

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100882.D
 Acq On : 13 Dec 2019 12:10
 Operator : JU
 Sample : K6185-04DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

Quant Time: Dec 13 12:54:01 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

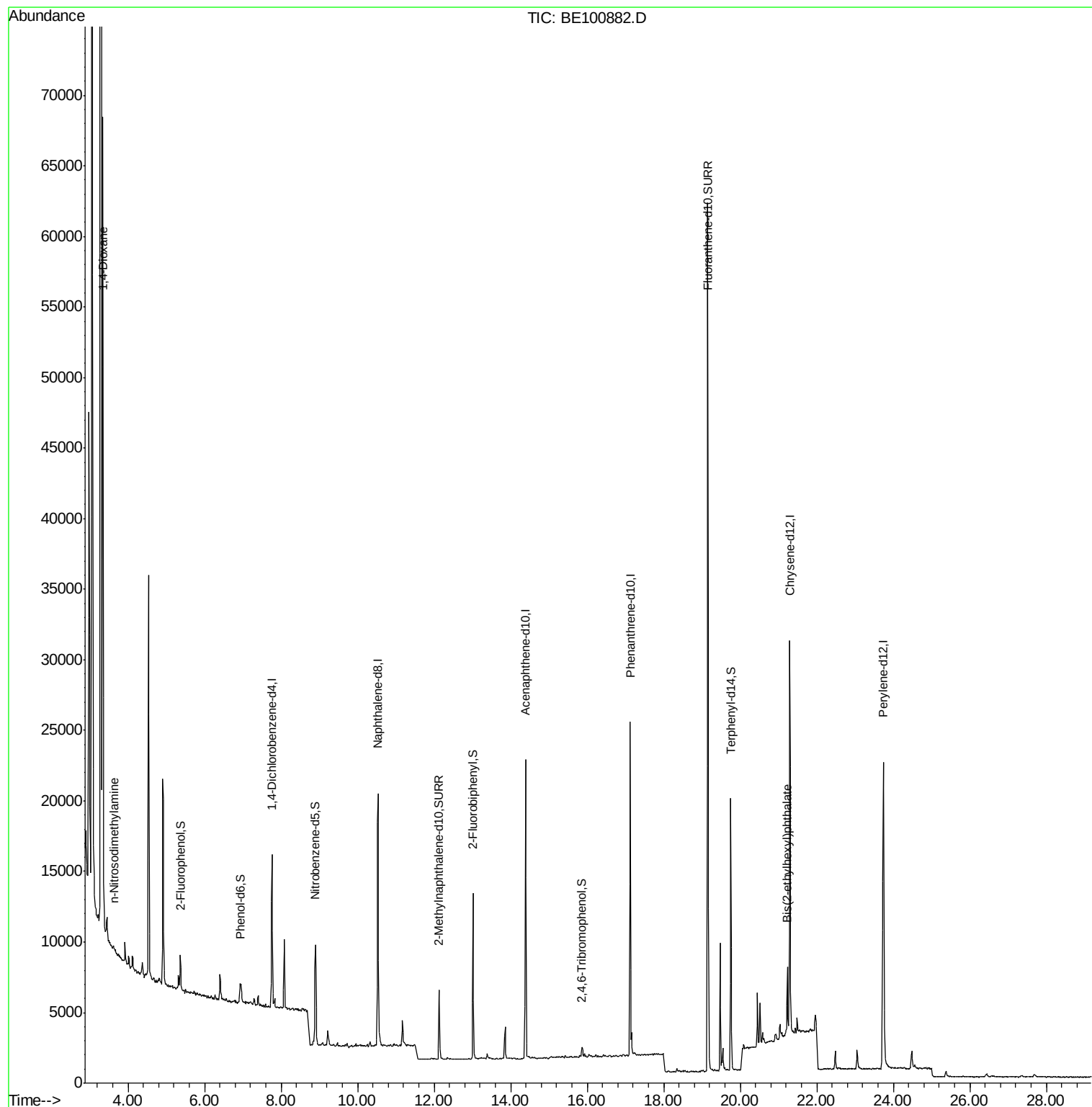
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4761	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21386	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12428	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30777	0.40	ng	0.00
27) Chrysene-d12	21.29	240	28645	0.40	ng	-0.01
34) Perylene-d12	23.74	264	33372	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1223	0.11	ng	-0.01
5) Phenol-d6	6.93	99	1166	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	3098	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	7192	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	407	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	10138	0.21	ng	0.00
25) Fluoranthene-d10	19.15	212	79277	0.22	ng	0.00
29) Terphenyl-d14	19.75	244	16353	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	36590	4.215	ng	Qvalue 90
3) n-Nitrosodimethylamine	3.62	42	227	0.032	ng	# 12
32) Bis(2-ethylhexyl)phthalate	21.23	149	5493	0.029	ng	# 93

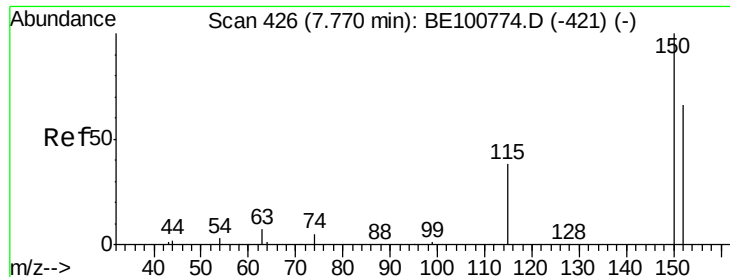
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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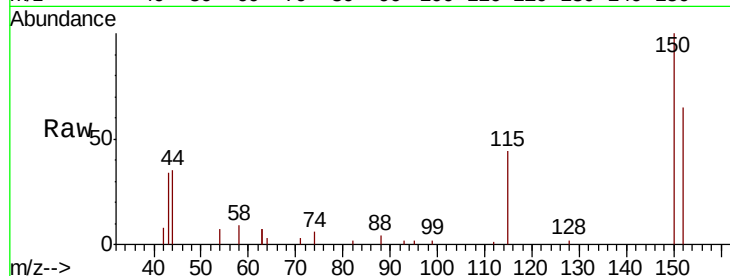


