

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100884.D
 Acq On : 13 Dec 2019 13:25
 Operator : JU
 Sample : K6185-07DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20191205DL

Quant Time: Dec 13 15:25:42 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

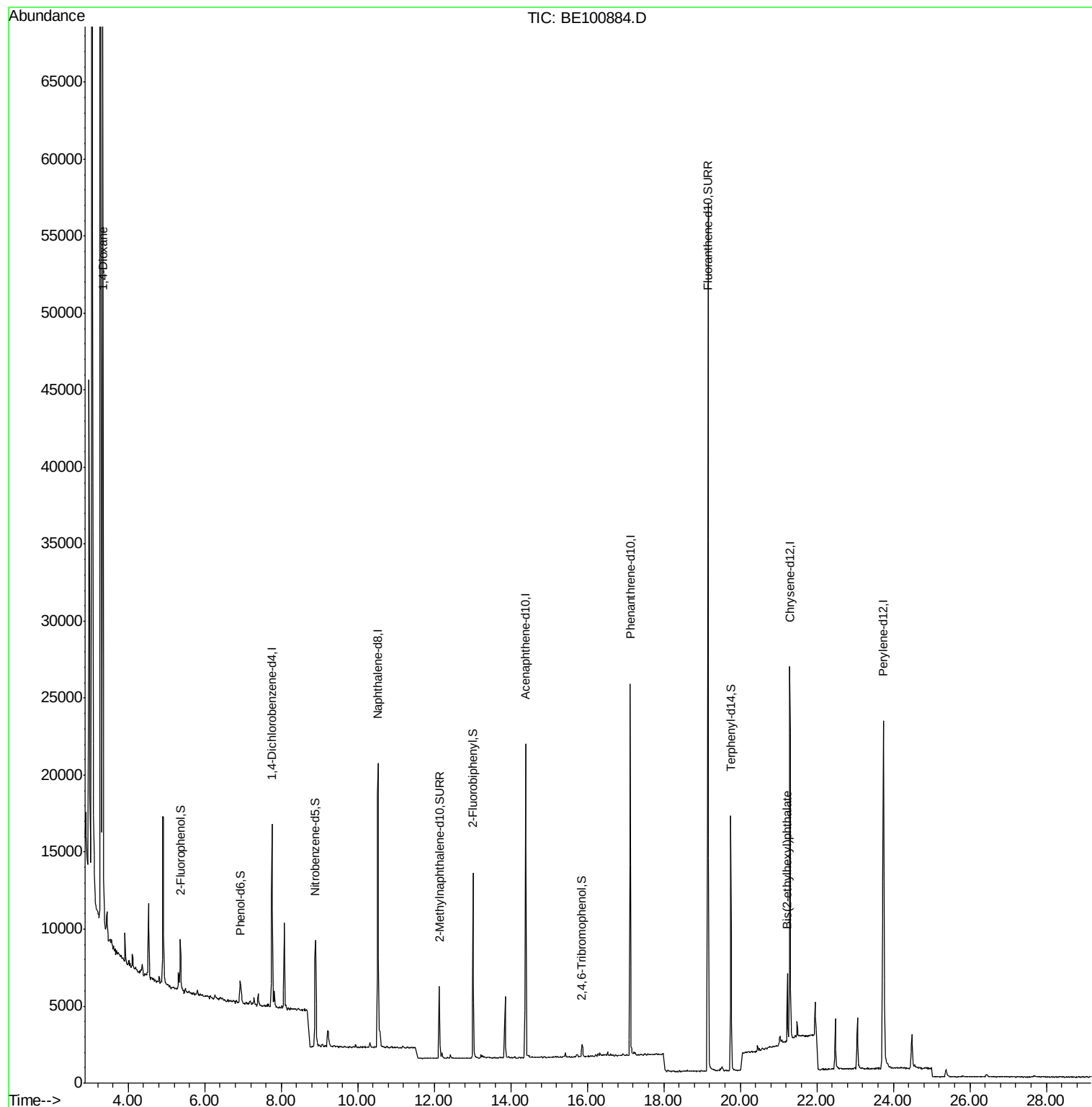
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5024	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22748	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12487	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31307	0.40	ng	0.00
27) Chrysene-d12	21.29	240	26695	0.40	ng	-0.01
34) Perylene-d12	23.74	264	34099	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1654	0.14	ng	-0.01
5) Phenol-d6	6.93	99	1351	0.08	ng	0.00
8) Nitrobenzene-d5	8.90	82	3229	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7000	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	451	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	10678	0.22	ng	0.00
25) Fluoranthene-d10	19.16	212	74080	0.20	ng	0.00
29) Terphenyl-d14	19.76	244	14122	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	36982	4.037	ng	88
32) Bis(2-ethylhexyl)phthalate	21.23	149	5066	0.028	ng	# 98

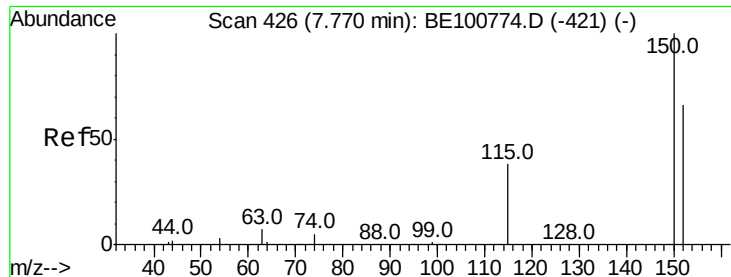
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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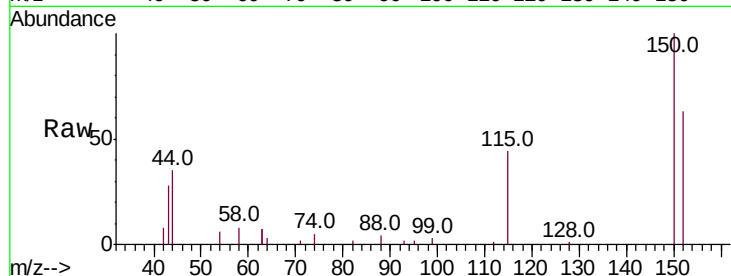


