

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100305.D
 Acq On : 2 Jul 2019 16:51
 Operator : JU/SJ
 Sample : K3446-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-007-B255-061819DL

Quant Time: Jul 03 02:13:11 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

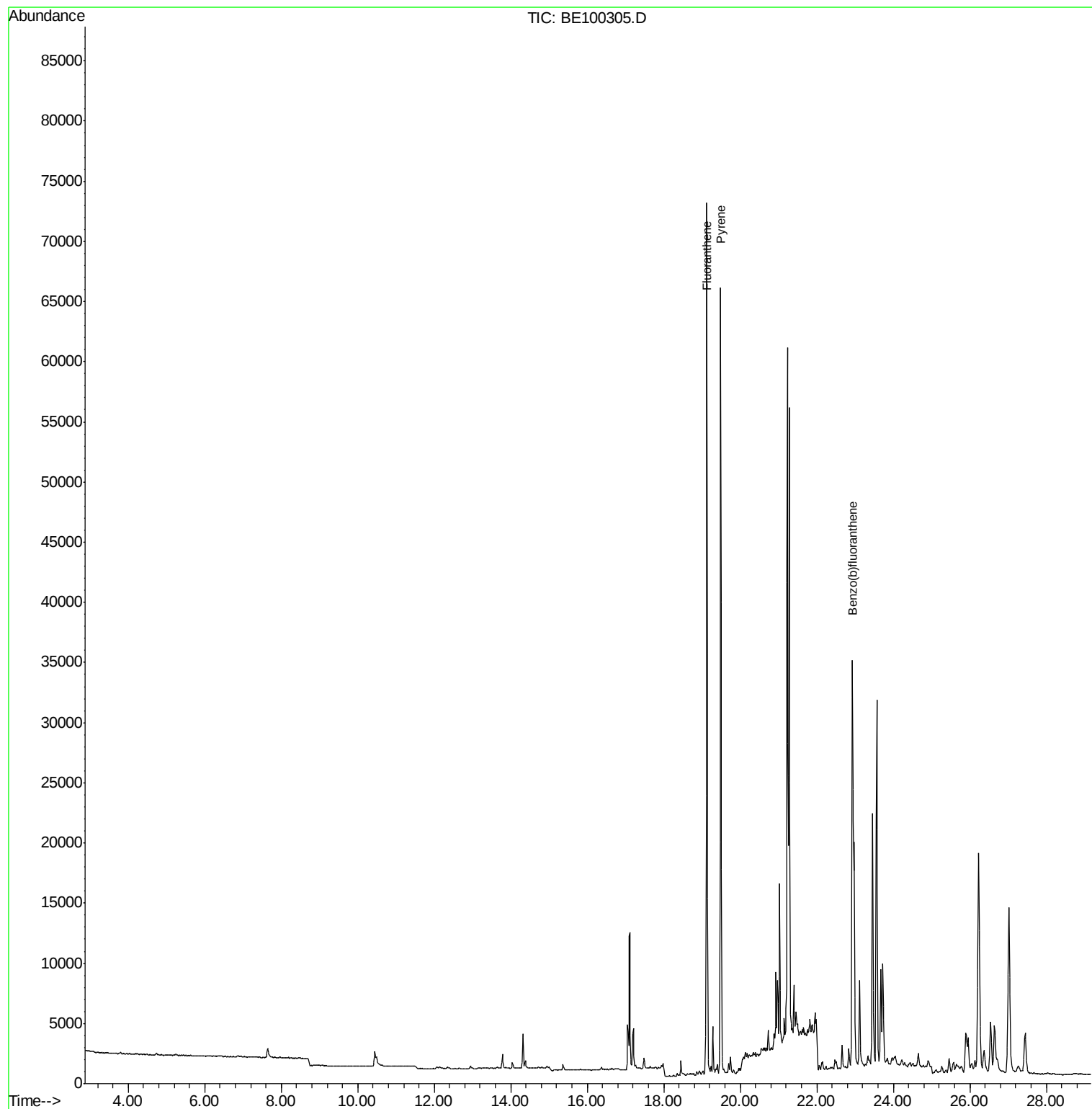
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	685	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2624	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2156	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6629	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9110	0.40	ng	0.00
34) Perylene-d12	23.68	264	11099	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	78	0.04	ng	0.00
5) Phenol-d6	6.87	99	101	0.04	ng	0.03
8) Nitrobenzene-d5	8.85	82	88	0.03	ng	0.03
11) 2-Methylnaphthalene-d10	12.07	152	279	0.06	ng	0.01
14) 2,4,6-Tribromophenol	15.82	330	65	0.04	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	277	0.03	ng	0.01
25) Fluoranthene-d10	19.10	212	5192	0.05	ng	0.00
29) Terphenyl-d14	19.70	244	807	0.04	ng	0.00
Target Compounds						
26) Fluoranthene	19.13	202	66820	2.611	ng	99
28) Pyrene	19.49	202	63762	2.644	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	2115	Below Cal	#	97
35) Benzo(b)fluoranthene	22.93	252	64577	2.146	ng	# 97

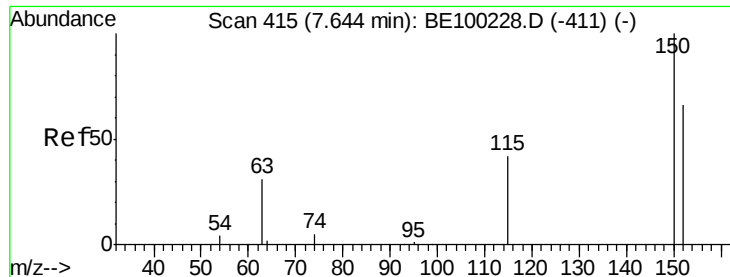
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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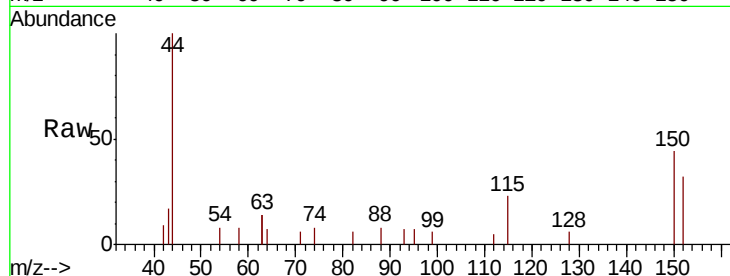


