

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100894.D
 Acq On : 13 Dec 2019 19:35
 Operator : JU
 Sample : K6251-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 03:07:36 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

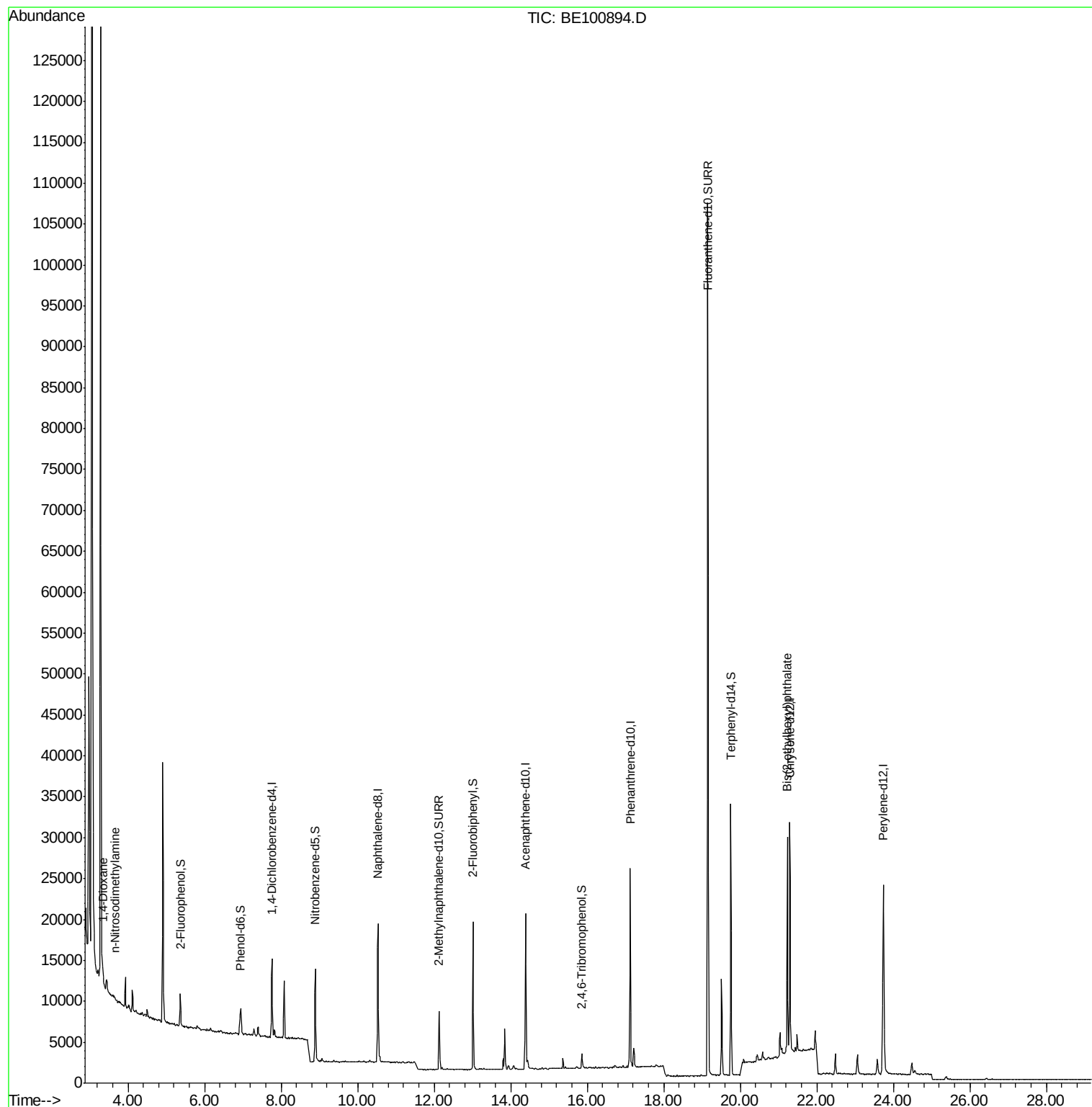
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4462	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20136	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11550	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31093	0.40	ng	0.00
27) Chrysene-d12	21.29	240	29757	0.40	ng	-0.01
34) Perylene-d12	23.74	264	34127	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1854	0.18	ng	0.00
5) Phenol-d6	6.93	99	1814	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	4744	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	10947	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	1047	0.82	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	15797	0.34	ng	0.00
25) Fluoranthene-d10	19.15	212	140068	0.38	ng	0.00
29) Terphenyl-d14	19.75	244	27947	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	1219	0.150	ng	# 59
3) n-Nitrosodimethylamine	3.65	42	221	0.033	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.23	149	29379	0.477	ng	97

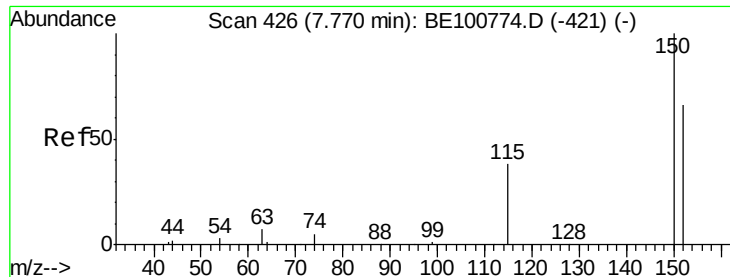
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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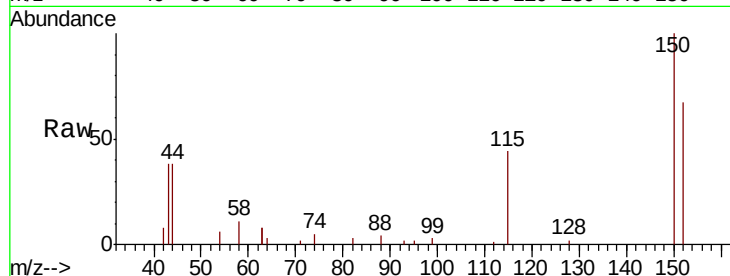


