

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100193.D
 Acq On : 26 Jun 2019 13:54
 Operator : JU/SJ
 Sample : PB120737BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120737BL

Quant Time: Jun 27 04:44:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

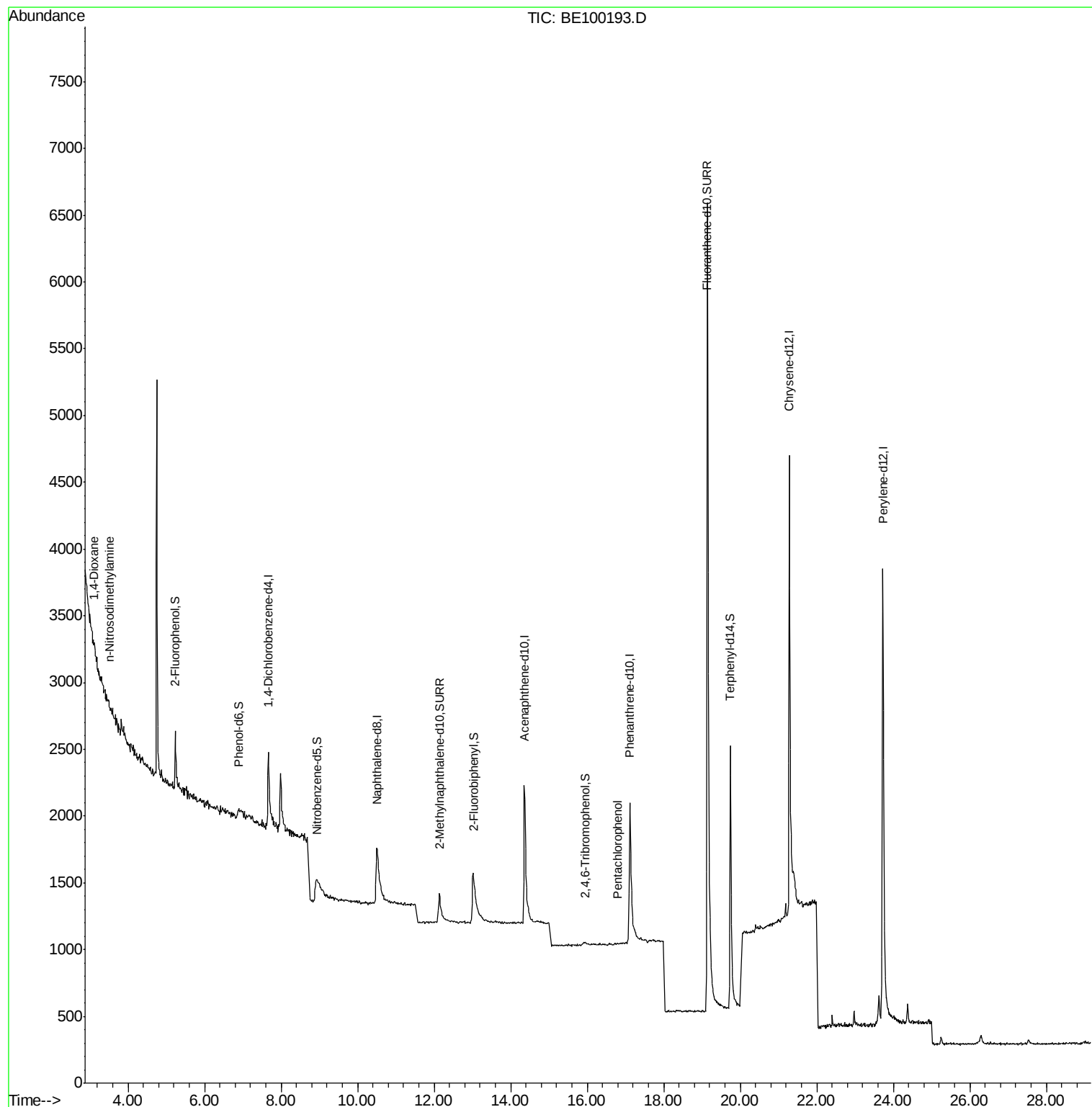
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	531	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	1640	0.40	ng	0.04
13) Acenaphthene-d10	14.36	164	1308	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	4009	0.40	ng	0.01
27) Chrysene-d12	21.28	240	5969	0.40	ng	0.00
34) Perylene-d12	23.73	264	7092	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	394	0.33	ng	0.00
5) Phenol-d6	6.89	99	117	0.07	ng	0.01
8) Nitrobenzene-d5	8.94	82	214	0.13	ng	0.09
11) 2-Methylnaphthalene-d10	12.14	152	839	0.27	ng	0.06
14) 2,4,6-Tribromophenol	15.94	330	62	0.08	ng	0.09
15) 2-Fluorobiphenyl	13.03	172	1442	0.27	ng	0.06
25) Fluoranthene-d10	19.14	212	16993	0.29	ng	0.00
29) Terphenyl-d14	19.74	244	3568	0.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	41	0.049	ng	Qvalue # 32
3) n-Nitrosodimethylamine	3.51	42	10	0.033	ng	# 1
22) Pentachlorophenol	16.80	266	5	0.277	ng	87

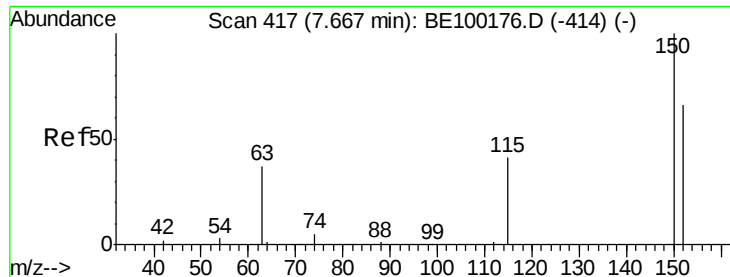
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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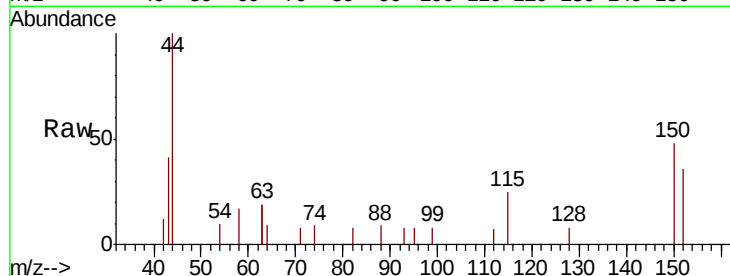


