

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100847.D
 Acq On : 11 Dec 2019 15:40
 Operator : JU
 Sample : K6185-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D3-20191205

Quant Time: Dec 12 04:48:47 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

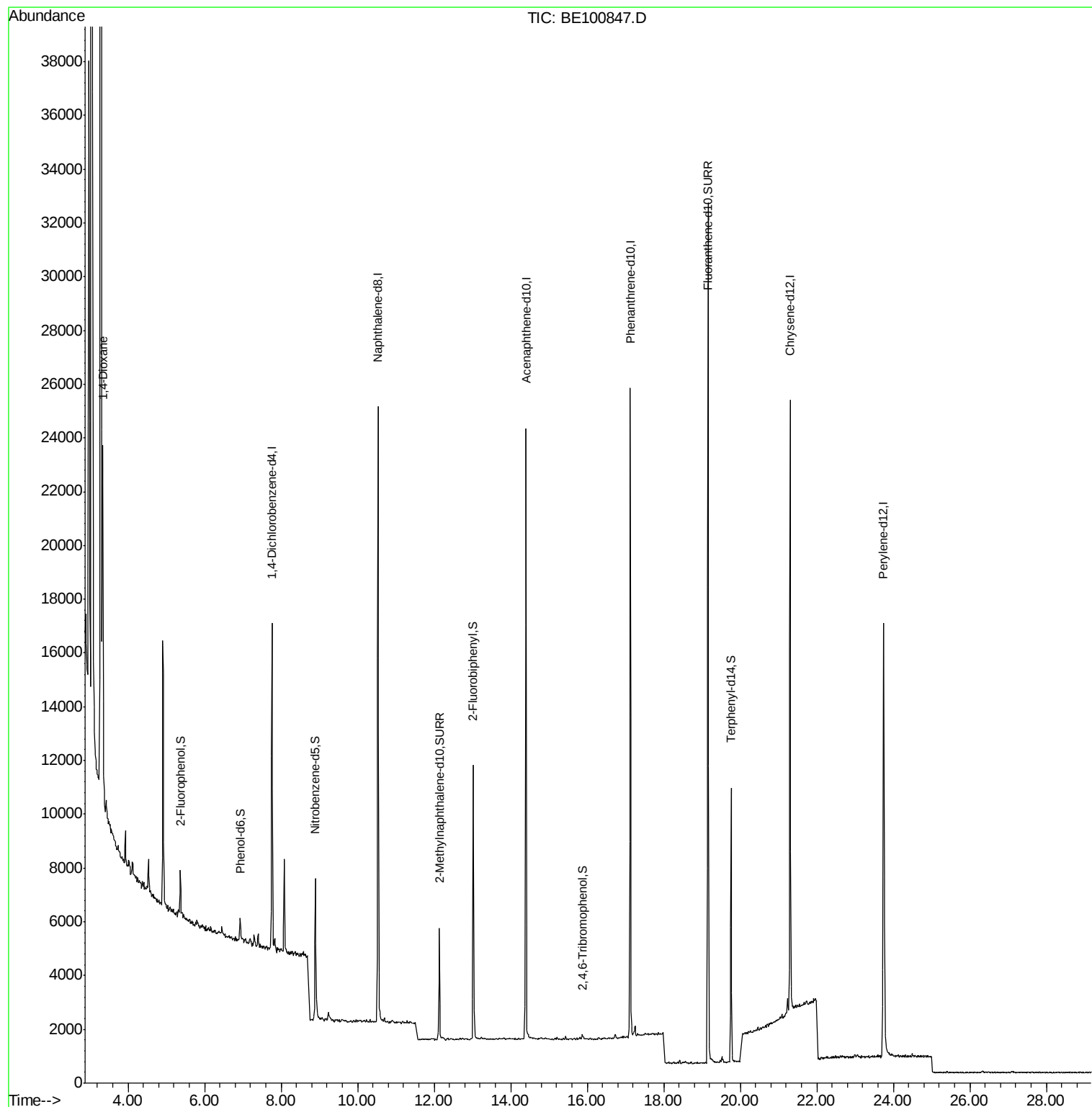
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5253	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24986	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14076	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31877	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	22504	0.40	ng	0.00
34) Perylene-d12	23.74	264	24337	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	884	0.07	ng	0.00
5) Phenol-d6	6.93	99	812	0.04	ng	0.00
8) Nitrobenzene-d5	8.90	82	2239	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	5337	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	132	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10611	0.19	ng	-0.01
25) Fluoranthene-d10	19.16	212	43009	0.11	ng	0.00
29) Terphenyl-d14	19.76	244	8564	0.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	9196	0.960	ng	Qvalue # 83

