

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100788.D
 Acq On : 5 Dec 2019 14:34
 Operator : JU
 Sample : K6024-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 05 15:43:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6361	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	30125	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	20739	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	49503	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	46178	0.40	ng	0.00
34) Perylene-d12	23.76	264	52417	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	4141	0.27	ng	0.00
5) Phenol-d6	6.93	99	4456	0.20	ng	0.00
8) Nitrobenzene-d5	8.90	82	6506	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16381	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	3286	1.42	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	24249	0.29	ng	-0.01
25) Fluoranthene-d10	19.16	212	217803	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	45182	0.41	ng	0.00

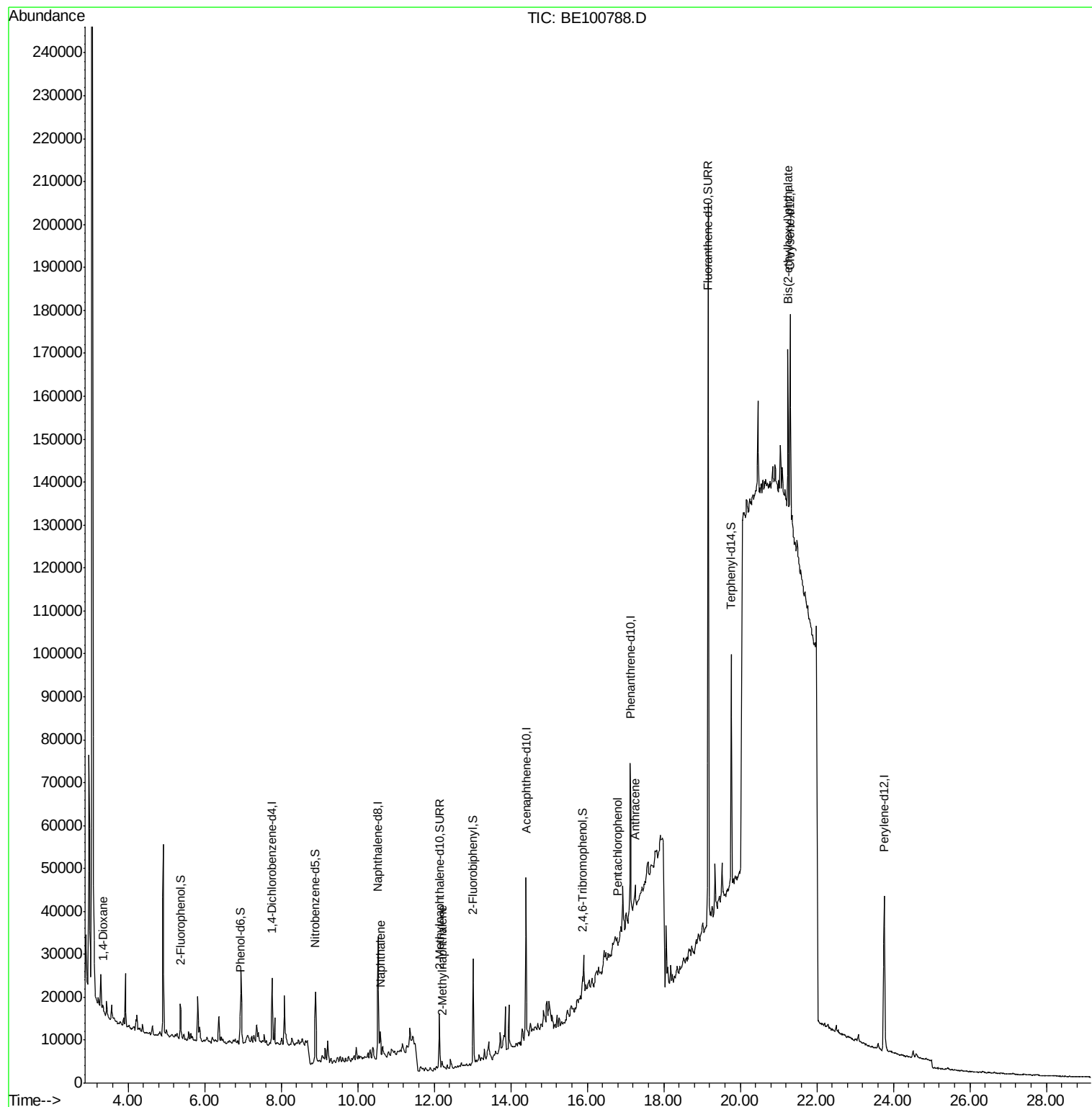
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	1025	0.088	ng	# 1
9) Naphthalene	10.59	128	9294	0.029	ng	# 95
12) 2-Methylnaphthalene	12.21	142	1648	0.033	ng	# 78
22) Pentachlorophenol	16.79	266	158	0.087	ng	# 88
24) Anthracene	17.25	178	4632	0.037	ng	# 39
32) Bis(2-ethylhexyl)phthalate	21.25	149	41386	0.433	ng	# 97

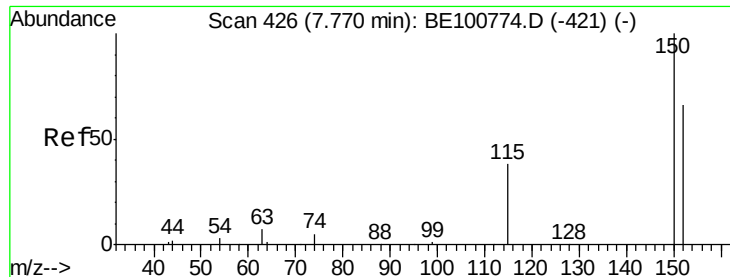
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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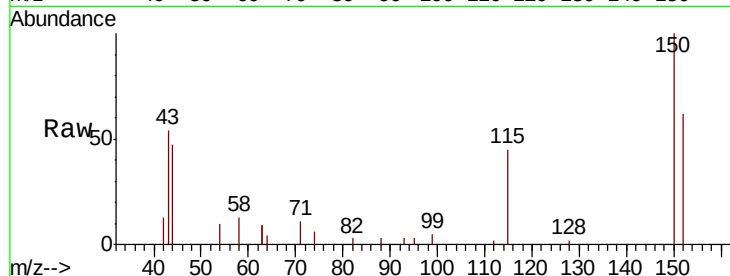


