

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100861.D
 Acq On : 12 Dec 2019 1:29
 Operator : JU
 Sample : K6184-05DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D2-20191202DL

Quant Time: Dec 12 05:41:33 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

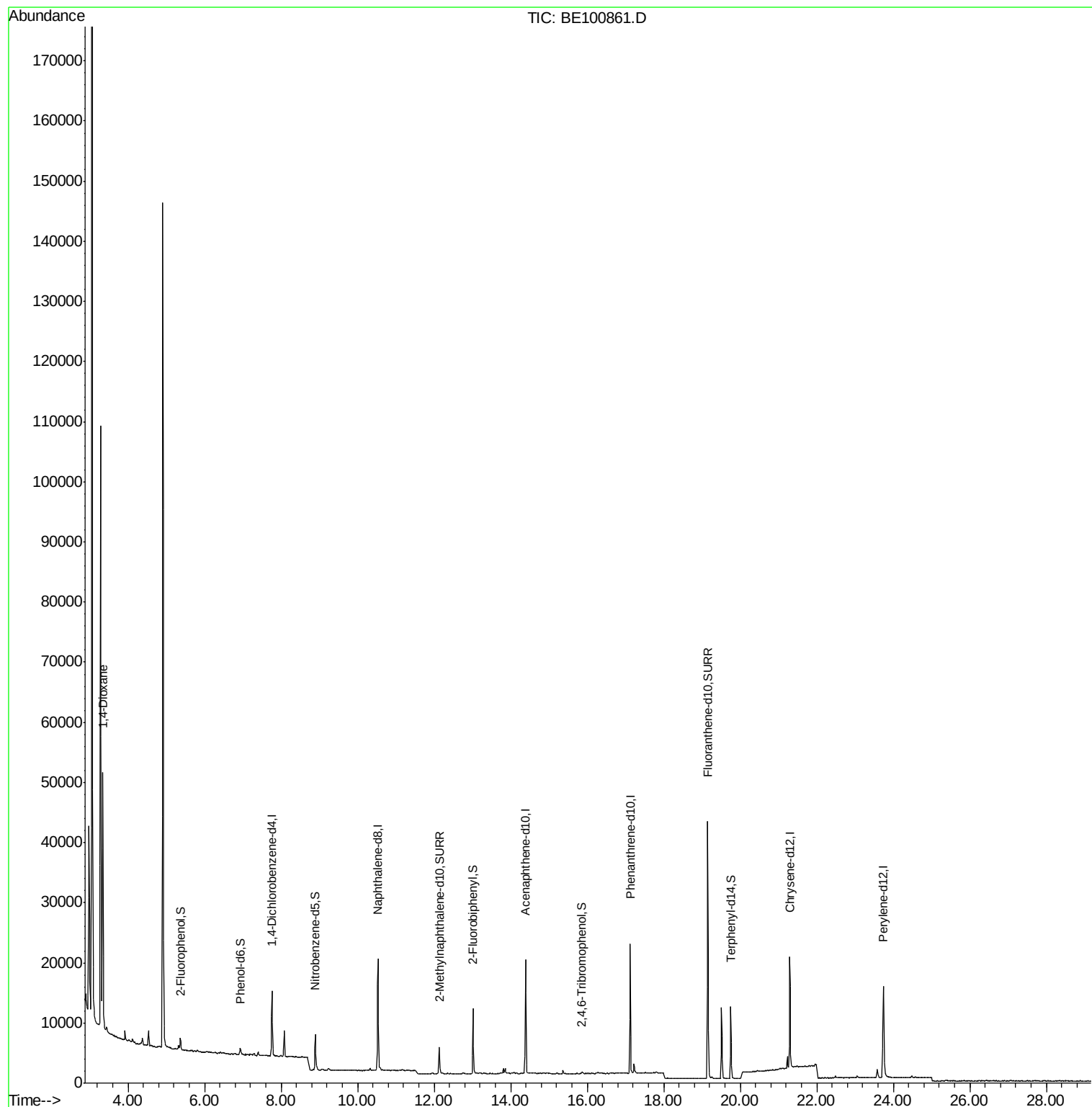
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4495	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	21741	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11894	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	26990	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19566	0.40	ng	-0.01
34) Perylene-d12	23.74	264	23047	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1008	0.09	ng	0.00
5) Phenol-d6	6.93	99	1008	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2462	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6662	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	186	0.14	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9553	0.20	ng	-0.01
25) Fluoranthene-d10	19.15	212	54875	0.17	ng	-0.01
29) Terphenyl-d14	19.75	244	10493	0.22	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.34	88	28462	3.473	ng	Qvalue 90

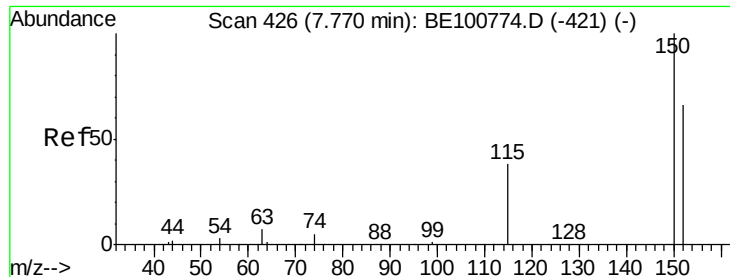
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



