

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100927.D
 Acq On : 16 Dec 2019 19:29
 Operator : JU
 Sample : K6252-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D3-20191210

Quant Time: Dec 17 06:19:35 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

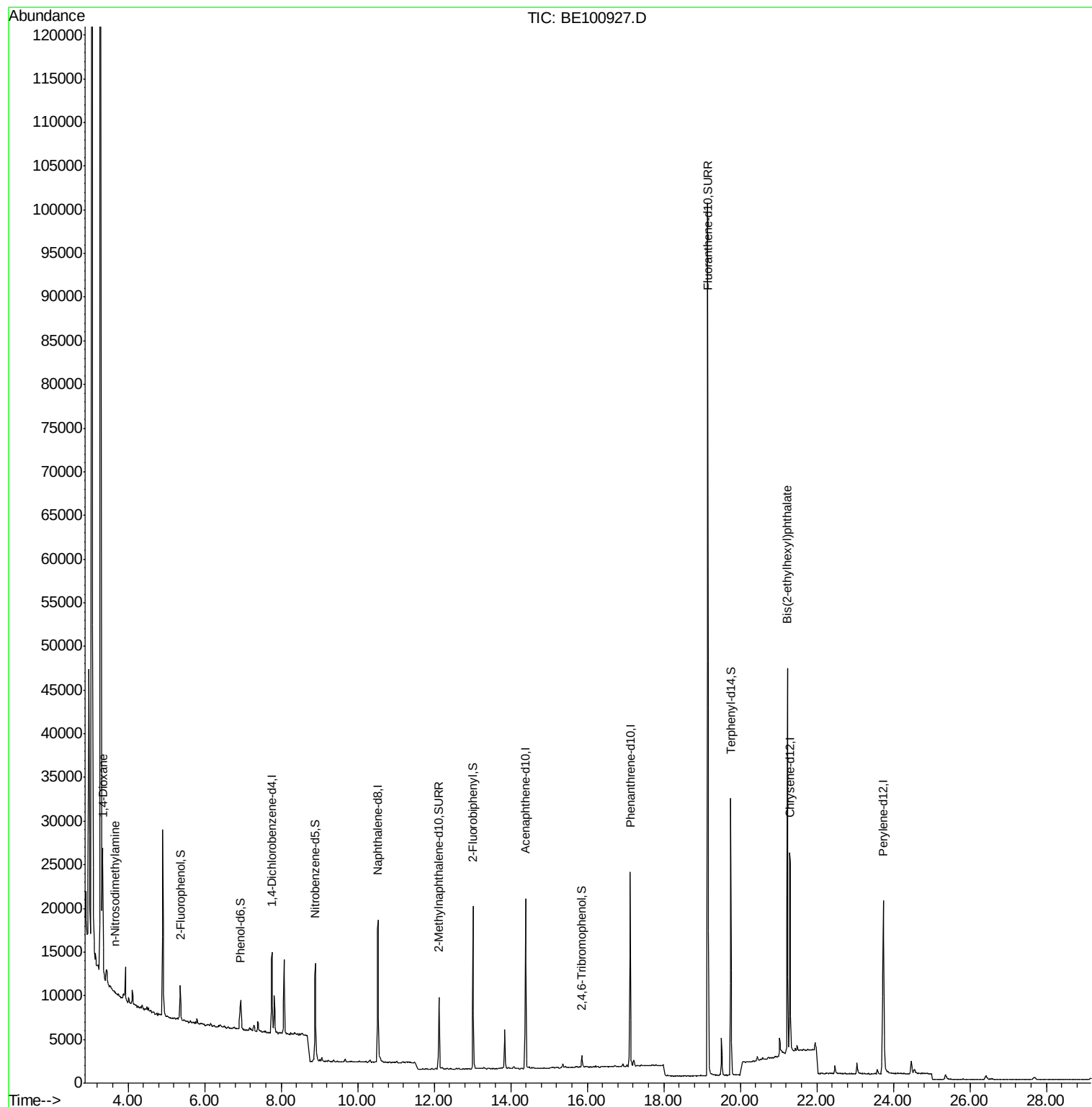
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4536	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20281	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11627	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29837	0.40	ng	0.00
27) Chrysene-d12	21.30	240	27092	0.40	ng	0.00
34) Perylene-d12	23.74	264	30922	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2005	0.19	ng	0.00
5) Phenol-d6	6.93	99	1842	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	5025	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	11940	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	789	0.61	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	16165	0.35	ng	0.00
25) Fluoranthene-d10	19.15	212	132664	0.38	ng	0.00
29) Terphenyl-d14	19.75	244	25770	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	9644	1.166	ng	# 84
3) n-Nitrosodimethylamine	3.67	42	139	0.021	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.23	149	47223	0.805	ng	100

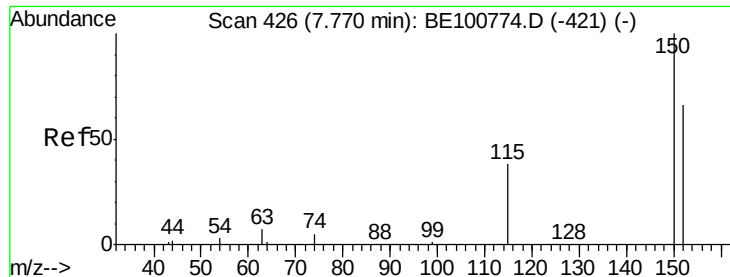
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 06:19:35 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
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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: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

