

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100316.D
 Acq On : 2 Jul 2019 23:28
 Operator : JU/SJ
 Sample : K3446-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-008-B036-061819DL

Quant Time: Jul 03 02:15:04 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

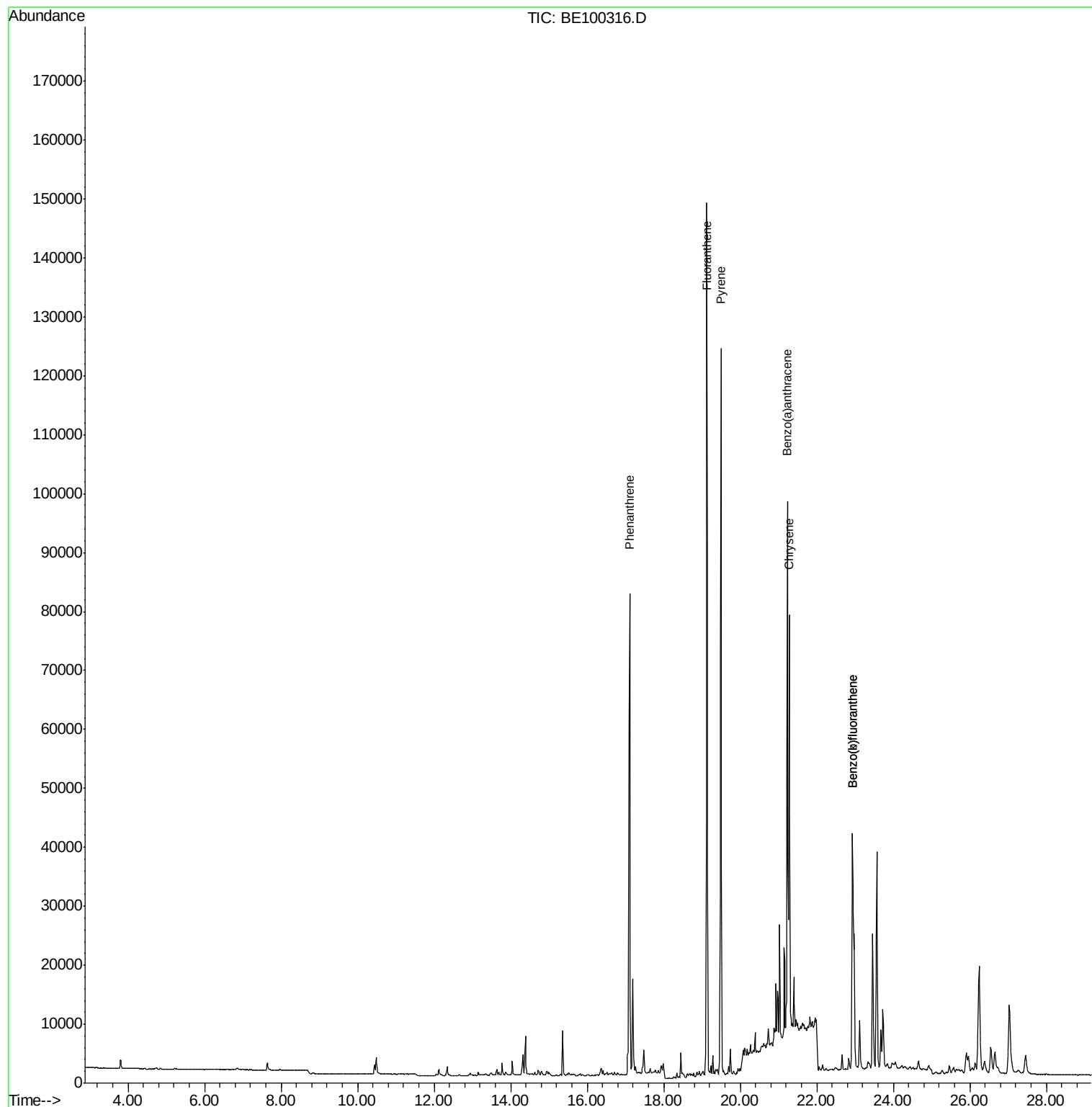
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	794	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2767	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2193	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6030	0.40	ng	0.01
27) Chrysene-d12	21.25	240	7715	0.40	ng	0.00
34) Perylene-d12	23.68	264	9111	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	145	0.07	ng	0.01
5) Phenol-d6	6.84	99	168	0.06	ng	0.00
8) Nitrobenzene-d5	8.82	82	181	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	437	0.08	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	102	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	595	0.07	ng	0.00
25) Fluoranthene-d10	19.10	212	6472	0.07	ng	0.00
29) Terphenyl-d14	19.70	244	1177	0.07	ng	0.00
Target Compounds						
23) Phenanthrene	17.11	178	91867	6.286	ng	100
26) Fluoranthene	19.13	202	141948	6.098	ng	99
28) Pyrene	19.49	202	118840	5.818	ng	# 95
30) Benzo(a)anthracene	21.23	228	78617	3.099	ng	97
31) Chrysene	21.28	228	60090	2.359	ng	96
35) Benzo(b)fluoranthene	22.93	252	73774	2.987	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	73774	2.676	ng	97

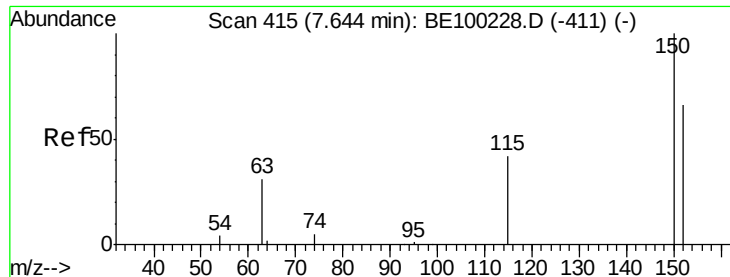
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100316.D
Acq On : 2 Jul 2019 23:28
Operator : JU/SJ
Sample : K3446-09DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-008-B036-061819DL

Quant Time: Jul 03 02:15:04 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



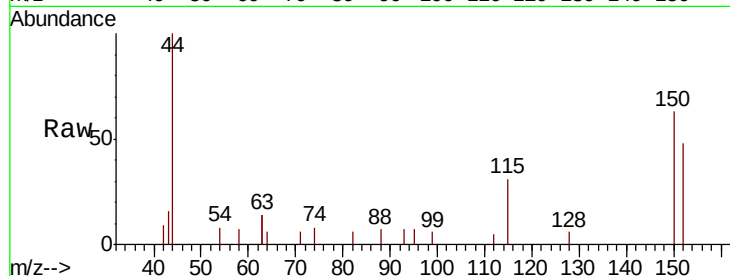


#1

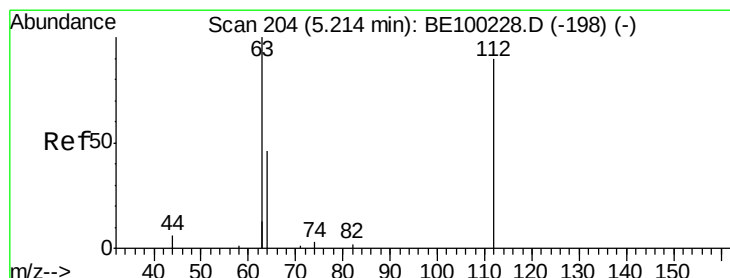
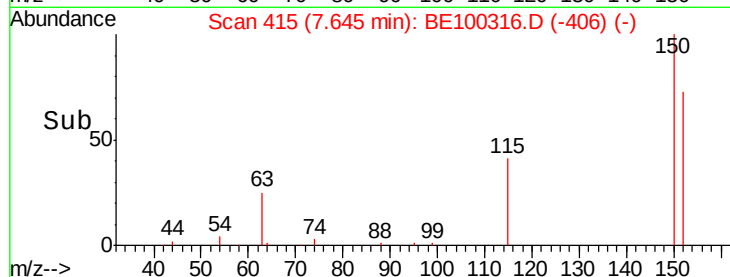
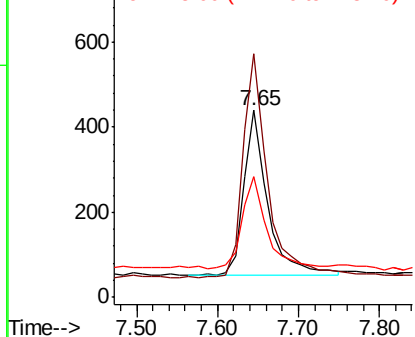
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

