

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100835.D
 Acq On : 11 Dec 2019 6:39
 Operator : JU
 Sample : K6185-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204

Quant Time: Dec 11 08:36:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

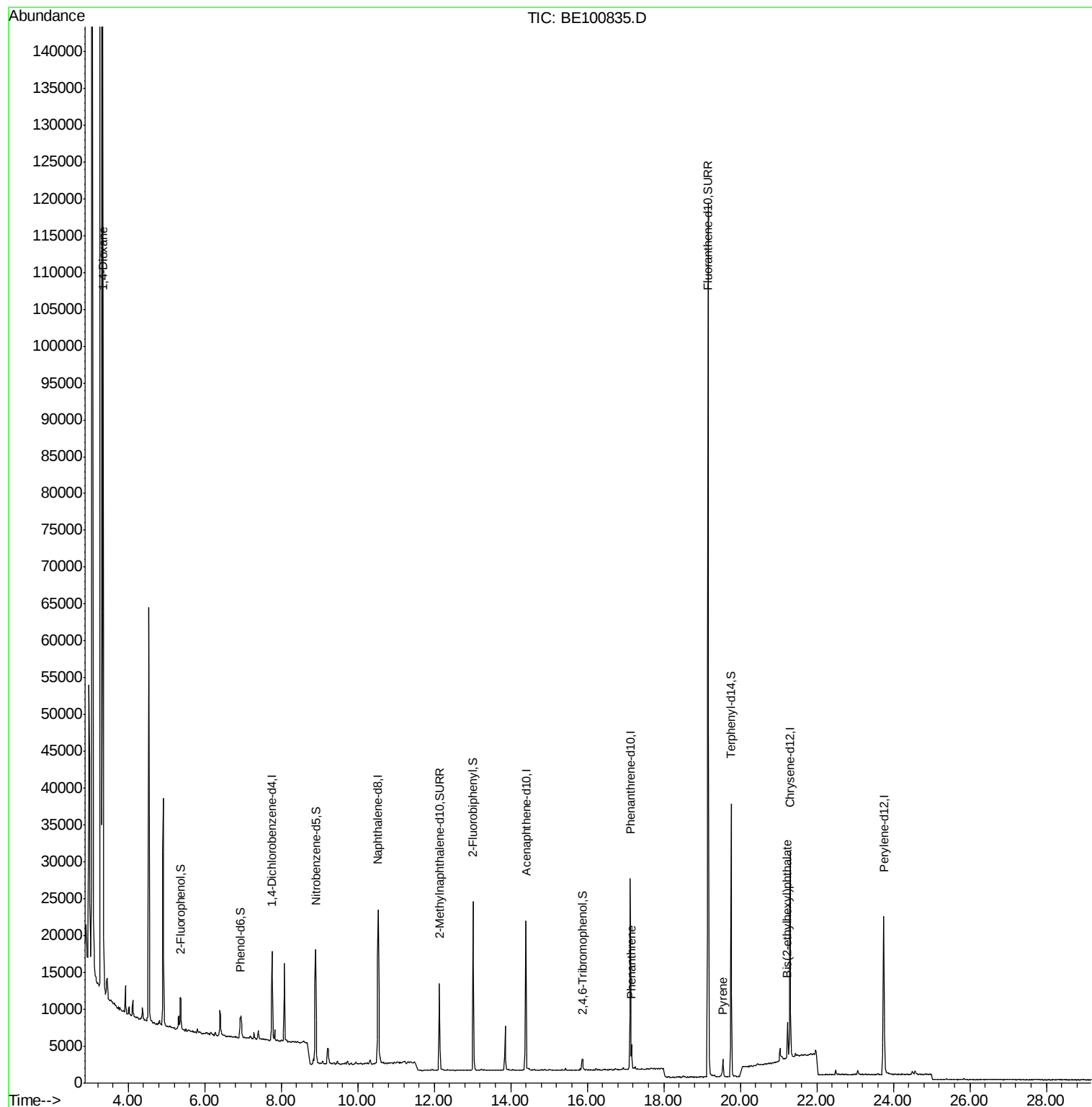
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5087	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23634	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14353	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33313	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	27973	0.40	ng	0.00
34) Perylene-d12	23.75	264	32249	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2478	0.21	ng	0.00
5) Phenol-d6	6.93	99	2291	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6332	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15502	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	1018	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	21521	0.38	ng	-0.01
25) Fluoranthene-d10	19.16	212	154988	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	29533	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	73522	7.927	ng	Qvalue 90
23) Phenanthrene	17.16	178	3393	0.034	ng	97
28) Pyrene	19.55	202	2142	0.024	ng	97
32) Bis(2-ethylhexyl)phthalate	21.23	149	6795	0.064	ng	# 95

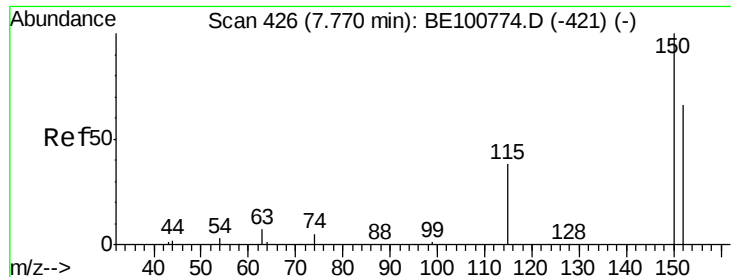
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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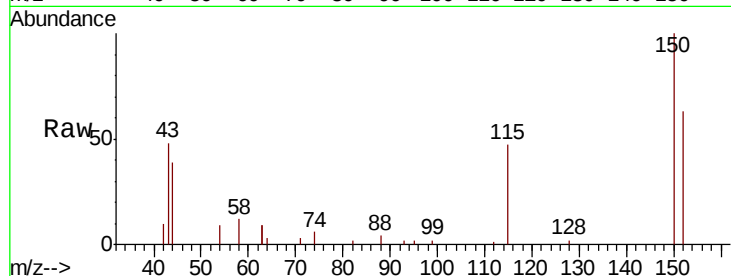