#1

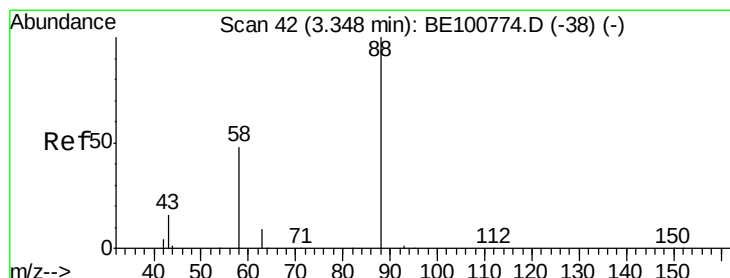
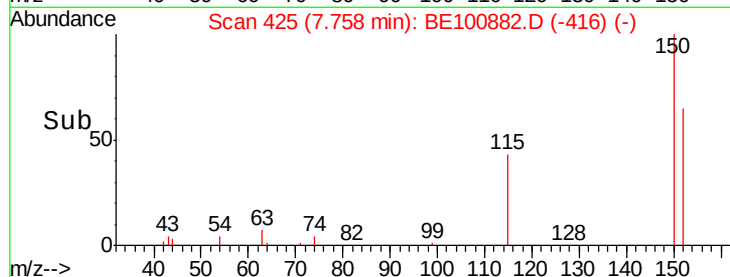
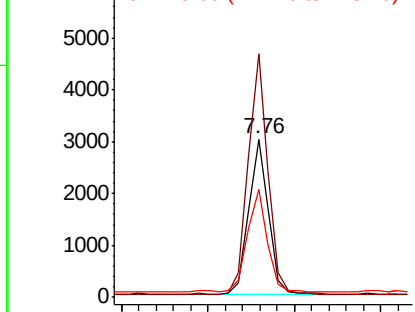
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100882.D
Acq: 13 Dec 2019 12:10

Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204DL

Tot Ion:152 Resp: 4761
Ion Ratio Lower Upper
152 100
150 153.7 125.5 188.3
115 68.4 55.7 83.5



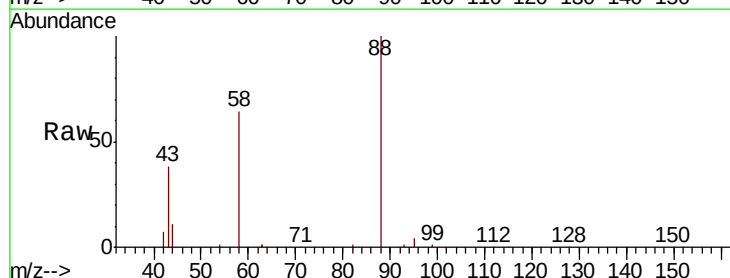
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



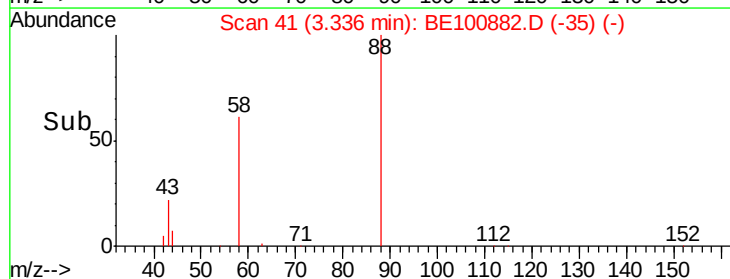
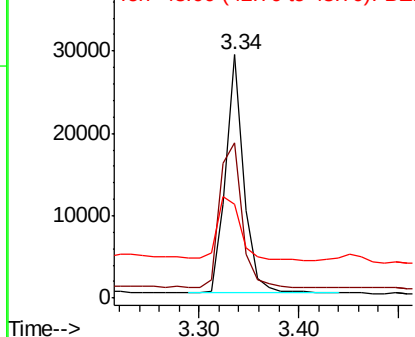
#2

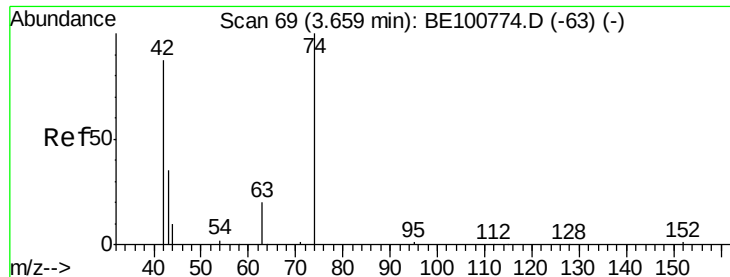
1,4-Dioxane
Concen: 4.215 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100882.D
Acq: 13 Dec 2019 12:10

Tgt Ion: 88 Resp: 36590
Ion Ratio Lower Upper
88 100
58 74.2 52.3 78.5
43 33.0 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: 0.032 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