Instrument :
BNA_E
ClientSampleId :
PST-008-B036-061819DL

Tgt Ion:152 Resp: 794
Ion Ratio Lower Upper
152 100
150 130.0 114.5 171.7
115 64.3 57.1 85.7



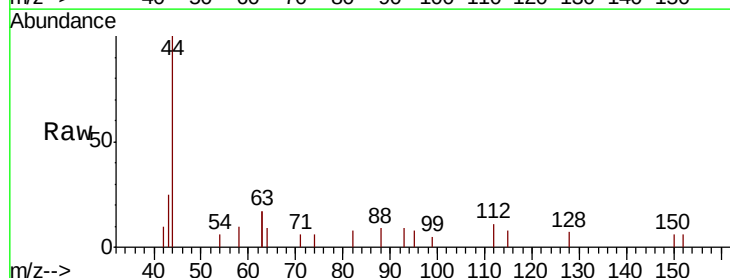
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



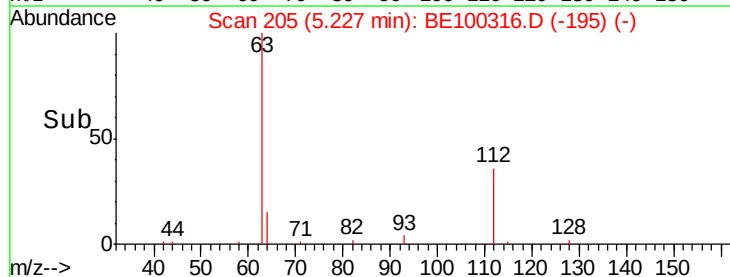
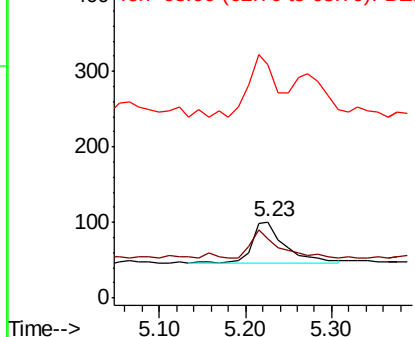
#4

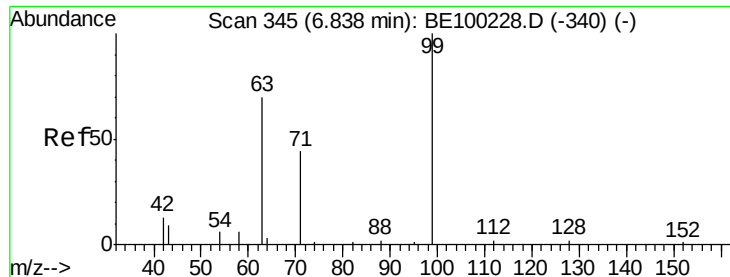
2-Fluorophenol
Concen: 0.072 ng
RT: 5.23 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

Tgt Ion:112 Resp: 145
Ion Ratio Lower Upper
112 100
64 62.1 39.4 59.0#
63 131.7 104.5 156.7



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: 0.063 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

Instrument :

BNA_E

ClientSampleId :

PST-008-B036-061819DL

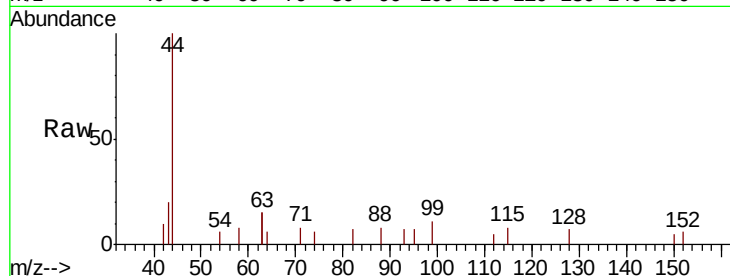
Tgt Ion: 99 Resp: 168

Ion Ratio Lower Upper

99 100

42 41.7 11.2 16.8#

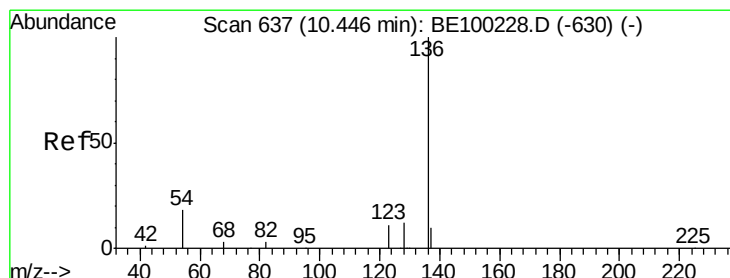
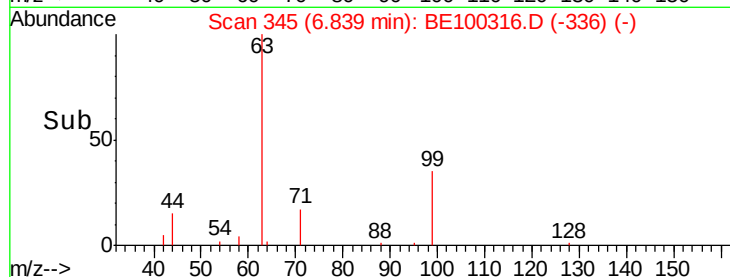
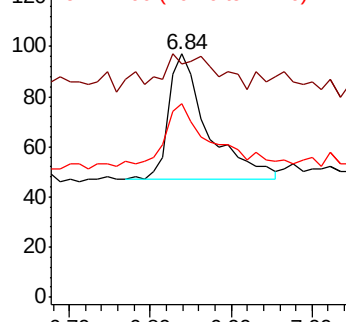
71 60.7 37.2 55.8#



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

Tgt Ion: 136 Resp: 2767

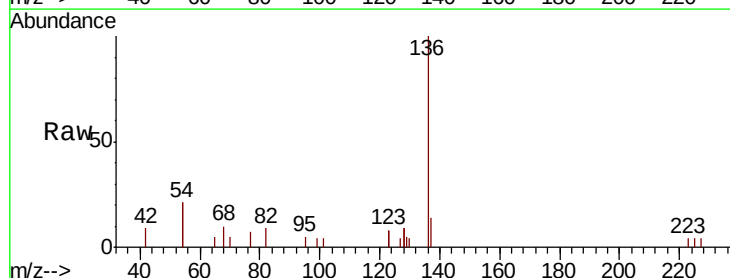
Ion Ratio Lower Upper

136 100

137 14.0 11.8 17.8

54 42.0 27.7 41.5#

68 9.6 6.8 10.2

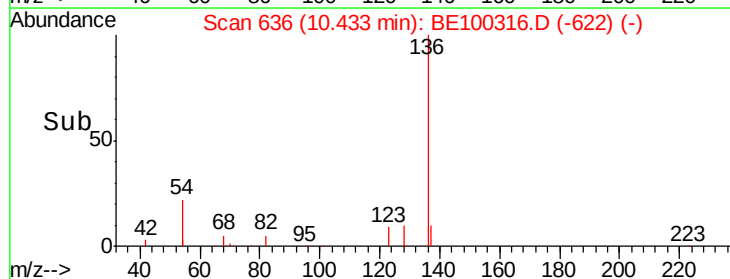
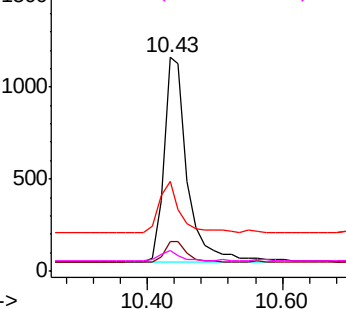