#1

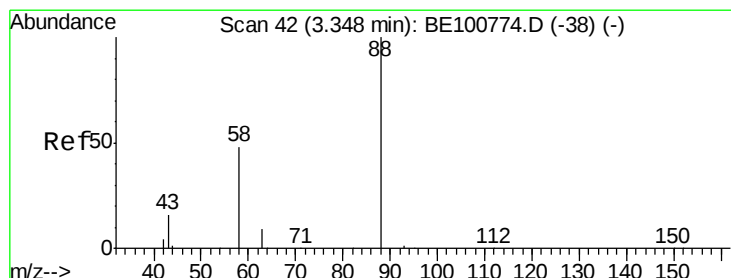
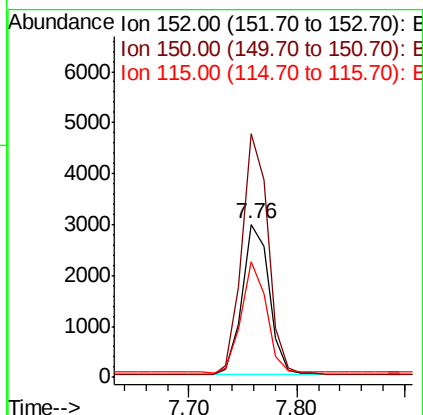
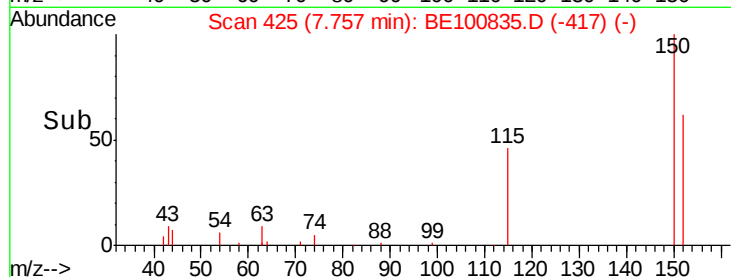
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100835.D
Acq: 11 Dec 2019 6:39

Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204

Tot Ion:152 Resp: 5087
Ion Ratio Lower Upper
152 100
150 159.3 120.6 181.0
115 75.3 47.4 71.2#



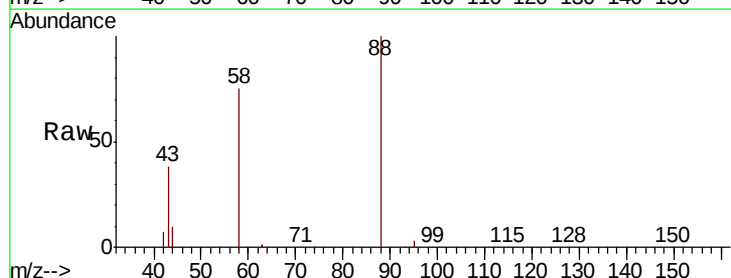
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



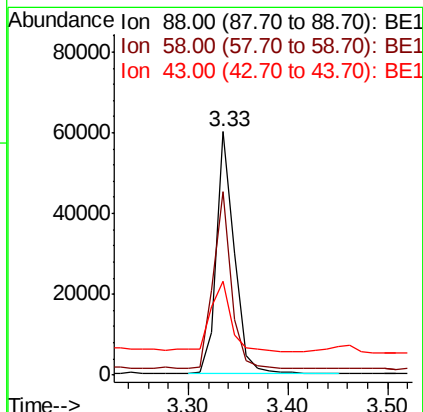
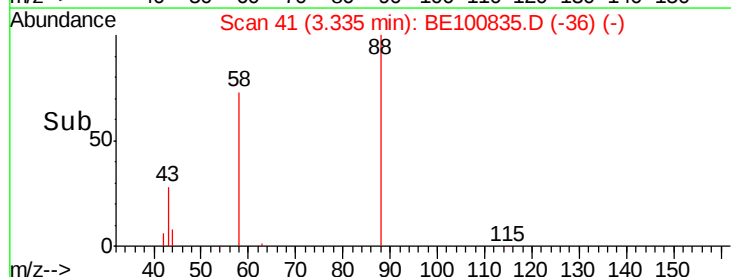
#2

1,4-Dioxane
Concen: 7.927 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100835.D
Acq: 11 Dec 2019 6:39

Tgt Ion: 88 Resp: 73522
Ion Ratio Lower Upper
88 100
58 74.4 52.5 78.7
43 33.3 23.0 34.6



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: 0.205 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204

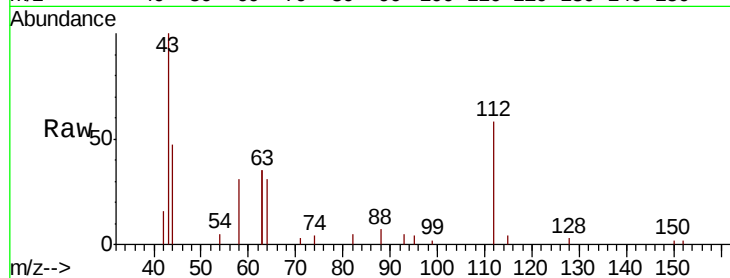
Tot Ion: 112 Resp: 2478

Ion Ratio Lower Upper

112 100

64 65.7 54.1 81.1

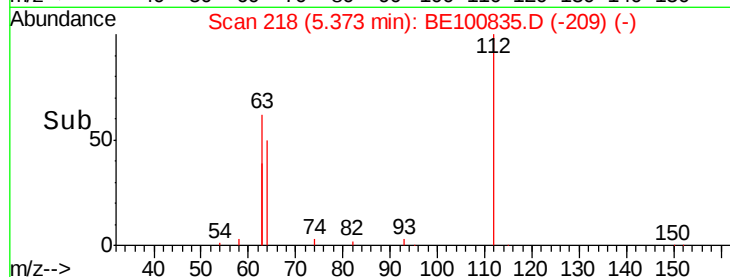
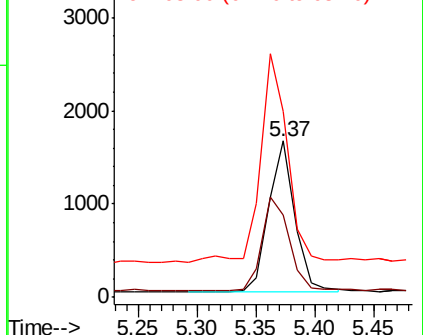
63 141.9 113.2 169.8