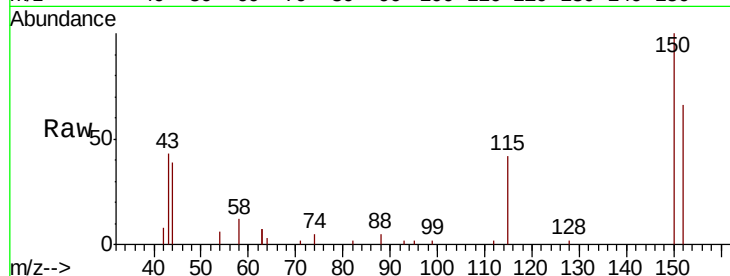
Tot Ion:152 Resp: 4536

Ion Ratio Lower Upper

152 100

150 150.9 125.5 188.3

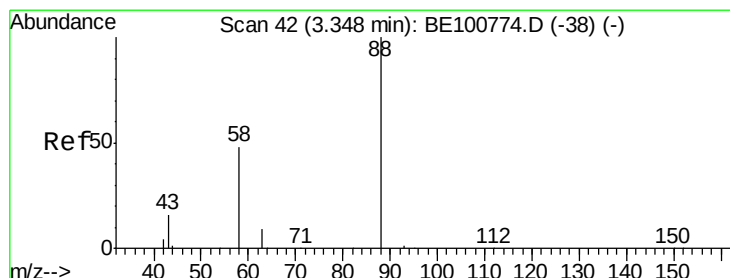
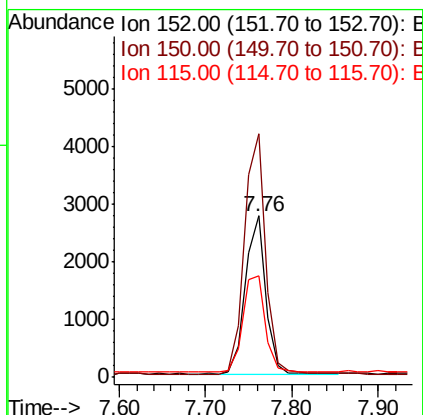
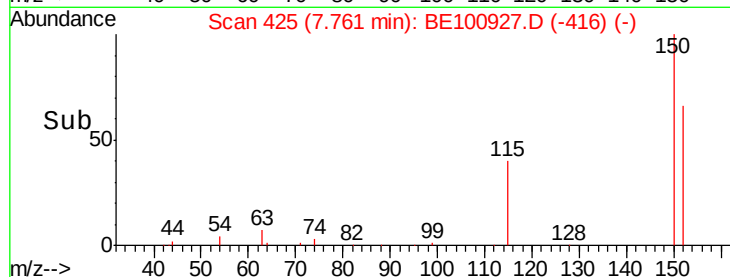
115 63.2 55.7 83.5



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



#2

1,4-Dioxane

Concen: 1.166 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

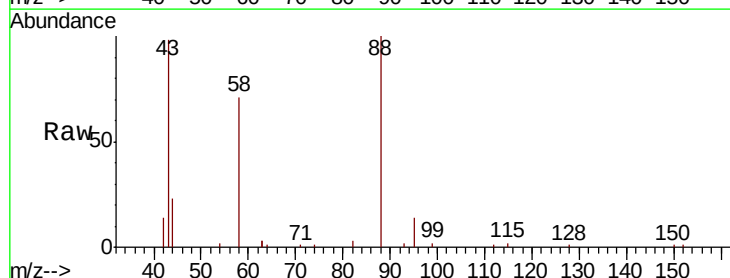
Tgt Ion: 88 Resp: 9644

Ion Ratio Lower Upper

88 100

58 72.3 52.3 78.5

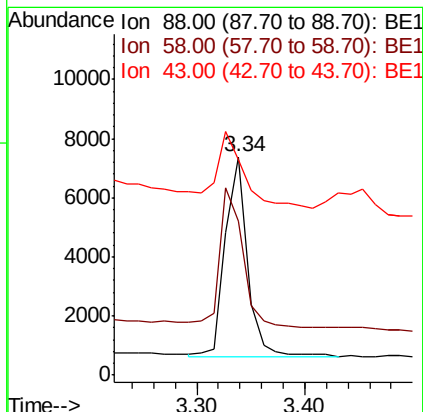
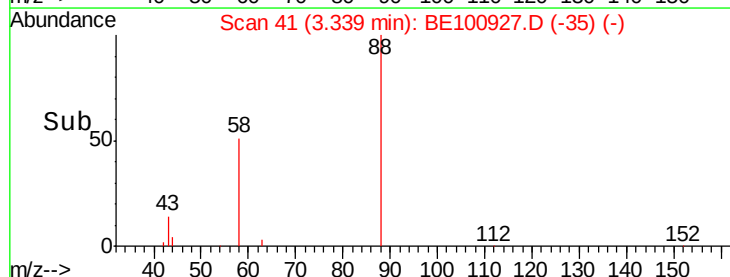
43 46.7 23.5 35.3#

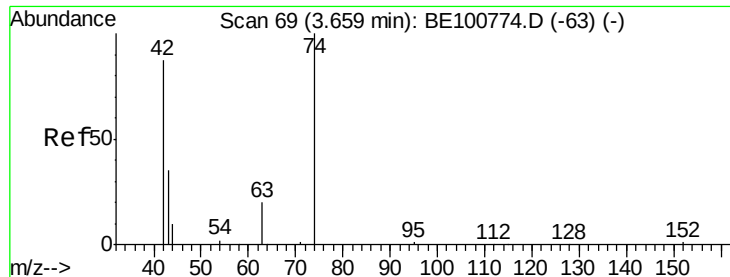


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.03 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

