

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121319\
 Data File : BE100886.D
 Acq On : 13 Dec 2019 14:36
 Operator : JU
 Sample : K6185-18DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205DL

Quant Time: Dec 13 15:26:35 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

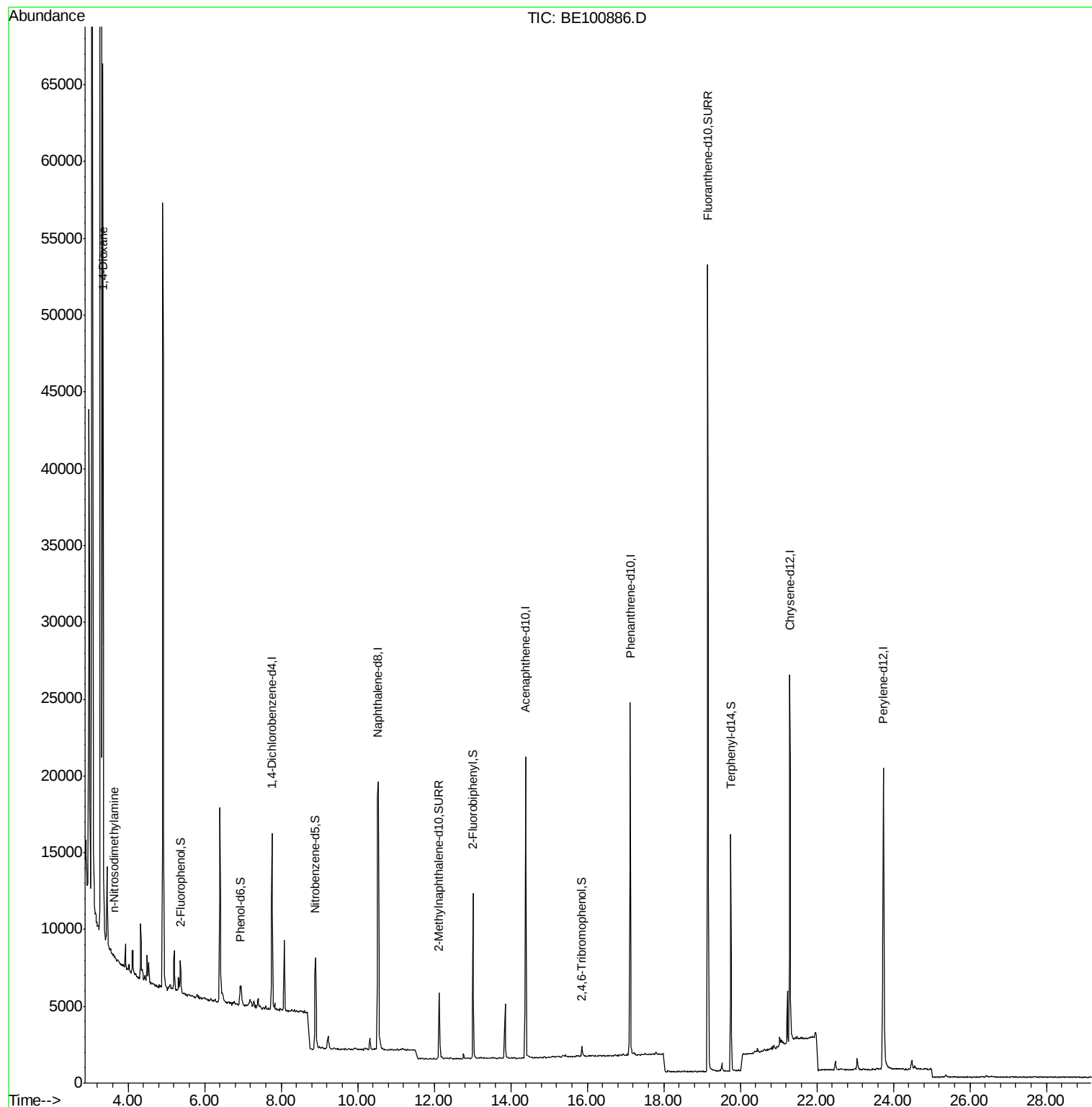
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4954	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21830	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12042	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30320	0.40	ng	0.00
27) Chrysene-d12	21.29	240	25906	0.40	ng	-0.01
34) Perylene-d12	23.74	264	29920	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1086	0.09	ng	0.00
5) Phenol-d6	6.93	99	985	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2744	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	6691	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	378	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9347	0.20	ng	0.00
25) Fluoranthene-d10	19.15	212	68791	0.19	ng	0.00
29) Terphenyl-d14	19.75	244	13095	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	35276	3.906	ng	Qvalue 90
3) n-Nitrosodimethylamine	3.63	42	155	0.021	ng	# 2
32) Bis(2-ethylhexyl)phthalate	21.23	149	3819	Below Cal		# 98

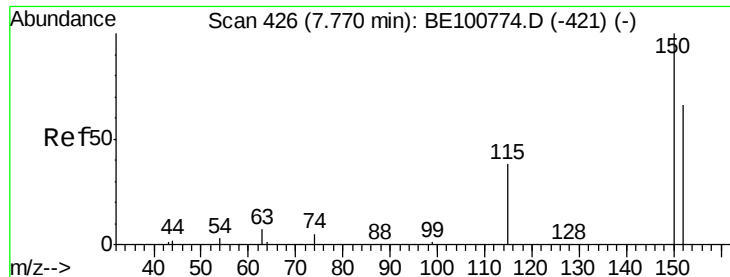
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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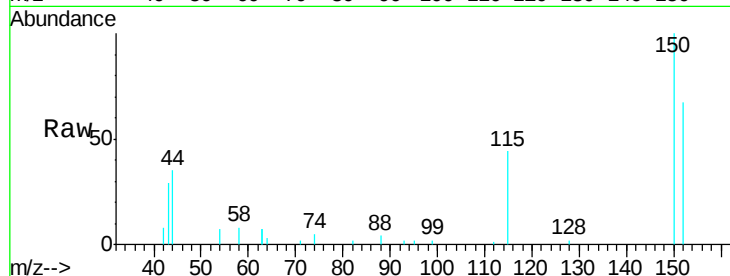