#1

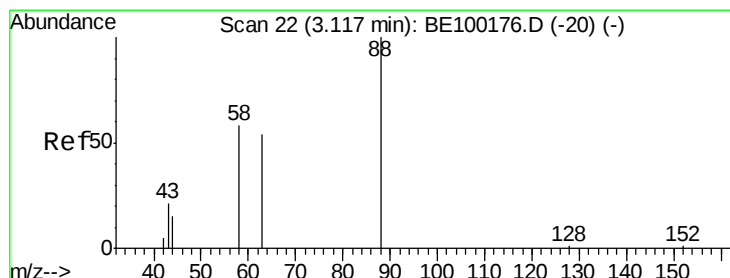
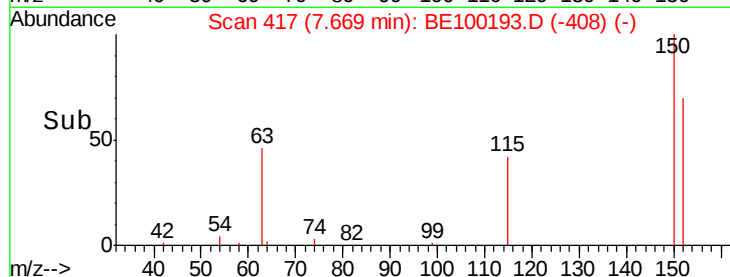
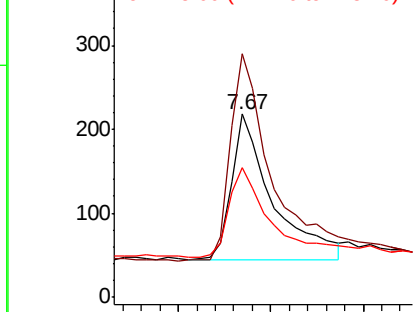
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. 0.00 min
Lab File: BE100193.D
Acq: 26 Jun 2019 13:54

Instrument :
BNA_E
ClientSampleId :
PB120737BL

Tgt Ion: 152 Resp: 531
Ion Ratio Lower Upper
152 100
150 133.0 113.4 170.2
115 70.6 55.8 83.6



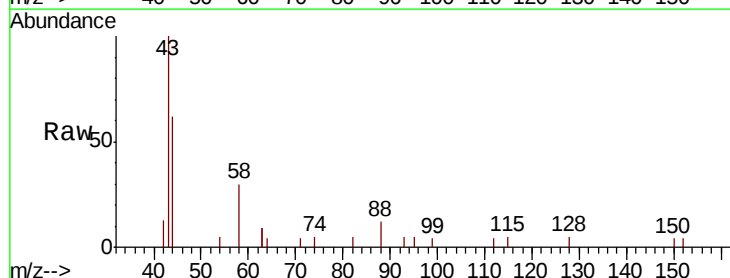
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



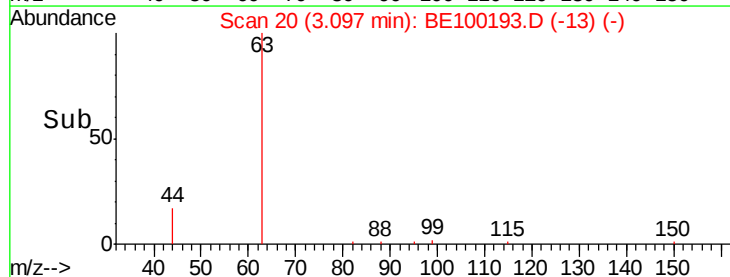
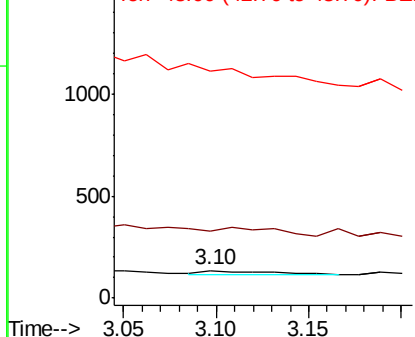
#2

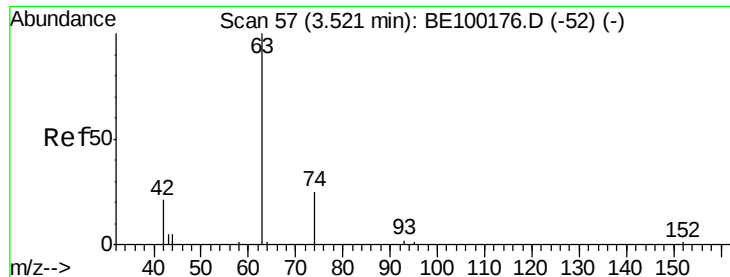
1,4-Dioxane
Concen: 0.049 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.02 min
Lab File: BE100193.D
Acq: 26 Jun 2019 13:54

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
58 0.0 43.8 65.6#
43 0.0 19.4 29.2#



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





#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.51 min Scan# 56

Delta R.T. -0.01 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Instrument :

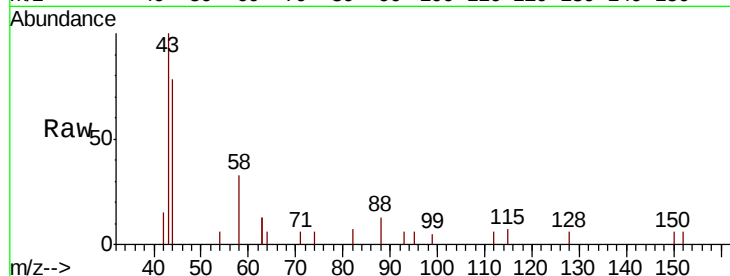
BNA_E

ClientSampleId :