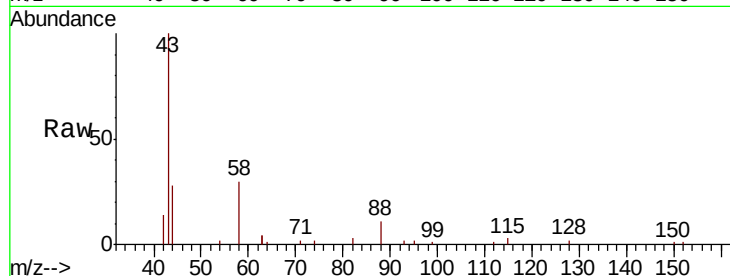
Tot Ion: 42 Resp: 139

Ion Ratio Lower Upper

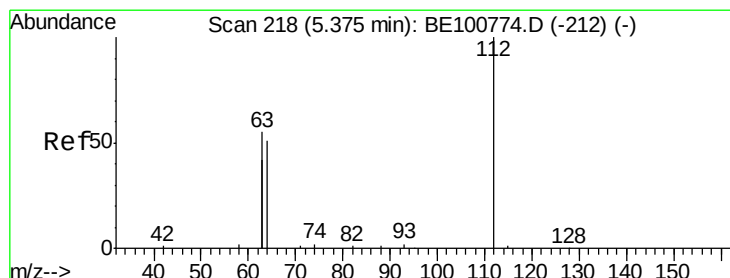
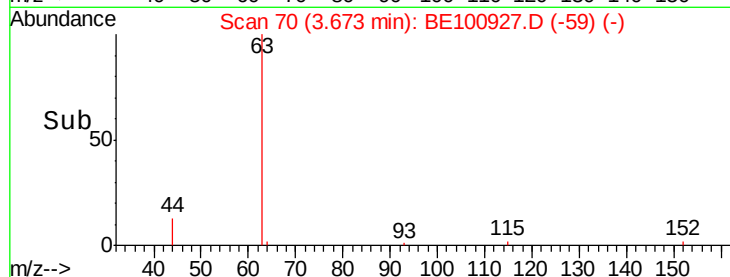
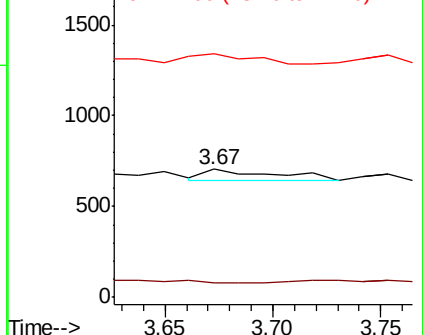
42 100

74 0.0 90.3 135.5#

44 324.5 9.0 13.4#



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: 0.186 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

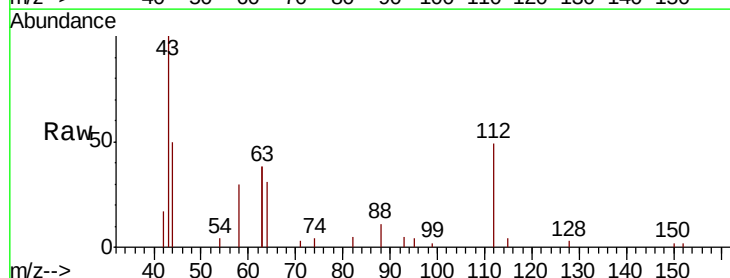
Tgt Ion: 112 Resp: 2005

Ion Ratio Lower Upper

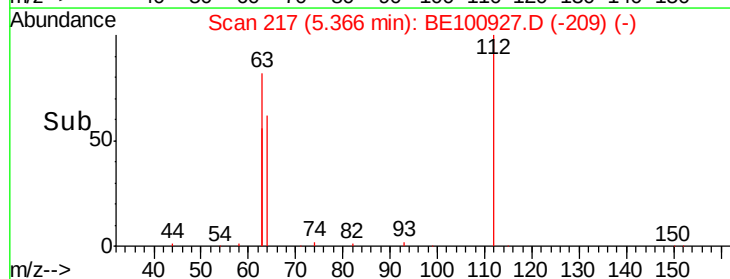
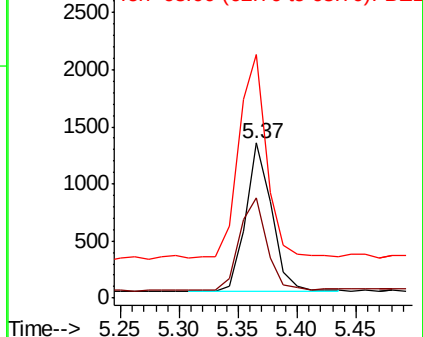
112 100

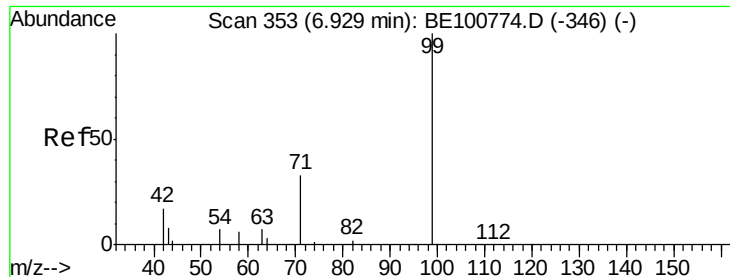
64 67.2 54.5 81.7

63 144.5 116.1 174.1



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: 0.113 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

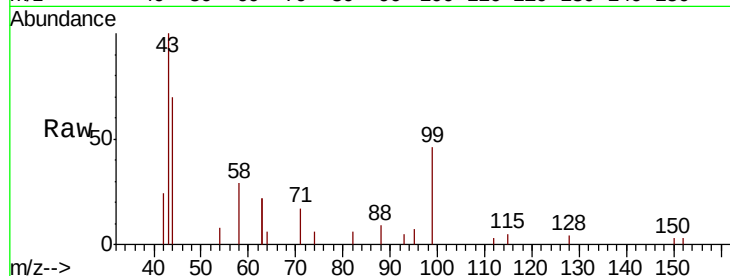
Tot Ion: 99 Resp: 1842

Ion Ratio Lower Upper

99 100

42 50.1 18.2 27.2#

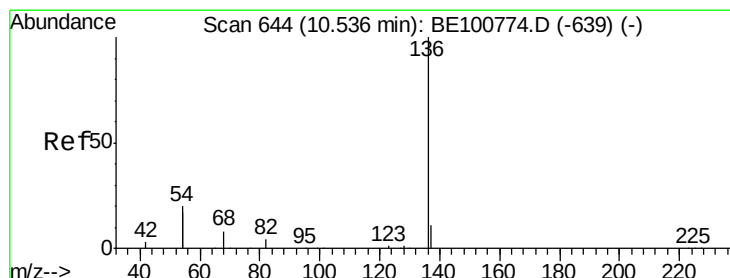
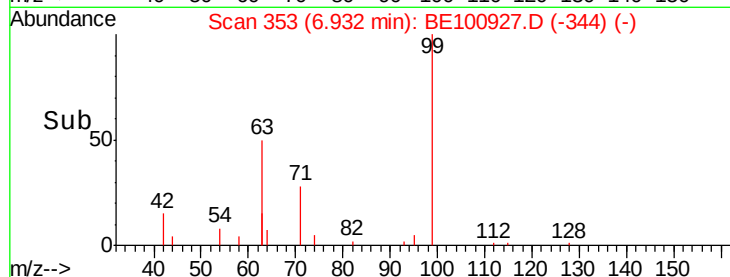
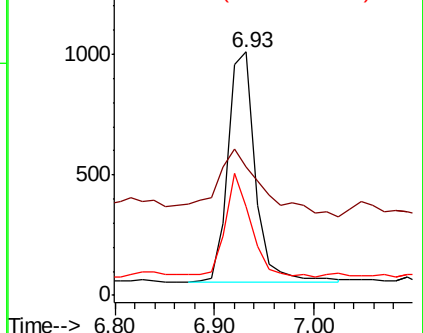
71 41.6 29.1 43.7