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

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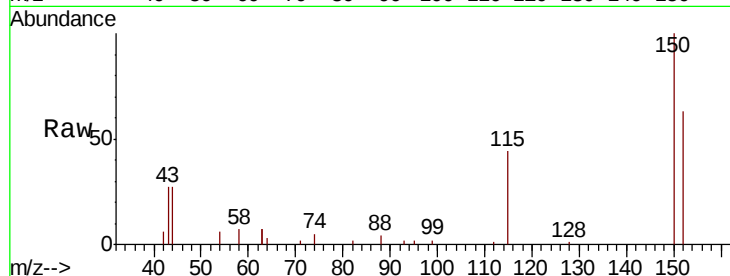


#1

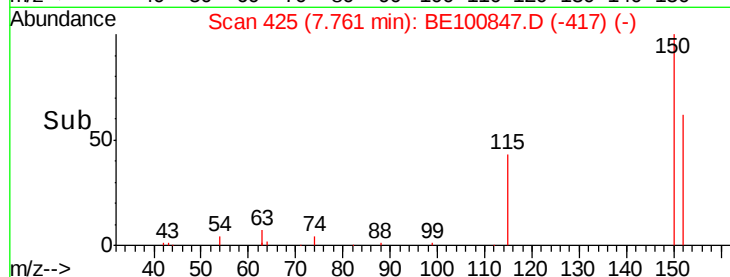
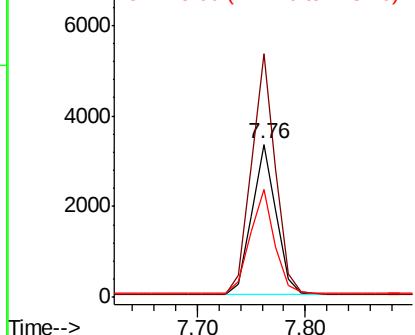
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100847.D
Acq: 11 Dec 2019 15:40

Instrument :
BNA_E
ClientSampleId :
RE125D3-20191205

Tot Ion:152 Resp: 5253
Ion Ratio Lower Upper
152 100
150 158.8 120.6 181.0
115 70.0 47.4 71.2



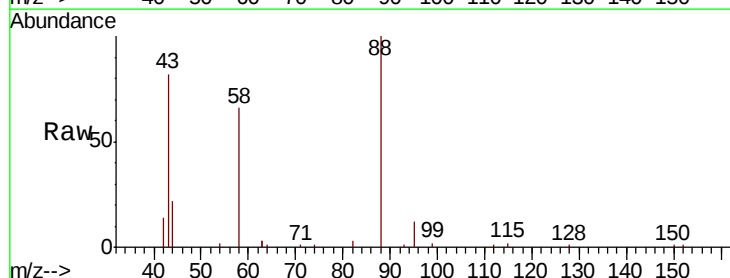
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



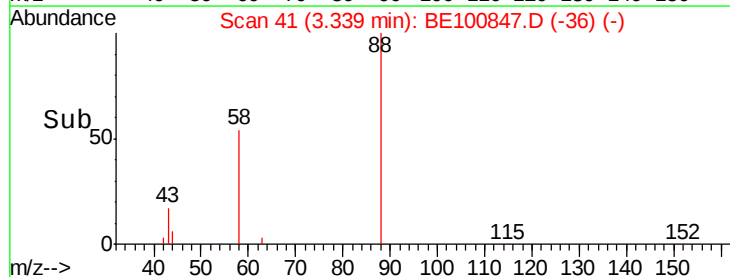
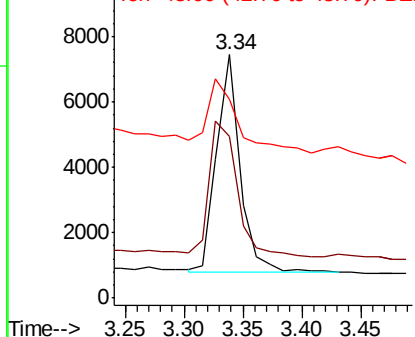
#2

1,4-Dioxane
Concen: 0.960 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100847.D
Acq: 11 Dec 2019 15:40

Tgt Ion: 88 Resp: 9196
Ion Ratio Lower Upper
88 100
58 74.8 52.5 78.7
43 44.1 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: 0.071 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

Instrument :

BNA_E

ClientSampleId :