#1

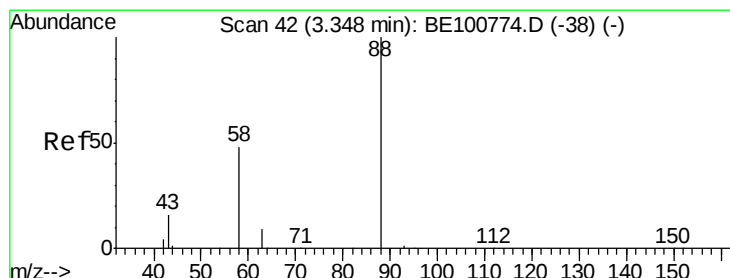
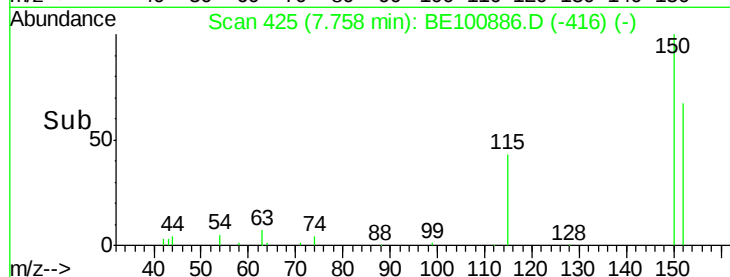
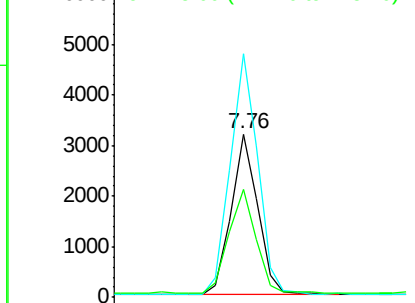
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Instrument :
BNA_E
ClientSampleId :
DUP03-20191205DL

Tgt Ion:152 Resp: 4954
Ion Ratio Lower Upper
152 100
150 149.1 125.5 188.3
115 65.9 55.7 83.5



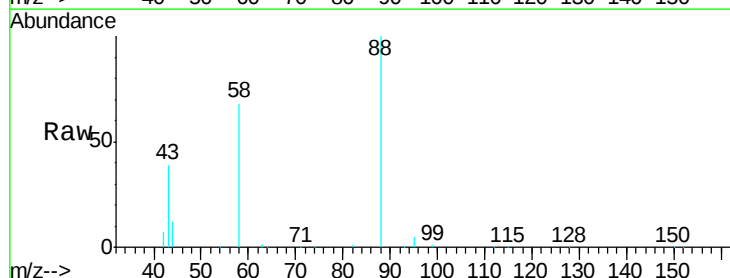
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



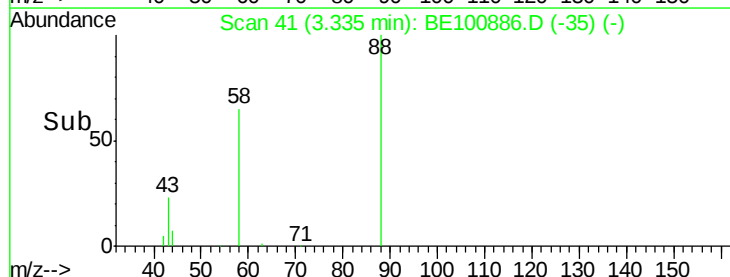
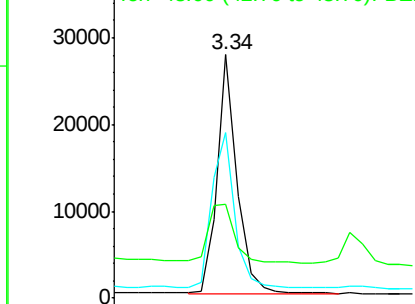
#2

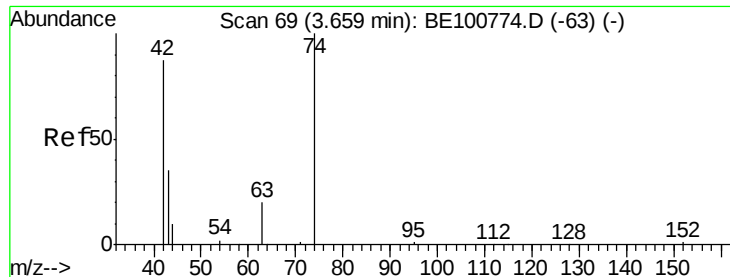
1,4-Dioxane
Concen: 3.906 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion: 88 Resp: 35276
Ion Ratio Lower Upper
88 100
58 74.2 52.3 78.5
43 33.2 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: 3.63 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