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: BE100927.D

Acq: 16 Dec 2019 19:29

Tgt Ion: 136 Resp: 20281

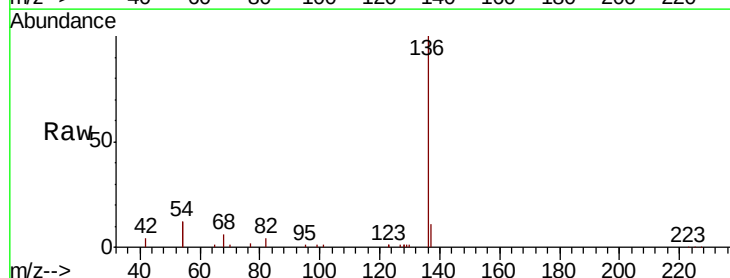
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 23.6 18.9 28.3

68 5.8 4.6 6.8

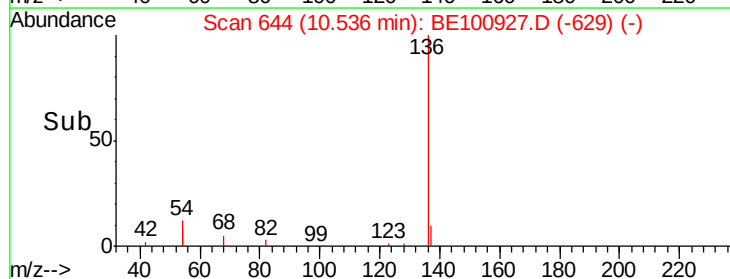
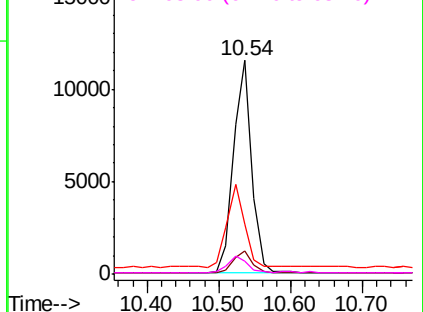


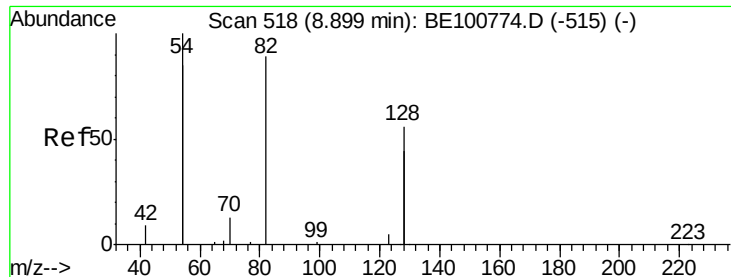
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.520 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

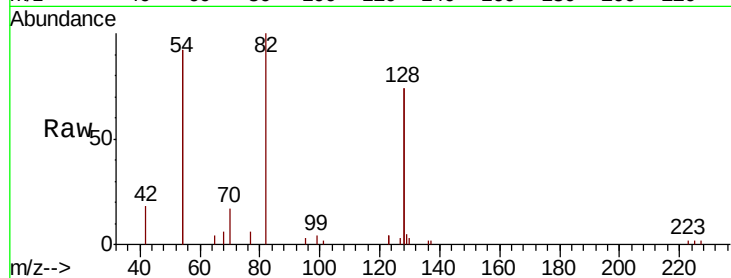
Tot Ion: 82 Resp: 5025

Ion Ratio Lower Upper

82 100

128 147.7 113.5 170.3

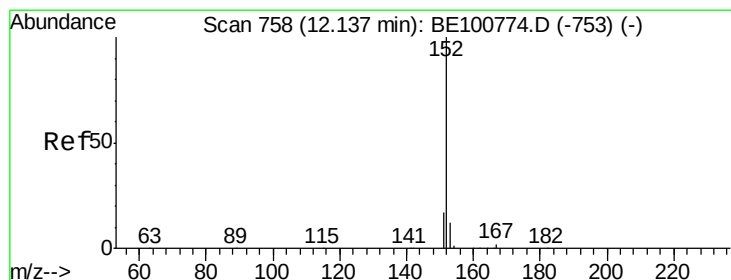
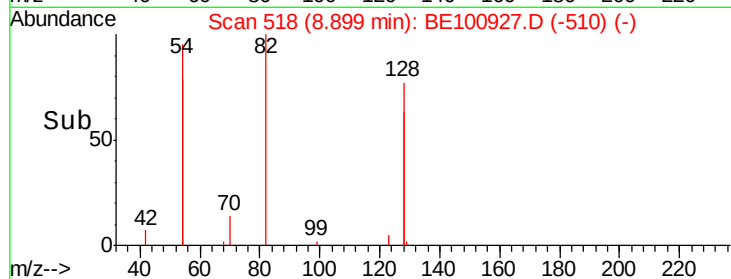
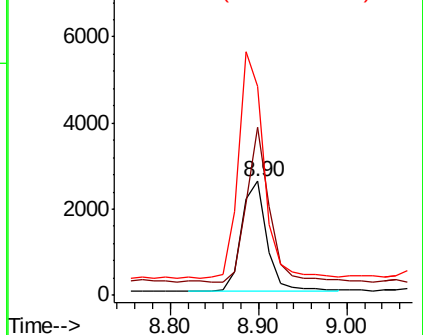
54 183.5 138.9 208.3



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: 0.406 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100927.D