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: 0.126 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

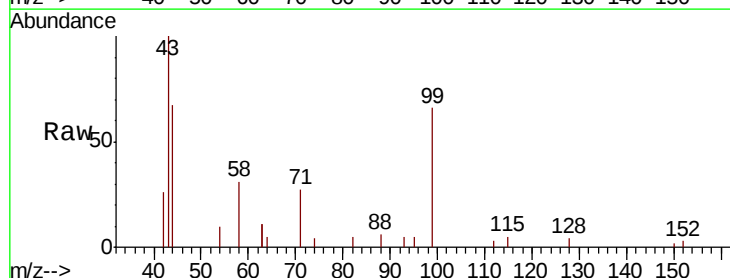
Tgt Ion: 99 Resp: 2291

Ion Ratio Lower Upper

99 100

42 33.0 19.1 28.7#

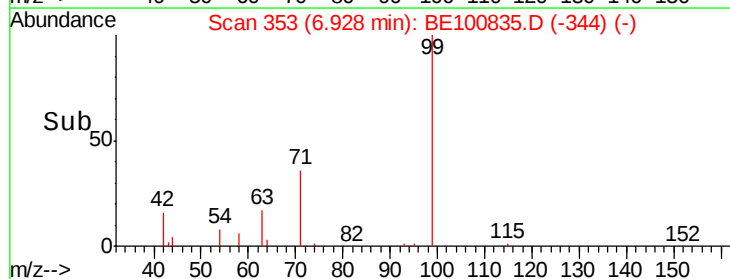
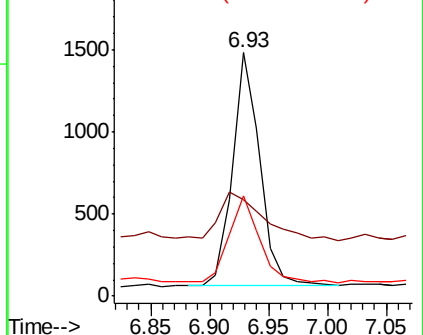
71 41.8 27.7 41.5#



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: BE100835.D

Acq: 11 Dec 2019 6:39

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204

Tot Ion:136 Resp: 23634

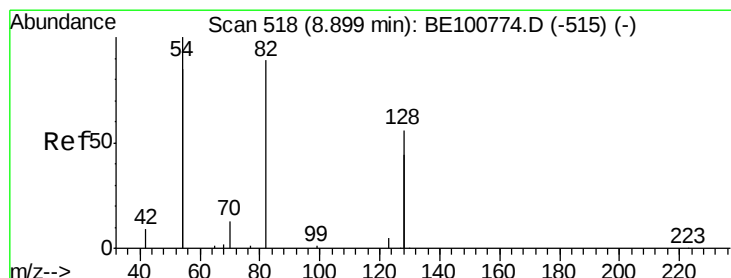
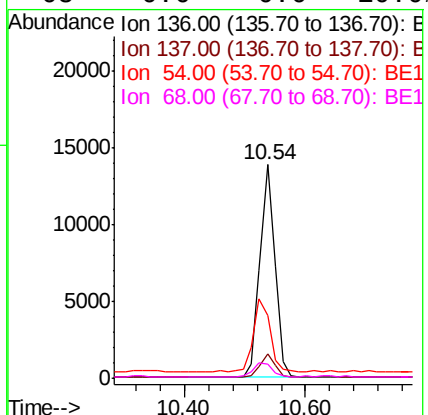
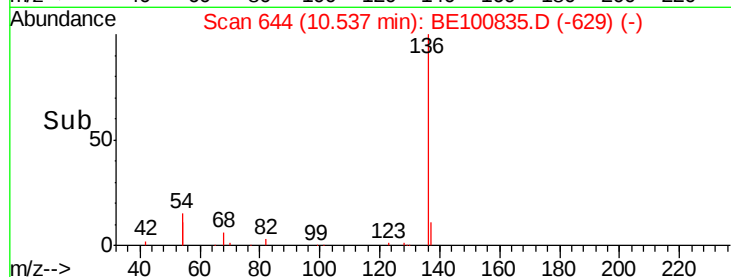
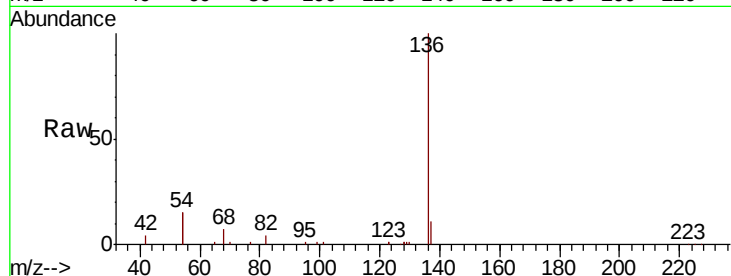
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 29.6 31.1 46.7#

68 6.6 6.6 10.0#



#8

Nitrobenzene-d5

Concen: 0.563 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

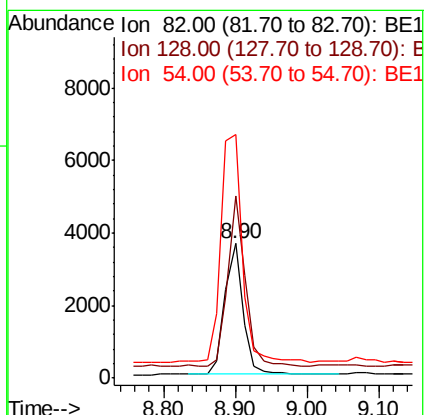
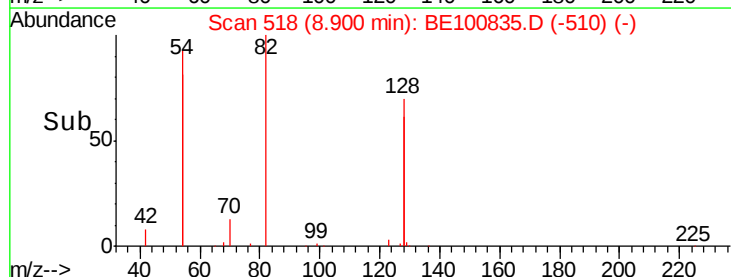
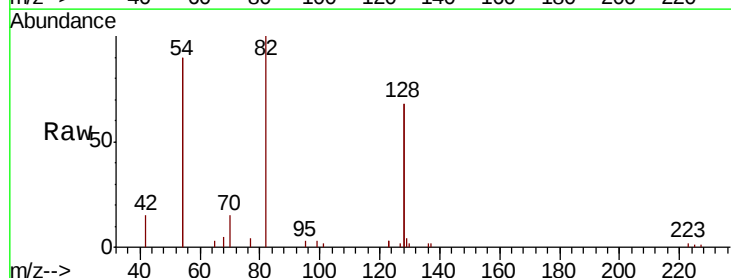
Tgt Ion: 82 Resp: 6332