RE125D3-20191205

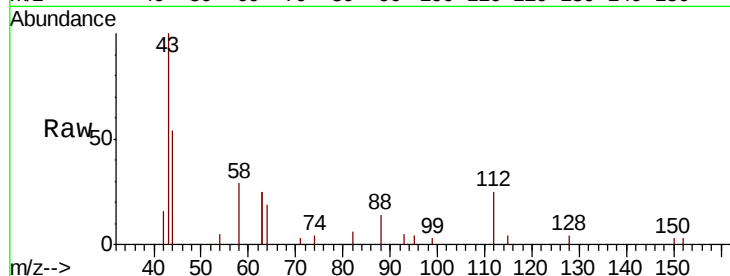
Tot Ion: 112 Resp: 884

Ion Ratio Lower Upper

112 100

64 70.0 54.1 81.1

63 147.4 113.2 169.8

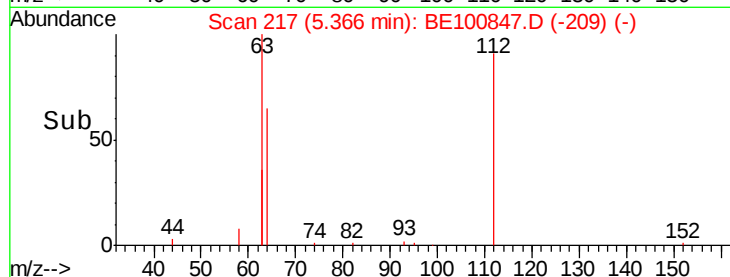


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



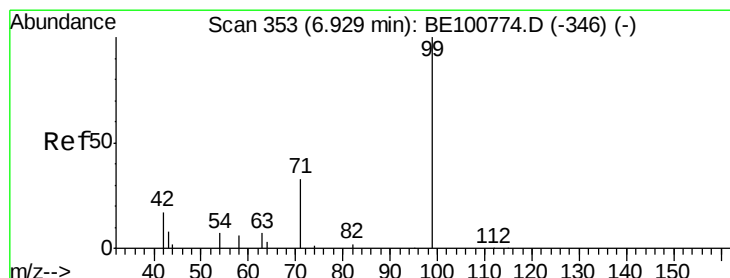
Abundance

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

Time-->



#5

Phenol-d6

Concen: 0.043 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

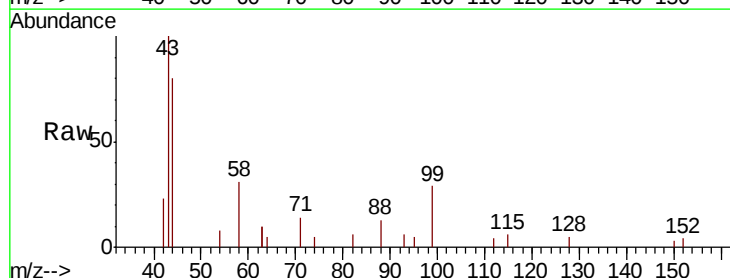
Tgt Ion: 99 Resp: 812

Ion Ratio Lower Upper

99 100

42 26.7 19.1 28.7

71 44.2 27.7 41.5#

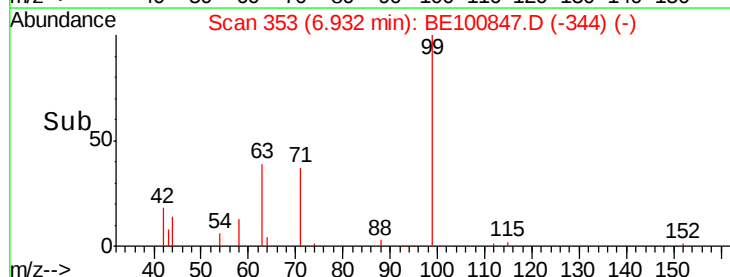


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



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-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

Instrument :

BNA_E

ClientSampleId :

RE125D3-20191205

Tot Ion:136 Resp: 24986

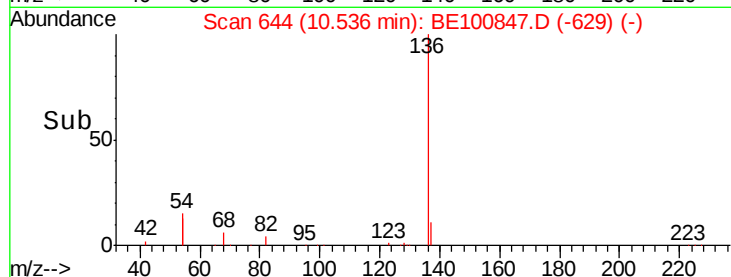
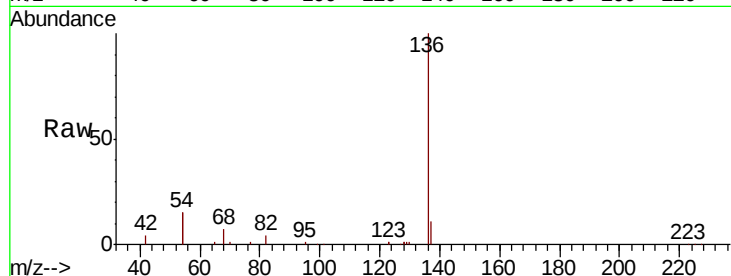
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 30.7 31.1 46.7#