#1

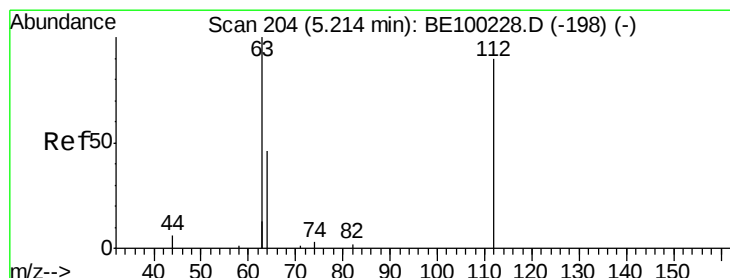
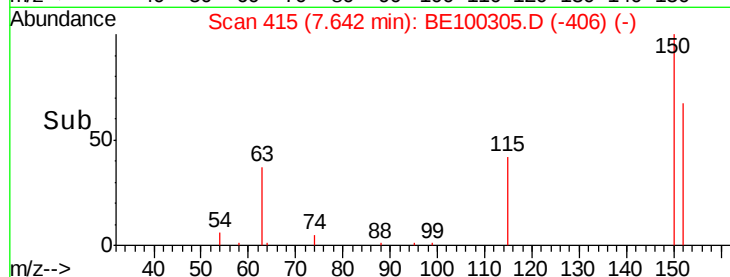
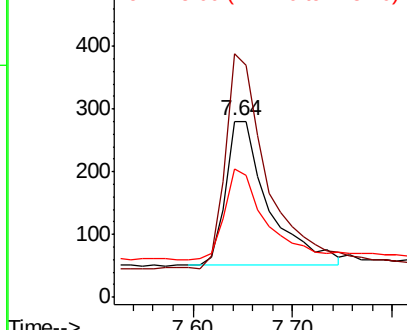
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100305.D
Acq: 2 Jul 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PST-007-B255-061819DL

Tgt Ion:152 Resp: 685
Ion Ratio Lower Upper
152 100
150 138.6 114.5 171.7
115 73.2 57.1 85.7



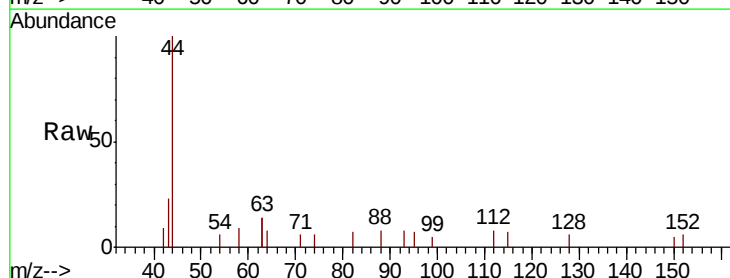
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



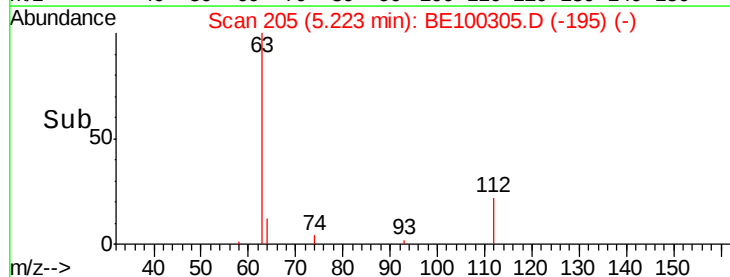
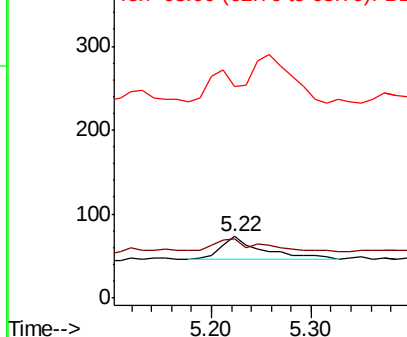
#4

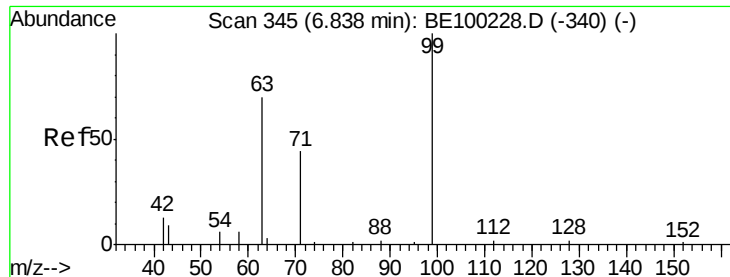
2-Fluorophenol
Concen: 0.045 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100305.D
Acq: 2 Jul 2019 16:51

Tgt Ion:112 Resp: 78
Ion Ratio Lower Upper
112 100
64 64.1 39.4 59.0#
63 79.5 104.5 156.7#



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: 0.044 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.03 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PST-007-B255-061819DL

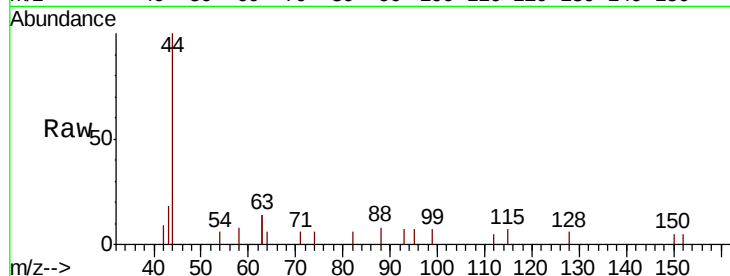
Tgt Ion: 99 Resp: 101

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

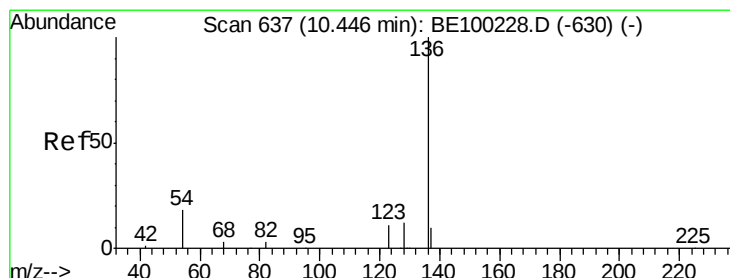
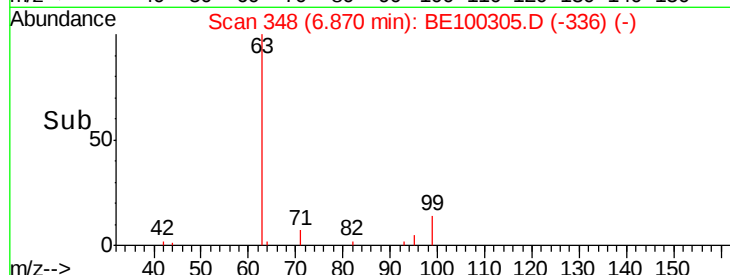
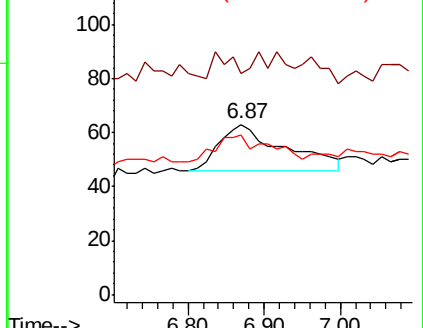
71 49.5 37.2 55.8