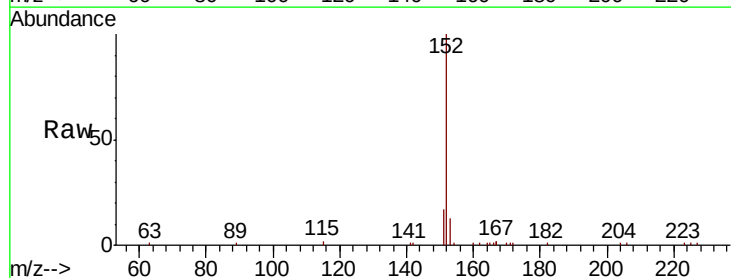
Acq: 16 Dec 2019 19:29

Tgt Ion: 152 Resp: 11940

Ion Ratio Lower Upper

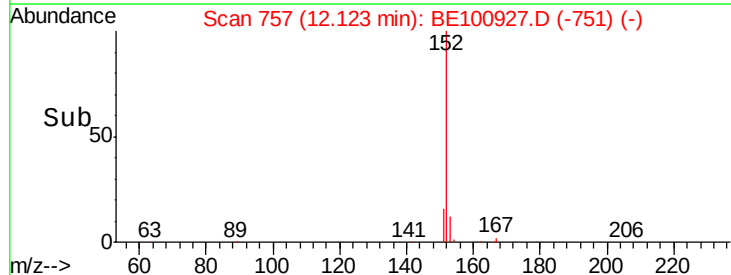
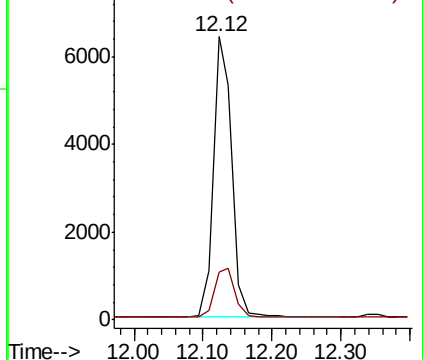
152 100

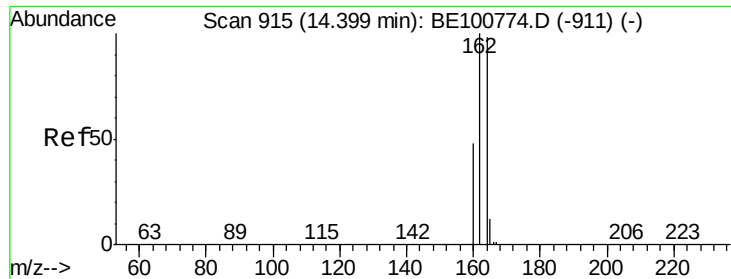
151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

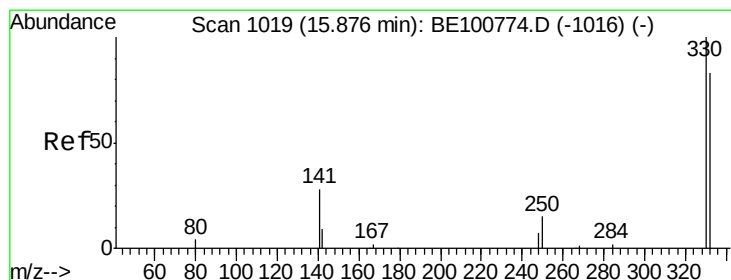
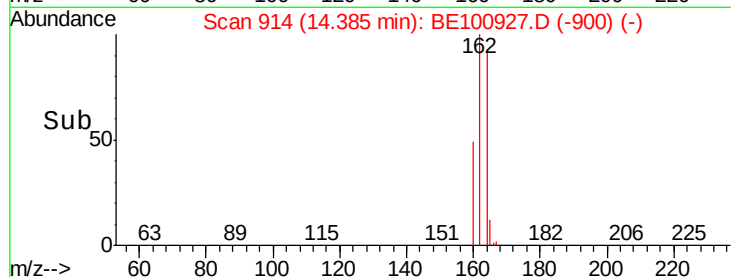
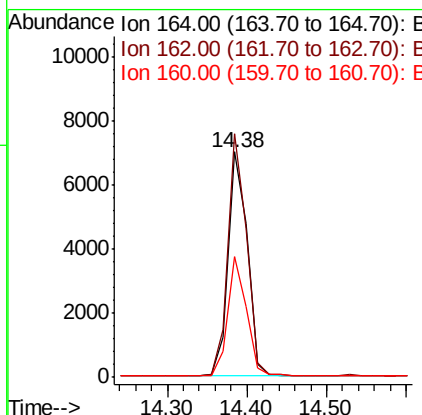
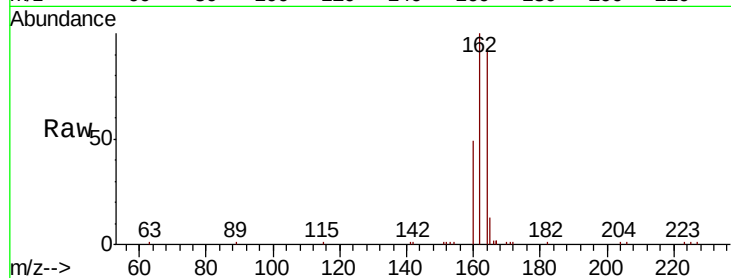




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100927.D
 Acq: 16 Dec 2019 19:29

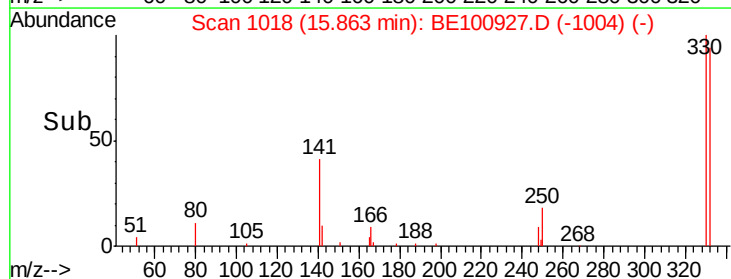
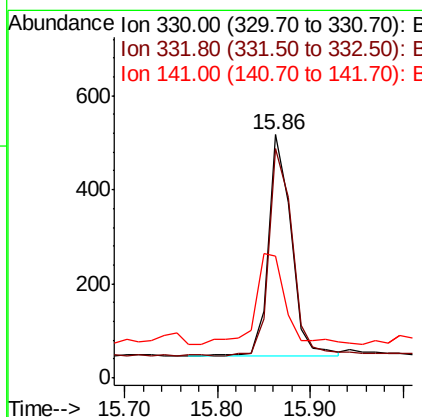
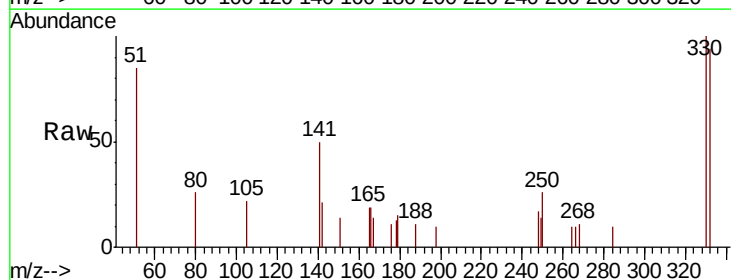
Instrument :
 BNA_E
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 RE120D3-20191210