#1

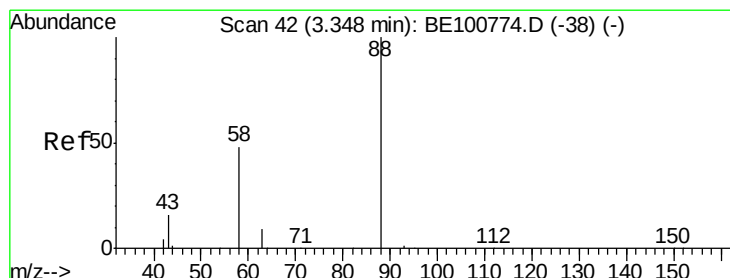
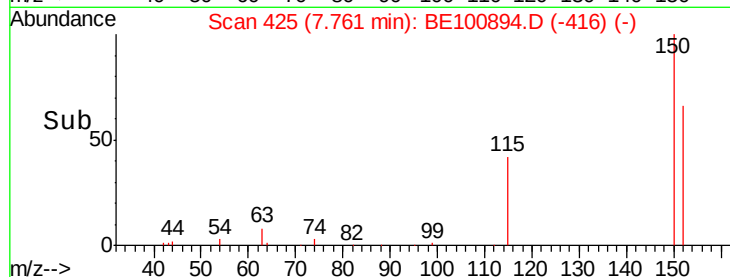
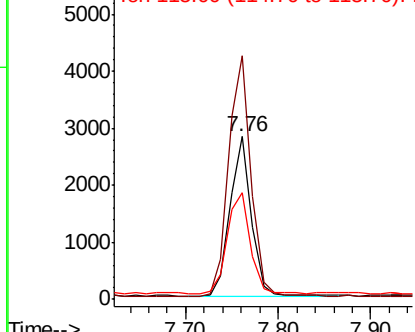
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4462
Ion Ratio Lower Upper
152 100
150 149.8 125.5 188.3
115 65.8 55.7 83.5



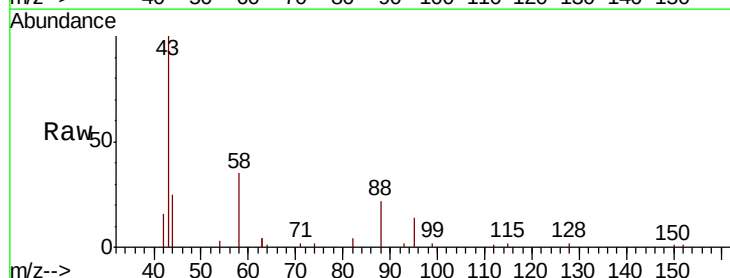
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



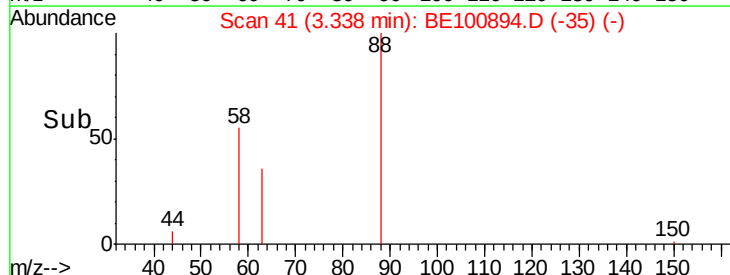
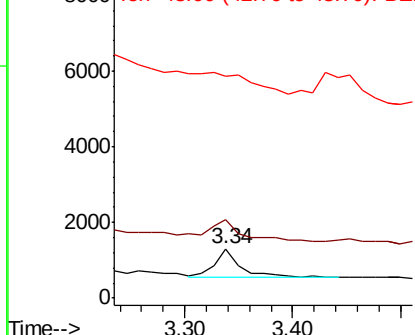
#2

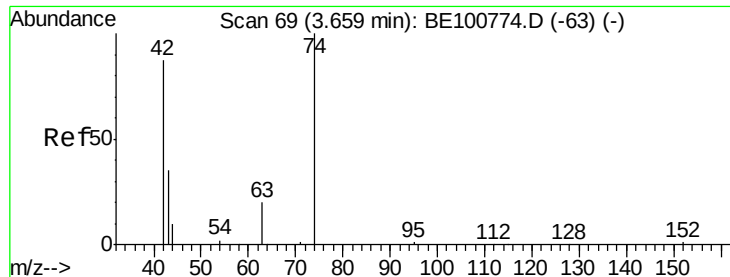
1,4-Dioxane
Concen: 0.150 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Tgt Ion: 88 Resp: 1219
Ion Ratio Lower Upper
88 100
58 93.2 52.3 78.5#
43 0.0 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



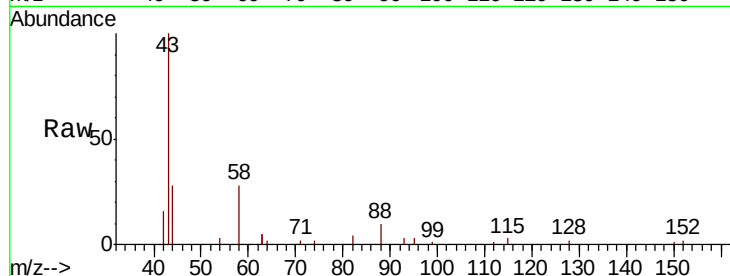


#3

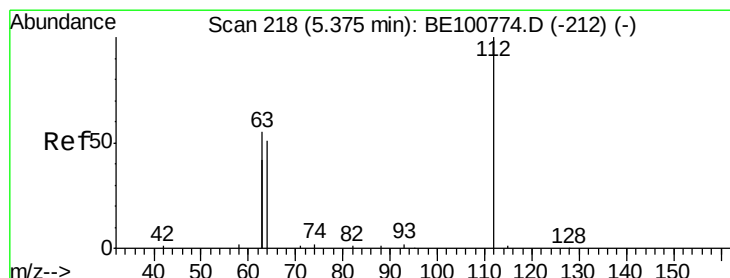
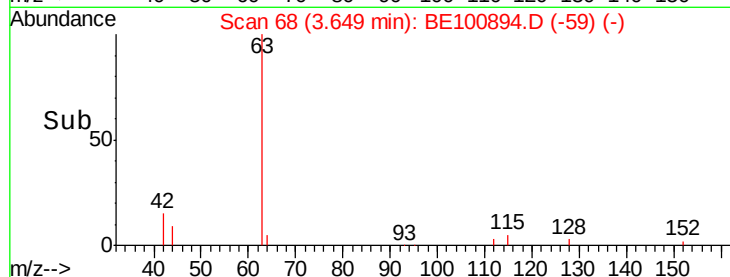
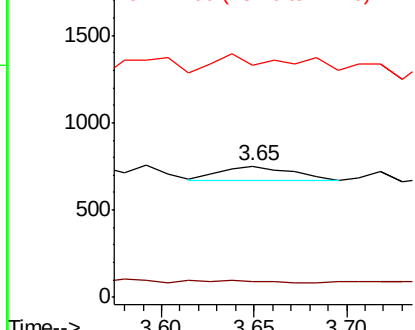
n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 221
Ion Ratio Lower Upper
42 100
74 0.0 90.3 135.5#
44 274.7 9.0 13.4#