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Tgt Ion: 136 Resp: 2624

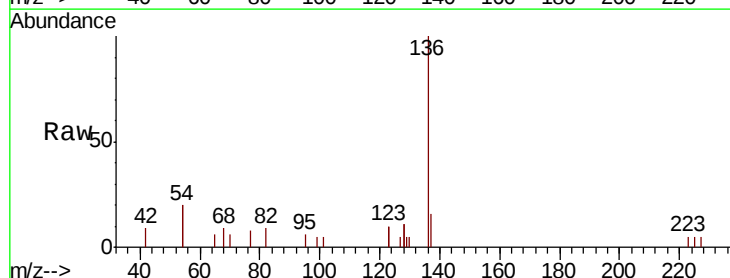
Ion Ratio Lower Upper

136 100

137 15.5 11.8 17.8

54 39.1 27.7 41.5

68 9.2 6.8 10.2

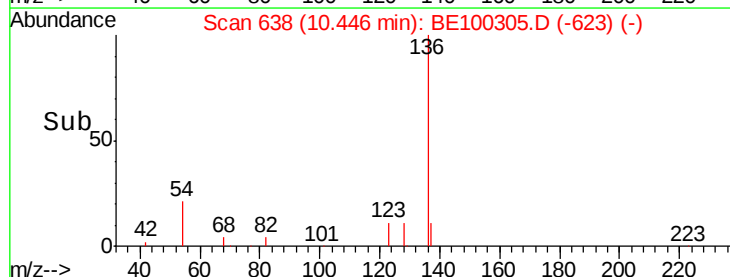
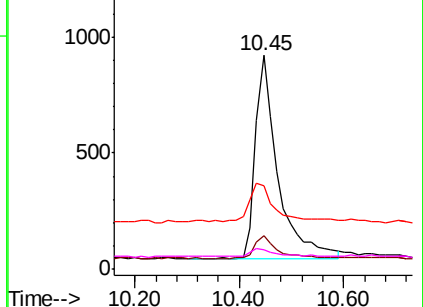


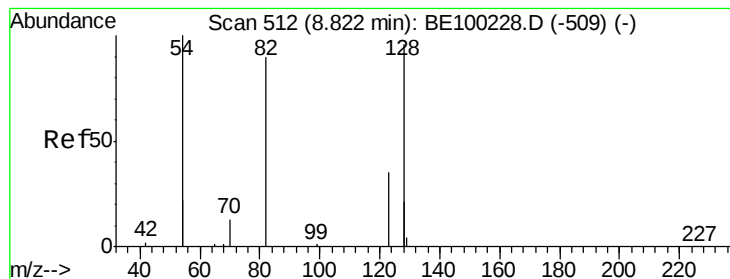
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.034 ng

RT: 8.85 min Scan# 515

Delta R.T. 0.03 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PST-007-B255-061819DL

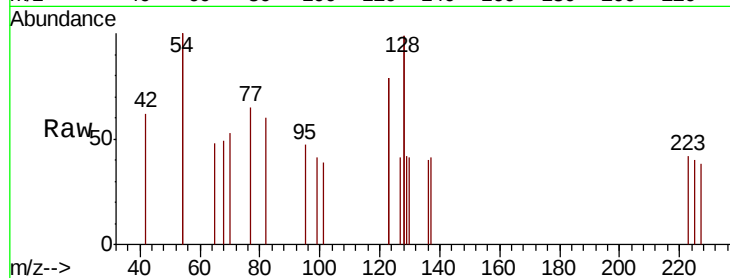
Tgt Ion: 82 Resp: 88

Ion Ratio Lower Upper

82 100

128 328.6 140.9 211.3#

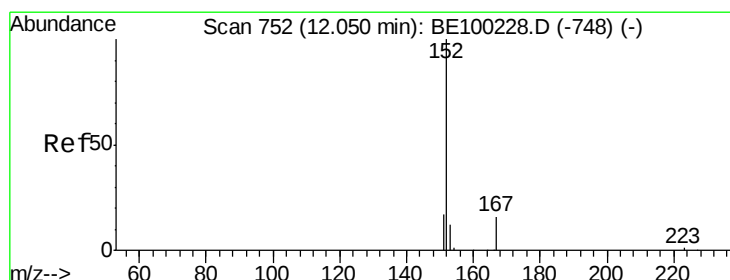
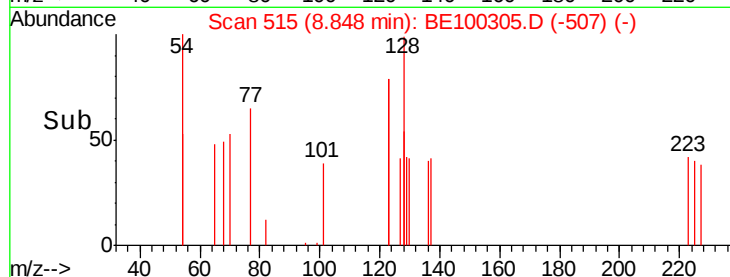
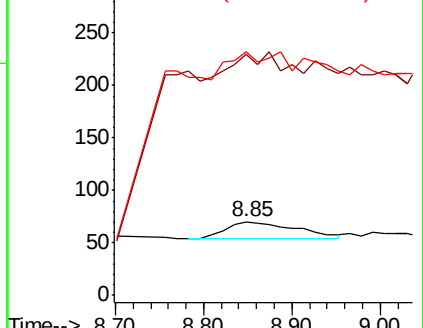
54 331.4 146.2 219.2#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.057 ng