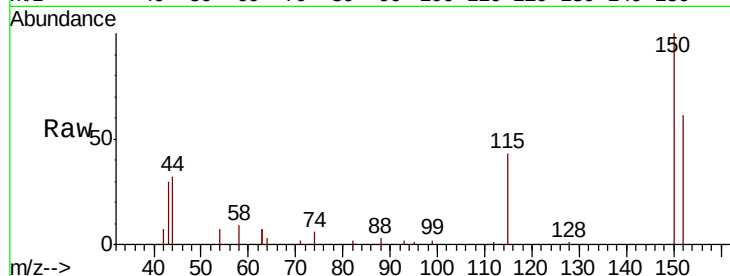


#1

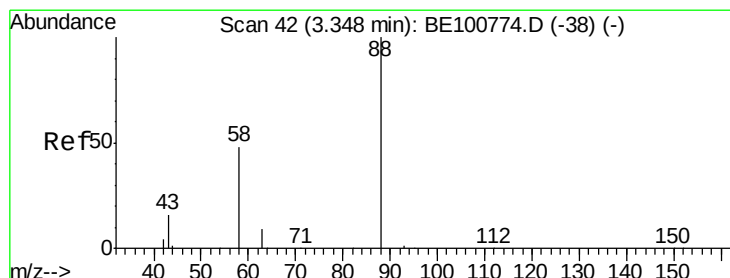
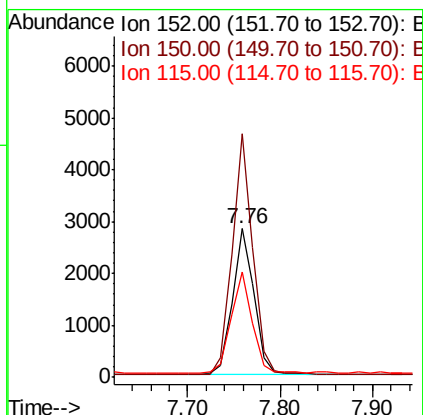
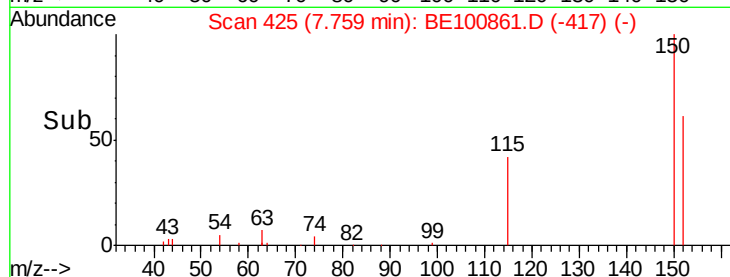
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100861.D
Acq: 12 Dec 2019 1:29

Instrument :
BNA_E
ClientSampleId :
RE134D2-20191202DL

Tot Ion:152 Resp: 4495
Ion Ratio Lower Upper
152 100
150 164.0 120.6 181.0
115 71.0 47.4 71.2



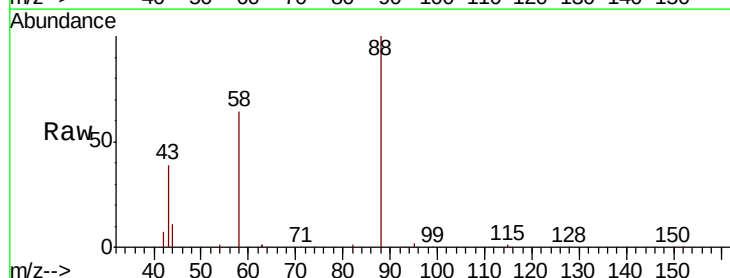
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



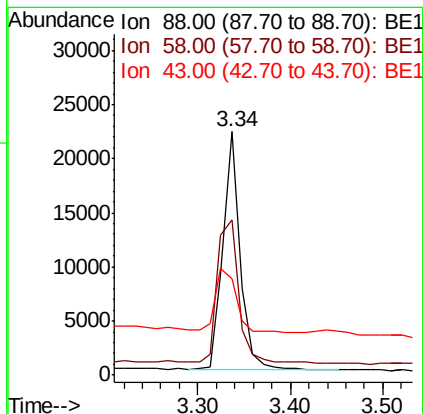
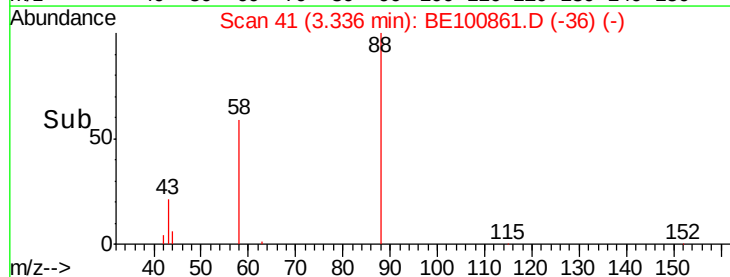
#2

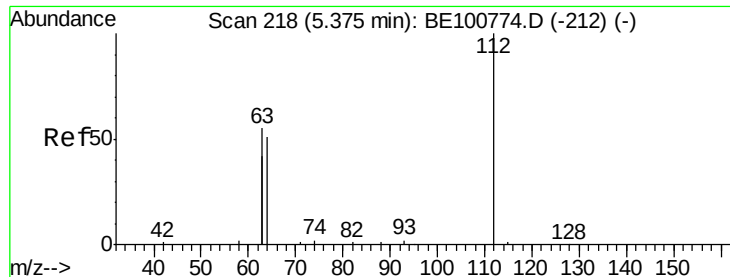
1,4-Dioxane
Concen: 3.473 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100861.D
Acq: 12 Dec 2019 1:29

Tgt Ion: 88 Resp: 28462
Ion Ratio Lower Upper
88 100
58 74.3 52.5 78.7
43 32.7 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: 0.095 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100861.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE134D2-20191202DL

