

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121319\
 Data File : BE100883.D
 Acq On : 13 Dec 2019 12:46
 Operator : JU
 Sample : K6185-06DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205DL

Quant Time: Dec 13 15:25:49 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	5051	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22355	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12501	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30369	0.40	ng	0.00
27) Chrysene-d12	21.30	240	25245	0.40	ng	0.00
34) Perylene-d12	23.74	264	29236	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	1294	0.11	ng	-0.01
5) Phenol-d6	6.93	99	1298	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	3157	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7209	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	492	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11958	0.24	ng	0.00
25) Fluoranthene-d10	19.15	212	73310	0.20	ng	0.00
29) Terphenyl-d14	19.75	244	14223	0.24	ng	0.00

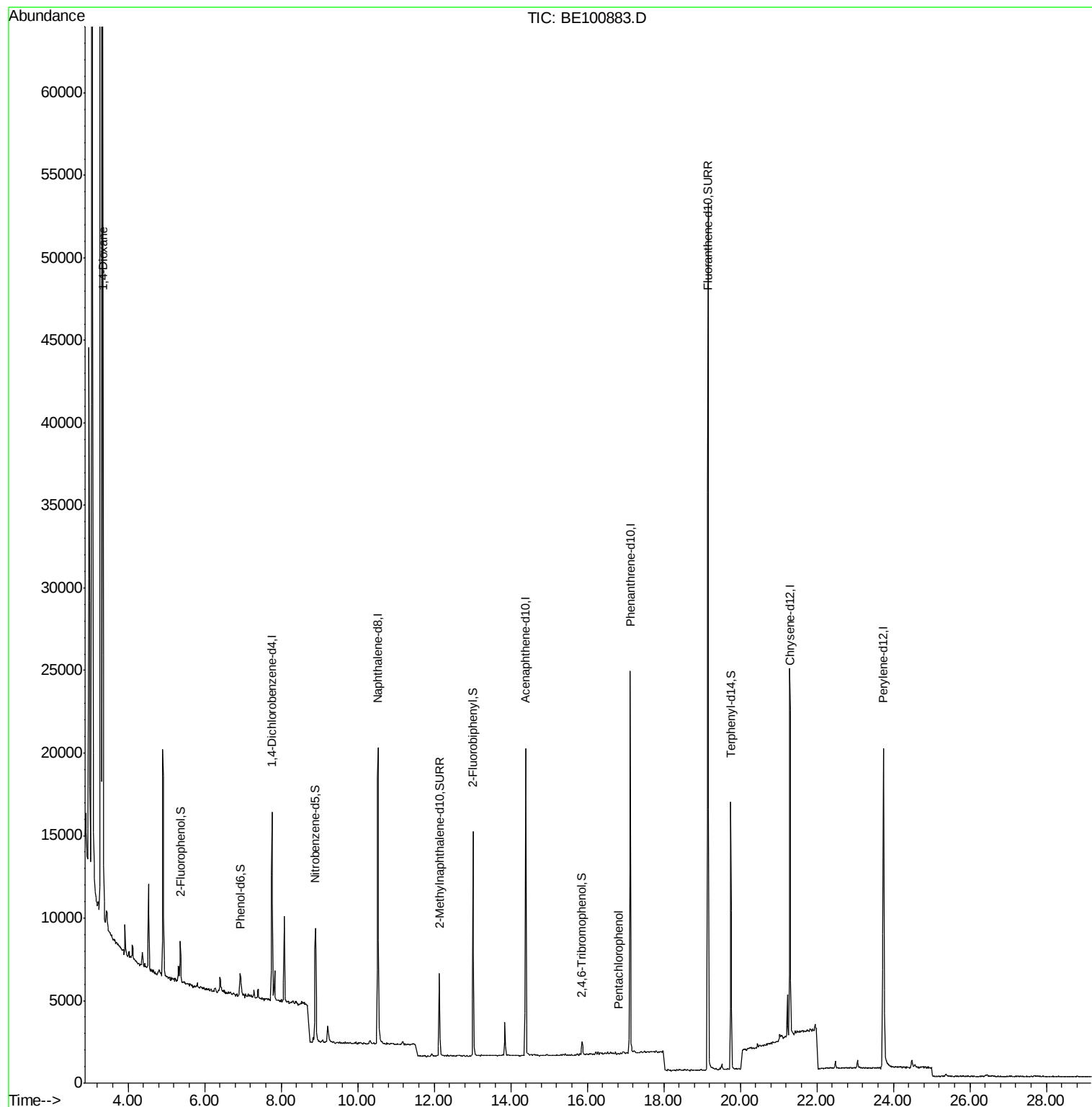
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	36024	3.912	ng	# 88
22) Pentachlorophenol	16.81	266	28	0.025	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.23	149	2694	Below Cal		# 89