#1

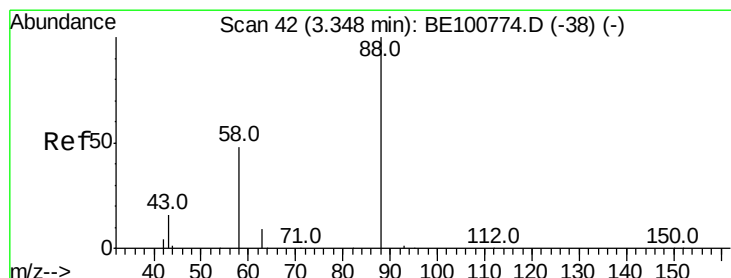
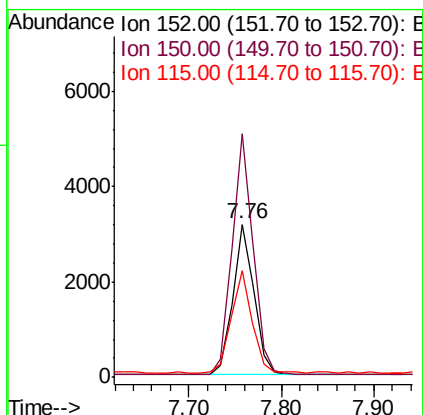
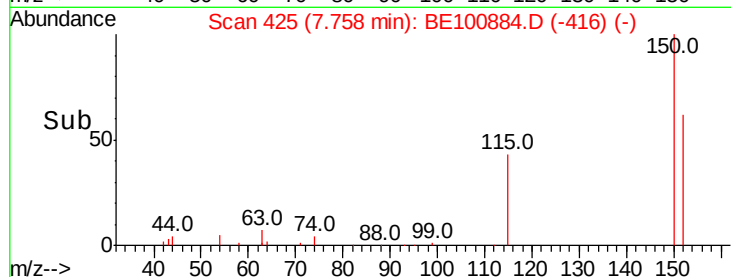
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.00 min
Lab File: BE100884.D
Acq: 13 Dec 2019 13:25

Instrument :
BNA_E
ClientSampleId :
RE131D2-20191205DL

Tot Ion:152 Resp: 5024
Ion Ratio Lower Upper
152 100
150 159.0 125.5 188.3
115 69.6 55.7 83.5



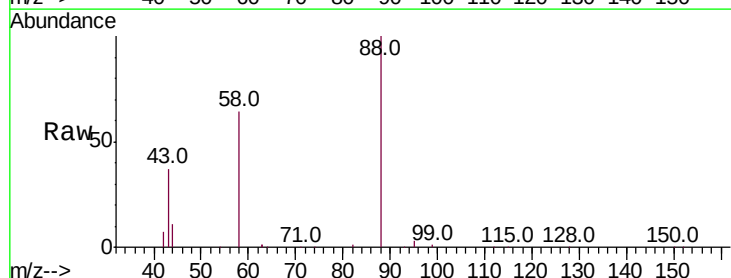
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



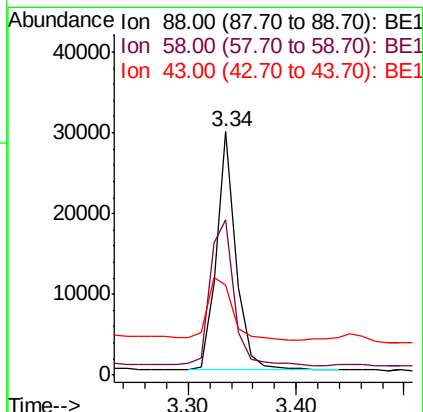
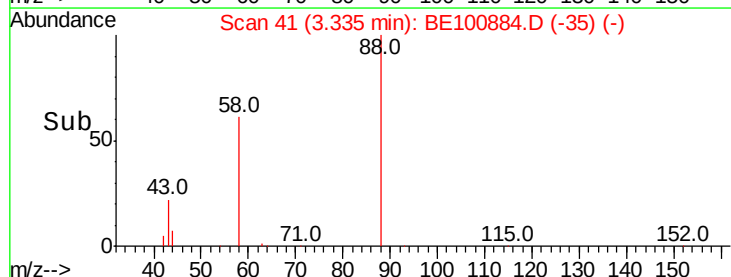
#2

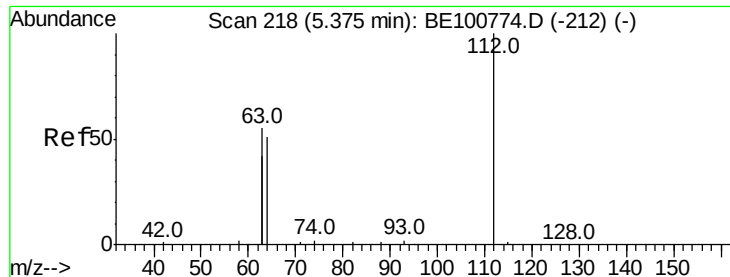
1,4-Dioxane
Concen: 4.037 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100884.D
Acq: 13 Dec 2019 13:25

Tgt Ion: 88 Resp: 36982
Ion Ratio Lower Upper
88 100
58 75.6 52.3 78.5
43 34.3 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





#4

2-Fluorophenol

Concen: 0.139 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

Instrument :

BNA_E

ClientSampleId :