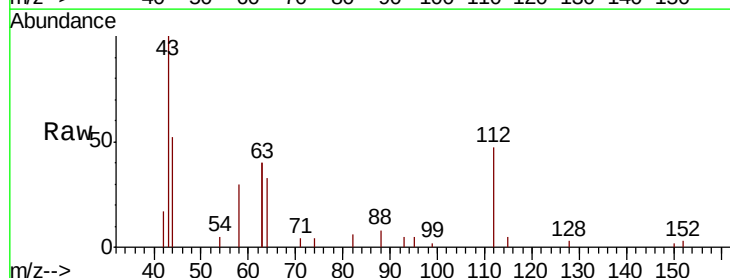
Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



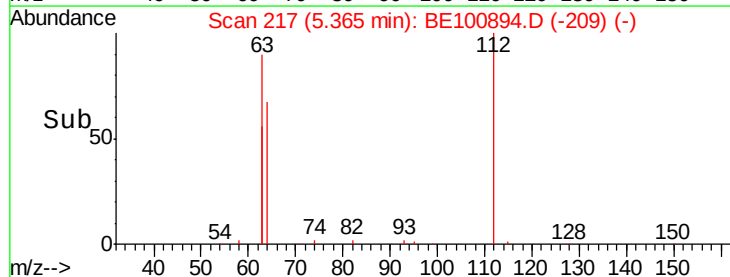
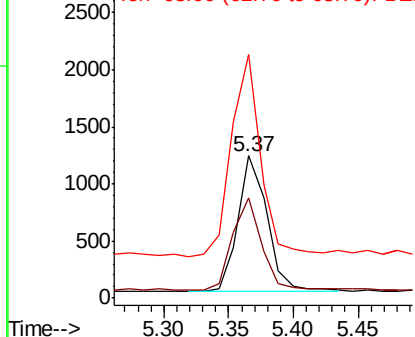
#4

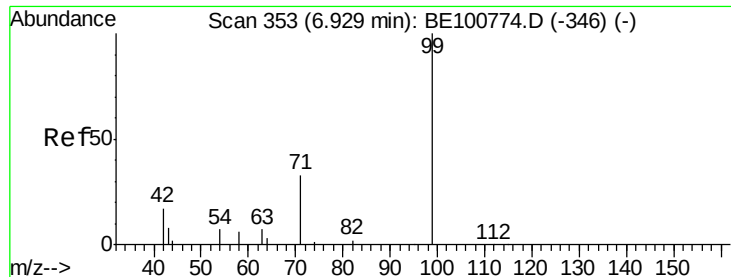
2-Fluorophenol
Concen: 0.175 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Tgt Ion: 112 Resp: 1854
Ion Ratio Lower Upper
112 100
64 66.2 54.5 81.7
63 152.0 116.1 174.1



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: 0.113 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100894.D

Acq: 13 Dec 2019 19:35

Instrument :

BNA_E

ClientSampleId :

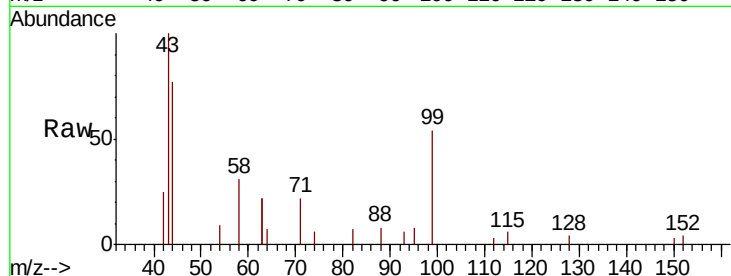
Tot Ion: 99 Resp: 1814

Ion Ratio Lower Upper

99 100

42 35.7 18.2 27.2#

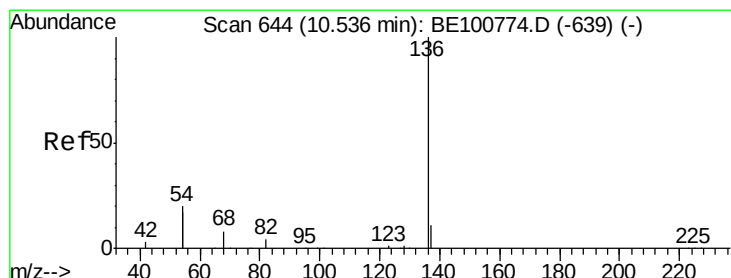
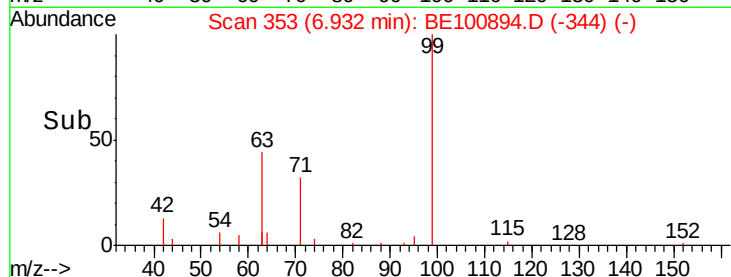
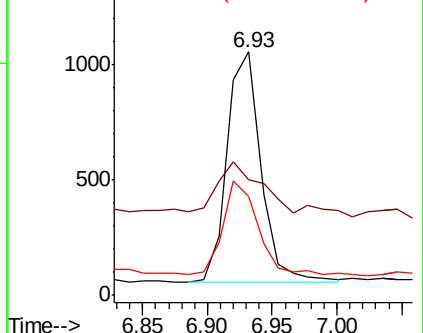
71 44.4 29.1 43.7#