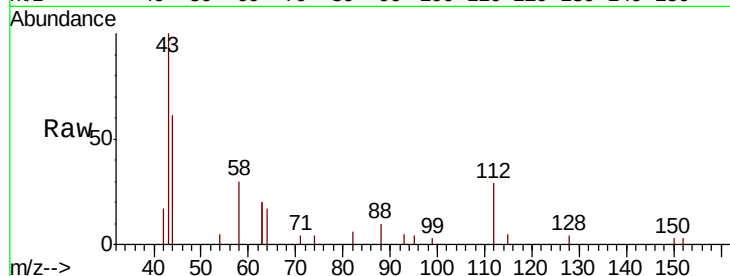
Tot Ion:112 Resp: 1008

Ion Ratio Lower Upper

112 100

64 66.0 54.1 81.1

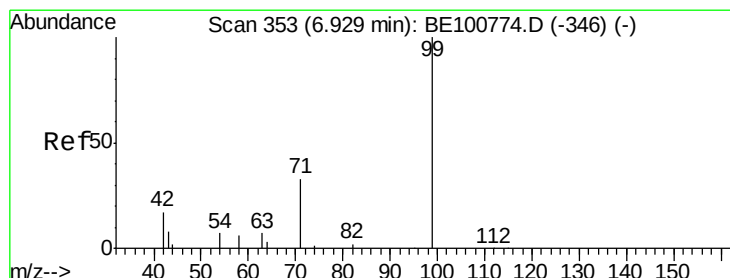
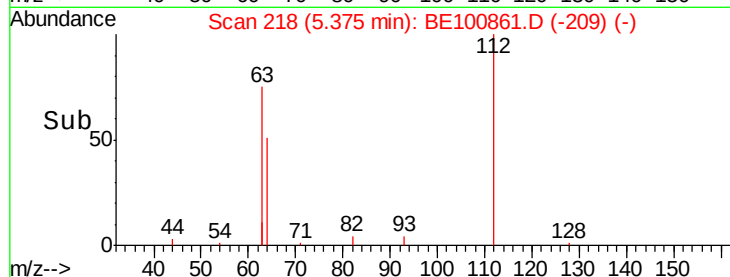
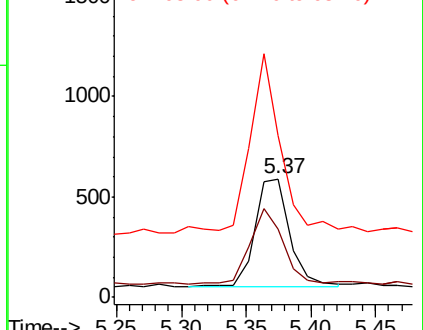
63 148.1 113.2 169.8



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: 0.063 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100861.D

Acq: 12 Dec 2019 1:29

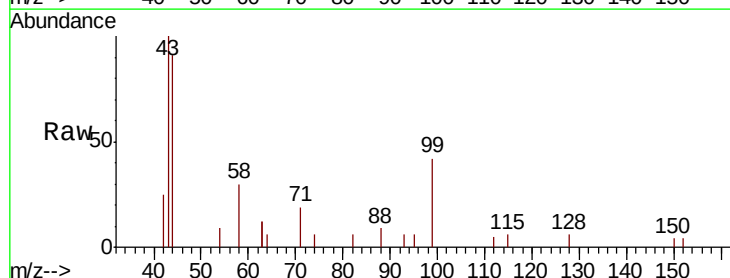
Tgt Ion: 99 Resp: 1008

Ion Ratio Lower Upper

99 100

42 31.6 19.1 28.7#

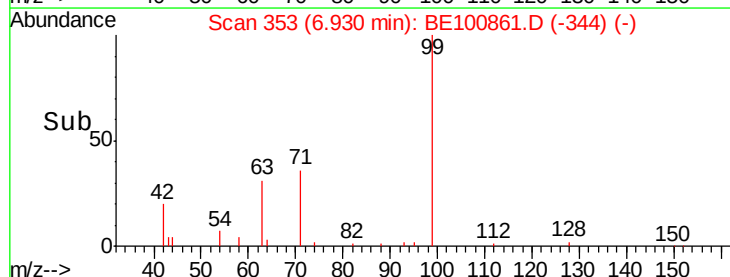
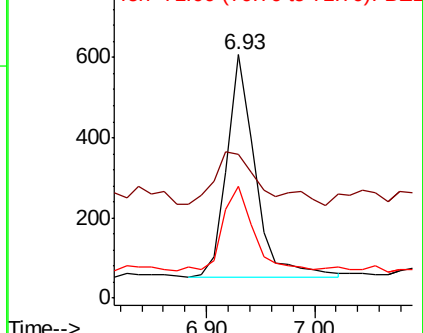
71 40.2 27.7 41.5

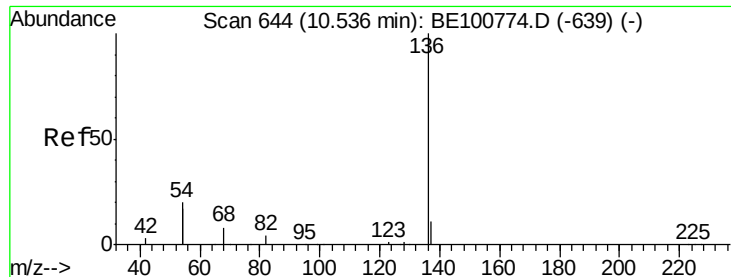


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100861.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE134D2-20191202DL

Tot Ion:136 Resp: 21741

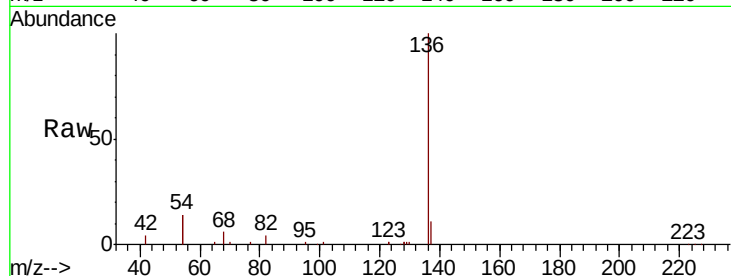
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 28.2 31.1 46.7#