#1

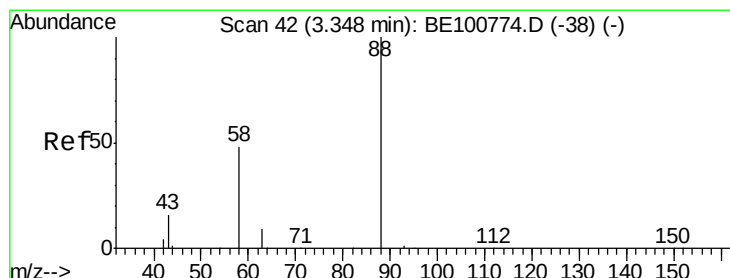
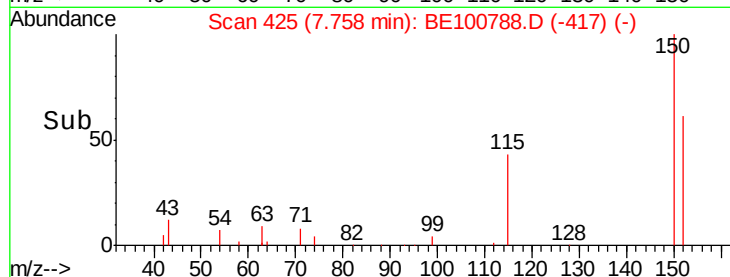
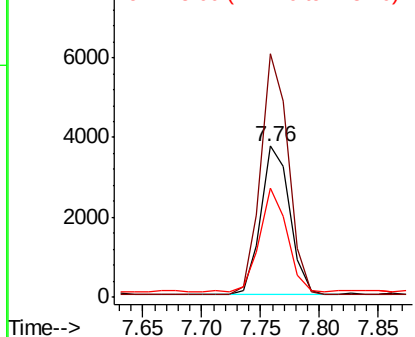
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 6361
Ion Ratio Lower Upper
152 100
150 161.4 120.6 181.0
115 72.0 47.4 71.2#



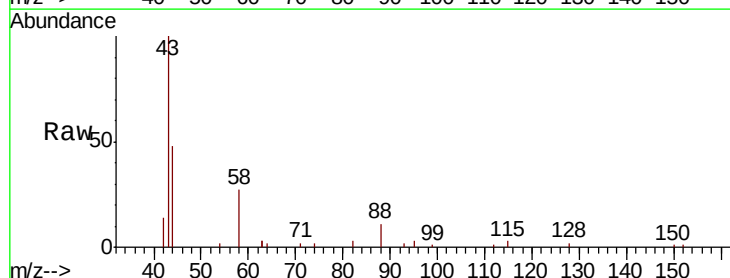
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



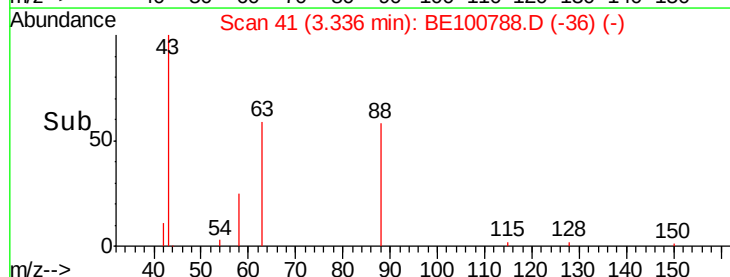
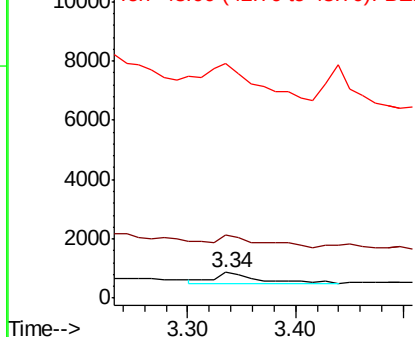
#2

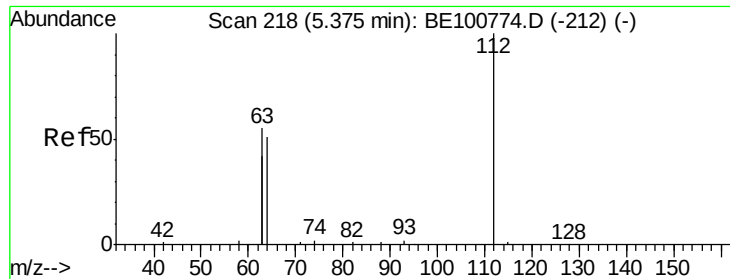
1,4-Dioxane
Concen: 0.088 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100788.D
Acq: 5 Dec 2019 14:34

Tgt Ion: 88 Resp: 1025
Ion Ratio Lower Upper
88 100
58 93.3 52.5 78.7#
43 318.8 23.0 34.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.274 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampled :

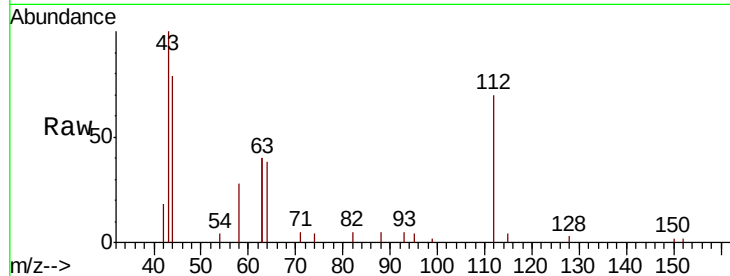
Tot Ion:112 Resp: 4141

Ion Ratio Lower Upper

112 100

64 65.8 54.1 81.1

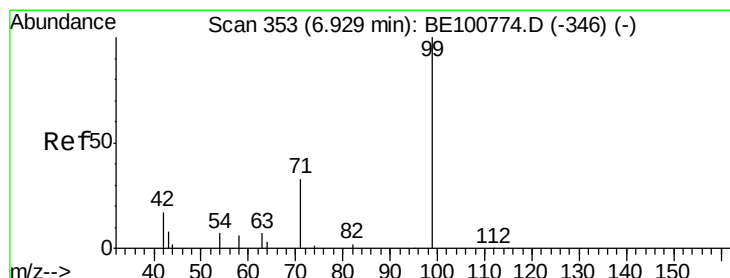
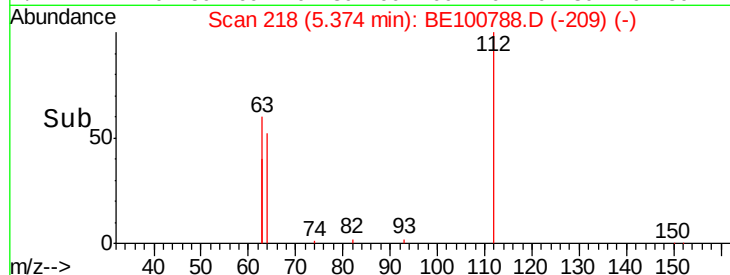
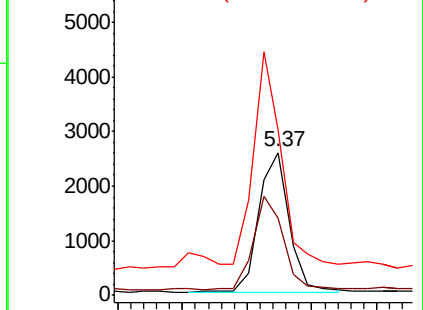
63 138.9 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.196 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

