

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100994.D
 Acq On : 27 Dec 2019 15:36
 Operator : JU
 Sample : K6237-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-191209

Quant Time: Dec 27 22:44:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

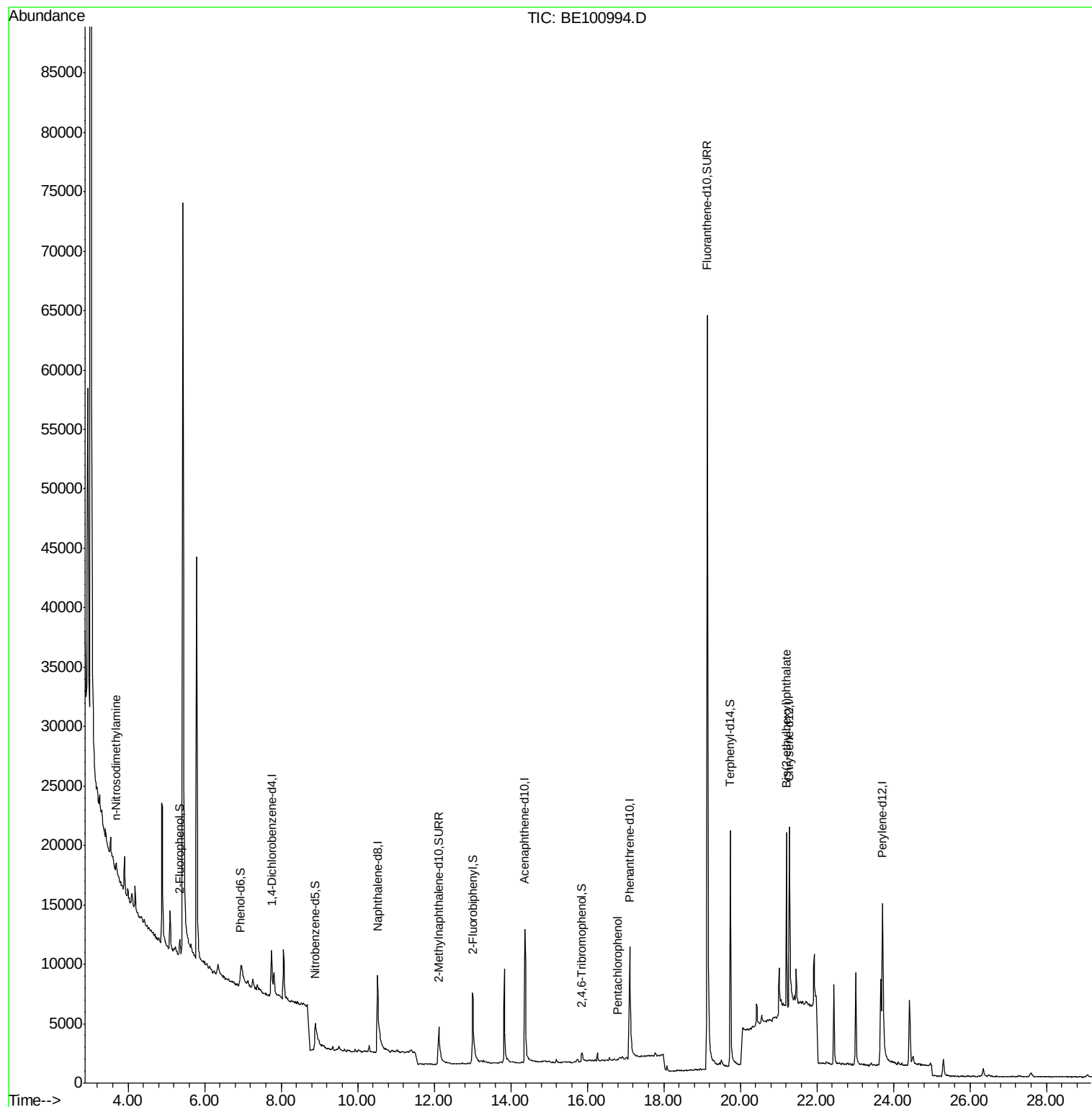
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2869	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13282	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8412	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	20988	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	22266	0.40	ng	-0.01
34) Perylene-d12	23.72	264	26557	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	965	0.20	ng	0.00
5) Phenol-d6	6.93	99	469	0.25	ng	-0.06
8) Nitrobenzene-d5	8.90	82	2626	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7928	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	760	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11270	0.38	ng	0.00
25) Fluoranthene-d10	19.14	212	113903	0.45	ng	0.00
29) Terphenyl-d14	19.74	244	21913	0.43	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	837	Below Cal	#	50
3) n-Nitrosodimethylamine	3.68	42	279	0.395 ng	#	1
22) Pentachlorophenol	16.80	266	12	0.105 ng		85
32) Bis(2-ethylhexyl)phthalate	21.21	149	15482	0.150 ng	#	99

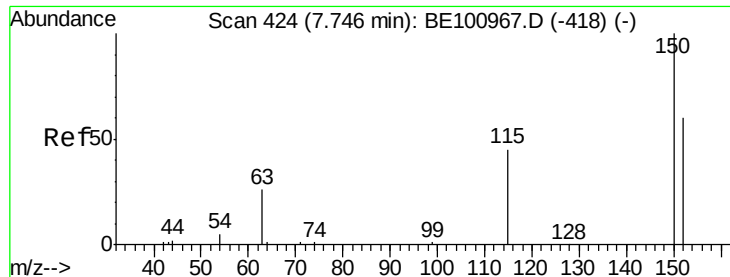
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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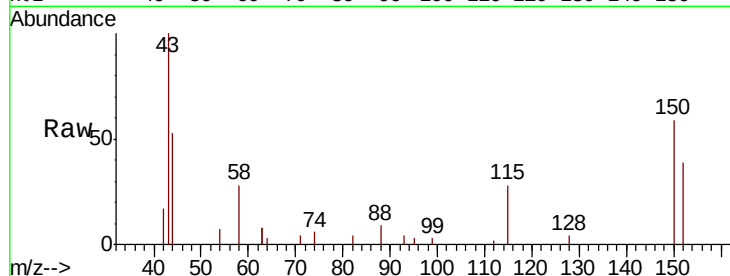


