

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100941.D
 Acq On : 17 Dec 2019 5:20
 Operator : JU
 Sample : K6251-20DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 17 06:21:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

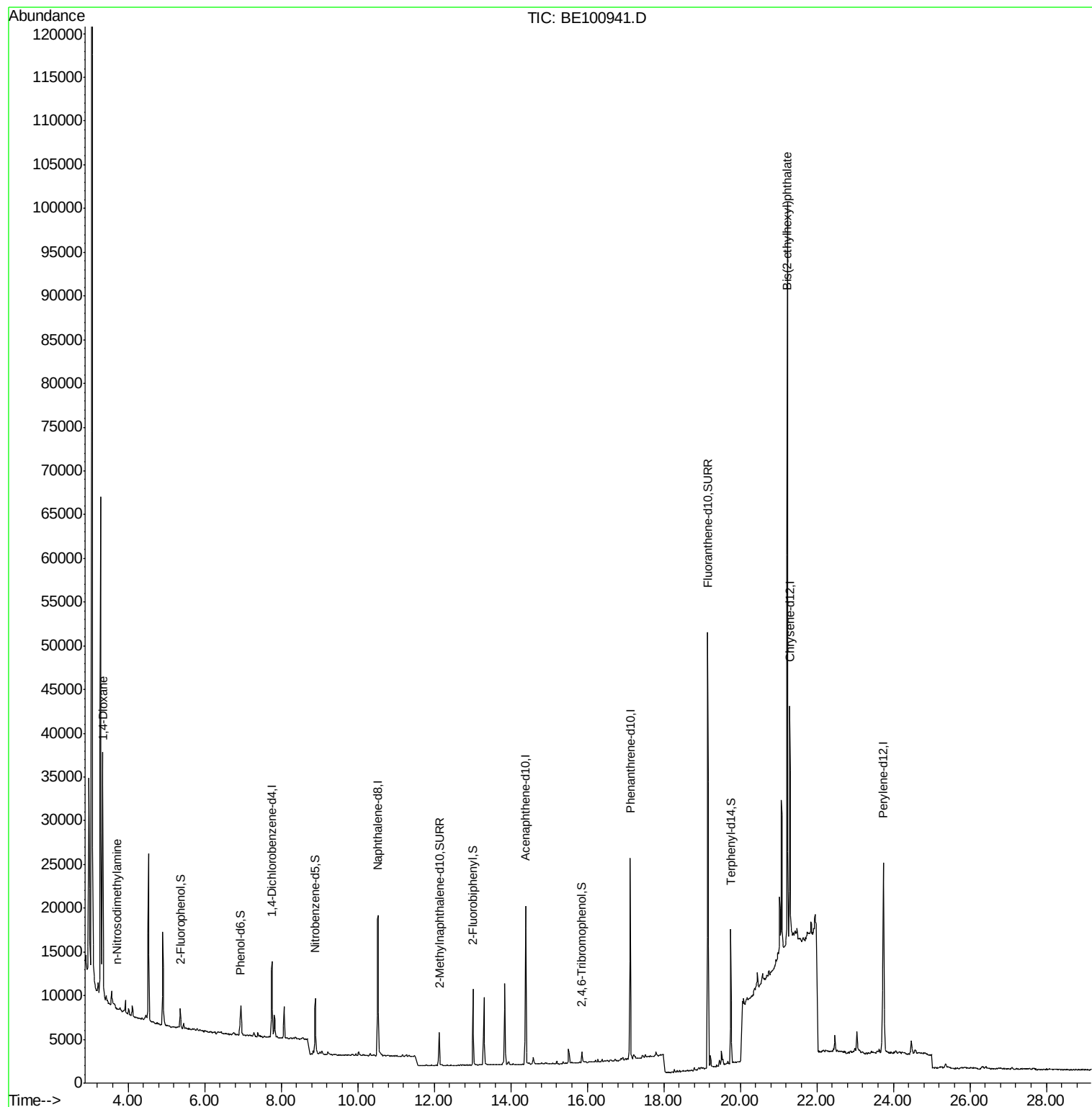
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4248	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20027	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12200	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29468	0.40	ng	0.00
27) Chrysene-d12	21.29	240	27345	0.40	ng	-0.01
34) Perylene-d12	23.74	264	32075	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1134	0.11	ng	0.00
5) Phenol-d6	6.93	99	1043	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	2755	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	5617	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	684	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	7542	0.16	ng	0.00
25) Fluoranthene-d10	19.15	212	66780	0.19	ng	0.00
29) Terphenyl-d14	19.75	244	12581	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	19700	2.544	ng	Qvalue 89
3) n-Nitrosodimethylamine	3.72	42	159	0.025	ng	# 14
32) Bis(2-ethylhexyl)phthalate	21.23	149	96663	1.413	ng	99

