

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100817.D
 Acq On : 10 Dec 2019 18:57
 Operator : JU
 Sample : K6184-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20191203

Quant Time: Dec 11 05:41:14 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

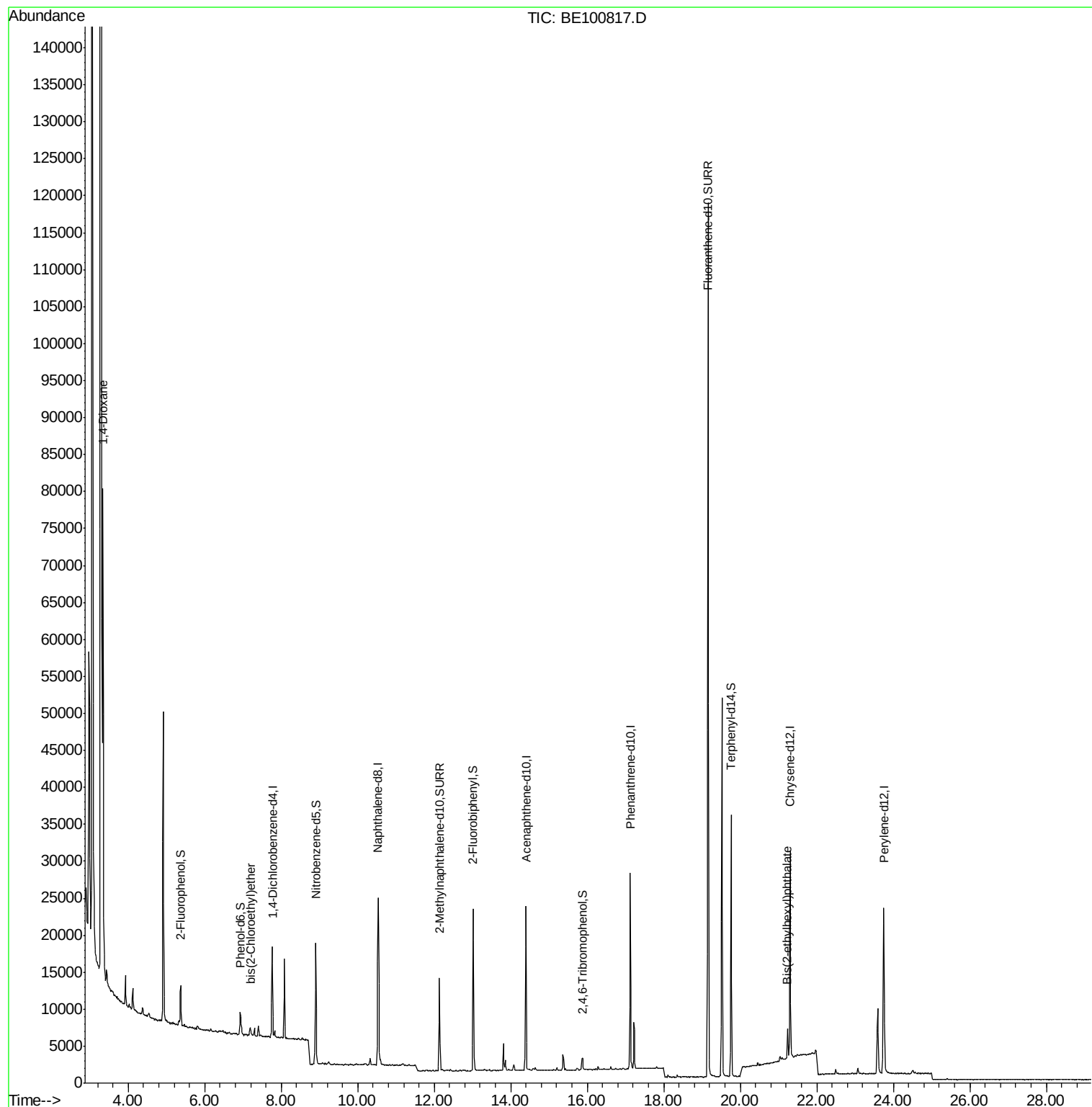
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5524	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	25149	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14196	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33744	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	27238	0.40	ng	0.00
34) Perylene-d12	23.75	264	32884	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2922	0.22	ng	0.00
5) Phenol-d6	6.93	99	2766	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	6587	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15622	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1100	0.70	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	22223	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	150786	0.38	ng	0.00
29) Terphenyl-d14	19.76	244	28864	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	33121	3.289	ng	# 85
6) bis(2-Chloroethyl)ether	7.19	93	558	0.029	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.23	149	6453	0.060	ng	99

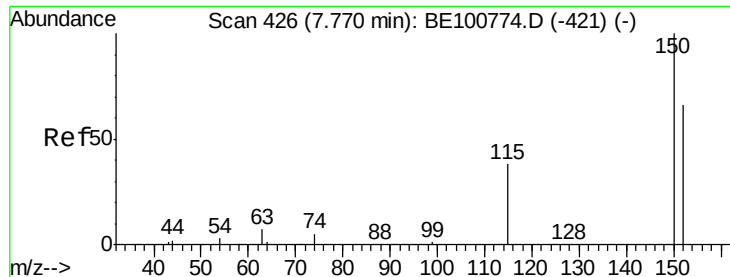
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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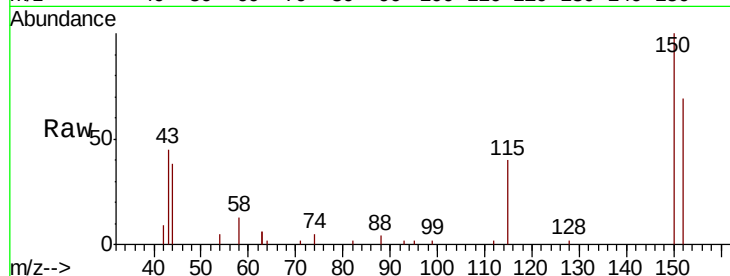