Ion Ratio Lower Upper

82 100

128 135.2 97.0 145.4

54 180.9 171.8 257.6





#11

2-Methylnaphthalene-d10

Concen: 0.453 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

Instrument :

BNA_E

ClientSampleId :

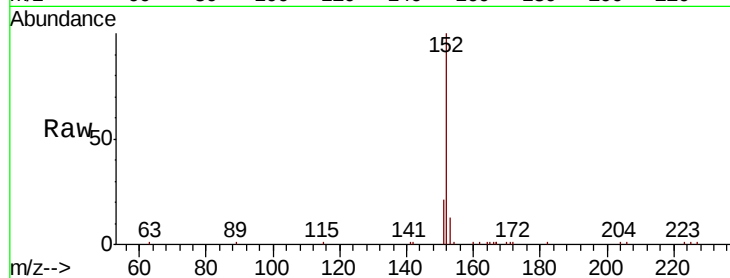
RE134D3-20191204

Tot Ion:152 Resp: 15502

Ion Ratio Lower Upper

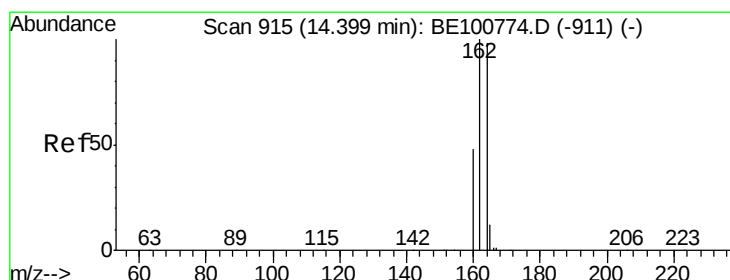
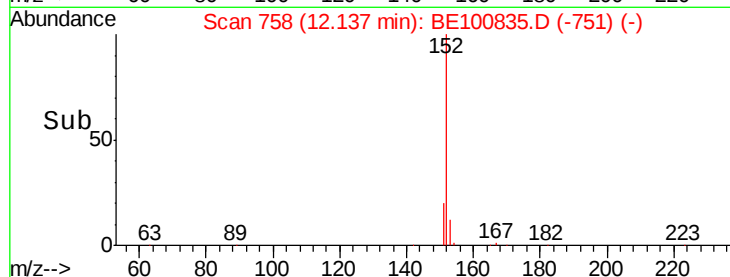
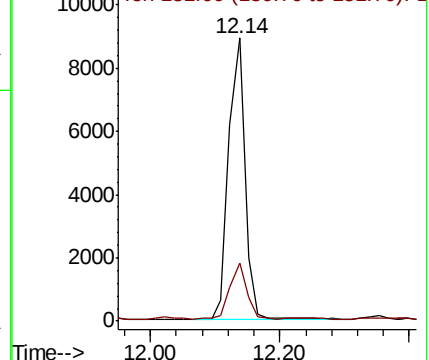
152 100

151 20.3 15.8 23.8



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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

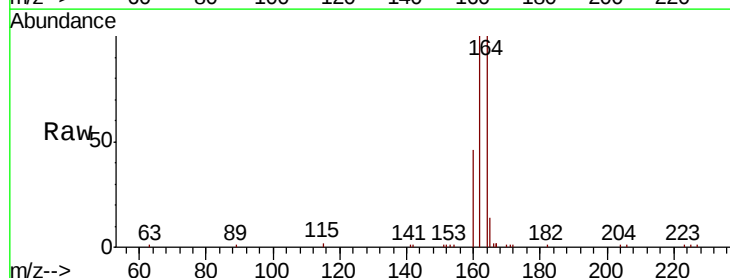
Tgt Ion:164 Resp: 14353

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

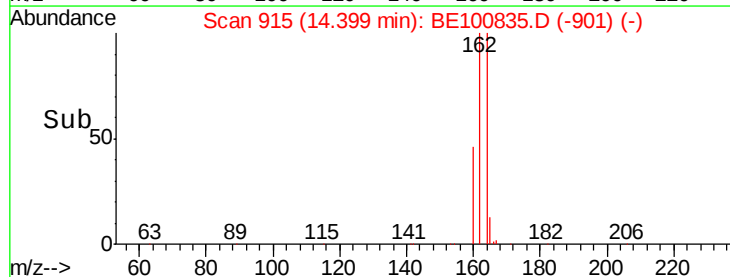
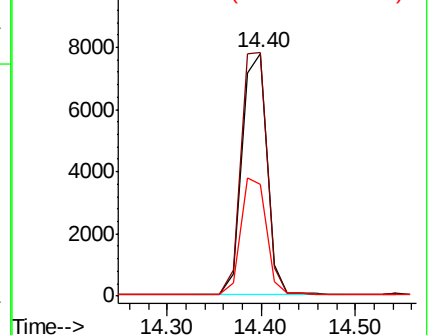
160 46.3 39.4 59.0