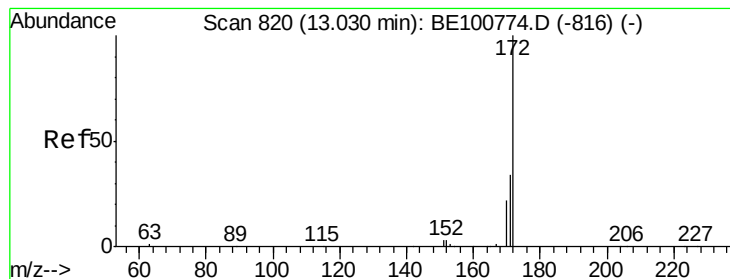
Tot Ion:164 Resp: 11627
 Ion Ratio Lower Upper
 164 100
 162 108.0 86.0 129.0
 160 53.3 42.3 63.5



#14
 2,4,6-Tribromophenol
 Concen: 0.610 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100927.D
 Acq: 16 Dec 2019 19:29

Tgt Ion:330 Resp: 789
 Ion Ratio Lower Upper
 330 100
 332 99.1 74.1 111.1
 141 56.8 46.7 70.1

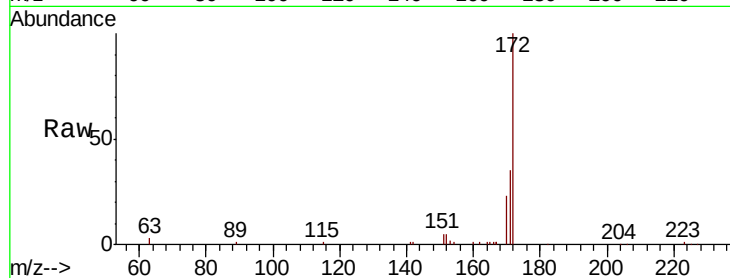




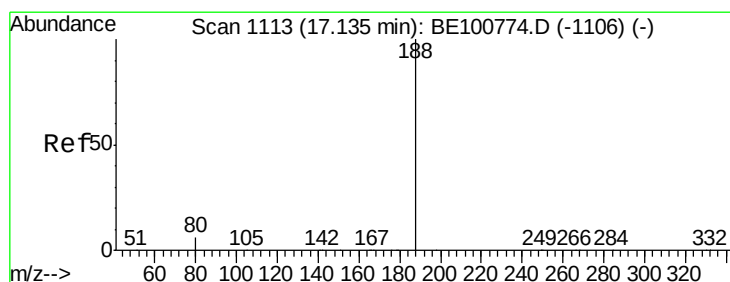
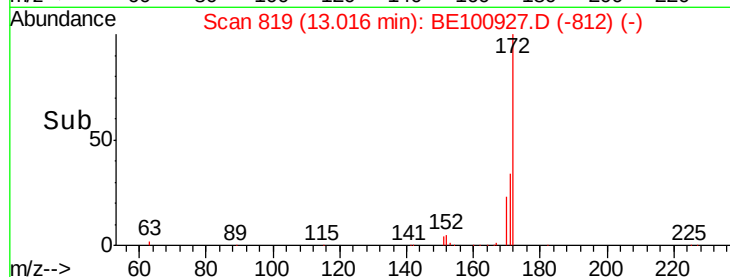
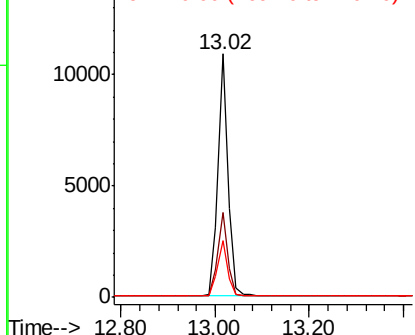
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100927.D
Acq: 16 Dec 2019 19:29

Instrument :
BNA_E
ClientSampleId :
RE120D3-20191210

Tot Ion:172 Resp: 16165
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 23.3 19.4 29.0

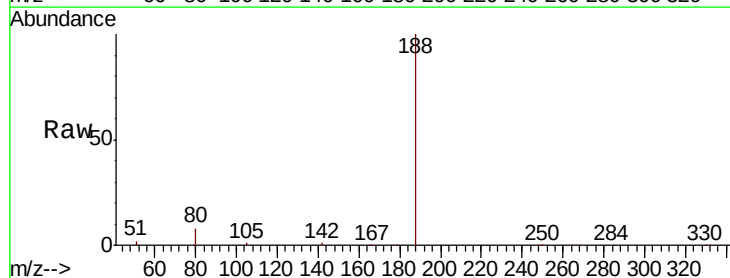


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

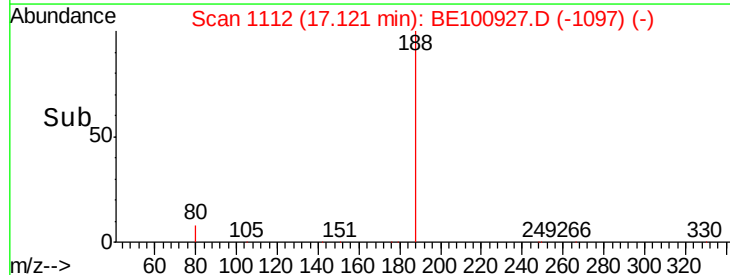
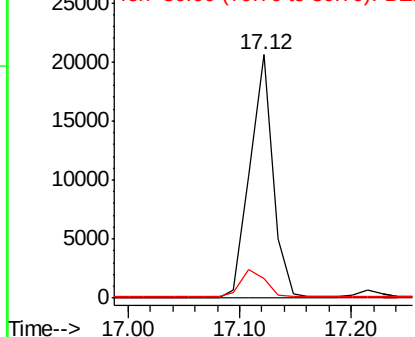