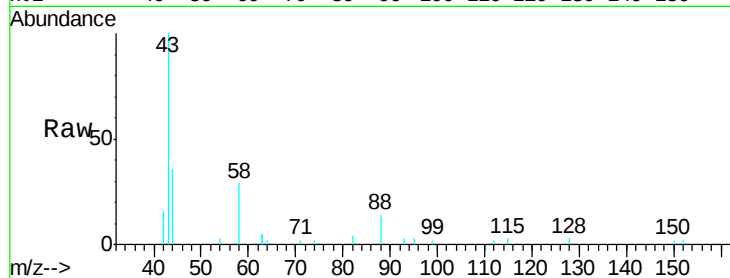
Tgt Ion: 42 Resp: 155

Ion Ratio Lower Upper

42 100

74 0.0 90.3 135.5#

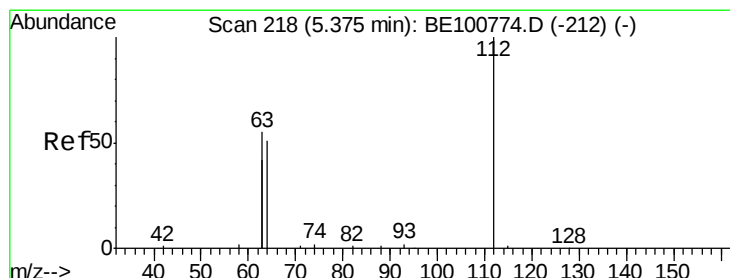
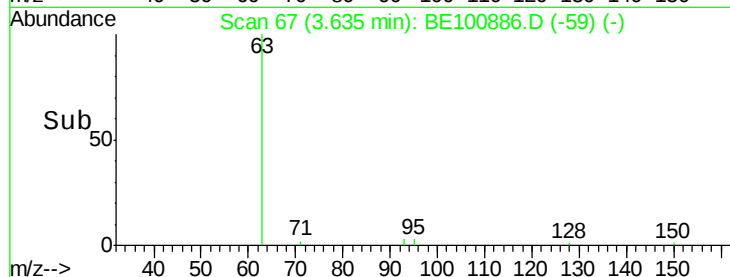
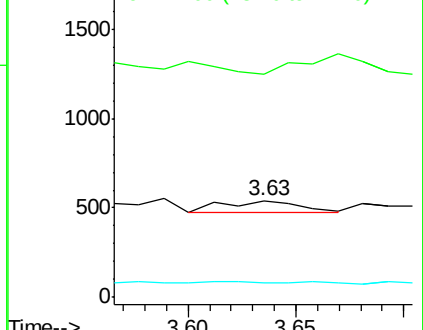
44 0.0 9.0 13.4#



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: 0.092 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

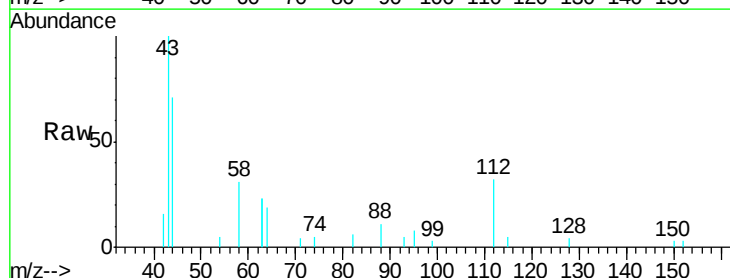
Tgt Ion: 112 Resp: 1086

Ion Ratio Lower Upper

112 100

64 65.9 54.5 81.7

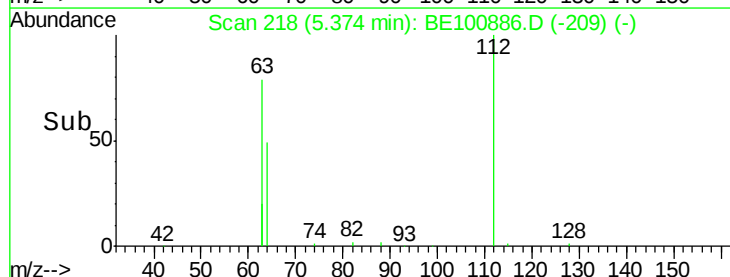
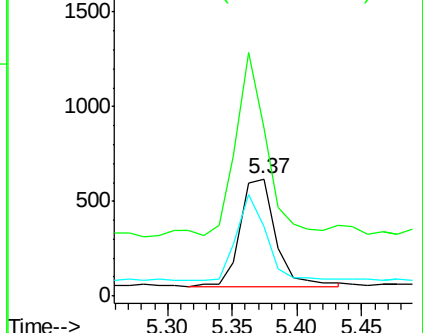
63 149.4 116.1 174.1

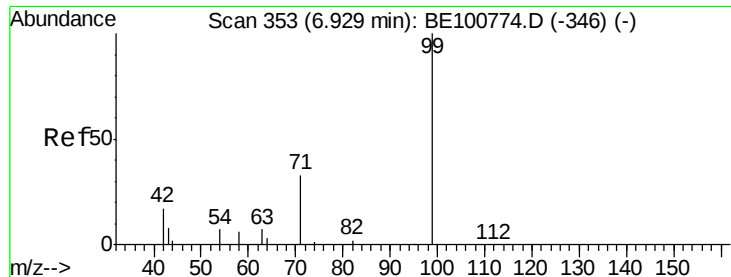


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.056 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

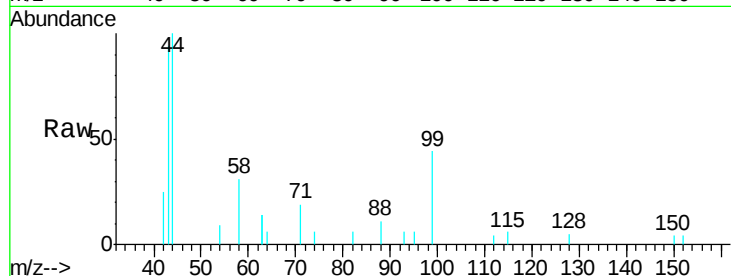
Tgt Ion: 99 Resp: 985

Ion Ratio Lower Upper

99 100

42 49.2 18.2 27.2#

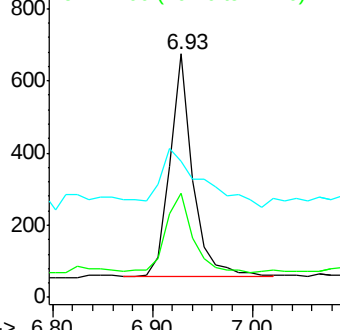
71 42.3 29.1 43.7



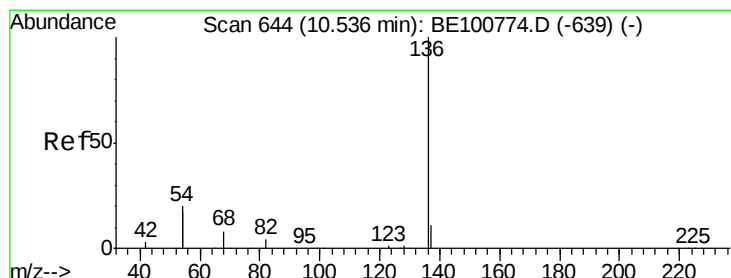
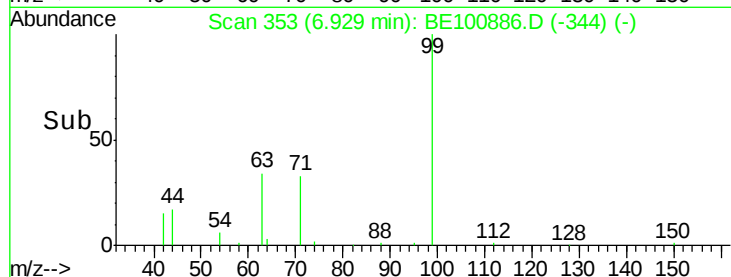
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.80 6.90 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Tgt Ion: 136 Resp: 21830

