

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100942.D
 Acq On : 17 Dec 2019 5:56
 Operator : JU
 Sample : K6239-04 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FD-2-2019-1209

Quant Time: Dec 17 12:21:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

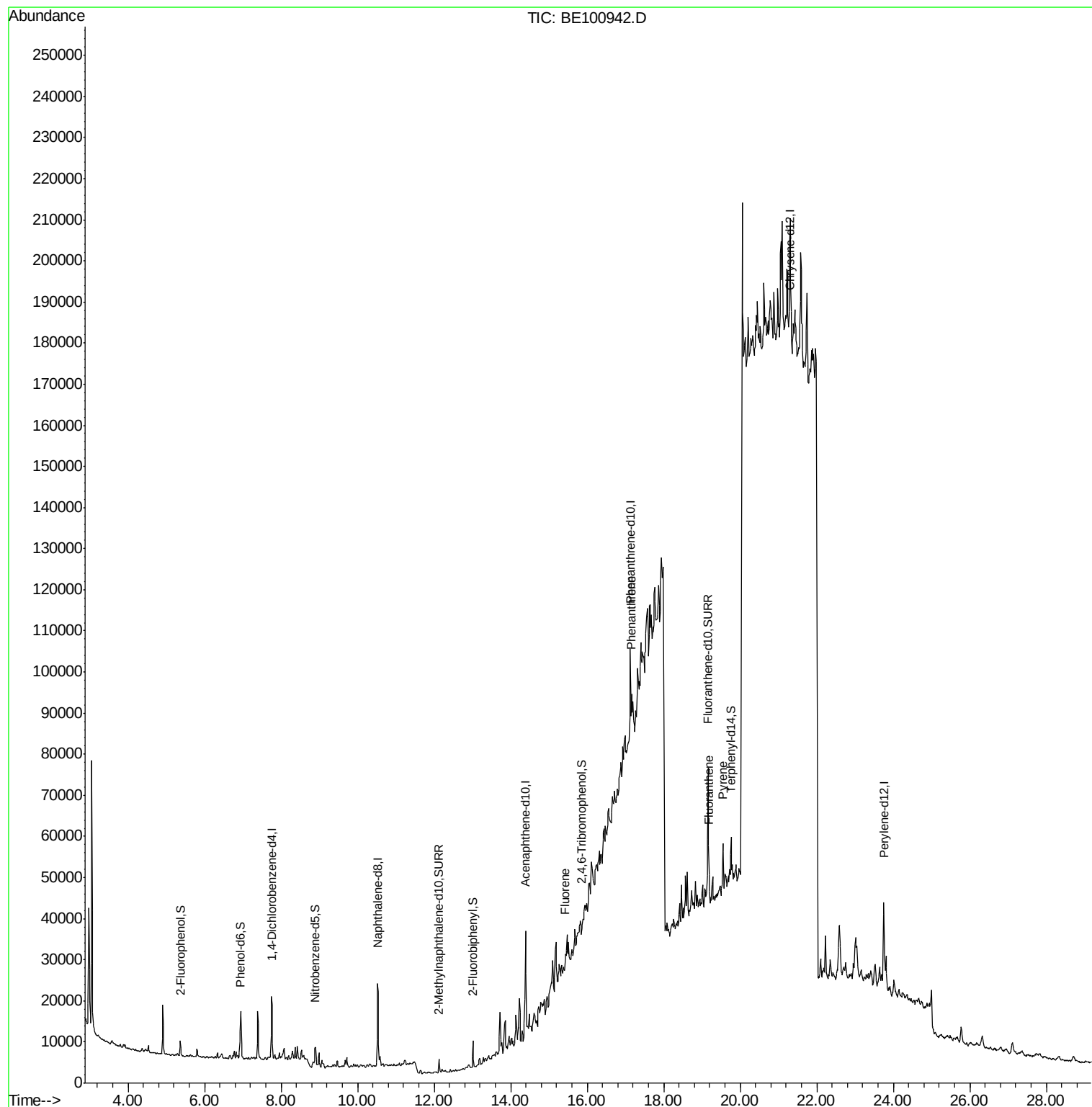
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4870	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22667	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	15332	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29983	0.40	ng	0.00
27) Chrysene-d12	21.31	240	25457	0.40	ng	0.00
34) Perylene-d12	23.75	264	31218	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1799	0.16	ng	0.00
5) Phenol-d6	6.93	99	2825	0.16	ng	0.00
8) Nitrobenzene-d5	8.90	82	2212	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4059	0.12	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	535	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	5389	0.09	ng	0.00
25) Fluoranthene-d10	19.16	212	43644	0.12	ng	0.00
29) Terphenyl-d14	19.76	244	7826	0.13	ng	0.00
Target Compounds						
18) Fluorene	15.42	166	1492	0.026	ng	# 79
23) Phenanthrene	17.16	178	9658	0.106	ng	# 1
26) Fluoranthene	19.18	202	7274	0.067	ng	# 55
28) Pyrene	19.55	202	12117	0.146	ng	# 77

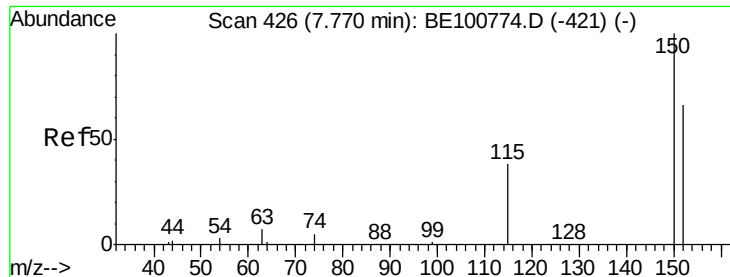
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 10:42:38 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Instrument :

BNA_E

ClientSampleId :