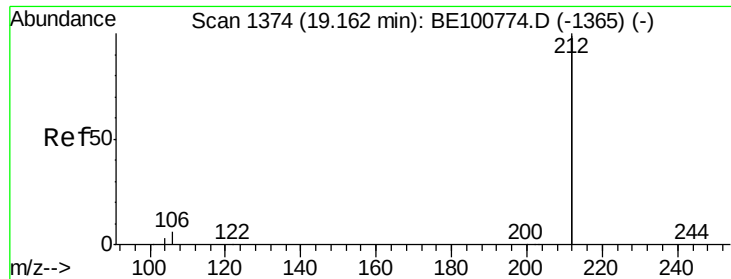
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100927.D
Acq: 16 Dec 2019 19:29

Tgt Ion:188 Resp: 29837
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 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





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

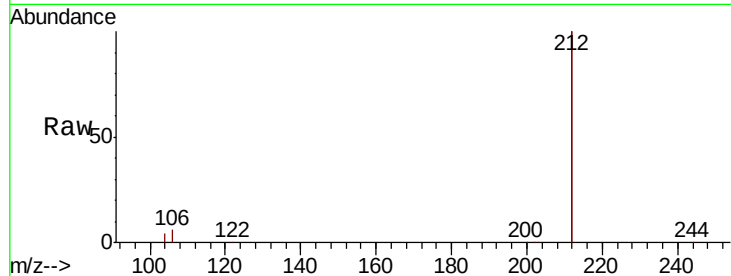
Tot Ion:212 Resp: 132664

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

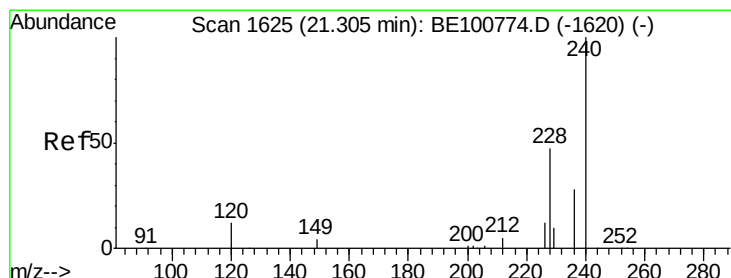
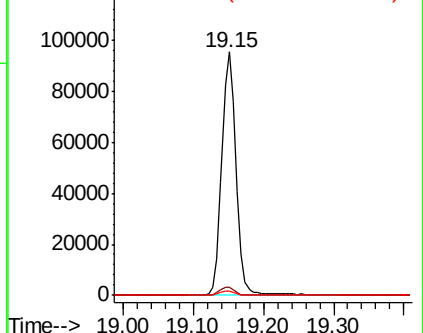
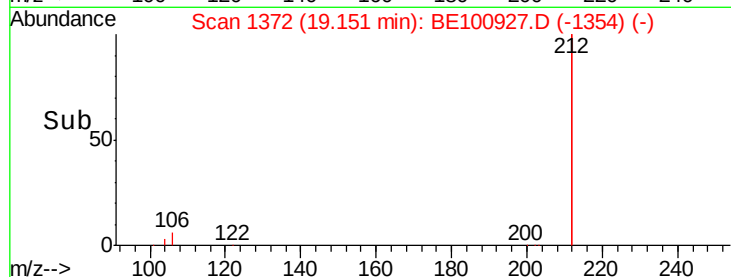
104 1.9 1.4 2.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

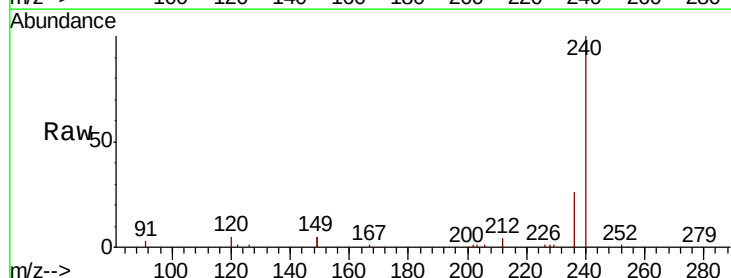
Tgt Ion:240 Resp: 27092

Ion Ratio Lower Upper

240 100

120 5.2 4.0 6.0

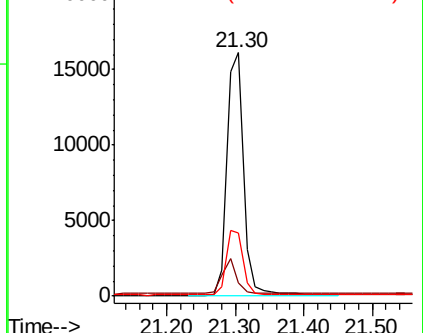
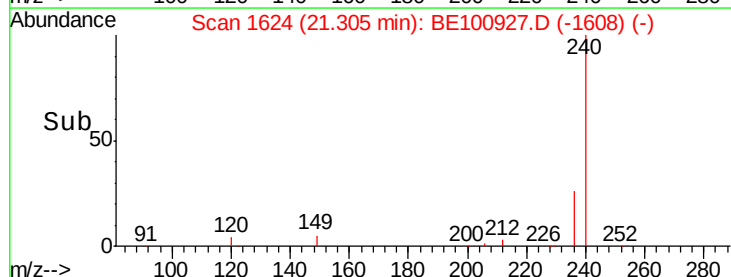
236 26.1 21.6 32.4