PB120737BL

Tgt Ion: 42 Resp: 10

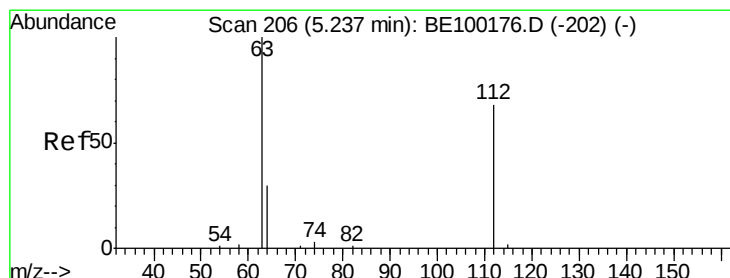
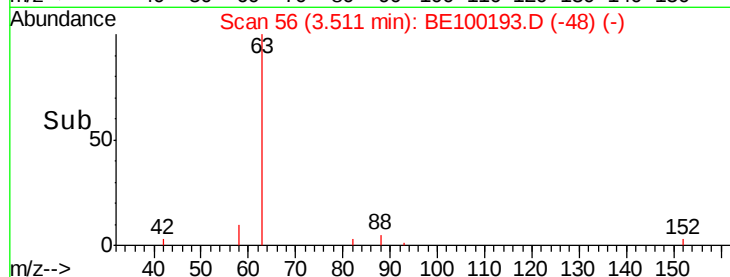
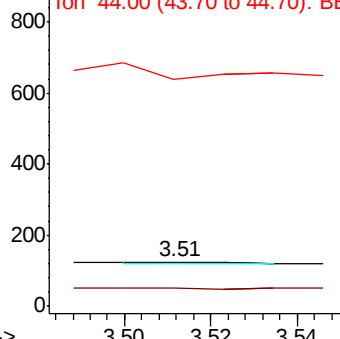
Ion	Ratio	Lower	Upper
42	100		
74	60.0	193.2	289.8#
44	1150.0	114.5	171.7#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.334 ng

RT: 5.24 min Scan# 206

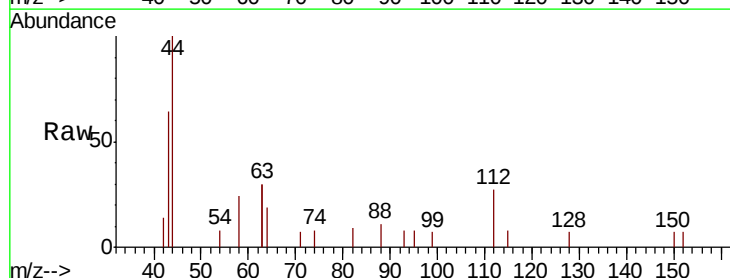
Delta R.T. 0.00 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Tgt Ion: 112 Resp: 394

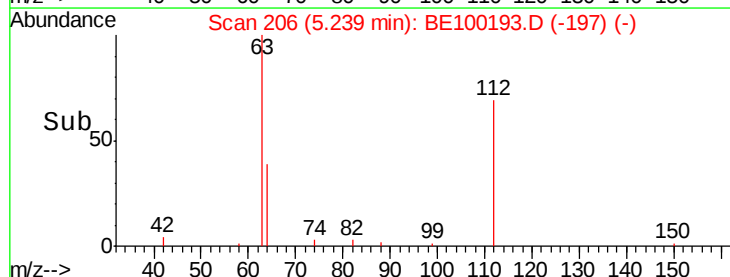
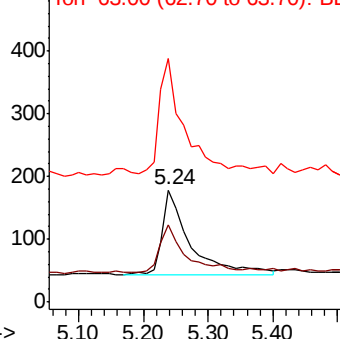
Ion	Ratio	Lower	Upper
112	100		
64	53.3	40.7	61.1
63	127.7	93.2	139.8

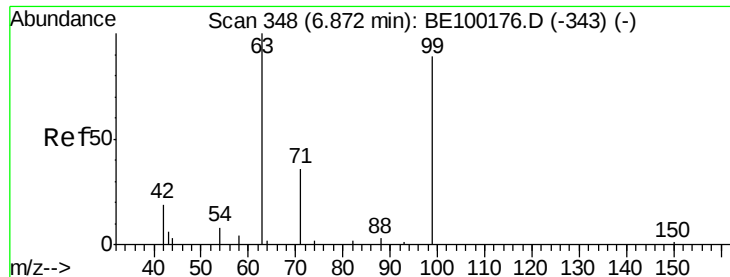


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.072 ng

RT: 6.89 min Scan# 349

Delta R.T. 0.01 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

PB120737BL

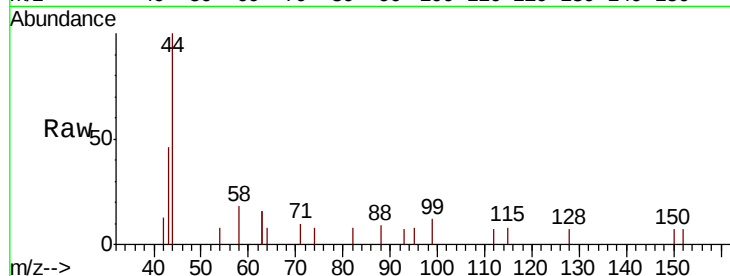
Tgt Ion: 99 Resp: 117

Ion Ratio Lower Upper

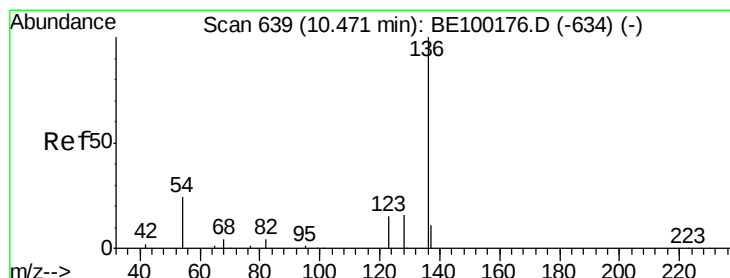
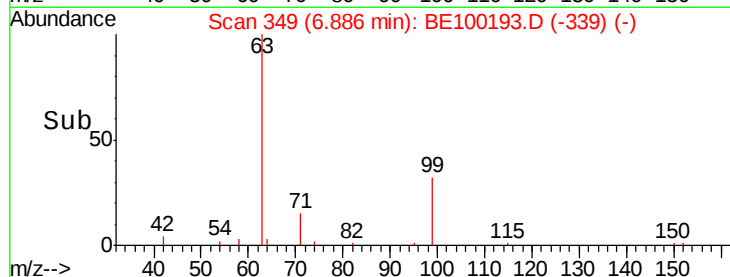
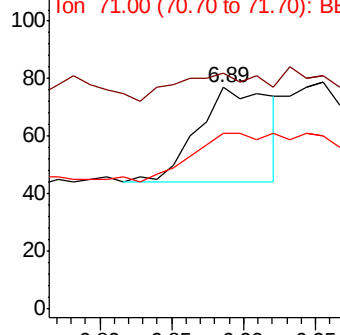
99 100

