-001-B198-061719

Tgt Ion:152 Resp: 2186

Ion Ratio Lower Upper

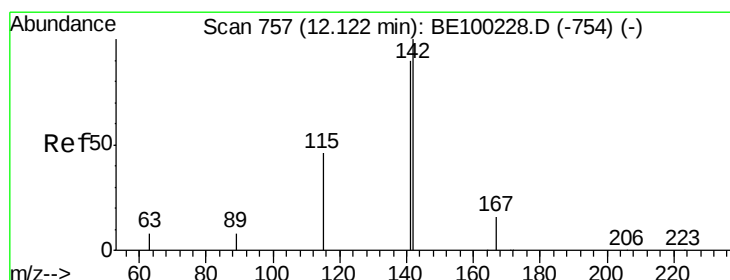
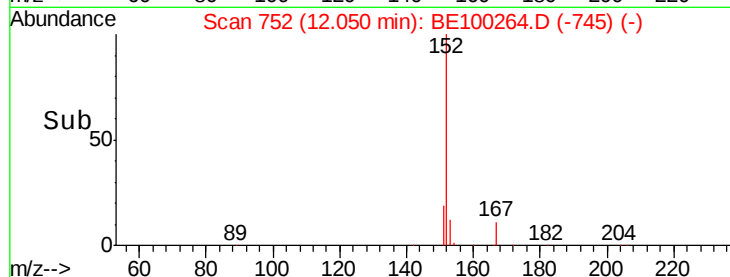
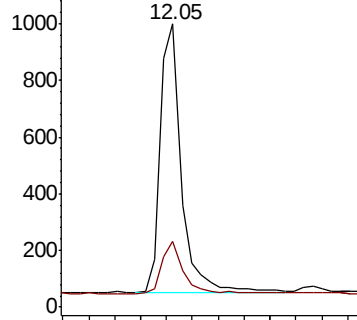
152 100

151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.009 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

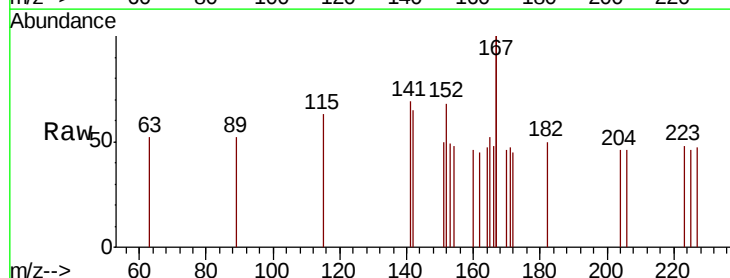
Tgt Ion:142 Resp: 53

Ion Ratio Lower Upper

142 100

141 106.1 72.4 108.6

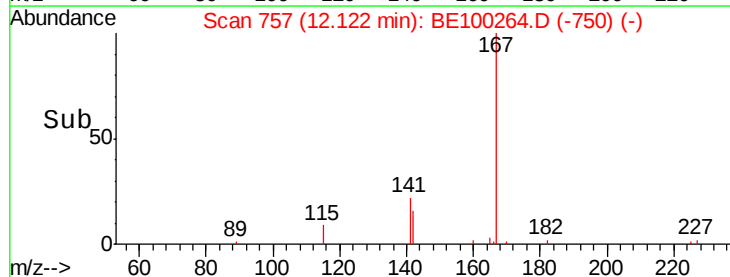
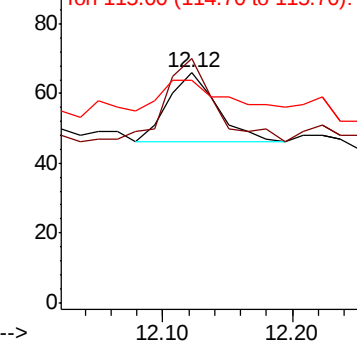
115 97.0 40.4 60.6#

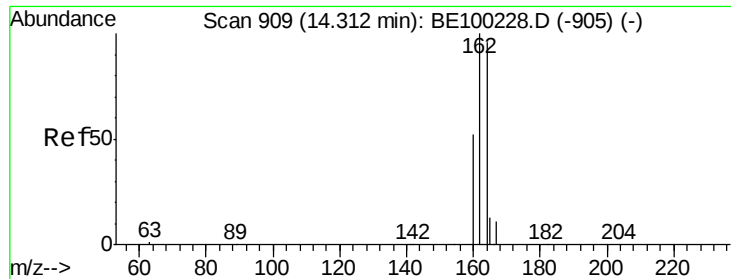


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

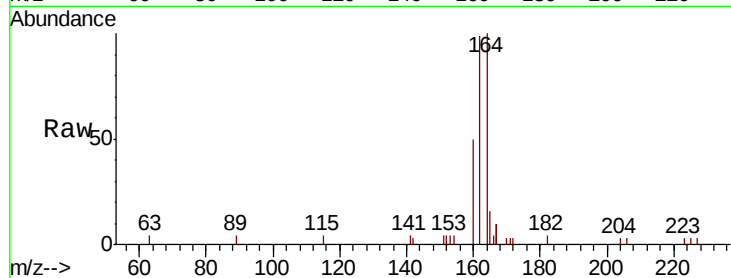




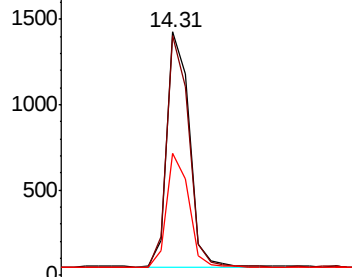
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Instrument :
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PST-001-B198-061719

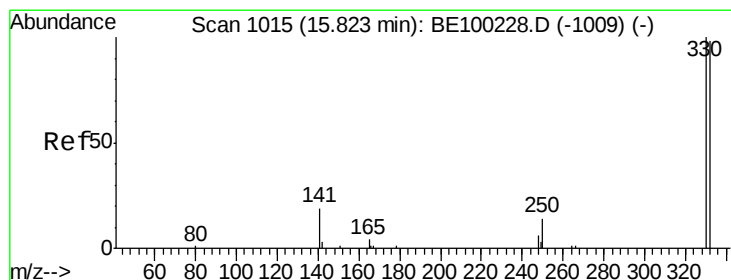
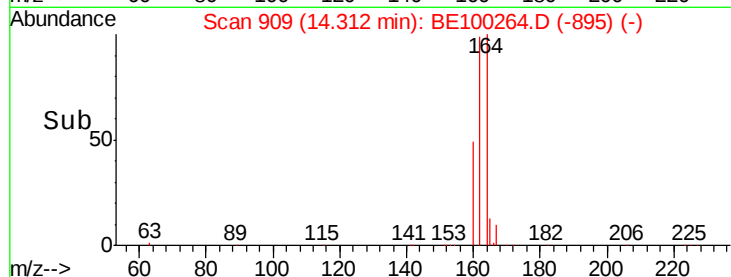
Tgt Ion:164 Resp: 2490
Ion Ratio Lower Upper
164 100
162 98.6 83.4 125.0
160 50.1 45.0 67.6



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

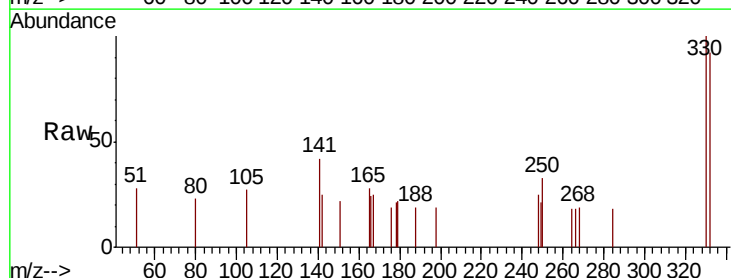


Time--> 14.20 14.30 14.40

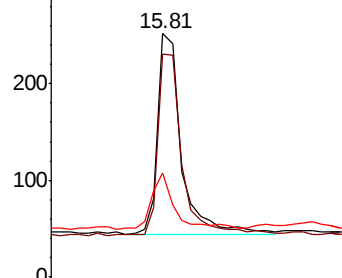


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

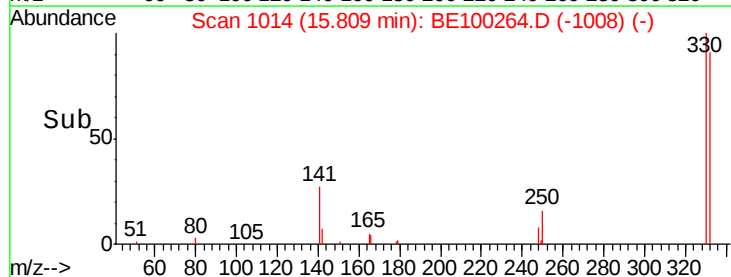
Tgt Ion:330 Resp: 495
Ion Ratio Lower Upper
330 100
332 89.3 77.0 115.4
141 23.4 22.0 33.0