#1

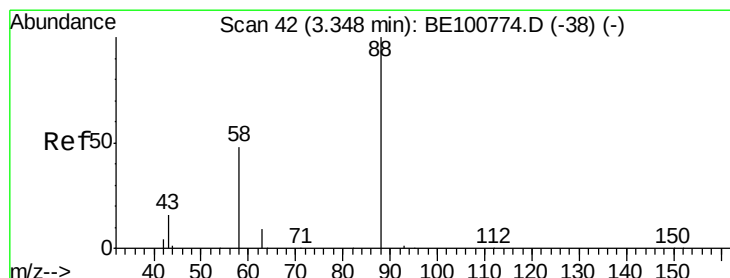
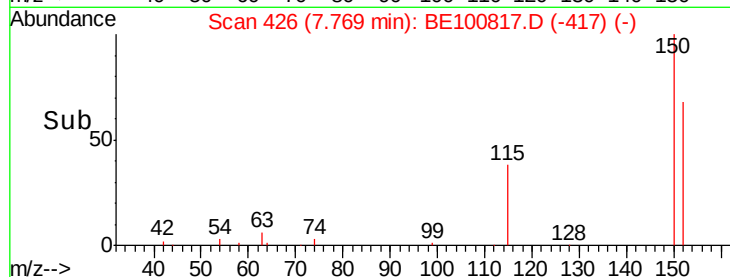
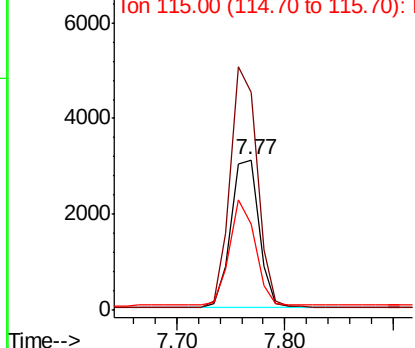
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100817.D
Acq: 10 Dec 2019 18:57

Instrument :
BNA_E
ClientSampleId :
RE126D2-20191203

Tot Ion:152 Resp: 5524
Ion Ratio Lower Upper
152 100
150 145.0 120.6 181.0
115 57.5 47.4 71.2



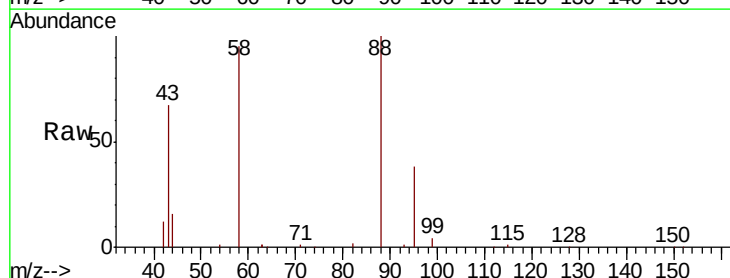
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



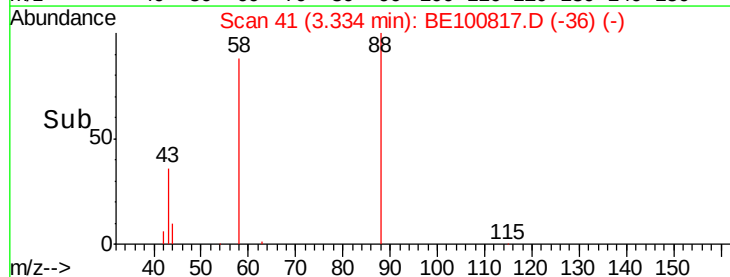
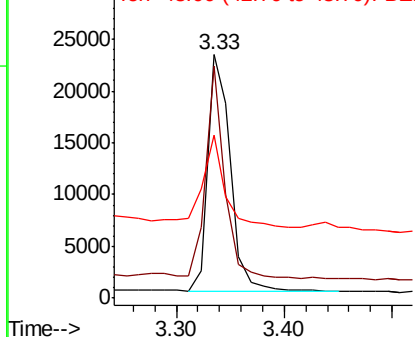
#2

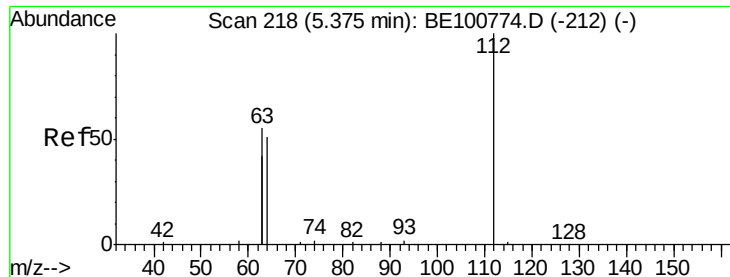
1,4-Dioxane
Concen: 3.289 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100817.D
Acq: 10 Dec 2019 18:57

Tgt Ion: 88 Resp: 33121
Ion Ratio Lower Upper
88 100
58 75.8 52.5 78.7
43 39.2 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: 0.223 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

Instrument :

BNA_E

ClientSampleId :

RE126D2-20191203

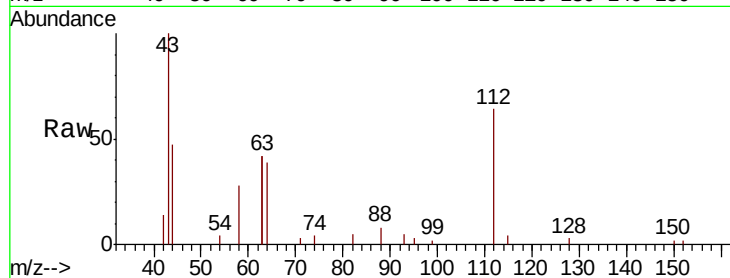
Tot Ion:112 Resp: 2922

Ion Ratio Lower Upper

112 100

64 66.8 54.1 81.1

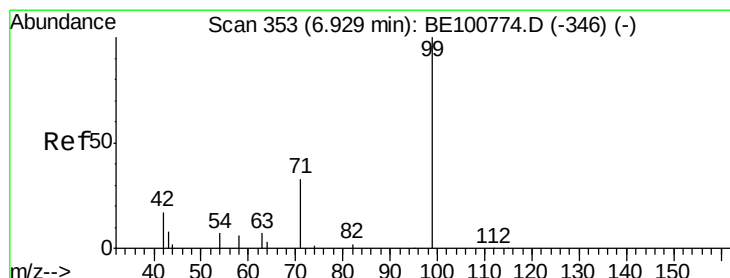
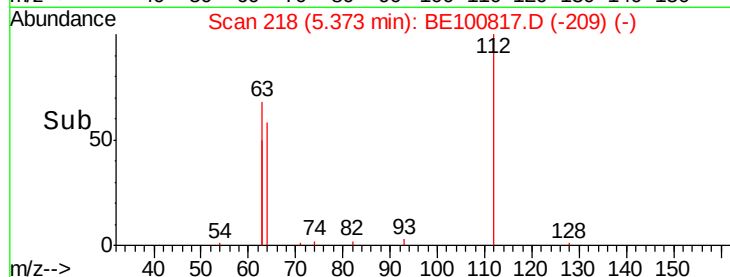
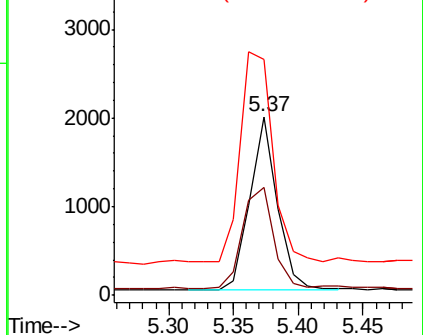
63 140.4 113.2 169.8