68 6.6 6.6 10.0#

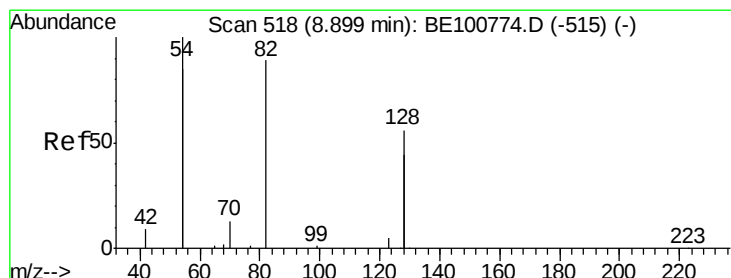
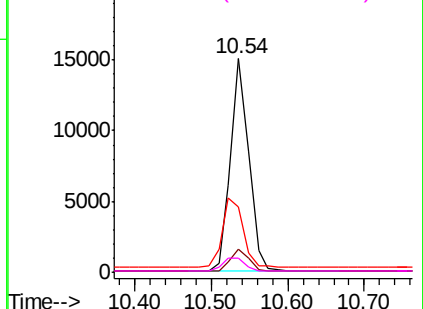


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.188 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

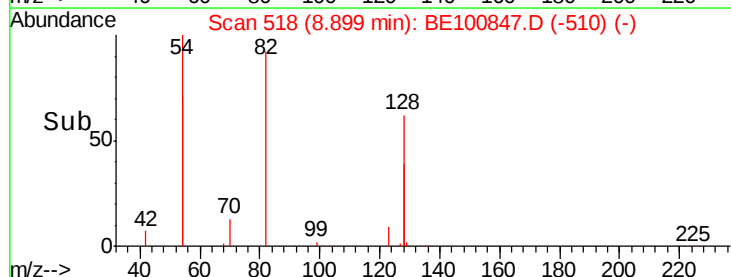
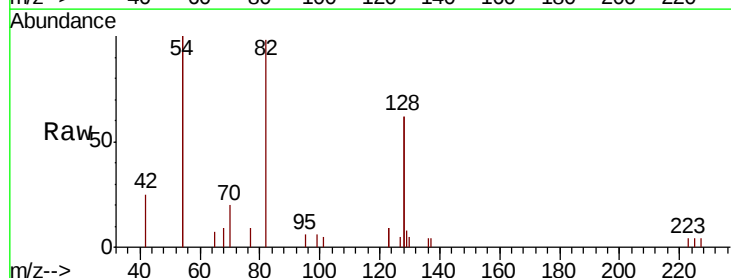
Tgt Ion: 82 Resp: 2239

Ion Ratio Lower Upper

82 100

128 125.8 97.0 145.4

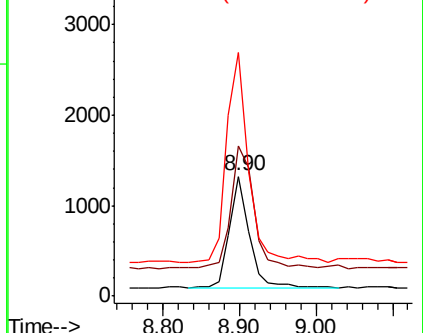
54 203.5 171.8 257.6



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: 0.147 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

Instrument :

BNA_E

ClientSampleId :

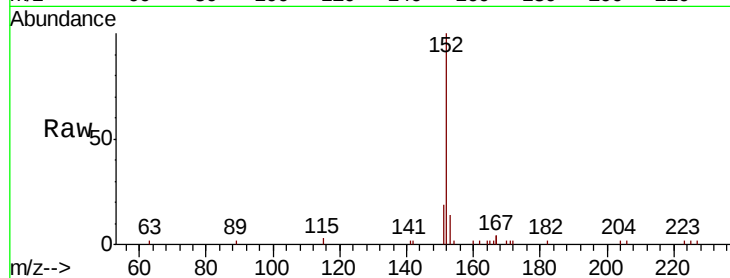
RE125D3-20191205

Tot Ion:152 Resp: 5337

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

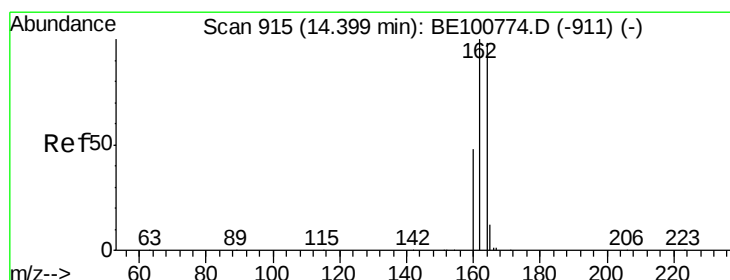
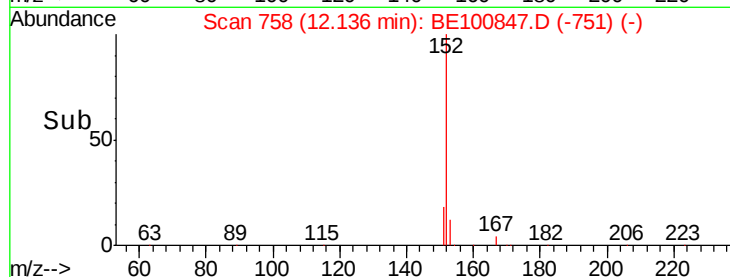
3000