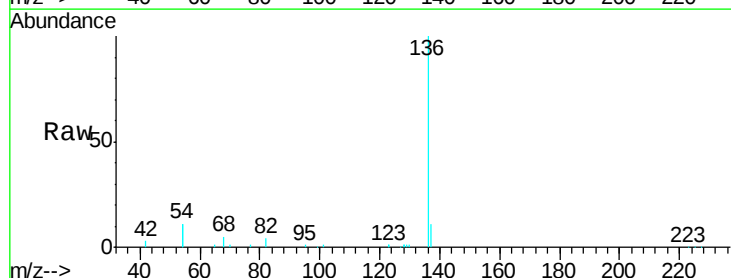
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 22.2 18.9 28.3

68 5.1 4.6 6.8

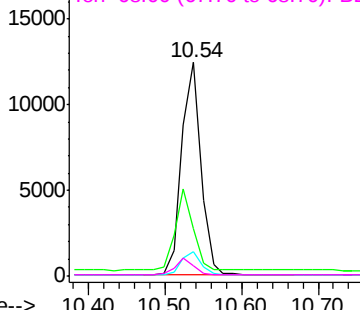


Abundance Ion 136.00 (135.70 to 136.70): BE1

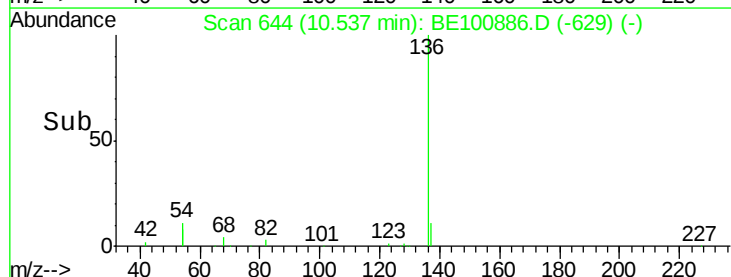
Ion 137.00 (136.70 to 137.70): BE1

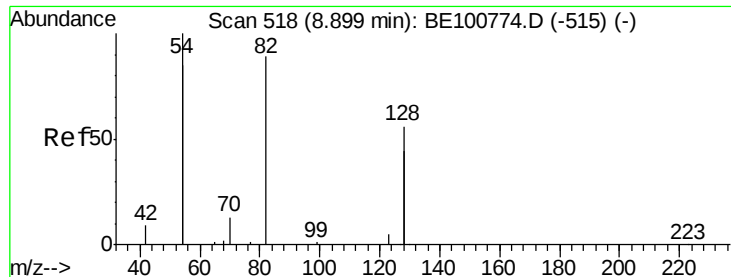
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time--> 10.40 10.50 10.60 10.70





#8

Nitrobenzene-d5

Concen: 0.264 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

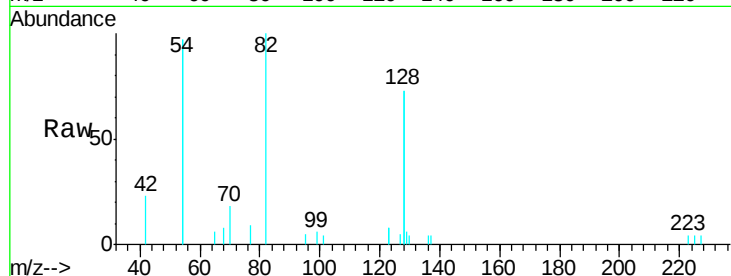
Tgt Ion: 82 Resp: 2744

Ion Ratio Lower Upper

82 100

128 145.3 113.5 170.3

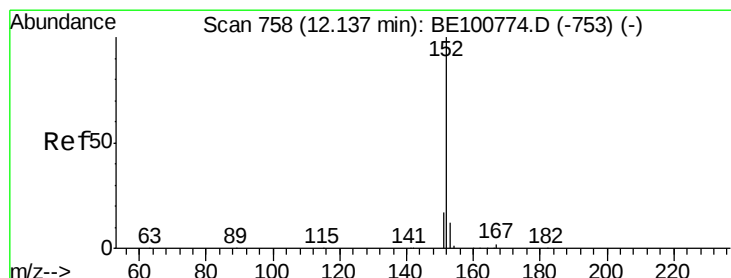
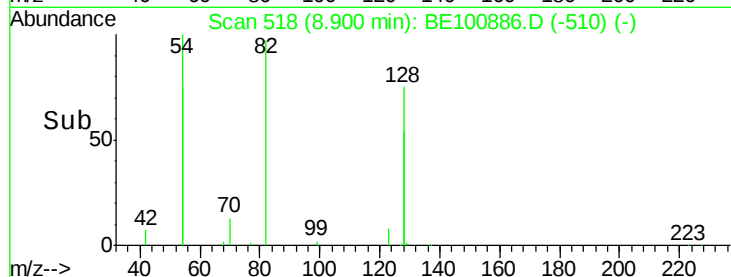
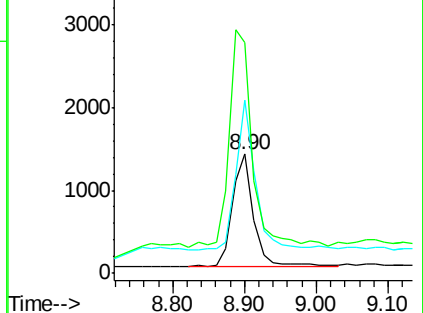
54 193.7 138.9 208.3



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: 0.212 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100886.D