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

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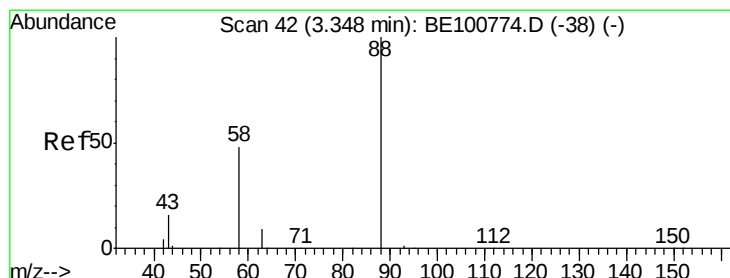
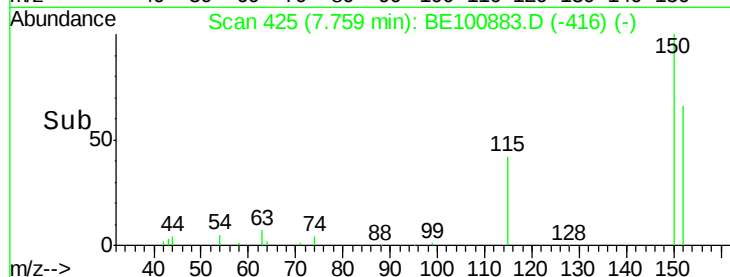
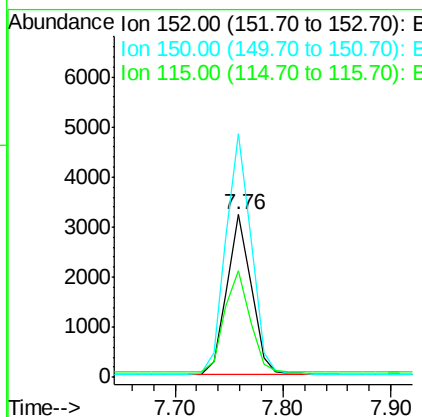
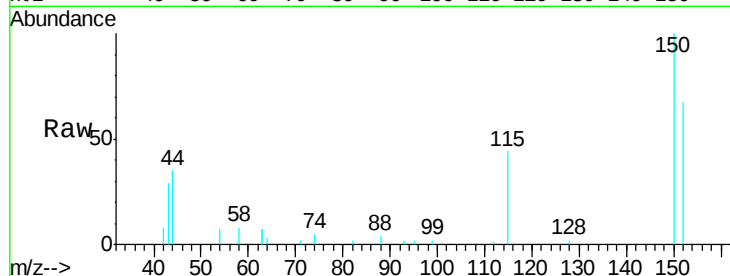


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BE100883.D
 Acq: 13 Dec 2019 12:46

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205DL

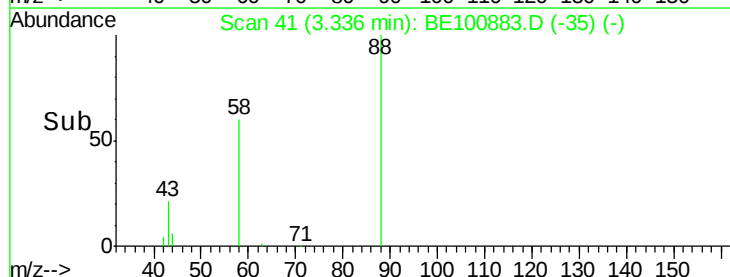
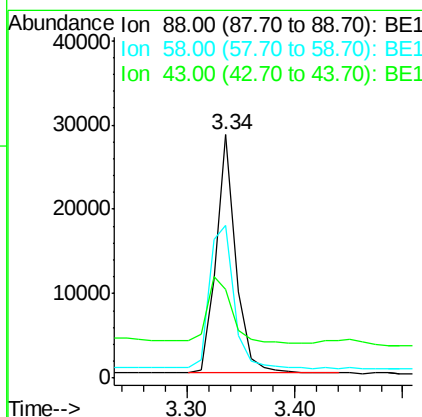
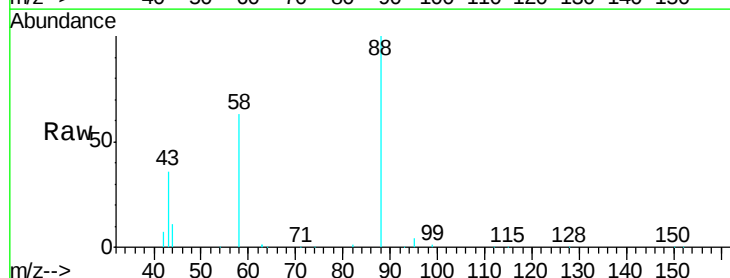
Tgt Ion: 152 Resp: 5051
 Ion Ratio Lower Upper
 152 100
 150 149.7 125.5 188.3
 115 65.8 55.7 83.5



#2

1,4-Dioxane
 Concen: 3.912 ng
 RT: 3.34 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BE100883.D
 Acq: 13 Dec 2019 12:46

Tgt Ion: 88 Resp: 36024
 Ion Ratio Lower Upper
 88 100
 58 74.8 52.3 78.5
 43 35.5 23.5 35.3#





#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

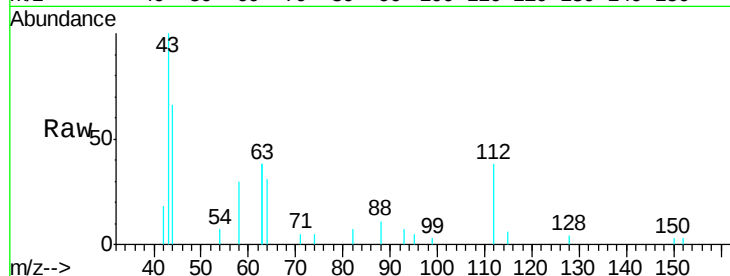
Tgt Ion: 112 Resp: 1294

Ion Ratio Lower Upper

112 100

64 68.4 54.5 81.7

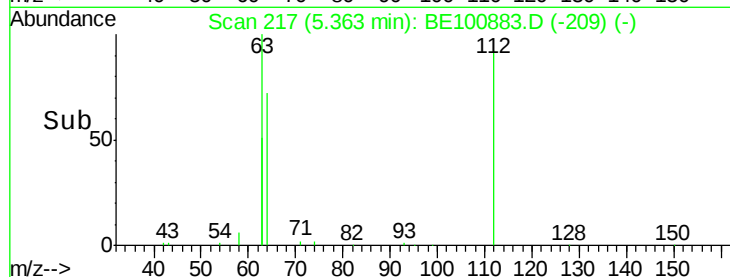
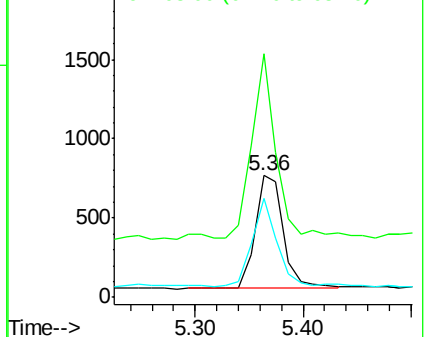
63 138.9 116.1 174.1