FD-2-2019-1209

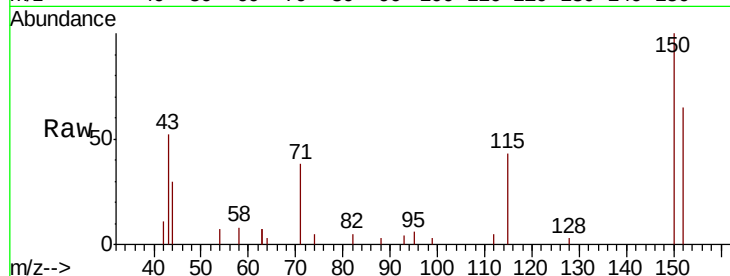
Tot Ion:152 Resp: 4870

Ion Ratio Lower Upper

152 100

150 154.2 125.5 188.3

115 66.7 55.7 83.5

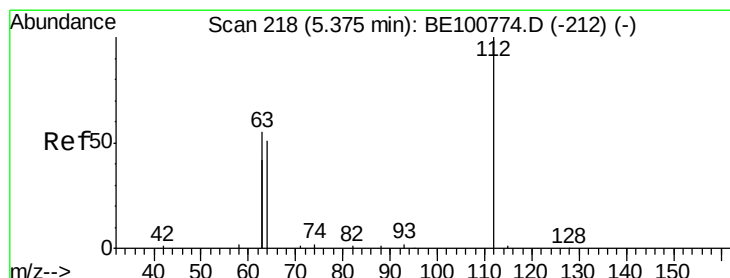
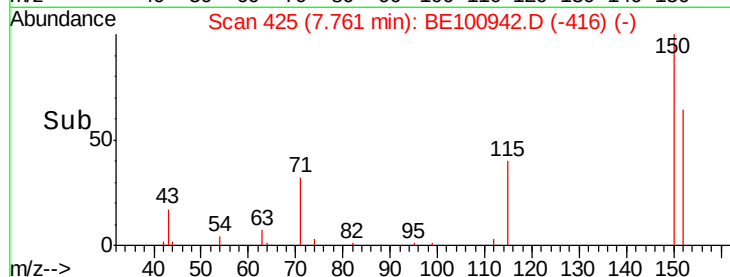
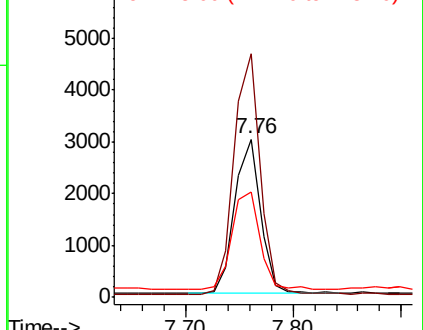


Abundance

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: 0.156 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

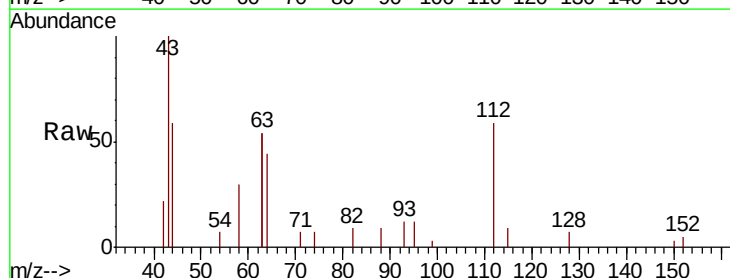
Tgt Ion:112 Resp: 1799

Ion Ratio Lower Upper

112 100

64 66.5 54.5 81.7

63 154.9 116.1 174.1

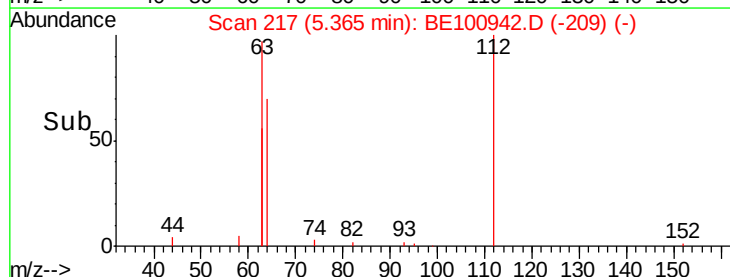
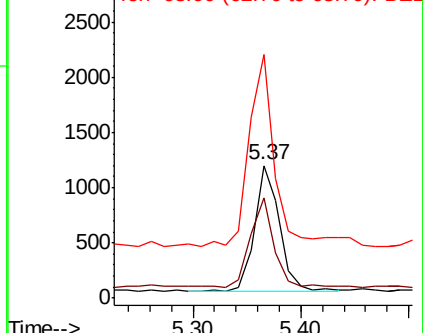


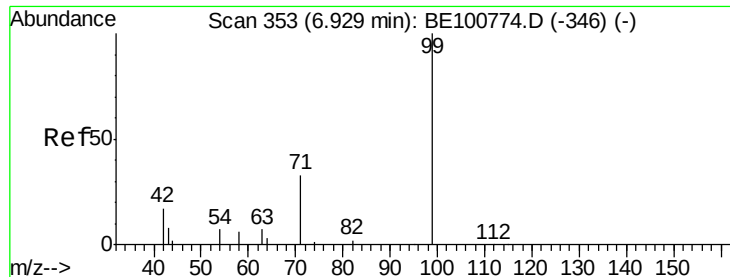
Abundance

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: 0.162 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Instrument :

BNA_E

ClientSampleId :

FD-2-2019-1209

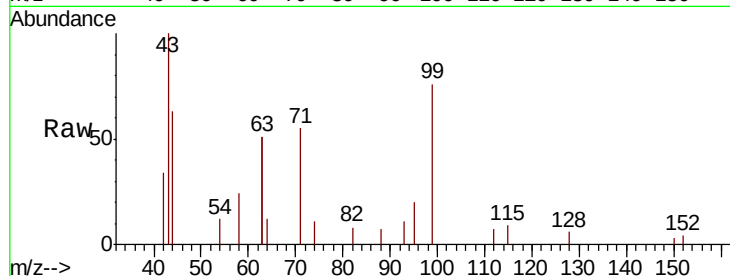
Tot Ion: 99 Resp: 2825

Ion Ratio Lower Upper

99 100

42 49.9 18.2 27.2#

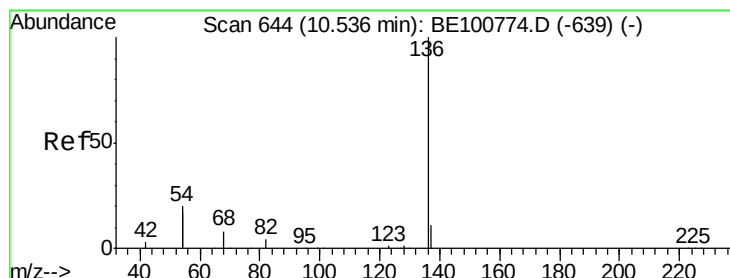
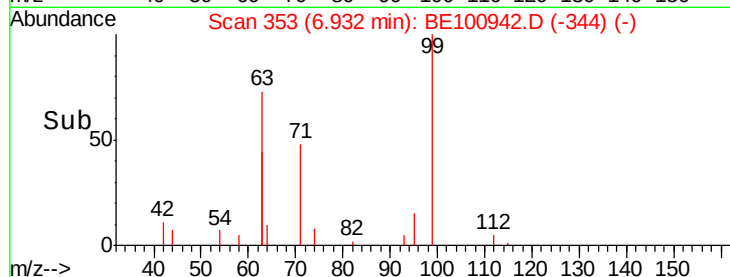
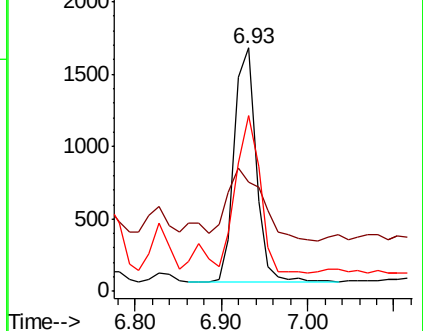
71 75.3 29.1 43.7#