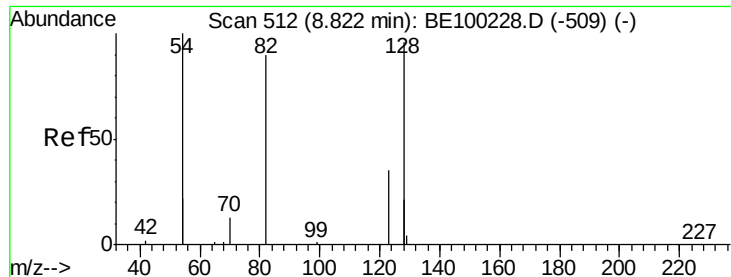
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.066 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

Instrument :

BNA_E

ClientSampleId :

PST-008-B036-061819DL

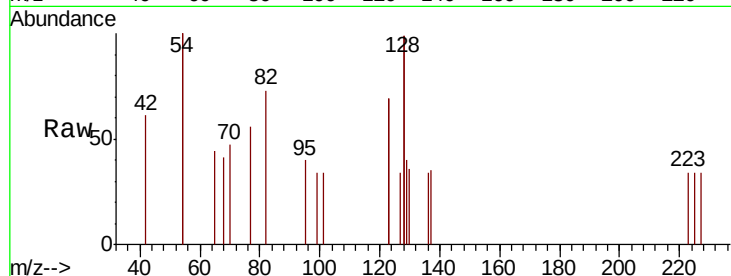
Tgt Ion: 82 Resp: 181

Ion Ratio Lower Upper

82 100

128 272.5 140.9 211.3#

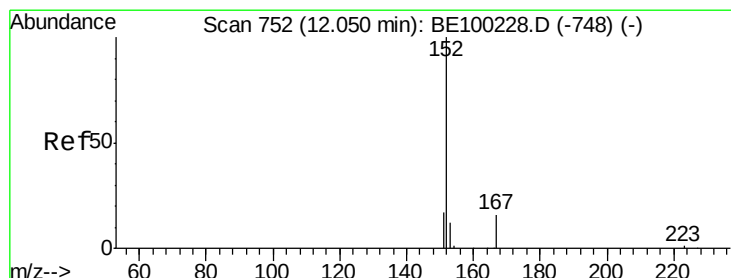
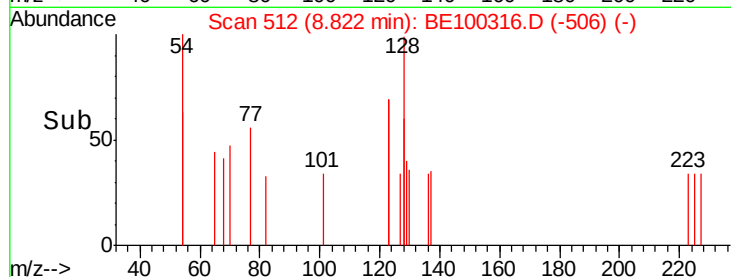
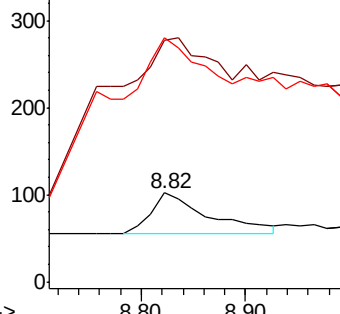
54 274.5 146.2 219.2#



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: 0.084 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100316.D

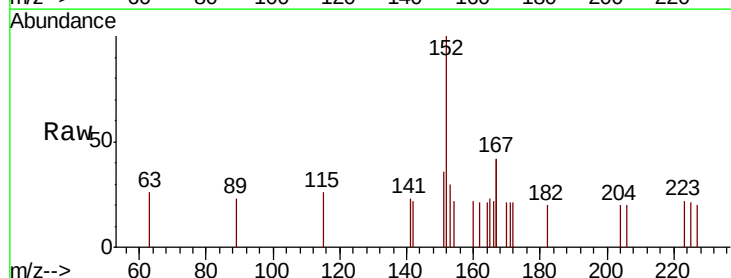
Acq: 2 Jul 2019 23:28

Tgt Ion: 152 Resp: 437

Ion Ratio Lower Upper

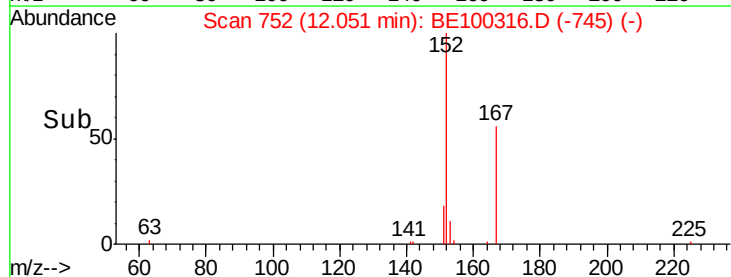
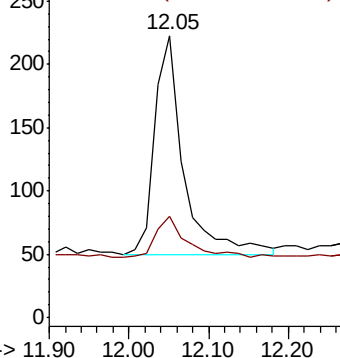
152 100

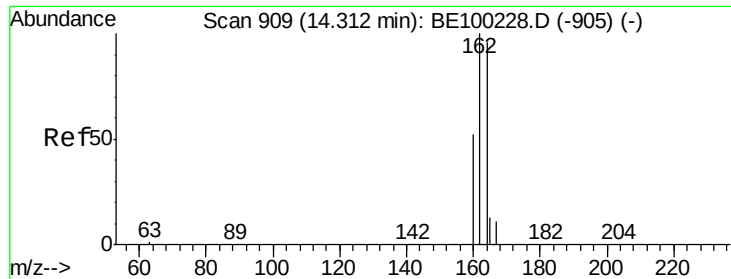
151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

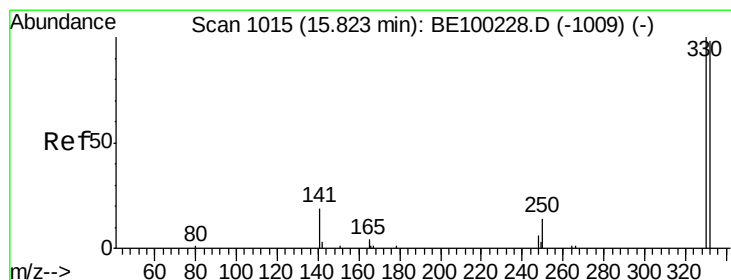
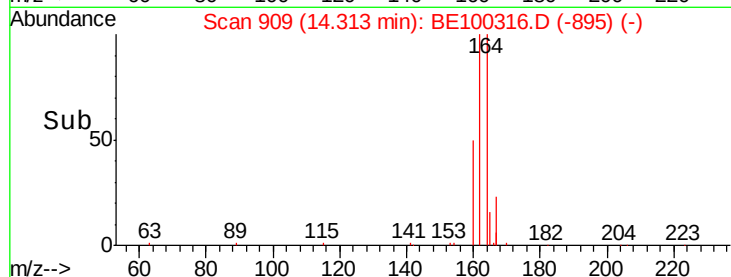
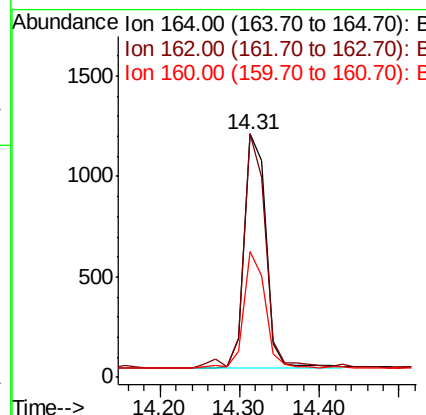
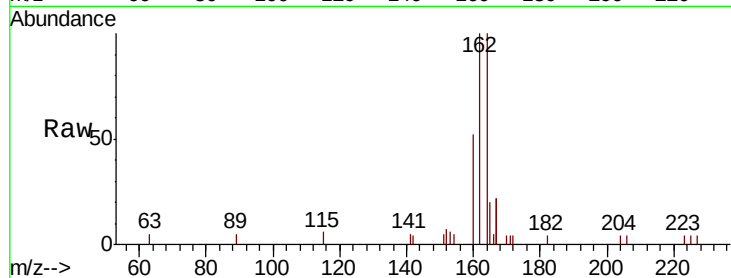