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: 0.140 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

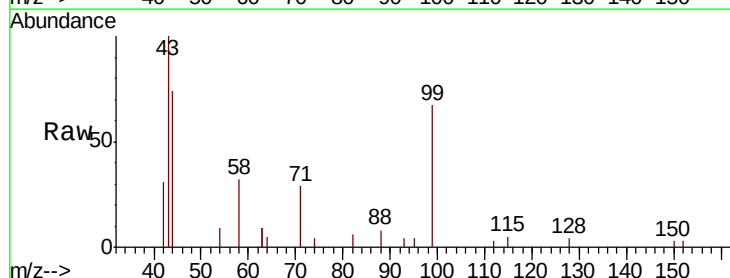
Tgt Ion: 99 Resp: 2766

Ion Ratio Lower Upper

99 100

42 26.2 19.1 28.7

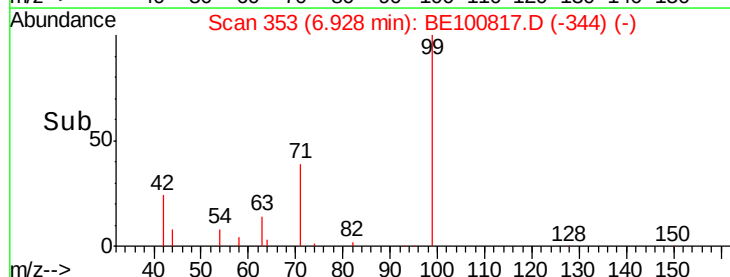
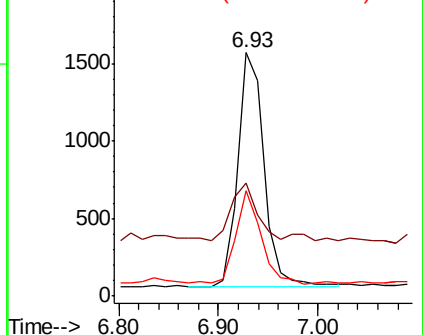
71 36.5 27.7 41.5

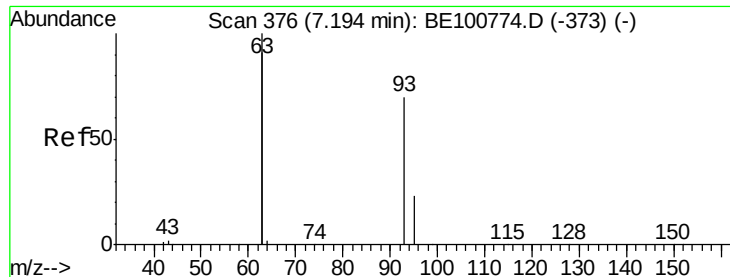


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

Instrument :

BNA_E

ClientSampleId :

RE126D2-20191203

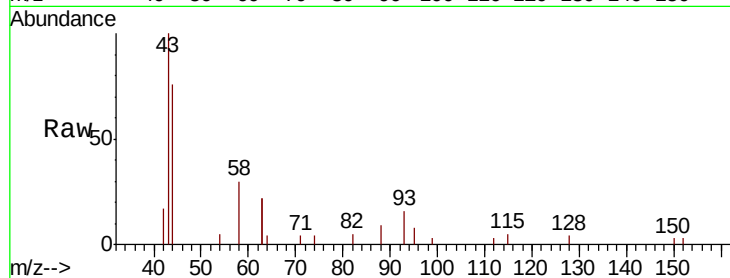
Tot Ion: 93 Resp: 558

Ion Ratio Lower Upper

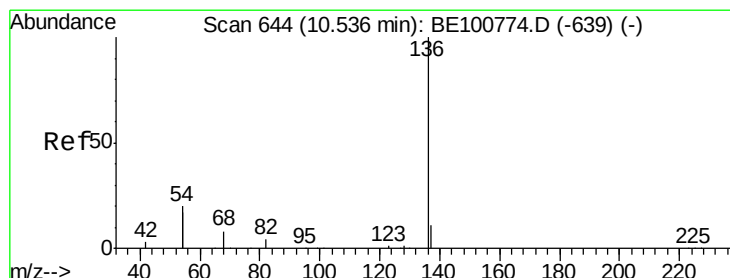
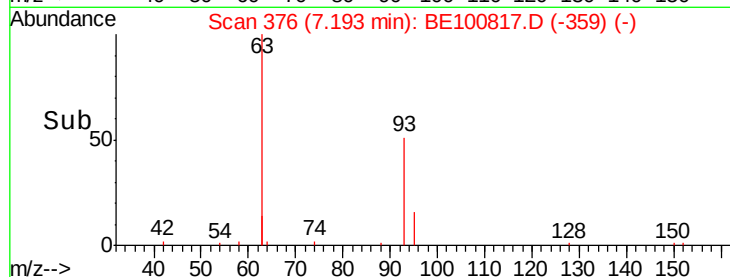
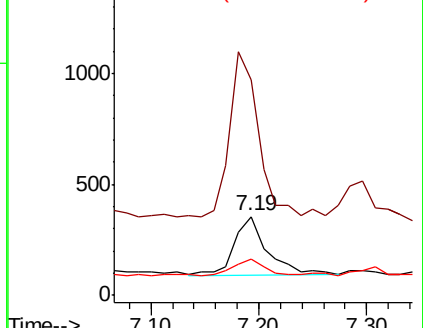
93 100