42 34.2 10.4 15.6#

71 42.7 32.4 48.6



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: 10.51 min Scan# 642

Delta R.T. 0.04 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Tgt Ion: 136 Resp: 1640

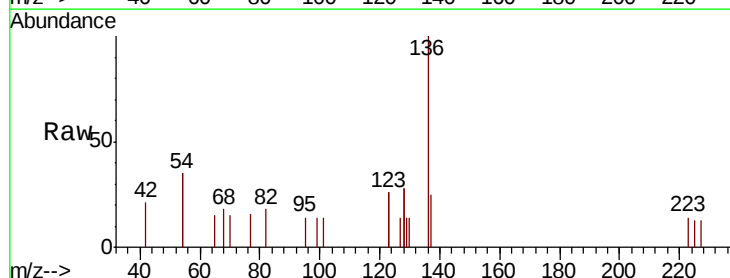
Ion Ratio Lower Upper

136 100

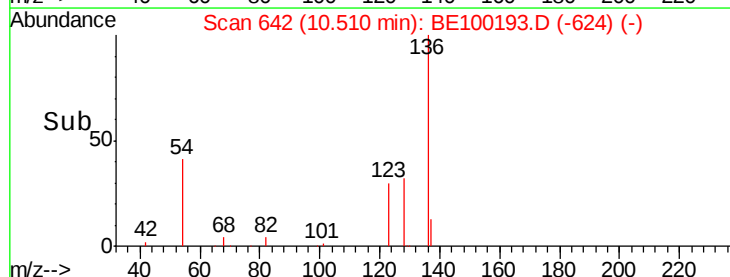
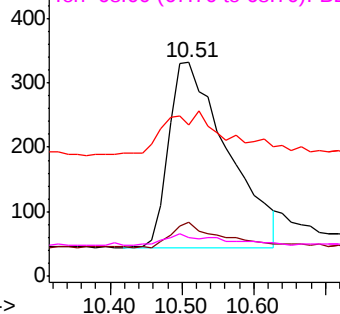
137 25.3 13.8 20.8#

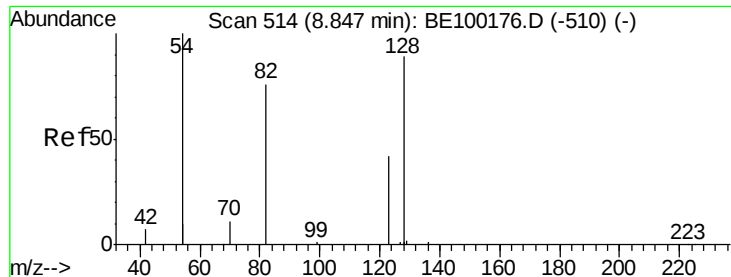
54 70.5 35.4 53.2#

68 17.8 8.8 13.2#



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: 0.131 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.09 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

PB120737BL

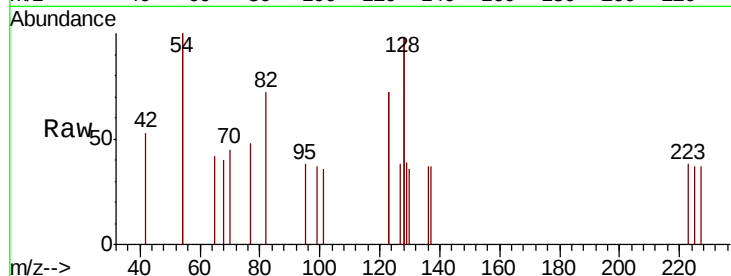
Tgt Ion: 82 Resp: 214

Ion Ratio Lower Upper

82 100

128 270.5 144.6 217.0#

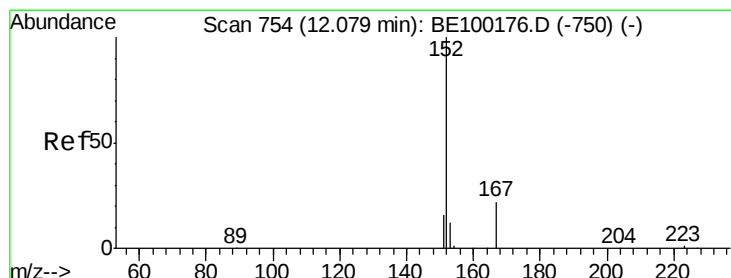
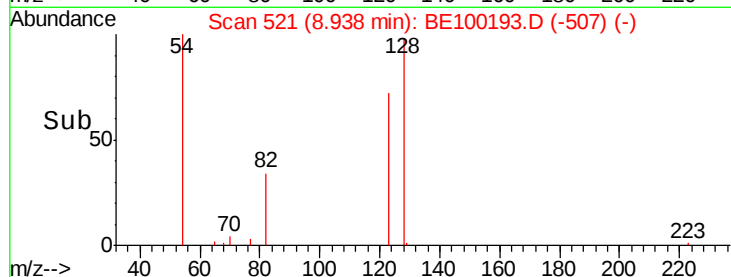
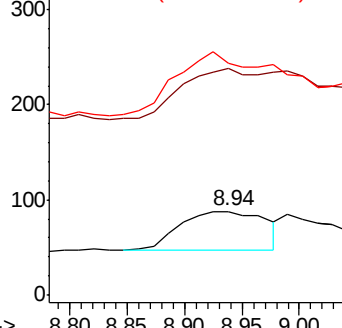
54 277.3 163.0 244.6#



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: 0.273 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.06 min