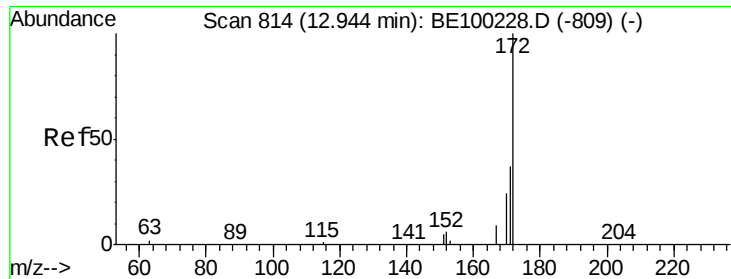


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 15.70 15.80 15.90 16.00

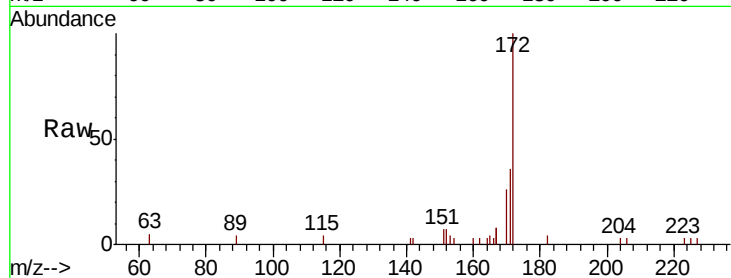




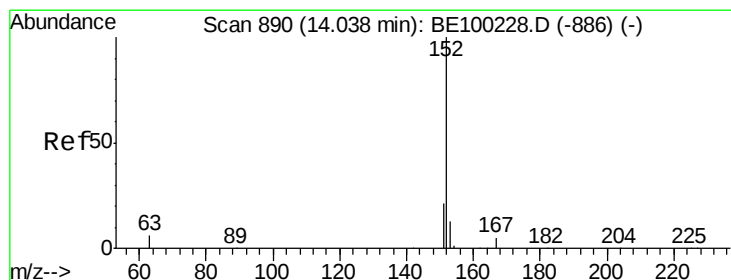
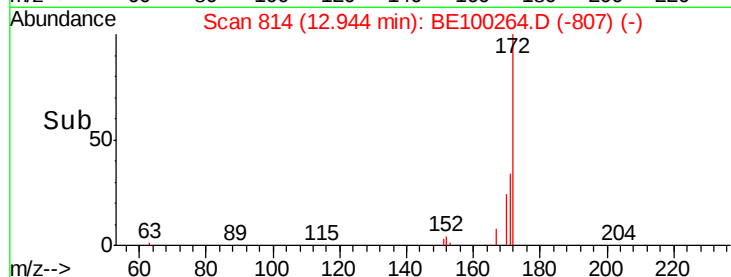
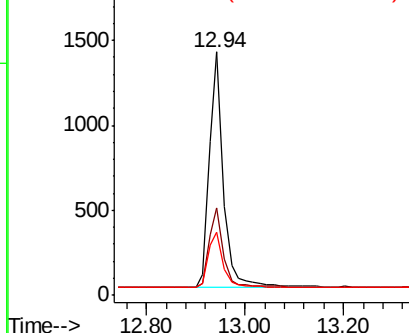
#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719

Tgt Ion:172 Resp: 2747
Ion Ratio Lower Upper
172 100
171 35.8 31.9 47.9
170 25.9 22.2 33.2

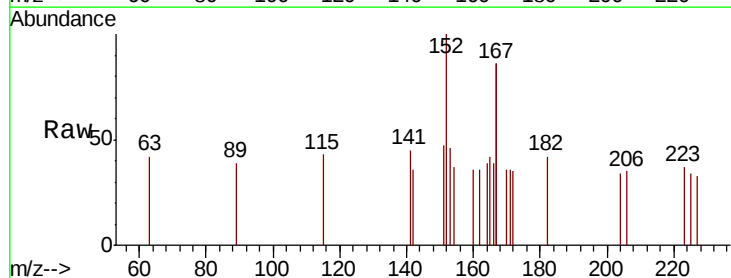


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

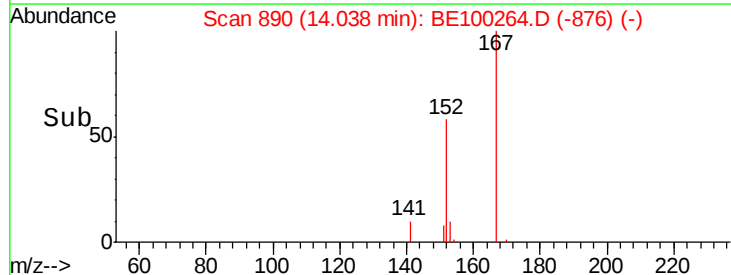
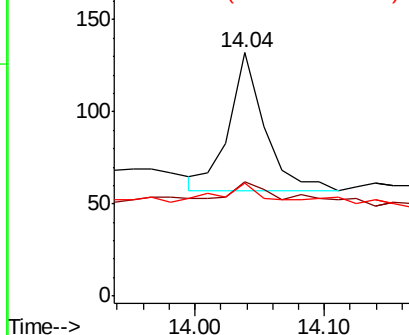


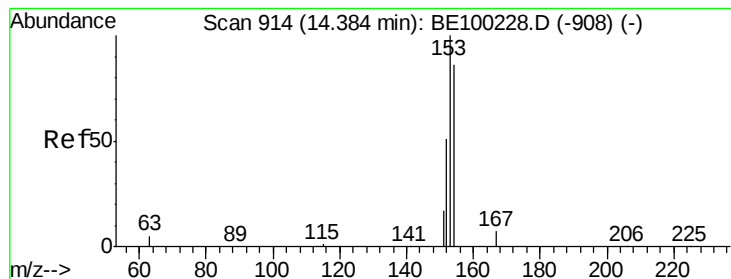
#16
Acenaphthylene
Concen: 0.012 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Tgt Ion:152 Resp: 144
Ion Ratio Lower Upper
152 100
151 28.5 16.6 25.0#
153 13.9 10.5 15.7



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: 0.021 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

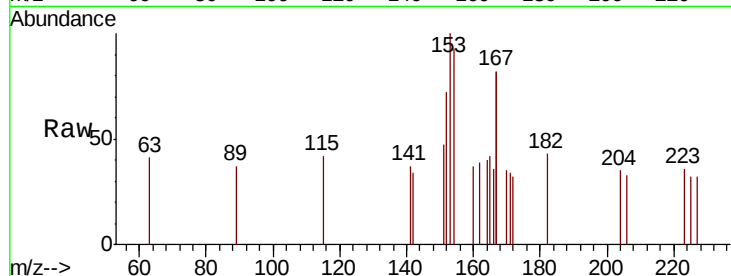
Tgt Ion:154 Resp: 144

Ion Ratio Lower Upper

154 100

153 115.3 93.4 140.2

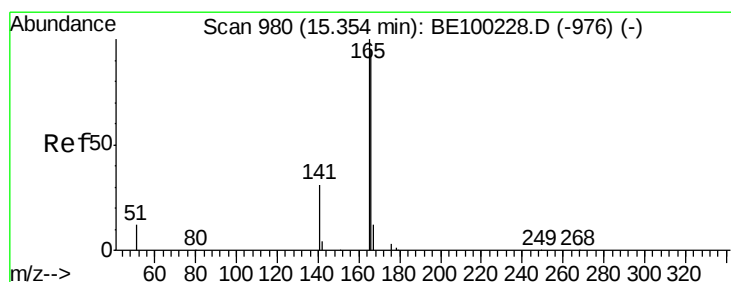
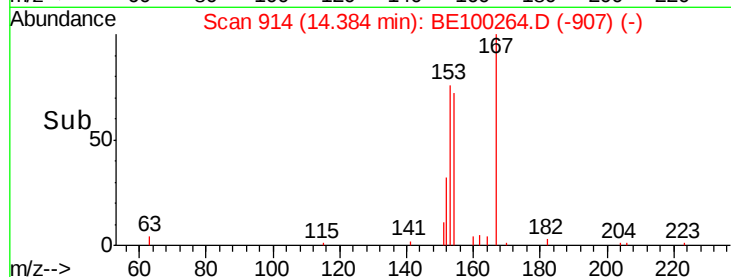
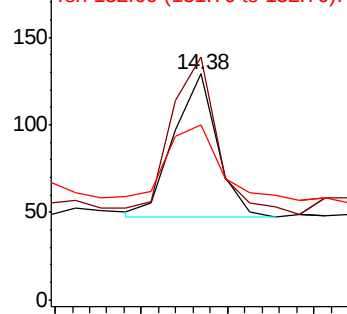
152 74.3 49.4 74.2#



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: 0.018 ng

RT: 15.37 min Scan# 981

Delta R.T. 0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

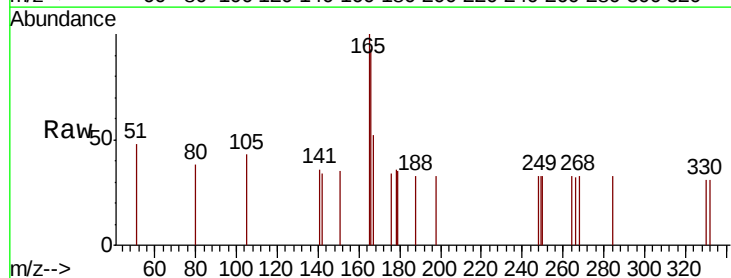
Tgt Ion:166 Resp: 176

Ion Ratio Lower Upper

166 100

165 101.1 81.1 121.7

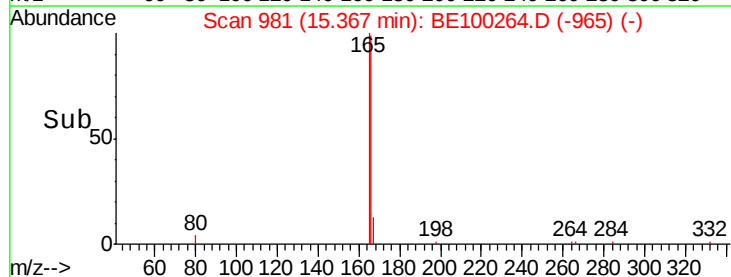
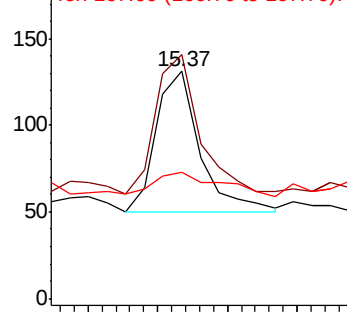
167 27.3 10.7 16.1#