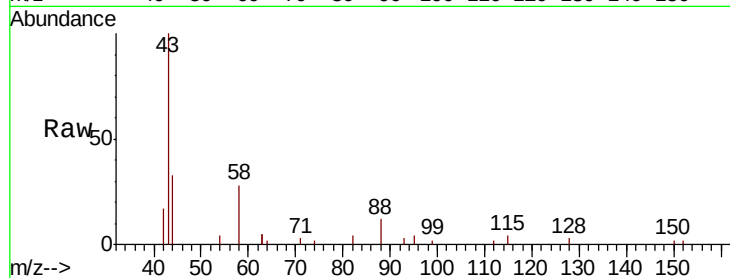
Tot Ion: 42 Resp: 227

Ion Ratio Lower Upper

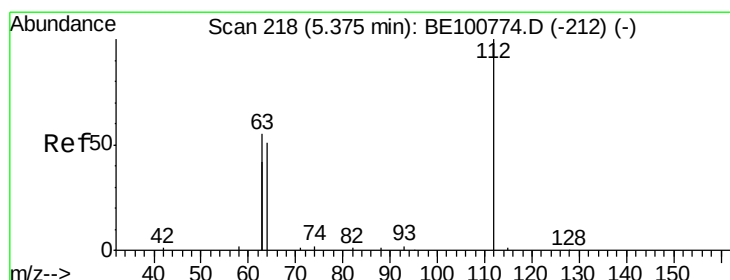
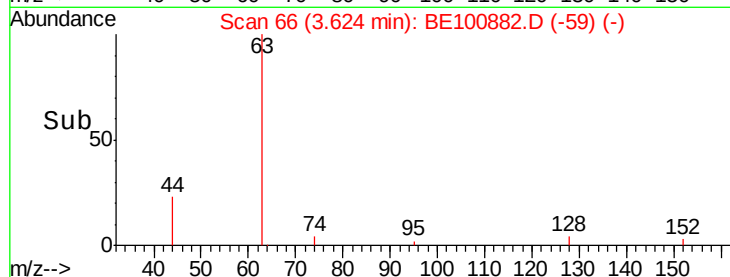
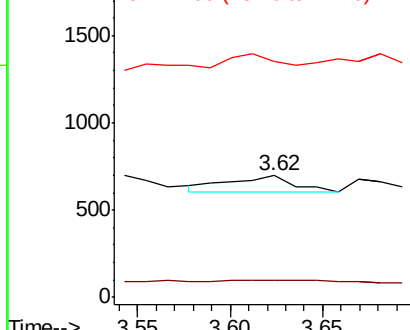
42 100

74 22.5 90.3 135.5#

44 58.6 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: 0.108 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

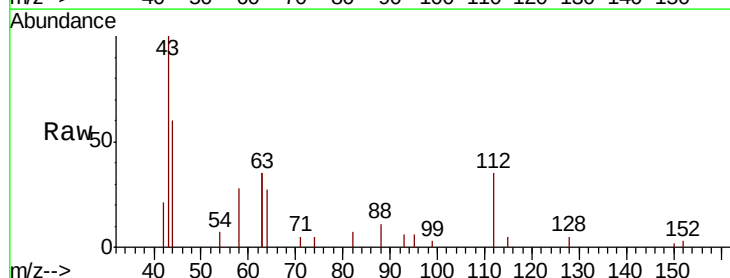
Tgt Ion: 112 Resp: 1223

Ion Ratio Lower Upper

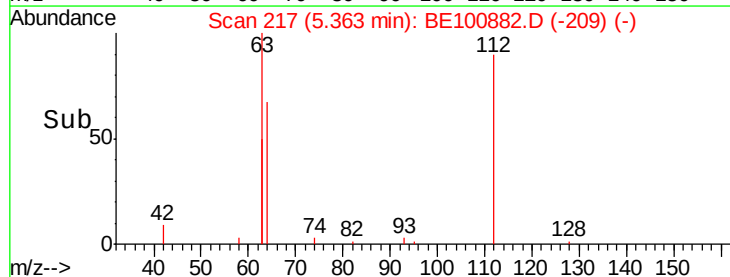
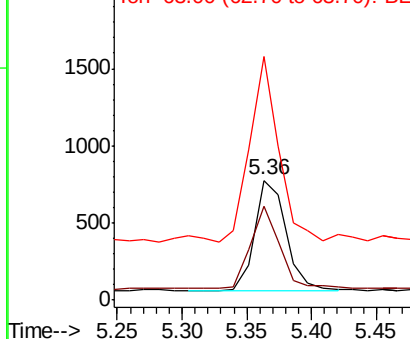
112 100

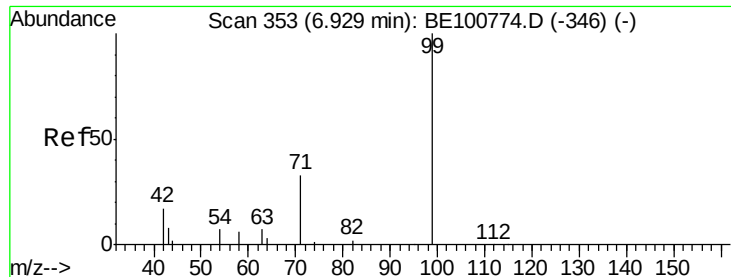
64 69.6 54.5 81.7

63 155.6 116.1 174.1



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: 0.068 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

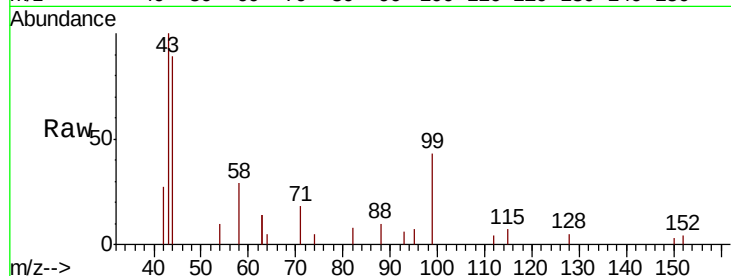
Tot Ion: 99 Resp: 1166

Ion Ratio Lower Upper

99 100

42 29.8 18.2 27.2#

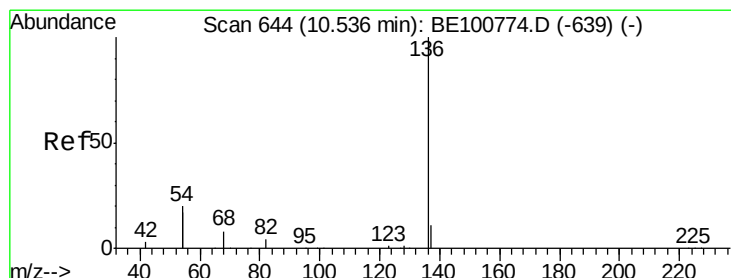
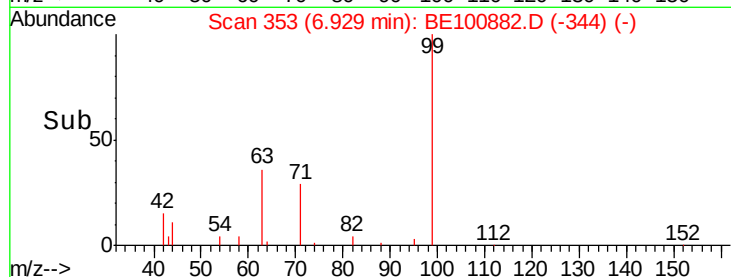
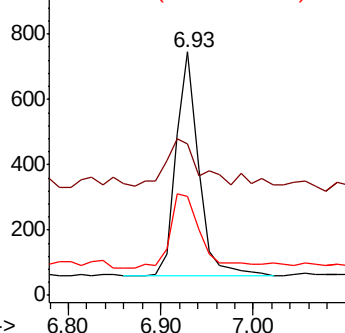
71 44.2 29.1 43.7#