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: BE100894.D

Acq: 13 Dec 2019 19:35

Tgt Ion: 136 Resp: 20136

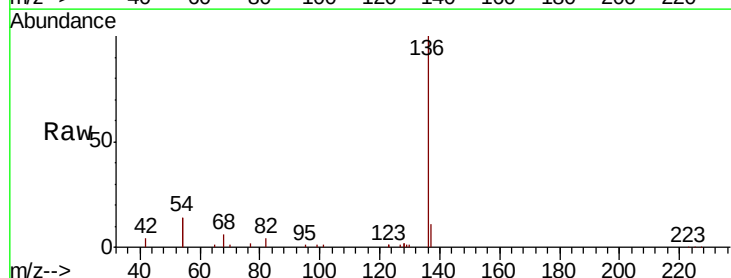
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 27.4 18.9 28.3

68 6.5 4.6 6.8

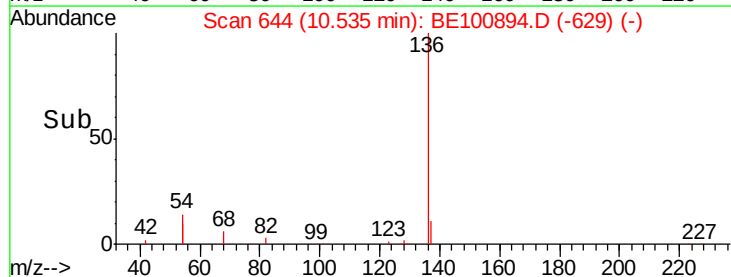
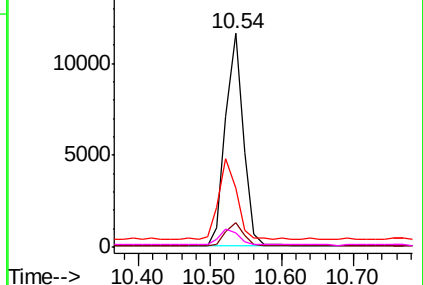


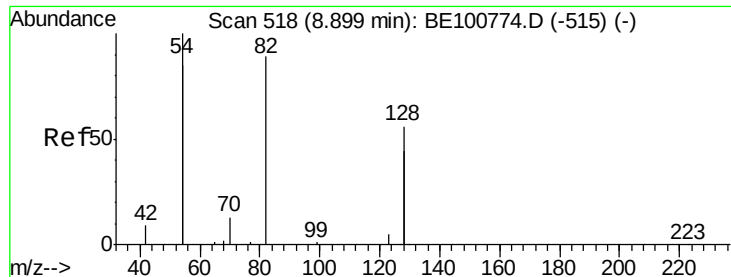
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.495 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100894.D

Acq: 13 Dec 2019 19:35

Instrument :

BNA_E

ClientSampleId :

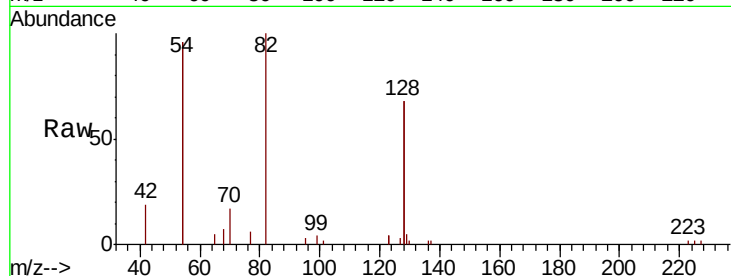
Tot Ion: 82 Resp: 4744

Ion Ratio Lower Upper

82 100

128 136.2 113.5 170.3

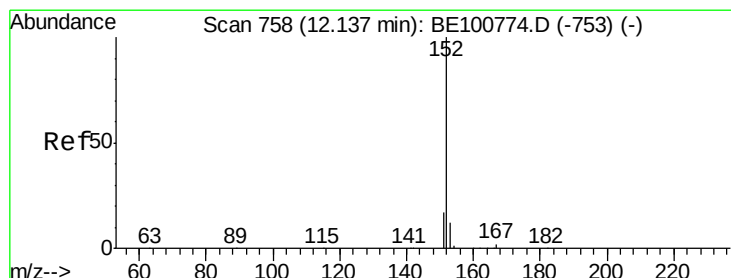
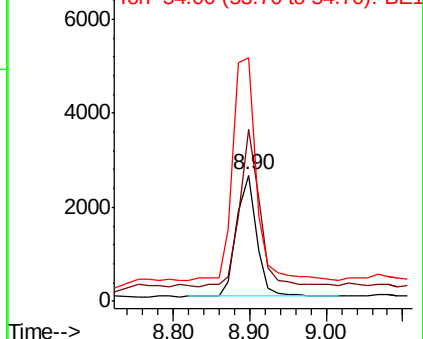
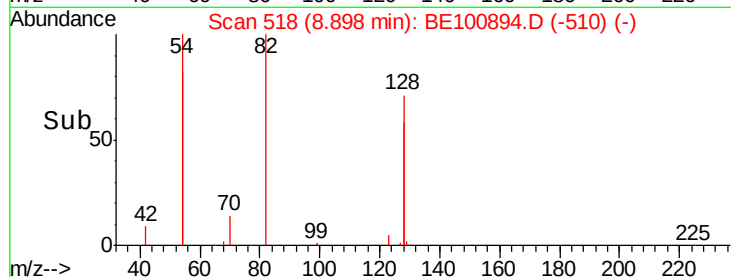
54 192.6 138.9 208.3



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: 0.375 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100894.D