#1

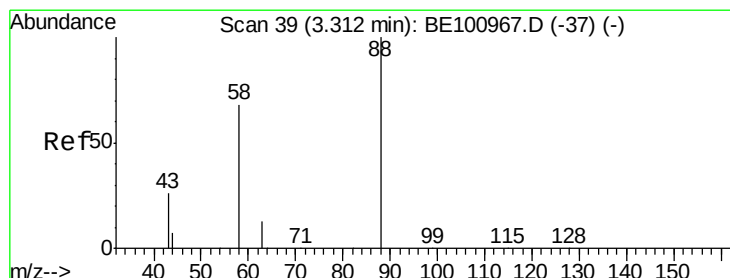
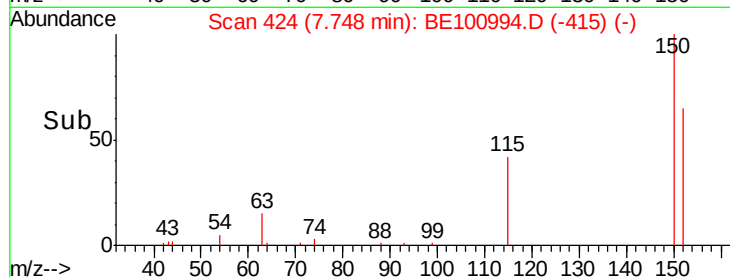
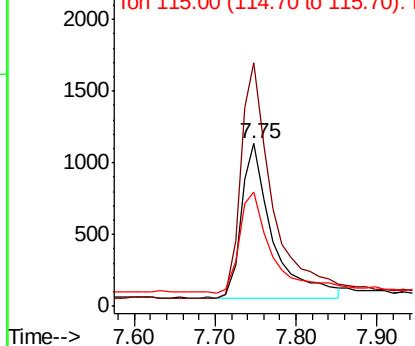
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100994.D
Acq: 27 Dec 2019 15:36

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191209

Tot Ion:152 Resp: 2869
Ion Ratio Lower Upper
152 100
150 149.9 132.6 199.0
115 70.2 64.1 96.1



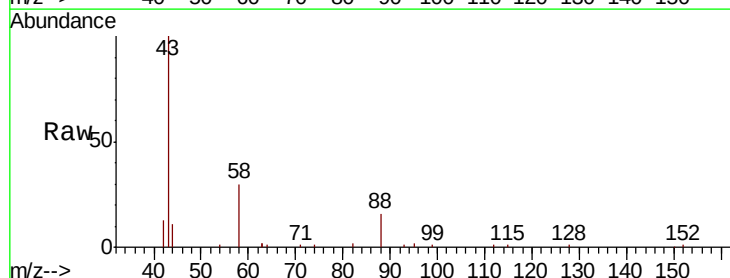
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



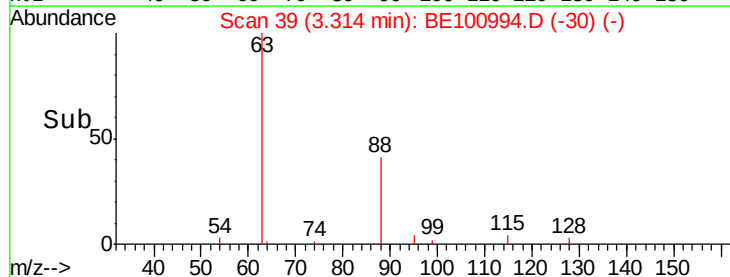
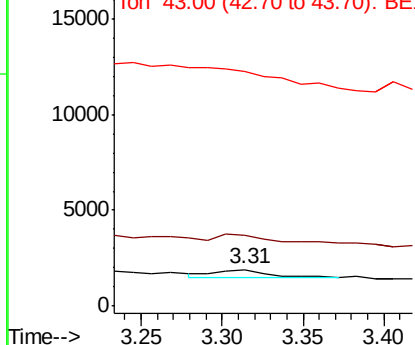
#2

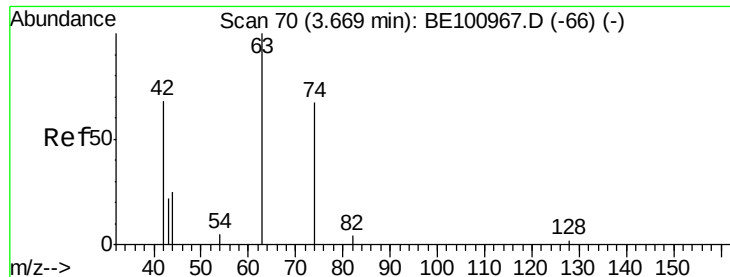
1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100994.D
Acq: 27 Dec 2019 15:36

Tgt Ion: 88 Resp: 837
Ion Ratio Lower Upper
88 100
58 90.9 44.2 66.4#
43 0.0 21.0 31.6#



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





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Instrument :

BNA_E

ClientSampleId :

KY038PS037-191209

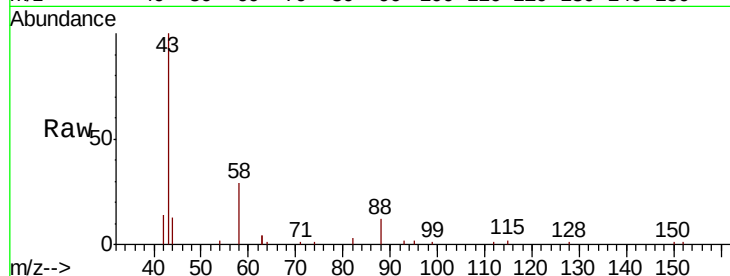
Tot Ion: 42 Resp: 279

Ion Ratio Lower Upper

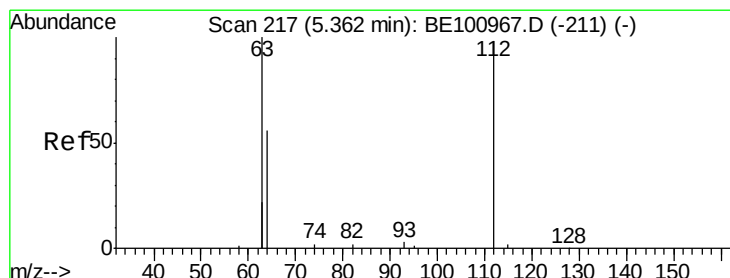
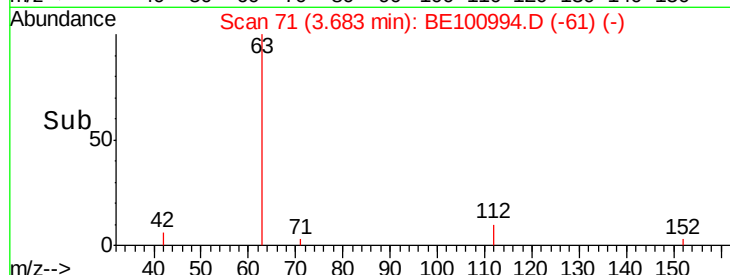
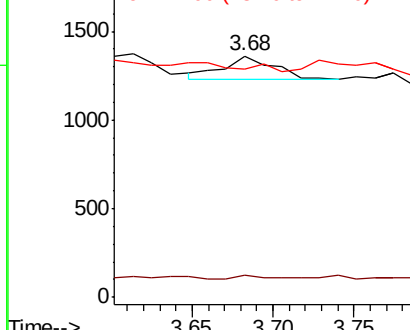
42 100