RT: 12.07 min Scan# 754

Delta R.T. 0.01 min

Lab File: BE100305.D

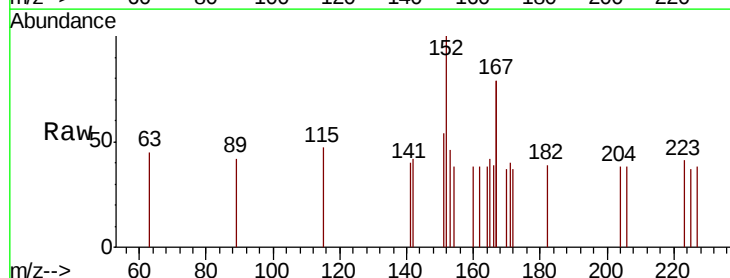
Acq: 2 Jul 2019 16:51

Tgt Ion: 152 Resp: 279

Ion Ratio Lower Upper

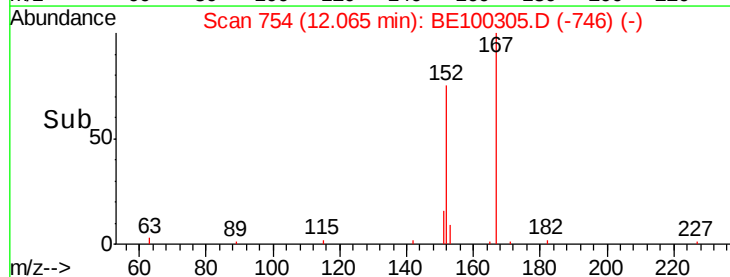
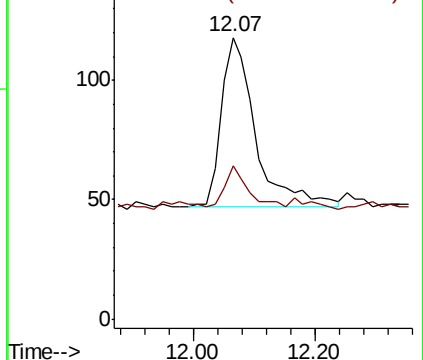
152 100

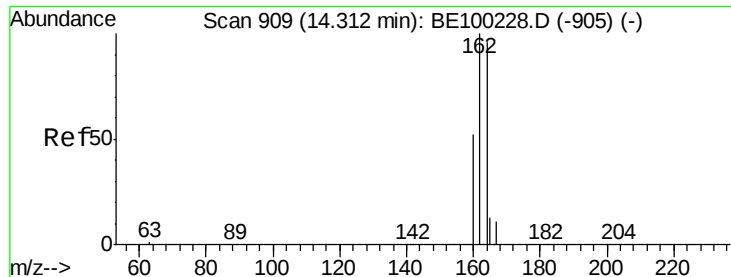
151 17.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

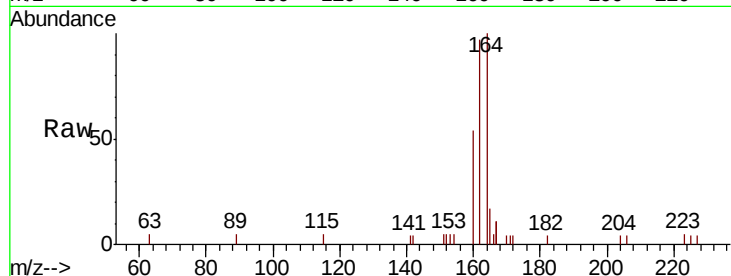




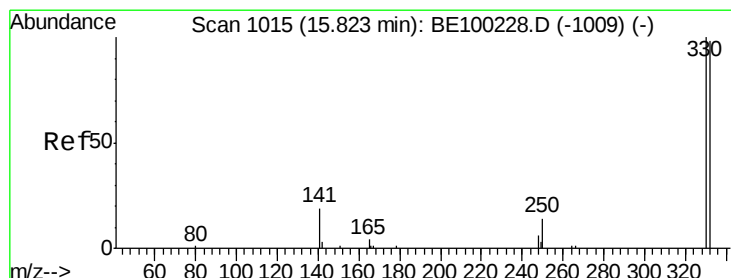
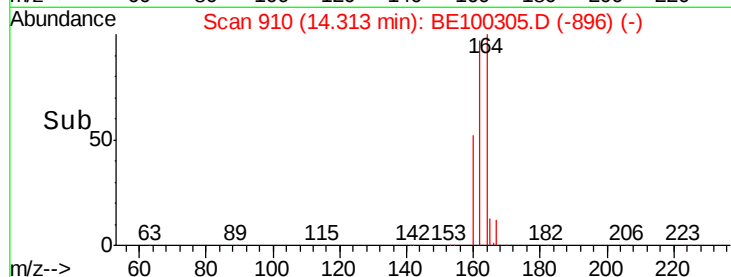
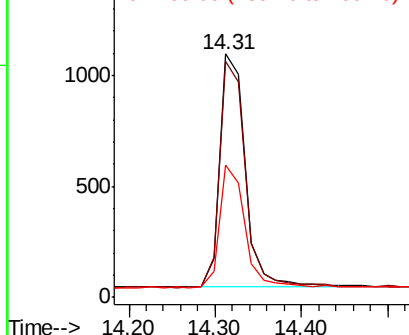
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BE100305.D
 Acq: 2 Jul 2019 16:51

Instrument :
 BNA_E
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 PST-007-B255-061819DL

Tgt Ion:164 Resp: 2156
 Ion Ratio Lower Upper
 164 100
 162 97.0 83.4 125.0
 160 54.3 45.0 67.6