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

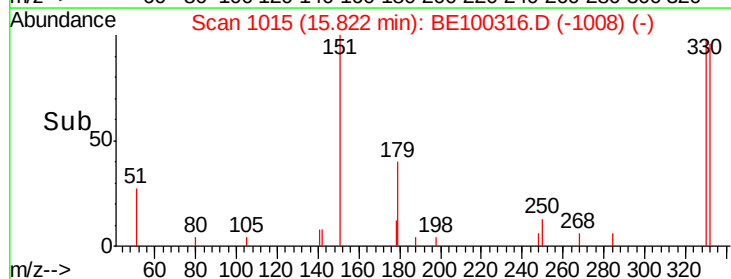
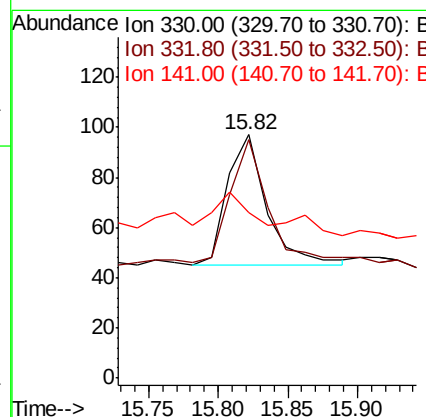
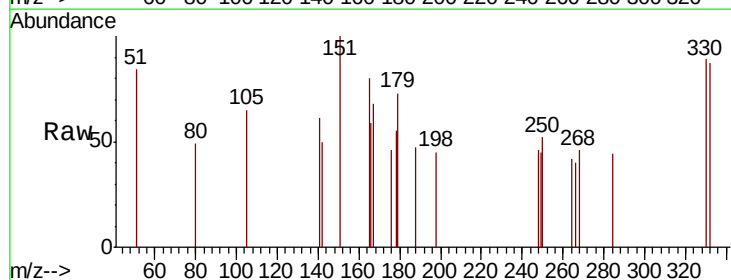
Instrument :
BNA_E
ClientSampleId :
PST-008-B036-061819DL

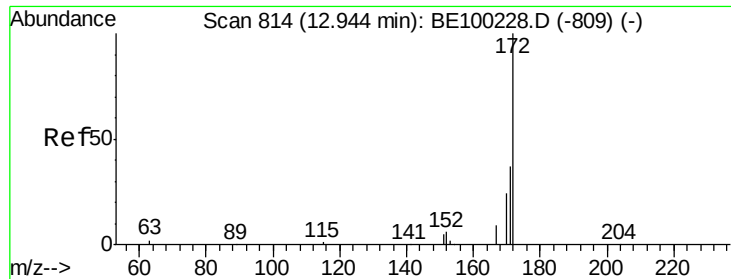
Tgt Ion:164 Resp: 2193
Ion Ratio Lower Upper
164 100
162 100.0 83.4 125.0
160 51.8 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.066 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

Tgt Ion:330 Resp: 102
Ion Ratio Lower Upper
330 100
332 100.0 77.0 115.4
141 52.9 22.0 33.0#

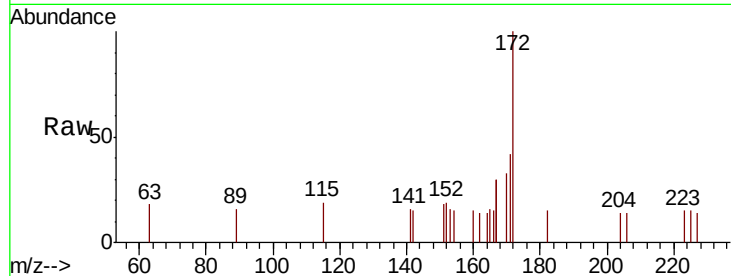




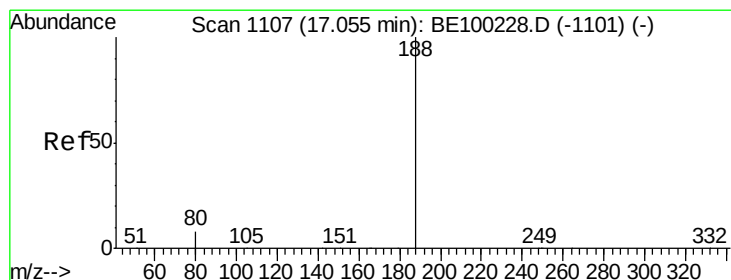
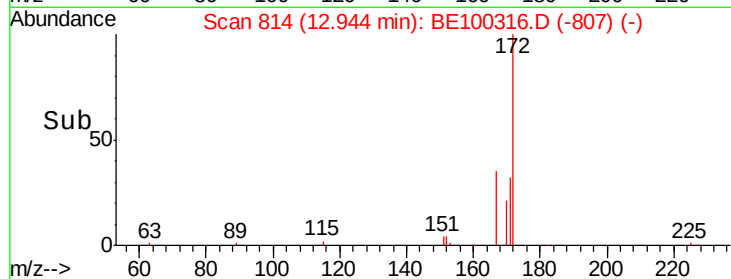
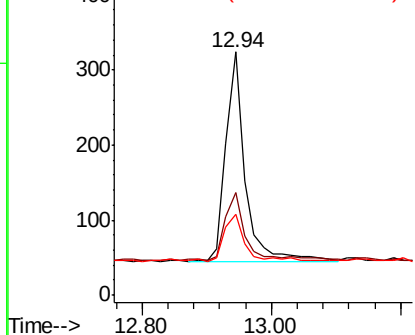
#15
2-Fluorobiphenyl
Concen: 0.070 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

Instrument :
BNA_E
ClientSampleId :
PST-008-B036-061819DL

Tgt Ion:172 Resp: 595
Ion Ratio Lower Upper
172 100
171 42.3 31.9 47.9
170 33.0 22.2 33.2

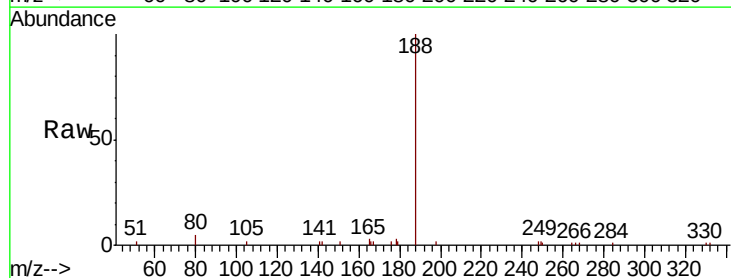


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

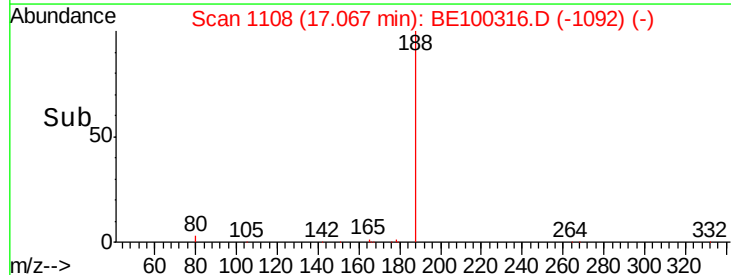
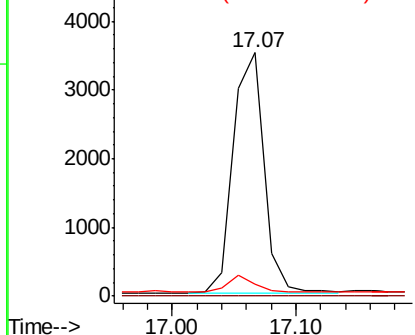