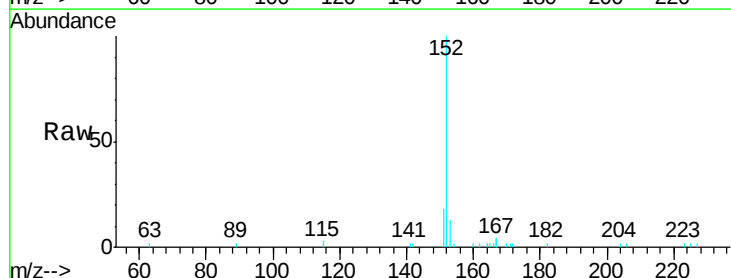
Acq: 13 Dec 2019 14:36

Tgt Ion: 152 Resp: 6691

Ion Ratio Lower Upper

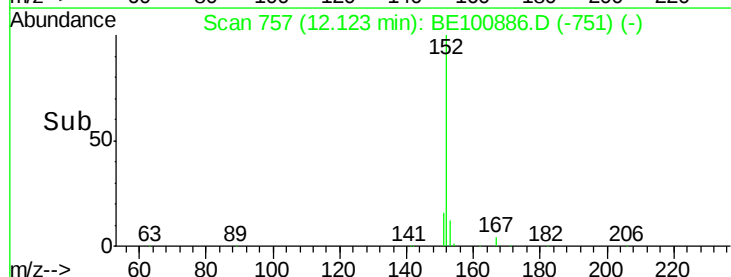
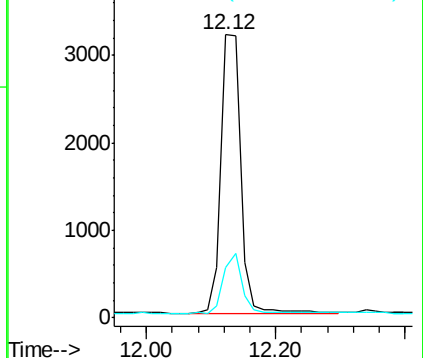
152 100

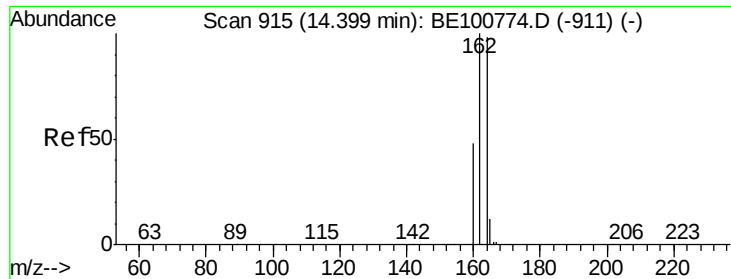
151 19.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

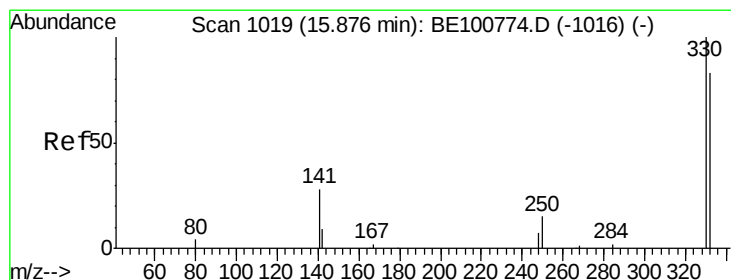
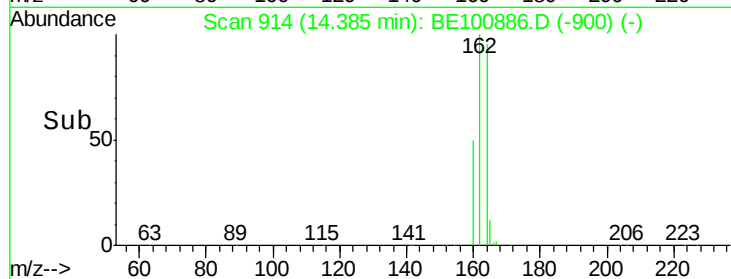
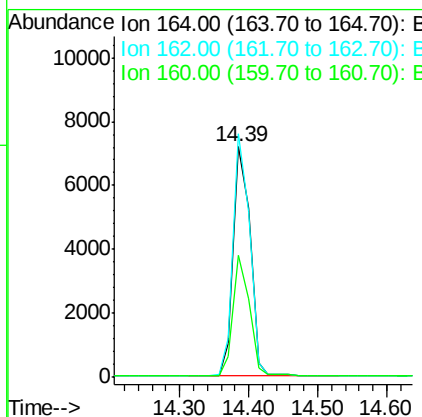
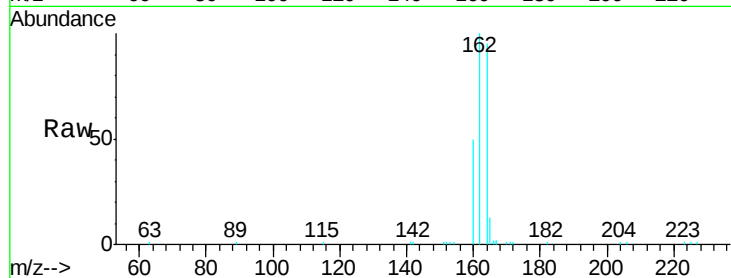