74 8.6 116.6 174.8#

44 0.0 0.0 0.0



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: 0.199 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

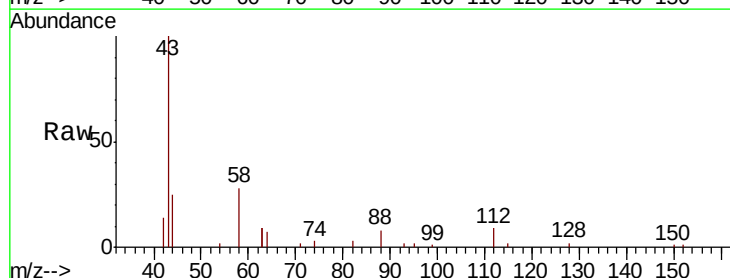
Tgt Ion: 112 Resp: 965

Ion Ratio Lower Upper

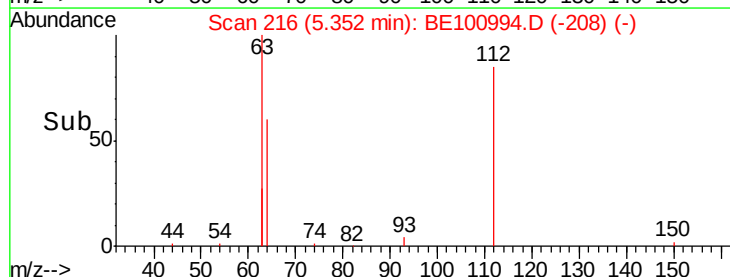
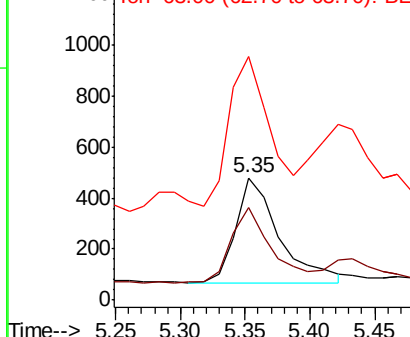
112 100

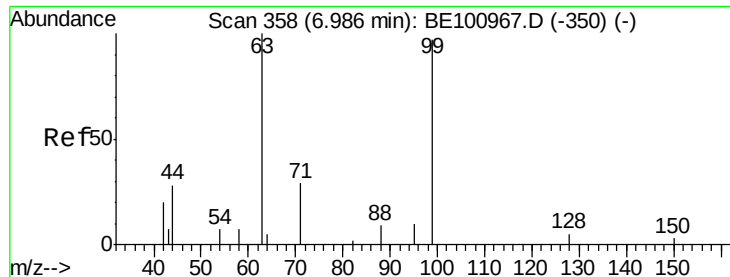
64 65.7 59.0 88.6

63 132.4 121.4 182.0



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: 0.249 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.06 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Instrument :

BNA_E

ClientSampleId :

KY038PS037-191209

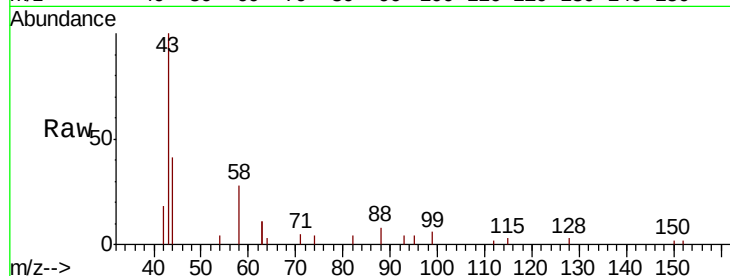
Tot Ion: 99 Resp: 469

Ion Ratio Lower Upper

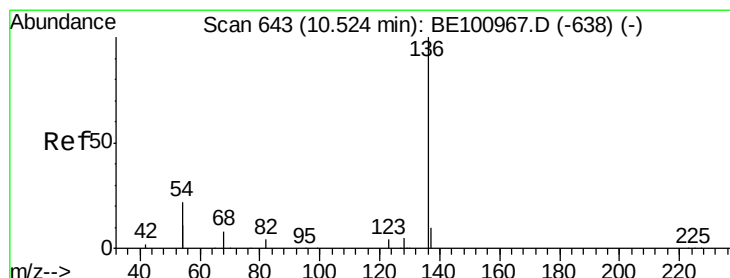
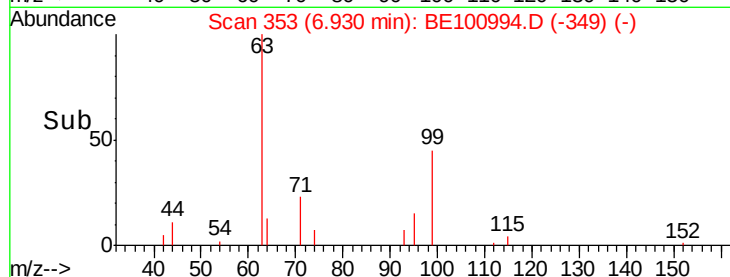
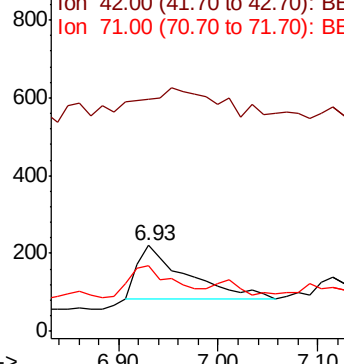
99 100

42 0.0 0.0 0.0

71 26.4 0.0 0.0#



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: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Tgt Ion: 136 Resp: 13282