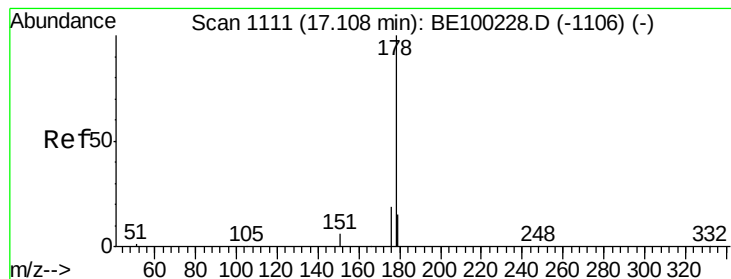
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

Tgt Ion:188 Resp: 6030
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 4.8 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





#23

Phenanthrene

Concen: 6.286 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

Instrument :

BNA_E

ClientSampleId :

PST-008-B036-061819DL

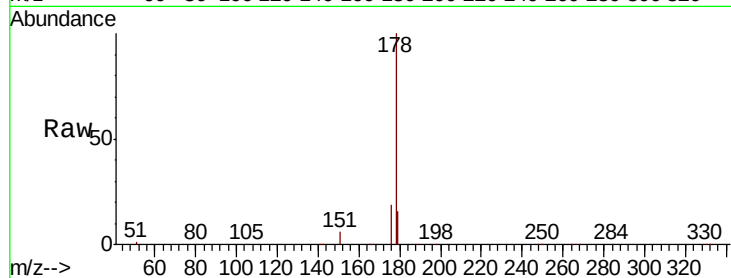
Tgt Ion:178 Resp: 91867

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.4 12.2 18.2

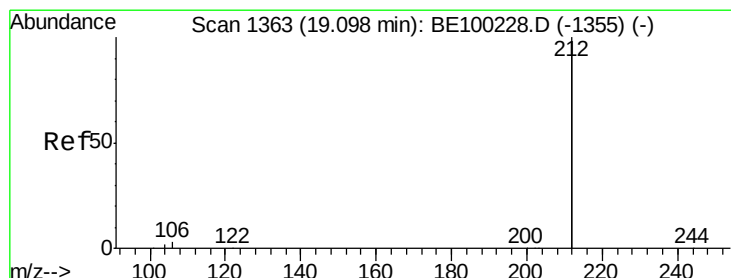
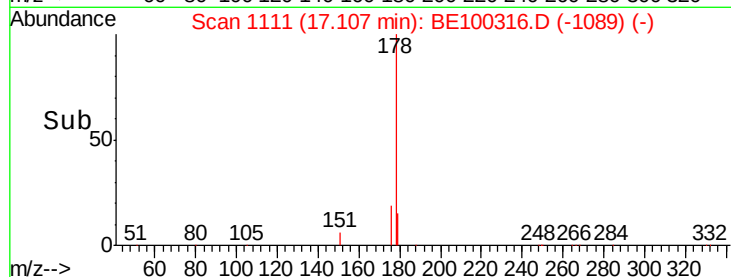
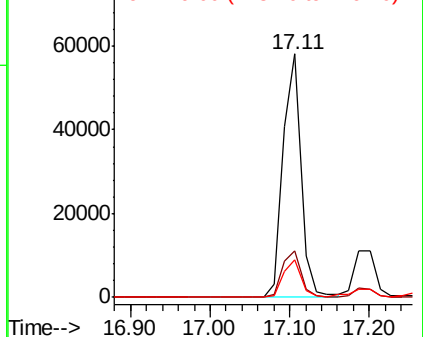


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.074 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

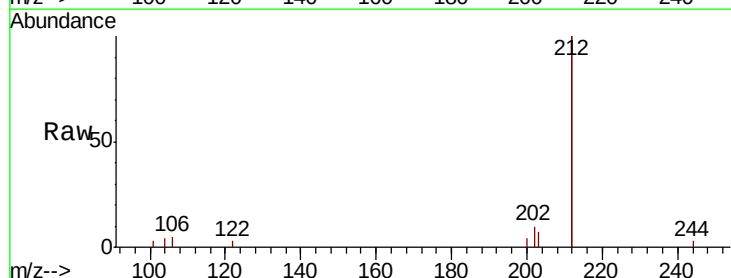
Tgt Ion:212 Resp: 6472

Ion Ratio Lower Upper

212 100

106 1.9 1.3 1.9

104 1.1 0.8 1.2

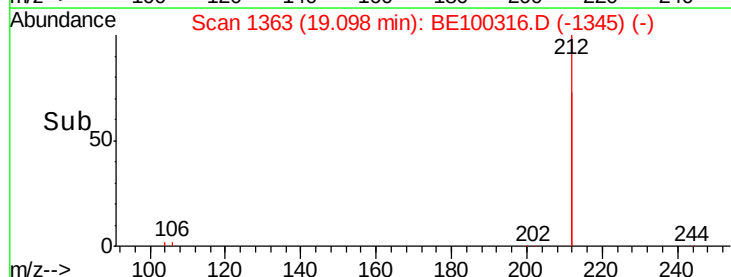
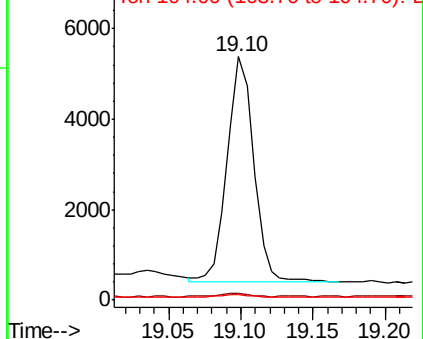