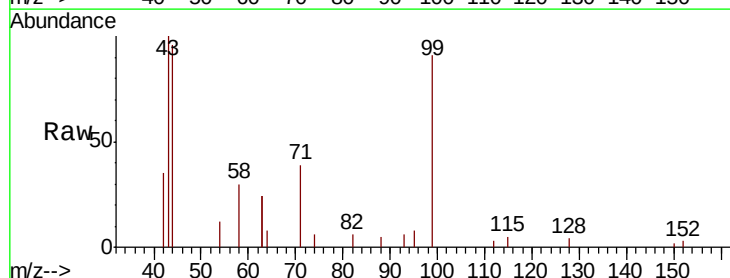
Tgt Ion: 99 Resp: 4456

Ion Ratio Lower Upper

99 100

42 43.4 19.1 28.7#

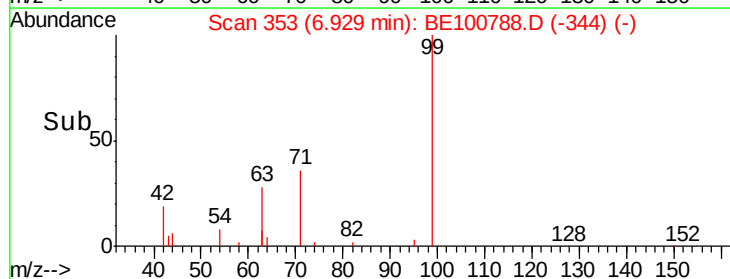
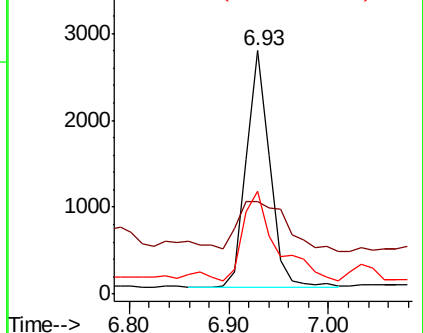
71 53.7 27.7 41.5#

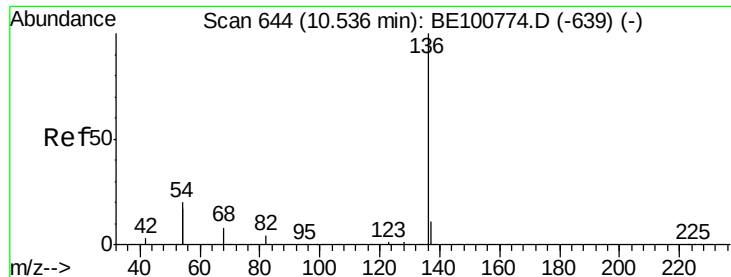


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 30125

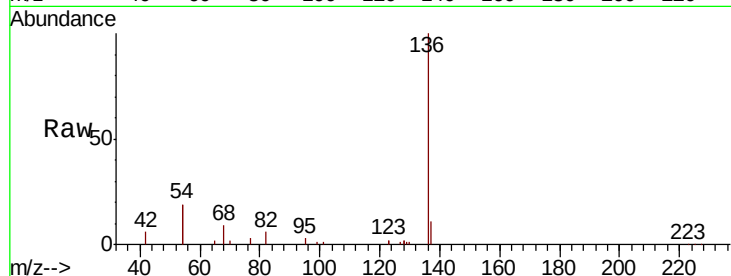
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 37.2 31.1 46.7

68 8.7 6.6 10.0

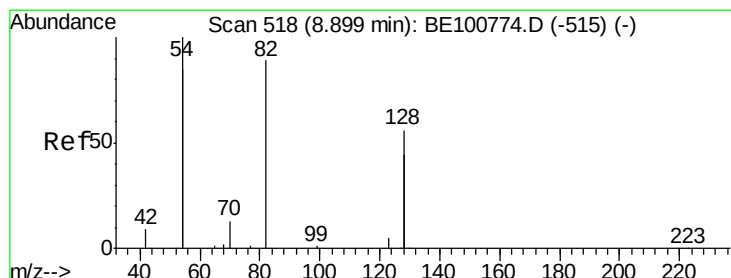
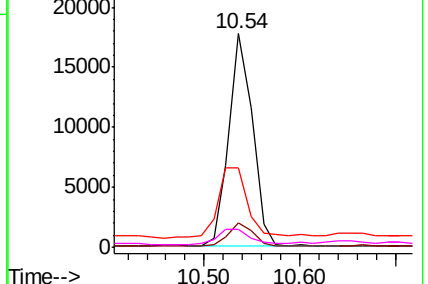
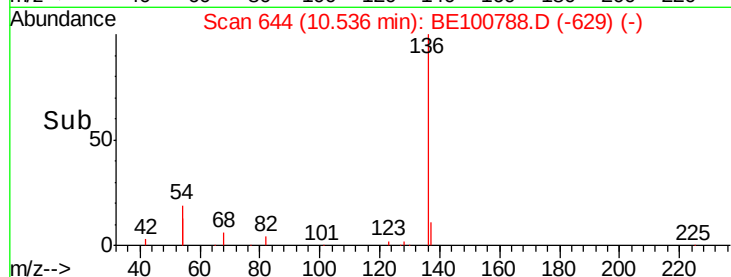


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.454 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

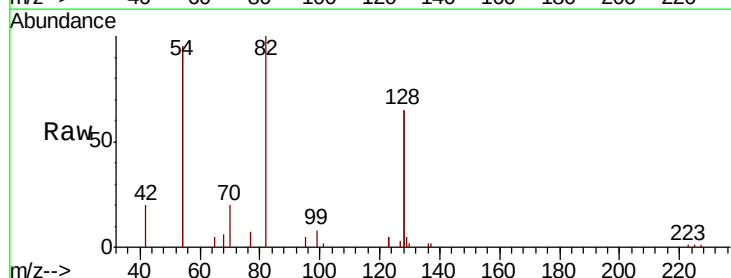
Tgt Ion: 82 Resp: 6506

Ion Ratio Lower Upper

82 100

128 130.0 97.0 145.4

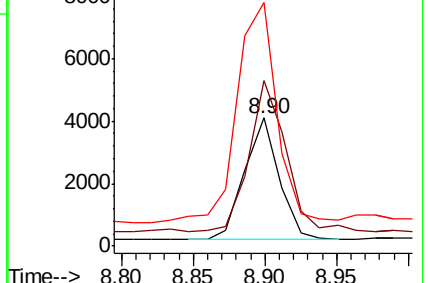
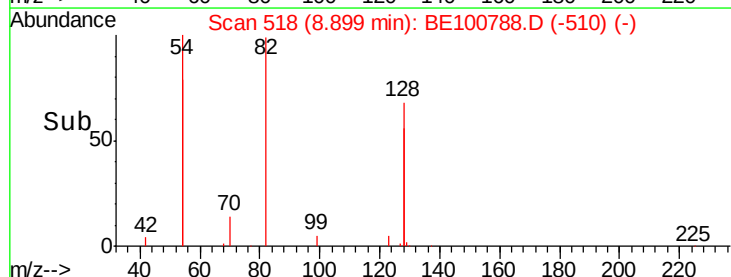
54 190.5 171.8 257.6

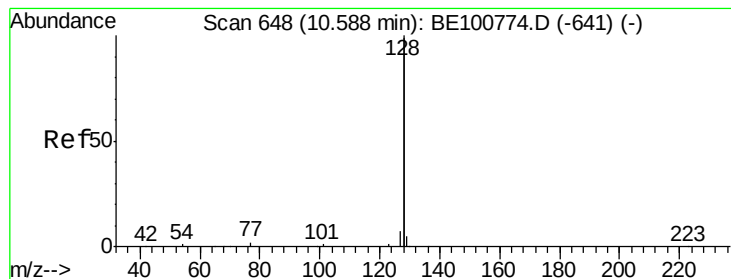


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.029 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampleId :