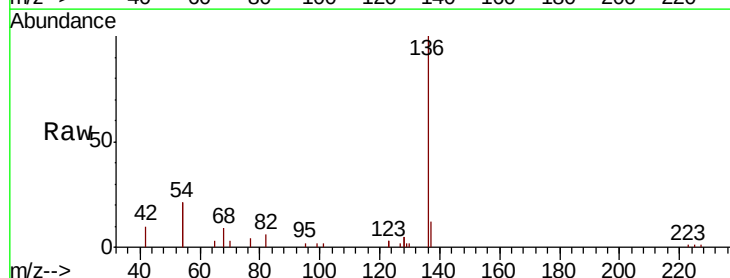
Ion Ratio Lower Upper

136 100

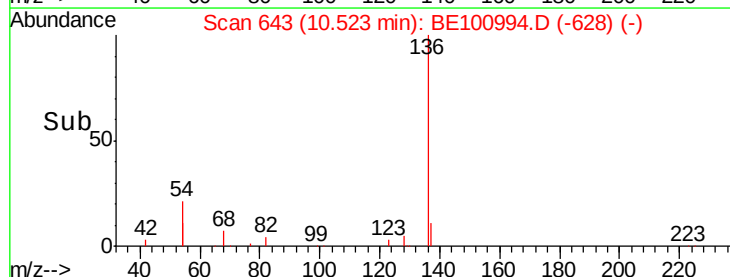
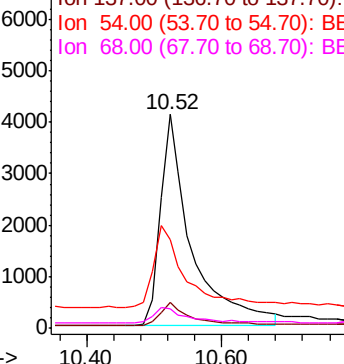
137 12.1 9.0 13.6

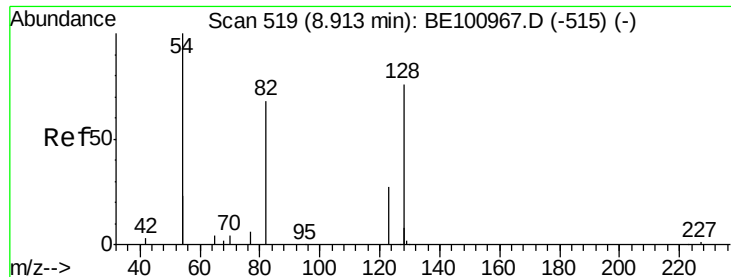
54 41.2 34.4 51.6

68 9.2 7.8 11.6



Abundance Ion 136.00 (135.70 to 136.70): BE1
Ion 137.00 (136.70 to 137.70): BE1
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.474 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Instrument :

BNA_E

ClientSampleId :

KY038PS037-191209

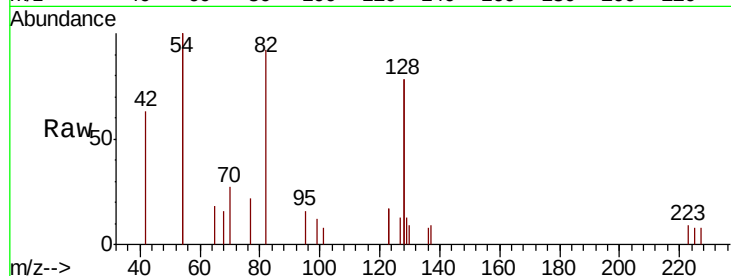
Tot Ion: 82 Resp: 2626

Ion Ratio Lower Upper

82 100

128 169.2 140.2 210.2

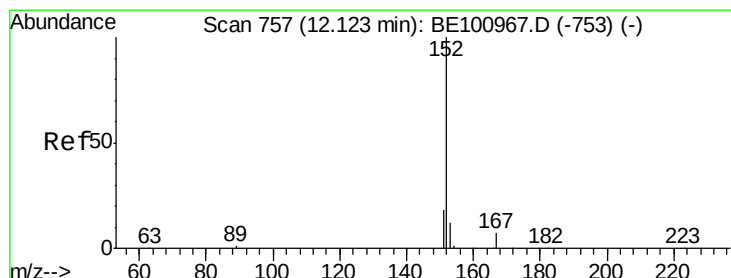
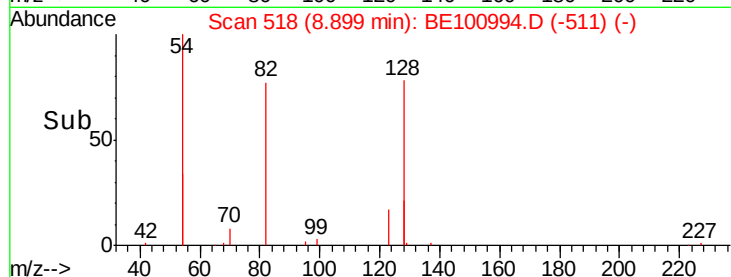
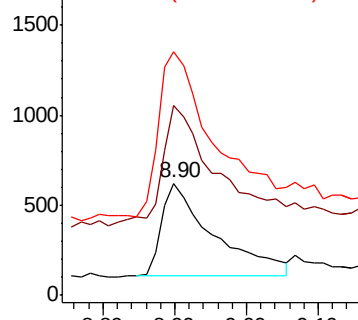
54 216.7 183.8 275.6



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: 0.406 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100994.D

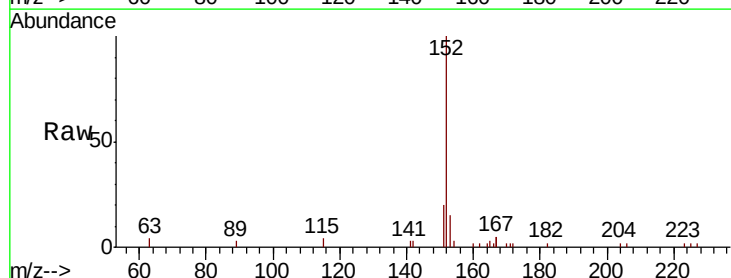
Acq: 27 Dec 2019 15:36

Tgt Ion: 152 Resp: 7928

Ion Ratio Lower Upper

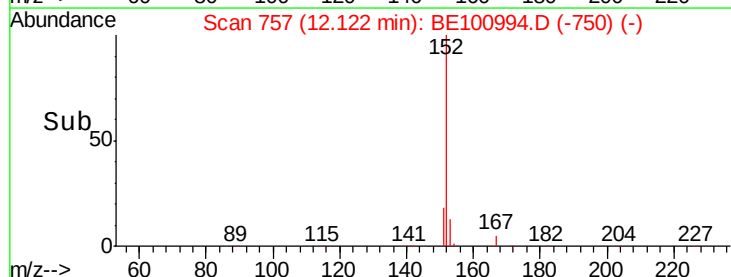
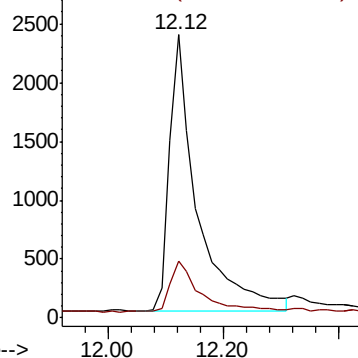
152 100