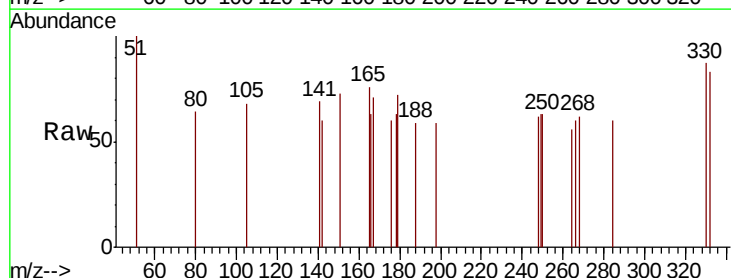


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

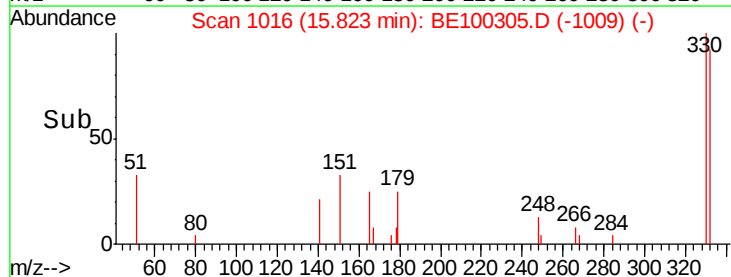
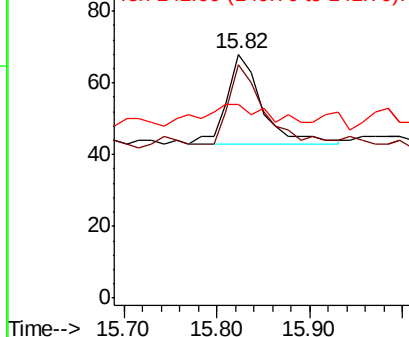


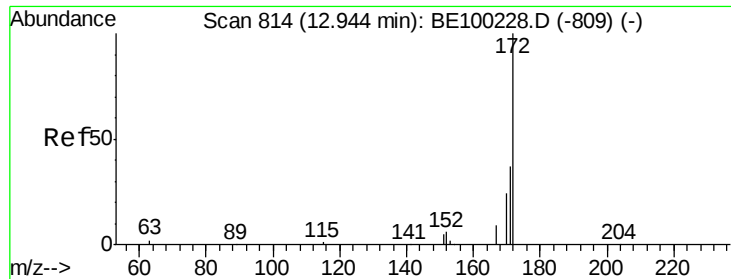
#14
 2,4,6-Tribromophenol
 Concen: 0.043 ng
 RT: 15.82 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BE100305.D
 Acq: 2 Jul 2019 16:51

Tgt Ion:330 Resp: 65
 Ion Ratio Lower Upper
 330 100
 332 87.7 77.0 115.4
 141 29.2 22.0 33.0



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

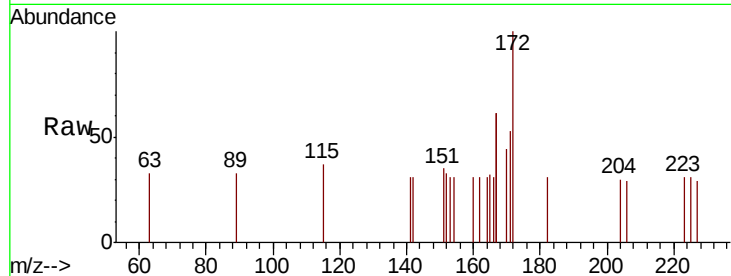




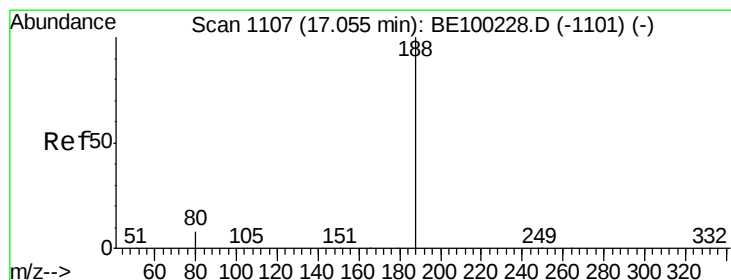
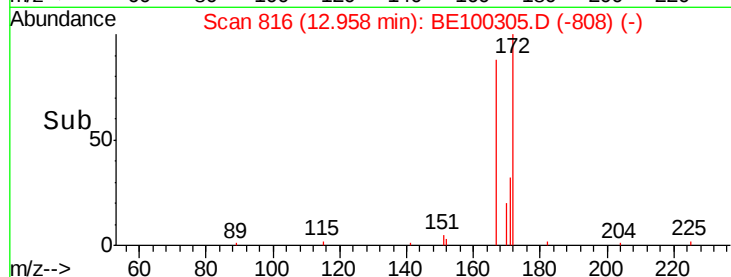
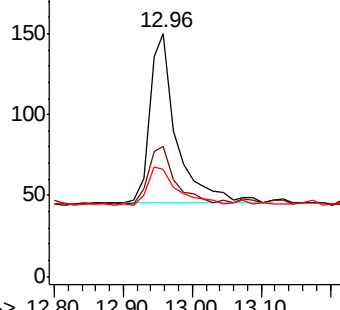
#15
 2-Fluorobiphenyl
 Concen: 0.033 ng
 RT: 12.96 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BE100305.D
 Acq: 2 Jul 2019 16:51

Instrument :
 BNA_E
 ClientSampleId :
 PST-007-B255-061819DL

Tgt Ion:172 Resp: 277
 Ion Ratio Lower Upper
 172 100
 171 53.3 31.9 47.9#
 170 44.0 22.2 33.2#

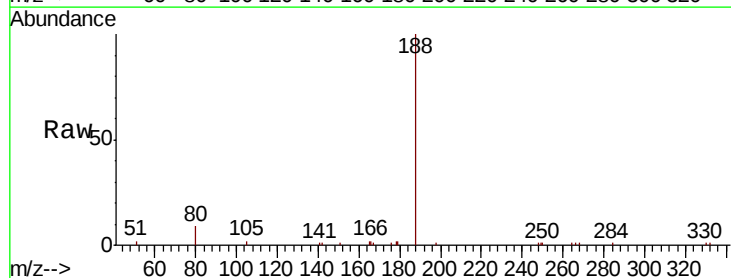


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

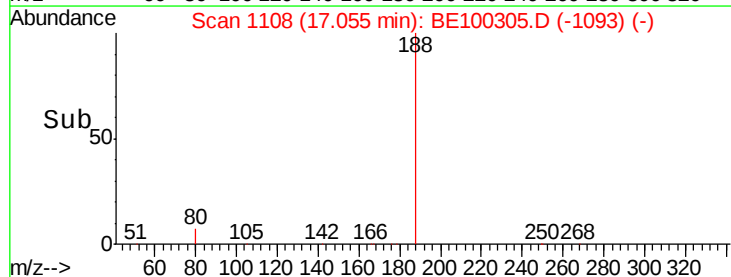
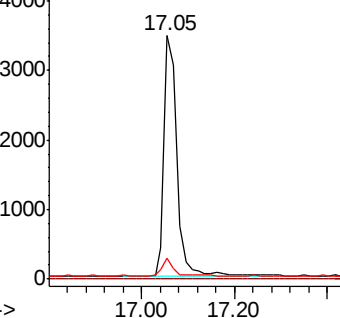