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: BE100882.D

Acq: 13 Dec 2019 12:10

Tgt Ion: 136 Resp: 21386

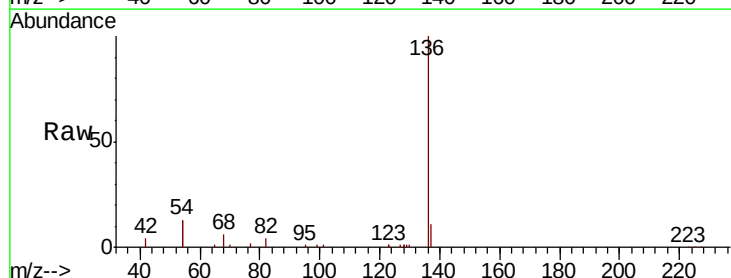
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 25.3 18.9 28.3

68 6.1 4.6 6.8

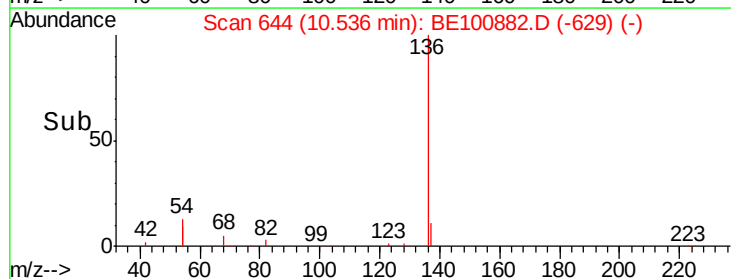
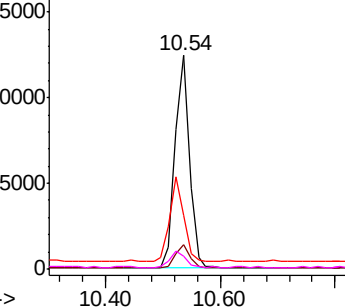


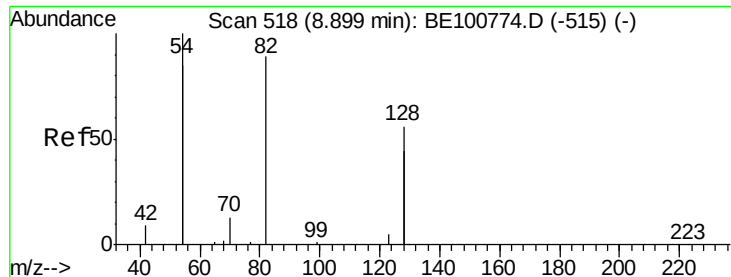
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

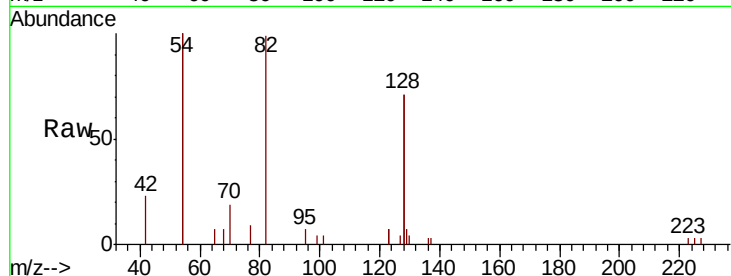
Tot Ion: 82 Resp: 3098

Ion Ratio Lower Upper

82 100

128 143.4 113.5 170.3

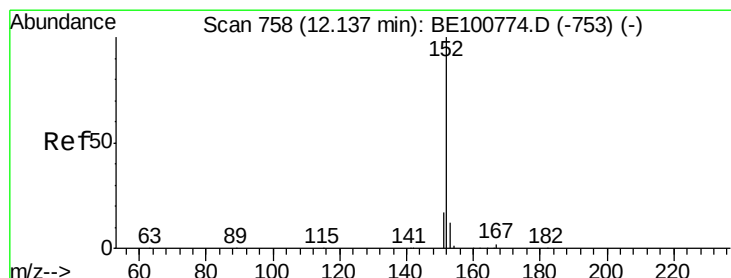
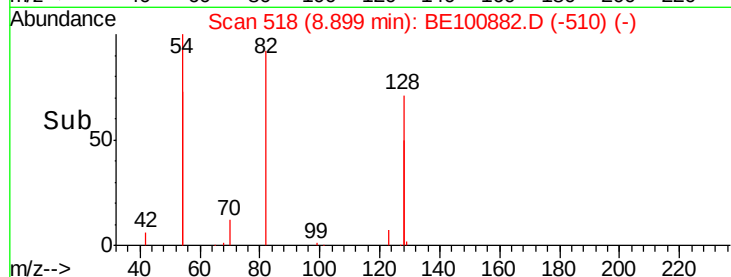
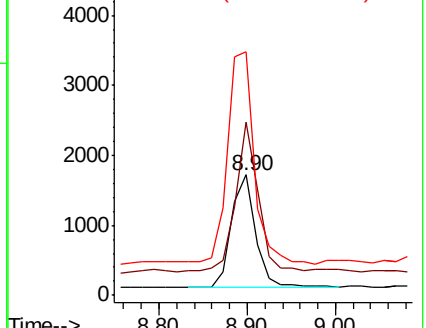
54 201.7 138.9 208.3



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: 0.232 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100882.D