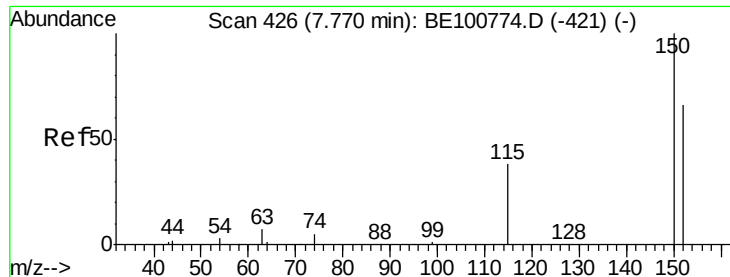
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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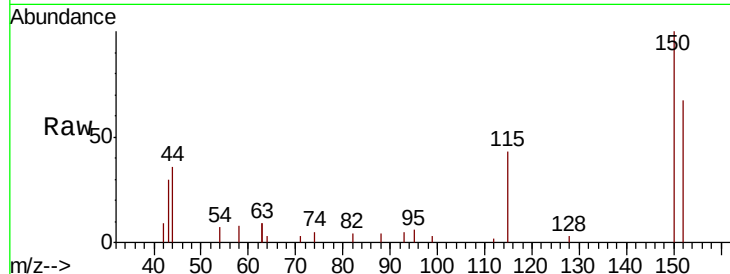




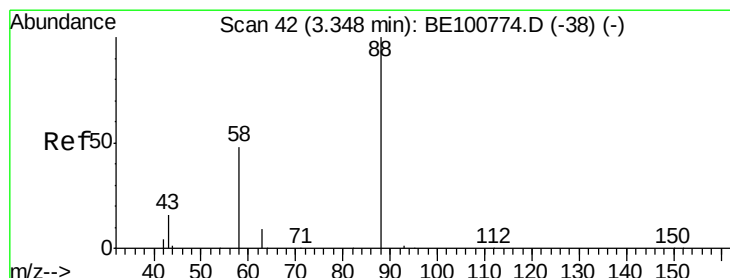
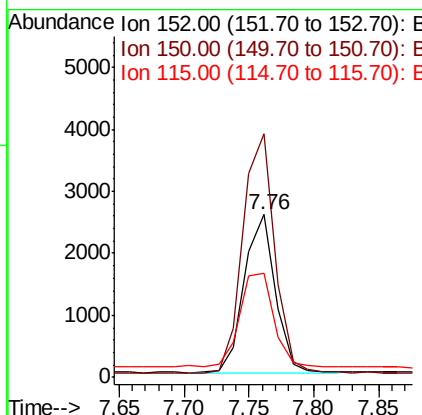
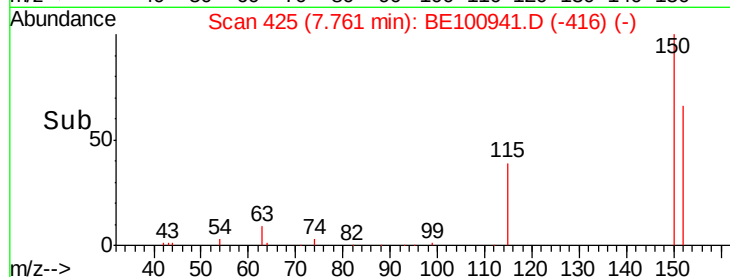
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BE100941.D
 Acq: 17 Dec 2019 5:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 4248
 Ion Ratio Lower Upper
 152 100
 150 149.8 125.5 188.3
 115 64.3 55.7 83.5

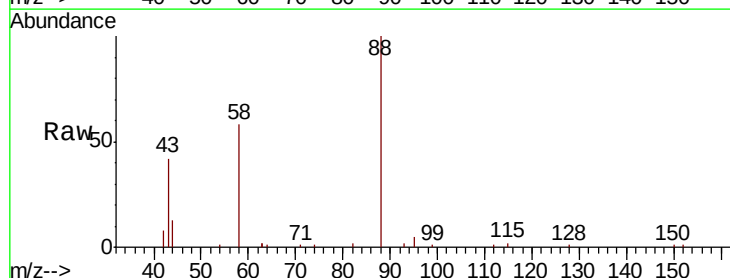


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

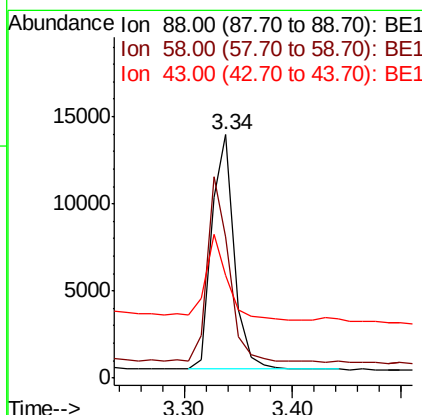
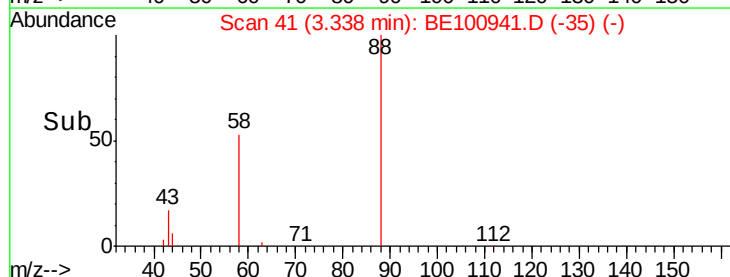