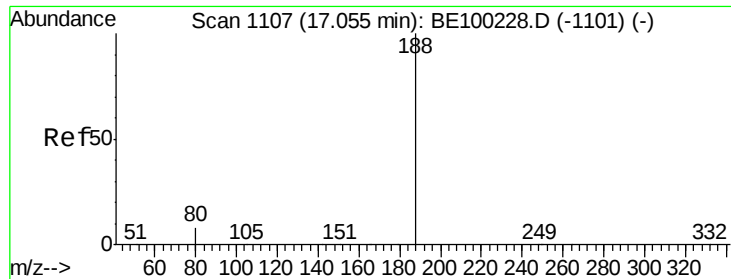


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

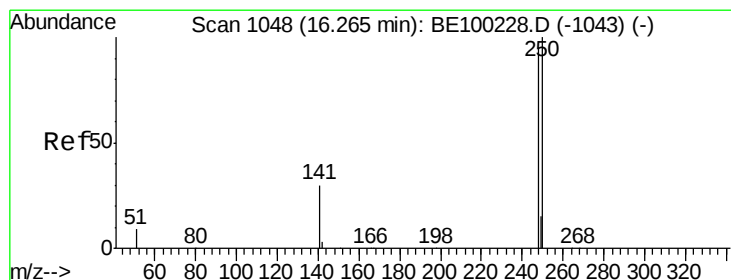
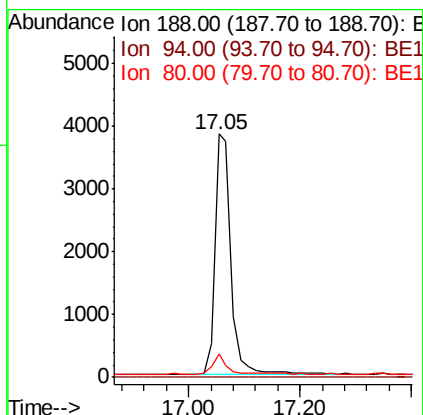
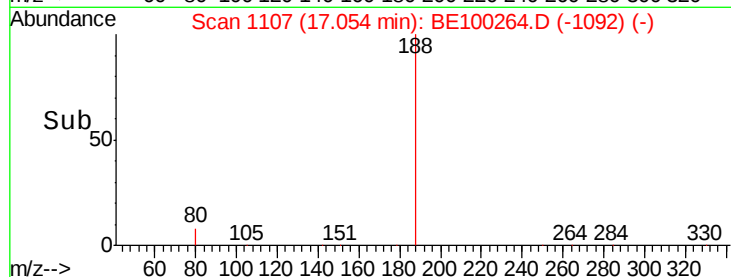
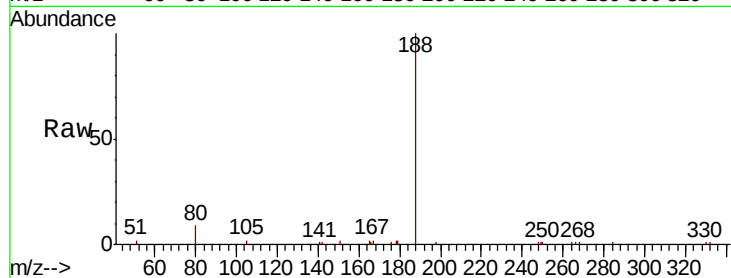
Tgt Ion:188 Resp: 7759

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

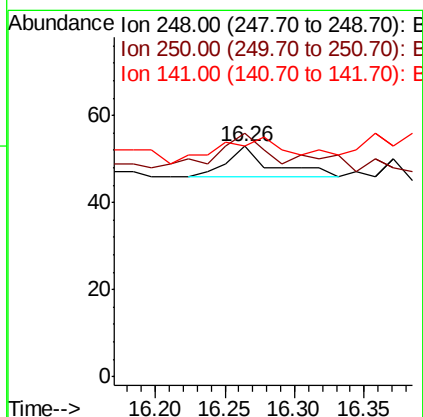
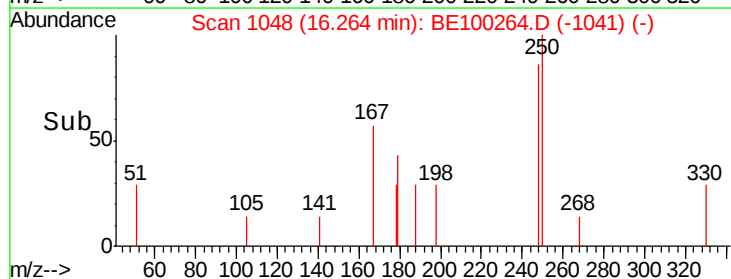
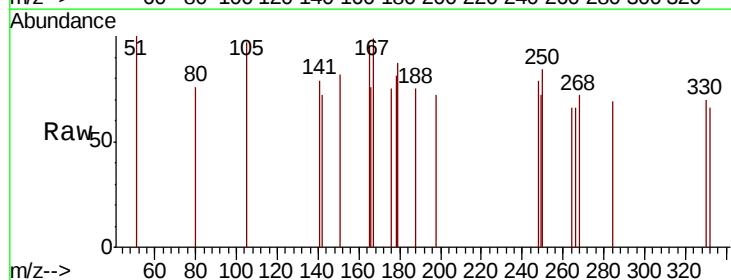
Tgt Ion:248 Resp: 15

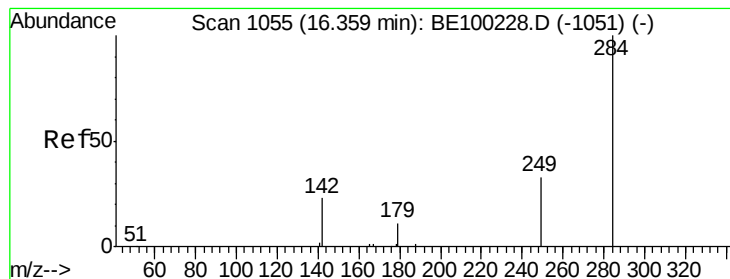
Ion Ratio Lower Upper

248 100

250 105.7 84.2 126.4

141 100.0 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

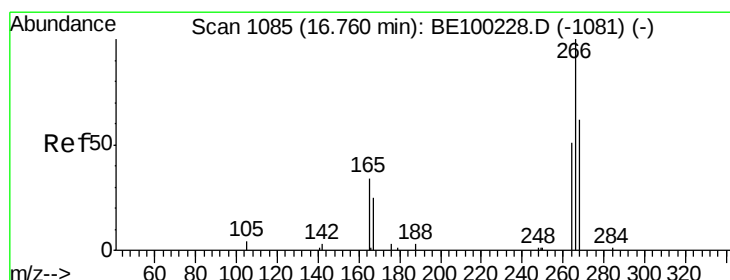
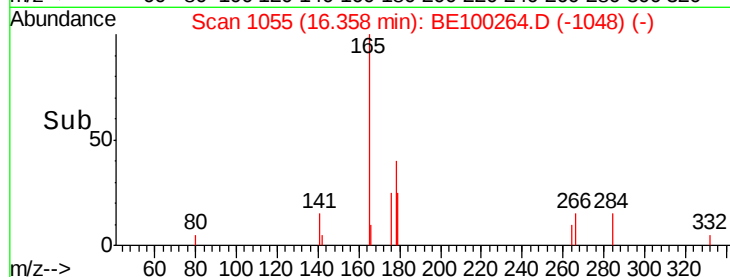
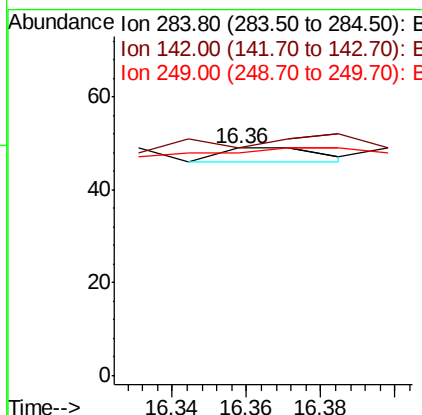
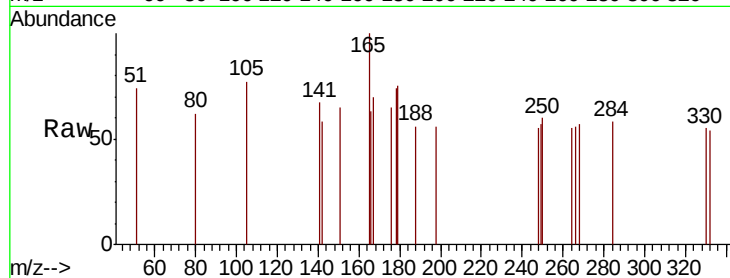
Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