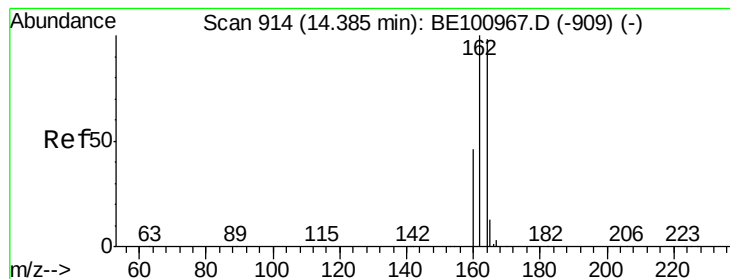
151 18.9 15.1 22.7



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: 14.37 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Instrument :

BNA_E

ClientSampleId :

KY038PS037-191209

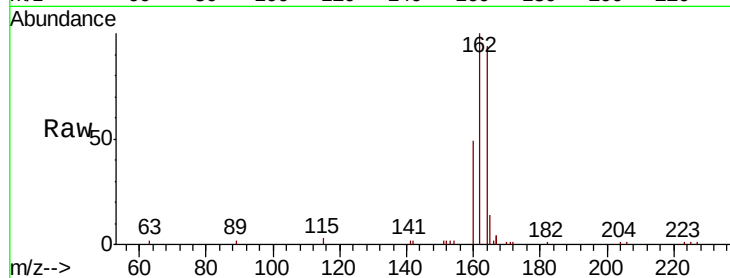
Tot Ion:164 Resp: 8412

Ion Ratio Lower Upper

164 100

162 106.6 81.6 122.4

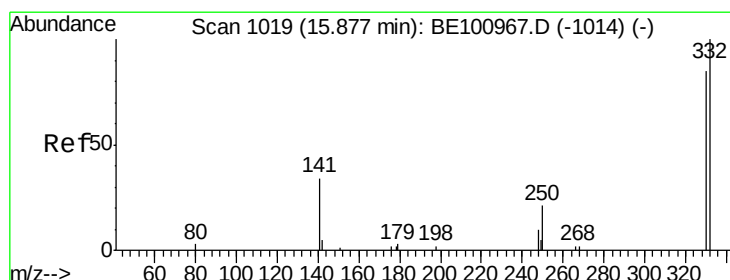
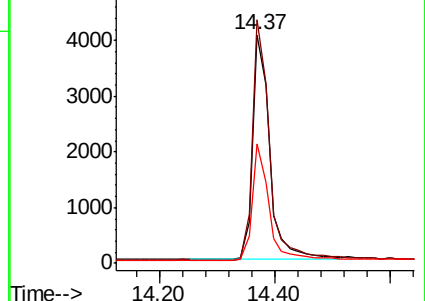
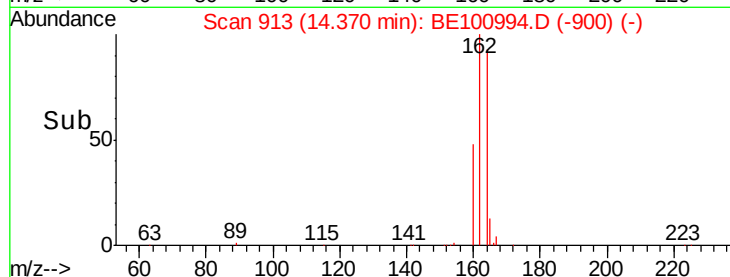
160 52.2 37.7 56.5



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: 0.483 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

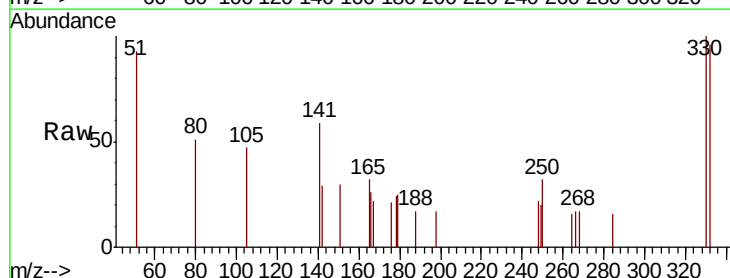
Tgt Ion:330 Resp: 760

Ion Ratio Lower Upper

330 100

332 93.8 72.4 108.6

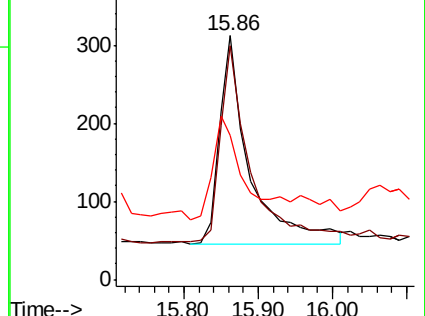
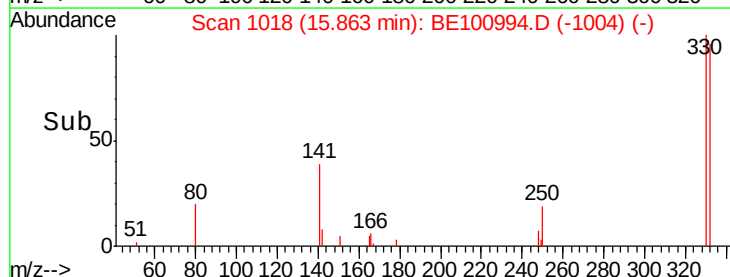
141 46.4 25.4 38.2#