RE131D2-20191205DL

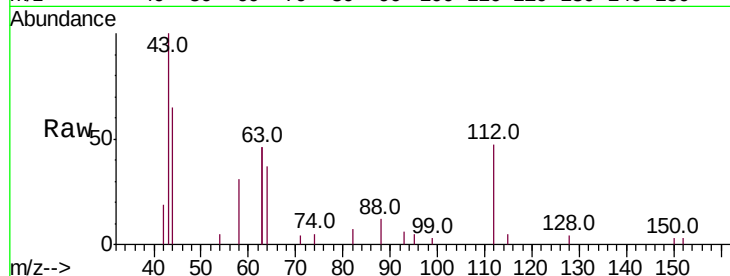
Tot Ion:112 Resp: 1654

Ion Ratio Lower Upper

112 100

64 67.7 54.5 81.7

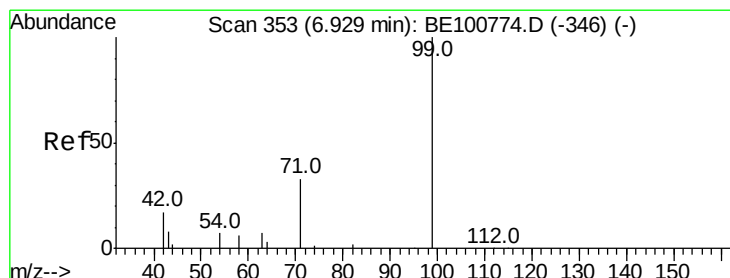
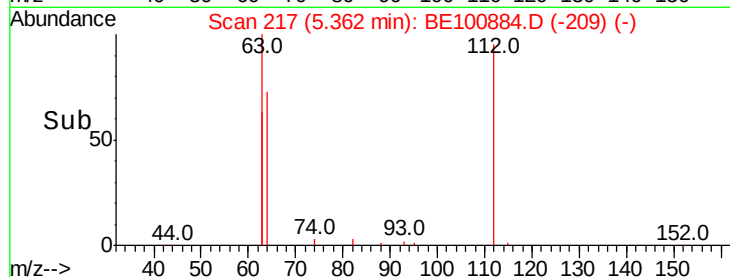
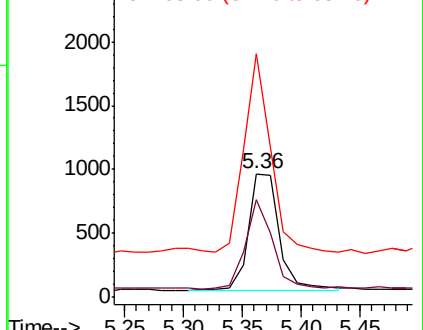
63 147.0 116.1 174.1



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: 0.075 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

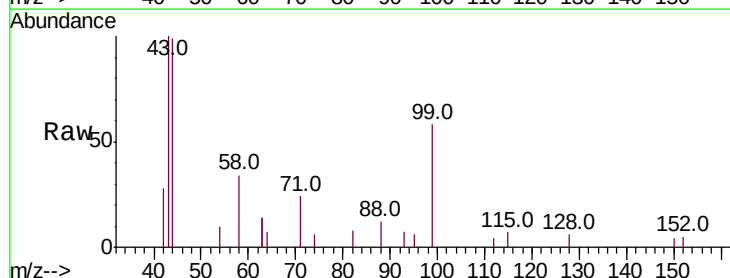
Tgt Ion: 99 Resp: 1351

Ion Ratio Lower Upper

99 100

42 32.9 18.2 27.2#

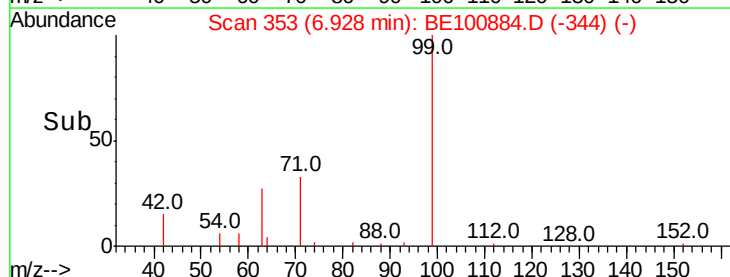
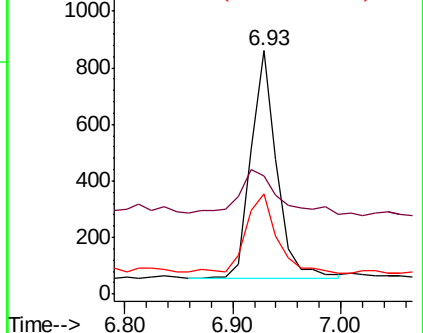
71 41.2 29.1 43.7

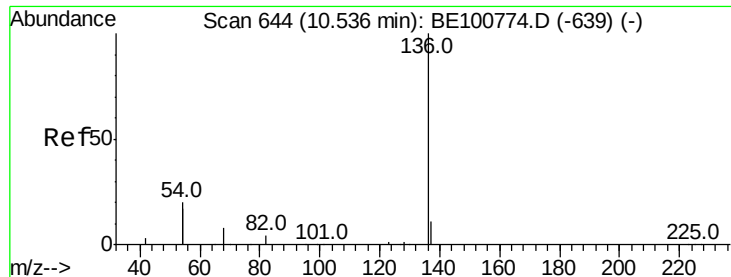


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100884.D

Acq: 13 Dec 2019 13:25

Instrument :

BNA_E

ClientSampleId :

RE131D2-20191205DL

Tot Ion:136 Resp: 22748

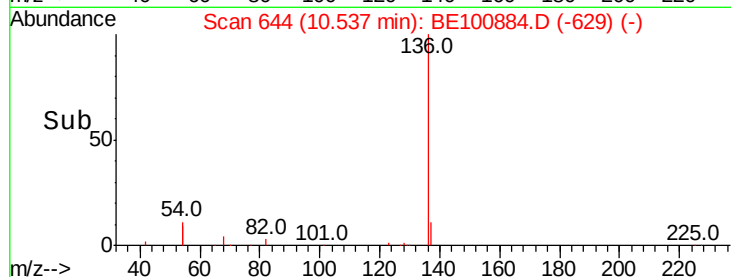
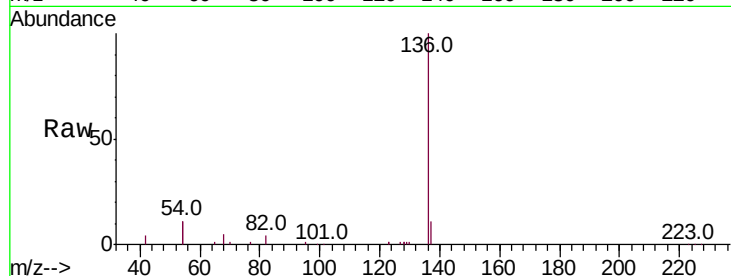
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 22.6 18.9 28.3