Tgt Ion:	284	Resp:	6
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#



#22

Pentachlorophenol

Concen: 0.003 ng

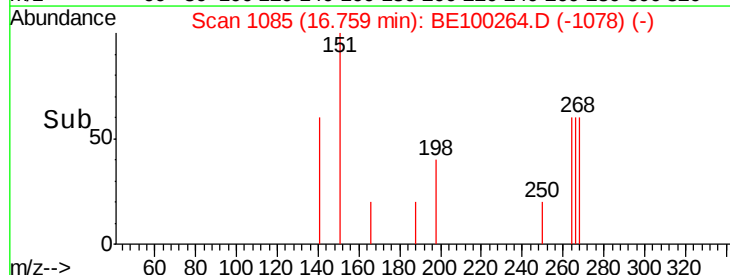
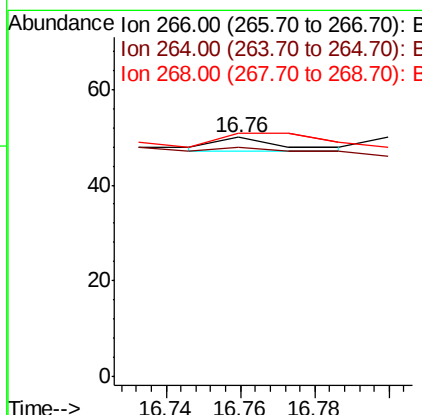
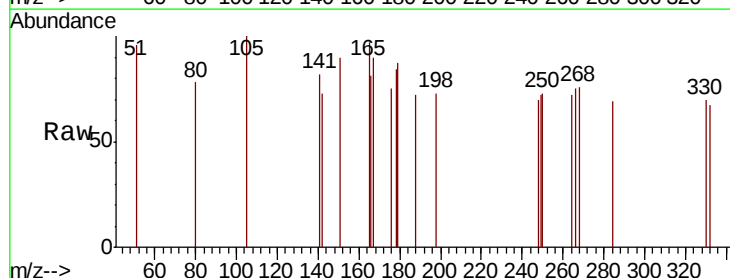
RT: 16.76 min Scan# 1085

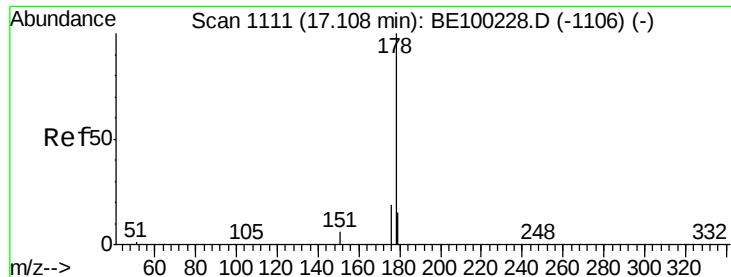
Delta R.T. -0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	96.0	56.2	84.2#
268	102.0	61.8	92.6#





#23

Phenanthrene

Concen: 0.224 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

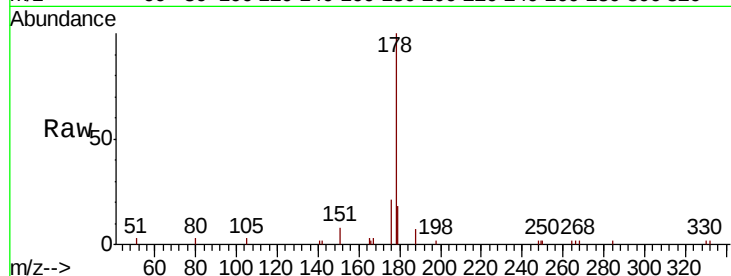
Tgt Ion:178 Resp: 4207

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

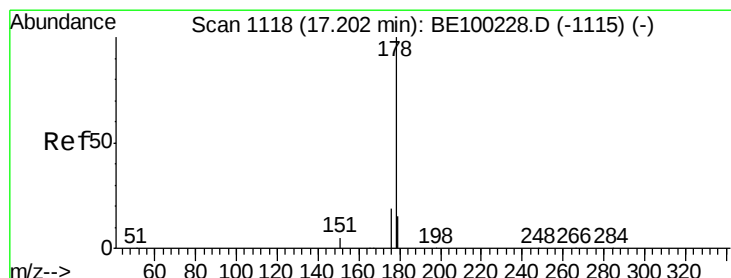
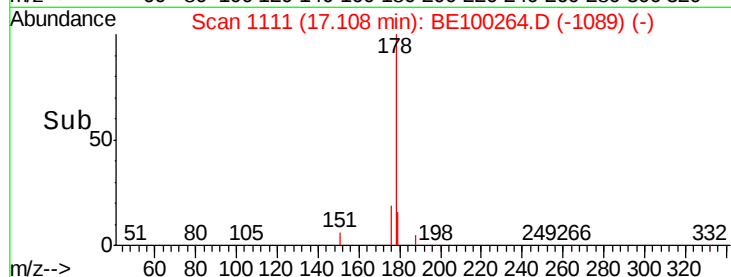
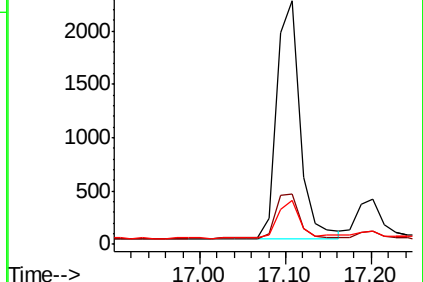
179 16.3 12.2 18.2



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: 0.044 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

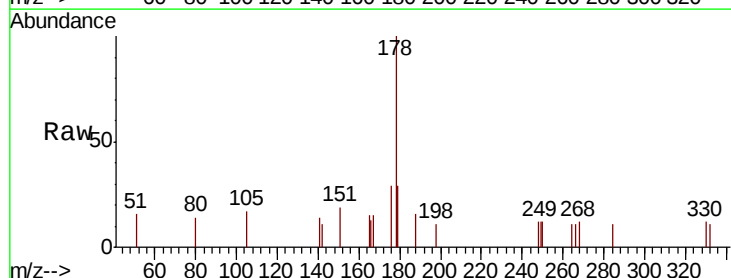
Tgt Ion:178 Resp: 738

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

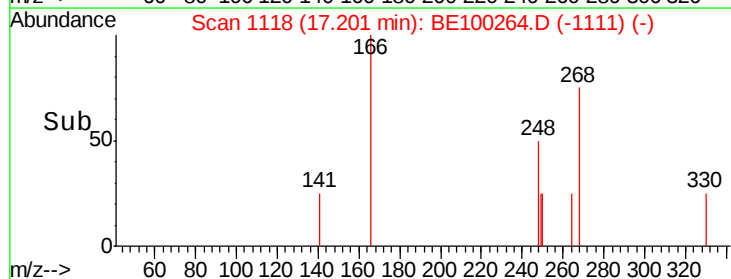
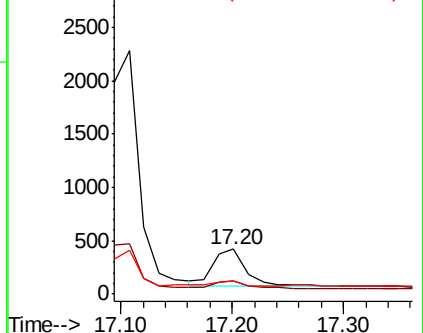
179 13.0 12.2 18.2

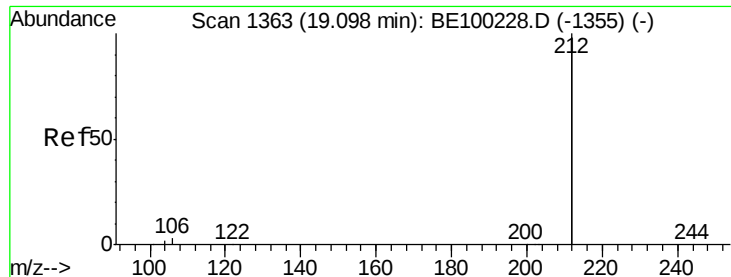


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

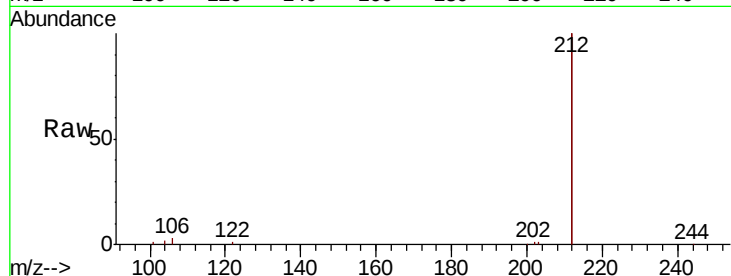
Instrument :