2000

1000

0

Time--> 12.00 12.10 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

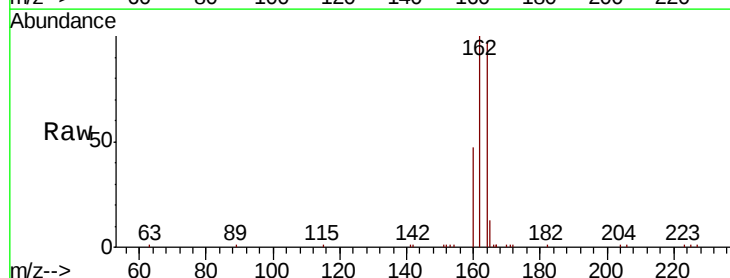
Tgt Ion:164 Resp: 14076

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

160 48.5 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

14.40

12000

10000

8000

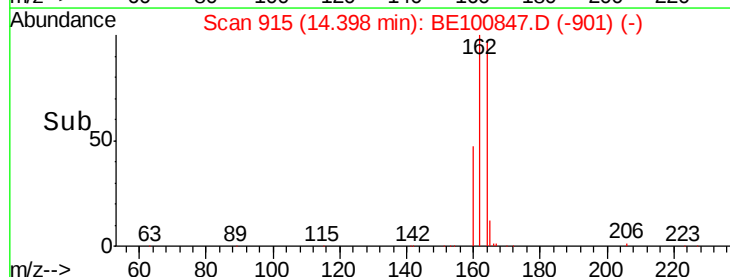
6000

4000

2000

0

Time--> 14.20 14.40 14.60

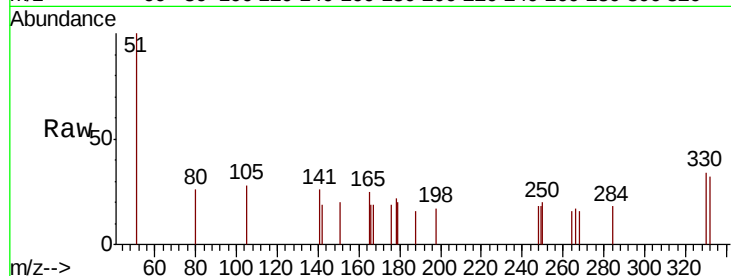




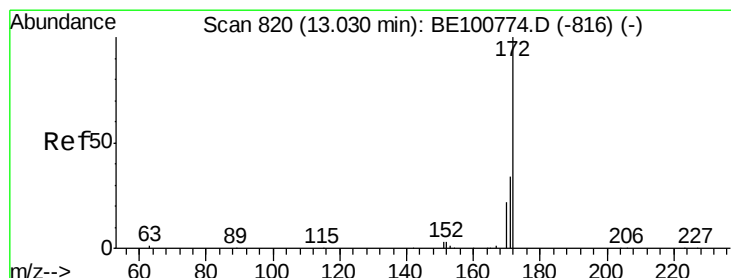
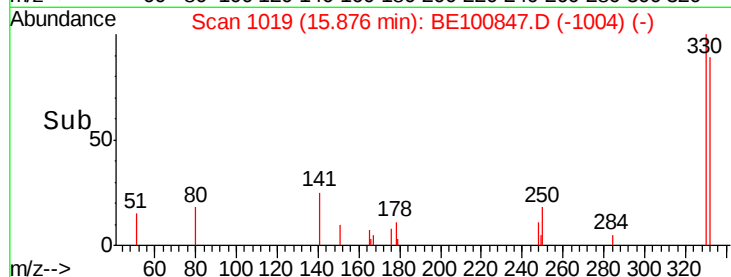
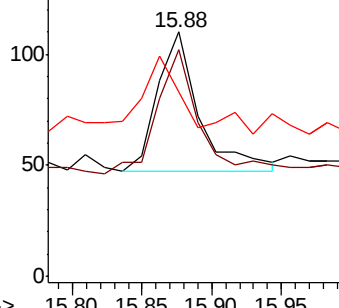
#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100847.D
Acq: 11 Dec 2019 15:40

Instrument :
BNA_E
ClientSampleId :
RE125D3-20191205

Tot Ion:330 Resp: 132
Ion Ratio Lower Upper
330 100
332 92.4 69.4 104.2
141 59.8 51.1 76.7