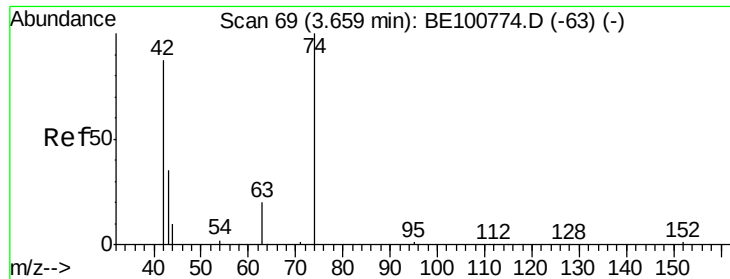
#2
 1,4-Dioxane
 Concen: 2.544 ng
 RT: 3.34 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BE100941.D
 Acq: 17 Dec 2019 5:20

Tgt Ion: 88 Resp: 19700
 Ion Ratio Lower Upper
 88 100
 58 74.9 52.3 78.5
 43 34.0 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





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.07 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampled :

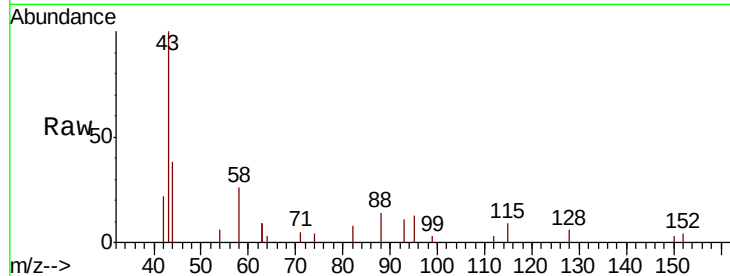
Tot Ion: 42 Resp: 159

Ion Ratio Lower Upper

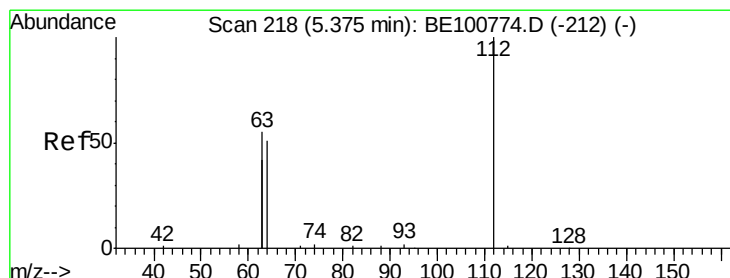
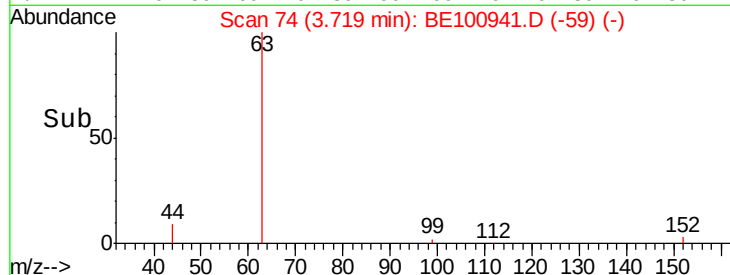
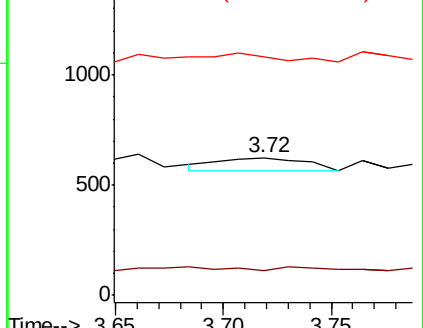
42 100

74 14.5 90.3 135.5#

44 0.0 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

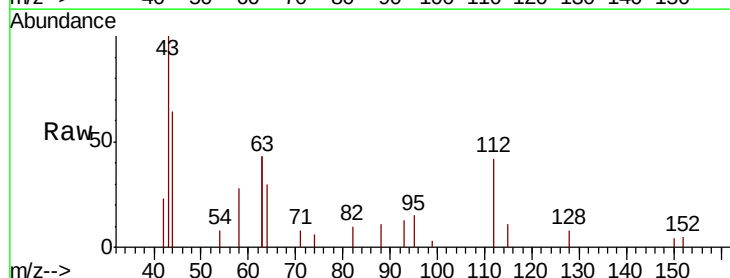
Tgt Ion: 112 Resp: 1134

Ion Ratio Lower Upper

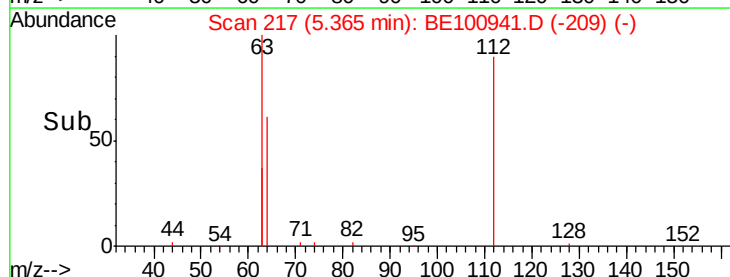
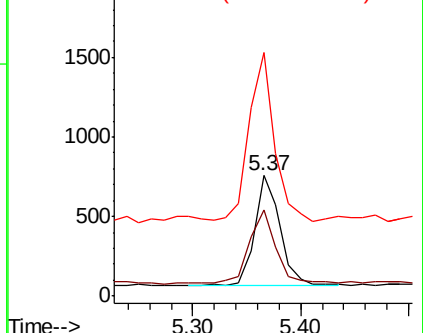
112 100