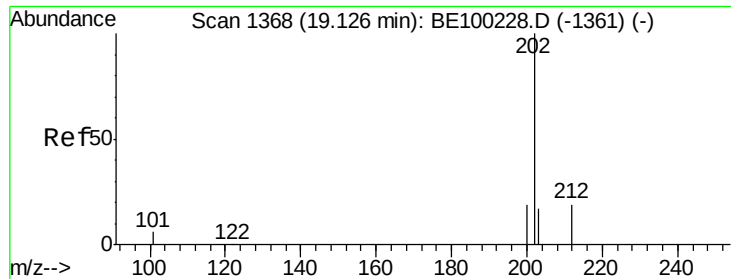
Abundance

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

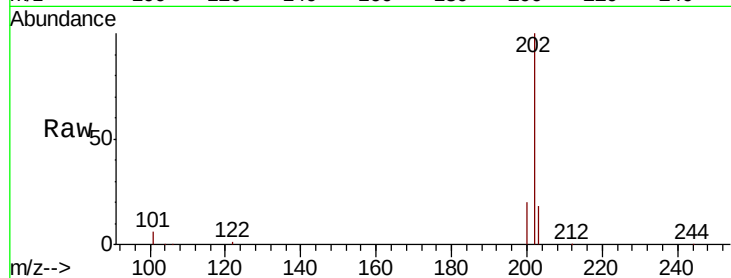




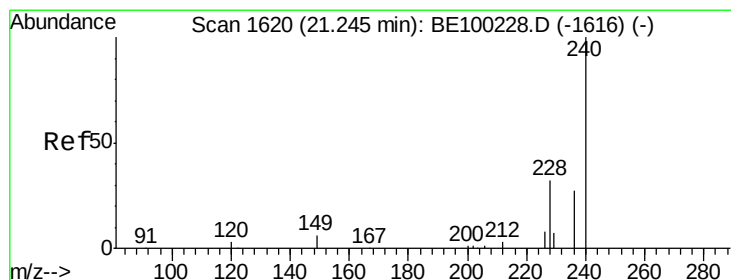
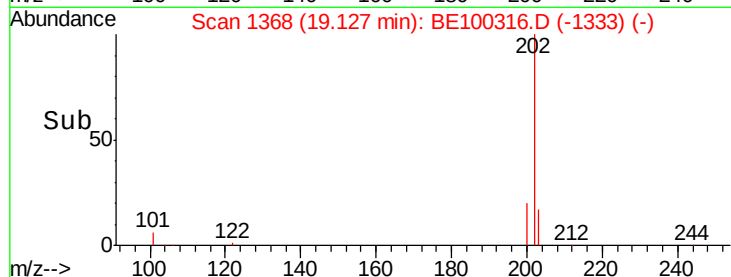
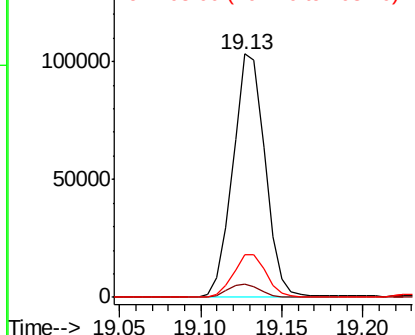
#26
 Fluoranthene
 Concen: 6.098 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100316.D
 Acq: 2 Jul 2019 23:28

Instrument :
 BNA_E
 ClientSampleId :
 PST-008-B036-061819DL

Tgt Ion: 202 Resp: 141948
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.6 7.0
 203 17.6 13.7 20.5

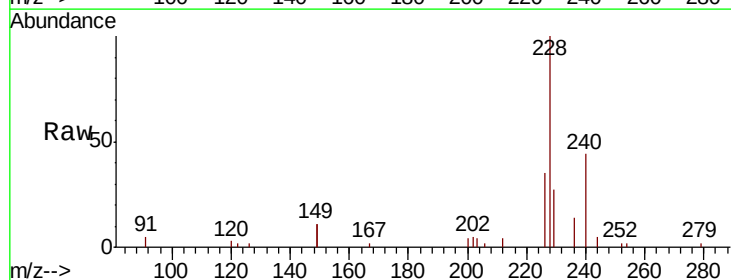


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

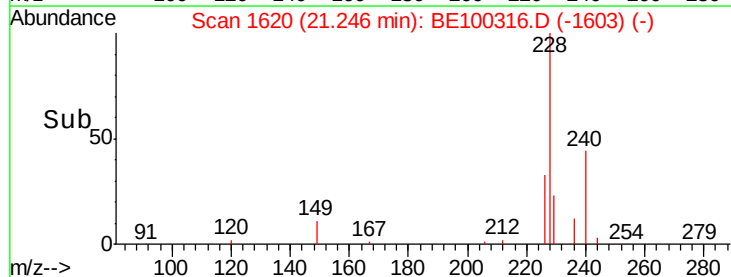
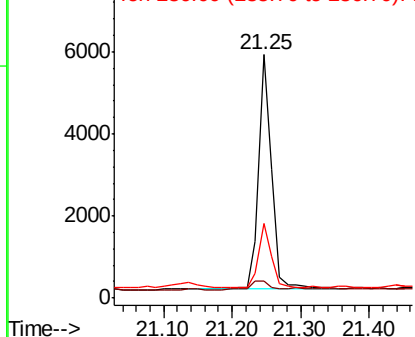


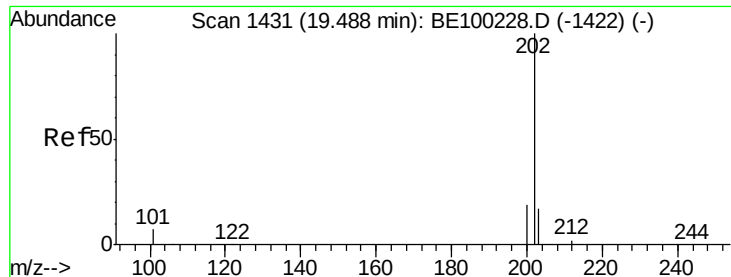
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100316.D
 Acq: 2 Jul 2019 23:28

Tgt Ion: 240 Resp: 7715
 Ion Ratio Lower Upper
 240 100
 120 7.0 3.3 4.9#
 236 30.5 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

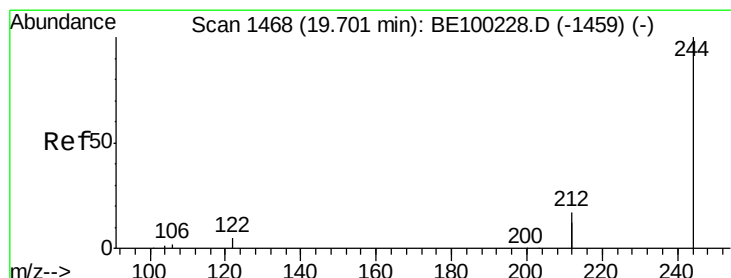
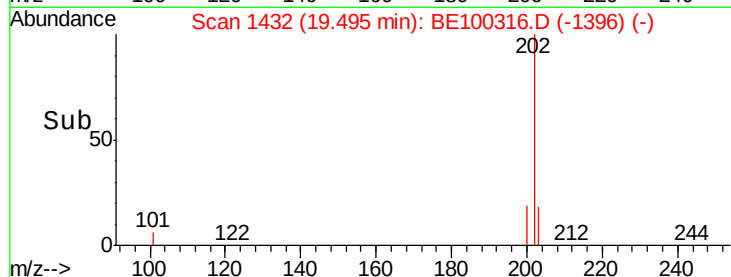
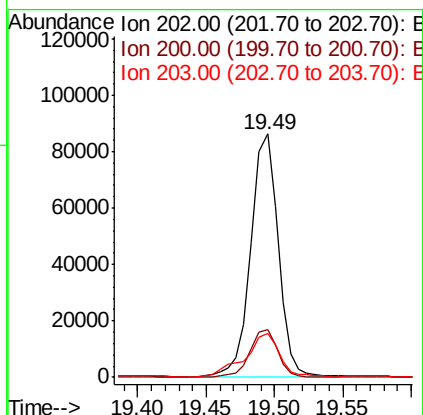
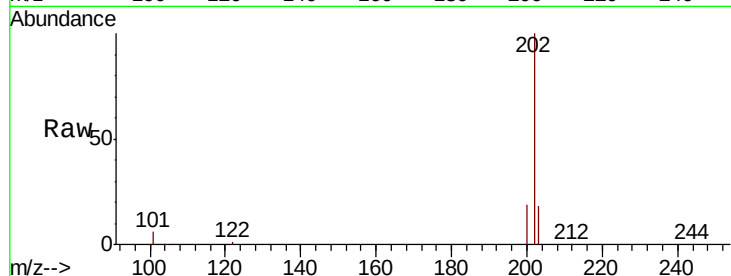




#28
 Pyrene
 Concen: 5.818 ng
 RT: 19.49 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BE100316.D
 Acq: 2 Jul 2019 23:28