Lab File: BE100193.D

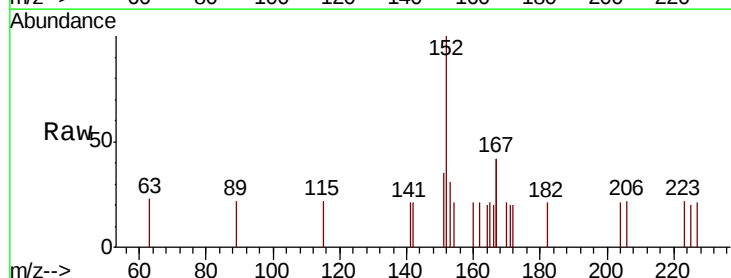
Acq: 26 Jun 2019 13:54

Tgt Ion: 152 Resp: 839

Ion Ratio Lower Upper

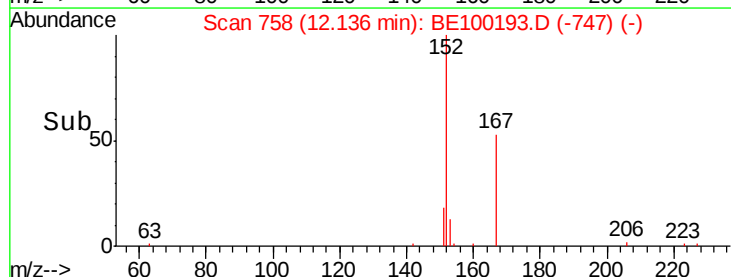
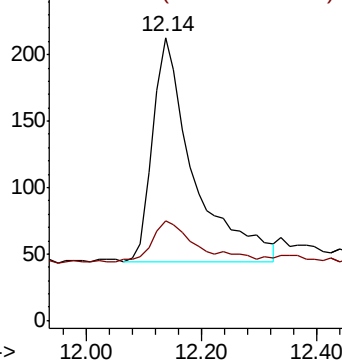
152 100

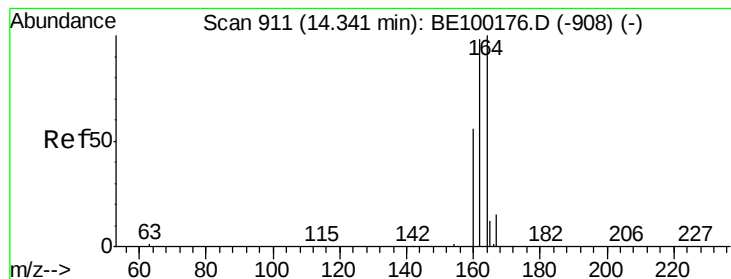
151 19.8 16.3 24.5



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: 14.36 min Scan# 912

Delta R.T. 0.01 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

PB120737BL

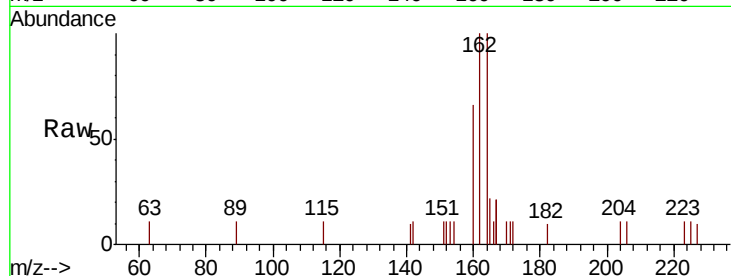
Tgt Ion:164 Resp: 1308

Ion Ratio Lower Upper

164 100

162 99.5 78.6 118.0

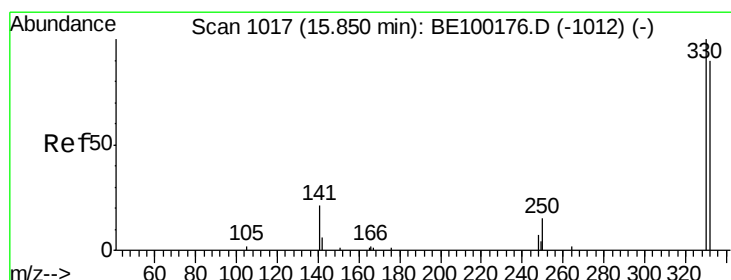
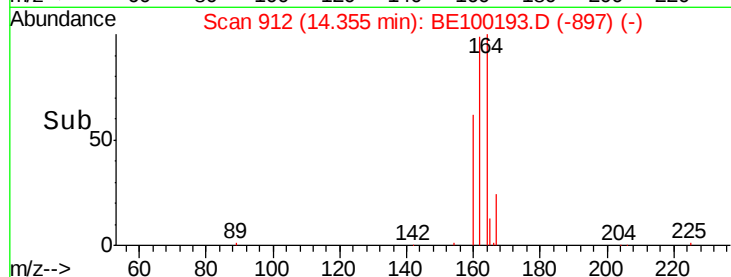
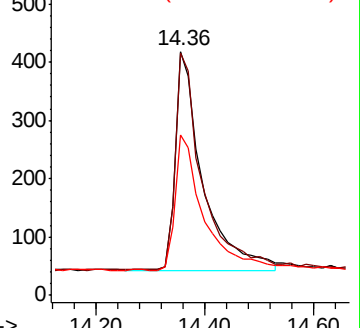
160 65.8 46.9 70.3



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: 0.082 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.09 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

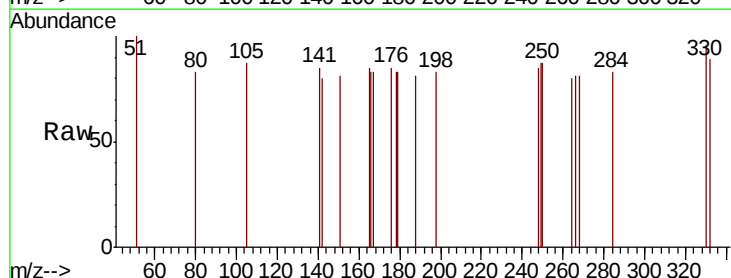
Tgt Ion:330 Resp: 62

Ion Ratio Lower Upper

330 100

332 106.5 77.7 116.5

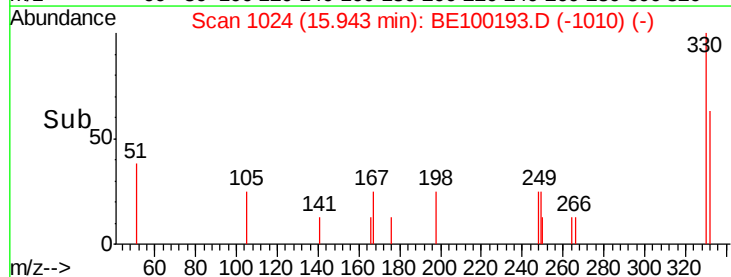
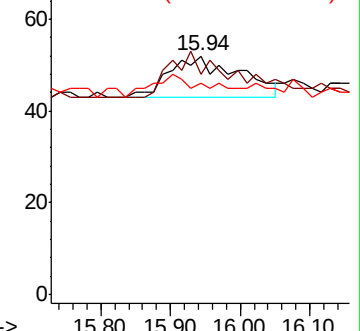
141 0.0 18.9 28.3#