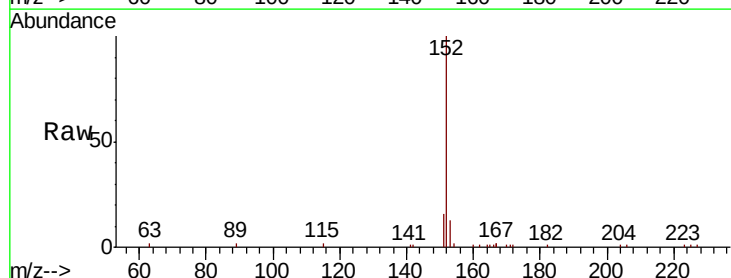
Acq: 13 Dec 2019 19:35

Tgt Ion: 152 Resp: 10947

Ion Ratio Lower Upper

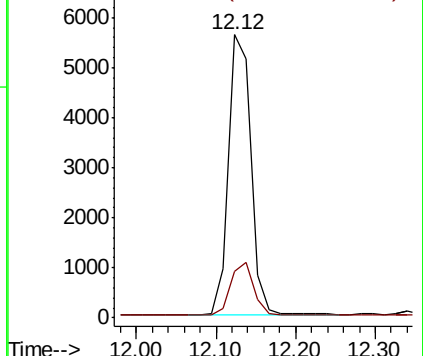
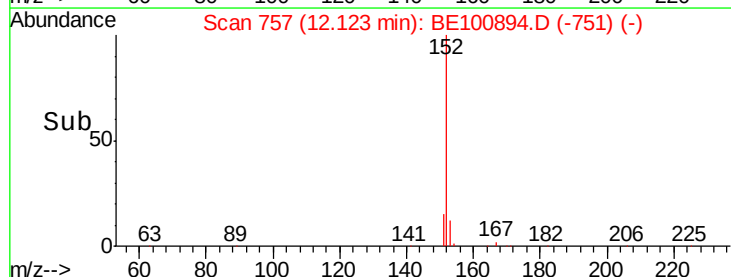
152 100

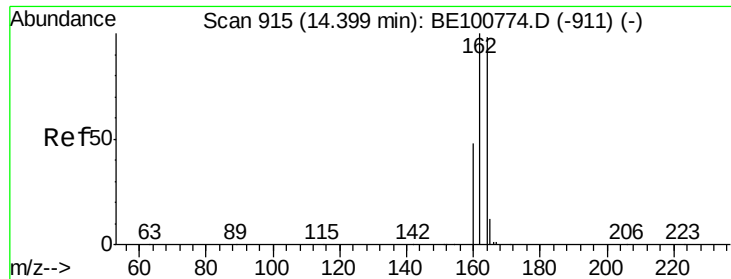
151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

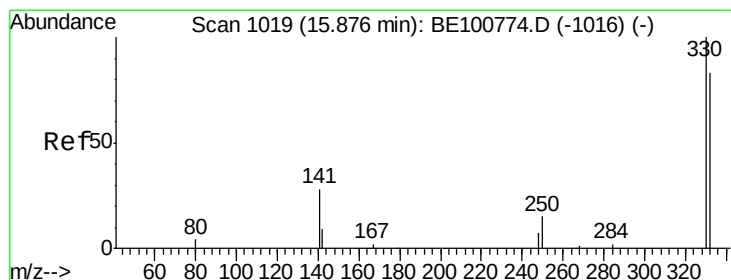
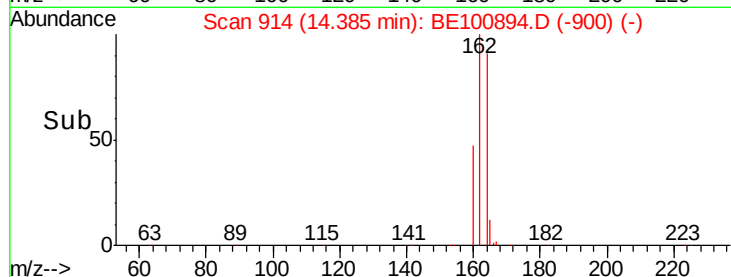
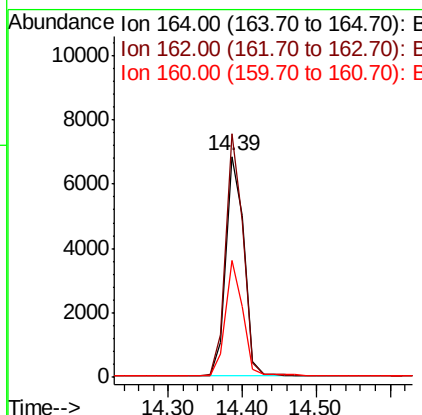
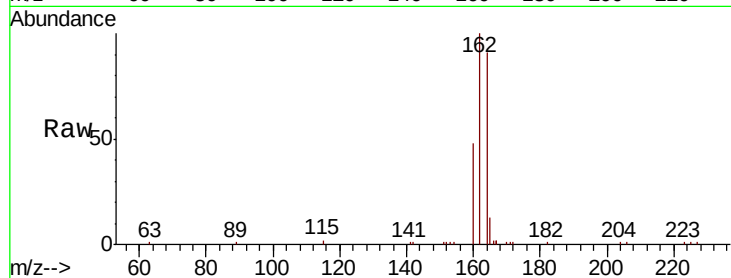




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

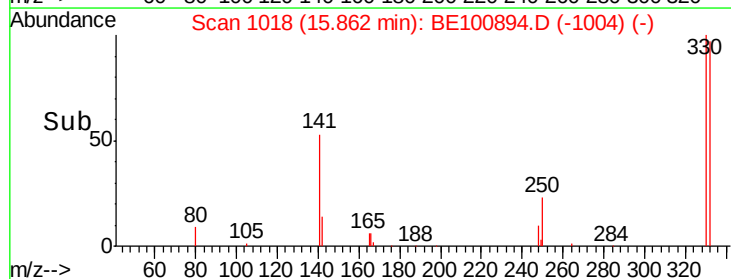
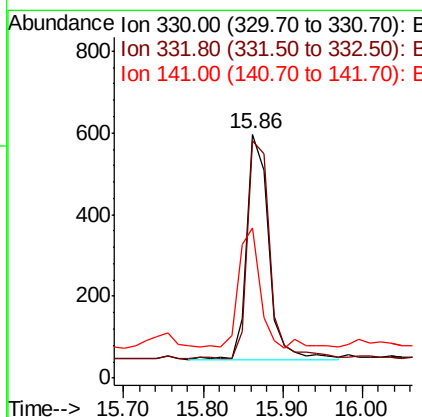
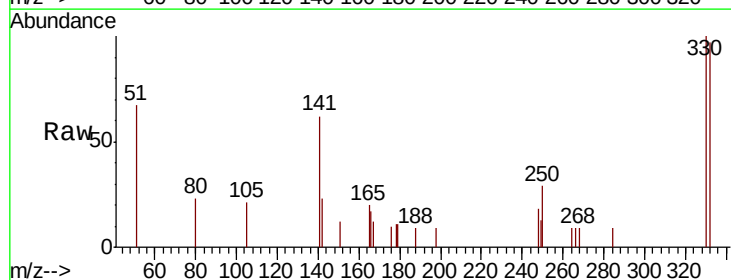
Instrument :
BNA_E
ClientSampleId :