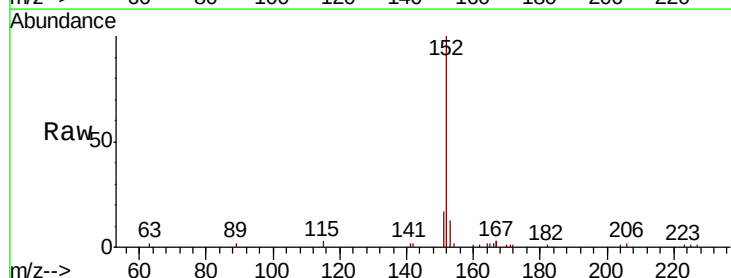
Acq: 13 Dec 2019 12:10

Tgt Ion: 152 Resp: 7192

Ion Ratio Lower Upper

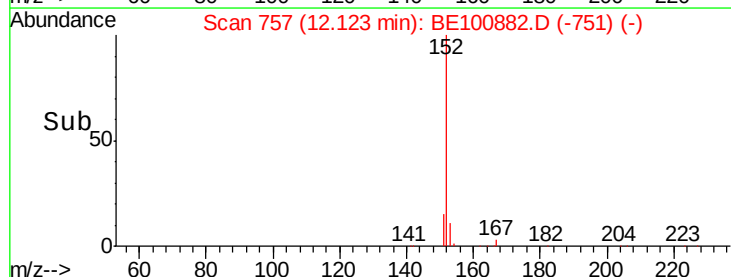
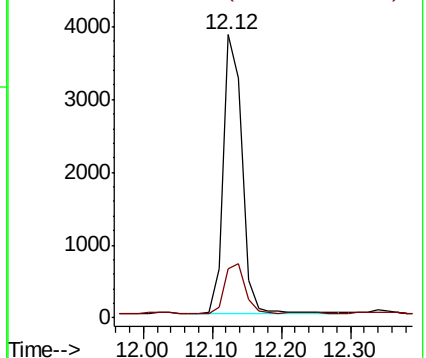
152 100

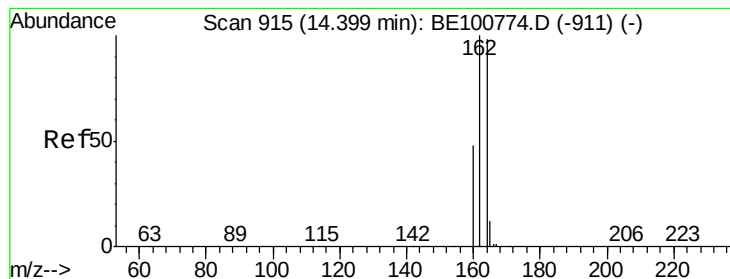
151 19.5 15.1 22.7



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: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

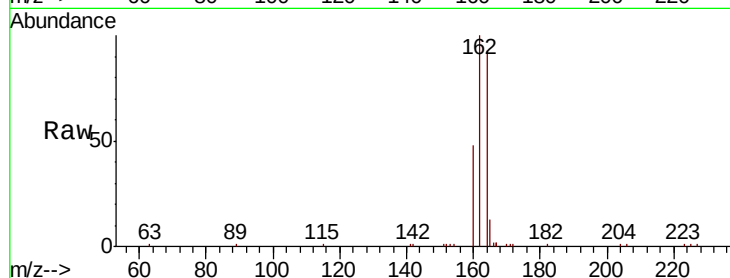
Tot Ion:164 Resp: 12428

Ion Ratio Lower Upper

164 100

162 108.0 86.0 129.0

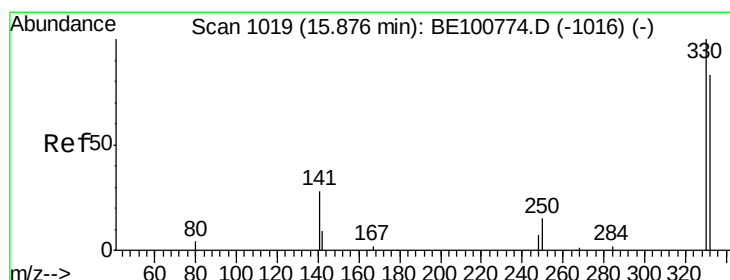
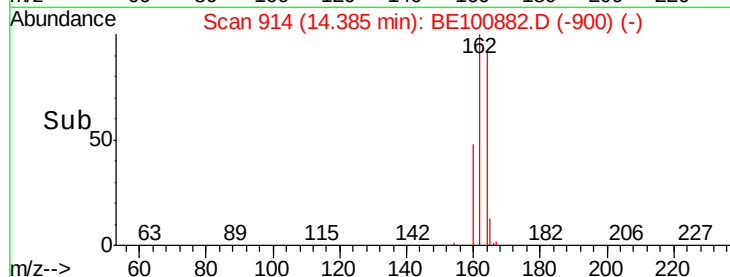
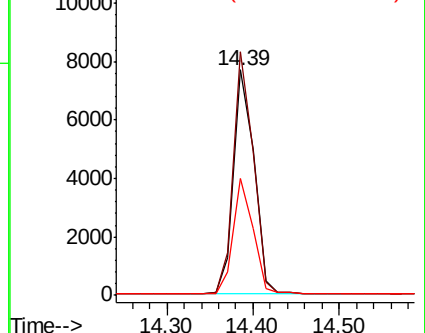
160 52.0 42.3 63.5



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: 0.294 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

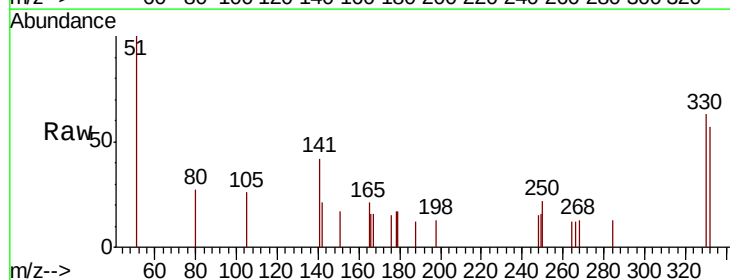
Tgt Ion:330 Resp: 407

Ion Ratio Lower Upper

330 100

332 99.8 74.1 111.1

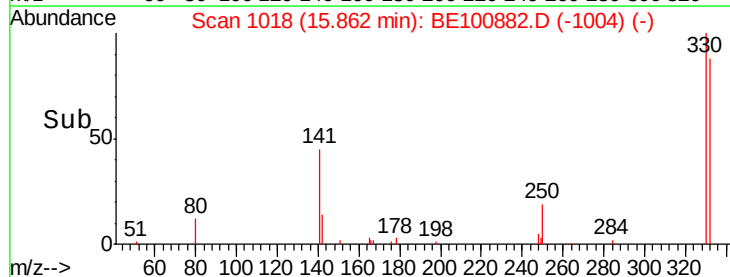
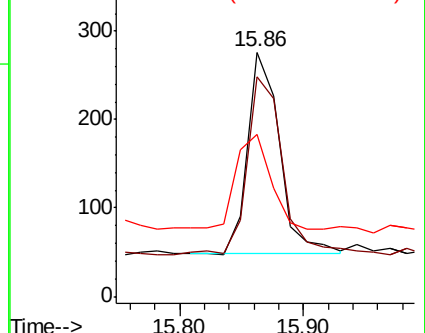
141 52.8 46.7 70.1