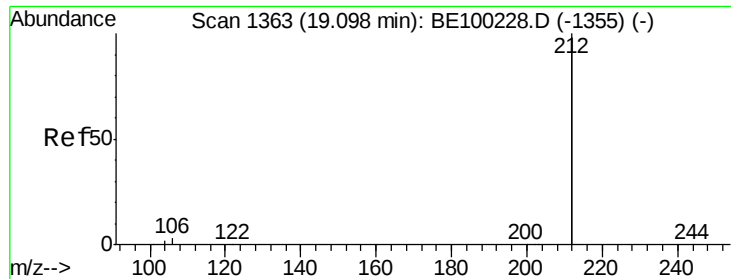
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.05 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BE100305.D
 Acq: 2 Jul 2019 16:51

Tgt Ion:188 Resp: 6629
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.8 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





#25

Fluoranthene-d10

Concen: 0.054 ng

RT: 19.10 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PST-007-B255-061819DL

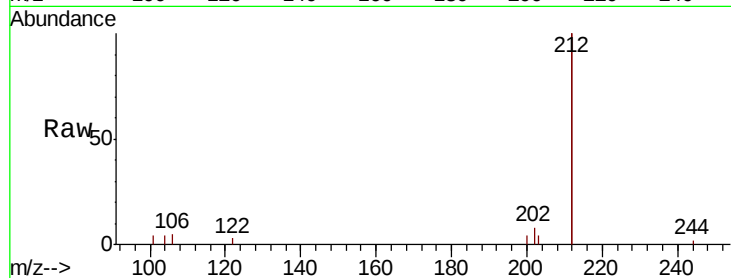
Tgt Ion:212 Resp: 5192

Ion Ratio Lower Upper

212 100

106 1.8 1.3 1.9

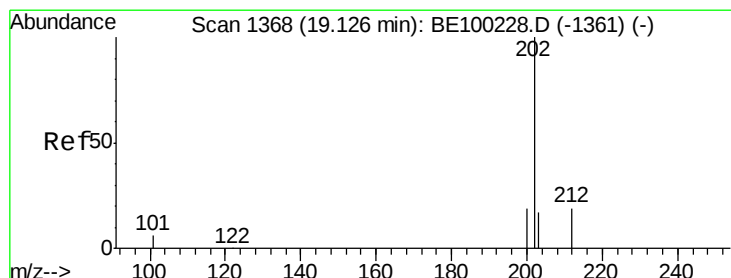
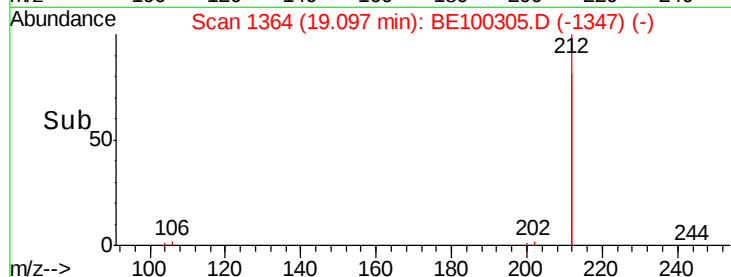
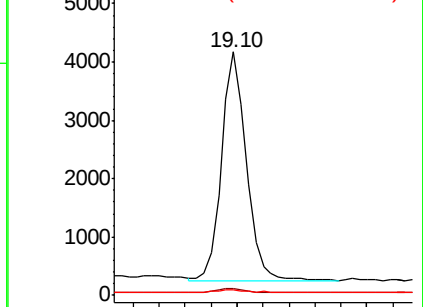
104 1.2 0.8 1.2



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: 2.611 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

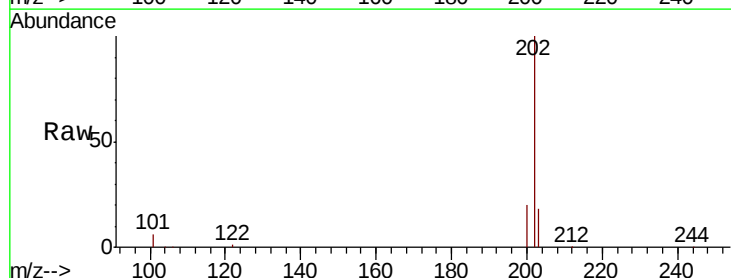
Tgt Ion:202 Resp: 66820

Ion Ratio Lower Upper

202 100

101 5.7 4.6 7.0

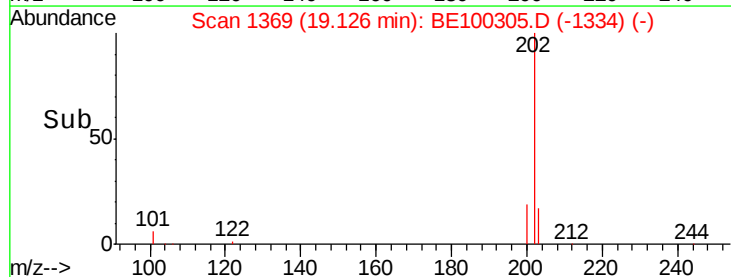
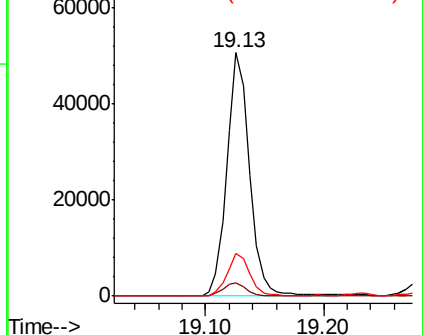
203 17.4 13.7 20.5

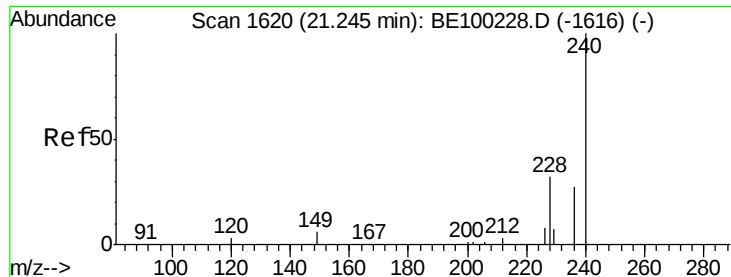


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1621

Delta R.T. 0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

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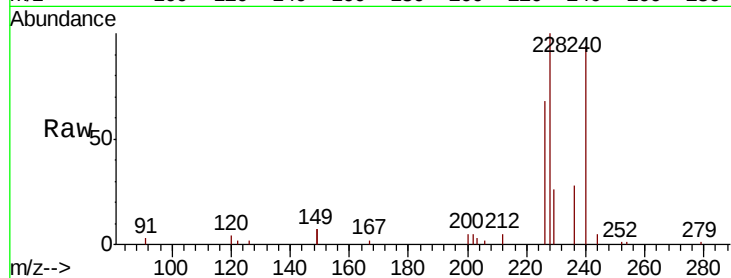
Tgt Ion:240 Resp: 9110