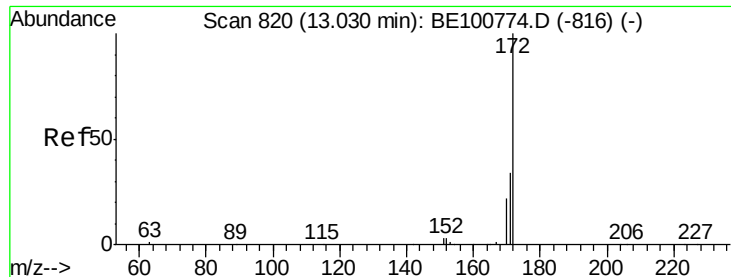
Tot Ion:164 Resp: 11550
Ion Ratio Lower Upper
164 100
162 110.1 86.0 129.0
160 52.7 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.815 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Tgt Ion:330 Resp: 1047
Ion Ratio Lower Upper
330 100
332 99.2 74.1 111.1
141 51.6 46.7 70.1

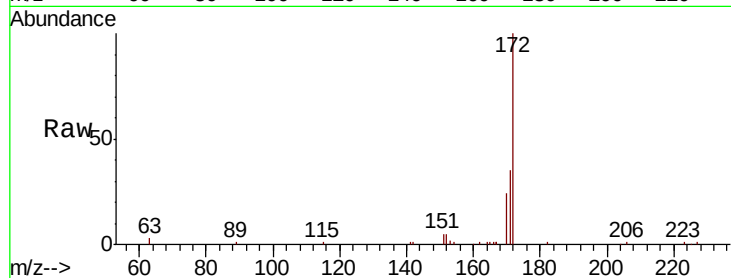




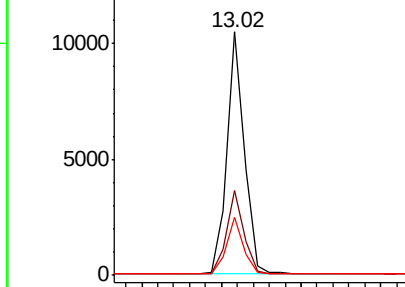
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Instrument :
BNA_E
ClientSampleId :

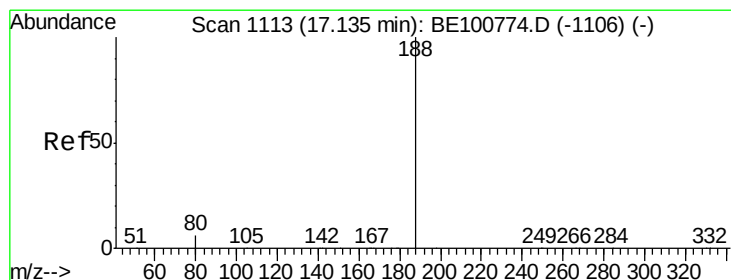
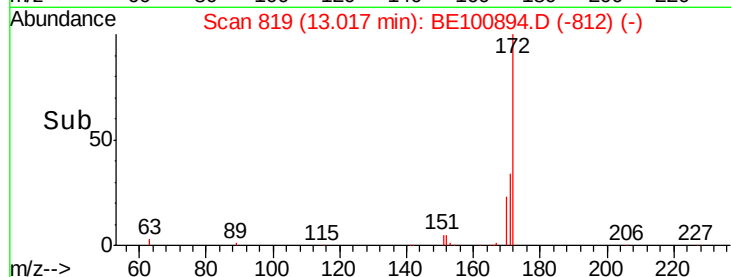
Tot Ion:172 Resp: 15797
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.6 19.4 29.0



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

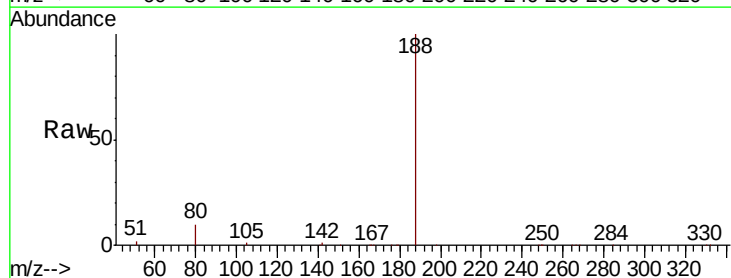


Time--> 12.90 13.00 13.10 13.20

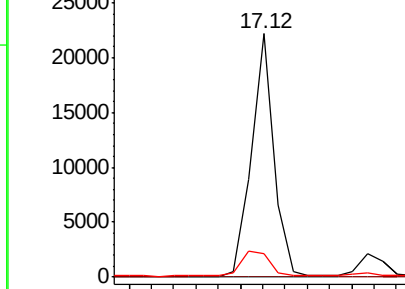


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

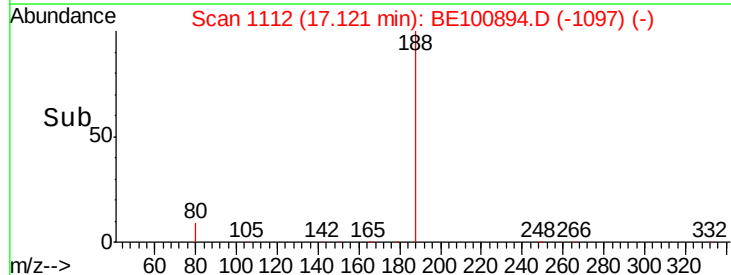
Tgt Ion:188 Resp: 31093
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.9 11.9

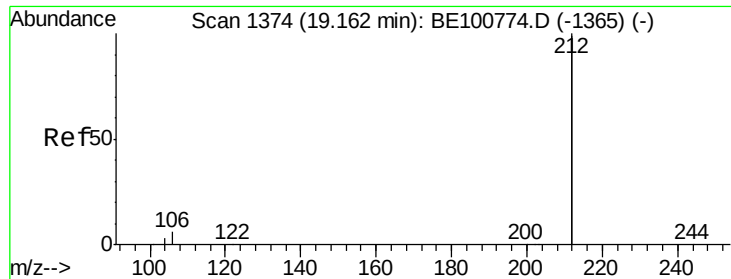


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1



Time--> 17.00 17.10 17.20





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100894.D

Acq: 13 Dec 2019 19:35

Instrument :