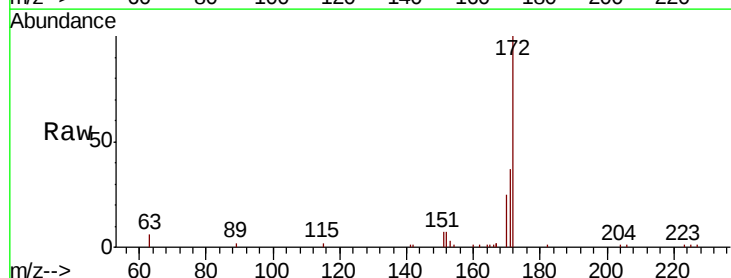


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

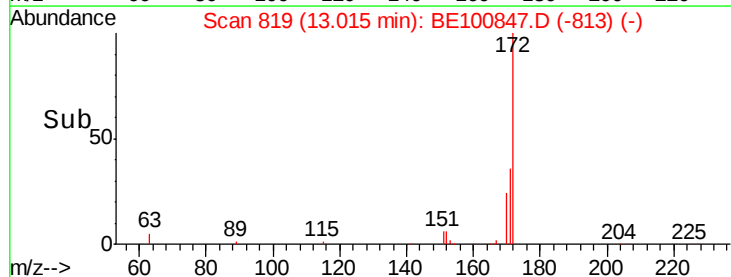
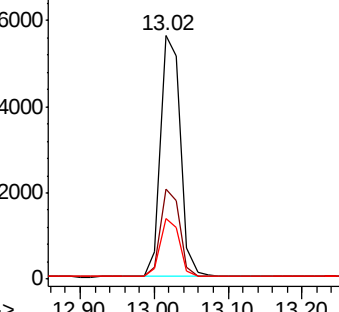


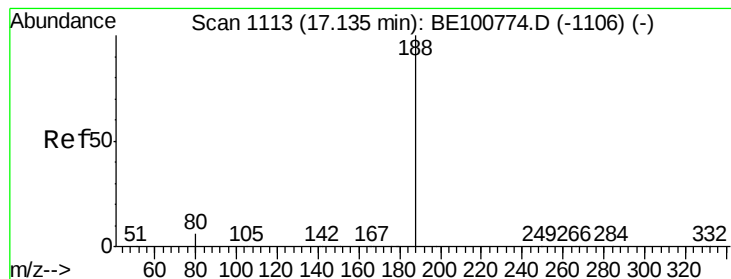
#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100847.D
Acq: 11 Dec 2019 15:40

Tgt Ion:172 Resp: 10611
Ion Ratio Lower Upper
172 100
171 36.7 27.2 40.8
170 24.9 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: BE100847.D

Acq: 11 Dec 2019 15:40

Instrument :

BNA_E

ClientSampleId :

RE125D3-20191205

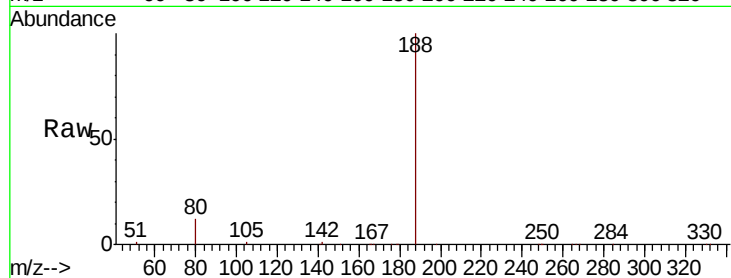
Tot Ion:188 Resp: 31877

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

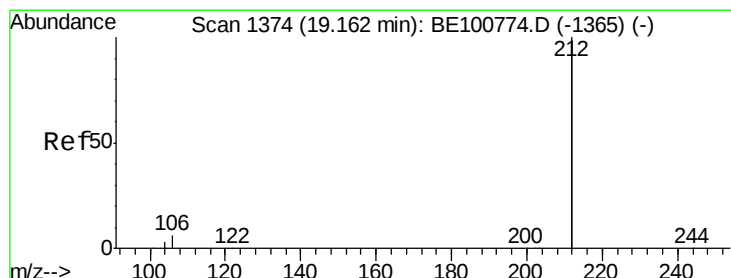
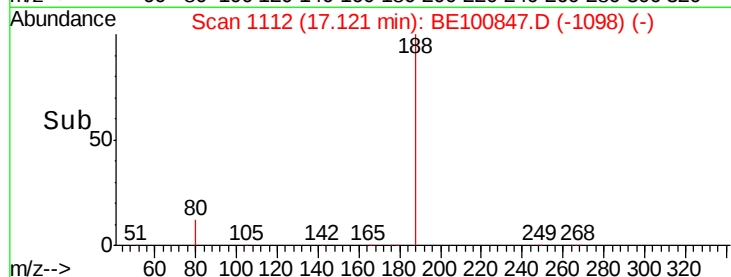
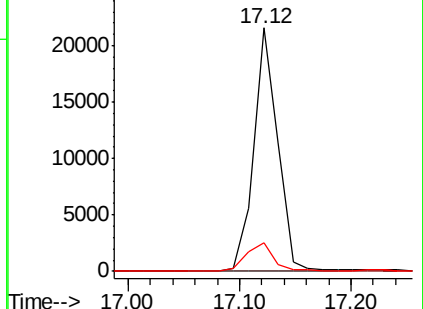
80 11.9 5.2 7.8#