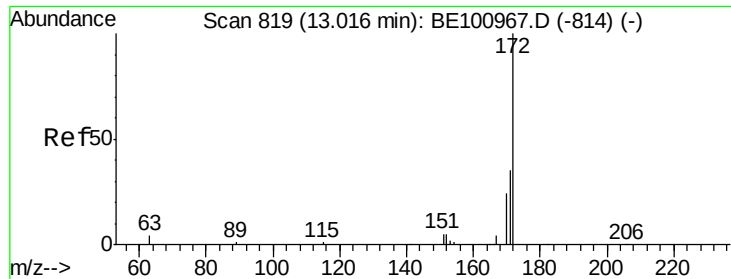


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

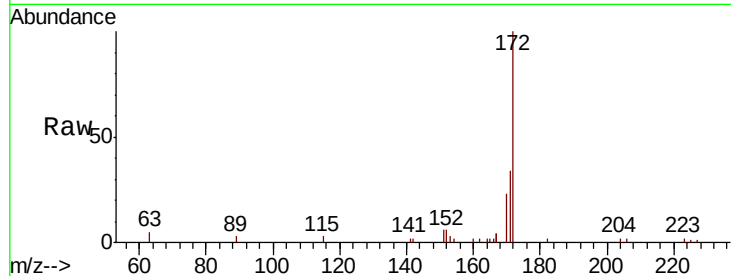




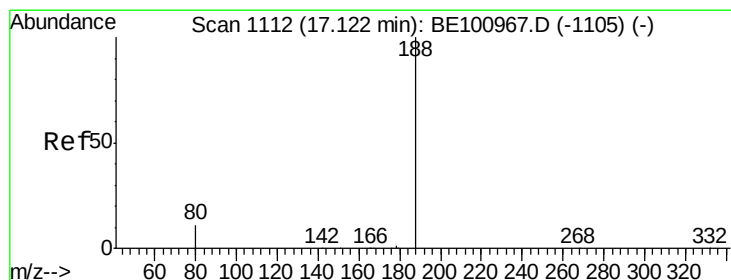
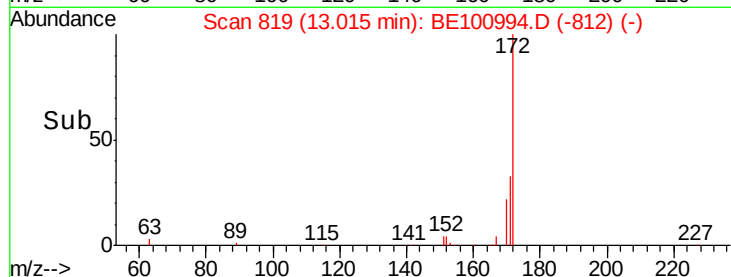
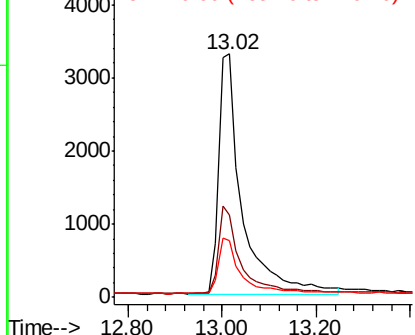
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100994.D
Acq: 27 Dec 2019 15:36

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191209

Tot Ion:172 Resp: 11270
Ion Ratio Lower Upper
172 100
171 33.7 29.0 43.6
170 23.4 20.0 30.0

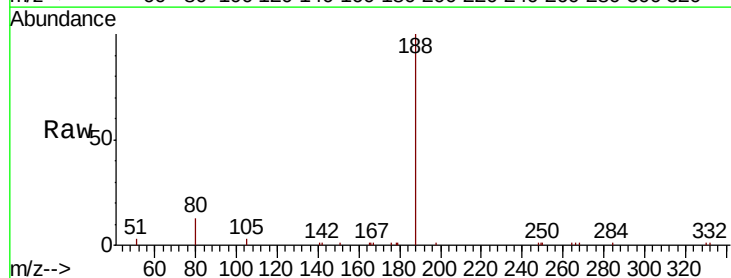


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

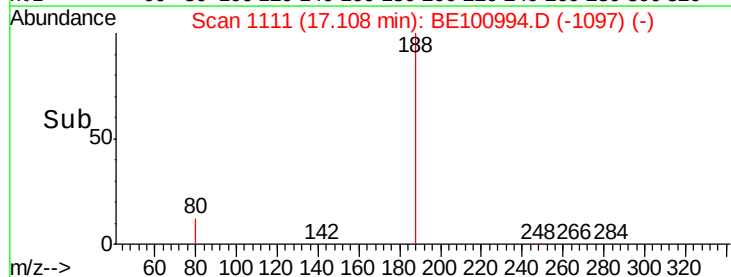
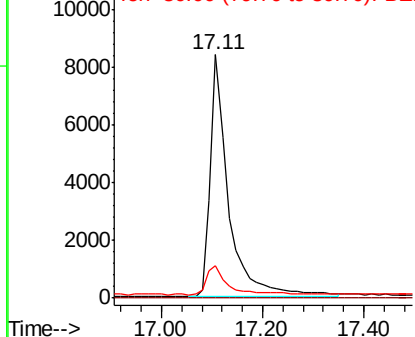


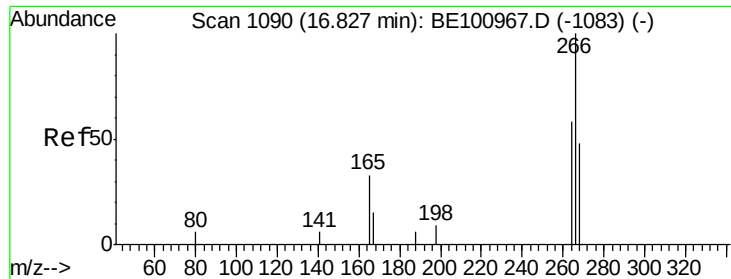
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100994.D
Acq: 27 Dec 2019 15:36

Tgt Ion:188 Resp: 20988
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.7 14.5



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: 0.105 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