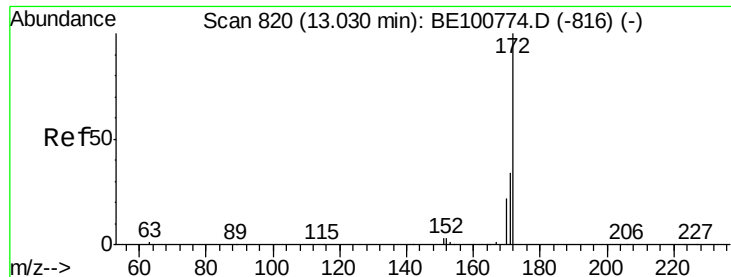


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

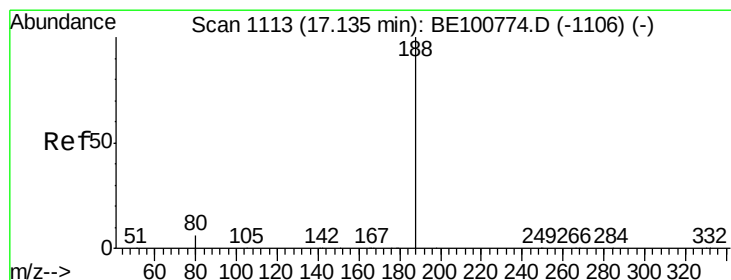
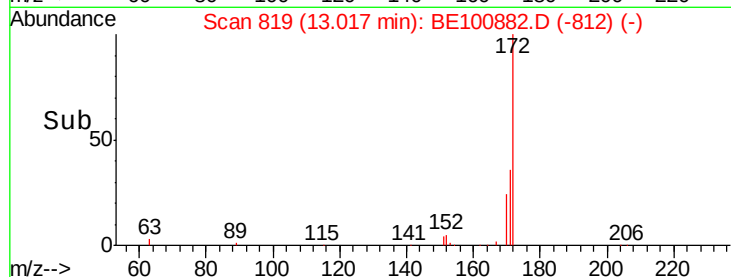
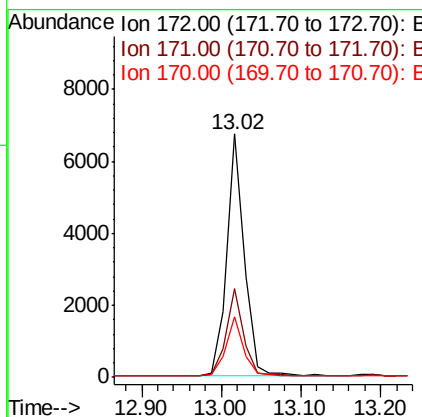
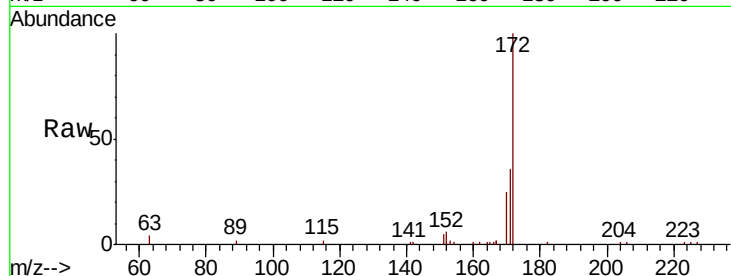




#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100882.D
Acq: 13 Dec 2019 12:10

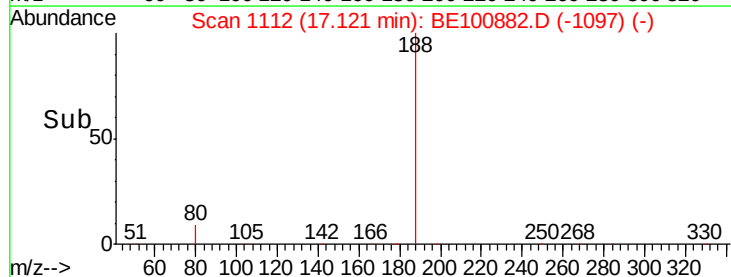
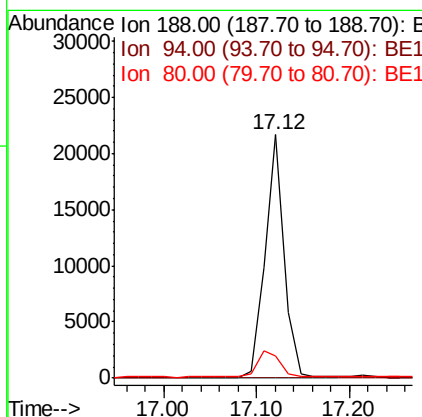
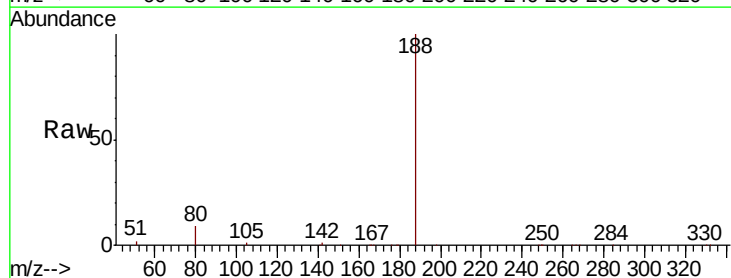
Instrument :
BNA_E
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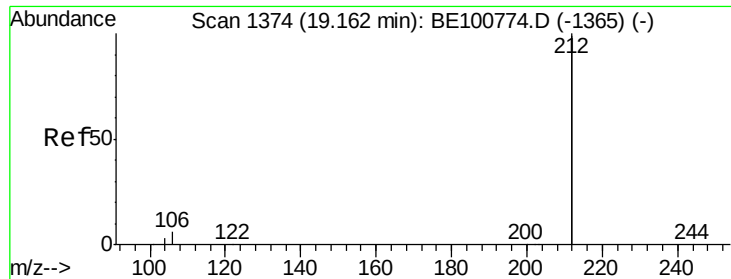
Tot Ion:172 Resp: 10138
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 24.8 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100882.D
Acq: 13 Dec 2019 12:10