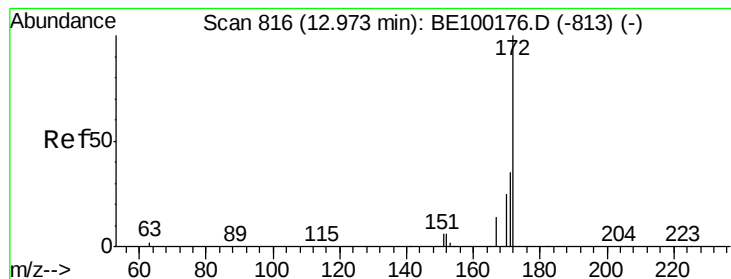


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.275 ng

RT: 13.03 min Scan# 820

Delta R.T. 0.06 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

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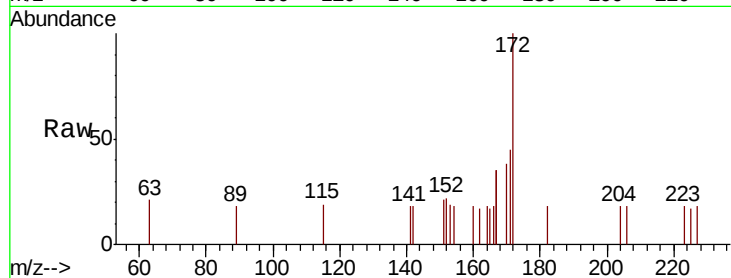
Tgt Ion:172 Resp: 1442

Ion Ratio Lower Upper

172 100

171 45.0 31.0 46.4

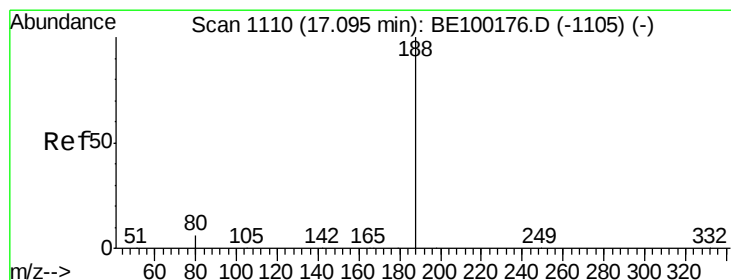
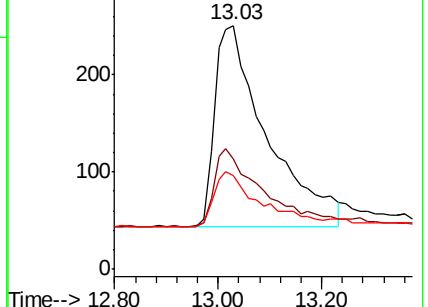
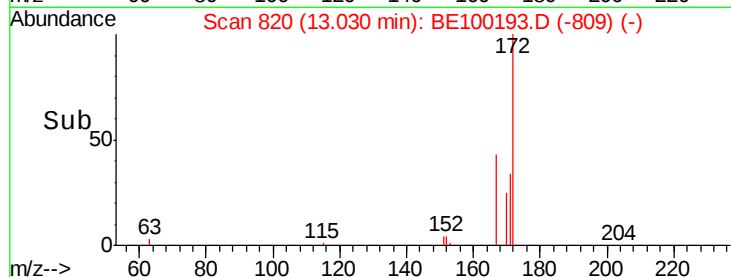
170 38.2 23.9 35.9#



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: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

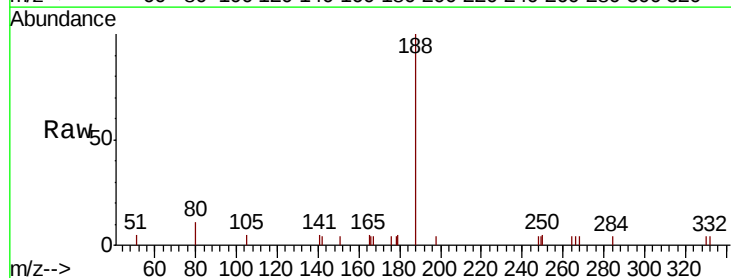
Tgt Ion:188 Resp: 4009

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

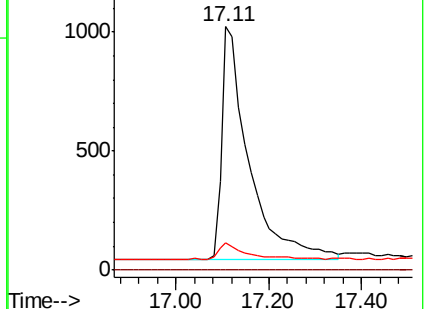
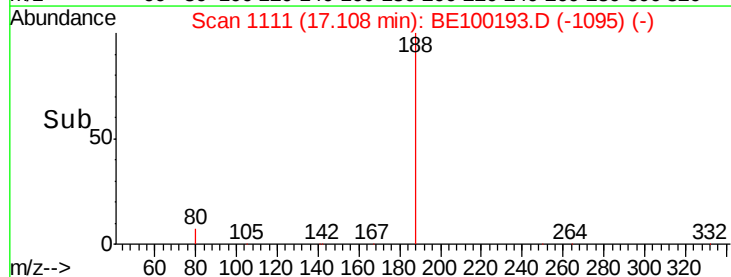
80 11.1 6.4 9.6#

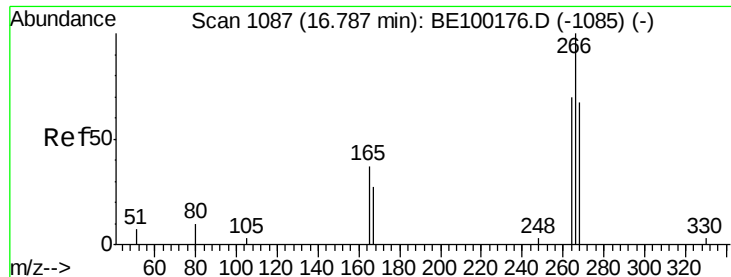


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.80 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