68 5.3 4.6 6.8

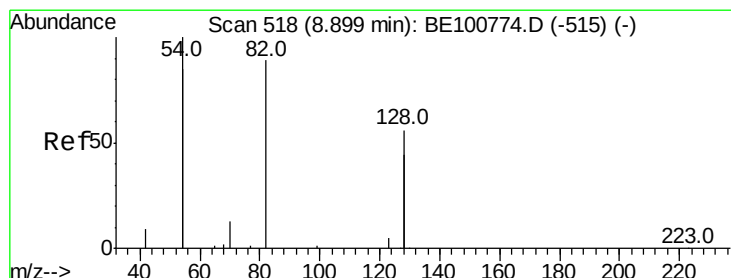
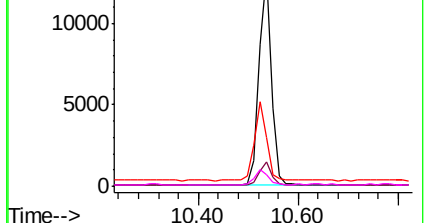


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.298 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

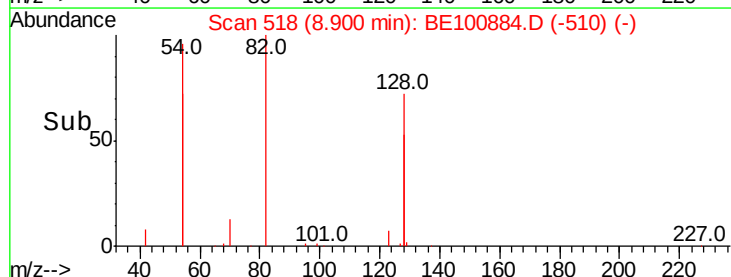
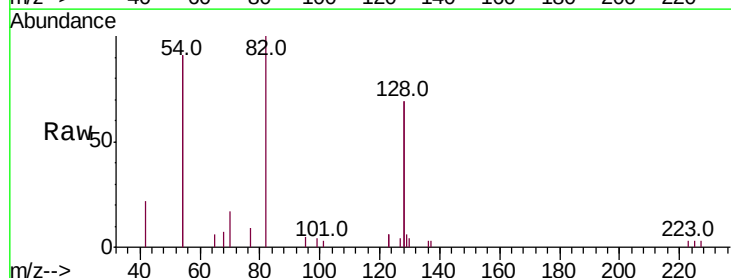
Tgt Ion: 82 Resp: 3229

Ion Ratio Lower Upper

82 100

128 137.5 113.5 170.3

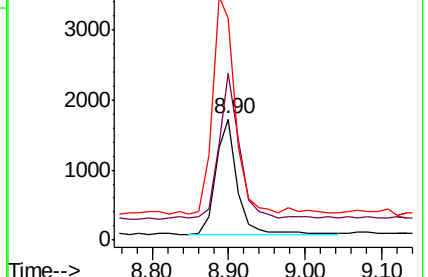
54 182.9 138.9 208.3

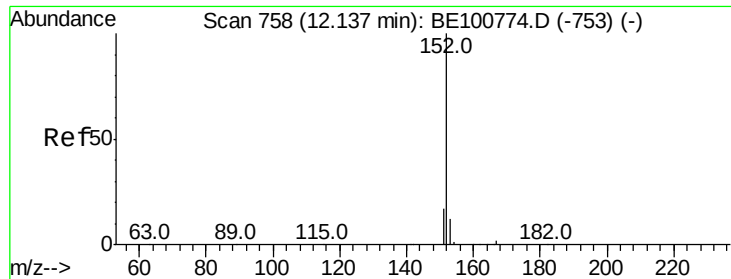


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

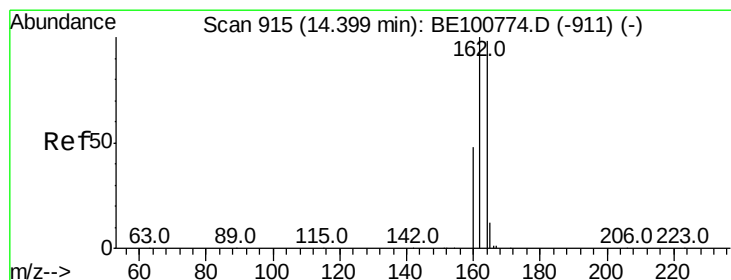
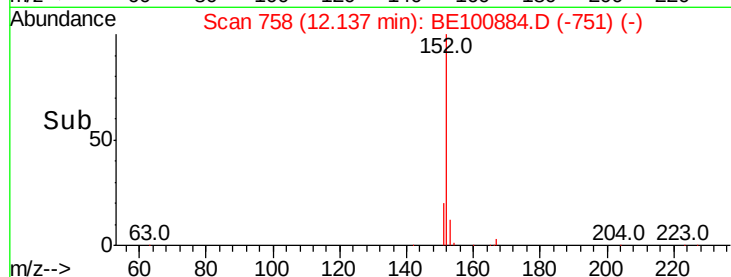
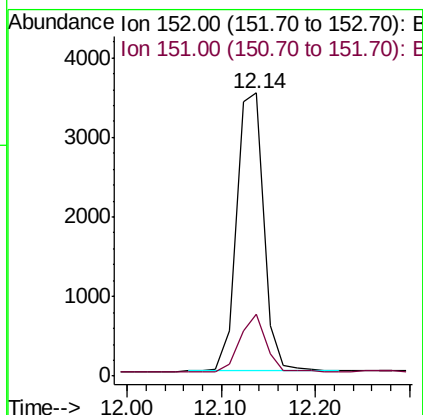
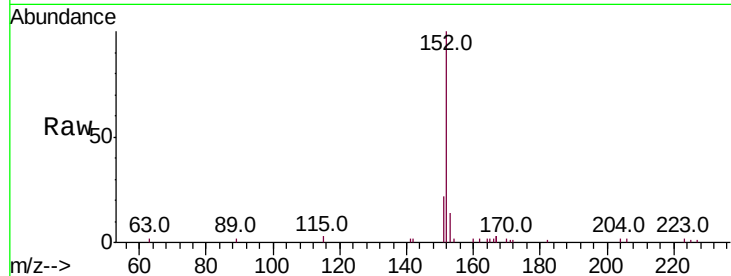