68 6.4 6.6 10.0#

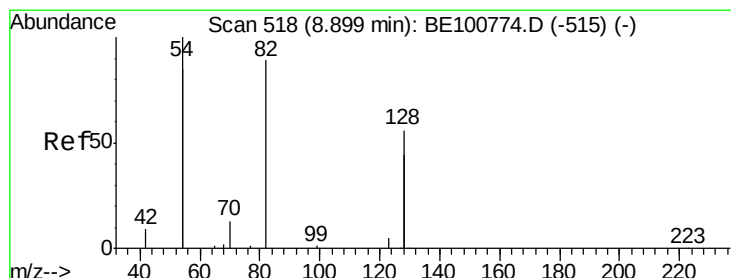
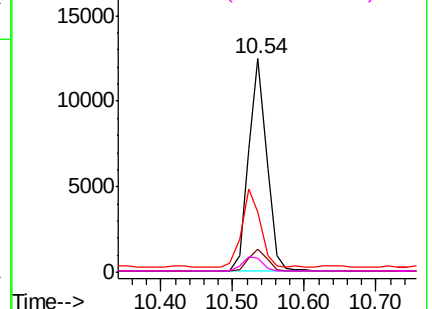
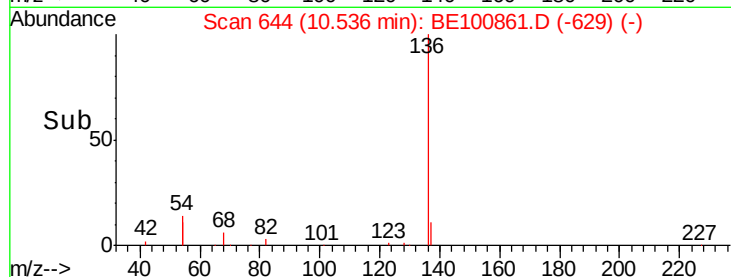


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.238 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100861.D

Acq: 12 Dec 2019 1:29

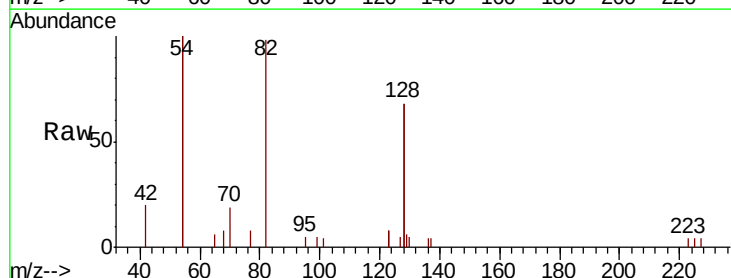
Tgt Ion: 82 Resp: 2462

Ion Ratio Lower Upper

82 100

128 137.3 97.0 145.4

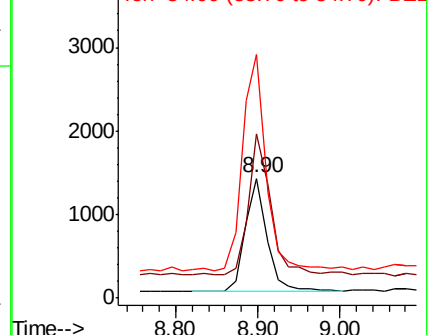
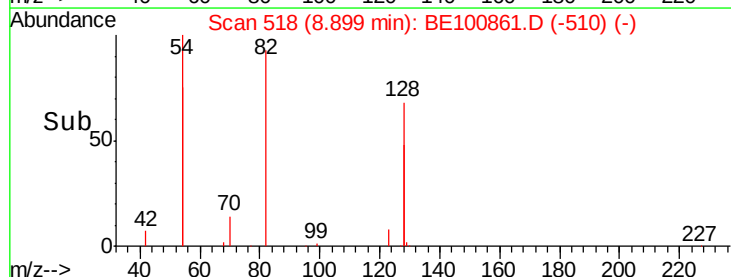
54 203.3 171.8 257.6