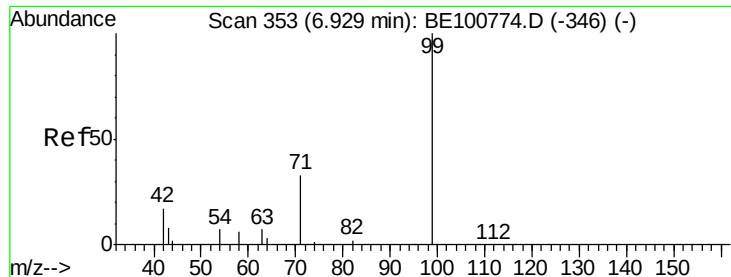
64 70.9 54.5 81.7

63 151.6 116.1 174.1



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: 0.069 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

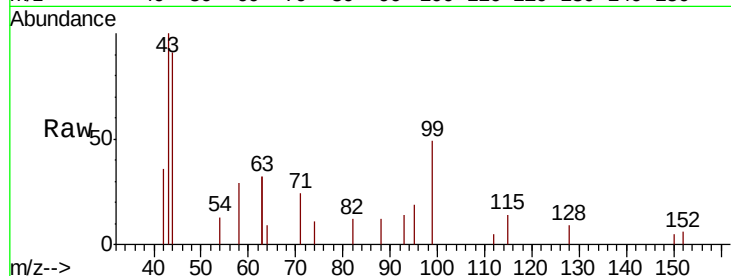
Tot Ion: 99 Resp: 1043

Ion Ratio Lower Upper

99 100

42 47.7 18.2 27.2#

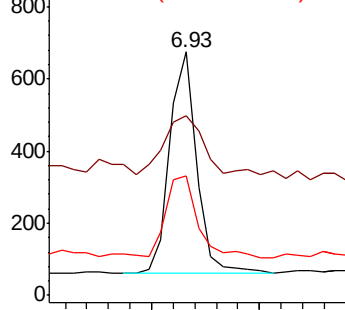
71 43.7 29.1 43.7#



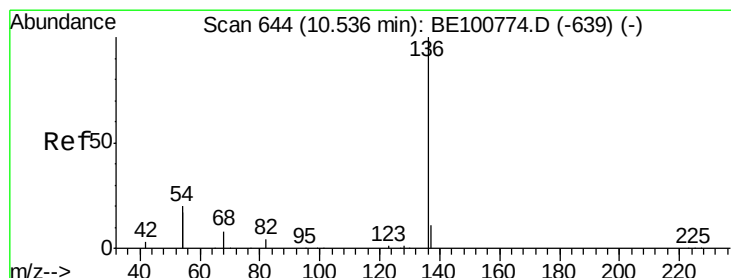
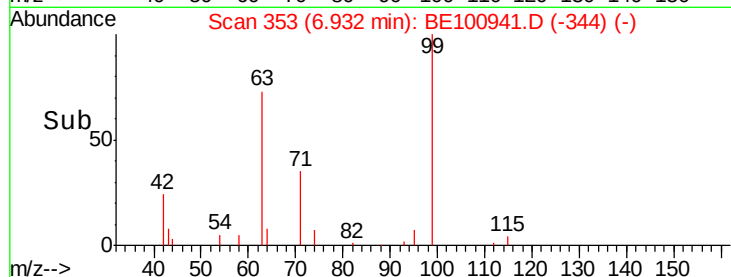
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Tgt Ion: 136 Resp: 20027

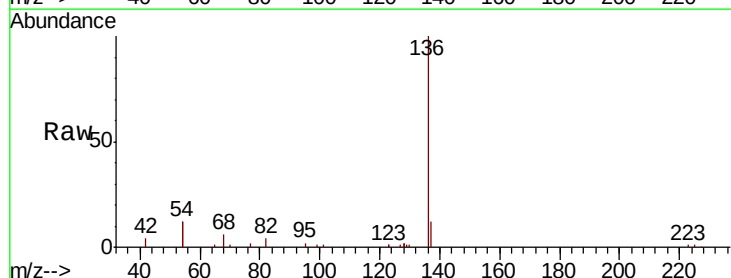
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 24.7 18.9 28.3