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: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Tgt Ion: 136 Resp: 22667

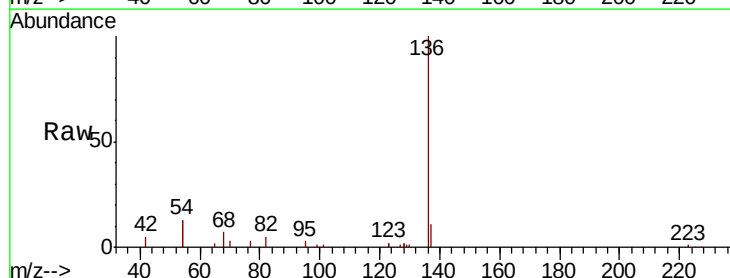
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 25.6 18.9 28.3

68 6.5 4.6 6.8

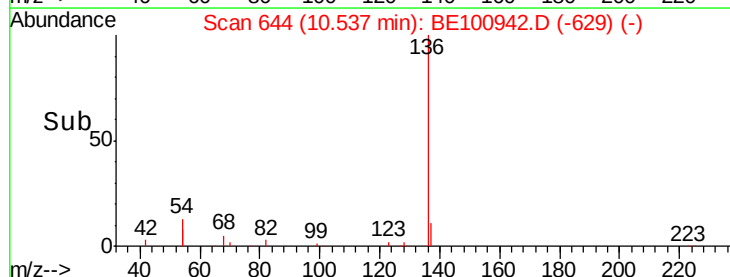
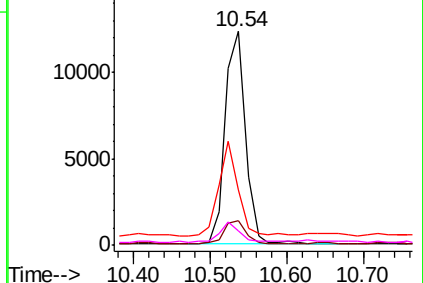


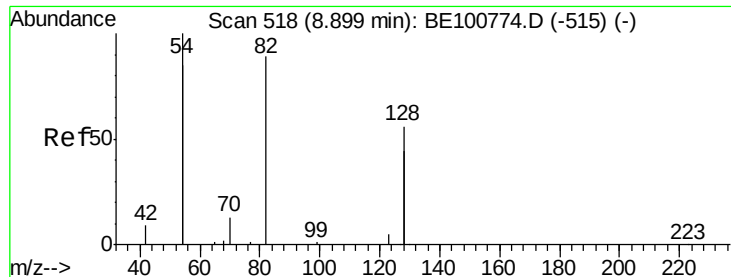
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.205 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Instrument :

BNA_E

ClientSampleId :

FD-2-2019-1209

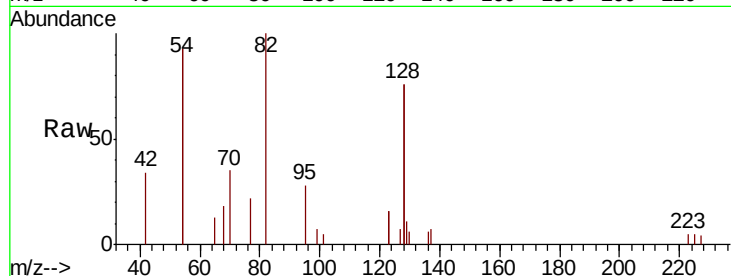
Tot Ion: 82 Resp: 2212

Ion Ratio Lower Upper

82 100

128 151.9 113.5 170.3

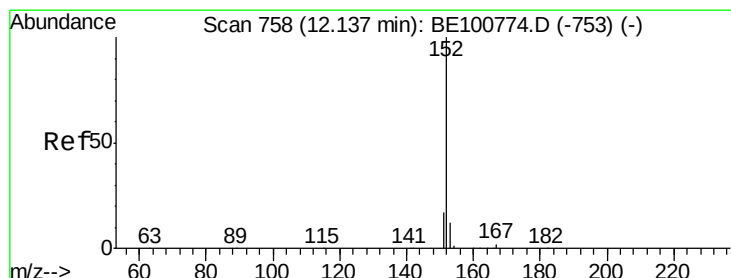
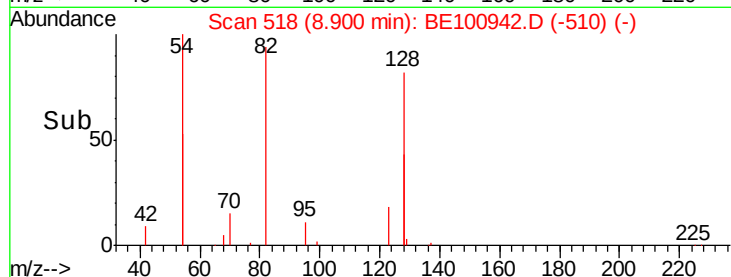
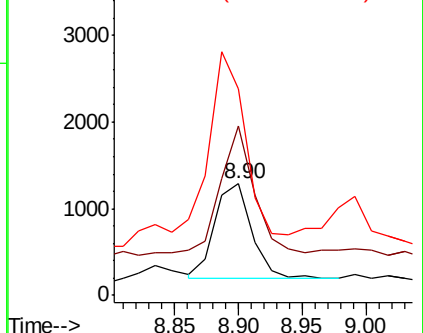
54 185.8 138.9 208.3



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: 0.124 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100942.D