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

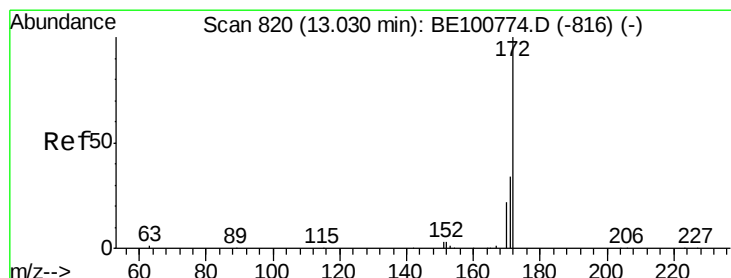
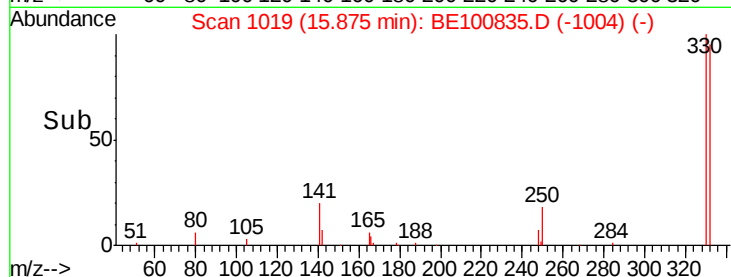
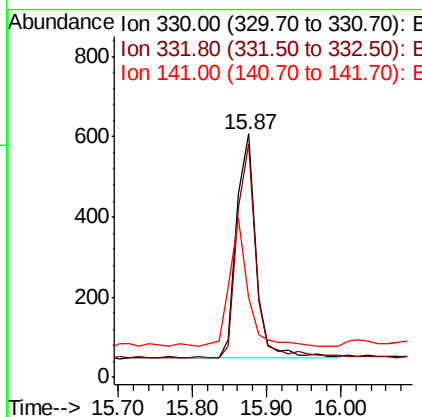
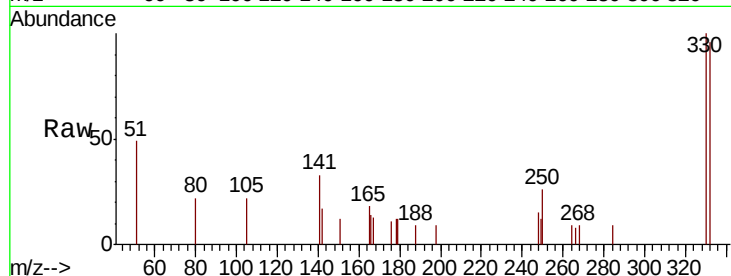




#14
 2,4,6-Tribromophenol
 Concen: 0.638 ng
 RT: 15.87 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100835.D
 Acq: 11 Dec 2019 6:39

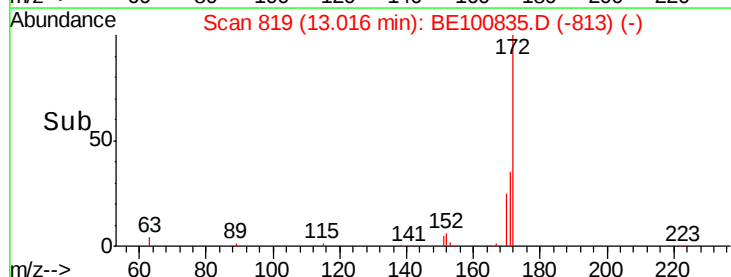
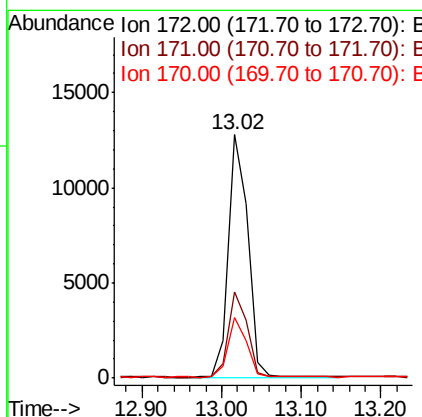
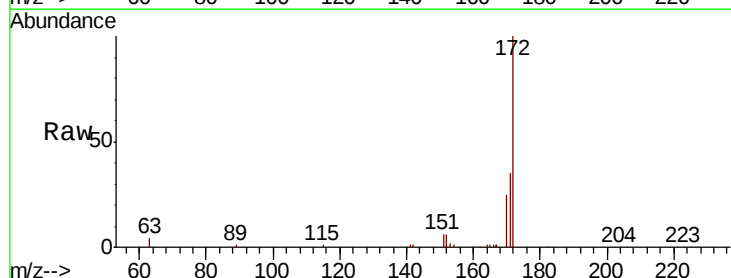
Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204

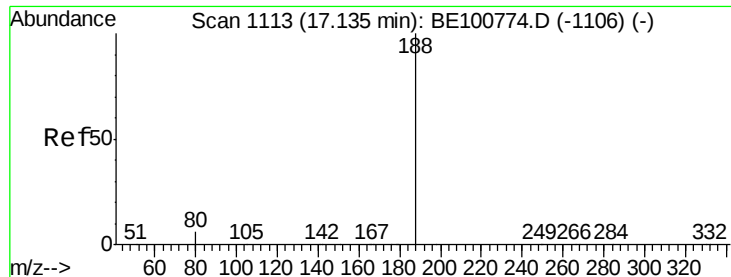
Tot Ion:330 Resp: 1018
 Ion Ratio Lower Upper
 330 100
 332 95.4 69.4 104.2
 141 54.6 51.1 76.7



#15
 2-Fluorobiphenyl
 Concen: 0.378 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100835.D
 Acq: 11 Dec 2019 6:39

Tgt Ion:172 Resp: 21521
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.2 40.8
 170 25.0 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204