68 6.4 4.6 6.8

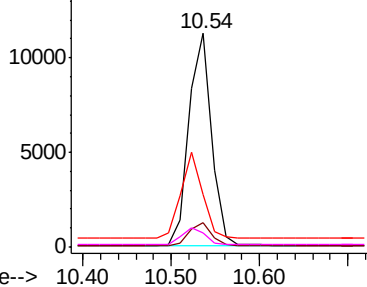


Abundance Ion 136.00 (135.70 to 136.70): E

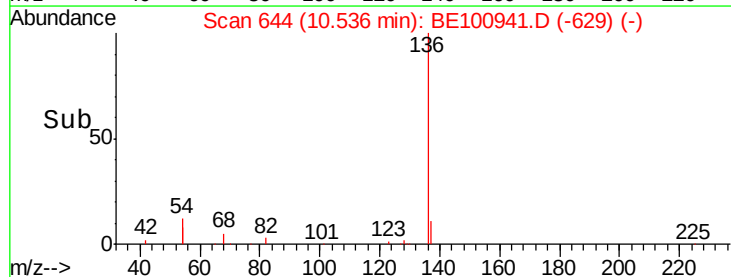
Ion 137.00 (136.70 to 137.70): E

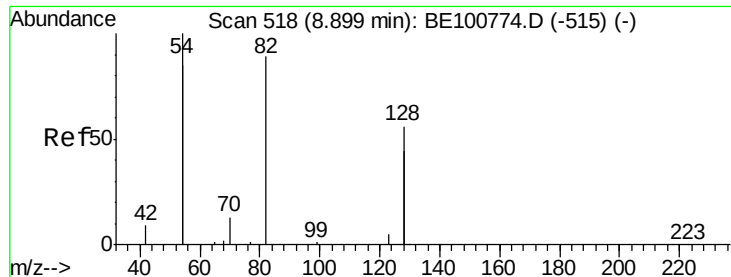
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time-->





#8

Nitrobenzene-d5

Concen: 0.289 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

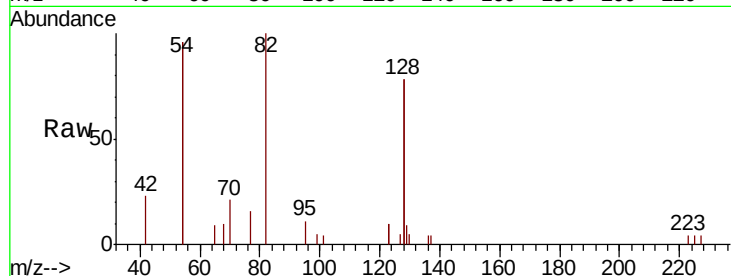
Tot Ion: 82 Resp: 2755

Ion Ratio Lower Upper

82 100

128 156.6 113.5 170.3

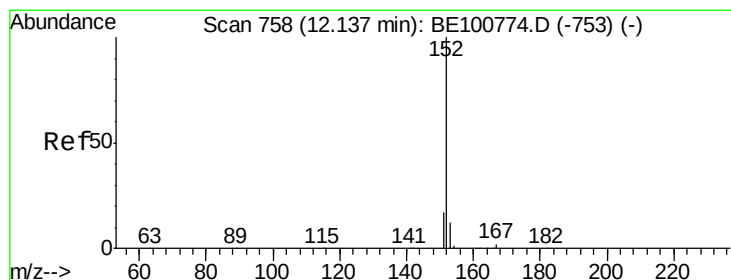
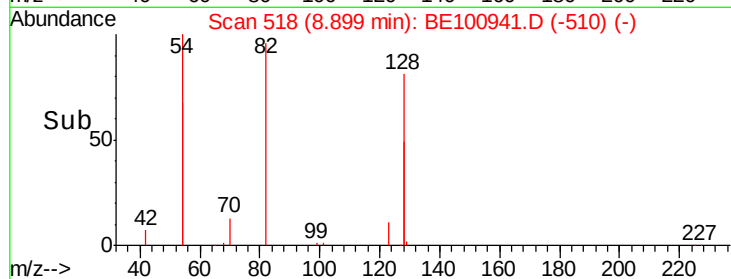
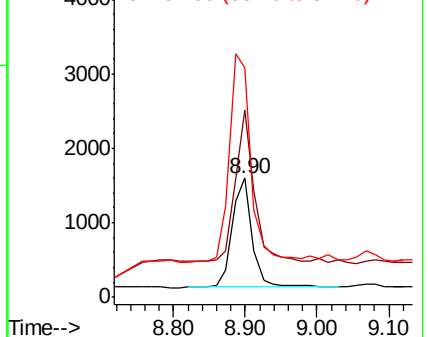
54 192.6 138.9 208.3



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.194 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100941.D