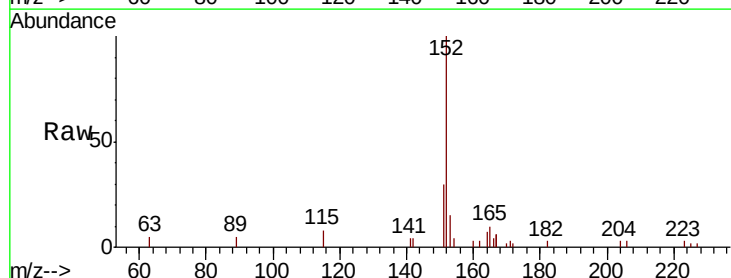
Acq: 17 Dec 2019 5:56

Tgt Ion: 152 Resp: 4059

Ion Ratio Lower Upper

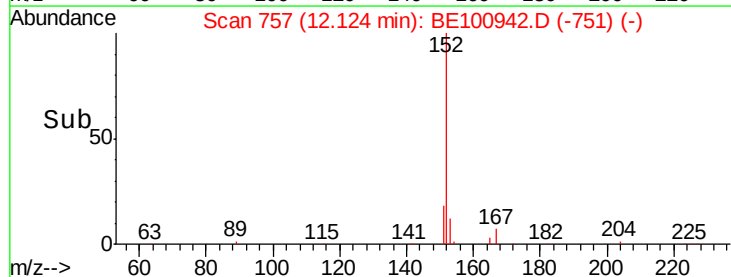
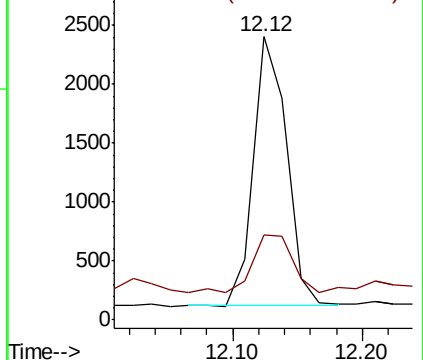
152 100

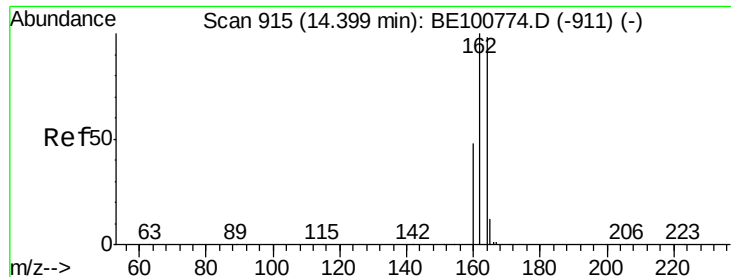
151 26.6 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

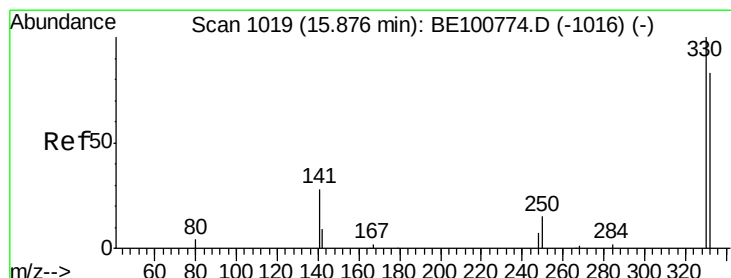
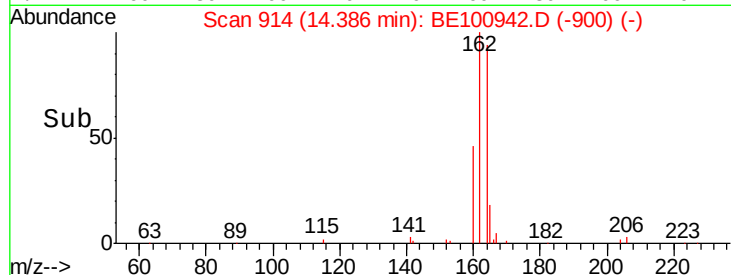
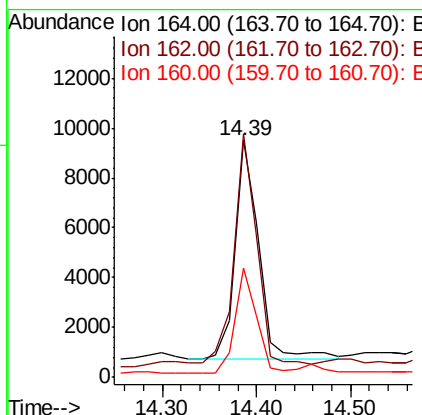
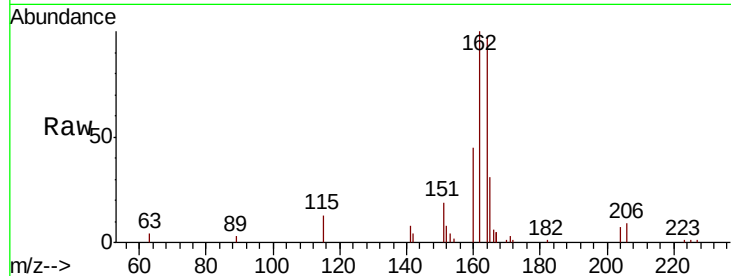




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100942.D
 Acq: 17 Dec 2019 5:56

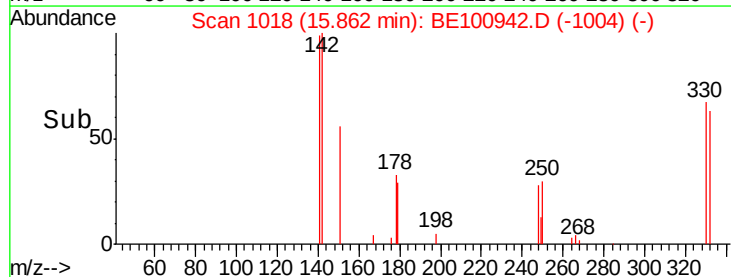
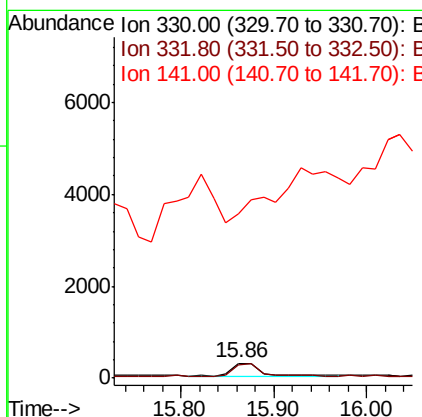
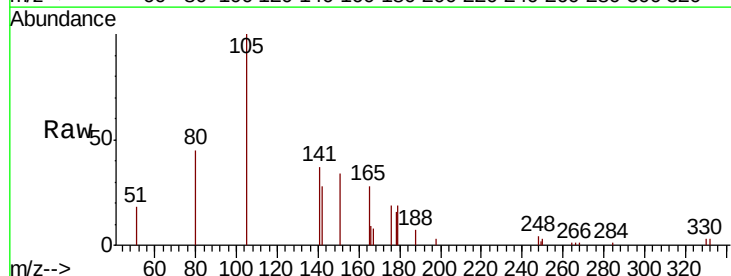
Instrument :
 BNA_E
 ClientSampleId :
 FD-2-2019-1209