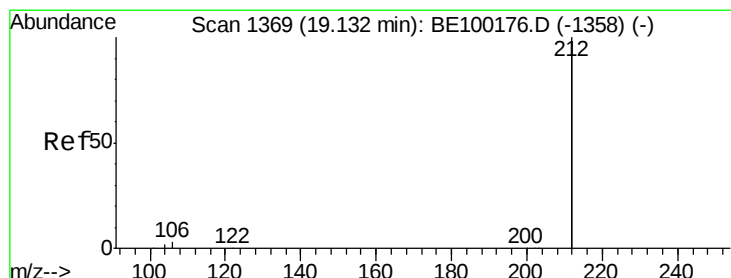
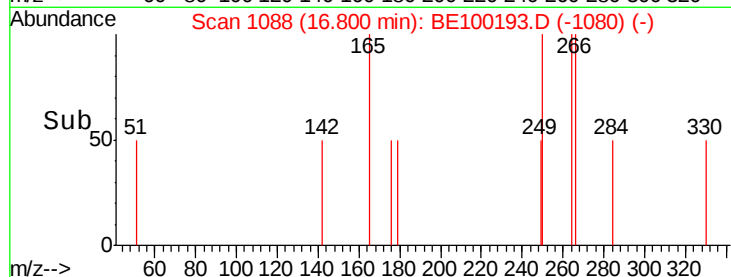
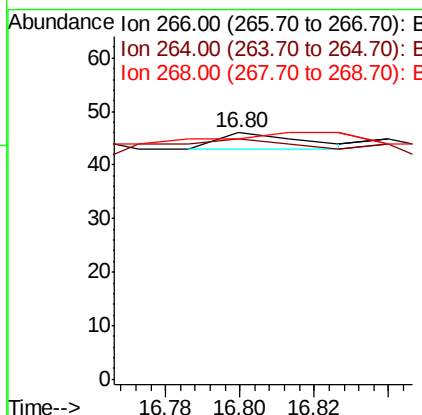
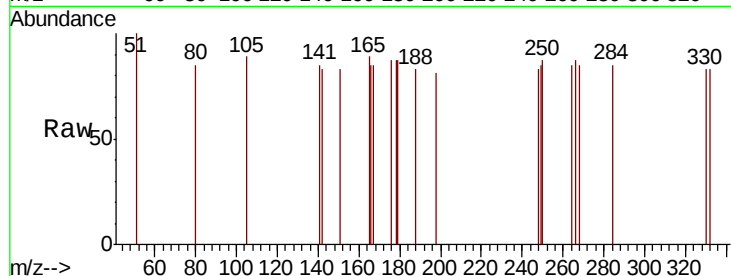
Instrument :

BNA_E

ClientSampleId :

PB120737BL

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	97.8	67.7	101.5
268	97.8	69.8	104.6



#25

Fluoranthene-d10

Concen: 0.294 ng

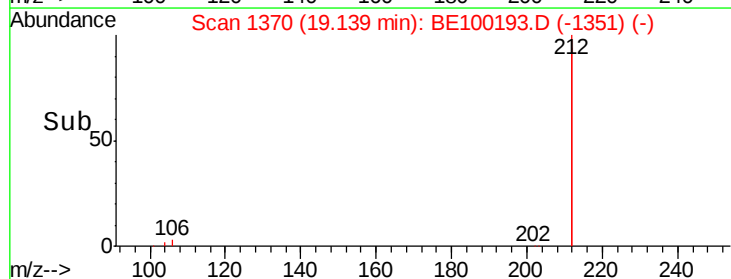
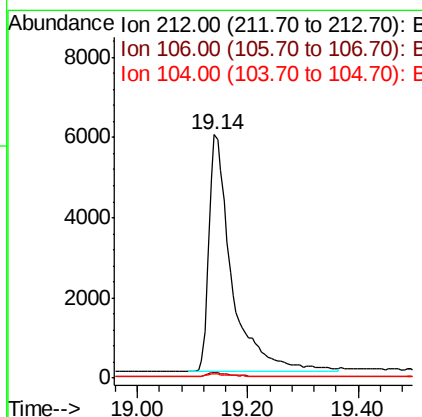
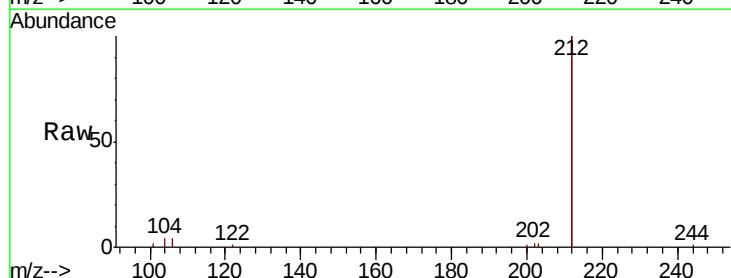
RT: 19.14 min Scan# 1370

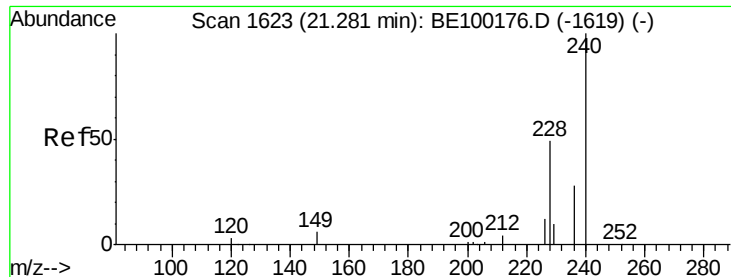
Delta R.T. 0.01 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Tgt Ion:	212	Resp:	16993
Ion	Ratio	Lower	Upper
212	100		
106	1.3	1.3	1.9
104	0.9	0.7	1.1