BNA_M

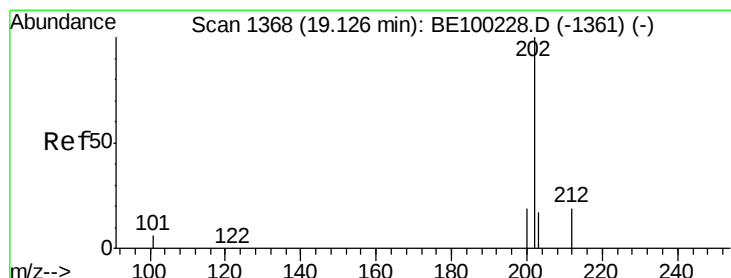
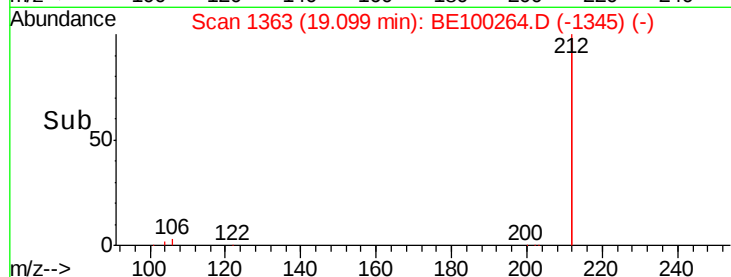
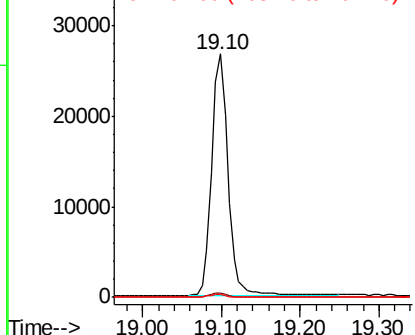
ClientSampleId :

PST-001-B198-061719

Tgt Ion:	212	Resp:	37485
Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.269 ng

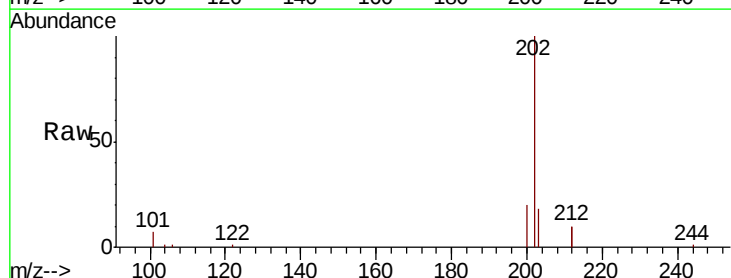
RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

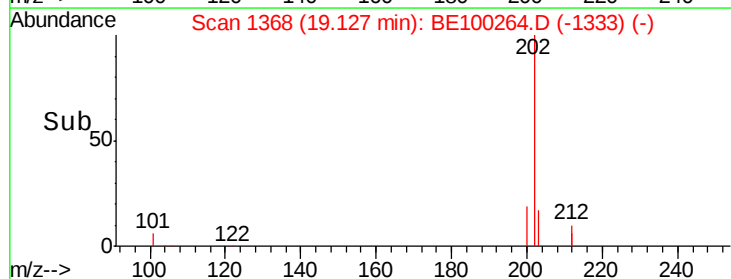
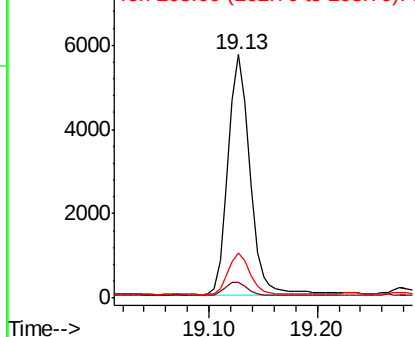
Lab File: BE100264.D

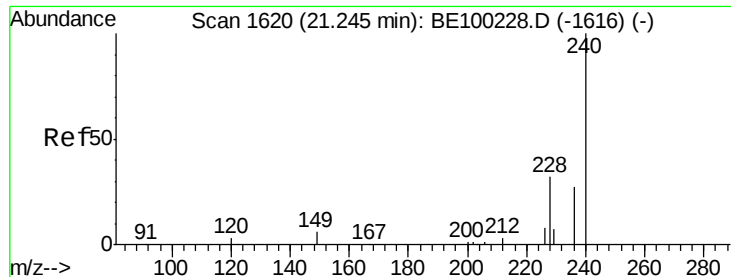
Acq: 1 Jul 2019 14:17

Tgt Ion:	202	Resp:	8061
Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.6	7.0
203	17.0	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

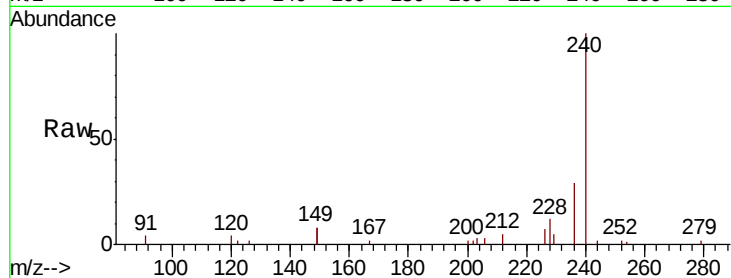




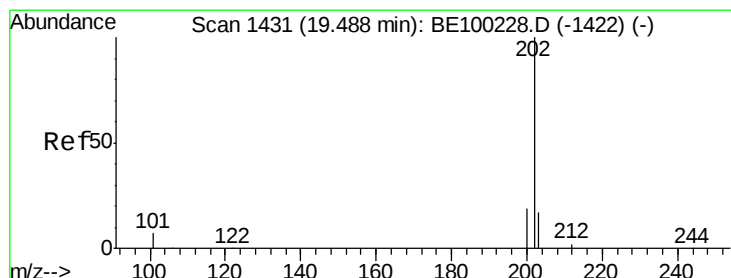
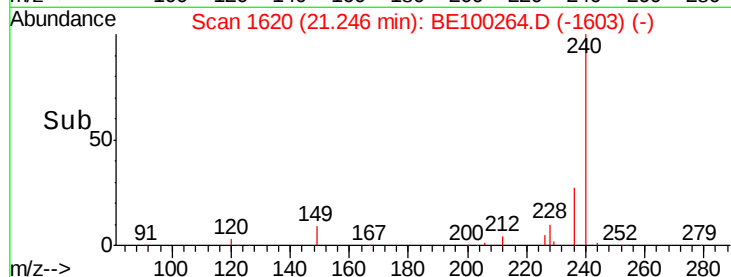
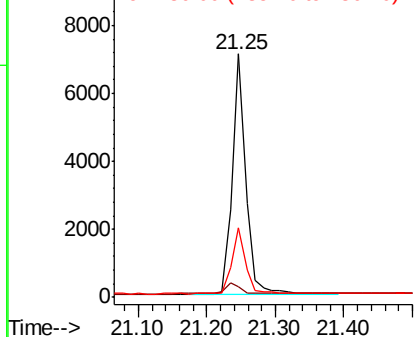
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Instrument :
BNA_M
ClientSampleId :
PST-001-B198-061719

Tgt Ion:240 Resp: 9776
Ion Ratio Lower Upper
240 100
120 4.5 3.3 4.9
236 28.6 22.6 34.0

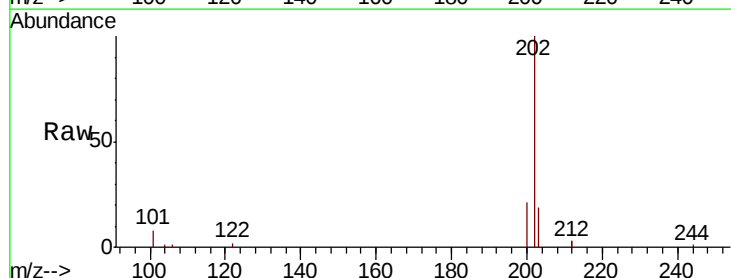


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

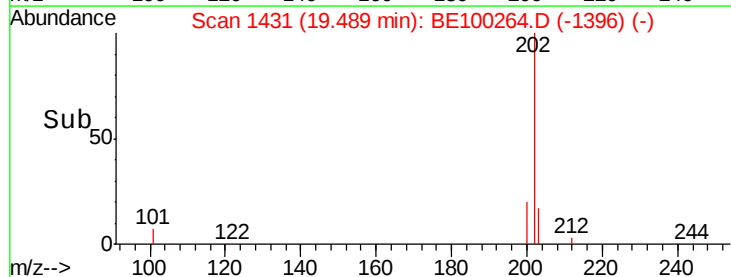
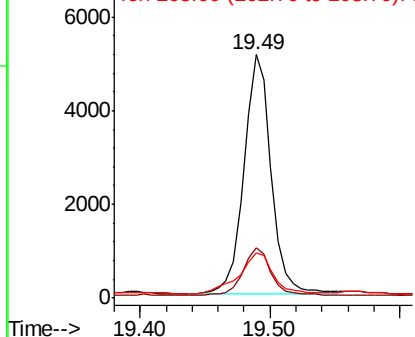


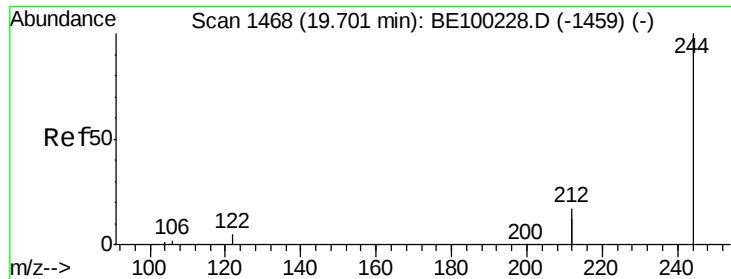
#28
Pyrene
Concen: 0.286 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100264.D
Acq: 1 Jul 2019 14:17