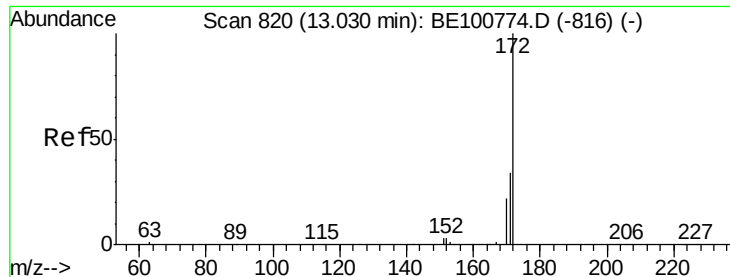
Tot Ion:164 Resp: 15332
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.0 129.0
 160 46.0 42.3 63.5



#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100942.D
 Acq: 17 Dec 2019 5:56

Tgt Ion:330 Resp: 535
 Ion Ratio Lower Upper
 330 100
 332 92.0 74.1 111.1
 141 0.0 46.7 70.1#

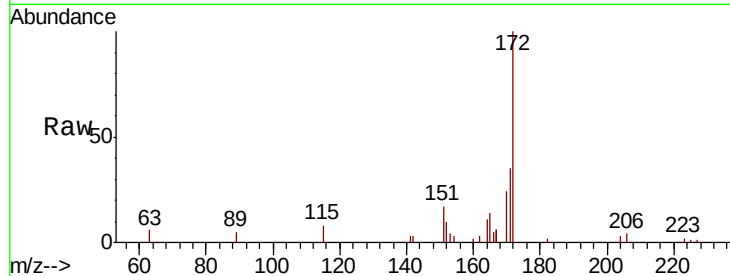




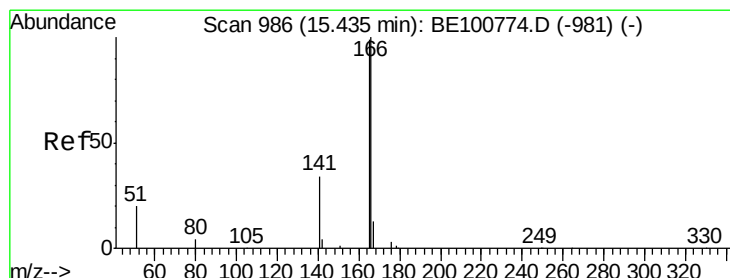
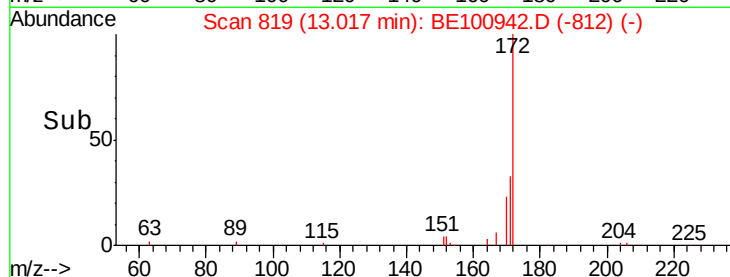
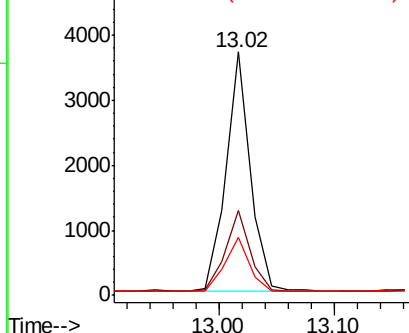
#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tot Ion:172 Resp: 5389
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.9 19.4 29.0

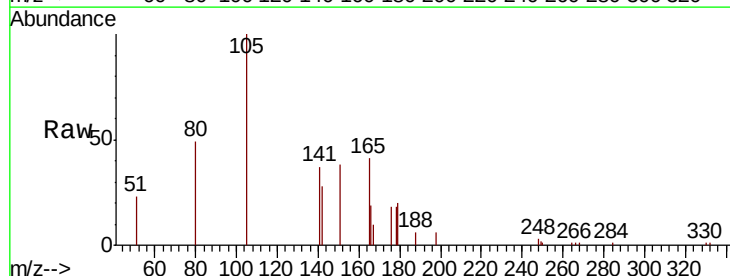


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

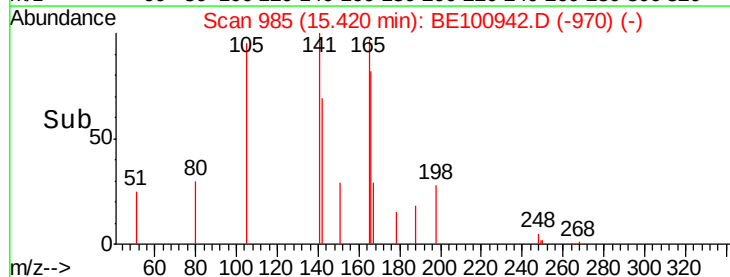
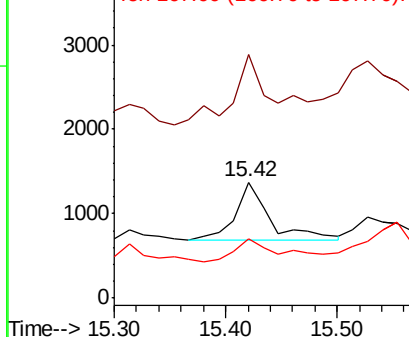


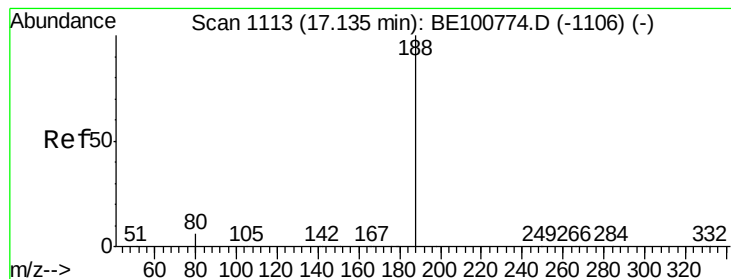
#18
Fluorene
Concen: 0.026 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:166 Resp: 1492
Ion Ratio Lower Upper
166 100
165 110.9 80.2 120.4
167 51.4 10.6 16.0#



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: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Instrument :

BNA_E

ClientSampleId :