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: 0.114 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

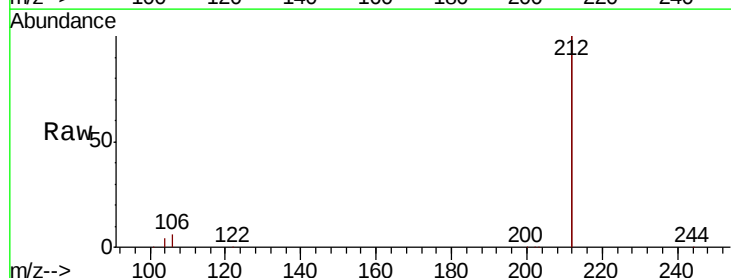
Tgt Ion:212 Resp: 43009

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

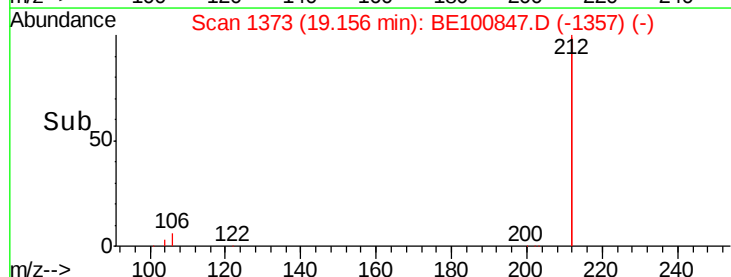
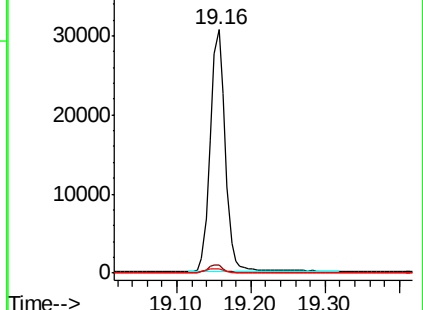
104 1.8 1.4 2.2



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: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

Instrument :

BNA_E

ClientSampleId :

RE125D3-20191205

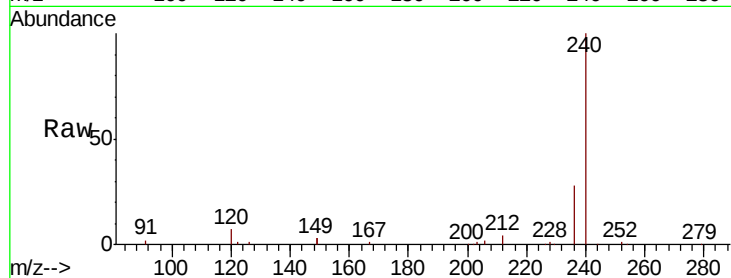
Tot Ion:240 Resp: 22504

Ion Ratio Lower Upper

240 100

120 6.6 10.2 15.2#

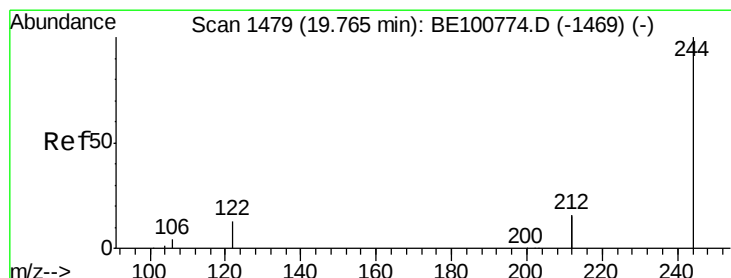
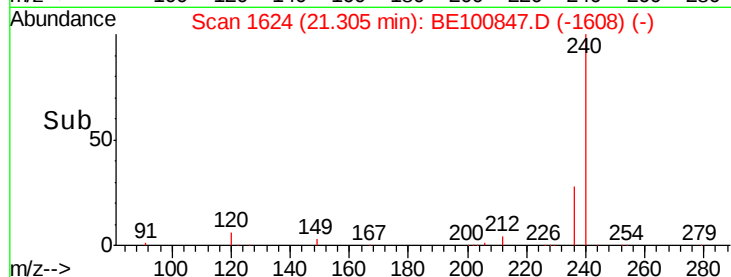
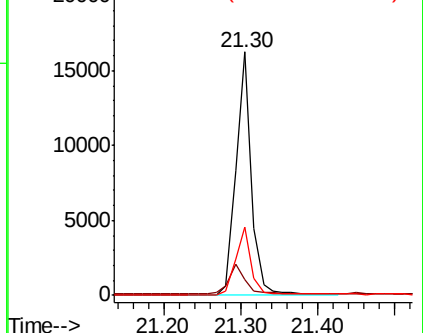
236 28.1 22.3 33.5