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: 0.072 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

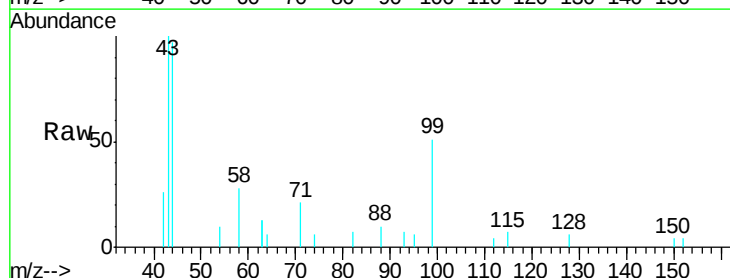
Tgt Ion: 99 Resp: 1298

Ion Ratio Lower Upper

99 100

42 38.8 18.2 27.2#

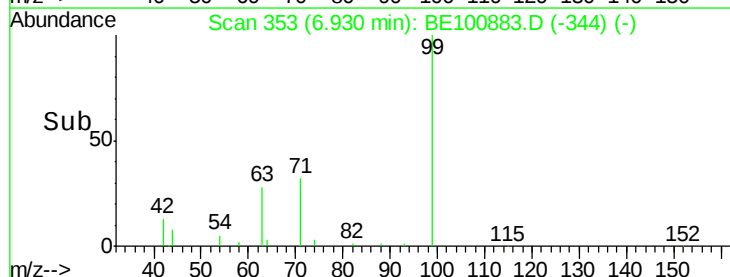
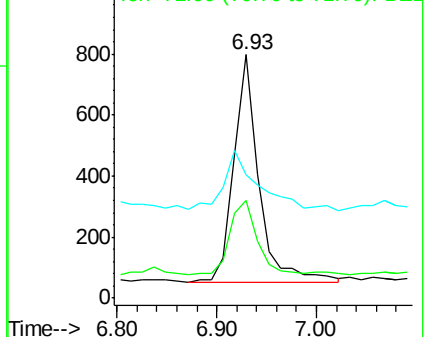
71 35.4 29.1 43.7



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: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

Tgt Ion: 136 Resp: 22355

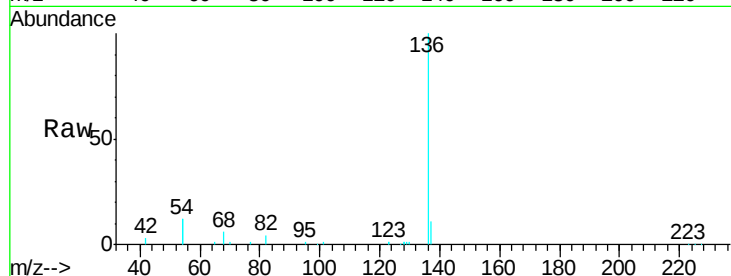
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 24.6 18.9 28.3

68 5.6 4.6 6.8

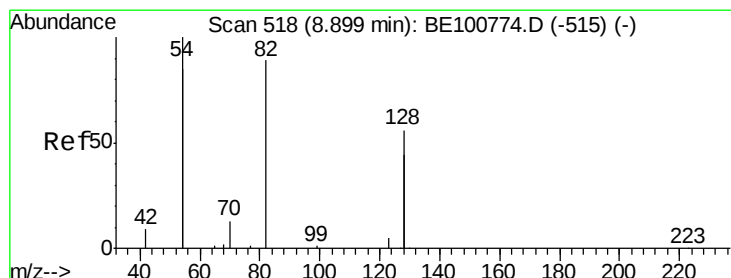
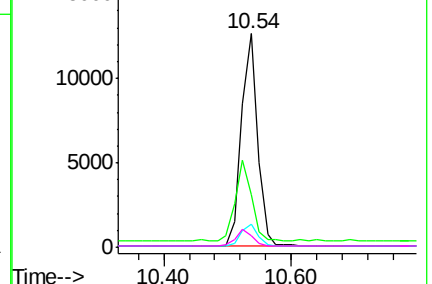
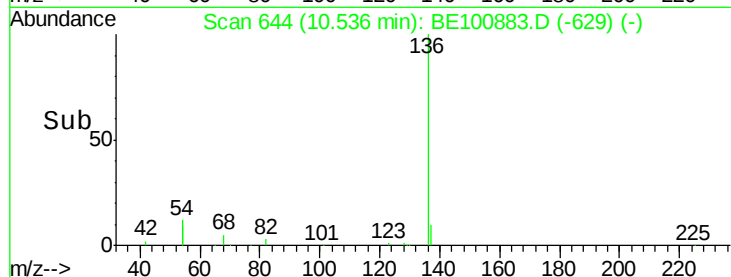