FD-2-2019-1209

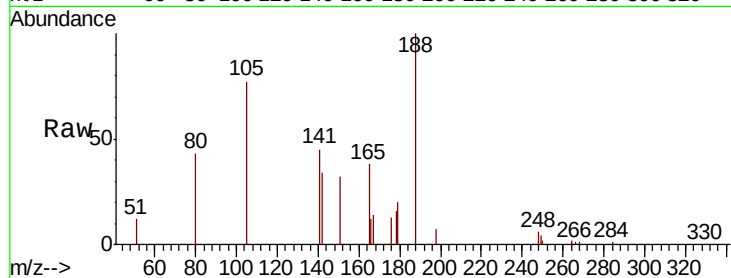
Tot Ion:188 Resp: 29983

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

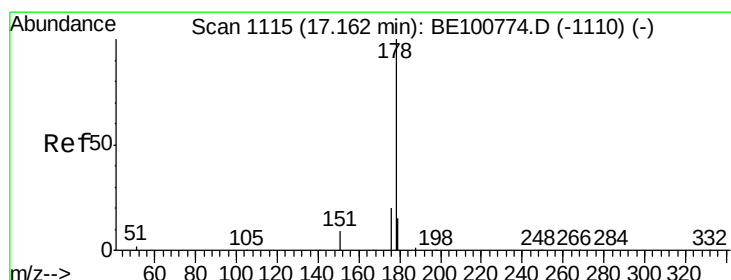
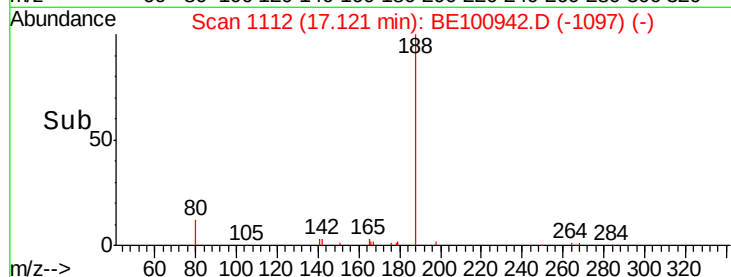
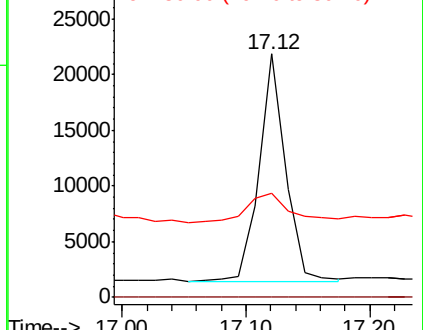
80 42.9 7.9 11.9#



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: 0.106 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

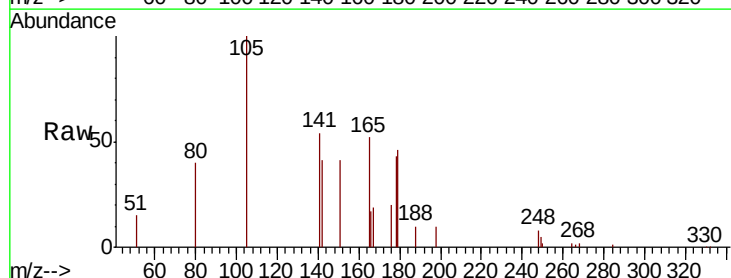
Tgt Ion:178 Resp: 9658

Ion Ratio Lower Upper

178 100

176 31.3 15.6 23.4#

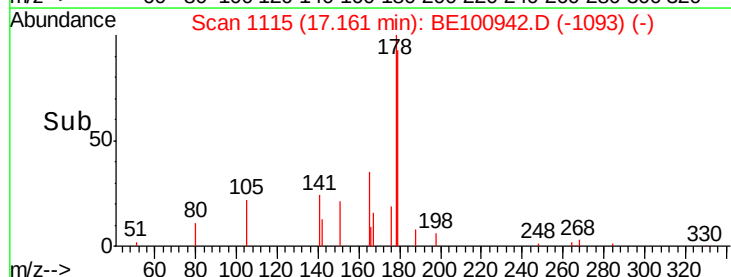
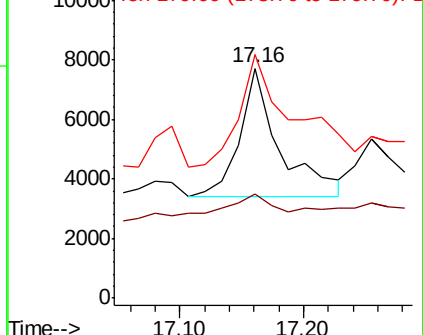
179 115.6 11.9 17.9#

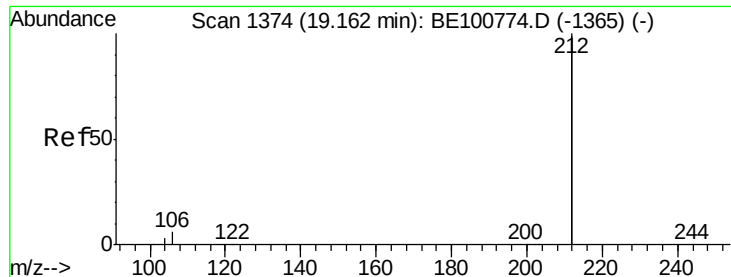


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.123 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Instrument :

BNA_E

ClientSampleId :