63 253.4 259.4 389.0#

95 31.0 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

Tgt Ion: 136 Resp: 25149

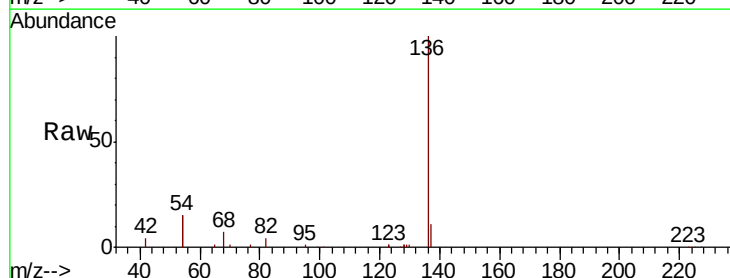
Ion Ratio Lower Upper

136 100

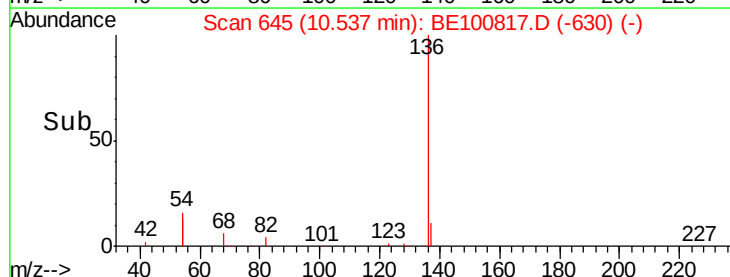
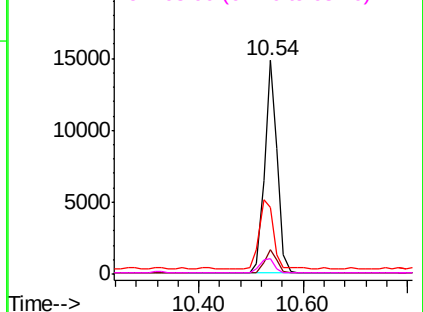
137 11.1 9.4 14.0

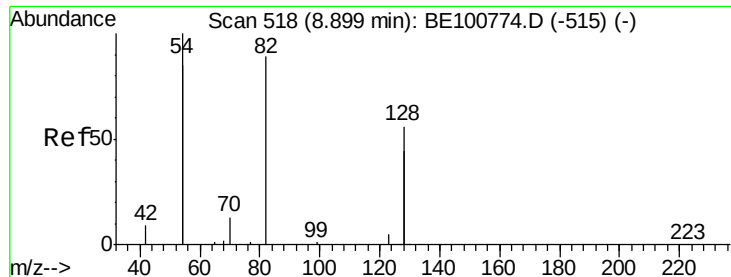
54 30.9 31.1 46.7#

68 7.1 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: 0.550 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

Instrument :

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ClientSampleId :

RE126D2-20191203

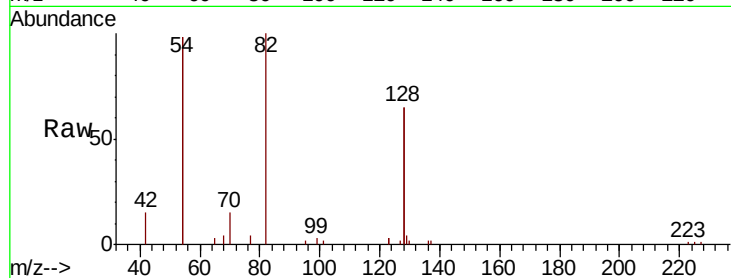
Tot Ion: 82 Resp: 6587

Ion Ratio Lower Upper

82 100

128 129.7 97.0 145.4

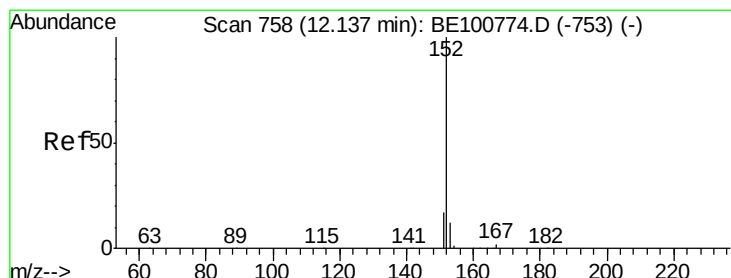
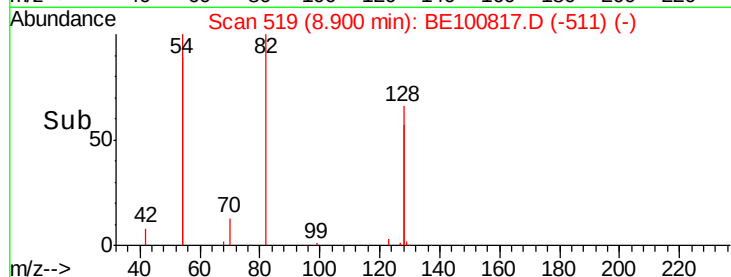
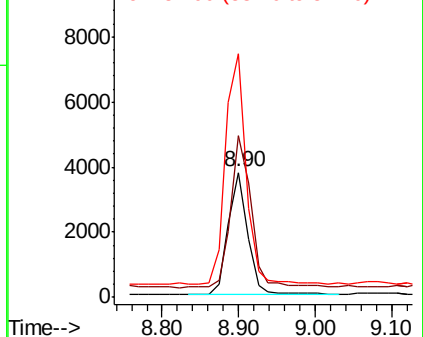
54 195.1 171.8 257.6