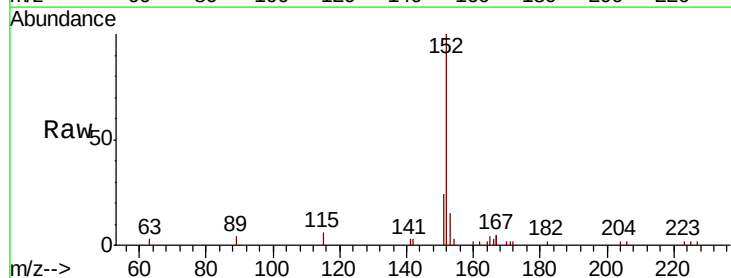
Acq: 17 Dec 2019 5:20

Tgt Ion: 152 Resp: 5617

Ion Ratio Lower Upper

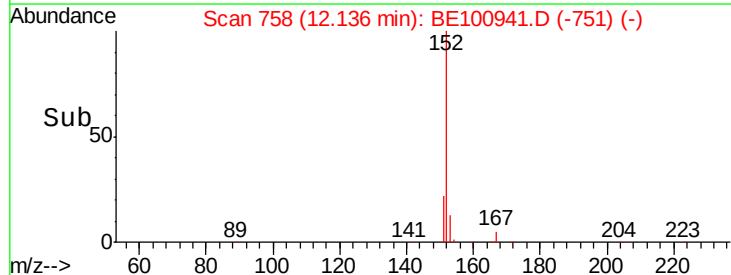
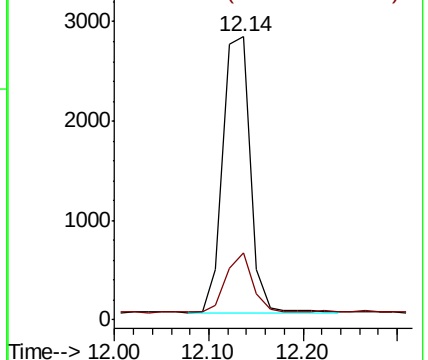
152 100

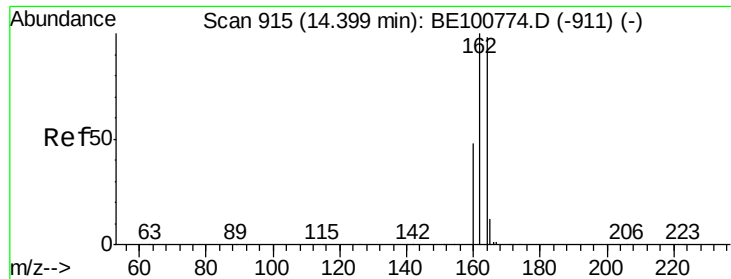
151 20.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

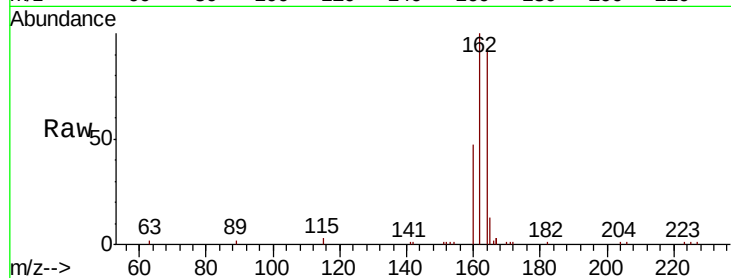




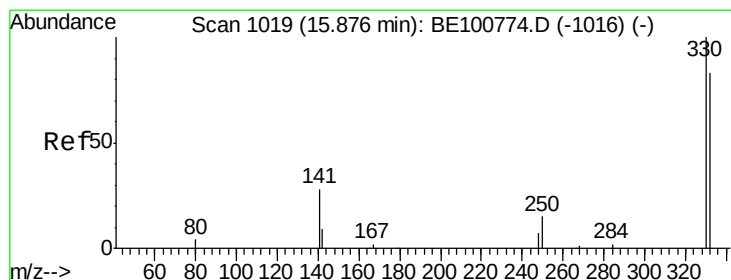
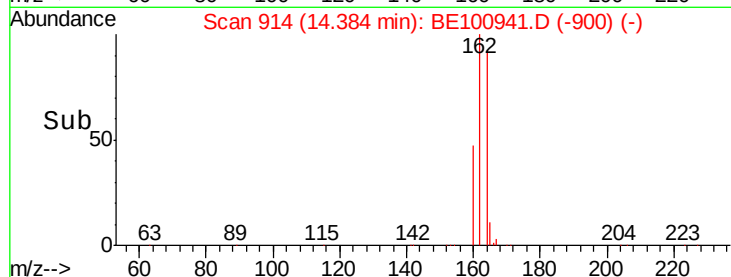
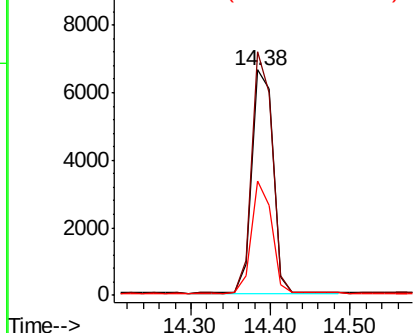
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100941.D
Acq: 17 Dec 2019 5:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 12200
Ion Ratio Lower Upper
164 100
162 108.0 86.0 129.0
160 51.0 42.3 63.5