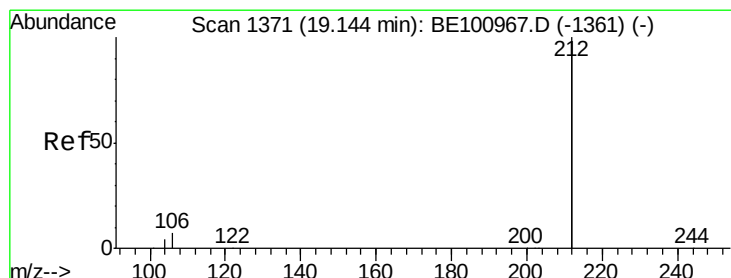
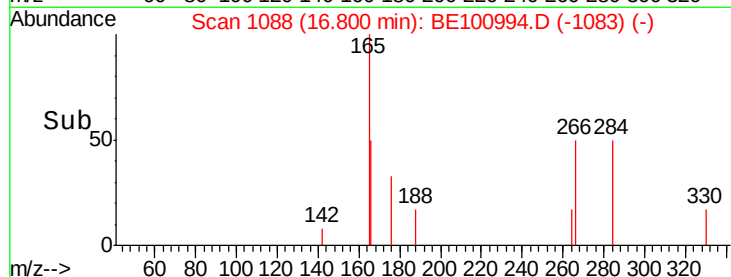
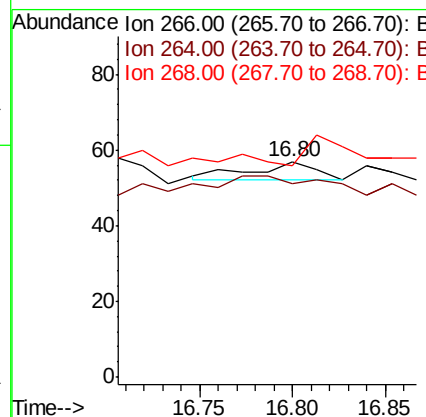
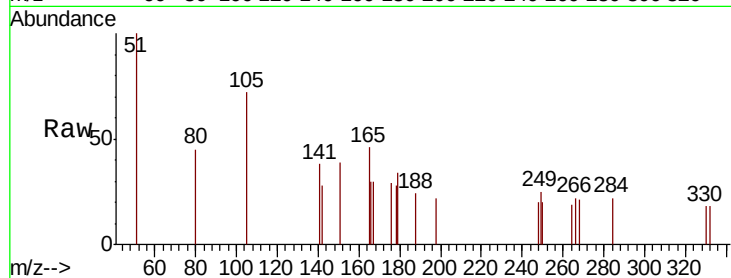
Instrument :

BNA_E

ClientSampleId :

KY038PS037-191209

Tot Ion:266	Resp:	12
Ion Ratio	Lower	Upper
266	100	
264	89.5	62.3 93.5
268	98.2	66.1 99.1



#25

Fluoranthene-d10

Concen: 0.447 ng

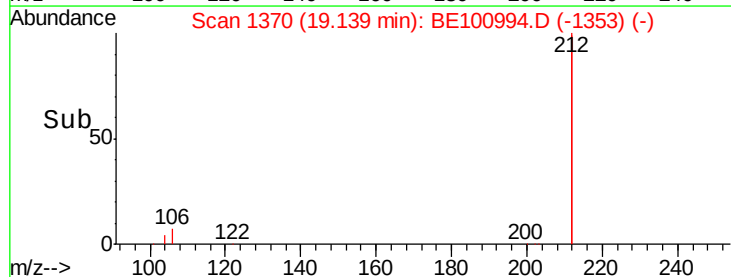
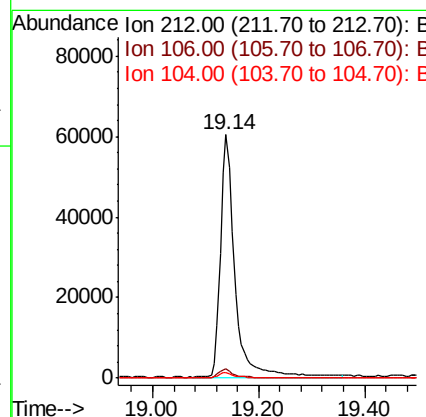
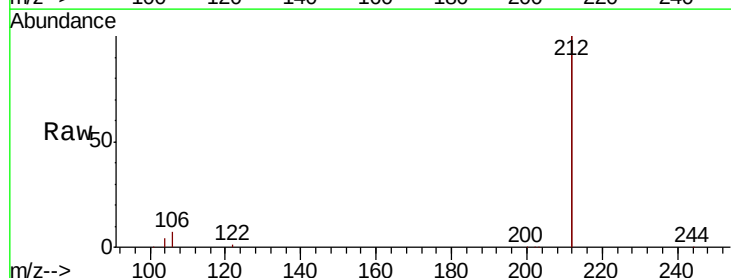
RT: 19.14 min Scan# 1370

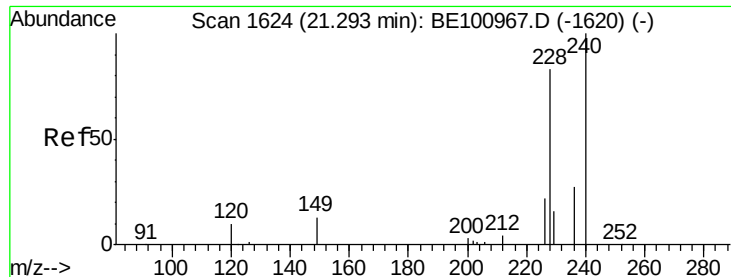
Delta R.T. -0.00 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Tgt Ion:212	Resp:	113903
Ion Ratio	Lower	Upper
212	100	
106	3.6	2.4 3.6
104	1.9	1.4 2.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

Instrument :

BNA_E

ClientSampleId :

KY038PS037-191209

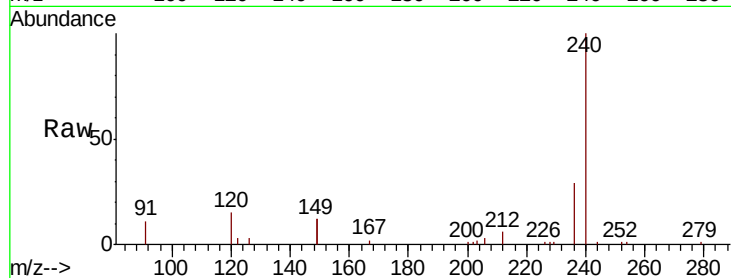
Tot Ion:240 Resp: 22266

Ion Ratio Lower Upper

240 100

120 15.2 10.2 15.4

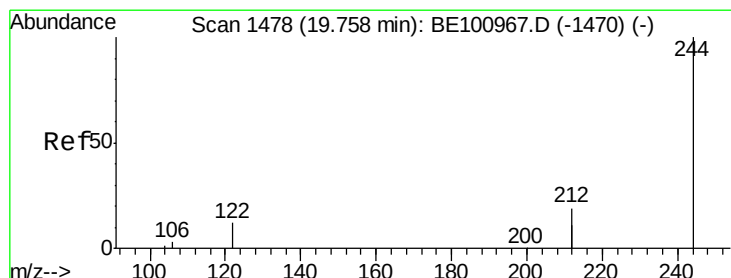
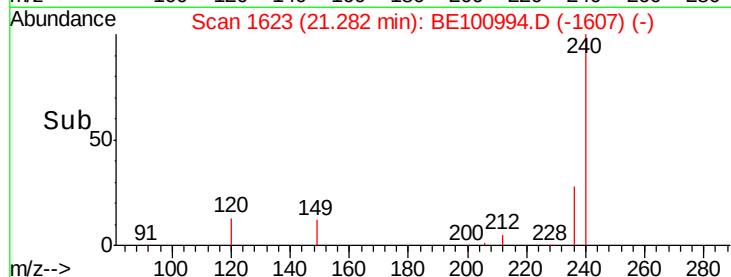
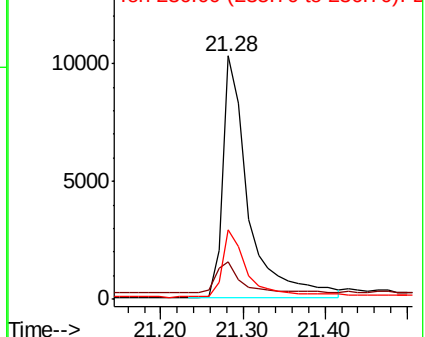
236 28.7 22.6 34.0