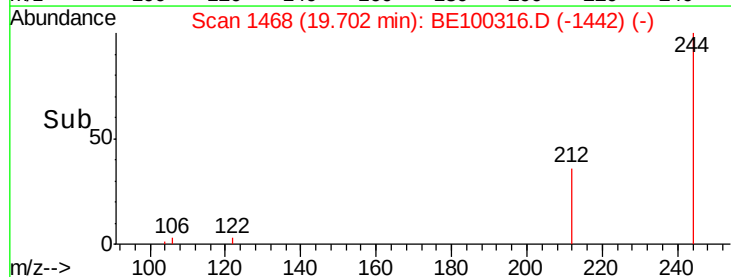
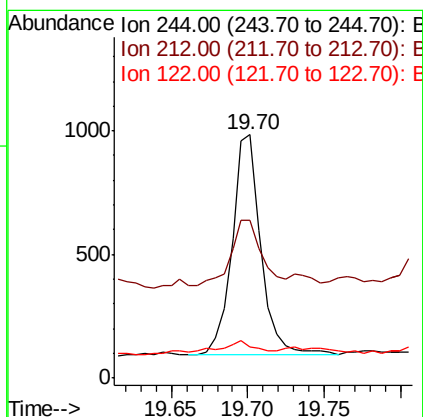
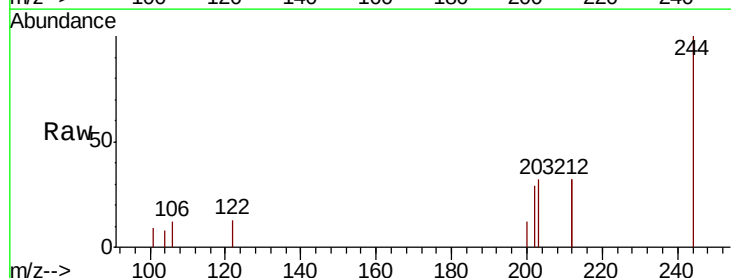
Instrument :
 BNA_E
 ClientSampleId :
 PST-008-B036-061819DL

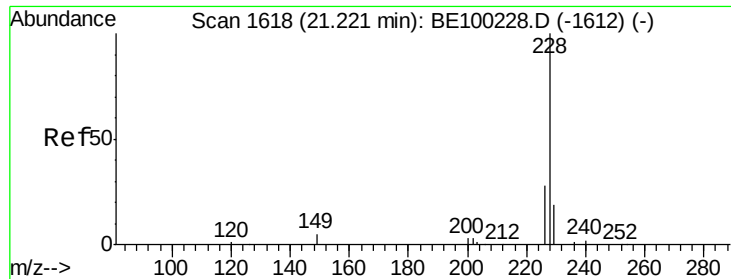
Tgt Ion: 202 Resp: 118840
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 22.1 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 0.074 ng
 RT: 19.70 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BE100316.D
 Acq: 2 Jul 2019 23:28

Tgt Ion: 244 Resp: 1177
 Ion Ratio Lower Upper
 244 100
 212 64.8 27.3 40.9#
 122 13.0 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 3.099 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

Instrument :

BNA_E

ClientSampleId :

PST-008-B036-061819DL

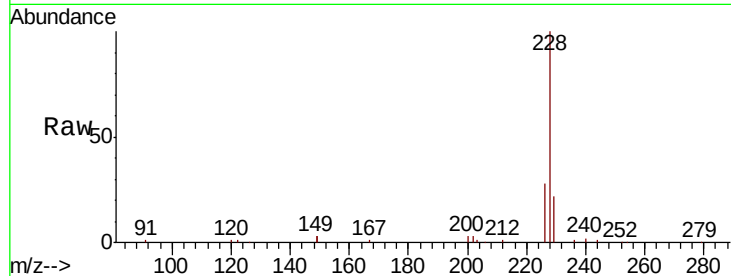
Tgt Ion:228 Resp: 78617

Ion Ratio Lower Upper

228 100

226 27.9 23.2 34.8

229 21.7 15.7 23.5

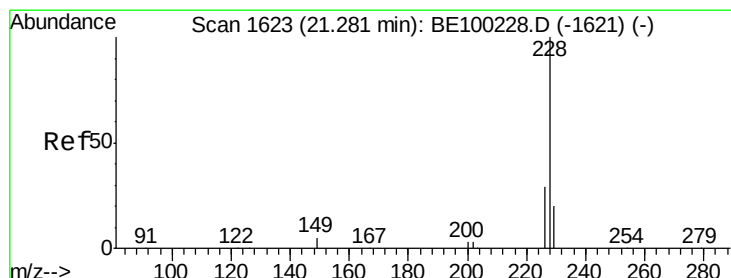
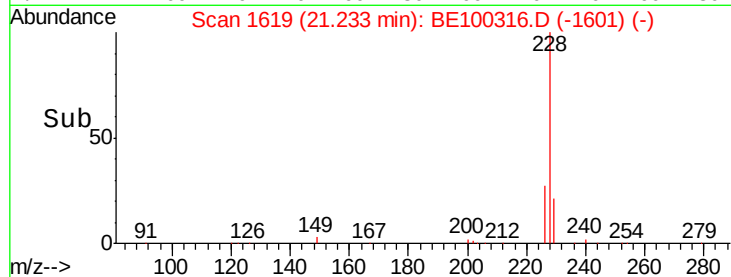
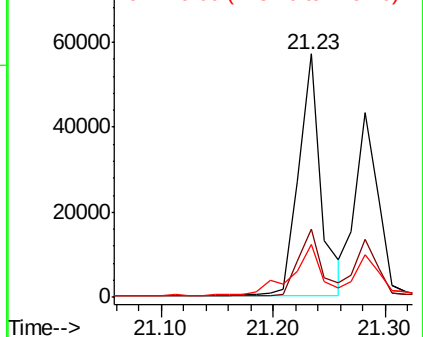


Abundance

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: 2.359 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

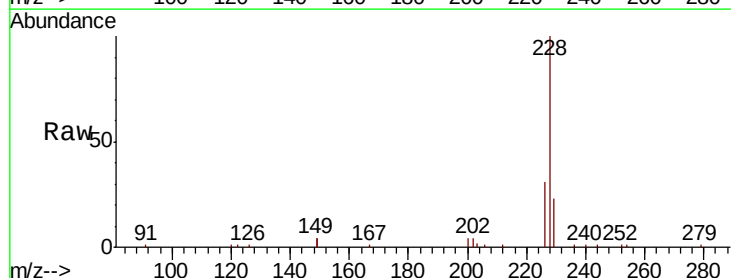
Tgt Ion:228 Resp: 60090

Ion Ratio Lower Upper

228 100

226 31.3 23.9 35.9

229 23.0 16.5 24.7

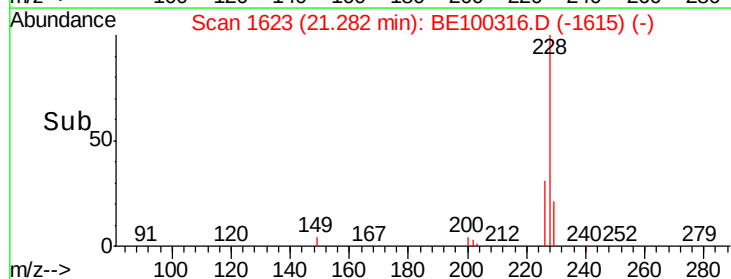
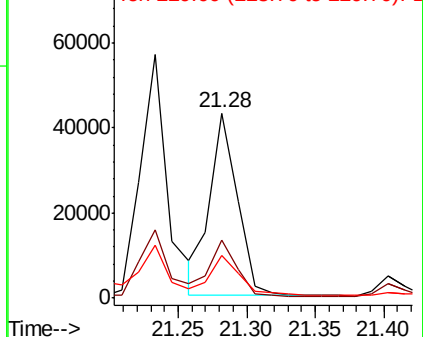