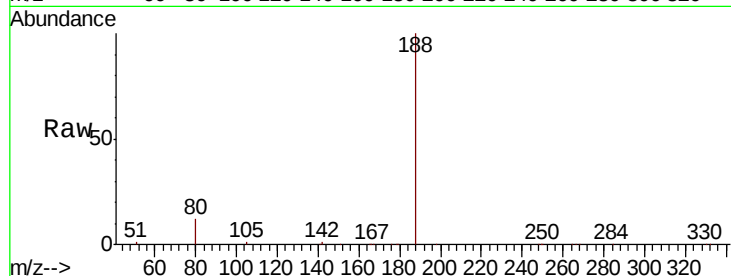
Tot Ion:188 Resp: 33313

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

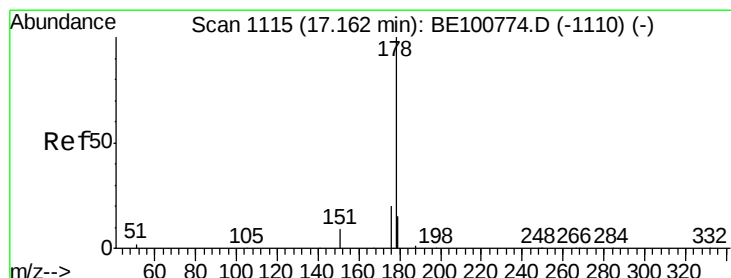
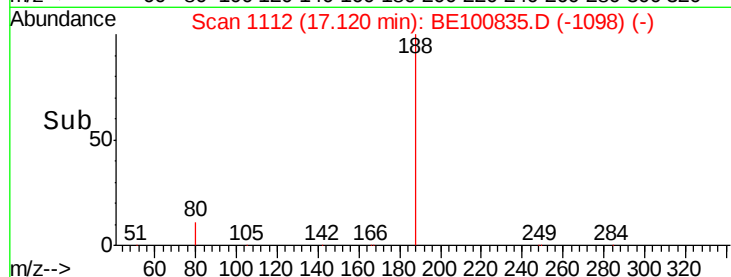
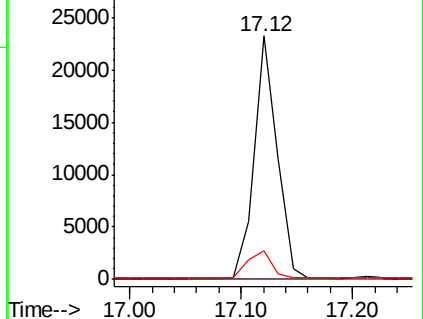
80 11.5 5.2 7.8#



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



#23

Phenanthrene

Concen: 0.034 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

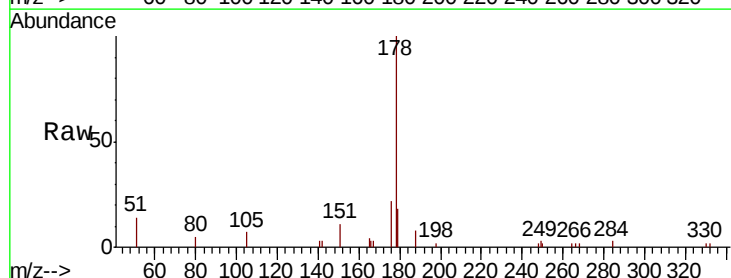
Tgt Ion:178 Resp: 3393

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

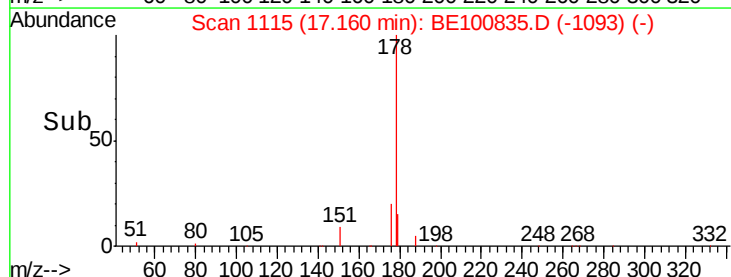
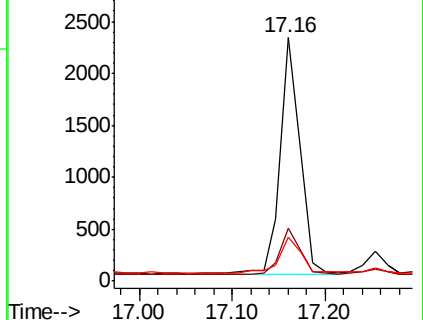
179 17.3 12.3 18.5

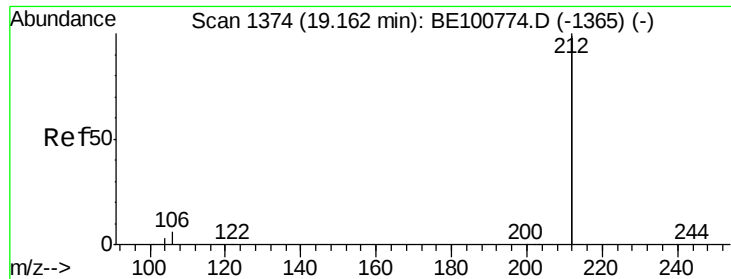


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

Instrument :

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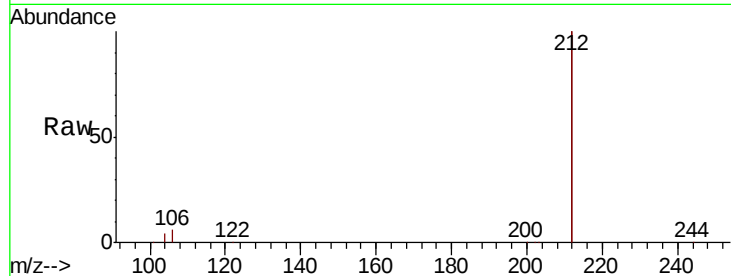
Tot Ion:212 Resp: 154988

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

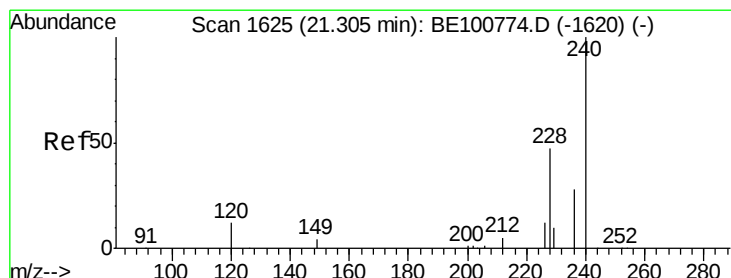
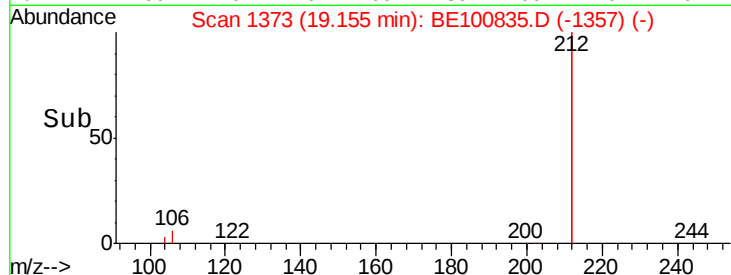
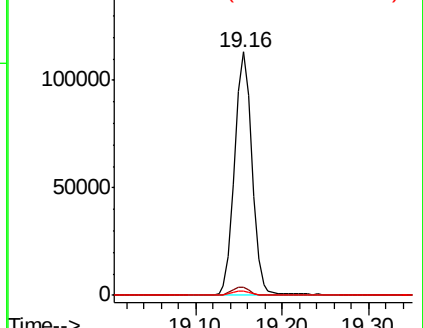
104 1.9 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100835.D