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



#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100994.D

Acq: 27 Dec 2019 15:36

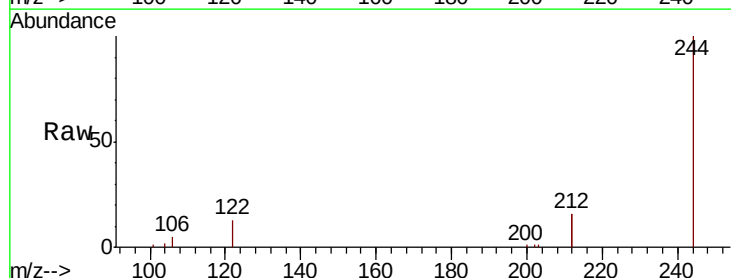
Tgt Ion:244 Resp: 21913

Ion Ratio Lower Upper

244 100

212 32.8 29.3 43.9

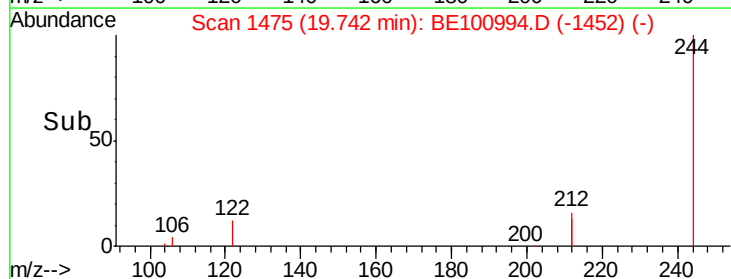
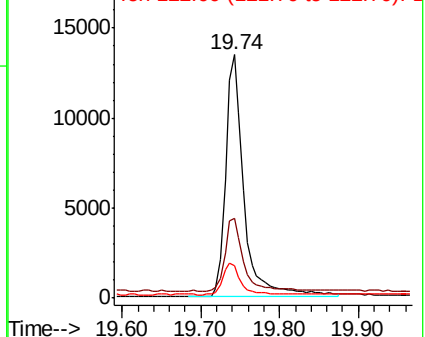
122 13.4 10.2 15.4

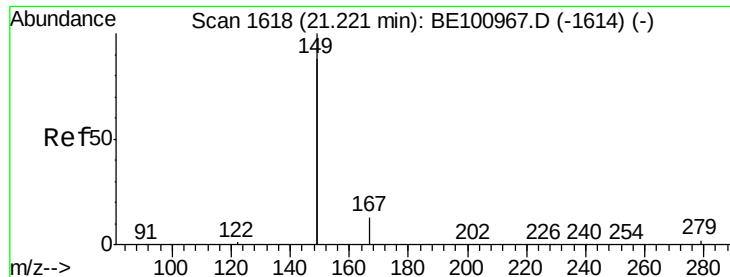


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

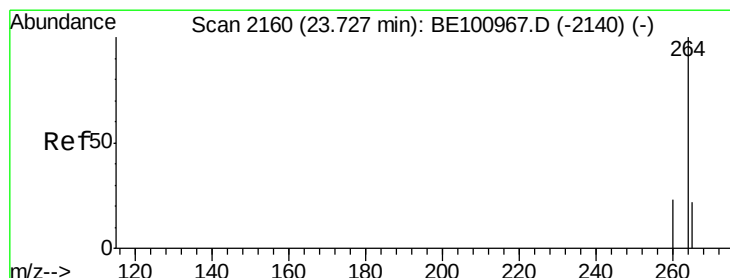
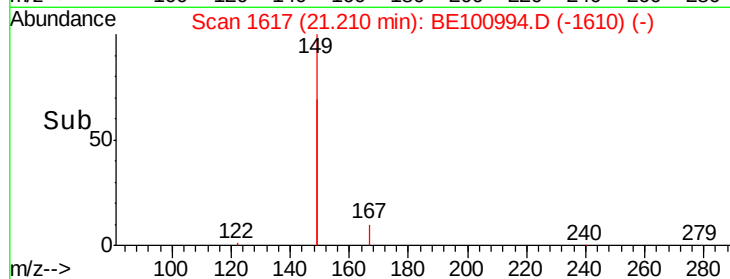
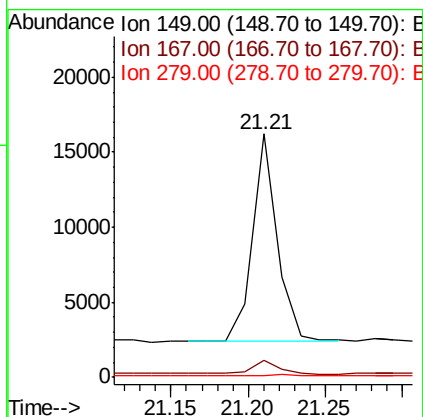
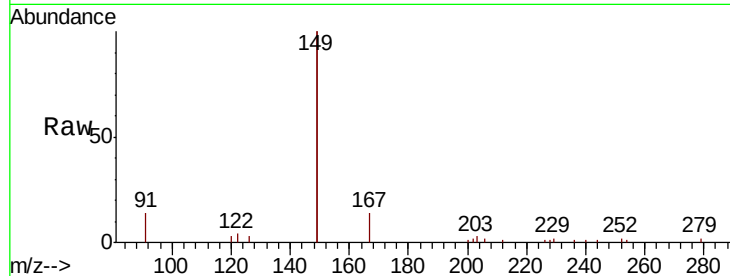




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100994.D
 Acq: 27 Dec 2019 15:36

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-191209

Tot Ion:149 Resp: 15482
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.1 7.7
 279 1.1 0.6 1.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BE100994.D
 Acq: 27 Dec 2019 15:36

Tgt Ion:264 Resp: 26557
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 27.9 26.6 40.0