Tgt Ion:188 Resp: 30777
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.218 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

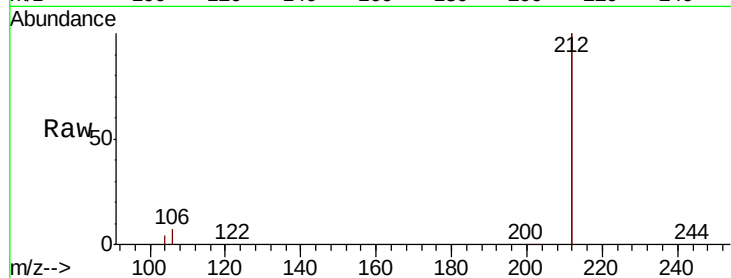
Instrument :

BNA_E

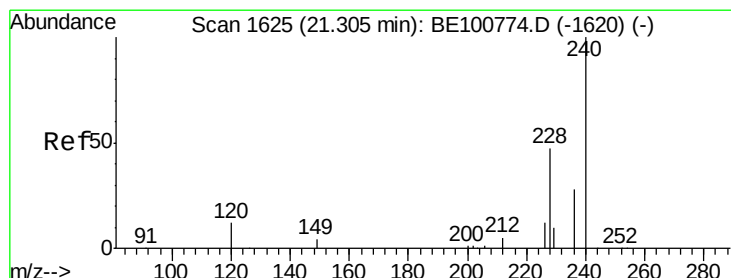
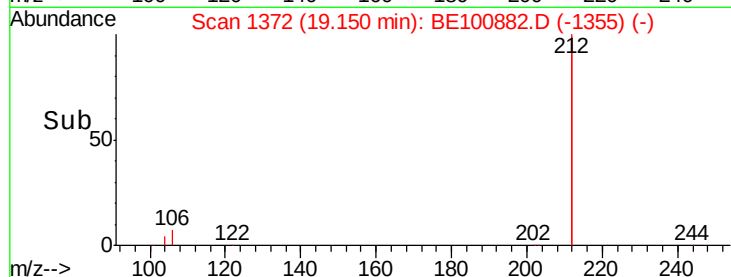
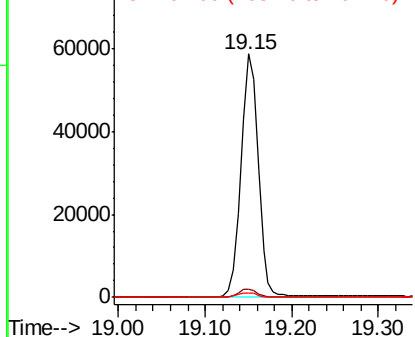
ClientSampleId :

RE134D3-20191204DL

Tot Ion:212	Resp:	79277
Ion Ratio	Lower	Upper
212	100	
106	3.4	2.6 4.0
104	2.0	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

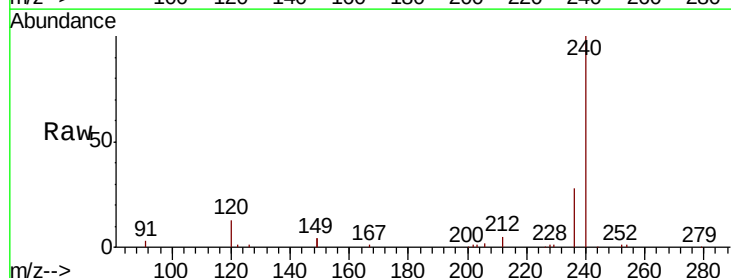
RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

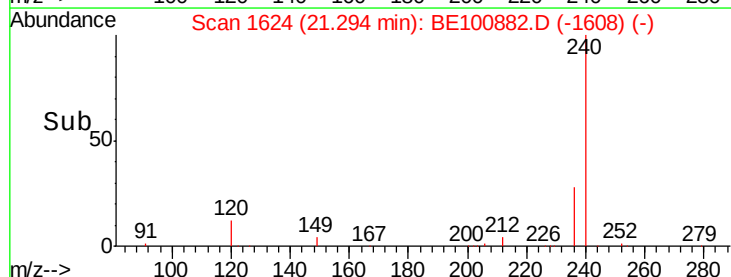
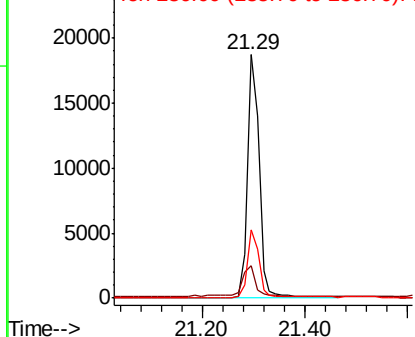
Lab File: BE100882.D

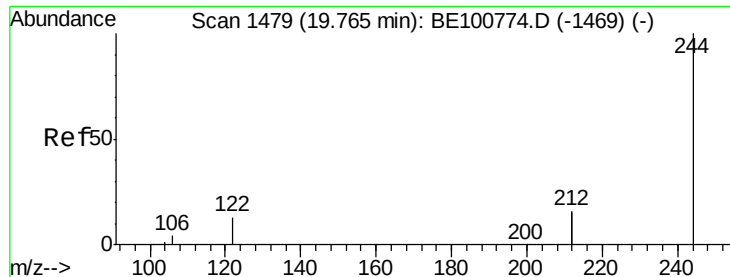
Acq: 13 Dec 2019 12:10

Tgt Ion:240	Resp:	28645
Ion Ratio	Lower	Upper
240	100	
120	13.2	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: 0.238 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