#11
 2-Methylnaphthalene-d10
 Concen: 0.212 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100884.D
 Acq: 13 Dec 2019 13:25

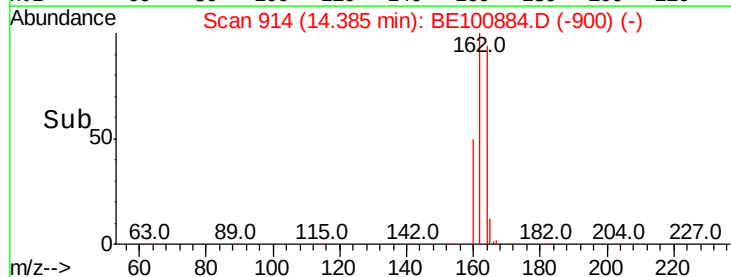
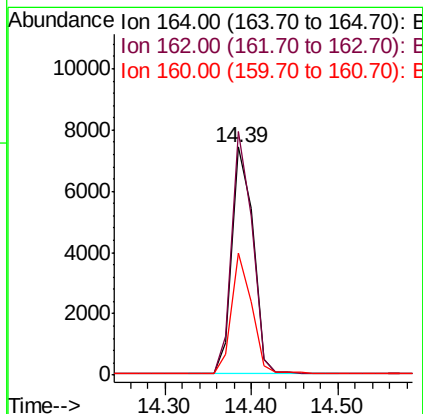
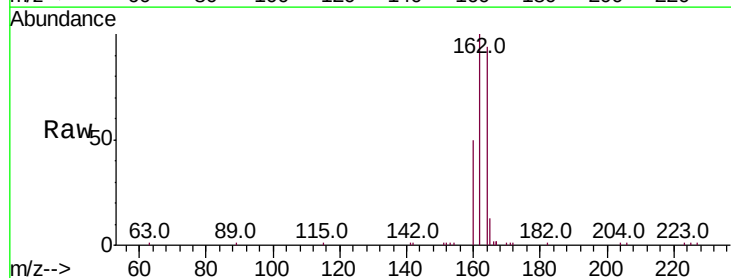
Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20191205DL

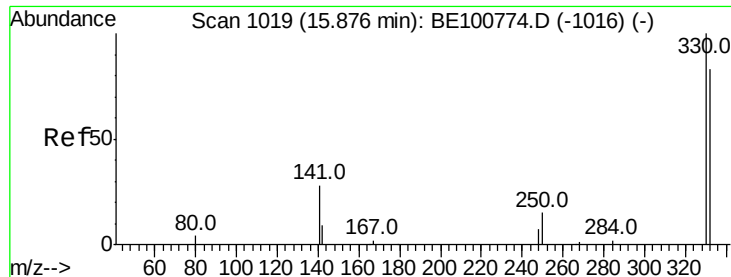
Tot Ion:152 Resp: 7000
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100884.D
 Acq: 13 Dec 2019 13:25

Tgt Ion:164 Resp: 12487
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.0 129.0
 160 53.4 42.3 63.5





#14

2,4,6-Tribromophenol

Concen: 0.325 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

Instrument :

BNA_E

ClientSampleId :

RE131D2-20191205DL

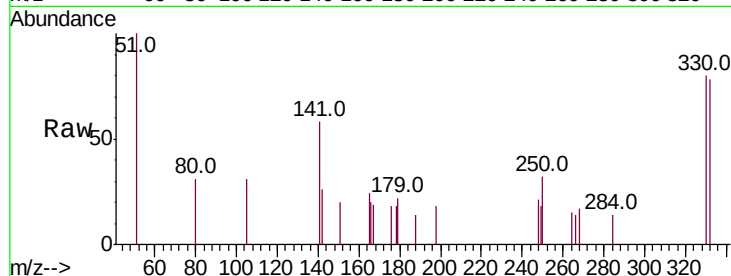
Tot Ion:330 Resp: 451

Ion Ratio Lower Upper

330 100

332 112.0 74.1 111.1#

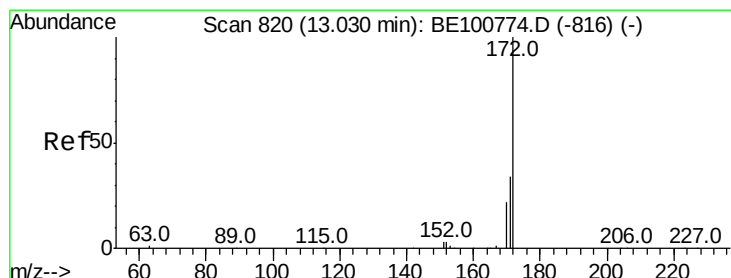
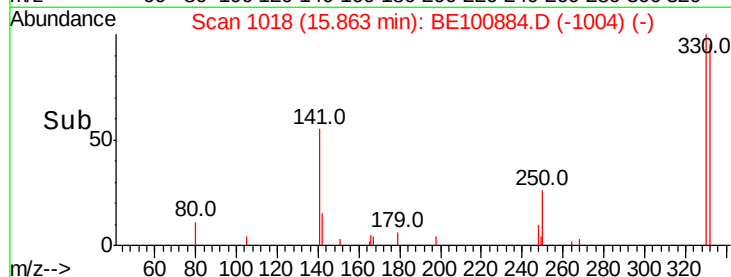
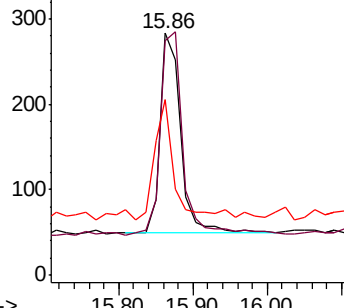
141 63.4 46.7 70.1