Tgt Ion:202 Resp: 7413
Ion Ratio Lower Upper
202 100
200 19.8 15.6 23.4
203 21.3 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: 0.367 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

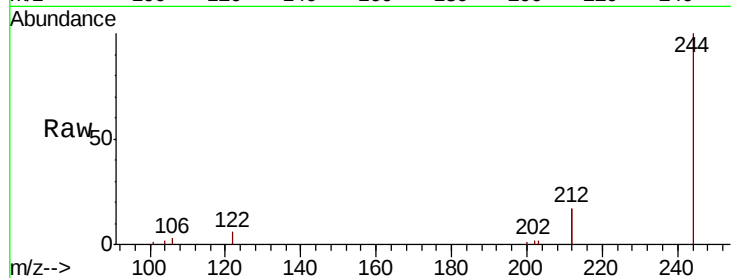
Tgt Ion:244 Resp: 7435

Ion Ratio Lower Upper

244 100

212 33.9 27.3 40.9

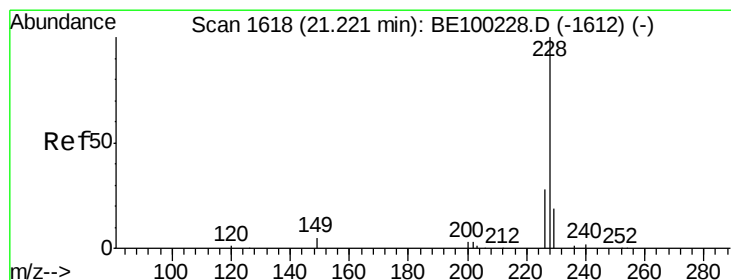
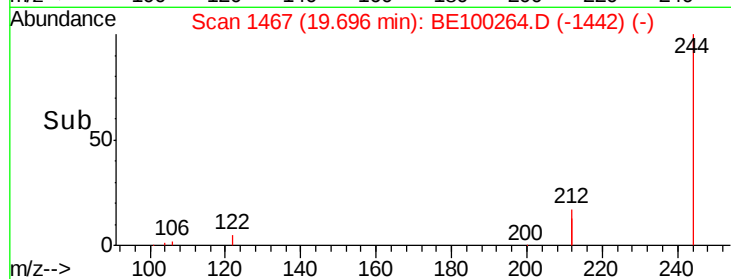
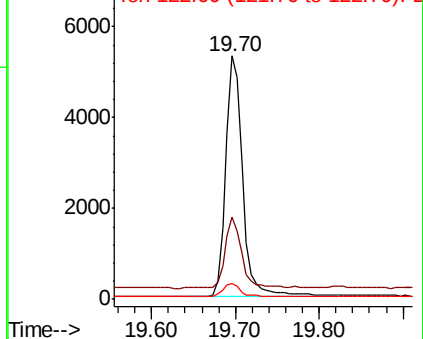
122 6.4 4.7 7.1



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: 0.155 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

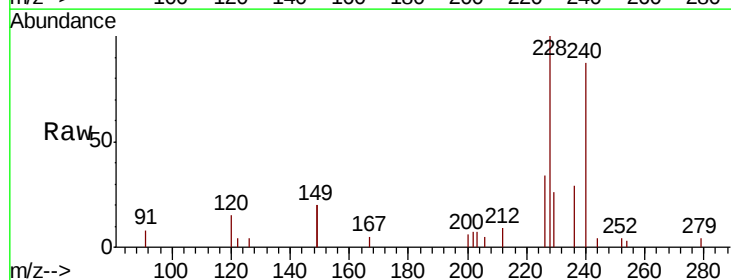
Tgt Ion:228 Resp: 4992

Ion Ratio Lower Upper

228 100

226 33.6 23.2 34.8

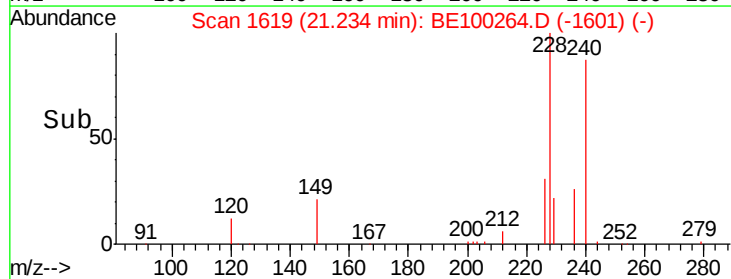
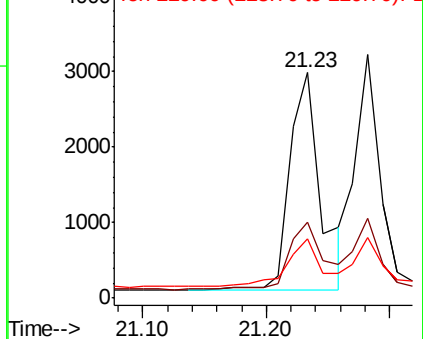
229 26.3 15.7 23.5#

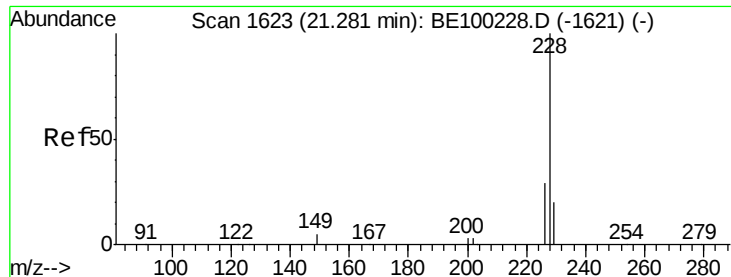


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.131 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

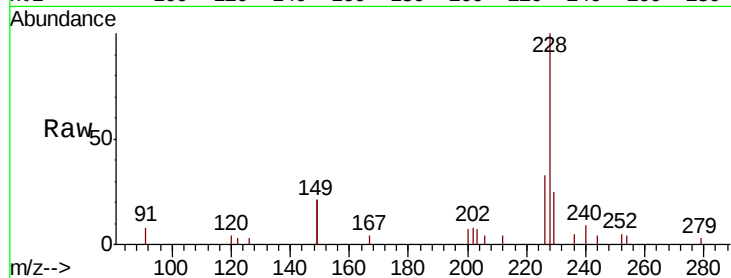
Tgt Ion:228 Resp: 4221

Ion Ratio Lower Upper

228 100

226 32.5 23.9 35.9

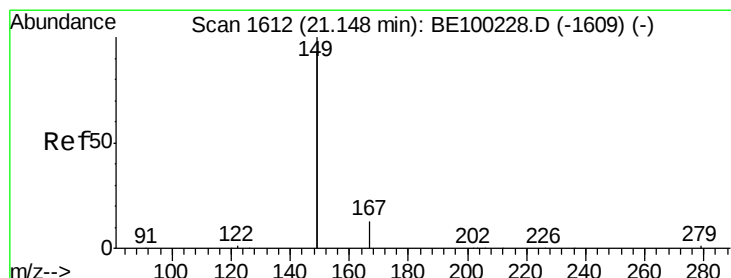
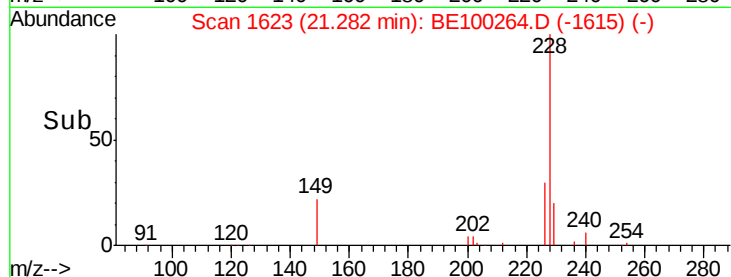
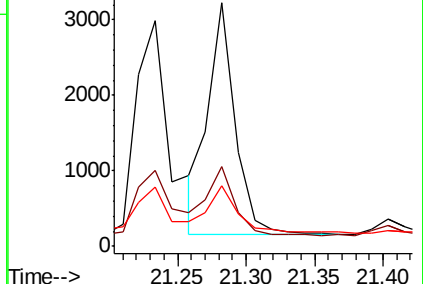
229 25.0 16.5 24.7#



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: 0.074 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