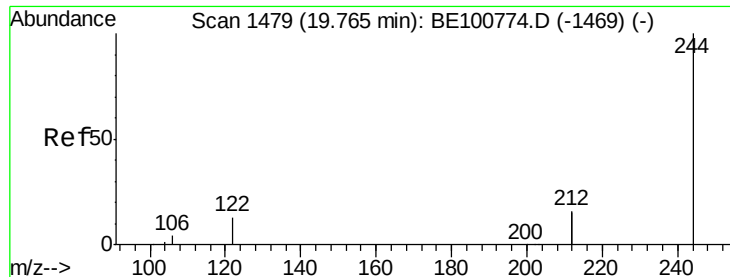


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

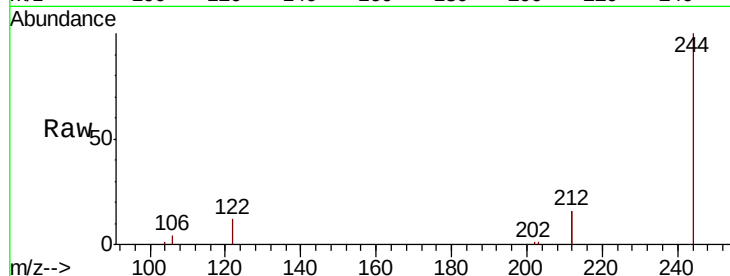
Tot Ion:244 Resp: 25770

Ion Ratio Lower Upper

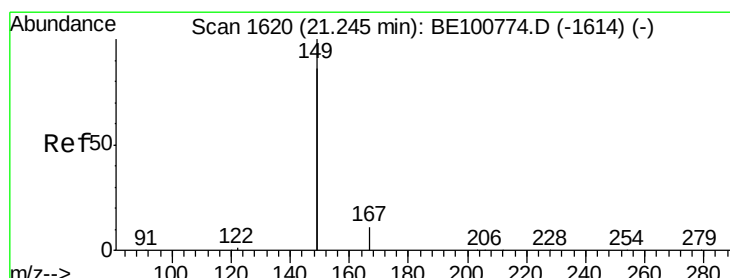
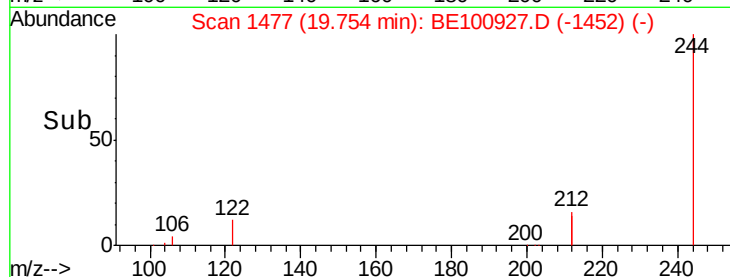
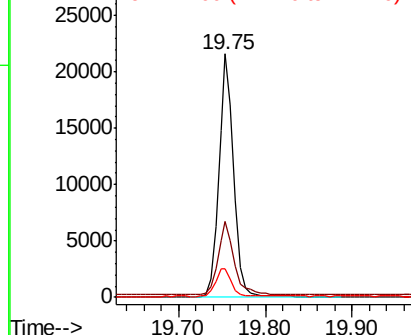
244 100

212 31.3 25.2 37.8

122 12.0 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.805 ng

RT: 21.23 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

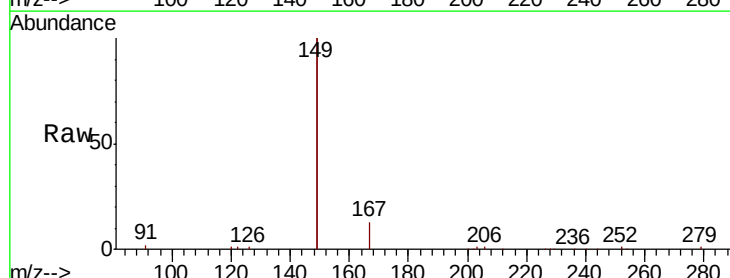
Tgt Ion:149 Resp: 47223

Ion Ratio Lower Upper

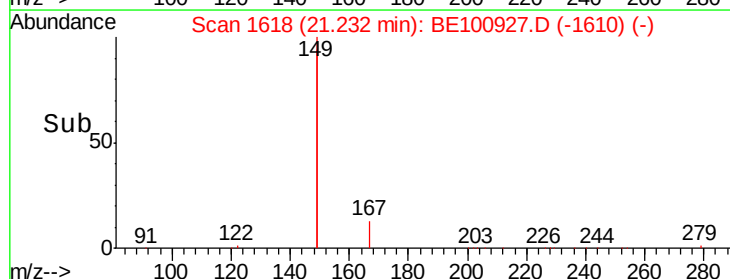
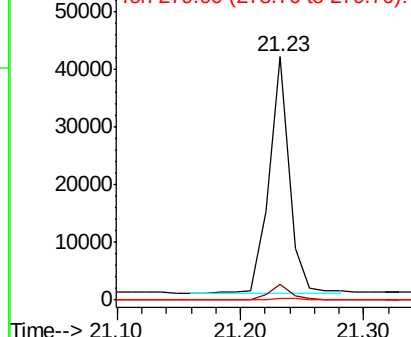
149 100

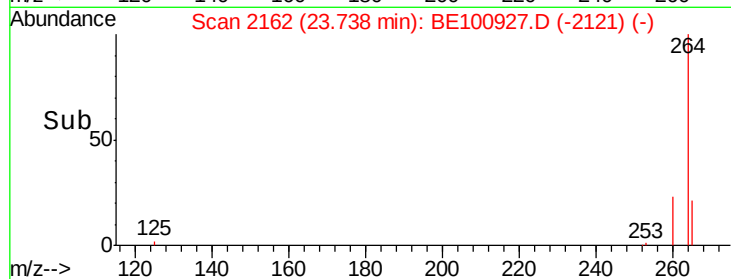
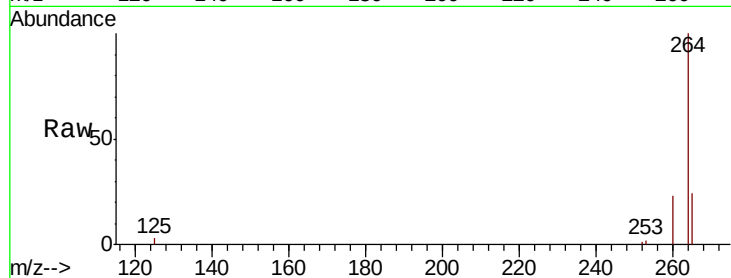
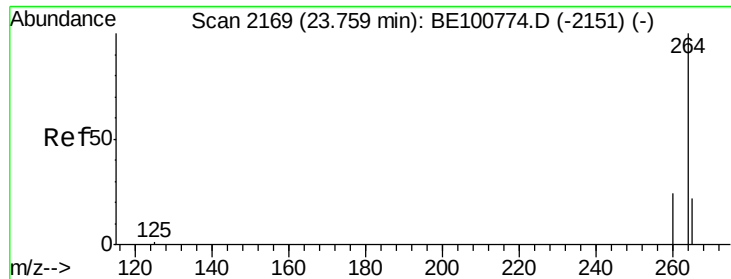
167 6.4 5.0 7.4

279 0.8 0.6 1.0



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: 23.74 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE100927.D

Acq: 16 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

RE120D3-20191210

Tot Ion: 264 Resp: 30922

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 24.2 20.1 30.1