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: 0.216 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.00 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

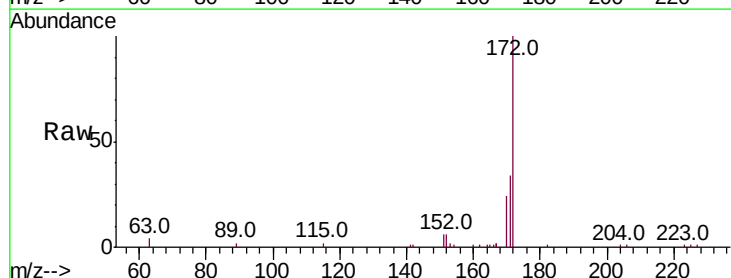
Tgt Ion:172 Resp: 10678

Ion Ratio Lower Upper

172 100

171 33.5 28.2 42.4

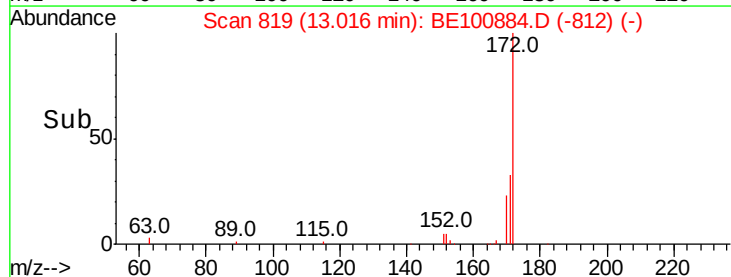
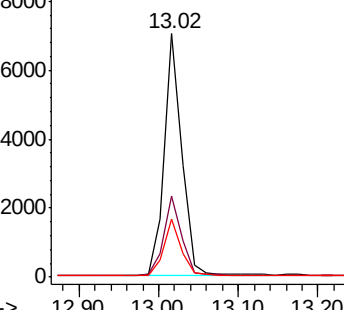
170 23.6 19.4 29.0

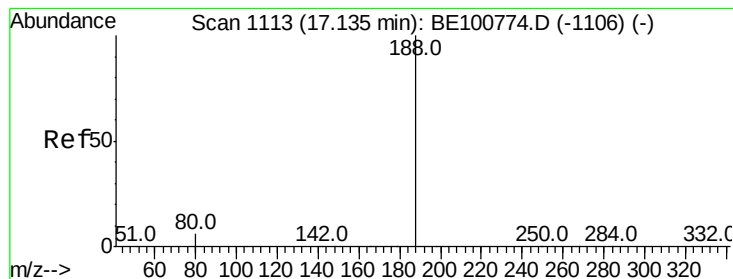


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

Instrument :

BNA_E

ClientSampleId :

RE131D2-20191205DL

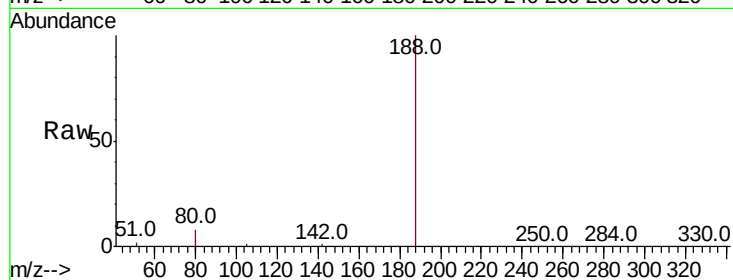
Tot Ion:188 Resp: 31307

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

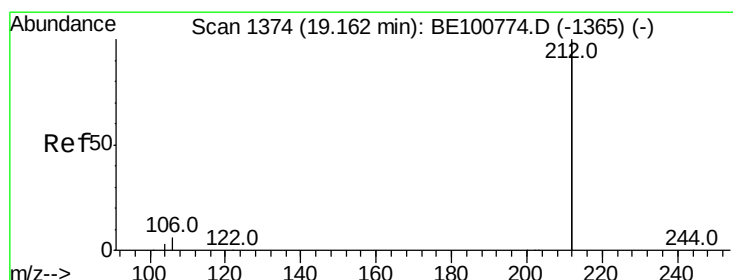
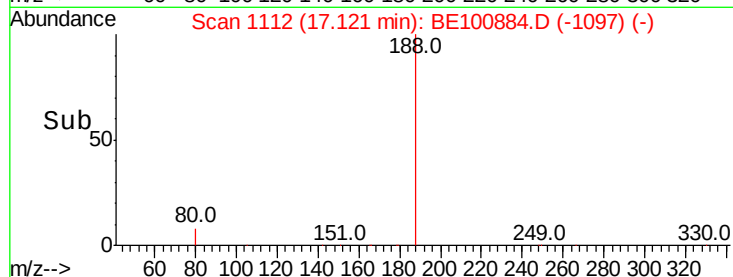
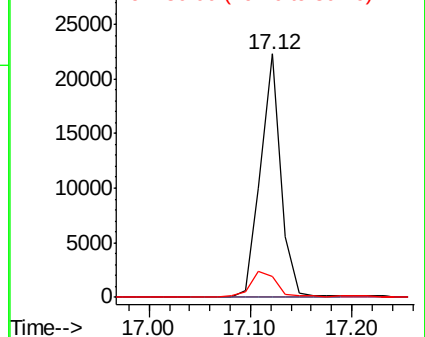
80 8.5 7.9 11.9