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



#29

Terphenyl-d14

Concen: 0.159 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

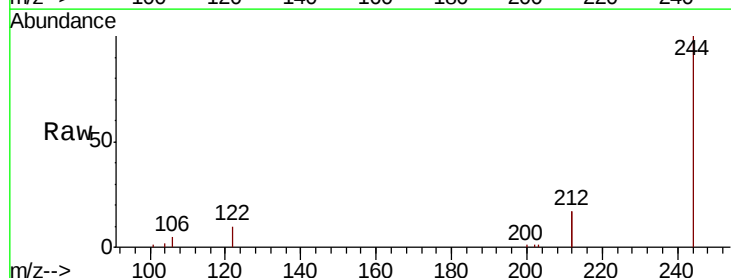
Tgt Ion:244 Resp: 8564

Ion Ratio Lower Upper

244 100

212 33.9 26.2 39.4

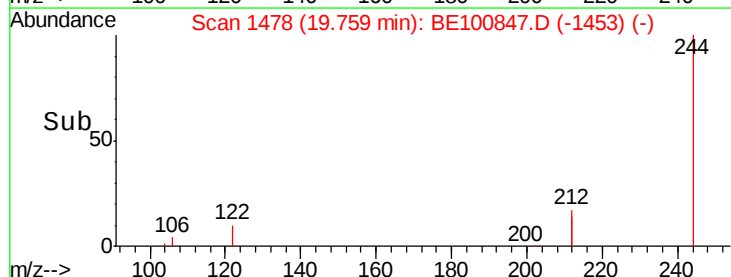
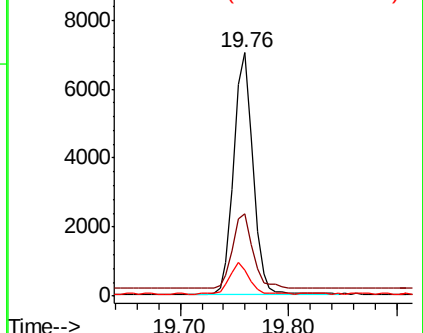
122 10.5 10.2 15.4

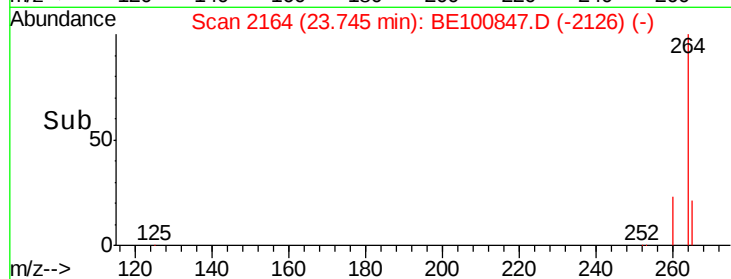
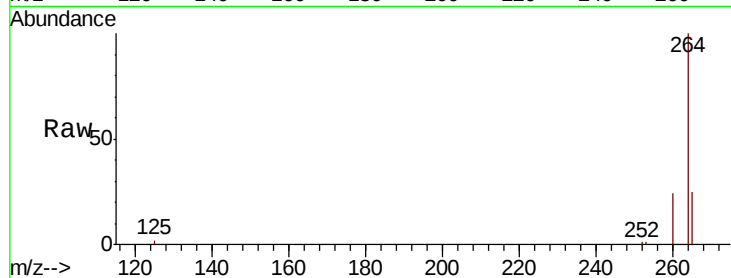
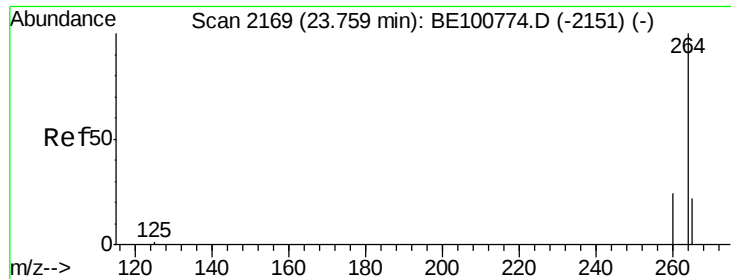


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100847.D

Acq: 11 Dec 2019 15:40

Instrument :

BNA_E

ClientSampleId :

RE125D3-20191205

Tot Ion:264 Resp: 24337

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 24.7 21.8 32.8