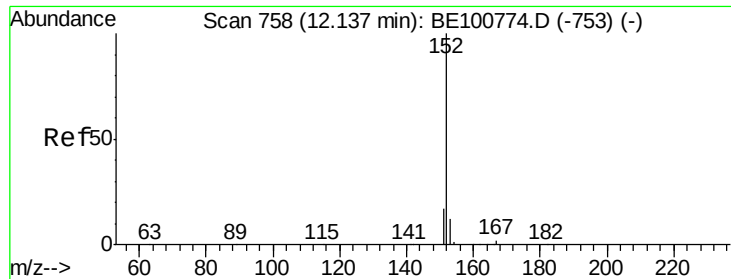


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

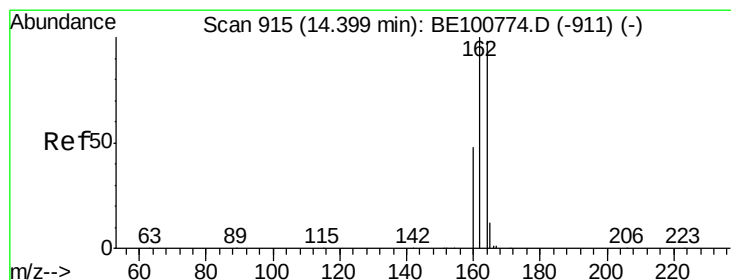
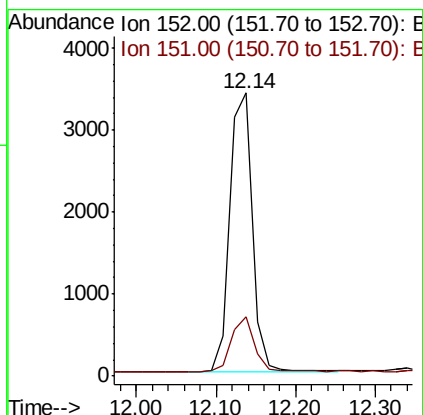
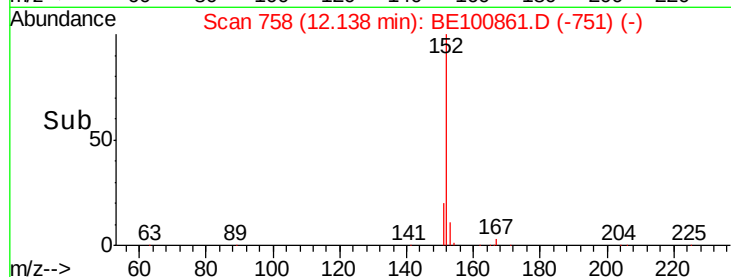
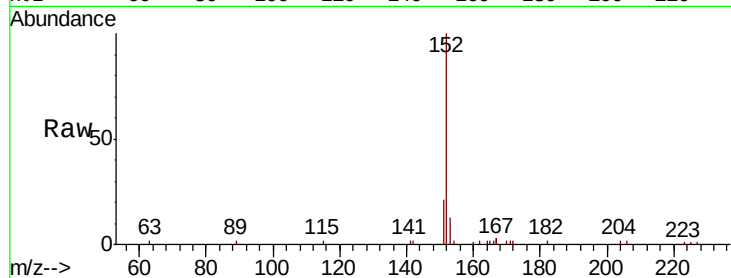




#11
 2-Methylnaphthalene-d10
 Concen: 0.211 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100861.D
 Acq: 12 Dec 2019 1:29

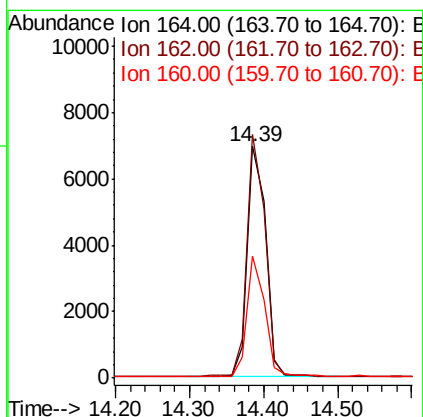
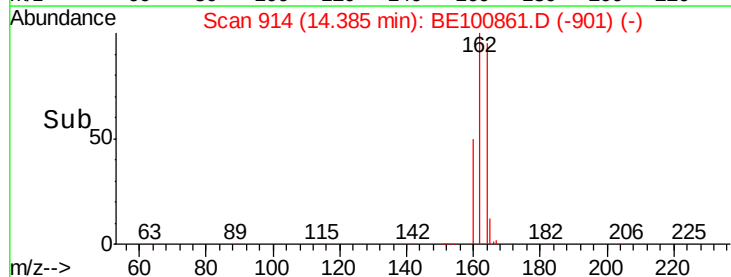
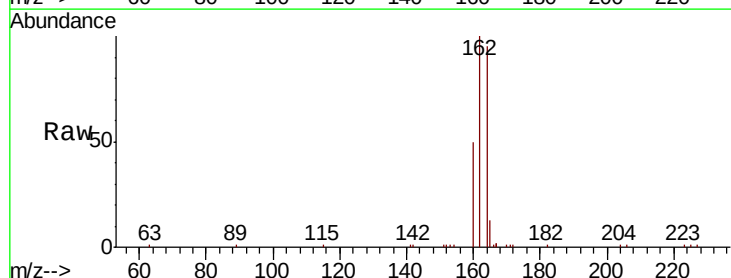
Instrument :
 BNA_E
 ClientSampleId :
 RE134D2-20191202DL

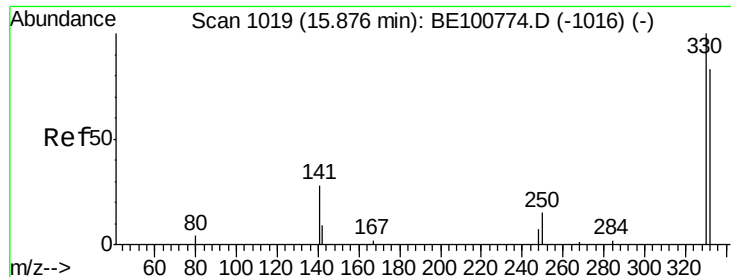
Tot Ion:152 Resp: 6662
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BE100861.D
 Acq: 12 Dec 2019 1:29

Tgt Ion:164 Resp: 11894
 Ion Ratio Lower Upper
 164 100
 162 105.1 81.4 122.0
 160 52.8 39.4 59.0