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: 0.200 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100884.D

Acq: 13 Dec 2019 13:25

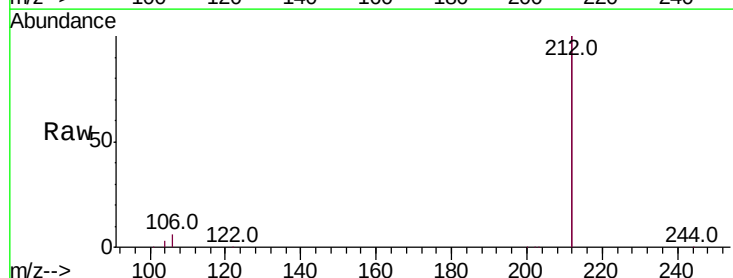
Tgt Ion:212 Resp: 74080

Ion Ratio Lower Upper

212 100

106 3.2 2.6 4.0

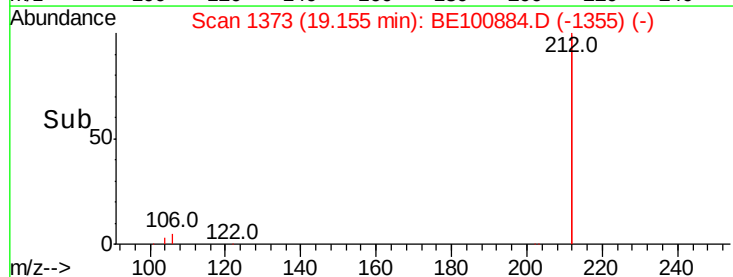
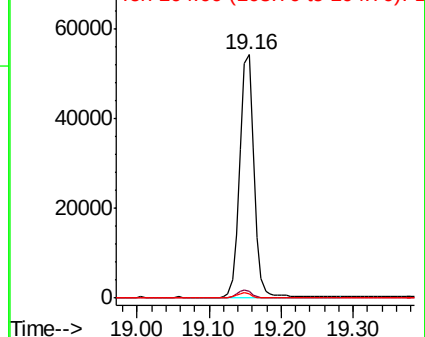
104 1.8 1.4 2.2

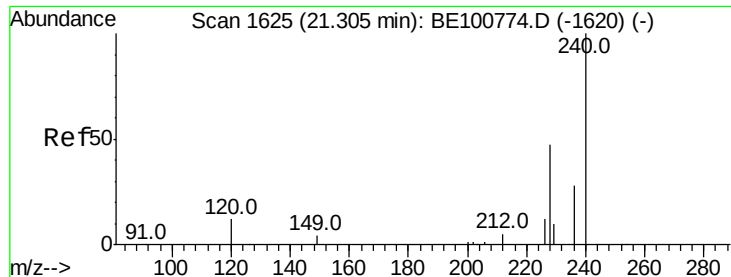


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

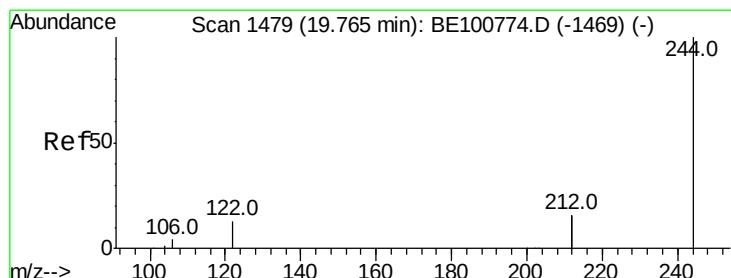
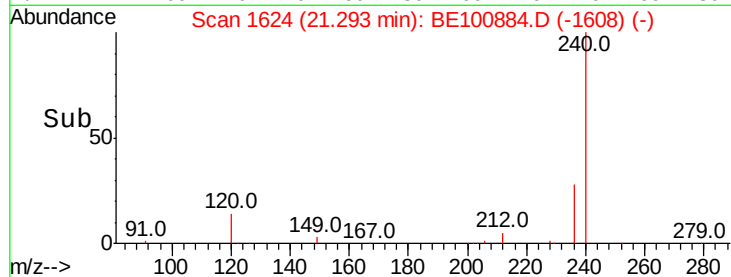
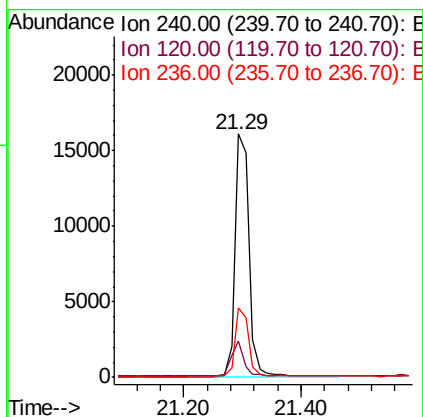
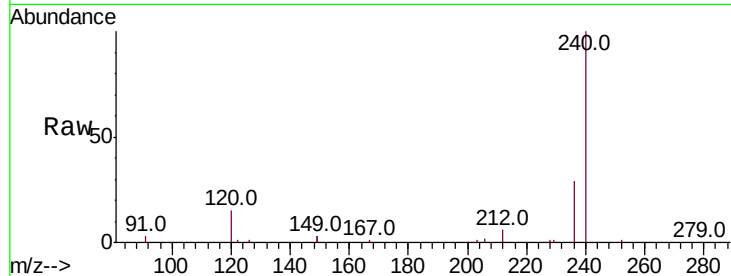




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100884.D
 Acq: 13 Dec 2019 13:25