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

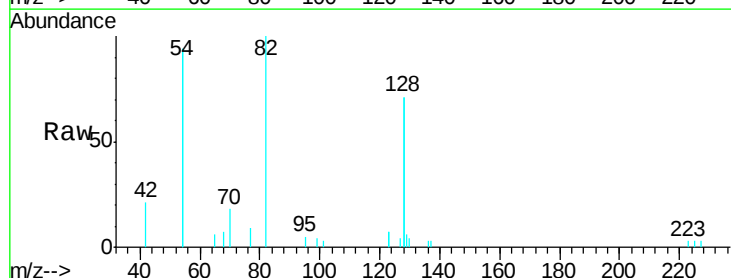
Tgt Ion: 82 Resp: 3157

Ion Ratio Lower Upper

82 100

128 141.2 113.5 170.3

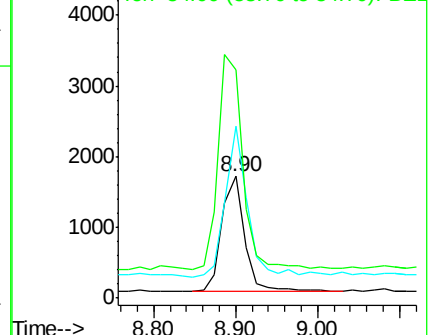
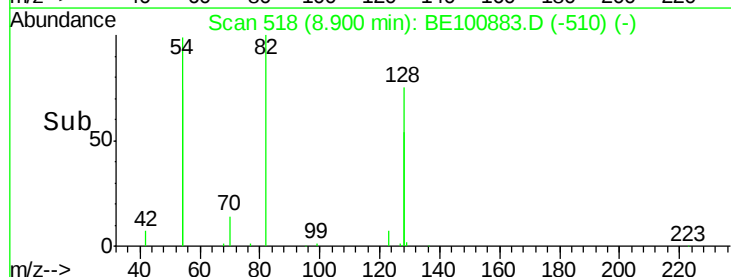
54 187.1 138.9 208.3

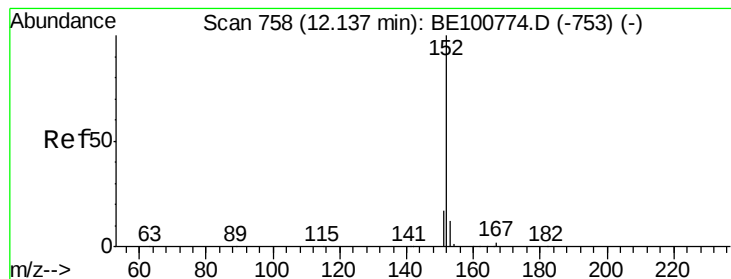


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.223 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

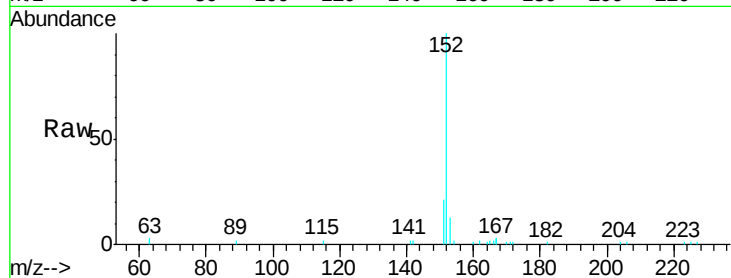
RE131D1-20191205DL

Tgt Ion:152 Resp: 7209

Ion Ratio Lower Upper

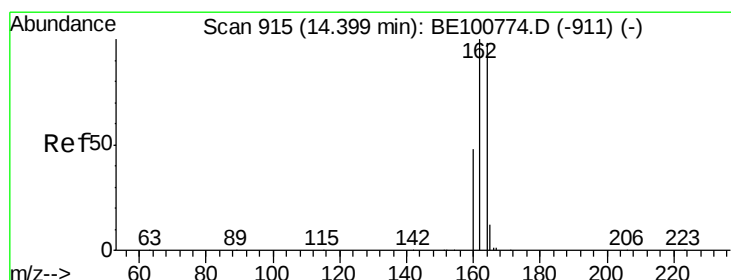
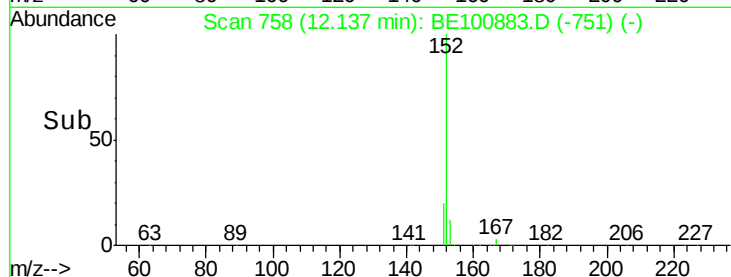
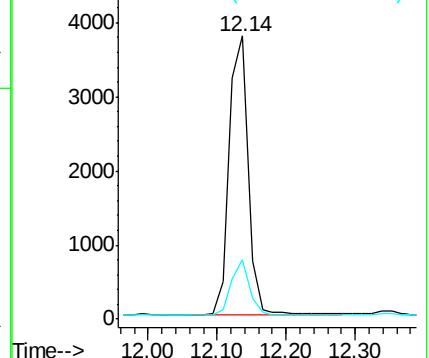
152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

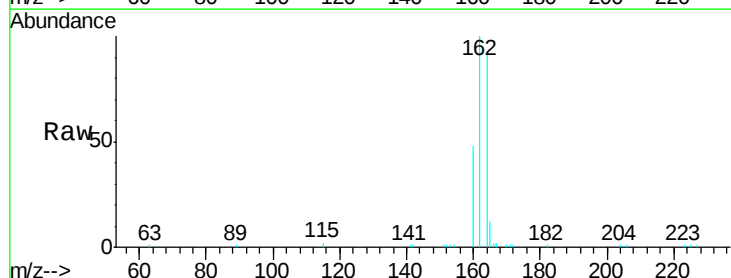
Tgt Ion:164 Resp: 12501

Ion Ratio Lower Upper

164 100

162 108.9 86.0 129.0

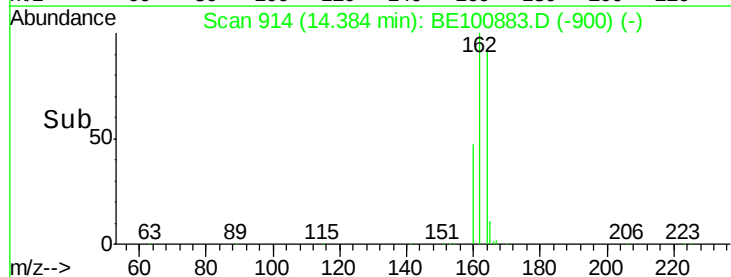
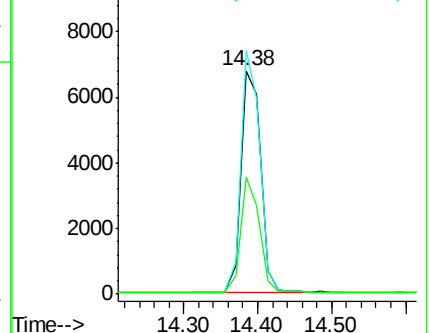
160 52.1 42.3 63.5