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: 0.429 ng

RT: 12.14 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100817.D

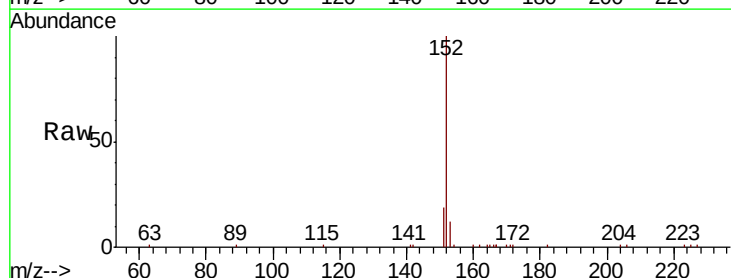
Acq: 10 Dec 2019 18:57

Tgt Ion: 152 Resp: 15622

Ion Ratio Lower Upper

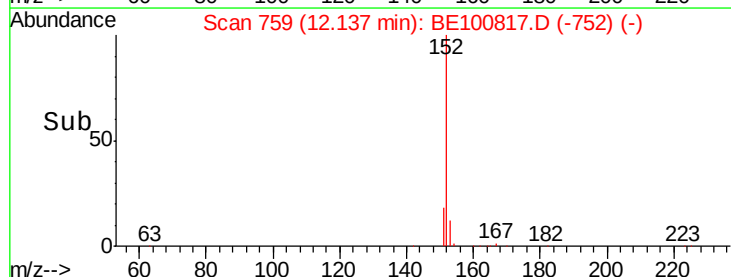
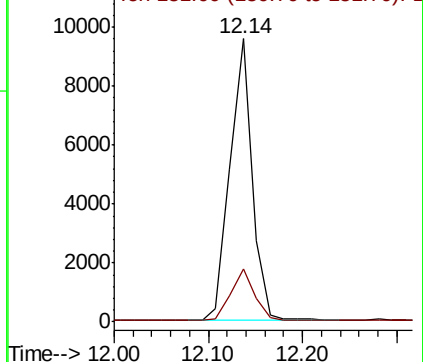
152 100

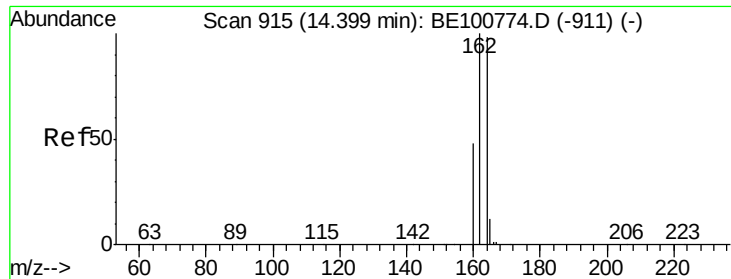
151 19.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

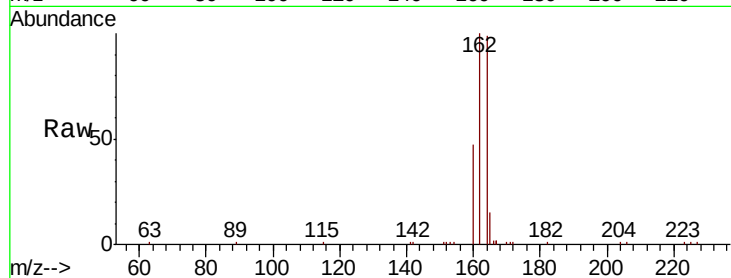




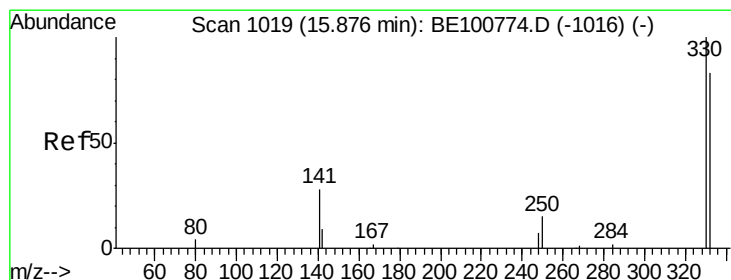
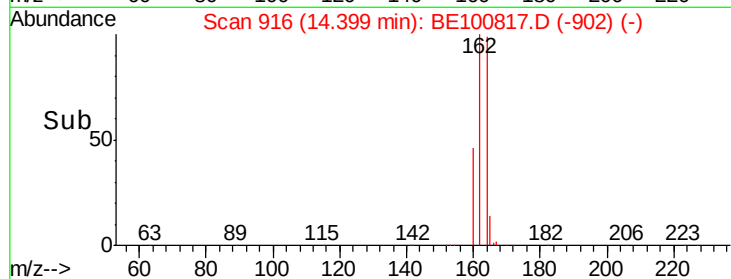
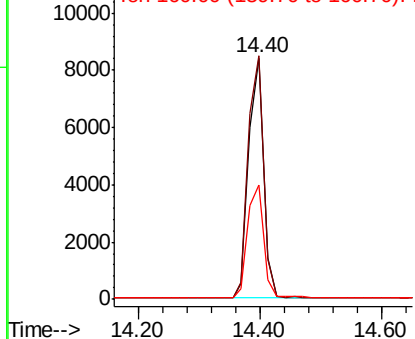
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BE100817.D
 Acq: 10 Dec 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20191203

Tot Ion:164 Resp: 14196
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.4 122.0
 160 47.3 39.4 59.0

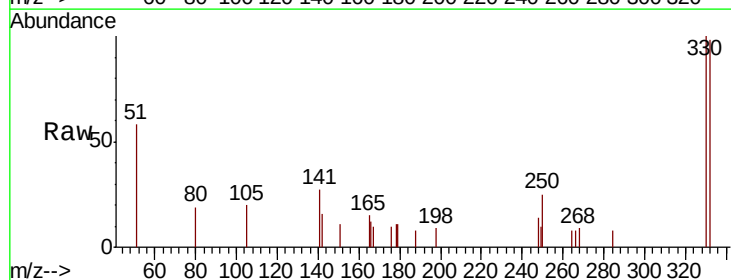


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

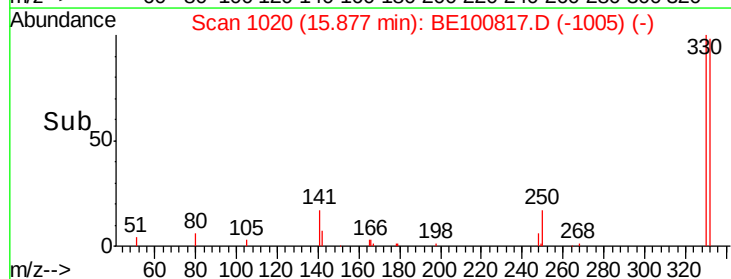
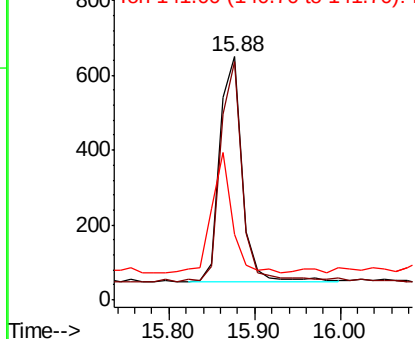