BNA_E

ClientSampleId :

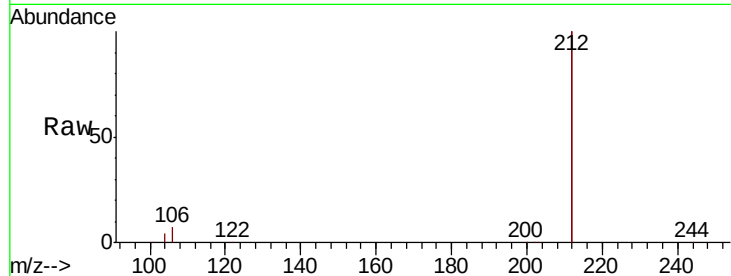
Tot Ion:212 Resp: 140068

Ion Ratio Lower Upper

212 100

106 3.5 2.6 4.0

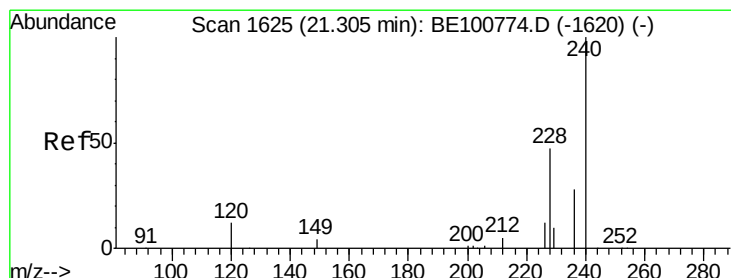
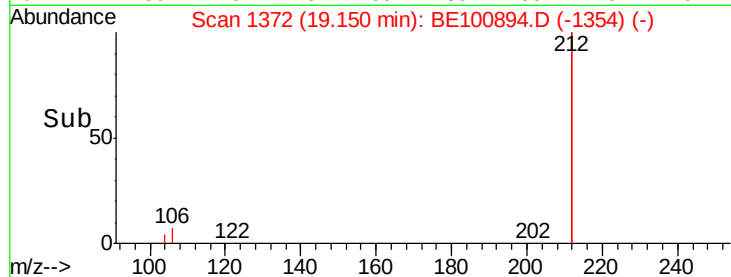
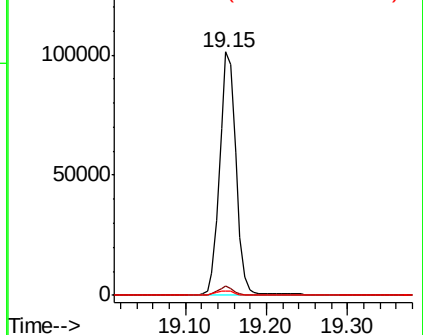
104 1.9 1.4 2.2



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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100894.D

Acq: 13 Dec 2019 19:35

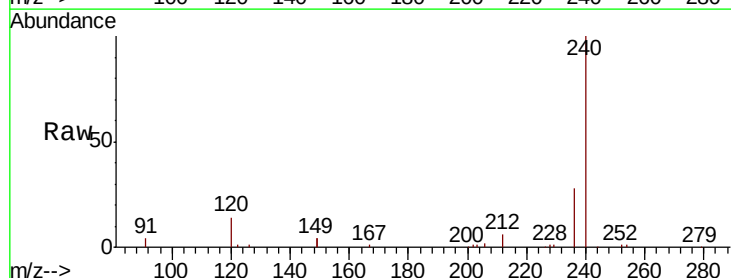
Tgt Ion:240 Resp: 29757

Ion Ratio Lower Upper

240 100

120 14.3 4.0 6.0#

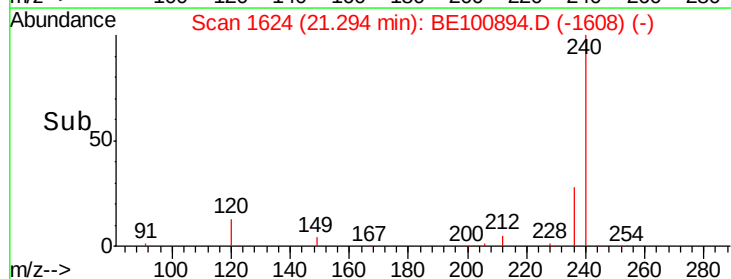
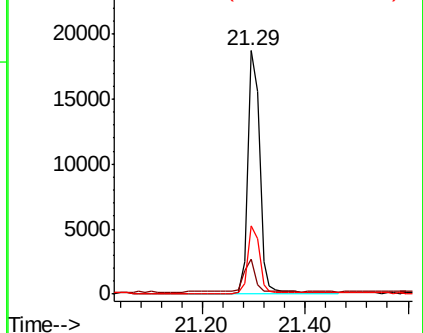
236 28.0 21.6 32.4

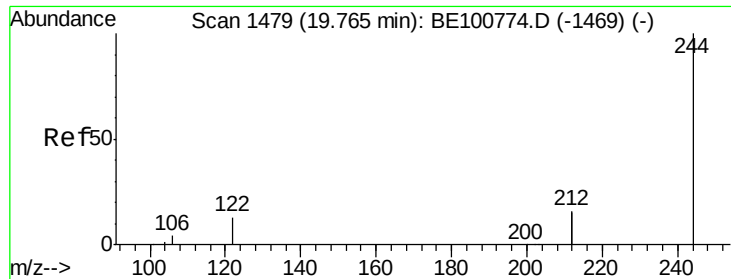


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

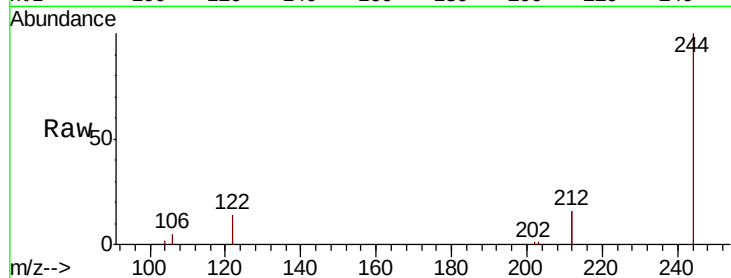
Lab File: BE100894.D

Acq: 13 Dec 2019 19:35

Instrument :

BNA_E

ClientSampled :