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

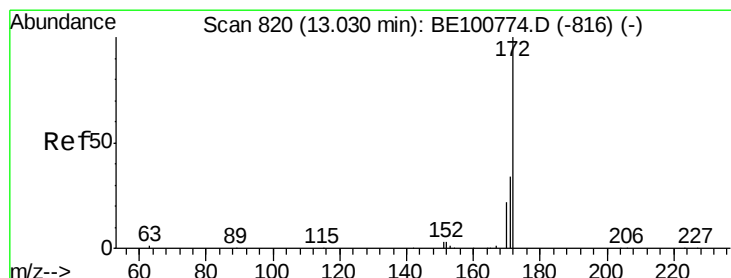
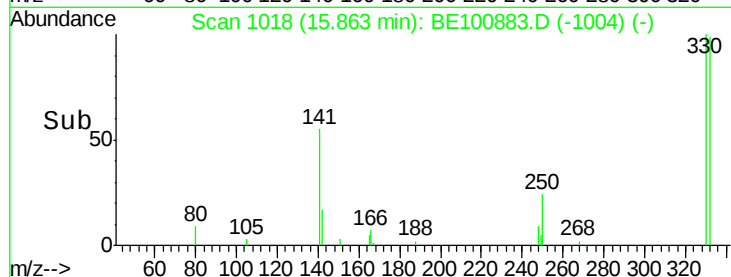
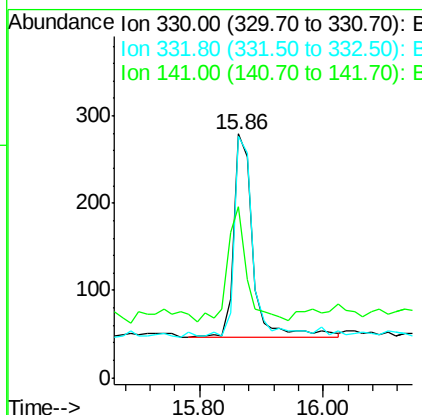
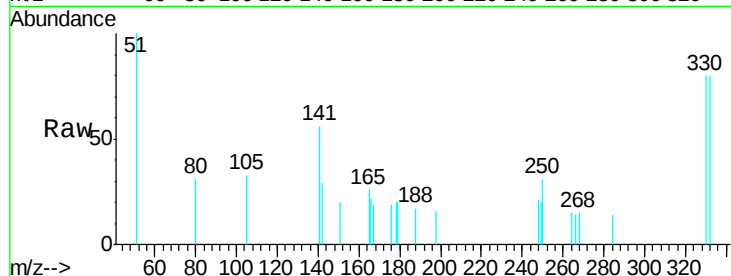




#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100883.D
 Acq: 13 Dec 2019 12:46

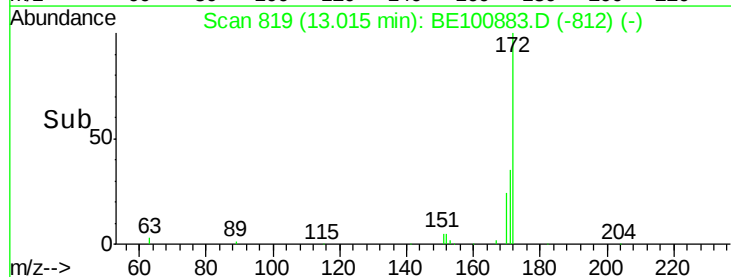
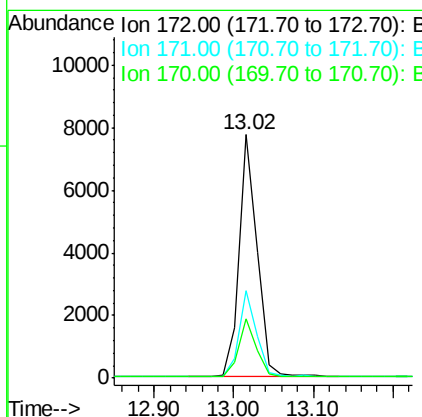
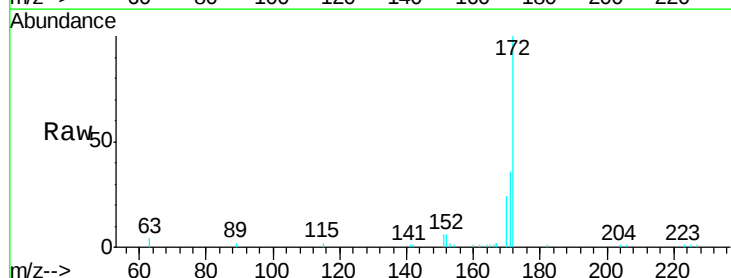
Instrument :
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 RE131D1-20191205DL

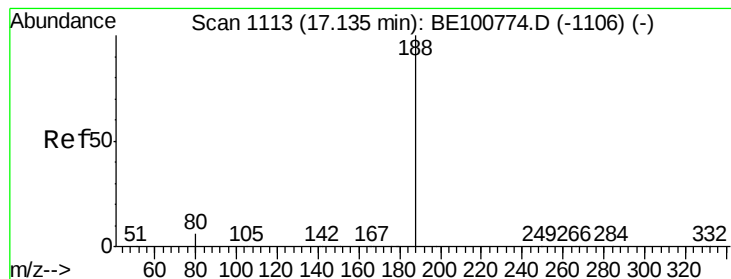
Tgt Ion: 330 Resp: 492
 Ion Ratio Lower Upper
 330 100
 332 92.1 74.1 111.1
 141 57.7 46.7 70.1