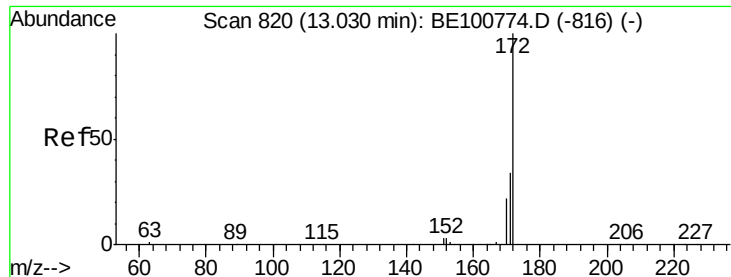
#14
 2,4,6-Tribromophenol
 Concen: 0.697 ng
 RT: 15.88 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100817.D
 Acq: 10 Dec 2019 18:57

Tgt Ion:330 Resp: 1100
 Ion Ratio Lower Upper
 330 100
 332 94.3 69.4 104.2
 141 49.4 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

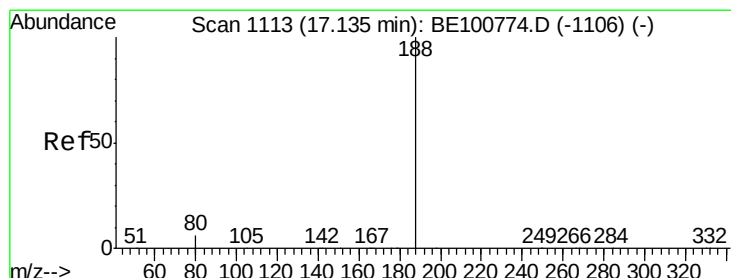
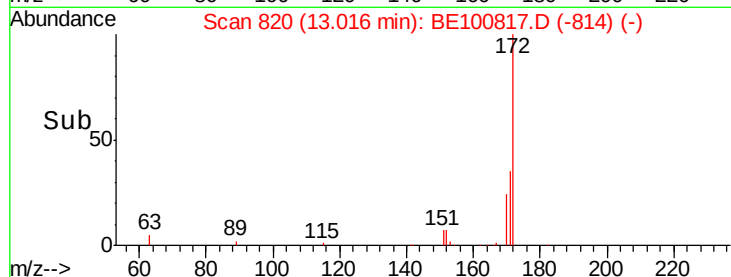
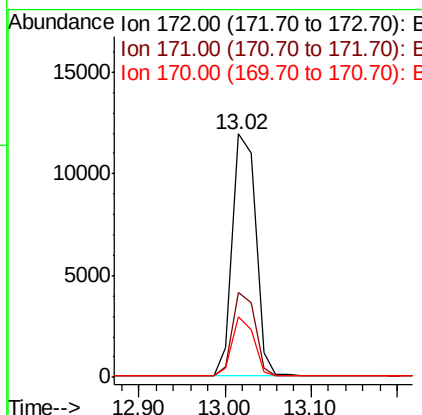
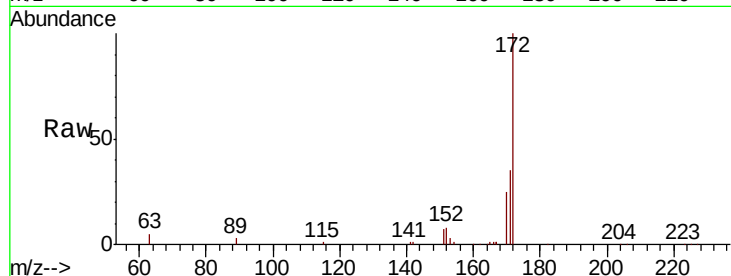




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.02 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100817.D
Acq: 10 Dec 2019 18:57

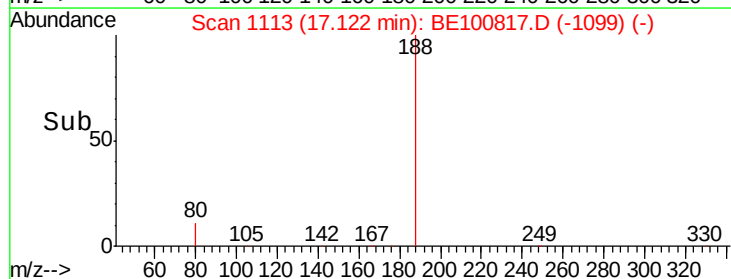
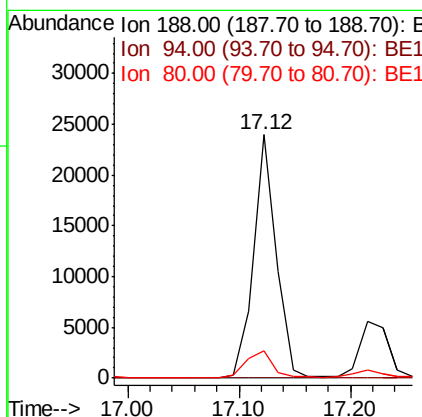
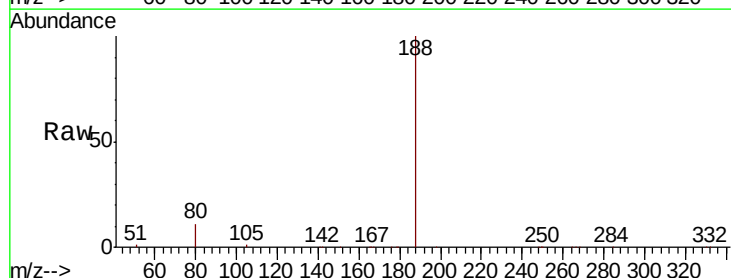
Instrument :
BNA_E
ClientSampleId :
RE126D2-20191203

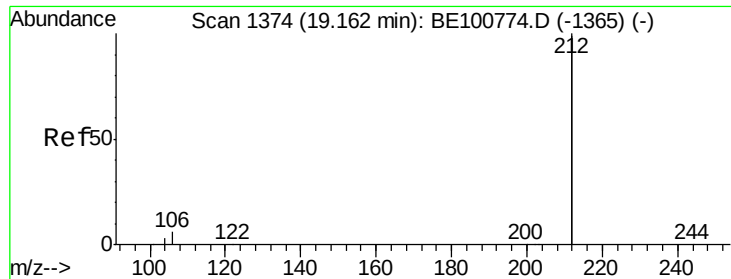
Tot Ion:172 Resp: 22223
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 24.8 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE100817.D
Acq: 10 Dec 2019 18:57