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

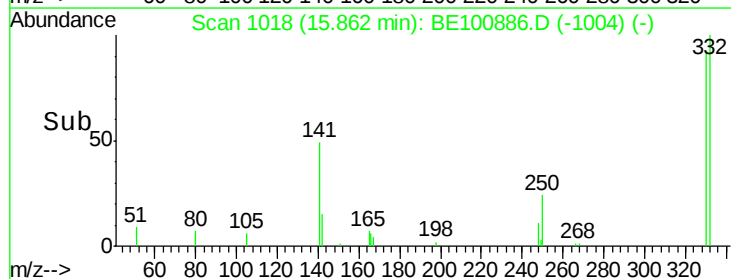
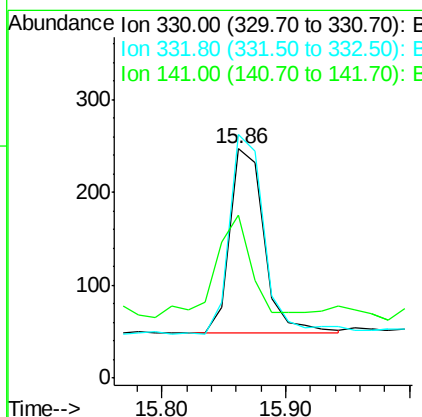
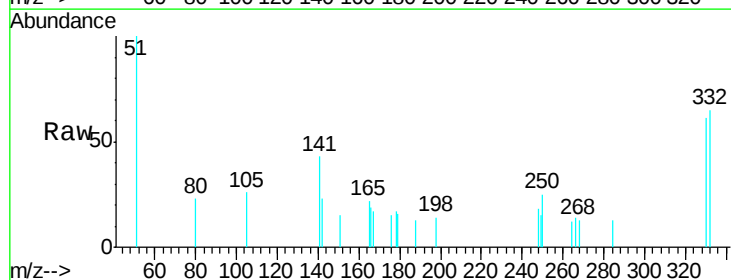
Instrument :
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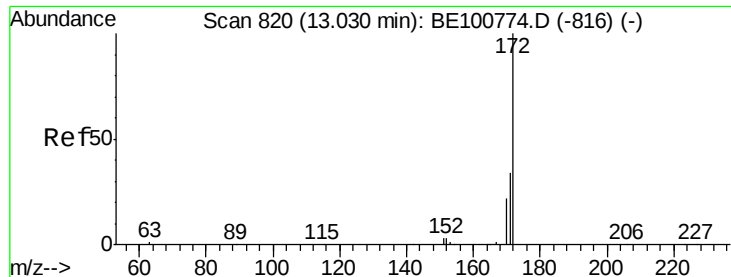
Tgt Ion:164 Resp: 12042
Ion Ratio Lower Upper
164 100
162 105.7 86.0 129.0
160 53.2 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion:330 Resp: 378
Ion Ratio Lower Upper
330 100
332 114.0 74.1 111.1#
141 63.5 46.7 70.1

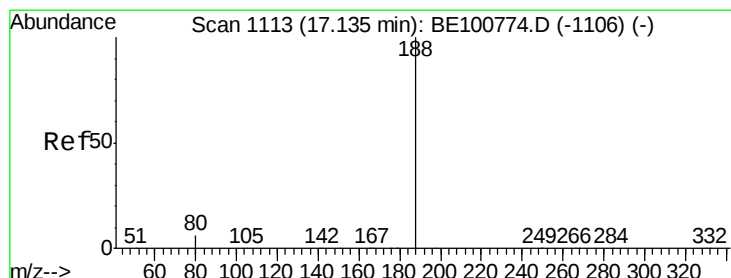
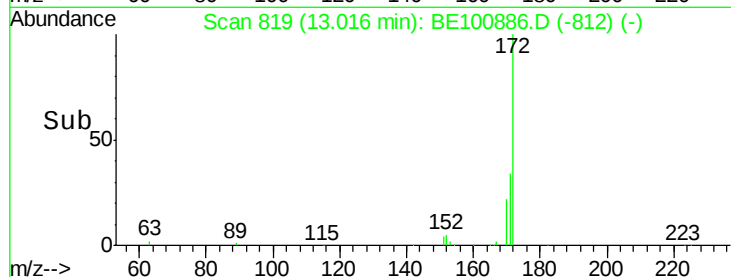
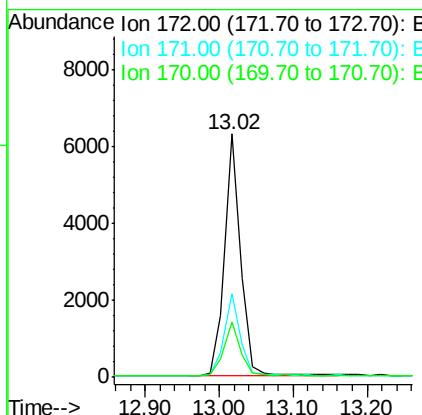
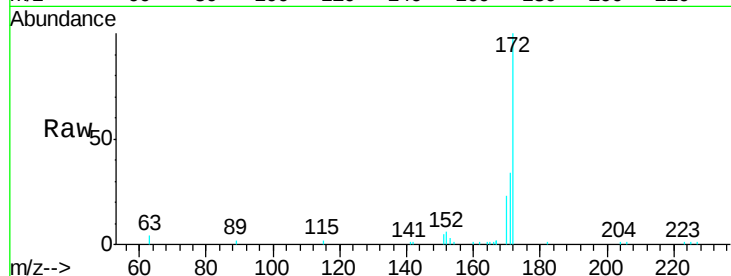




#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

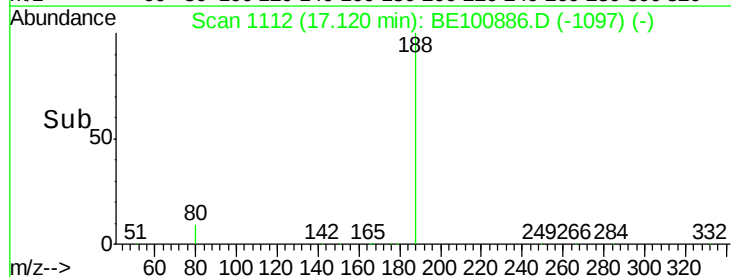
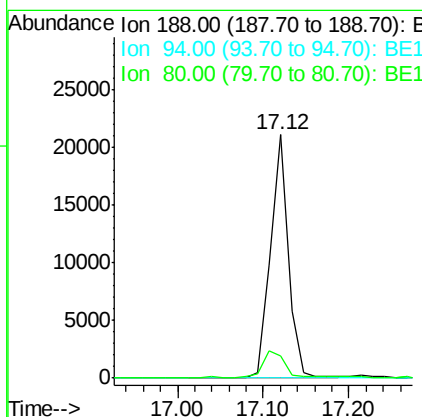
Instrument :
BNA_E
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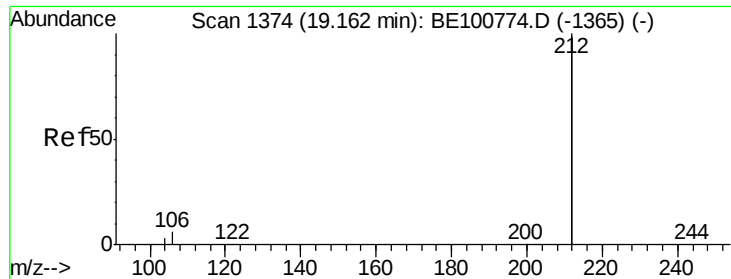
Tgt Ion:172 Resp: 9347
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.4
170 22.9 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100886.D
Acq: 13 Dec 2019 14:36