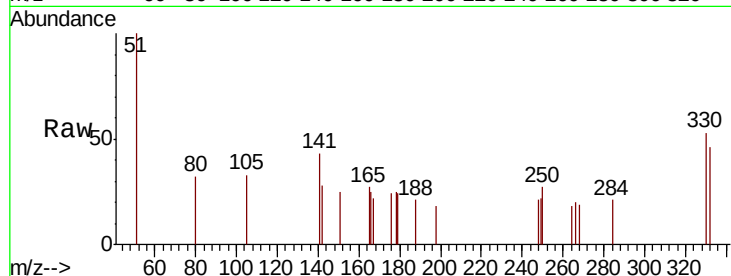




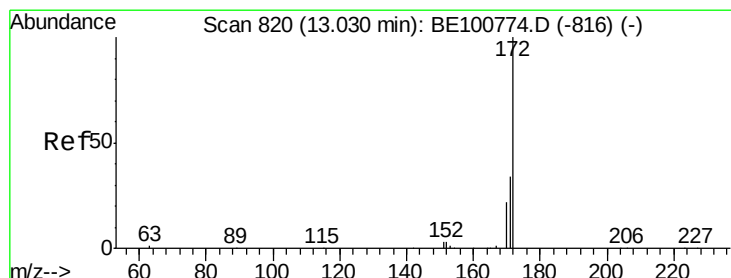
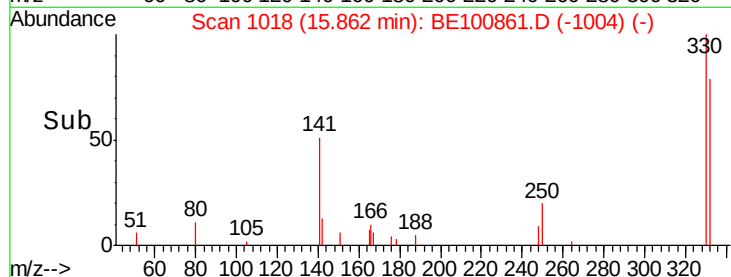
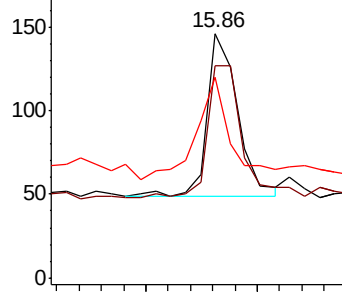
#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100861.D
Acq: 12 Dec 2019 1:29

Instrument :
BNA_E
ClientSampleId :
RE134D2-20191202DL

Tot Ion:330 Resp: 186
Ion Ratio Lower Upper
330 100
332 93.5 69.4 104.2
141 69.4 51.1 76.7

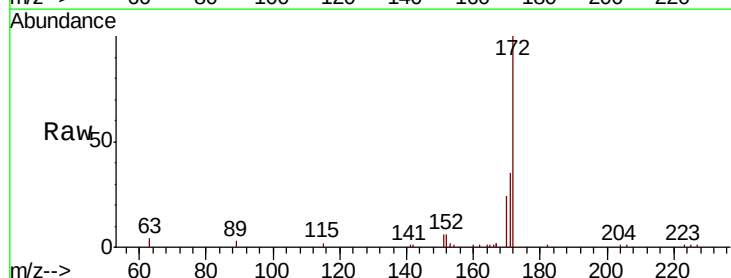


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

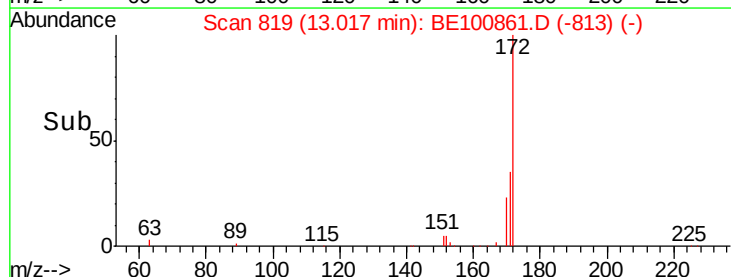
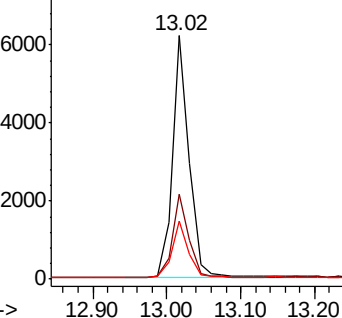


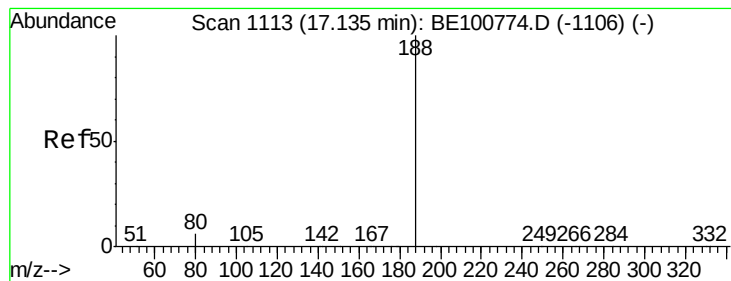
#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100861.D
Acq: 12 Dec 2019 1:29

Tgt Ion:172 Resp: 9553
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.7 18.0 27.0



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. -0.01 min

Lab File: BE100861.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE134D2-20191202DL