Tgt Ion:188 Resp: 33744
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 5.2 7.8#

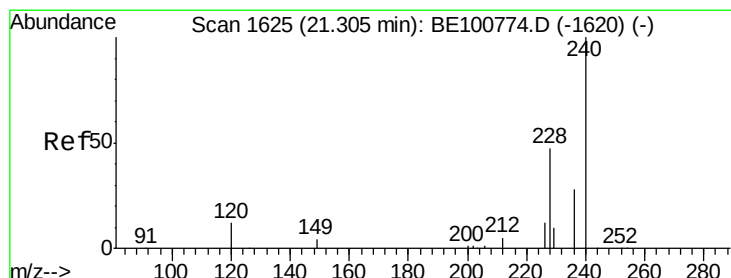
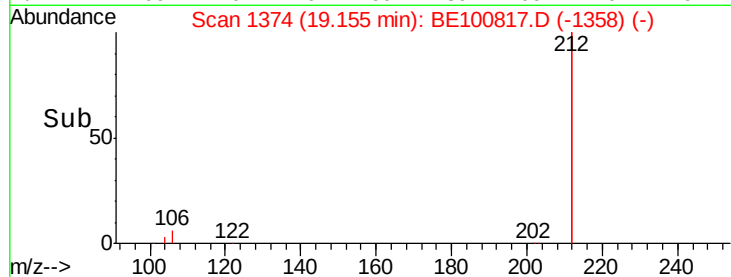
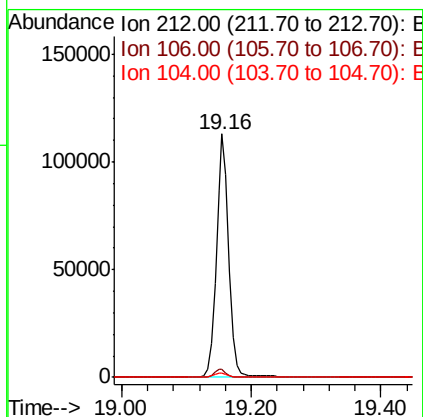
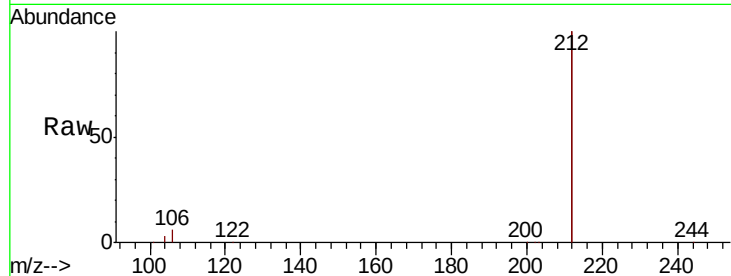




#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.16 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BE100817.D
 Acq: 10 Dec 2019 18:57

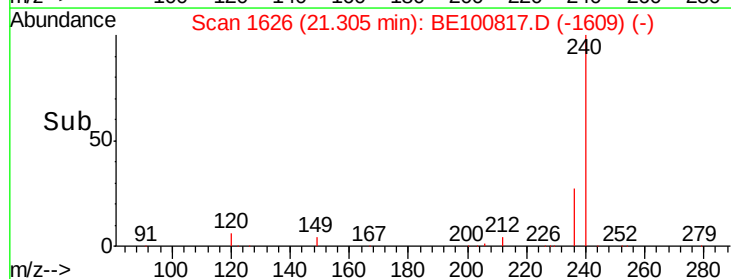
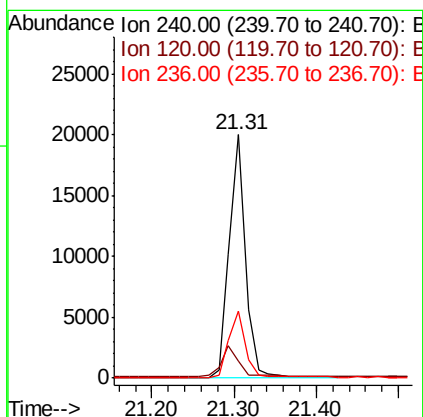
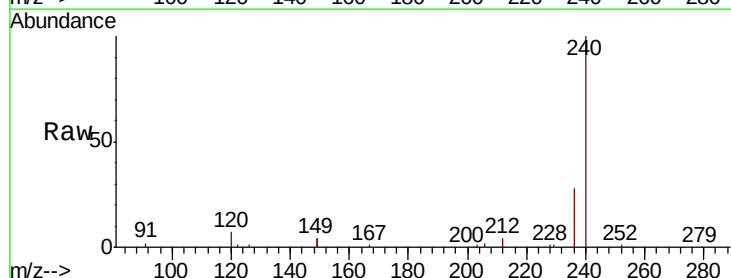
Instrument :
 BNA_E
 ClientSampleId :
 RE126D2-20191203

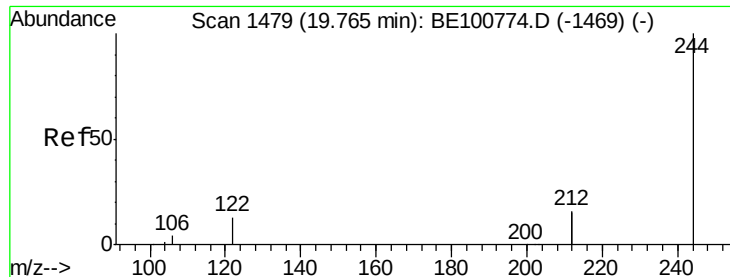
Tot Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE100817.D
 Acq: 10 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	10.2	15.2#
236	27.6	22.3	33.5





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

Instrument :

BNA_E

ClientSampleId :