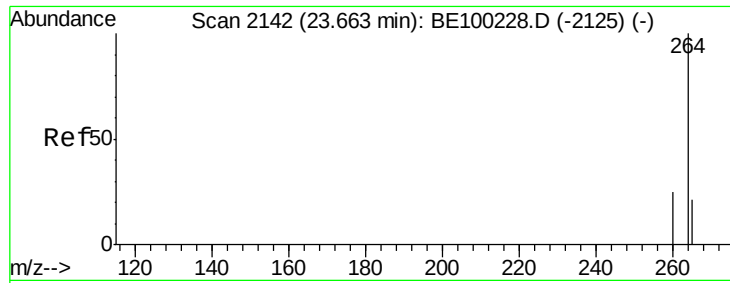
Abundance

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

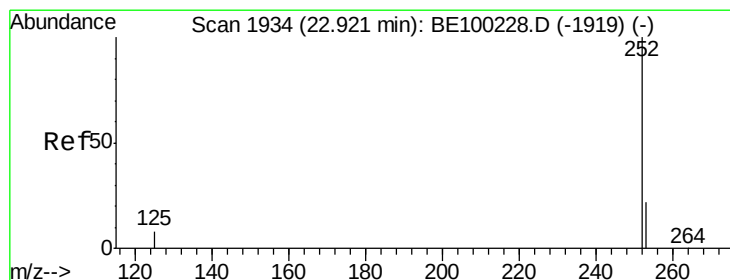
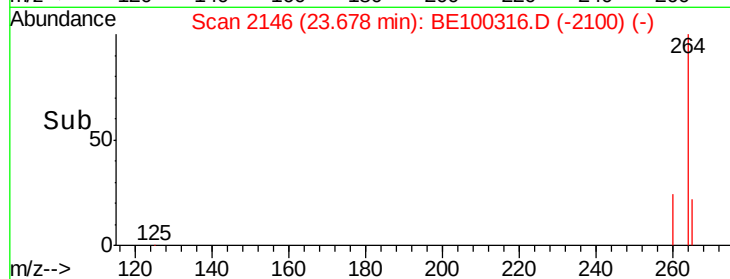
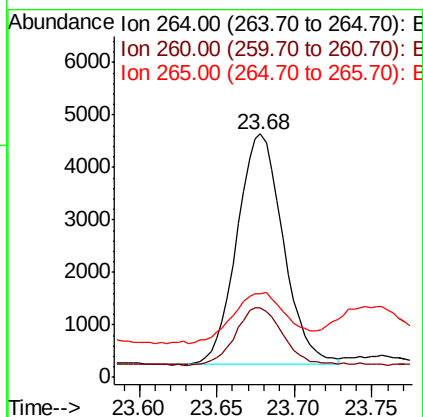
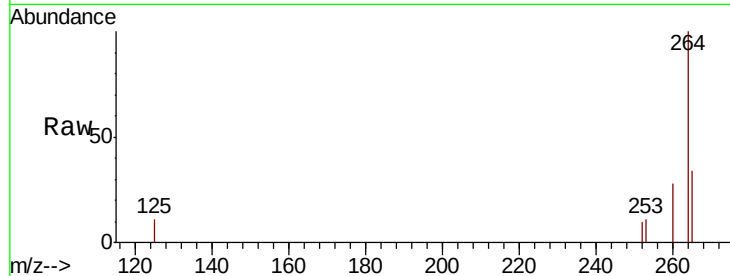




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

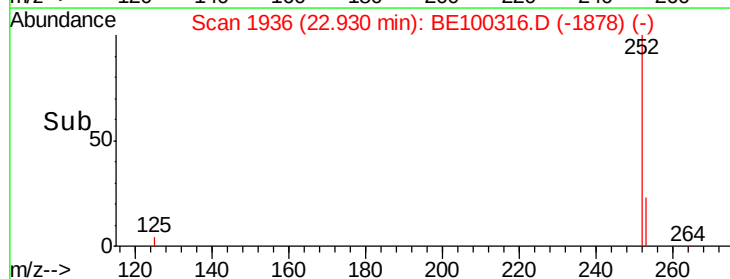
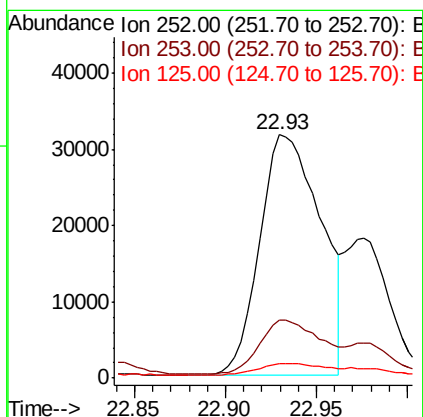
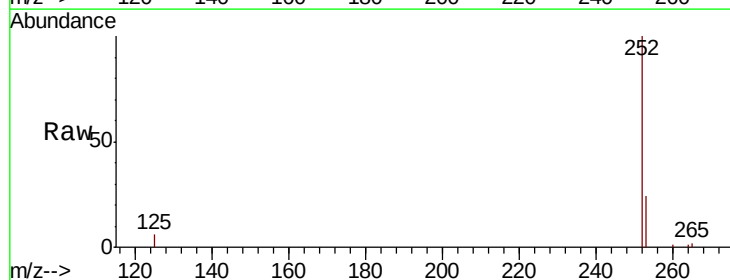
Instrument :
BNA_E
ClientSampleId :
PST-008-B036-061819DL

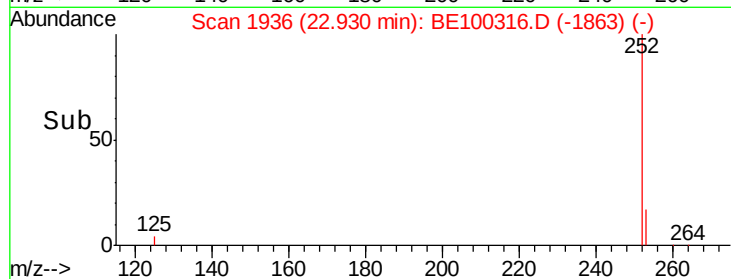
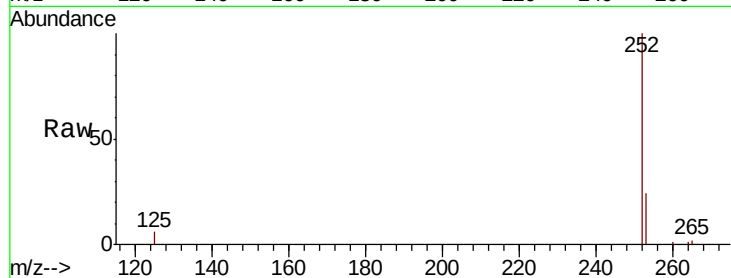
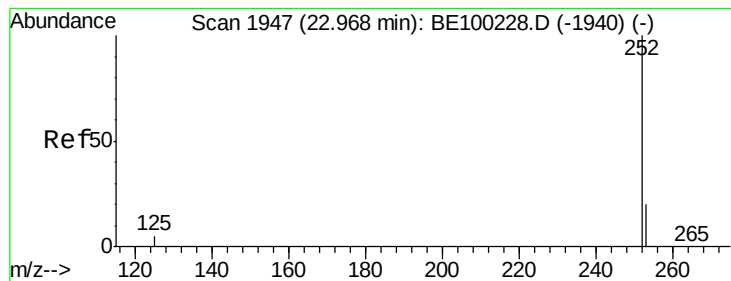
Tgt Ion:264 Resp: 9111
Ion Ratio Lower Upper
264 100
260 28.5 20.8 31.2
265 34.2 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 2.987 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100316.D
Acq: 2 Jul 2019 23:28

Tgt Ion:252 Resp: 73774
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 5.8 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 2.676 ng

RT: 22.93 min Scan# 1936

Delta R.T. -0.04 min

Lab File: BE100316.D

Acq: 2 Jul 2019 23:28

Instrument :

BNA_E

ClientSampleId :

PST-008-B036-061819DL

Tgt Ion: 252 Resp: 73774

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 5.8 5.0 7.4