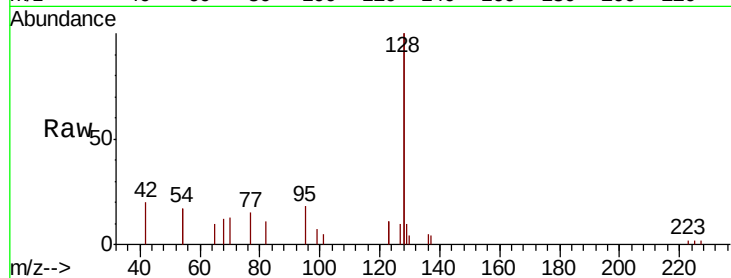
Tot Ion:128 Resp: 9294

Ion Ratio Lower Upper

128 100

129 4.9 2.2 3.4#

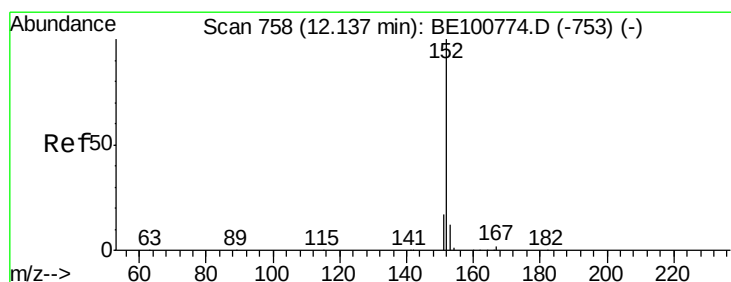
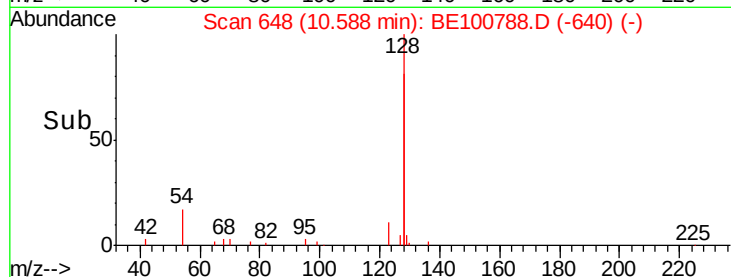
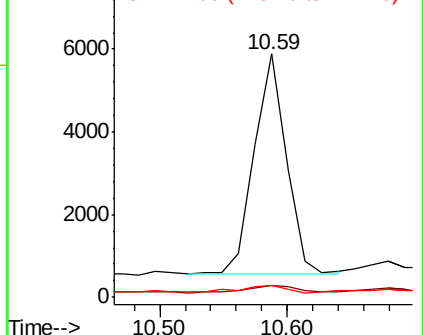
127 4.9 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100788.D

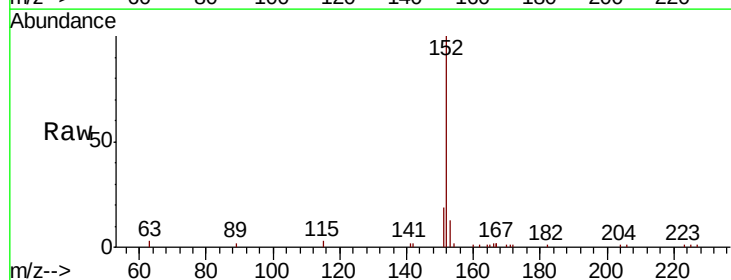
Acq: 5 Dec 2019 14:34

Tgt Ion:152 Resp: 16381

Ion Ratio Lower Upper

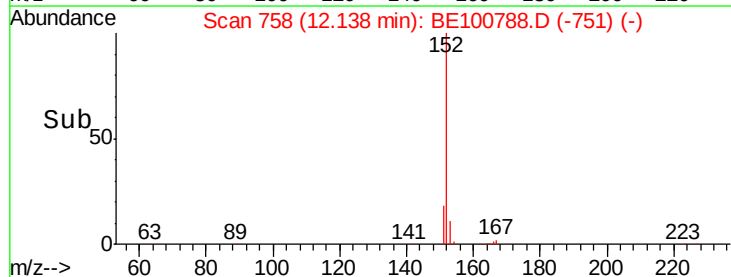
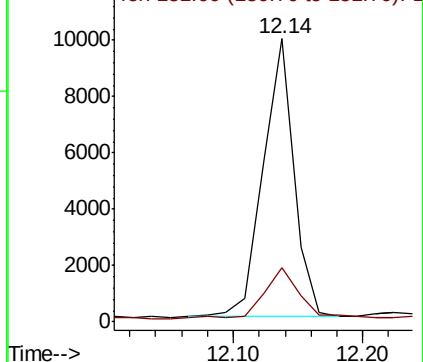
152 100

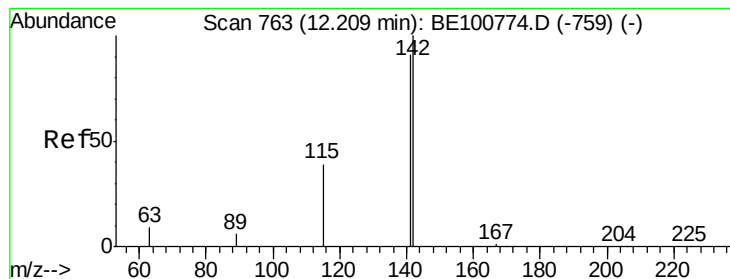
151 20.5 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampleId :