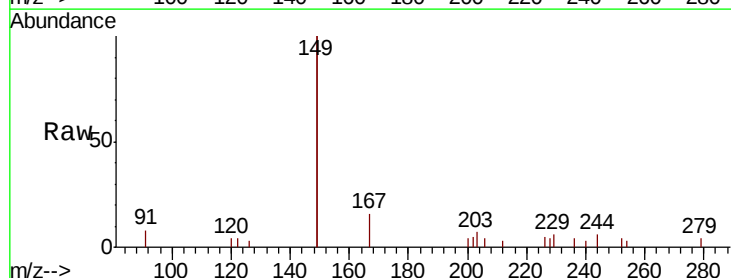
Tgt Ion:149 Resp: 5986

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.8

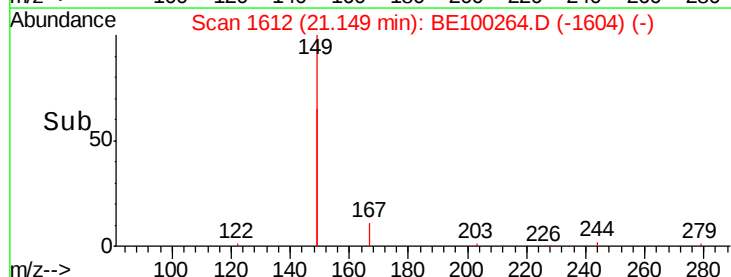
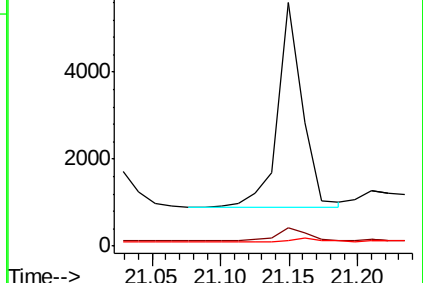
279 2.1 1.1 1.7#

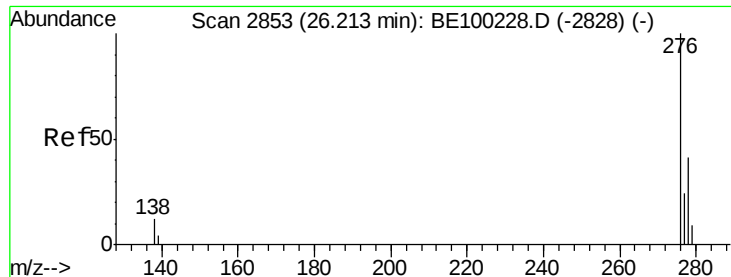


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.060 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

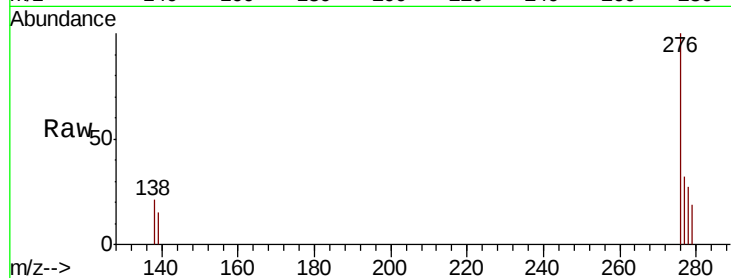
Tgt Ion:276 Resp: 2561

Ion Ratio Lower Upper

276 100

138 10.5 9.4 14.0

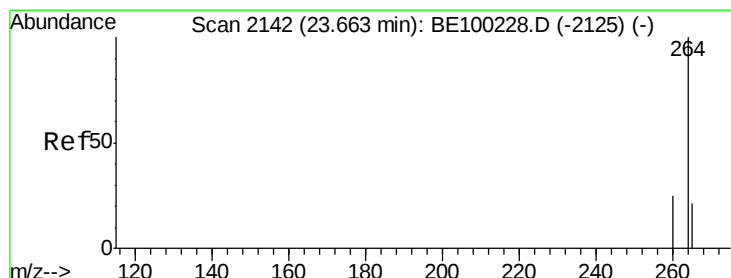
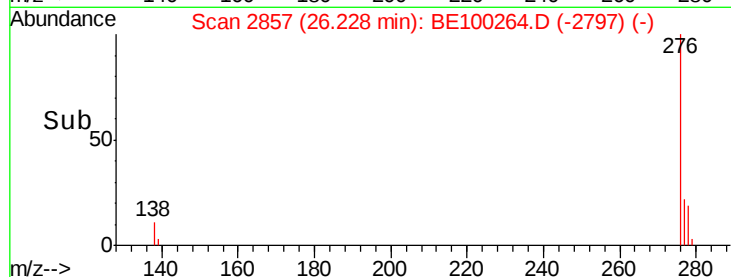
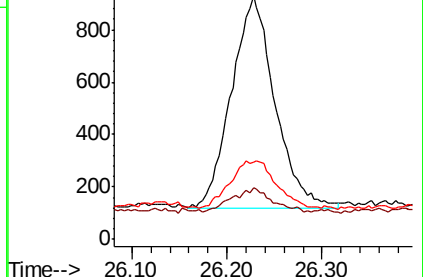
277 23.2 19.2 28.8



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: BE100264.D

Acq: 1 Jul 2019 14:17

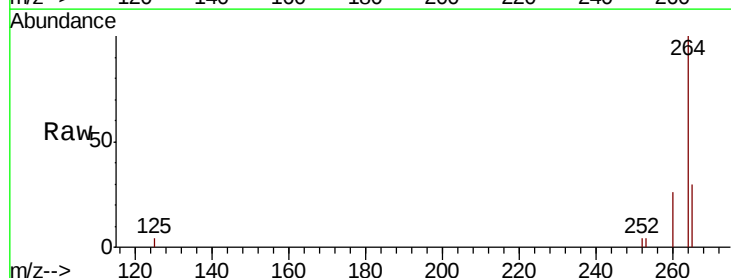
Tgt Ion:264 Resp: 11469

Ion Ratio Lower Upper

264 100

260 25.5 20.8 31.2

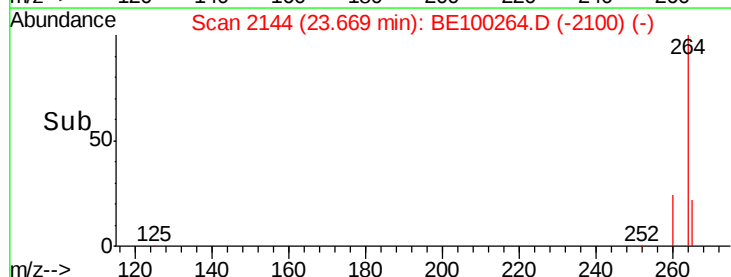
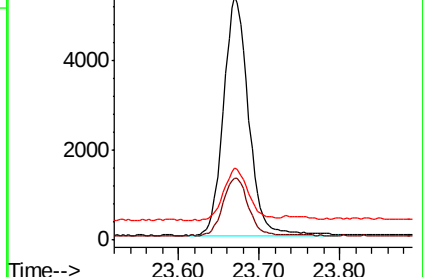
265 29.7 21.8 32.6

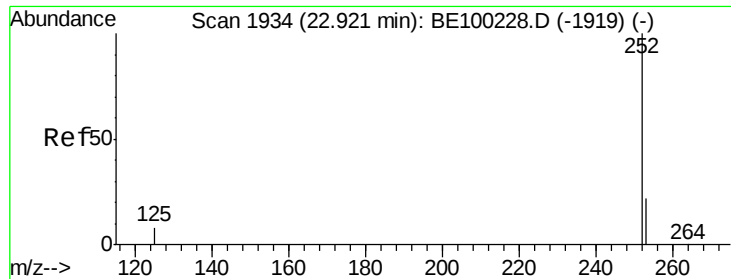


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.168 ng

RT: 22.93 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

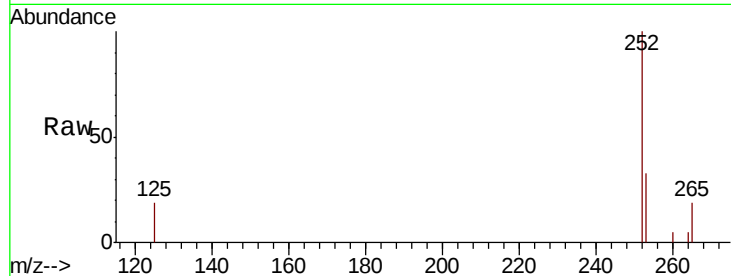
Tgt Ion:252 Resp: 5236

Ion Ratio Lower Upper

252 100

253 32.5 19.2 28.8#

125 19.4 7.4 11.0#

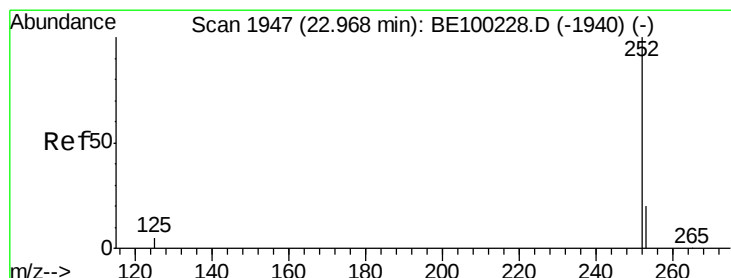
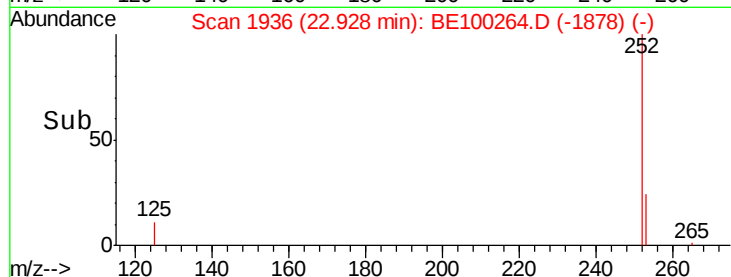
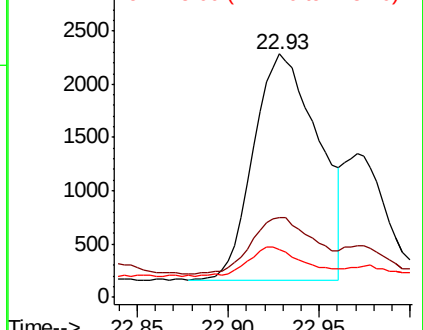