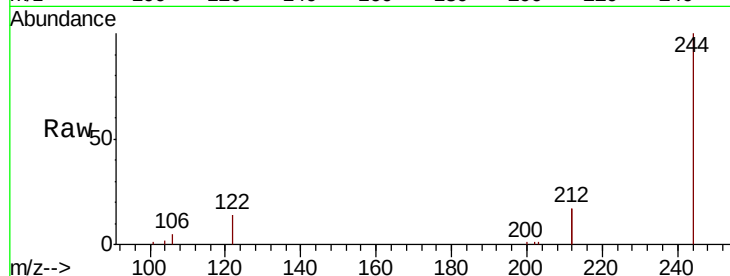
Tot Ion:244 Resp: 16353

Ion Ratio Lower Upper

244 100

212 33.0 25.2 37.8

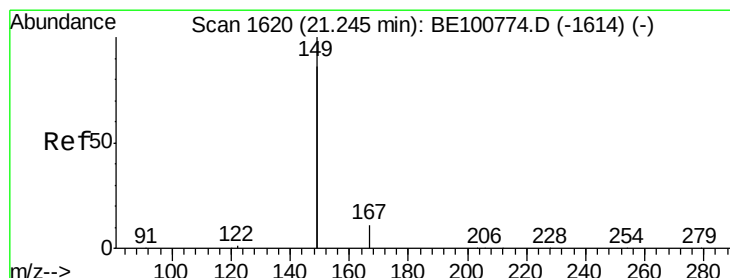
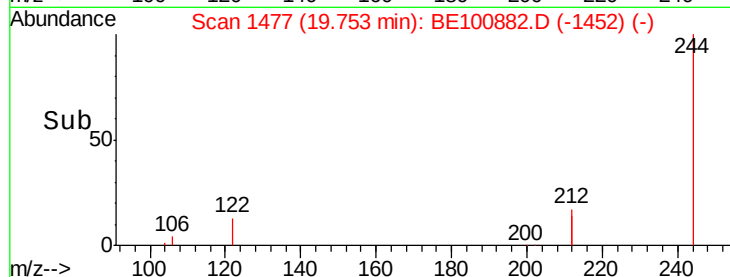
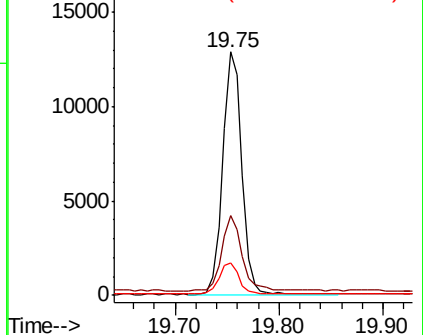
122 13.5 8.9 13.3#



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: 0.029 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

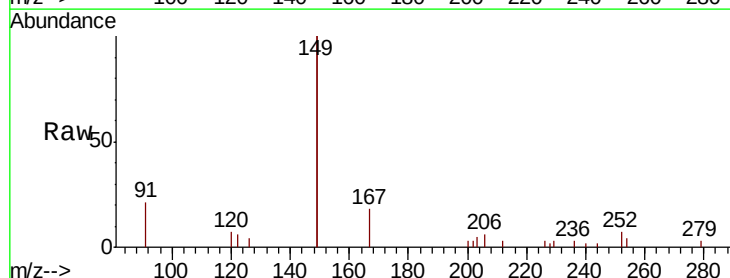
Tgt Ion:149 Resp: 5493

Ion Ratio Lower Upper

149 100

167 8.9 5.0 7.4#

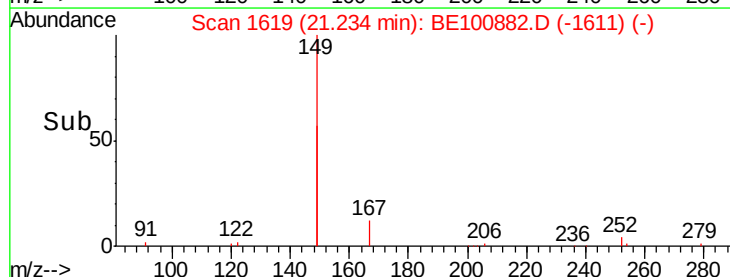
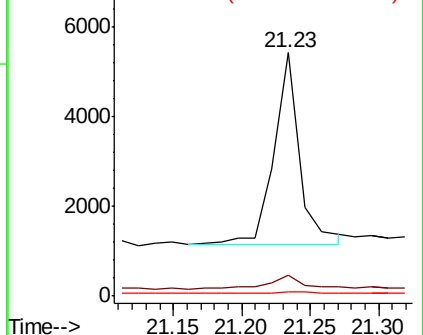
279 0.9 0.6 1.0

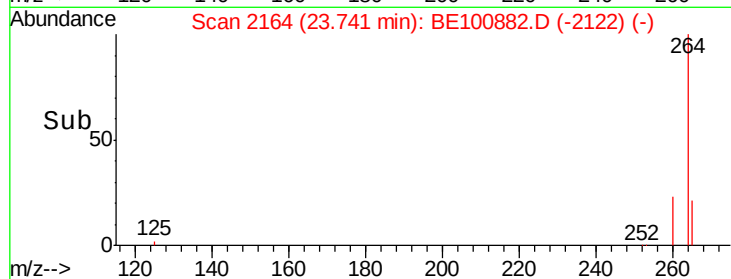
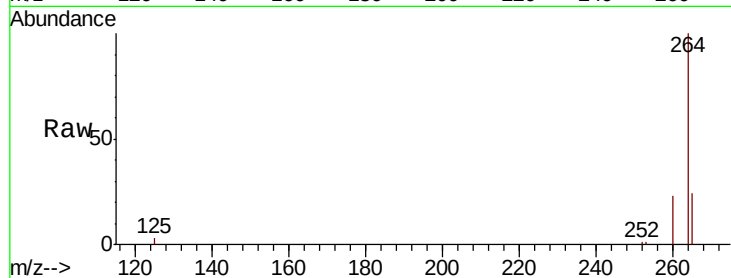
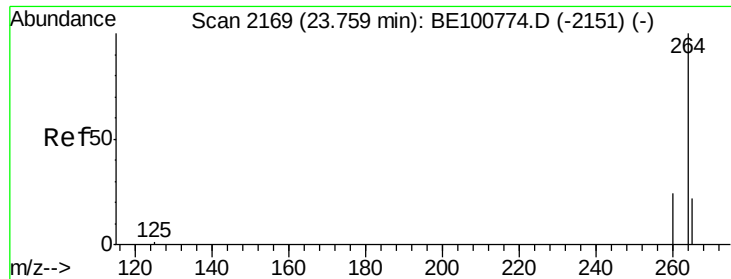


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2164

Delta R.T. -0.00 min

Lab File: BE100882.D

Acq: 13 Dec 2019 12:10

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

Tot Ion: 264 Resp: 33372

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 24.0 20.1 30.1