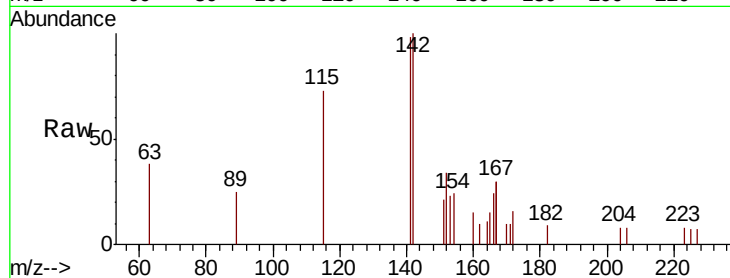
Tot Ion:142 Resp: 1648

Ion Ratio Lower Upper

142 100

141 97.6 72.6 108.8

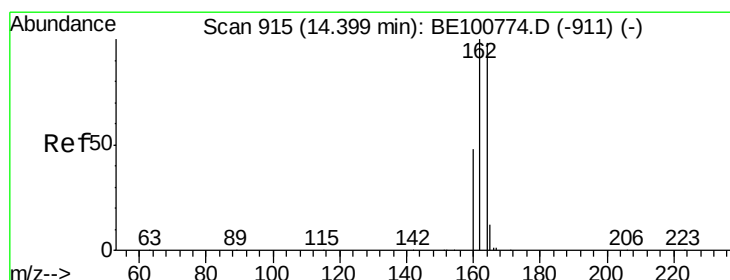
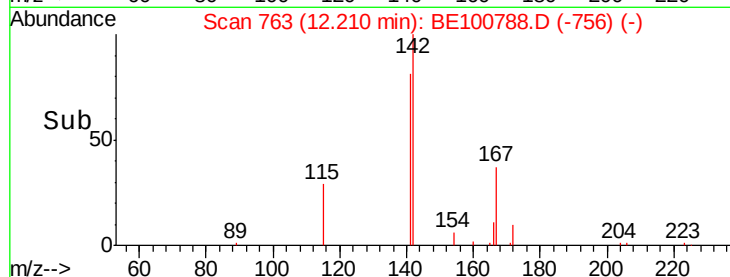
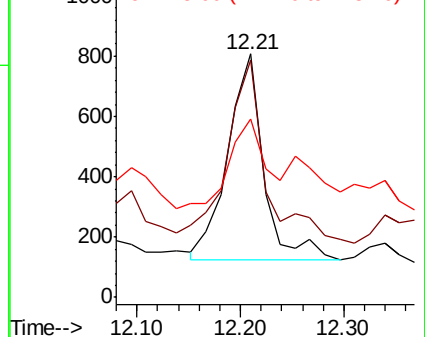
115 73.2 31.8 47.6#



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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

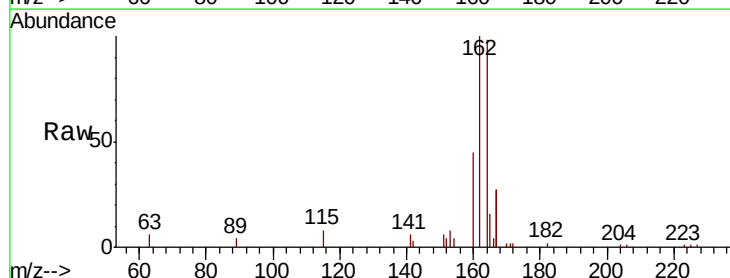
Tgt Ion:164 Resp: 20739

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

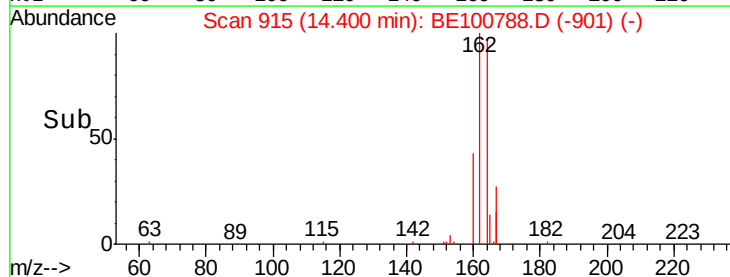
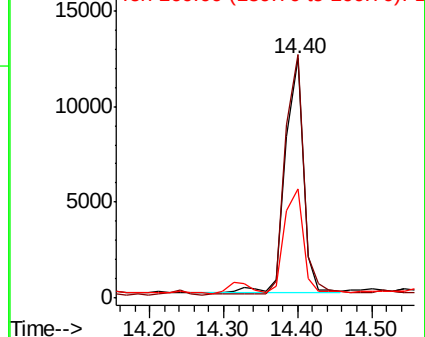
160 45.8 39.4 59.0

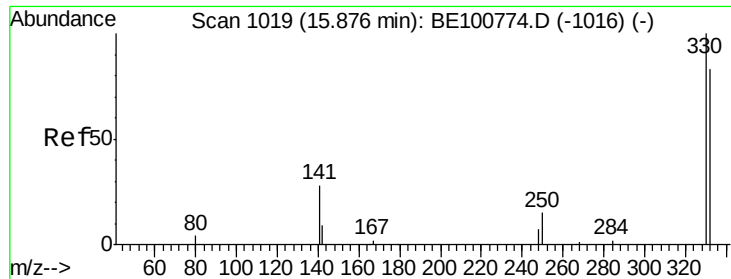


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 1.425 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampleId :

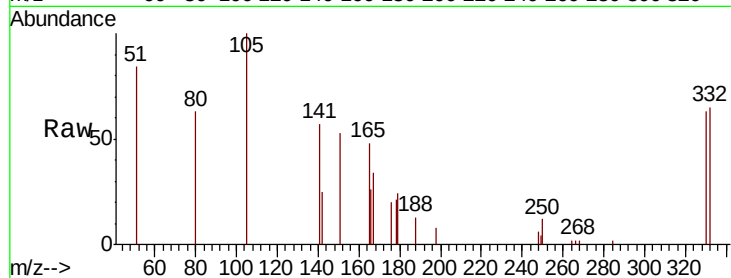
Tot Ion:330 Resp: 3286

Ion Ratio Lower Upper

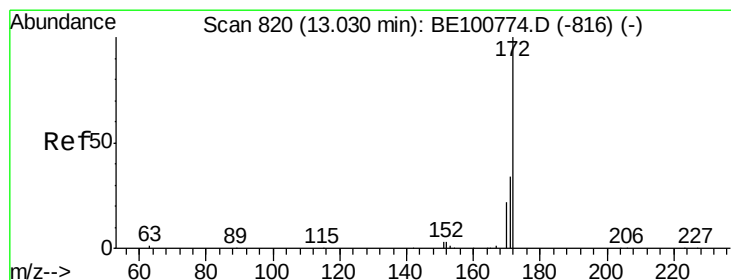
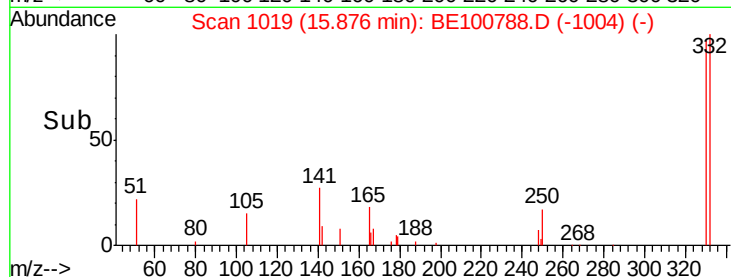
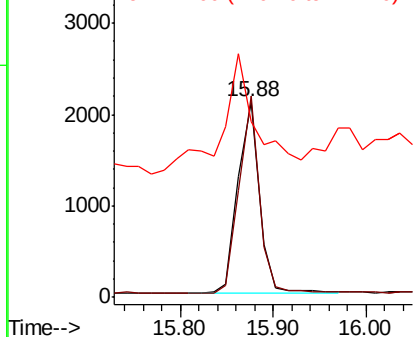
330 100

332 98.1 69.4 104.2

141 107.0 51.1 76.7#



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: 0.295 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