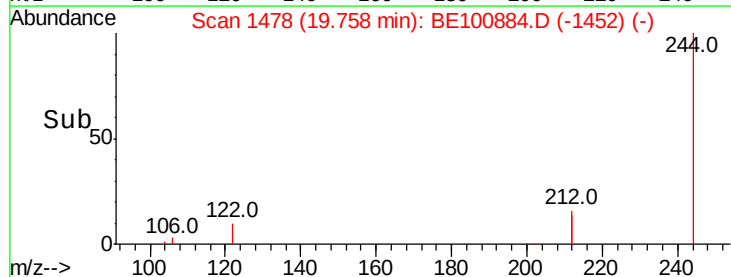
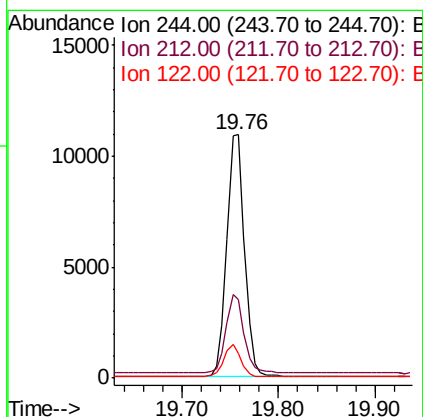
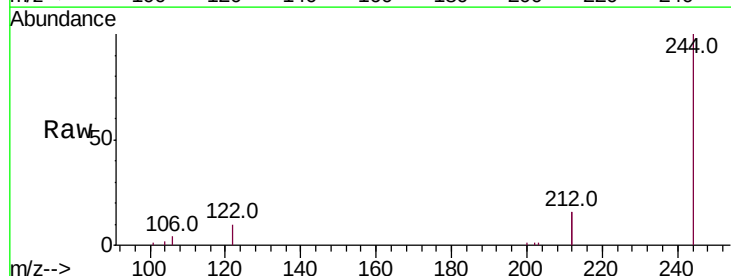
Instrument :
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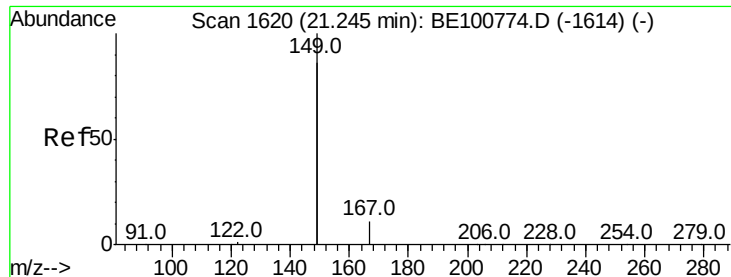
Tot Ion:240 Resp: 26695
 Ion Ratio Lower Upper
 240 100
 120 15.1 4.0 6.0#
 236 28.8 21.6 32.4



#29
 Terphenyl-d14
 Concen: 0.221 ng
 RT: 19.76 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BE100884.D
 Acq: 13 Dec 2019 13:25

Tgt Ion:244 Resp: 14122
 Ion Ratio Lower Upper
 244 100
 212 32.4 25.2 37.8
 122 10.3 8.9 13.3

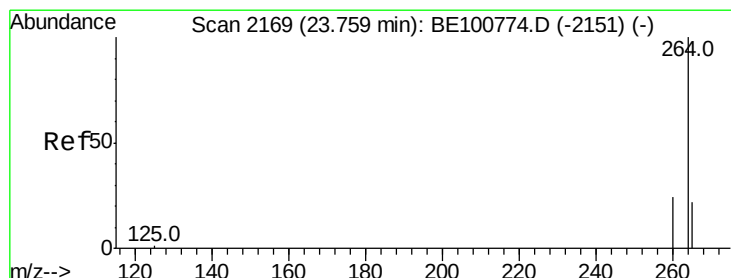
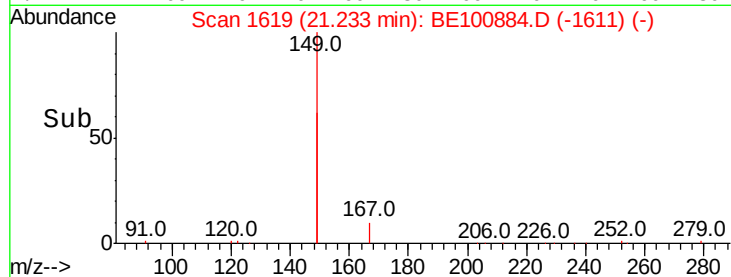
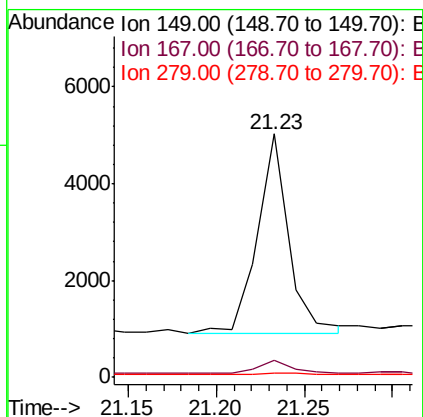
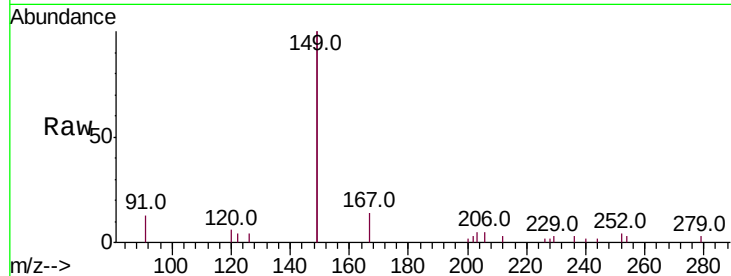




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100884.D
 Acq: 13 Dec 2019 13:25

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20191205DL

Tot Ion:149 Resp: 5066
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.0 7.4
 279 1.0 0.6 1.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BE100884.D
 Acq: 13 Dec 2019 13:25

Tgt Ion:264 Resp: 34099
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 23.5 20.1 30.1