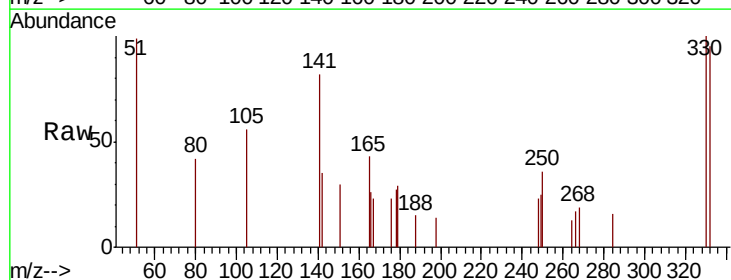


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

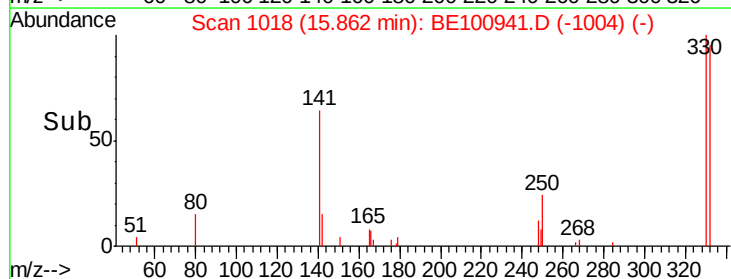
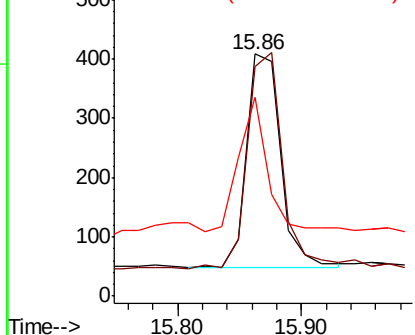


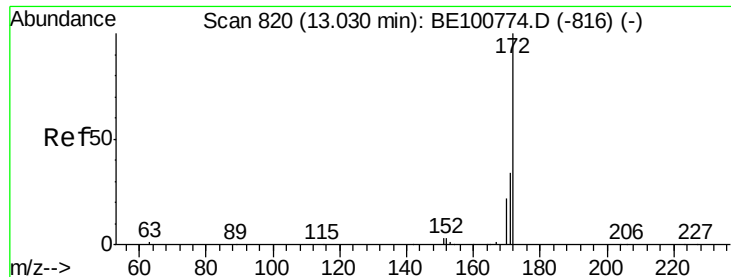
#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100941.D
Acq: 17 Dec 2019 5:20

Tgt Ion:330 Resp: 684
Ion Ratio Lower Upper
330 100
332 108.2 74.1 111.1
141 56.0 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

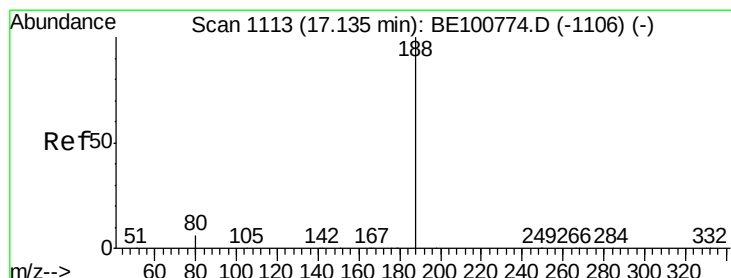
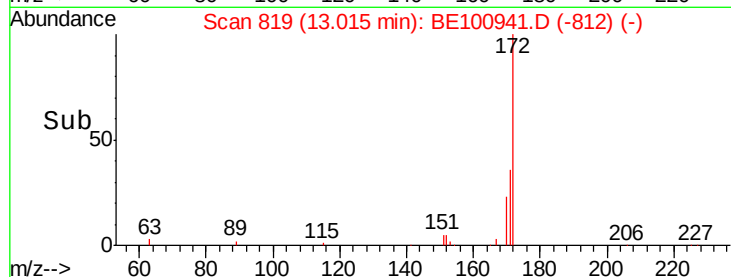
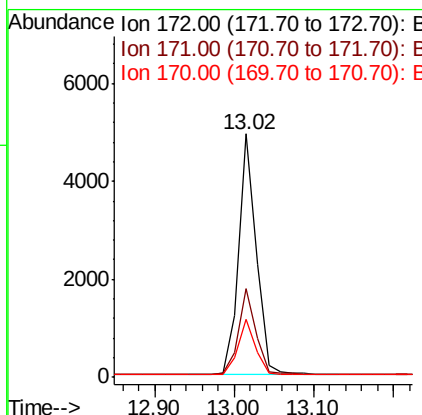
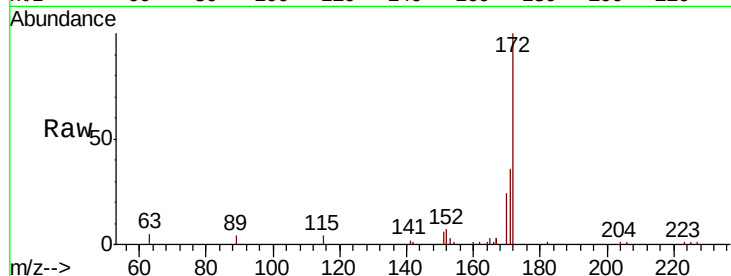