Ion Ratio Lower Upper

240 100

120 4.7 3.3 4.9

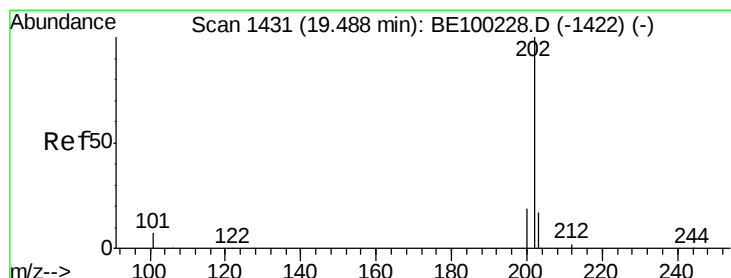
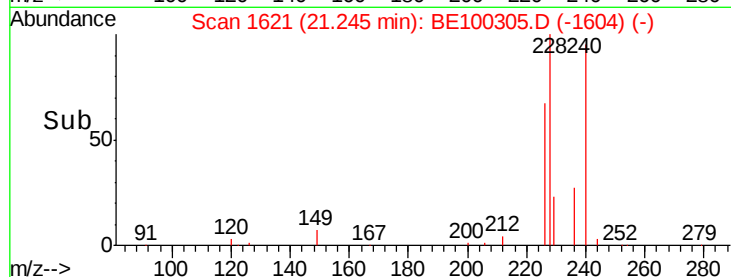
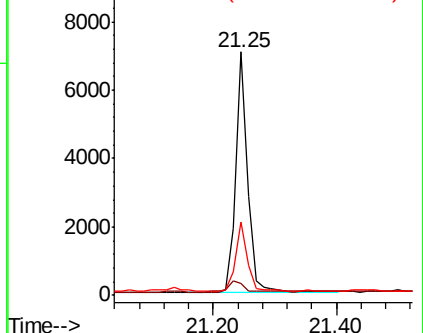
236 29.9 22.6 34.0



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: 2.644 ng

RT: 19.49 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

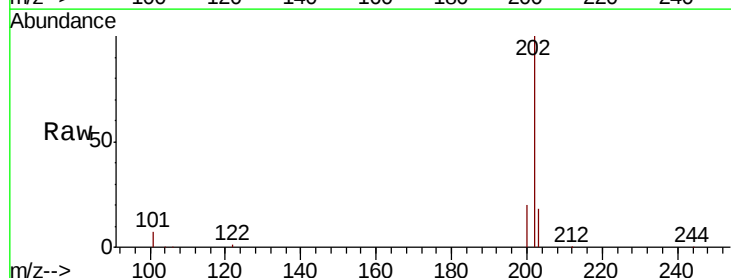
Tgt Ion:202 Resp: 63762

Ion Ratio Lower Upper

202 100

200 19.6 15.6 23.4

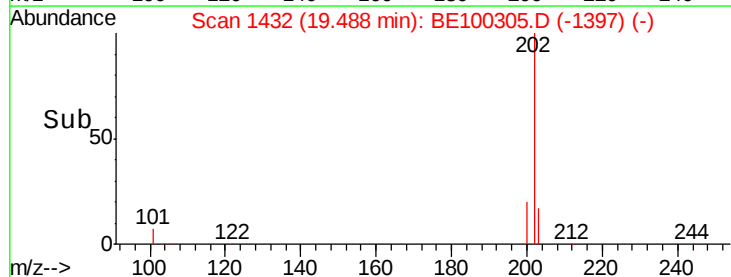
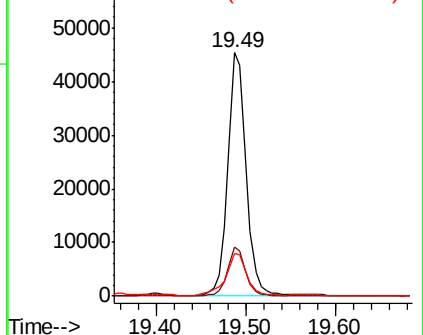
203 19.6 14.0 21.0