Tgt Ion:188 Resp: 30320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

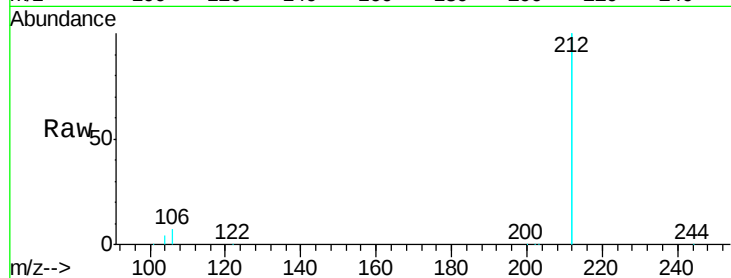
Tgt Ion:212 Resp: 68791

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

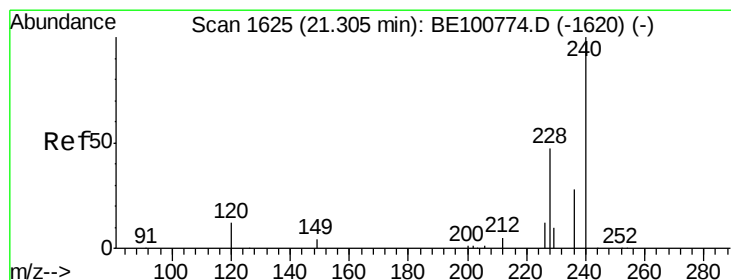
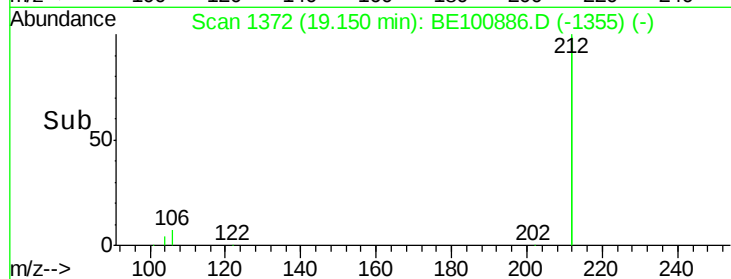
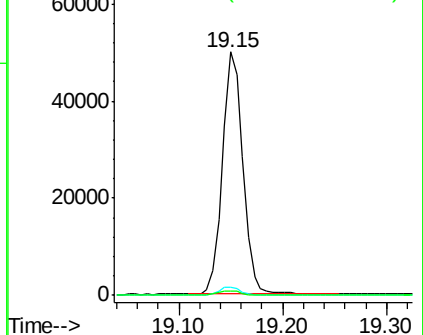
104 1.9 1.4 2.2



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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

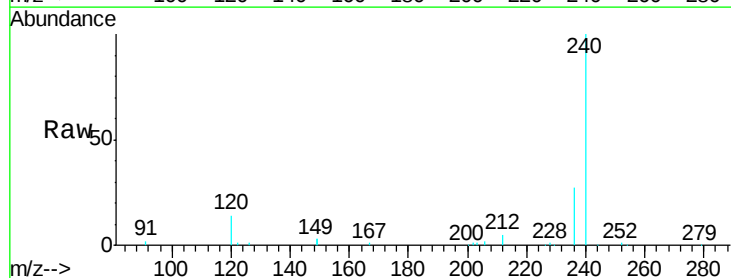
Tgt Ion:240 Resp: 25906

Ion Ratio Lower Upper

240 100

120 13.8 4.0 6.0#

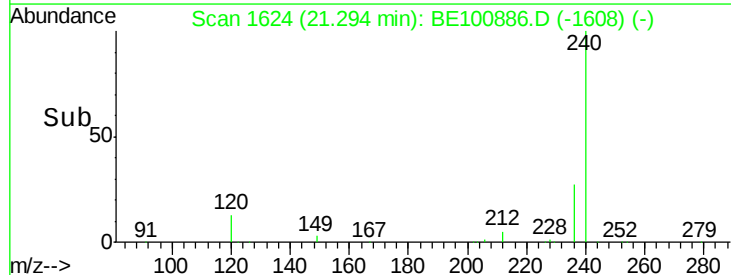
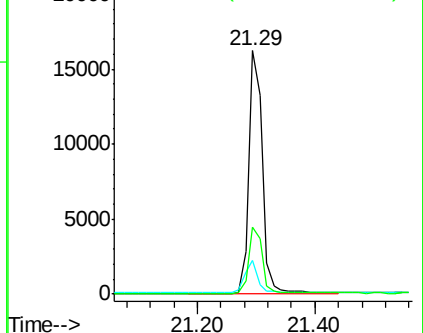
236 27.4 21.6 32.4

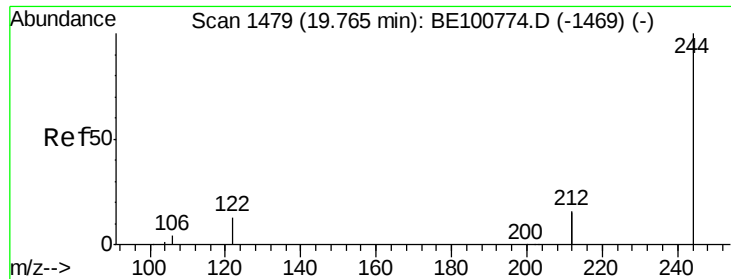


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.211 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