#15
 2-Fluorobiphenyl
 Concen: 0.241 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100883.D
 Acq: 13 Dec 2019 12:46

Tgt Ion: 172 Resp: 11958
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.2 42.4
 170 24.3 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: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

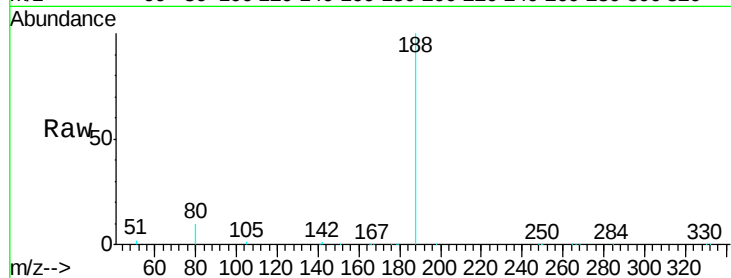
Tgt Ion:188 Resp: 30369

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

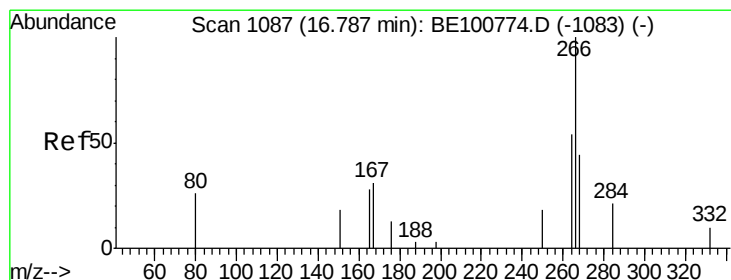
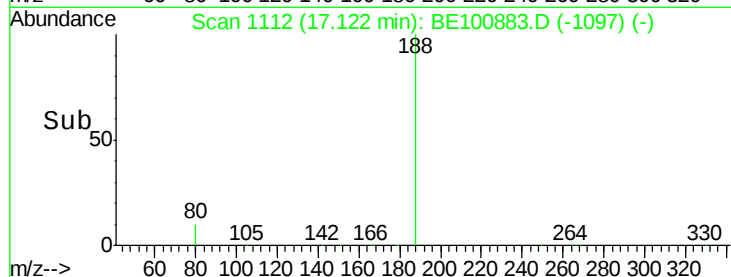
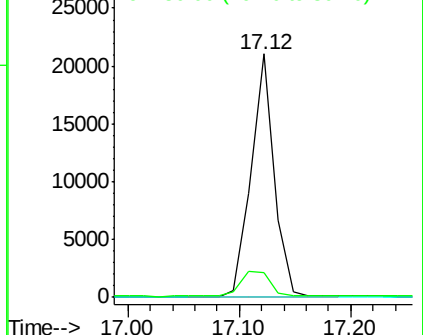
80 10.2 7.9 11.9



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



#22

Pentachlorophenol

Concen: 0.025 ng

RT: 16.81 min Scan# 1089

Delta R.T. 0.03 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

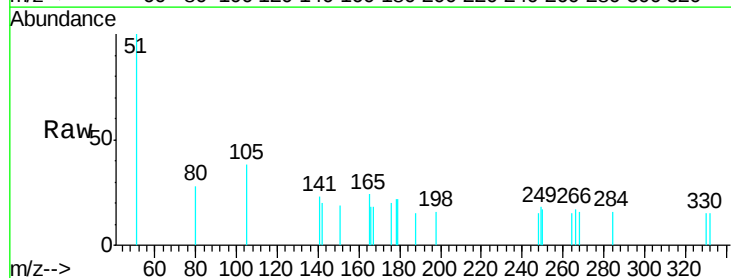
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 89.7 55.1 82.7#

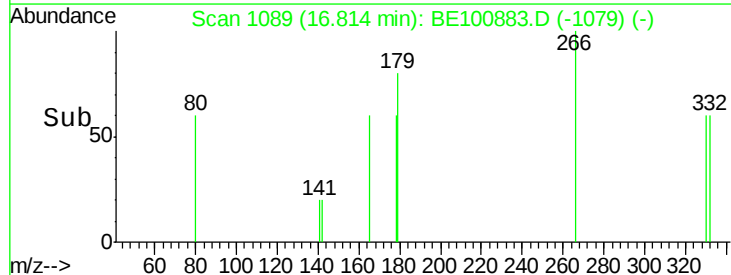
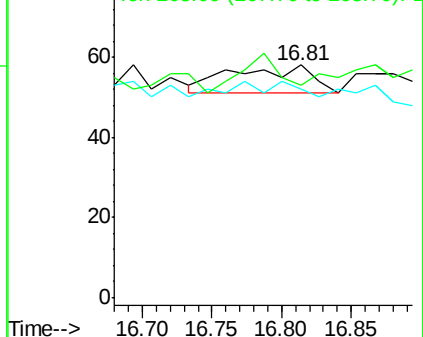
268 91.4 50.7 76.1#