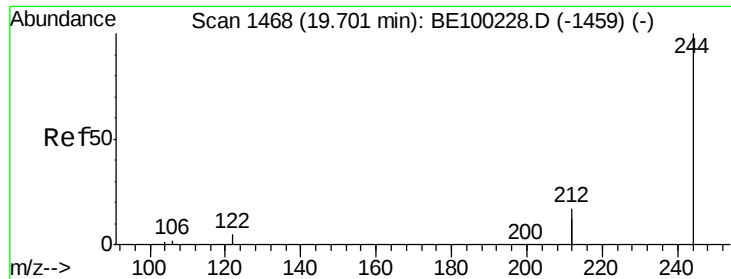


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

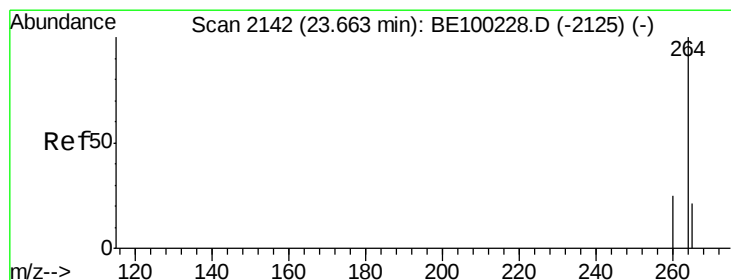
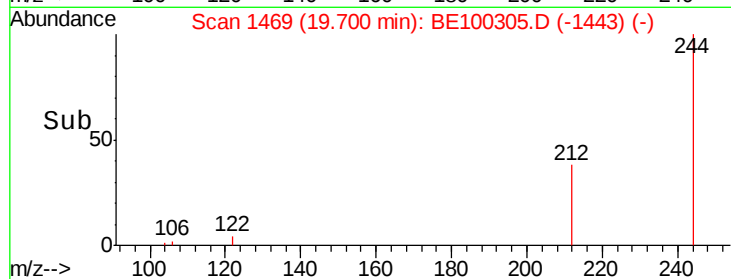
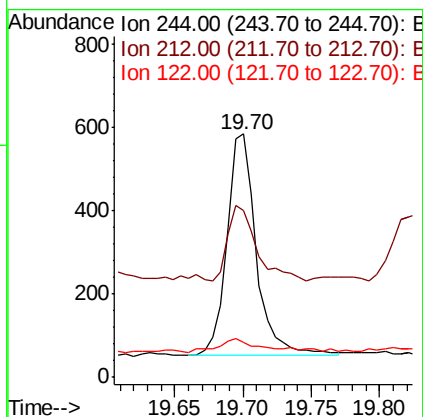
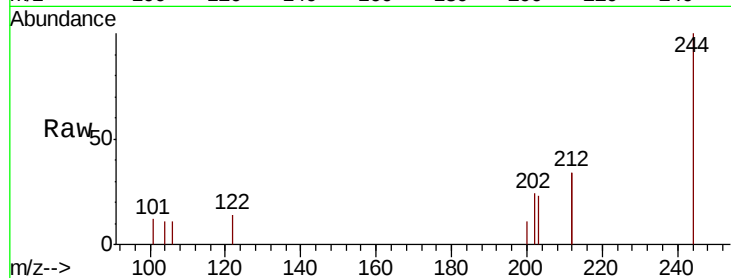




#29
 Terphenyl-d14
 Concen: 0.043 ng
 RT: 19.70 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BE100305.D
 Acq: 2 Jul 2019 16:51

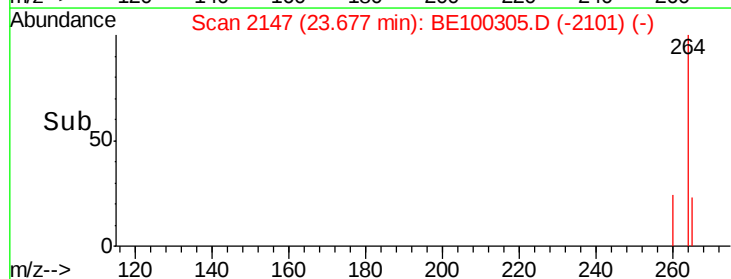
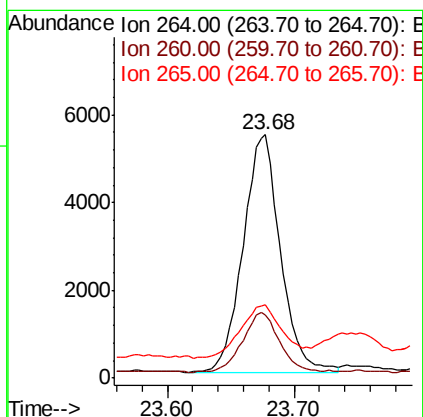
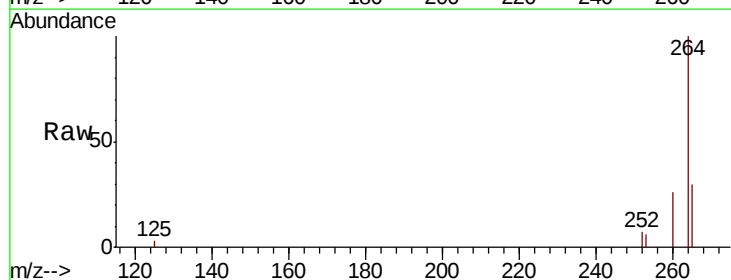
Instrument :
 BNA_E
 ClientSampleId :
 PST-007-B255-061819DL

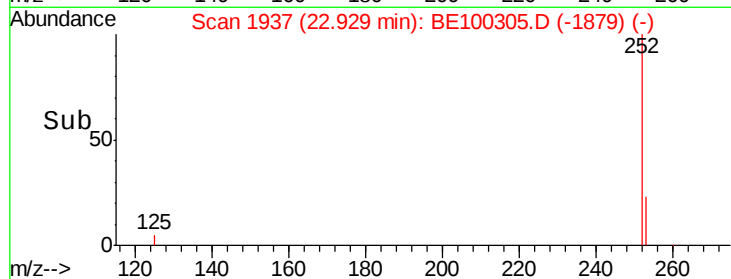
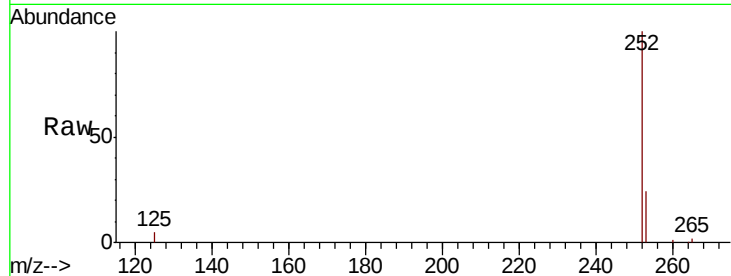
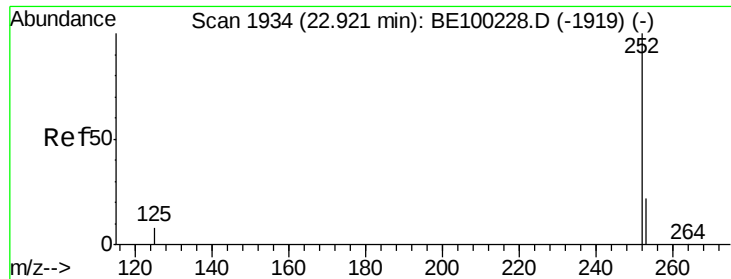
Tgt Ion:244 Resp: 807
 Ion Ratio Lower Upper
 244 100
 212 68.4 27.3 40.9#
 122 14.4 4.7 7.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.68 min Scan# 2147
 Delta R.T. 0.01 min
 Lab File: BE100305.D
 Acq: 2 Jul 2019 16:51

Tgt Ion:264 Resp: 11099
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.8 31.2
 265 29.9 21.8 32.6





#35

Benzo(b)fluoranthene

Concen: 2.146 ng

RT: 22.93 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BE100305.D

Acq: 2 Jul 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PST-007-B255-061819DL

Tgt Ion: 252 Resp: 64577

Ion Ratio Lower Upper

252 100

253 23.7 19.2 28.8

125 5.3 7.4 11.0#