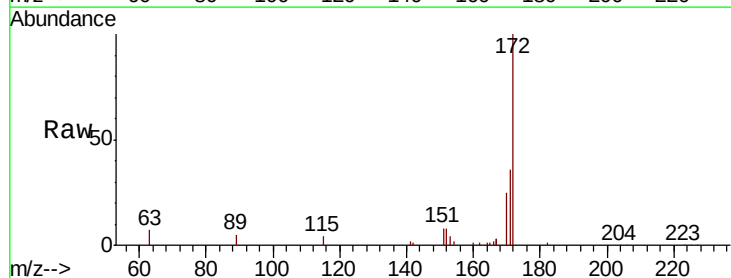
Tgt Ion:172 Resp: 24249

Ion Ratio Lower Upper

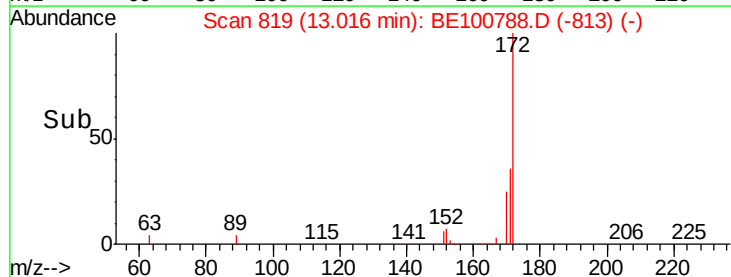
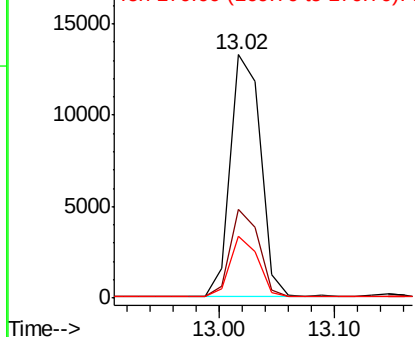
172 100

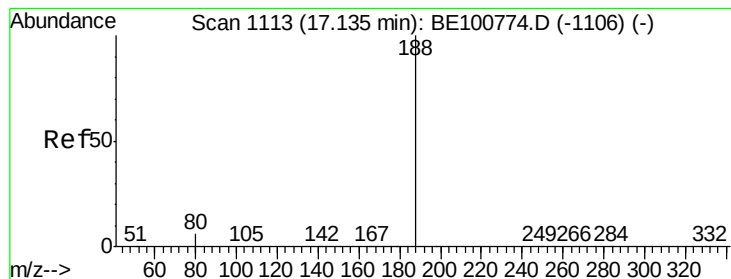
171 36.4 27.2 40.8

170 25.3 18.0 27.0



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampleId :

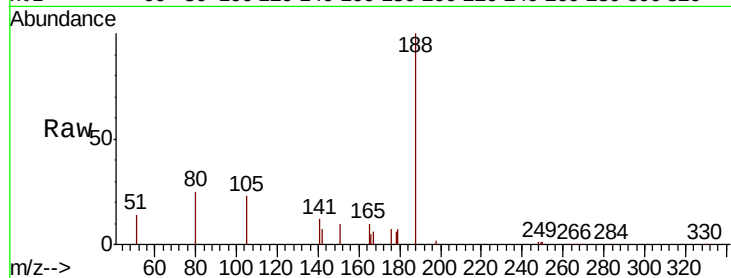
Tot Ion:188 Resp: 49503

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

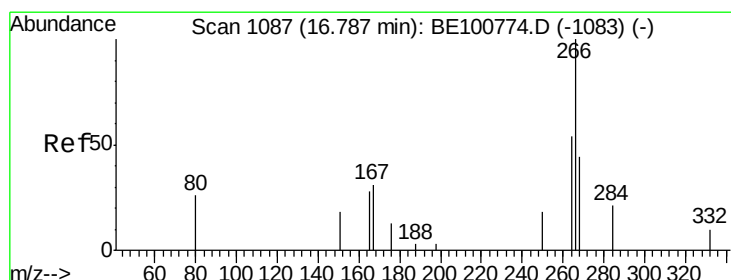
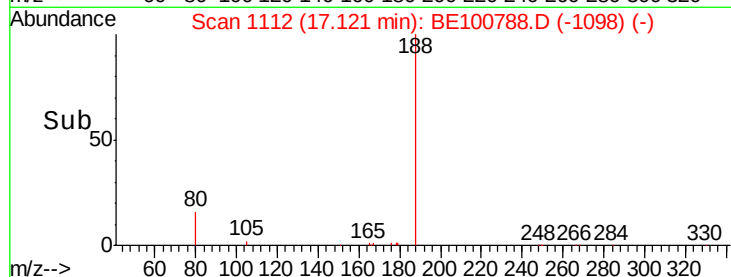
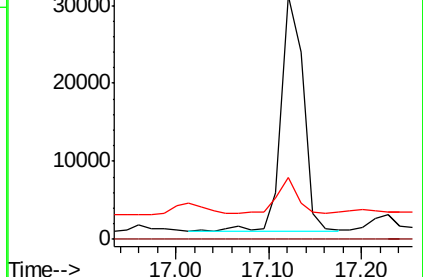
80 25.2 5.2 7.8#



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



#22

Pentachlorophenol

Concen: 0.087 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

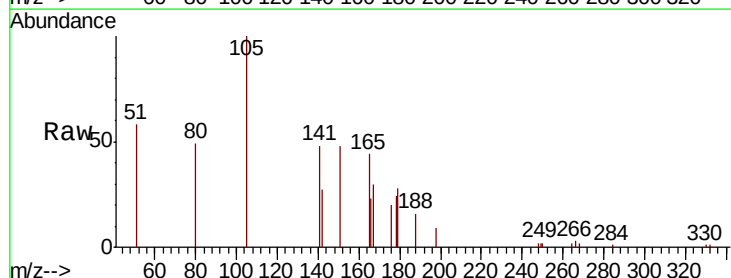
Tgt Ion:266 Resp: 158

Ion Ratio Lower Upper

266 100

264 64.3 63.4 95.0

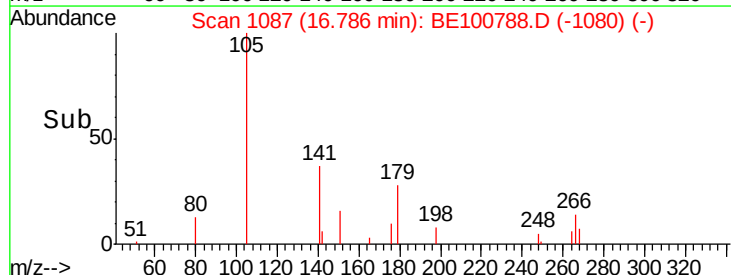
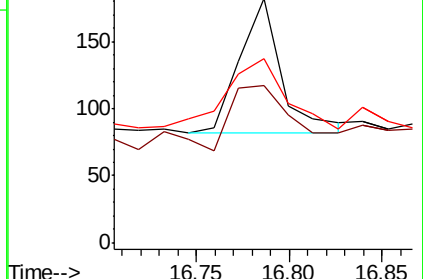
268 75.3 65.8 98.8

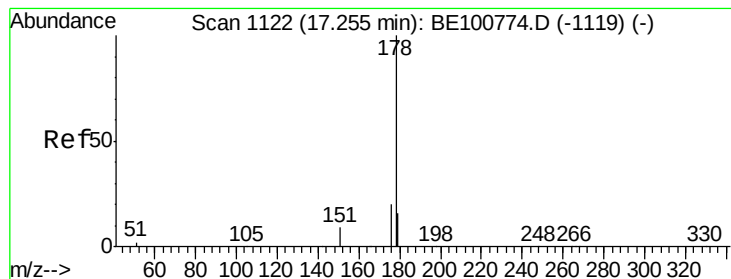


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.037 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