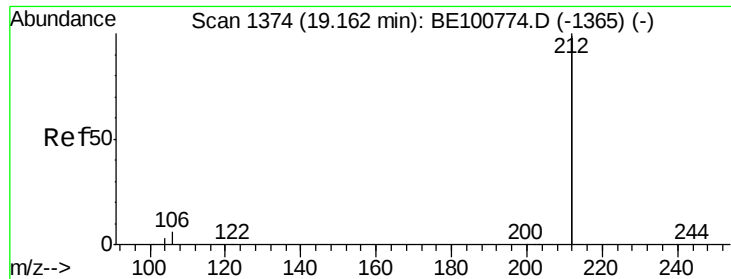


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

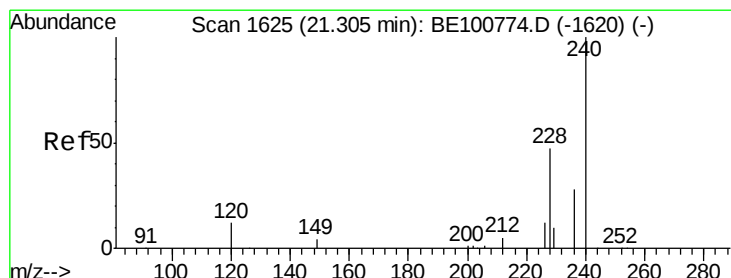
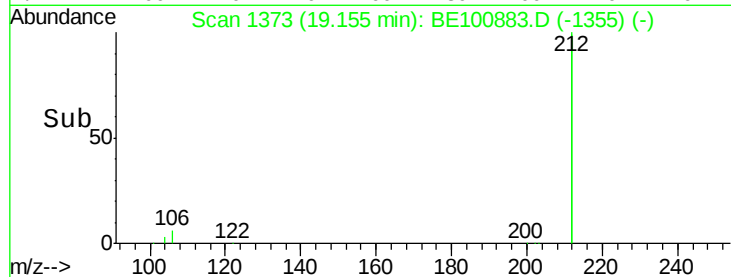
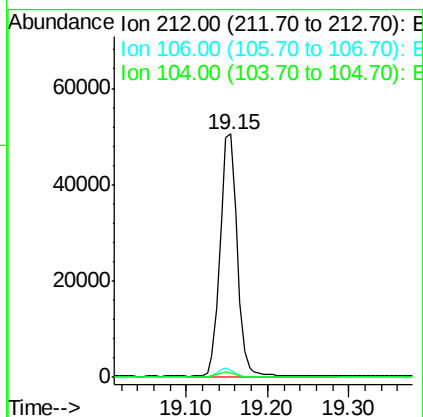
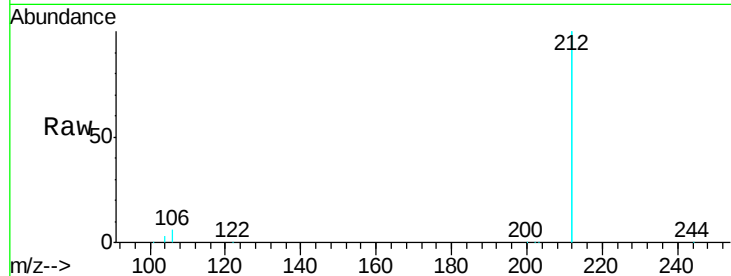
Instrument :

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Tgt Ion:	212	Resp:	73310
Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2



#27

Chrysene-d12

Concen: 0.400 ng

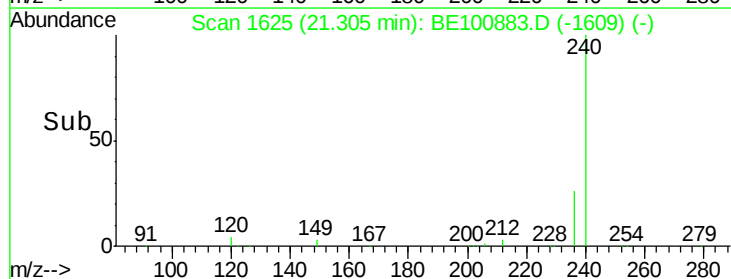
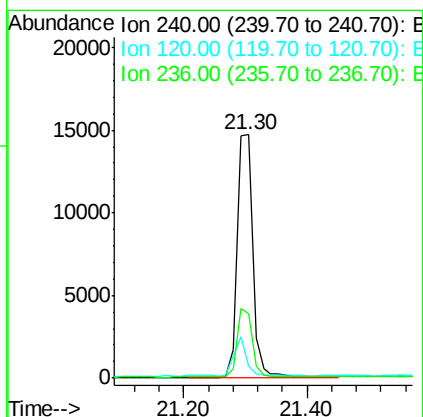
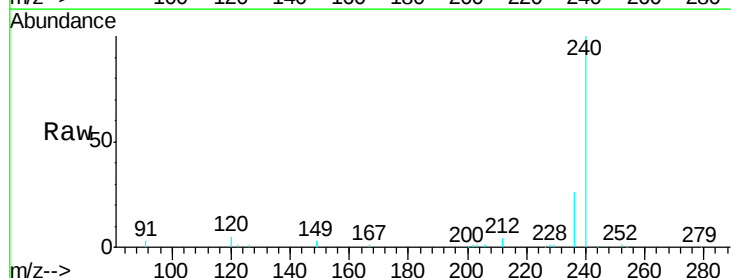
RT: 21.30 min Scan# 1625

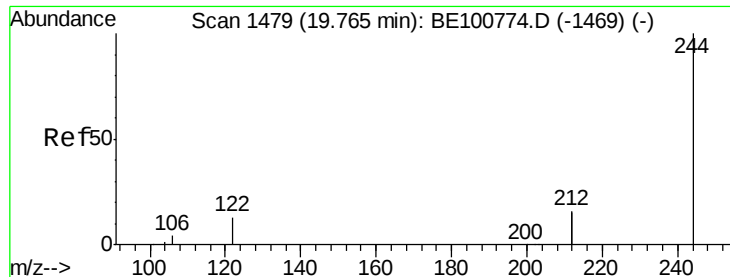
Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Tgt Ion:	240	Resp:	25245
Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.0	6.0
236	26.4	21.6	32.4