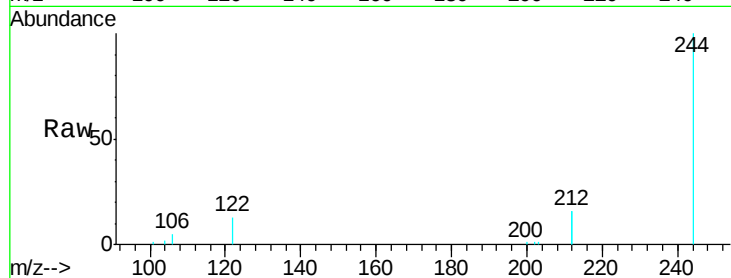
Tgt Ion:244 Resp: 13095

Ion Ratio Lower Upper

244 100

212 33.0 25.2 37.8

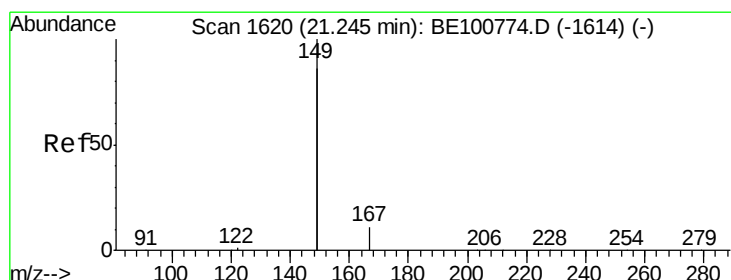
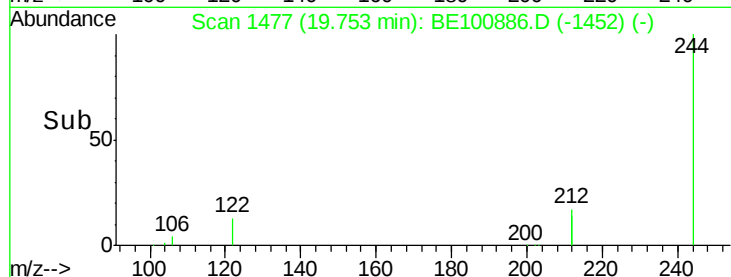
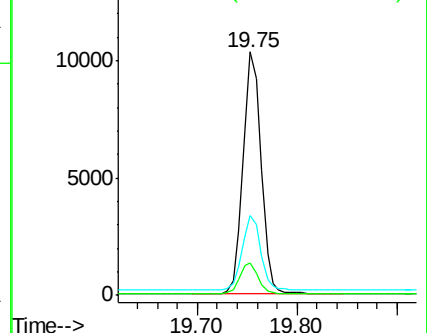
122 13.3 8.9 13.3#



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: Below Cal

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

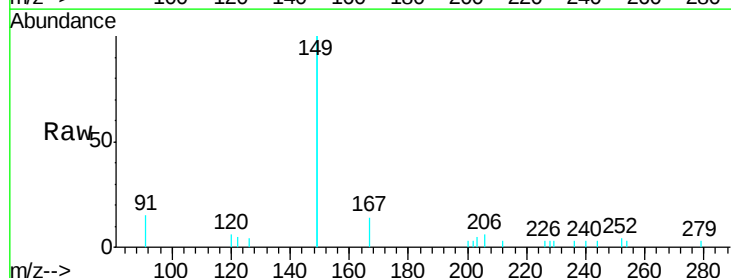
Tgt Ion:149 Resp: 3819

Ion Ratio Lower Upper

149 100

167 6.8 5.0 7.4

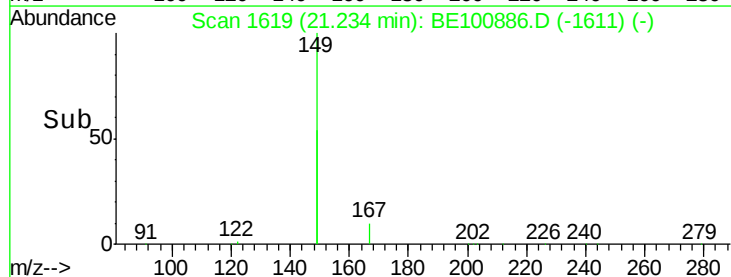
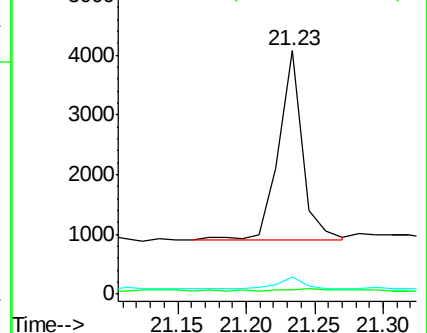
279 1.0 0.6 1.0#

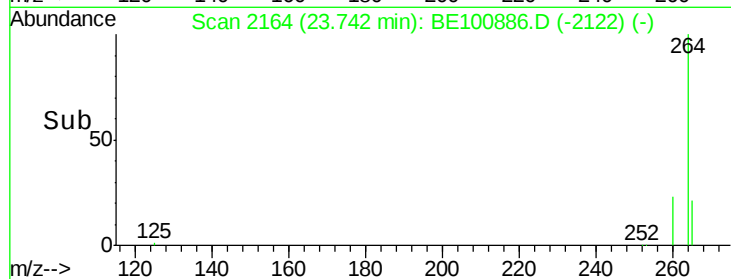
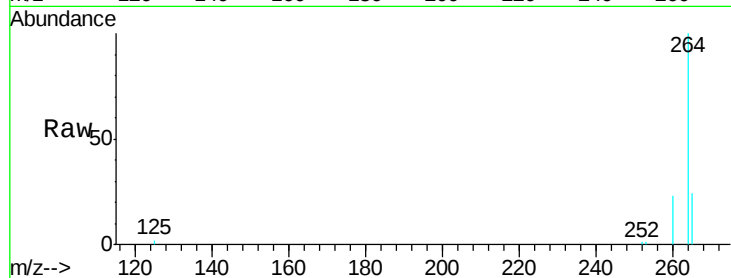
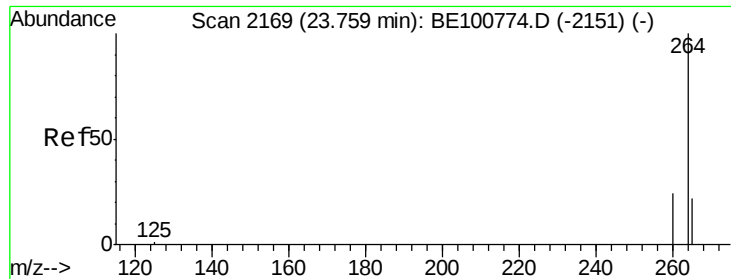


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

Tgt Ion: 264 Resp: 29920

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 24.4 20.1 30.1