Instrument :

BNA_E

ClientSampleId :

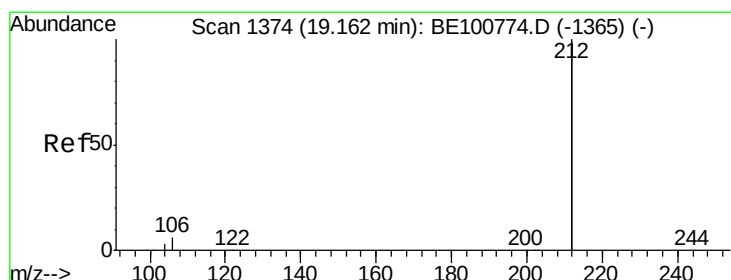
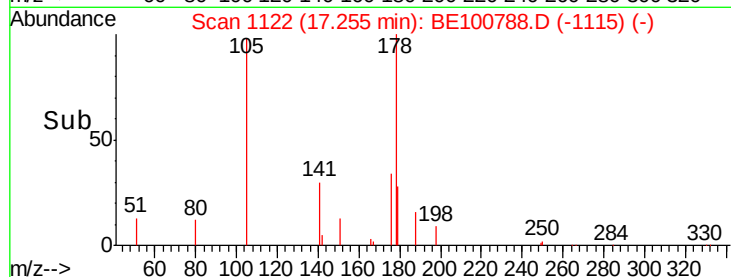
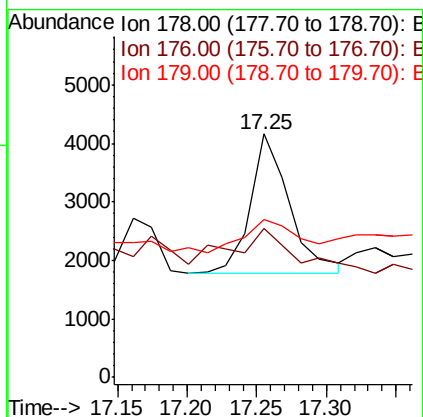
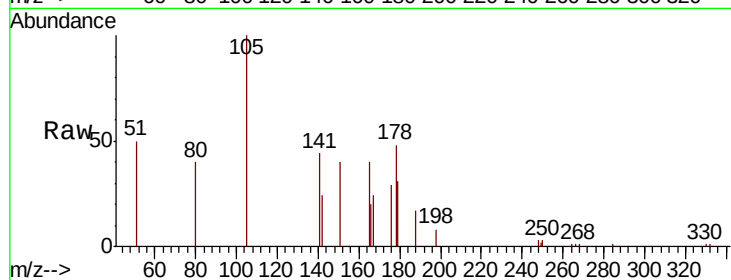
Tot Ion:178 Resp: 4632

Ion Ratio Lower Upper

178 100

176 54.0 15.4 23.2#

179 33.3 12.7 19.1#



#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100788.D

Acq: 5 Dec 2019 14:34

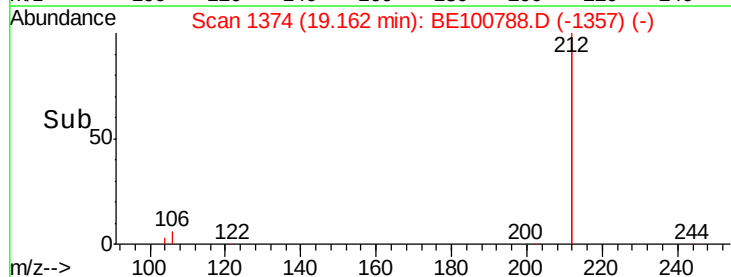
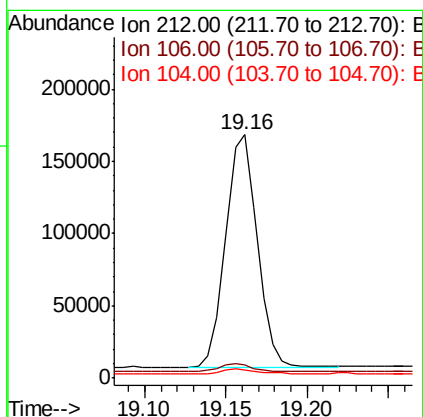
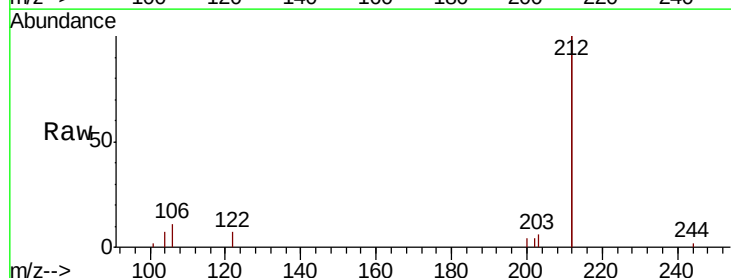
Tgt Ion:212 Resp: 217803