#29

Terphenyl-d14

Concen: 0.235 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

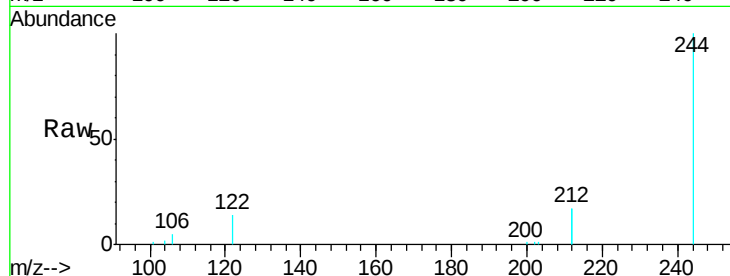
Tgt Ion:244 Resp: 14223

Ion Ratio Lower Upper

244 100

212 34.2 25.2 37.8

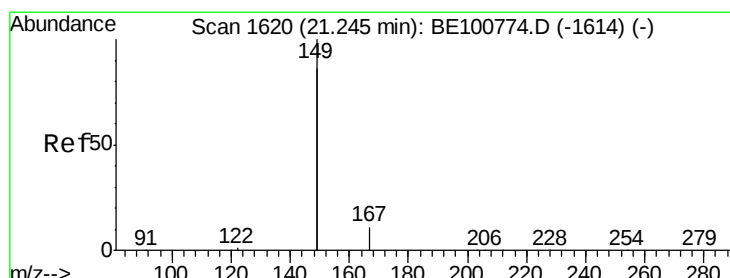
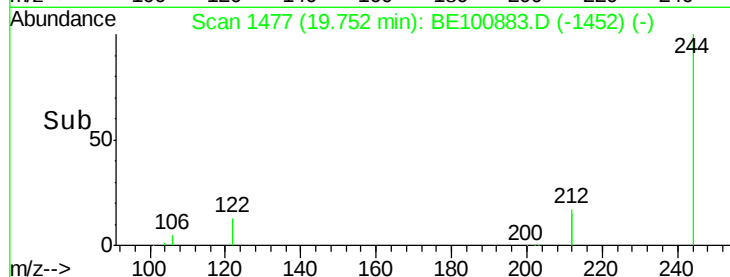
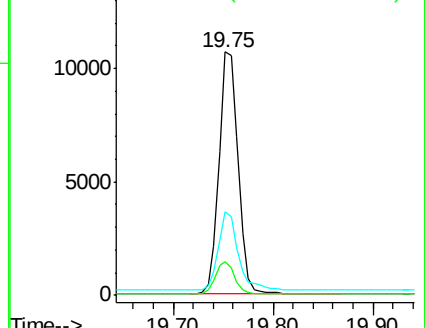
122 13.9 8.9 13.3#



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: BE100883.D

Acq: 13 Dec 2019 12:46

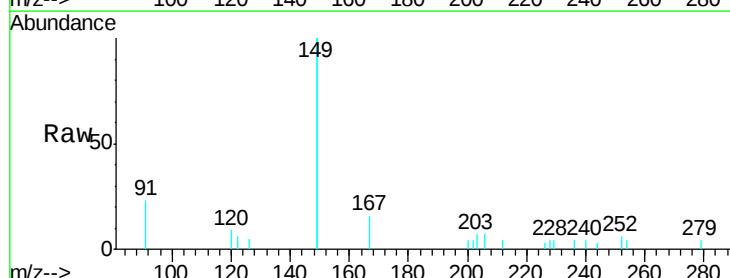
Tgt Ion:149 Resp: 2694

Ion Ratio Lower Upper

149 100

167 10.3 5.0 7.4#

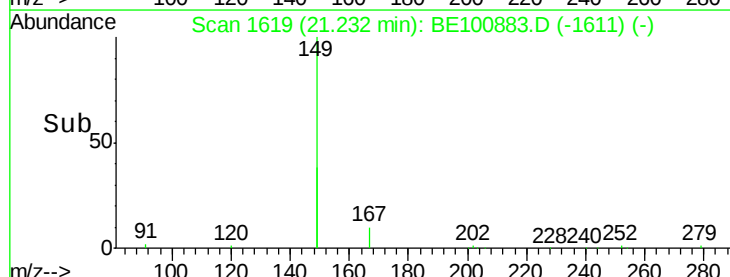
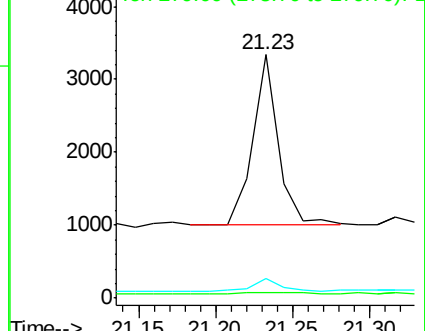
279 2.5 0.6 1.0#

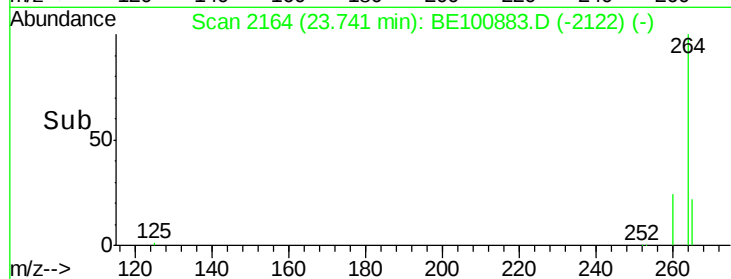
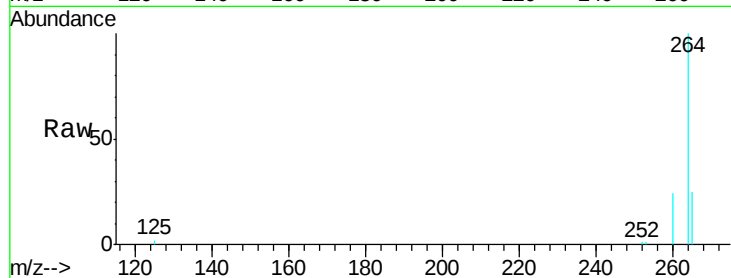


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

Tgt Ion: 264 Resp: 29236

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 24.7 20.1 30.1