Acq: 11 Dec 2019 6:39

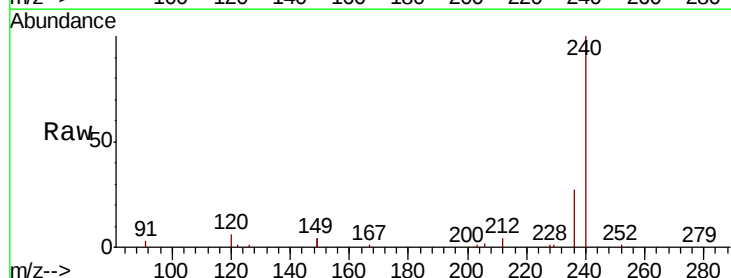
Tgt Ion:240 Resp: 27973

Ion Ratio Lower Upper

240 100

120 6.1 10.2 15.2#

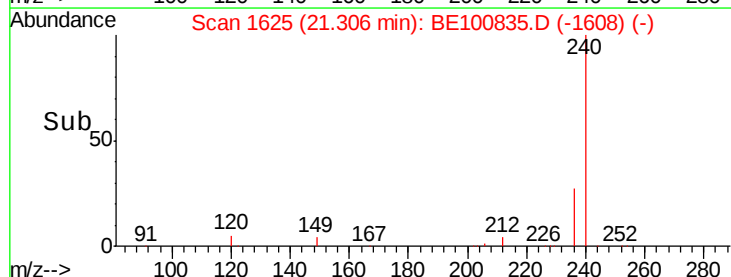
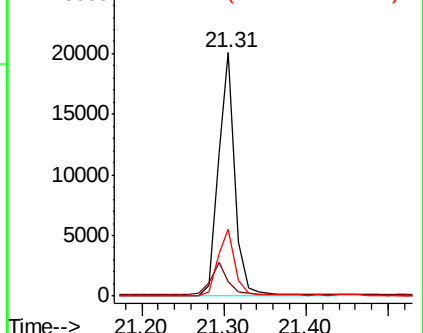
236 27.3 22.3 33.5

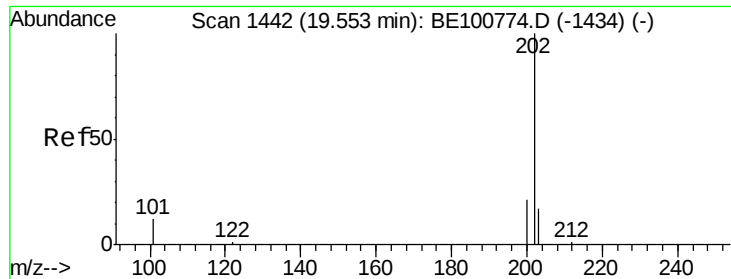


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

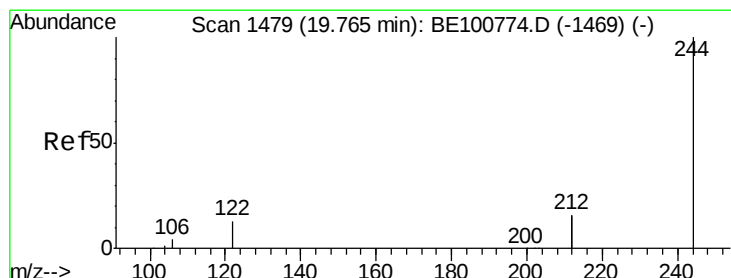
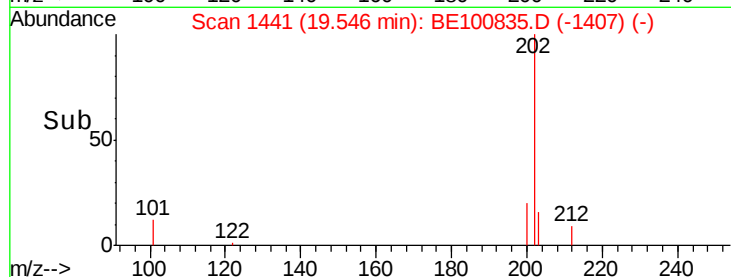
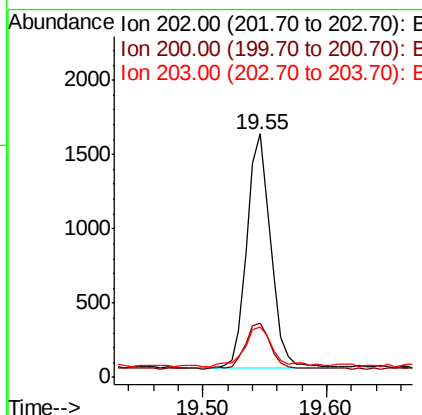
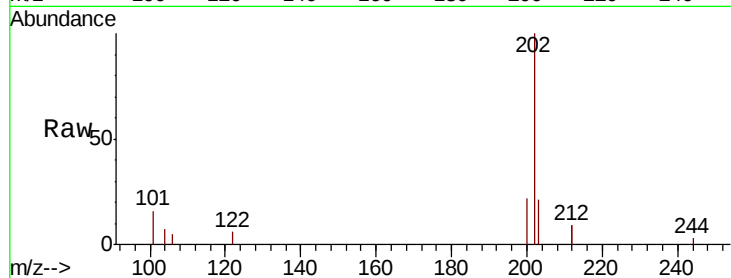




#28
Pvrene
Concen: 0.024 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100835.D
Acq: 11 Dec 2019 6:39