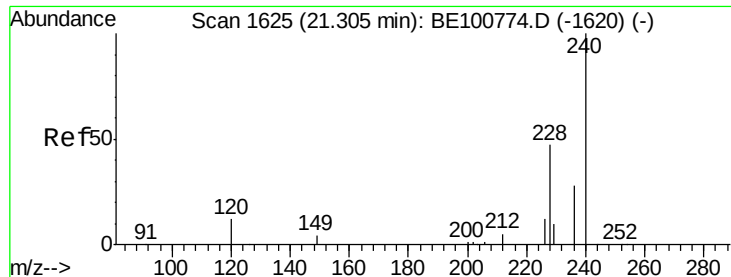
Ion Ratio Lower Upper

212 100

106 3.8 2.6 3.8

104 2.2 1.4 2.2#

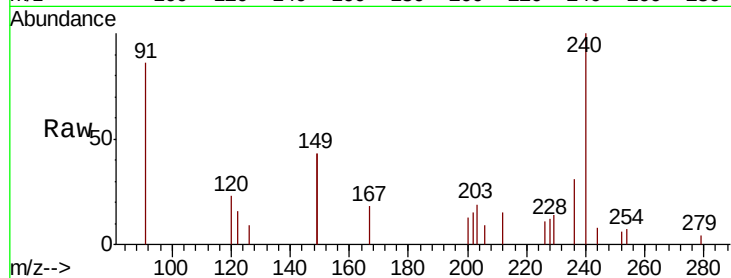




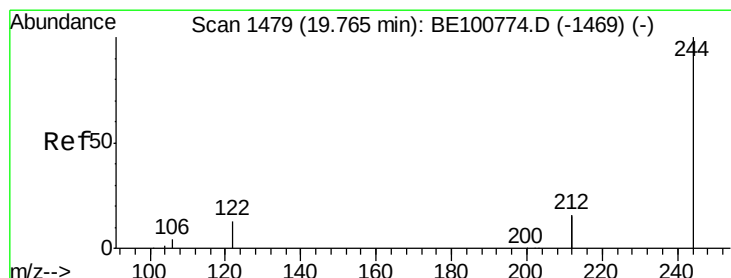
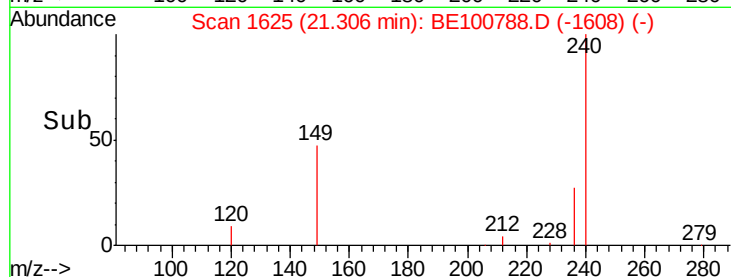
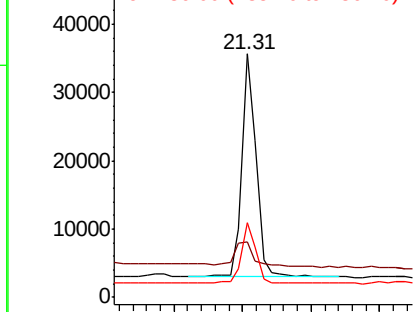
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100788.D
 Acq: 5 Dec 2019 14:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 46178
 Ion Ratio Lower Upper
 240 100
 120 22.9 10.2 15.2#
 236 30.8 22.3 33.5

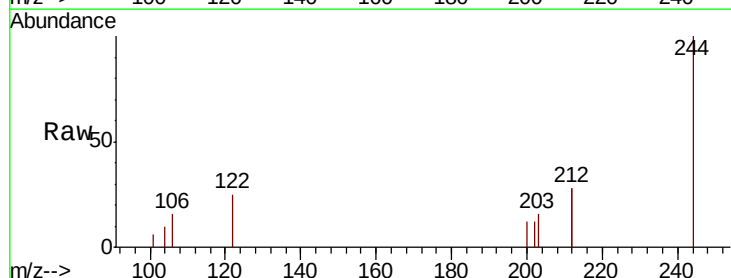


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

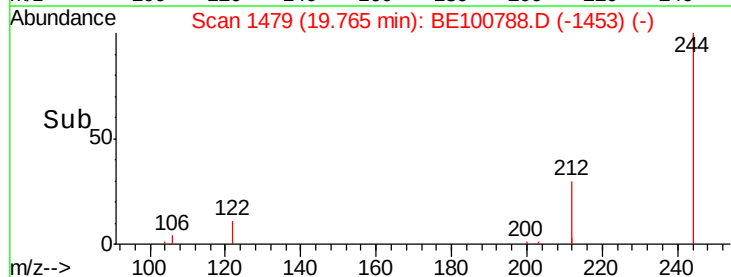
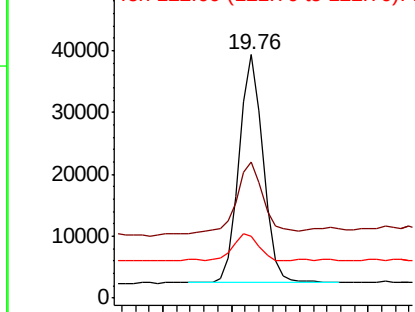


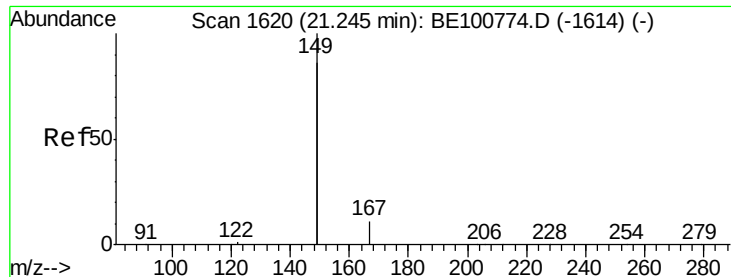
#29
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BE100788.D
 Acq: 5 Dec 2019 14:34

Tgt Ion:244 Resp: 45182
 Ion Ratio Lower Upper
 244 100
 212 56.0 26.2 39.4#
 122 25.5 10.2 15.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

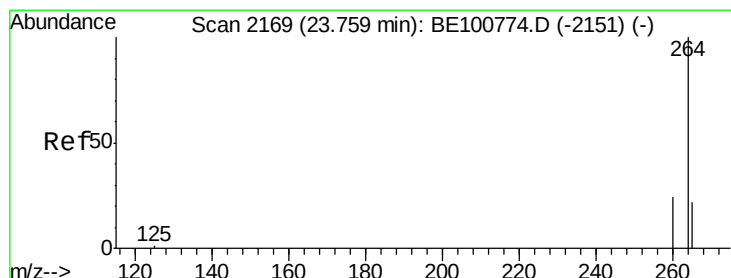
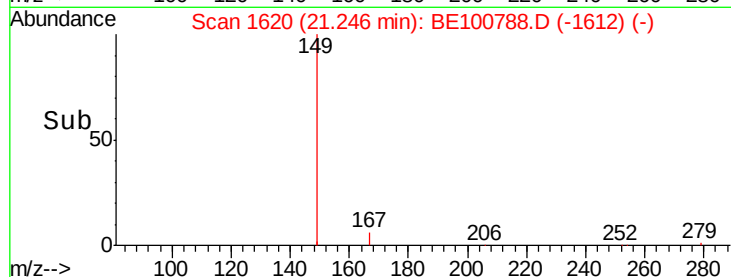
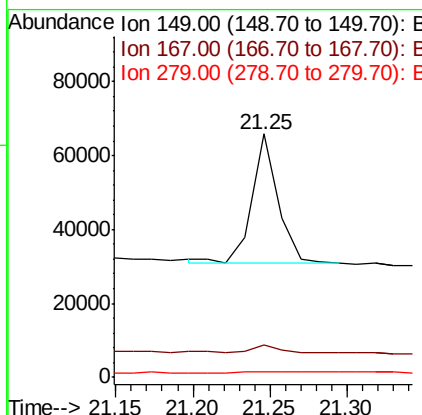
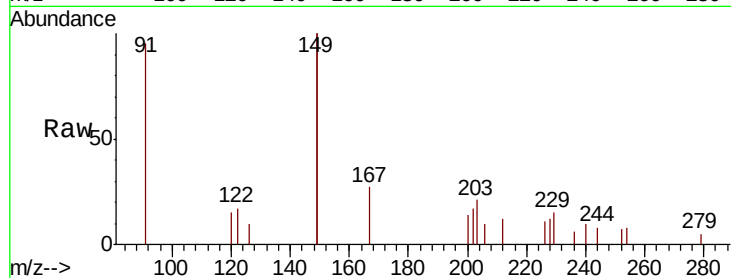




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.433 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100788.D
 Acq: 5 Dec 2019 14:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 41386
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.0 7.6
 279 1.8 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.76 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BE100788.D
 Acq: 5 Dec 2019 14:34

Tgt Ion:264 Resp: 52417
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 29.4 21.8 32.8