FD-2-2019-1209

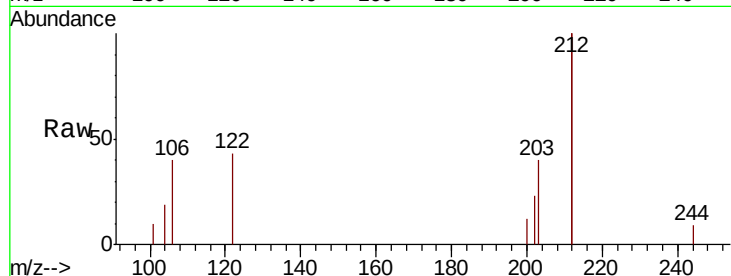
Tot Ion:212 Resp: 43644

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

104 2.8 1.4 2.2#

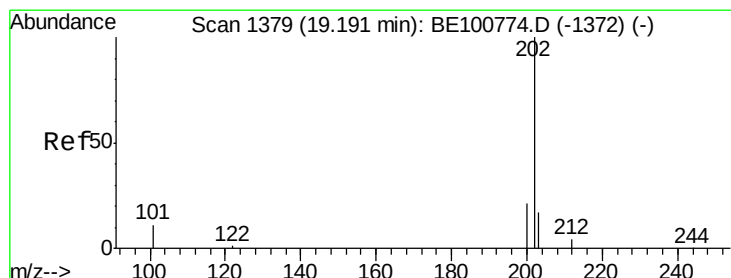
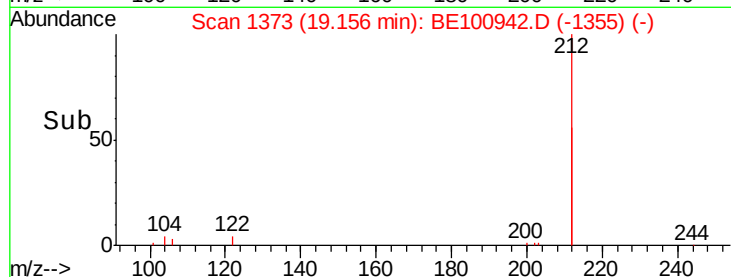
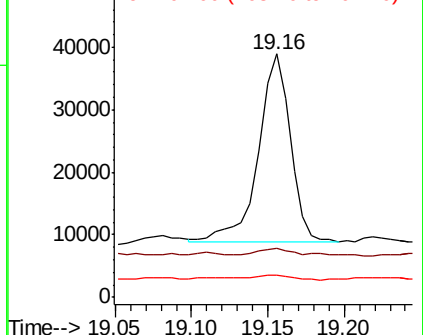


Abundance

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: 0.067 ng

RT: 19.18 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

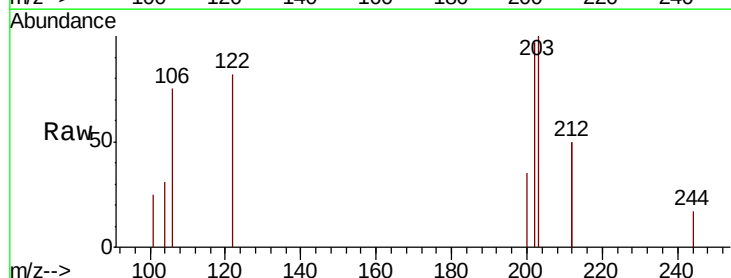
Tgt Ion:202 Resp: 7274

Ion Ratio Lower Upper

202 100

101 17.3 9.4 14.0#

203 45.6 13.7 20.5#

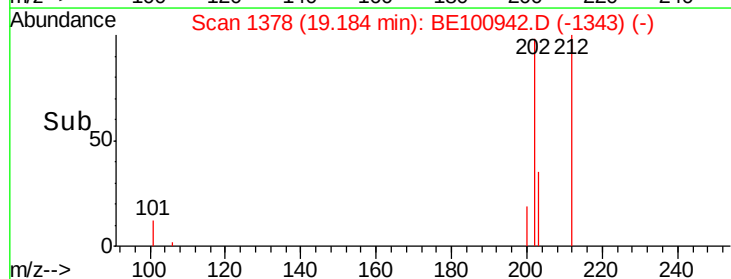
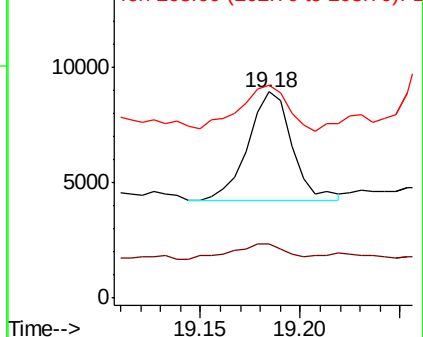


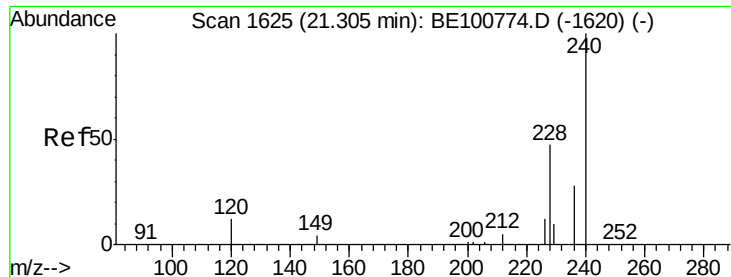
Abundance

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

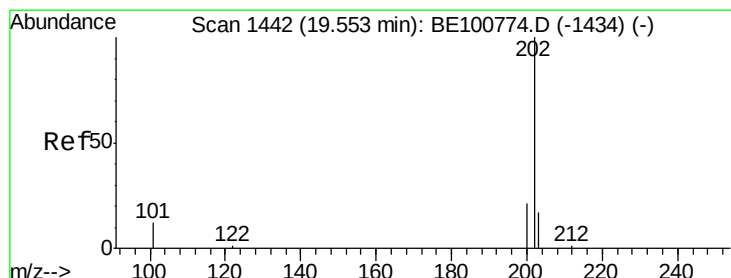
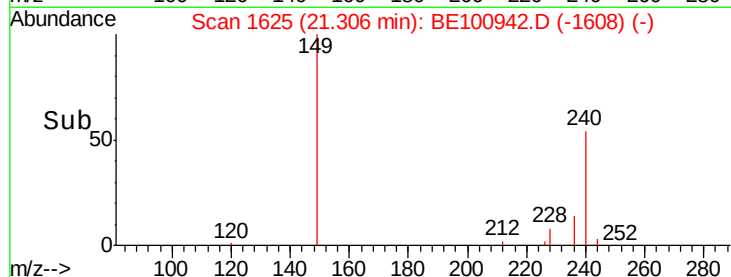
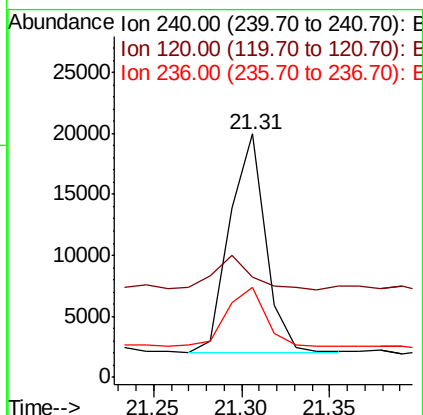
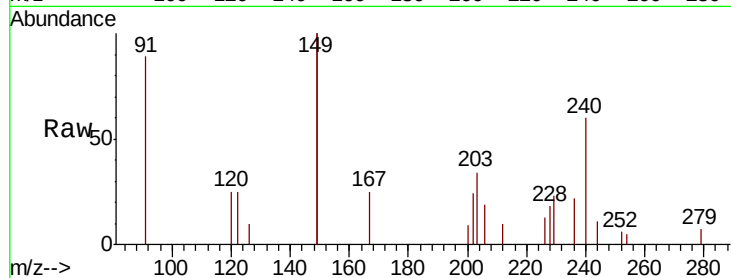