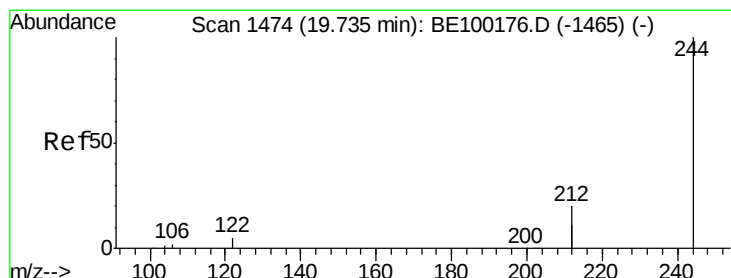
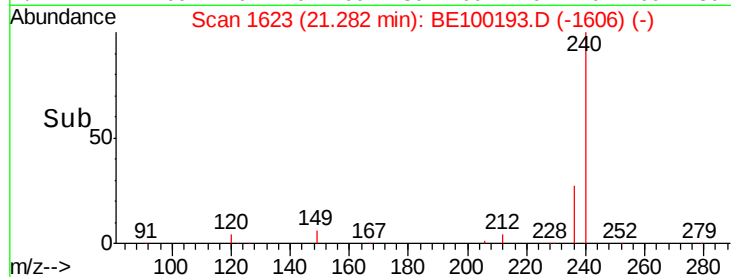
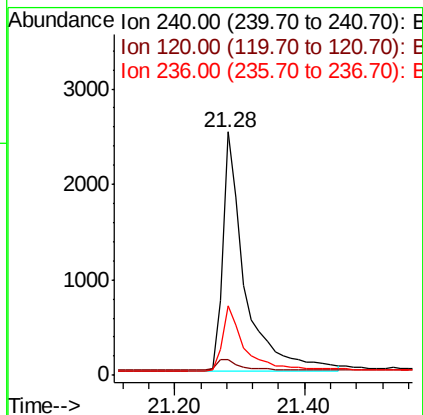
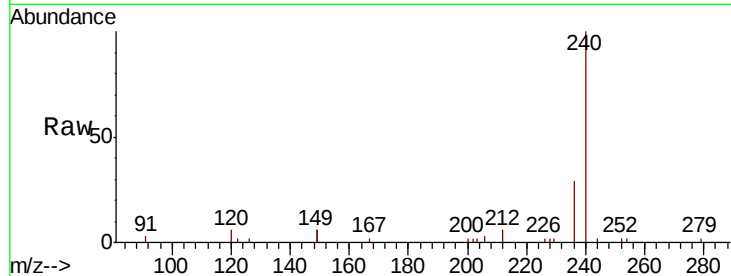




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE100193.D
 Acq: 26 Jun 2019 13:54

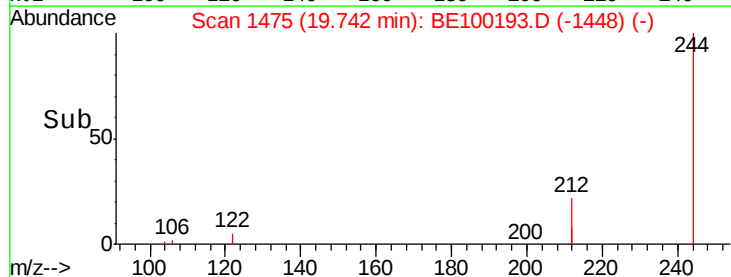
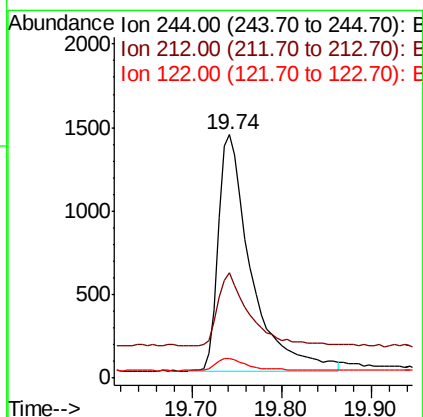
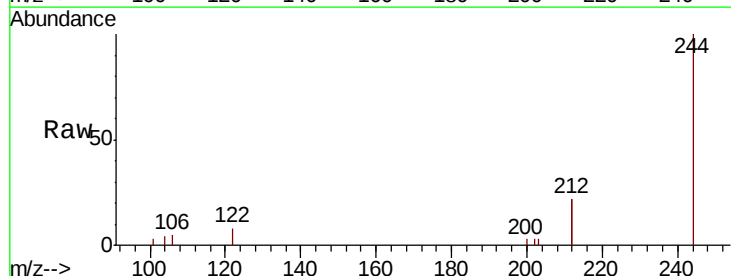
Instrument :
 BNA_E
 ClientSampleId :
 PB120737BL

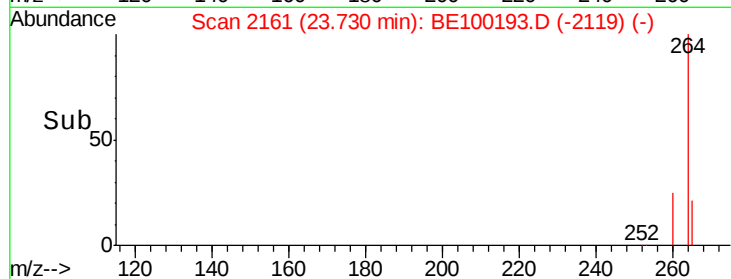
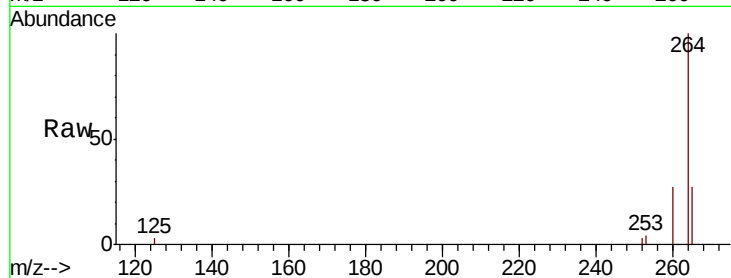
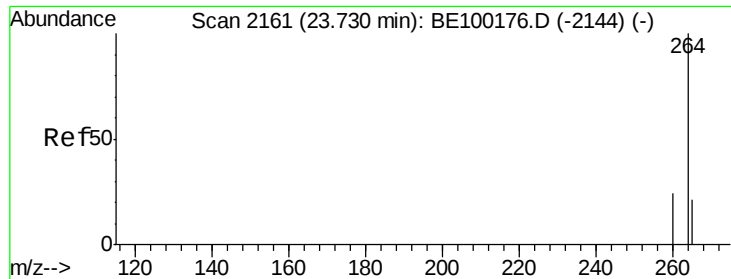
Tgt Ion:240 Resp: 5969
 Ion Ratio Lower Upper
 240 100
 120 6.4 4.1 6.1#
 236 28.5 23.0 34.6



#29
 Terphenyl-d14
 Concen: 0.304 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BE100193.D
 Acq: 26 Jun 2019 13:54

Tgt Ion:244 Resp: 3568
 Ion Ratio Lower Upper
 244 100
 212 43.2 30.7 46.1
 122 8.1 5.8 8.6





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BE100193.D

Acq: 26 Jun 2019 13:54

Instrument :

BNA_E

ClientSampleId :

PB120737BL

Tgt Ion: 264 Resp: 7092

Ion Ratio Lower Upper

264 100

260 26.5 20.4 30.6

265 26.6 22.5 33.7