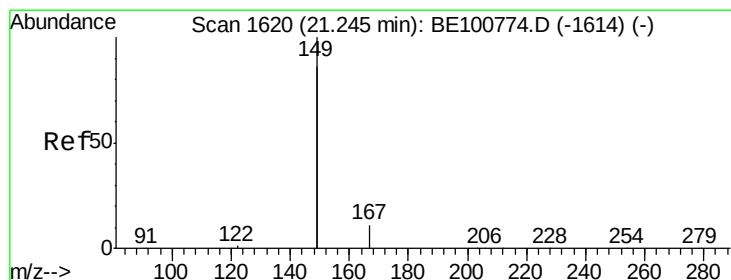
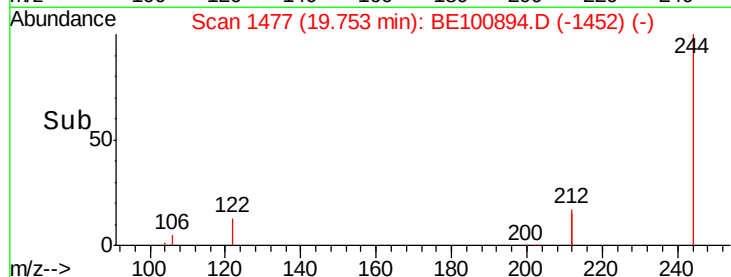
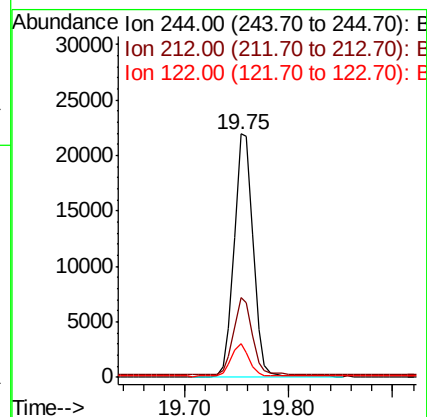
Tot Ion:244 Resp: 27947

Ion Ratio Lower Upper

244 100

212 33.0 25.2 37.8

122 13.7 8.9 13.3#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.477 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100894.D

Acq: 13 Dec 2019 19:35

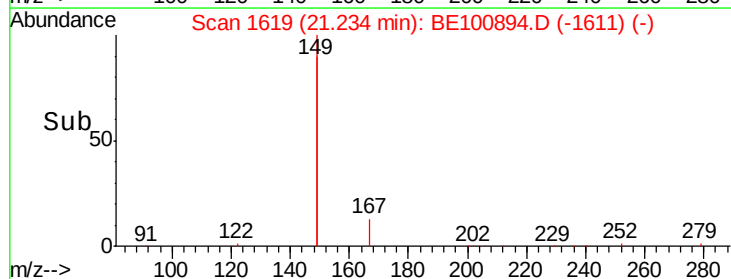
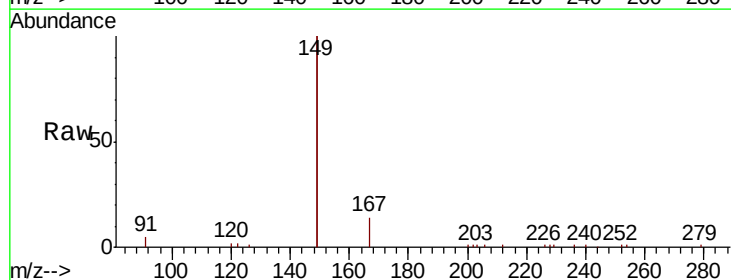
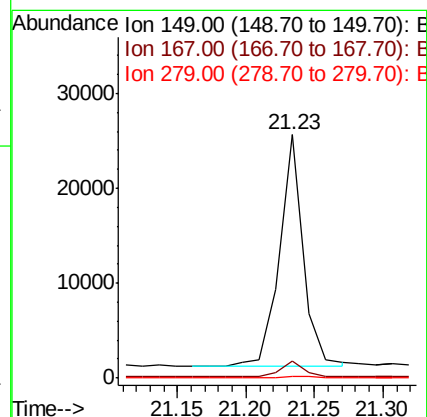
Tgt Ion:149 Resp: 29379

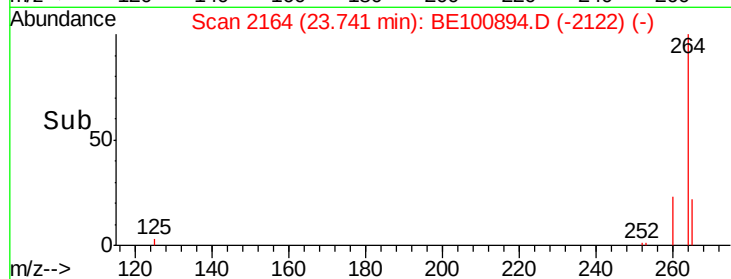
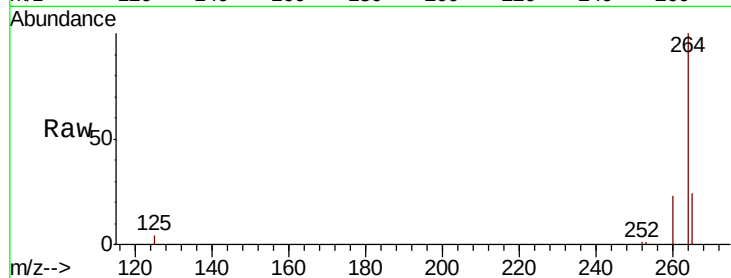
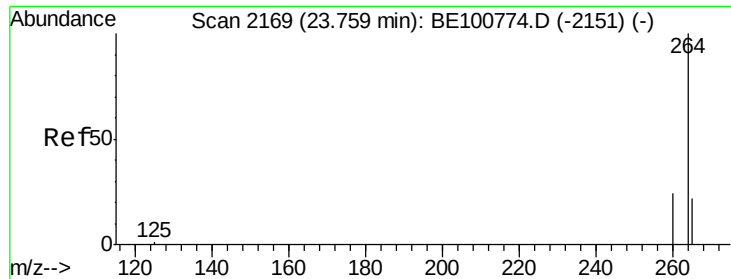
Ion Ratio Lower Upper

149 100

167 7.3 5.0 7.4

279 0.8 0.6 1.0





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100894.D
Acq: 13 Dec 2019 19:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	24.2	20.1	30.1