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

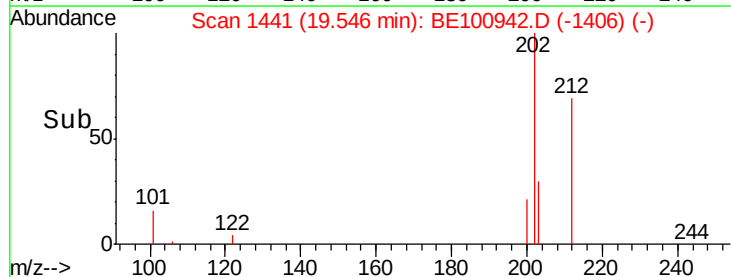
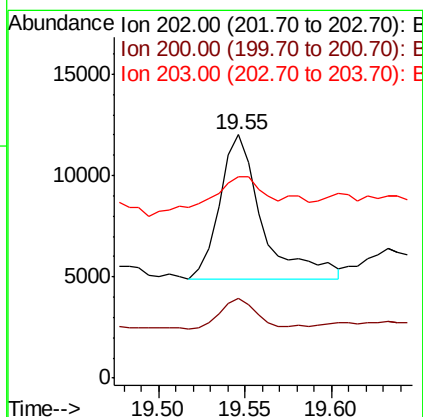
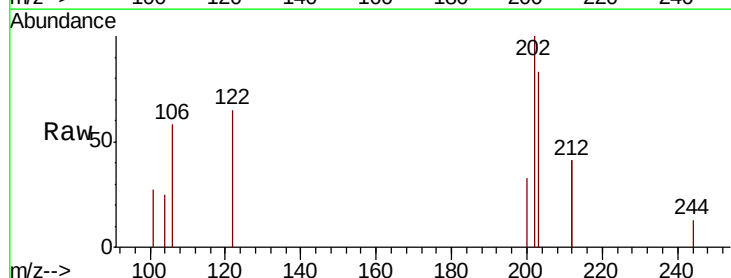
Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

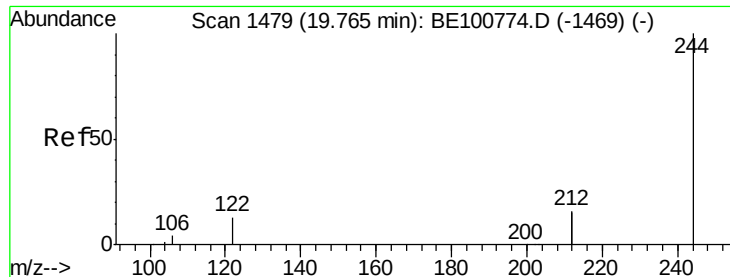
Tot Ion:240 Resp: 25457
Ion Ratio Lower Upper
240 100
120 41.4 4.0 6.0#
236 36.7 21.6 32.4#



#28
Pyrene
Concen: 0.146 ng
RT: 19.55 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:202 Resp: 12117
Ion Ratio Lower Upper
202 100
200 18.4 17.0 25.4
203 36.2 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.128 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

Instrument :

BNA_E

ClientSampleId :

FD-2-2019-1209

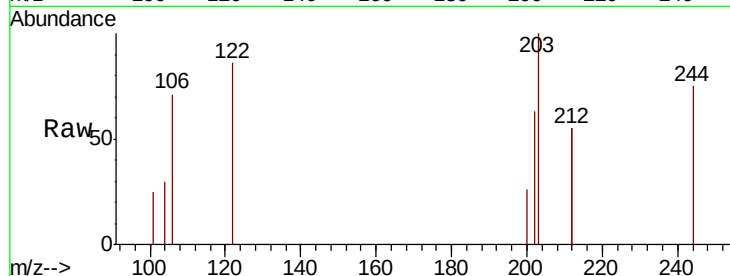
Tot Ion:244 Resp: 7826

Ion Ratio Lower Upper

244 100

212 146.8 25.2 37.8#

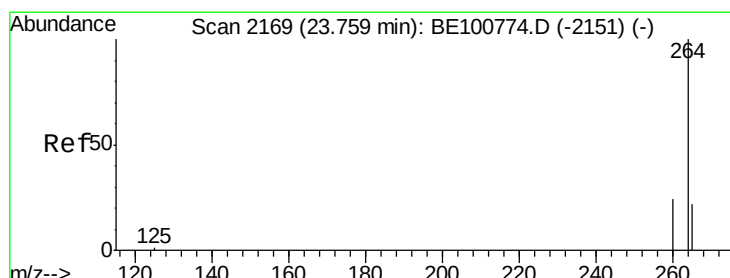
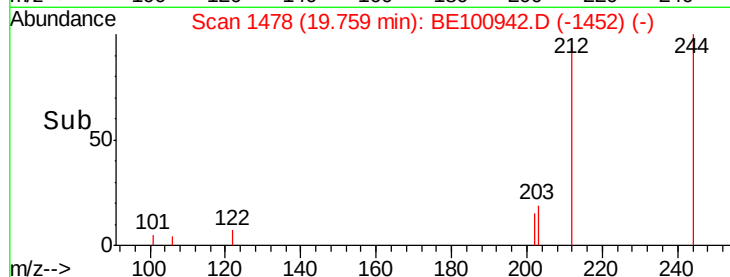
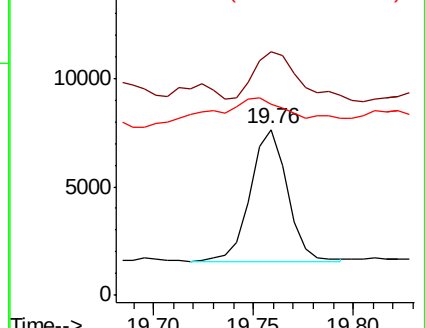
122 115.1 8.9 13.3#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BE100942.D

Acq: 17 Dec 2019 5:56

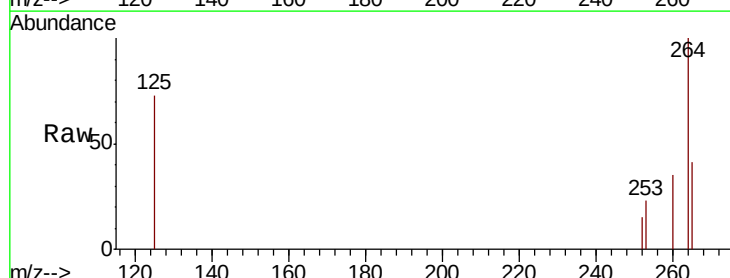
Tgt Ion:264 Resp: 31218

Ion Ratio Lower Upper

264 100

260 35.0 19.4 29.0#

265 41.3 20.1 30.1#



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