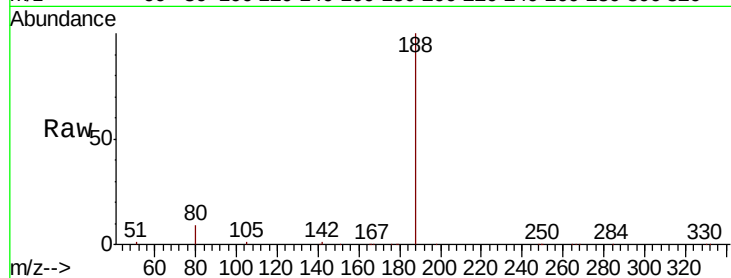
Tot Ion:188 Resp: 26990

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

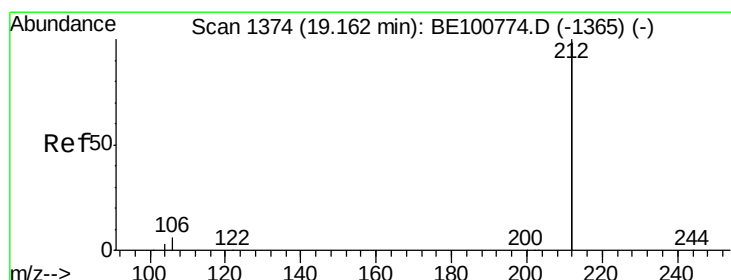
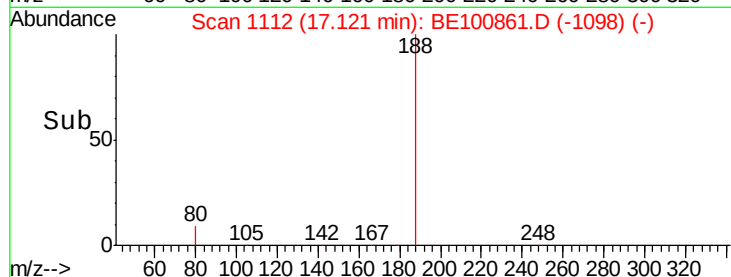
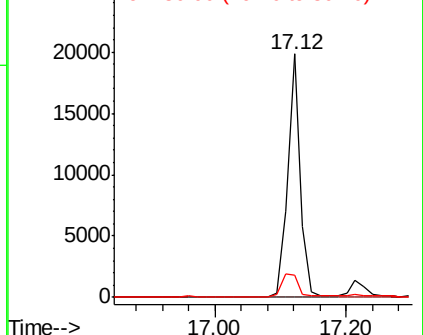
80 9.0 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.172 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE100861.D

Acq: 12 Dec 2019 1:29

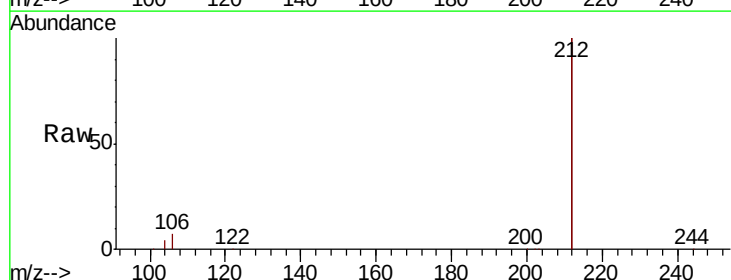
Tgt Ion:212 Resp: 54875

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

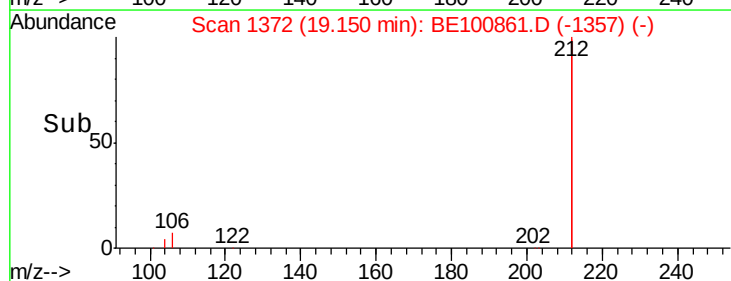
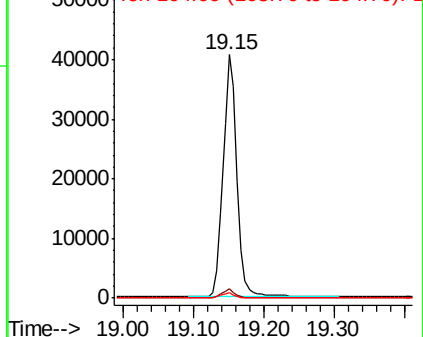
104 1.9 1.4 2.2

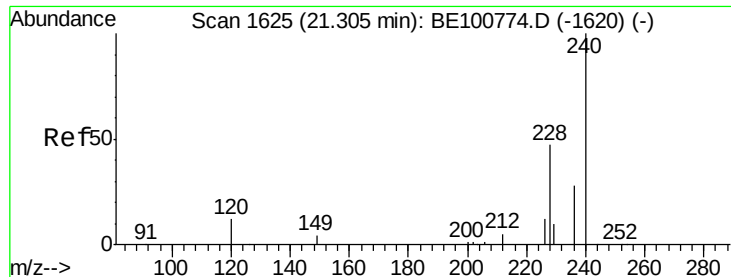


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

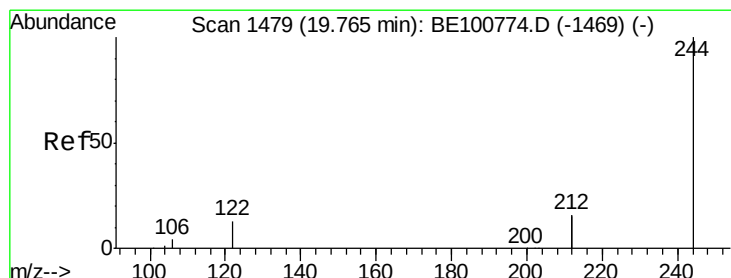
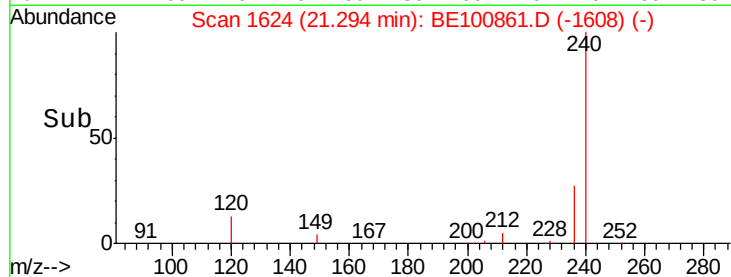
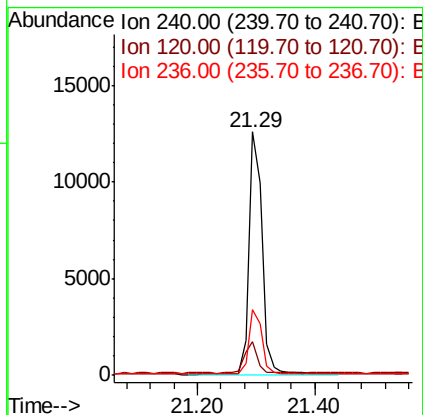
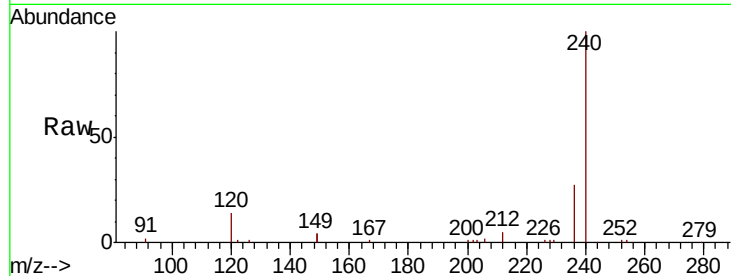