RE126D2-20191203

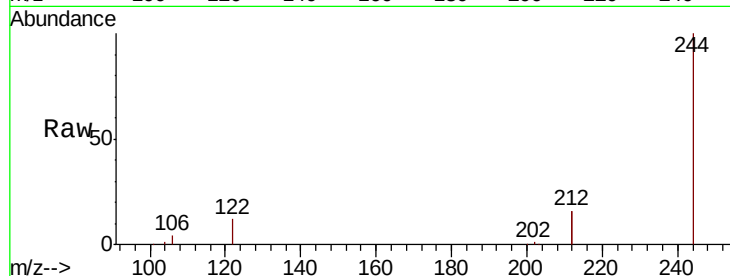
Tot Ion:244 Resp: 28864

Ion Ratio Lower Upper

244 100

212 32.5 26.2 39.4

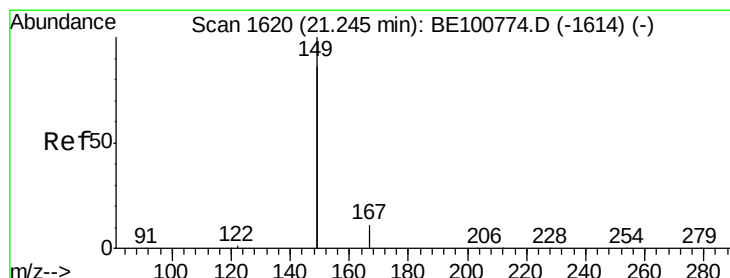
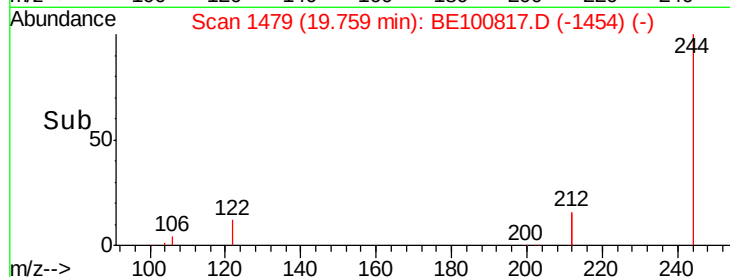
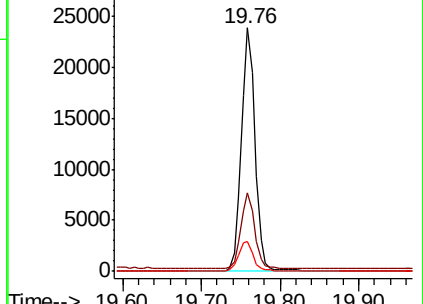
122 12.3 10.2 15.4



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: 0.060 ng

RT: 21.23 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

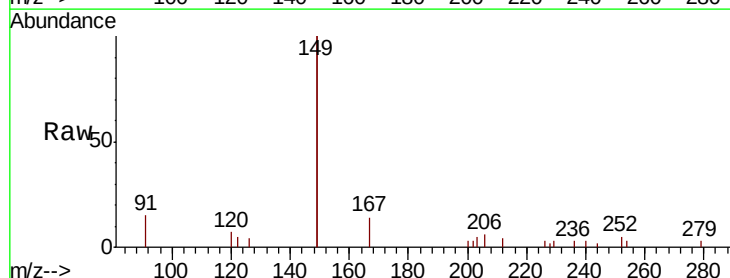
Tgt Ion:149 Resp: 6453

Ion Ratio Lower Upper

149 100

167 6.8 5.0 7.6

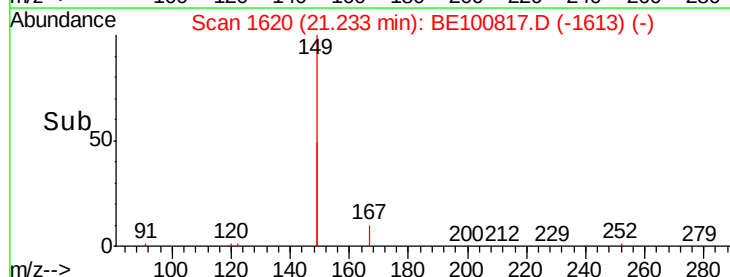
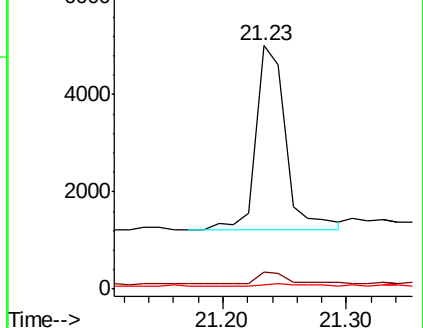
279 1.1 0.7 1.1

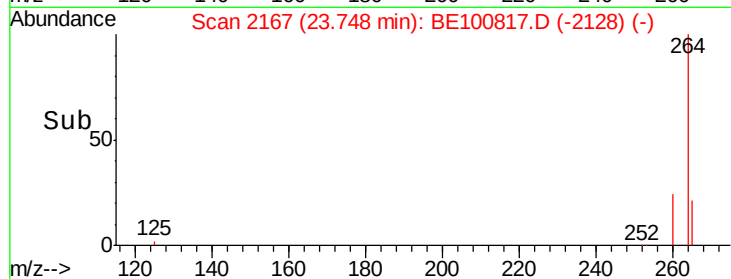
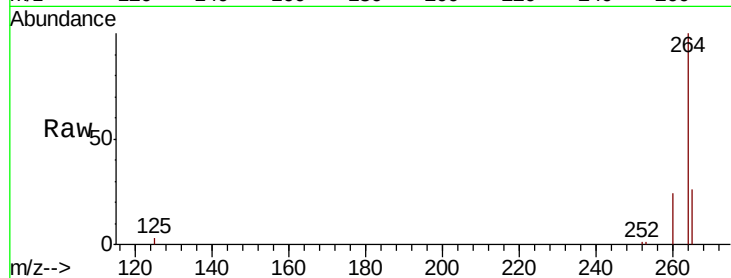
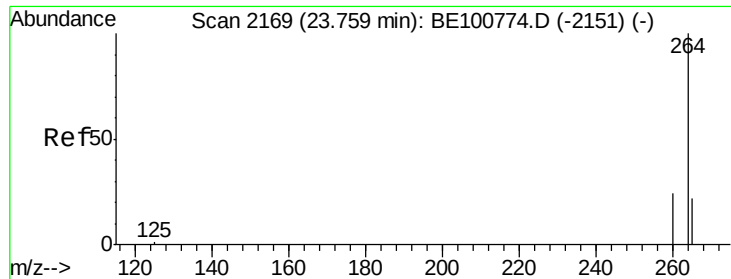


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BE100817.D

Acq: 10 Dec 2019 18:57

Instrument :

BNA_E

ClientSampleId :

RE126D2-20191203

Tot Ion:264 Resp: 32884

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 25.6 21.8 32.8