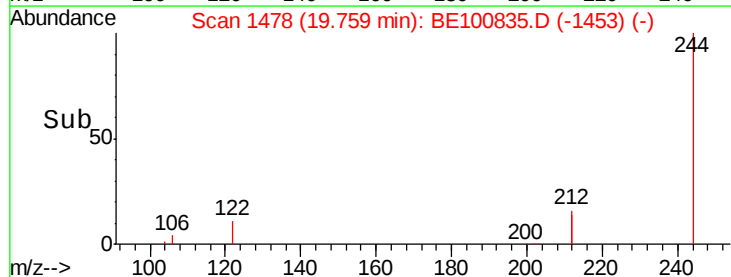
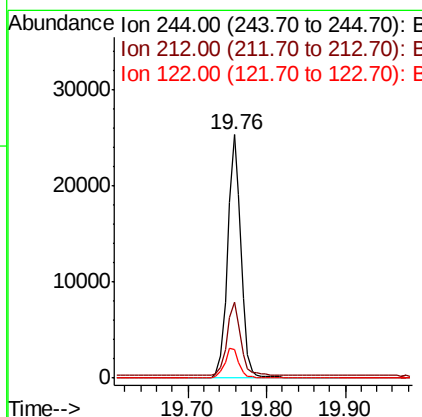
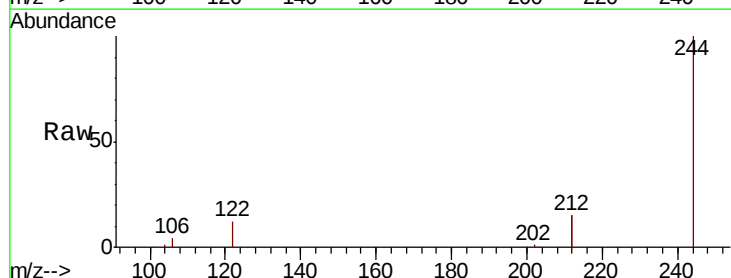
Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204

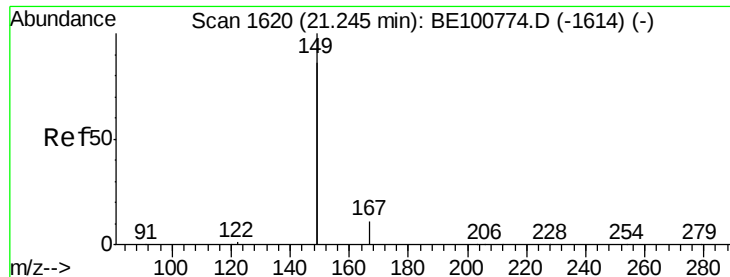
Tot Ion:202 Resp: 2142
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 19.5 13.9 20.9



#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100835.D
Acq: 11 Dec 2019 6:39

Tgt Ion:244 Resp: 29533
Ion Ratio Lower Upper
244 100
212 31.0 26.2 39.4
122 11.6 10.2 15.4

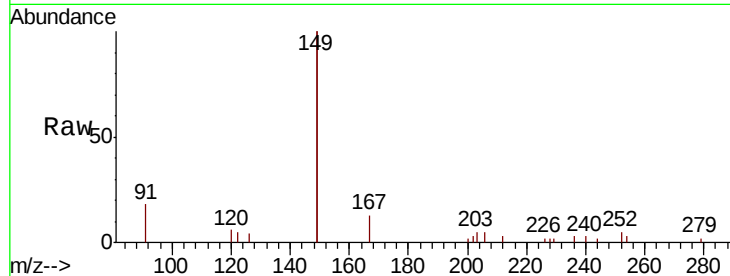




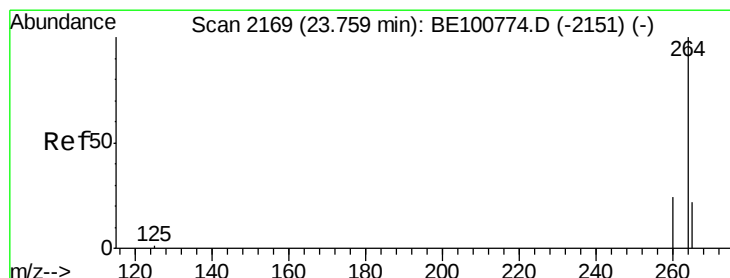
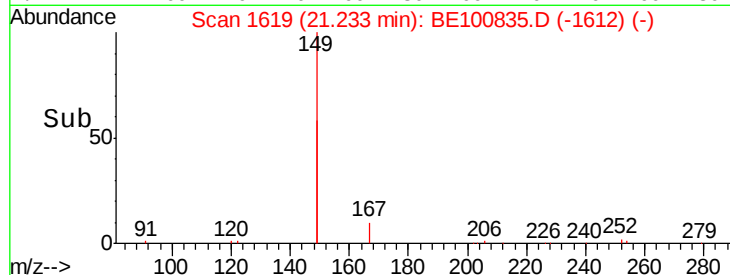
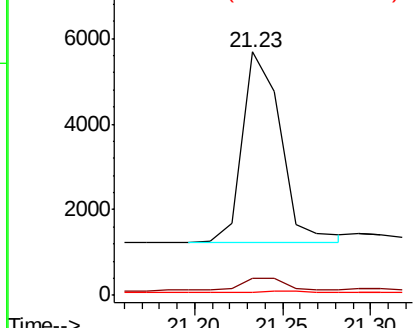
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.064 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100835.D
Acq: 11 Dec 2019 6:39

Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204

Tot Ion:149 Resp: 6795
Ion Ratio Lower Upper
149 100
167 8.3 5.0 7.6#
279 1.4 0.7 1.1#

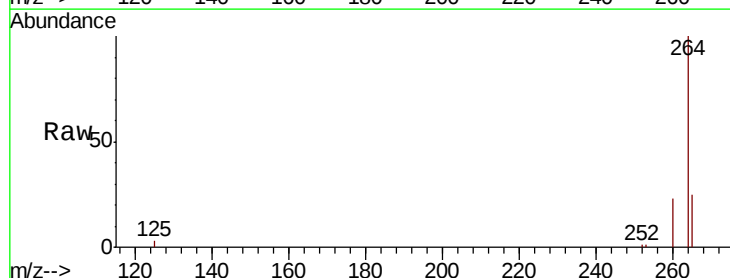


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100835.D
Acq: 11 Dec 2019 6:39

Tgt Ion:264 Resp: 32249
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 24.8 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