Abundance

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: 0.151 ng

RT: 22.93 min Scan# 1936

Delta R.T. -0.04 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

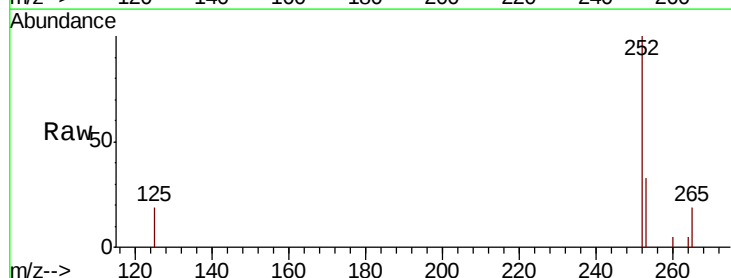
Tgt Ion:252 Resp: 5236

Ion Ratio Lower Upper

252 100

253 32.5 17.9 26.9#

125 19.4 5.0 7.4#

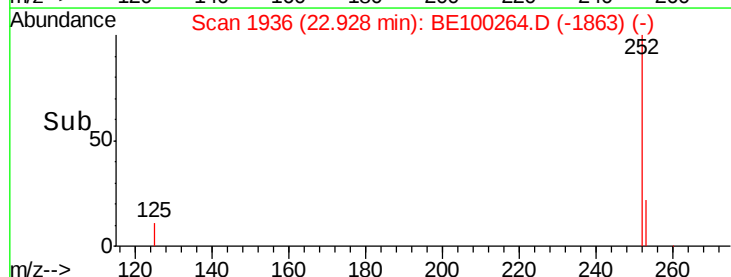
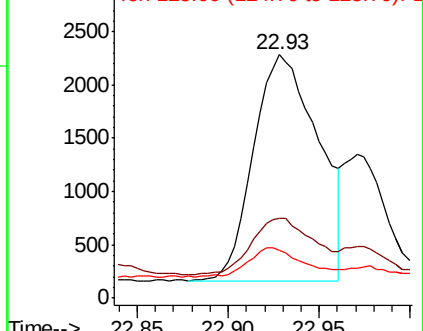


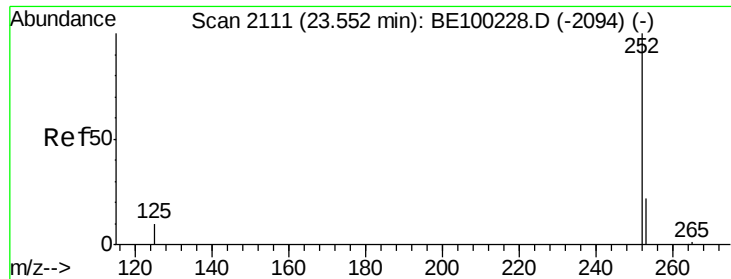
Abundance

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: 0.121 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719

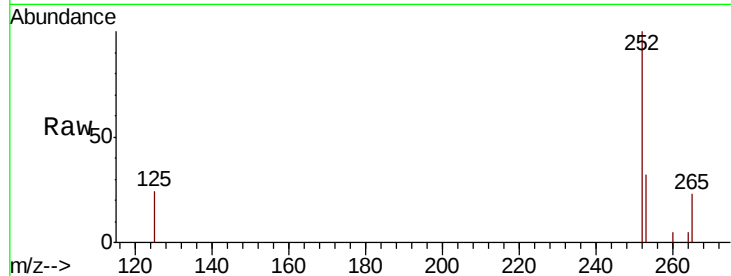
Tgt Ion:252 Resp: 3780

Ion Ratio Lower Upper

252 100

253 32.5 19.6 29.4#

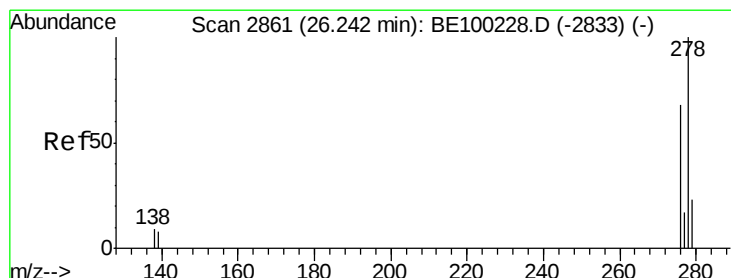
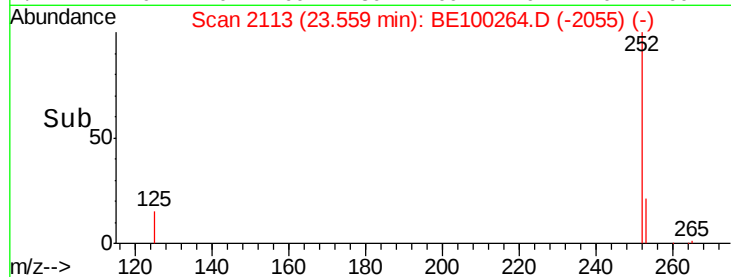
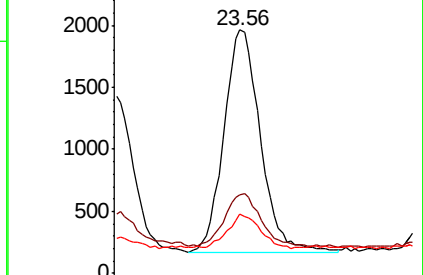
125 24.1 9.0 13.6#



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: 0.021 ng

RT: 26.25 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BE100264.D

Acq: 1 Jul 2019 14:17

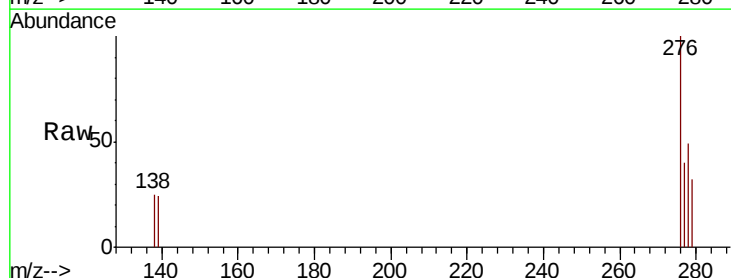
Tgt Ion:278 Resp: 679

Ion Ratio Lower Upper

278 100

139 48.9 8.2 12.2#

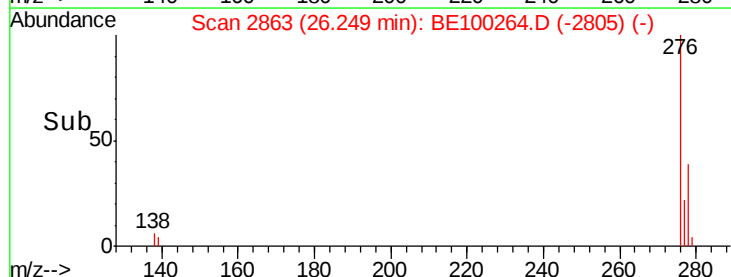
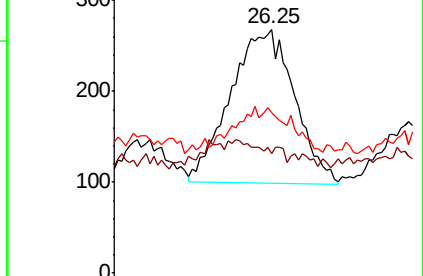
279 66.0 20.3 30.5#

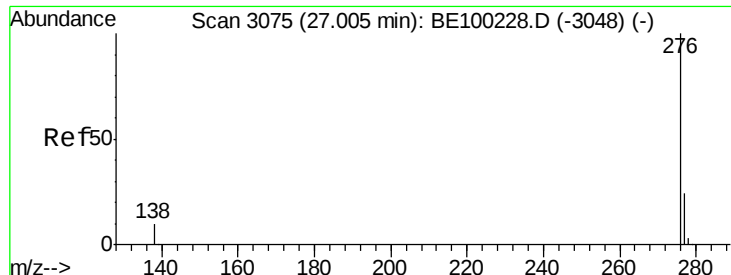


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.078 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100264.D

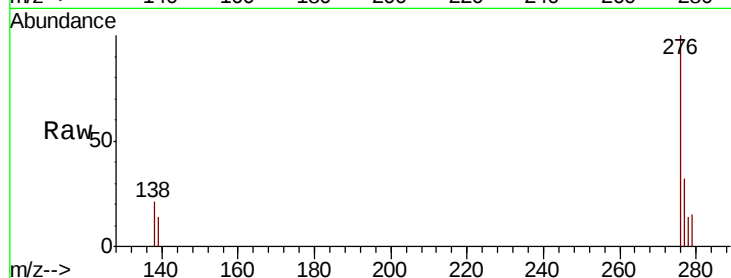
Acq: 1 Jul 2019 14:17

Instrument :

BNA_M

ClientSampleId :

PST-001-B198-061719



Tgt Ion: 276 Resp: 2619

Ion Ratio Lower Upper

276 100

277 32.3 20.2 30.2#

138 21.3 9.0 13.6#