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100861.D
 Acq: 12 Dec 2019 1:29

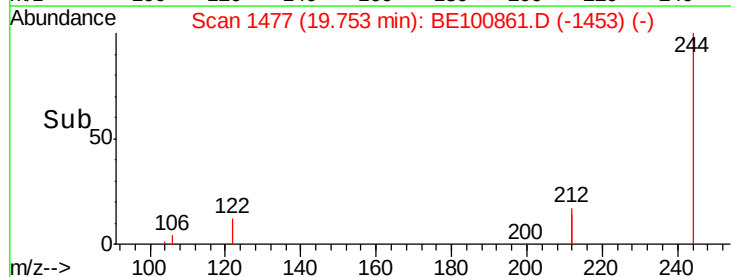
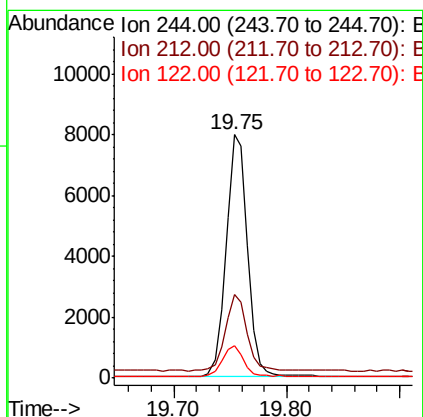
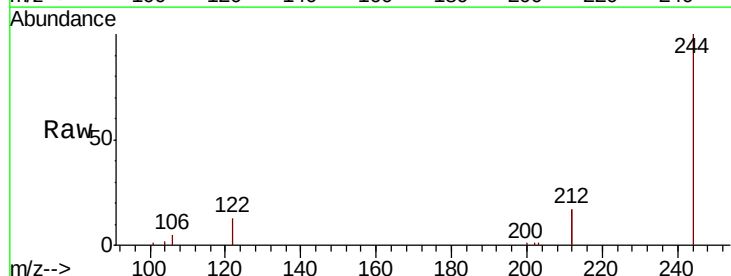
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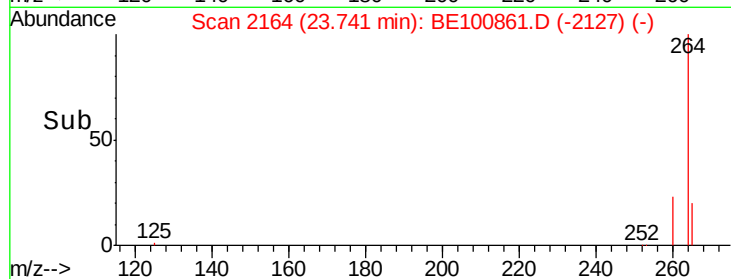
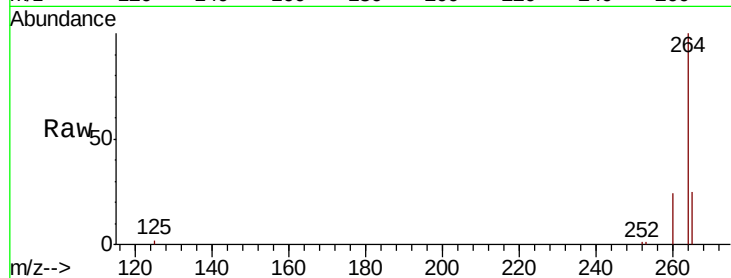
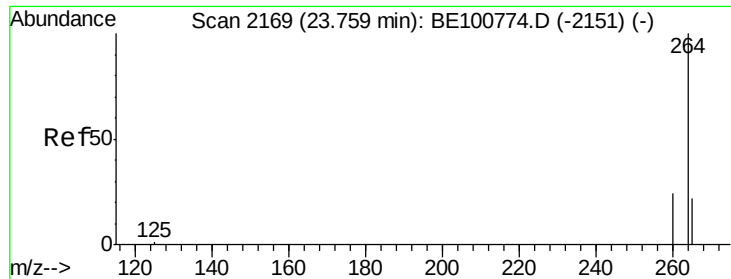
Tot Ion:240 Resp: 19566
 Ion Ratio Lower Upper
 240 100
 120 13.8 10.2 15.2
 236 27.0 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.224 ng
 RT: 19.75 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BE100861.D
 Acq: 12 Dec 2019 1:29

Tgt Ion:244 Resp: 10493
 Ion Ratio Lower Upper
 244 100
 212 34.3 26.2 39.4
 122 13.2 10.2 15.4





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BE100861.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE134D2-20191202DL

Tot Ion:264 Resp: 23047

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 24.7 21.8 32.8