#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100941.D
Acq: 17 Dec 2019 5:20

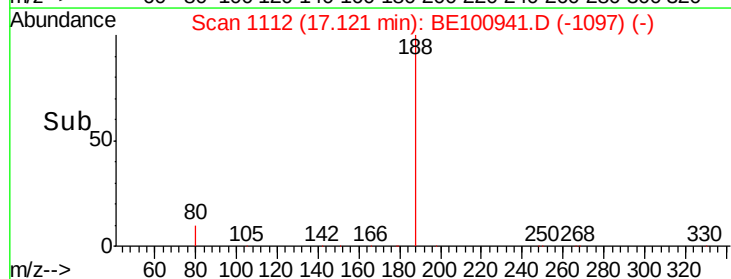
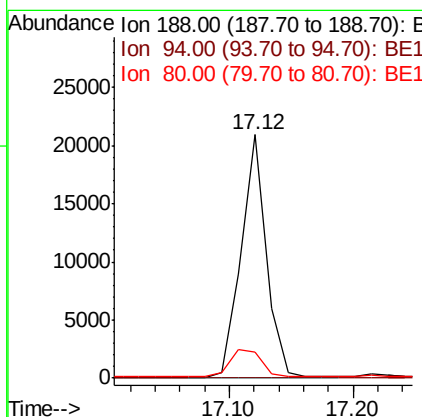
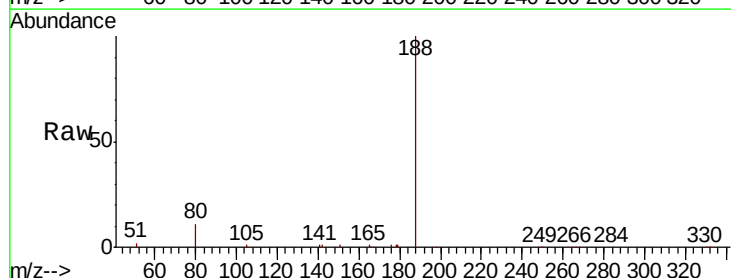
Instrument :
BNA_E
ClientSampleId :

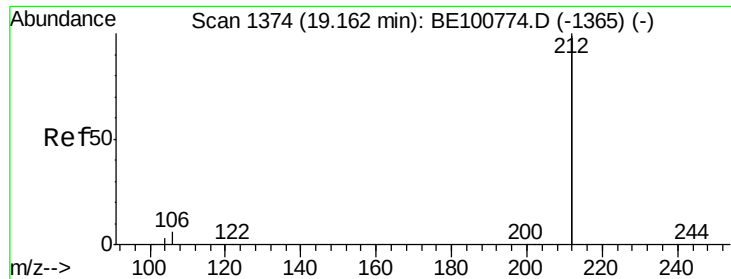
Tot Ion:172 Resp: 7542
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.4
170 24.1 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100941.D
Acq: 17 Dec 2019 5:20

Tgt Ion:188 Resp: 29468
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

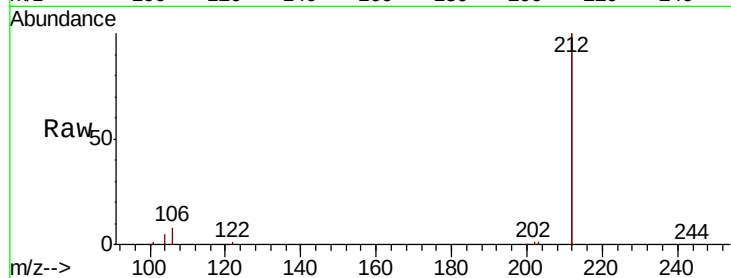
Tot Ion:212 Resp: 66780

Ion Ratio Lower Upper

212 100

106 3.7 2.6 4.0

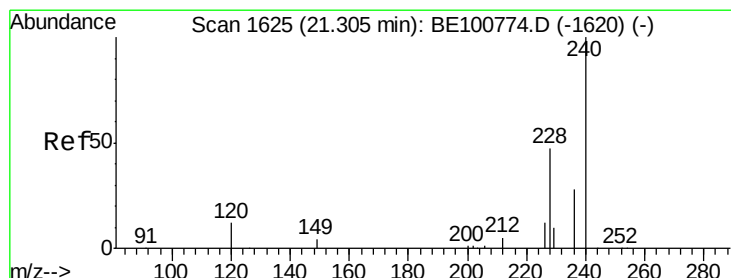
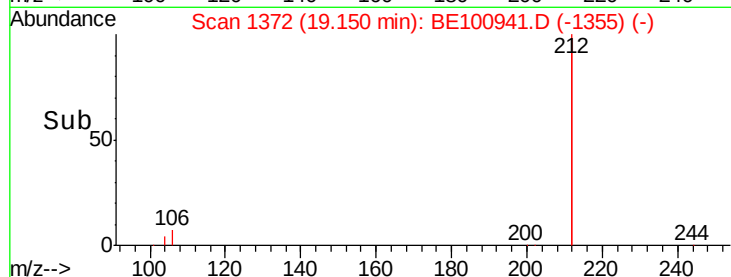
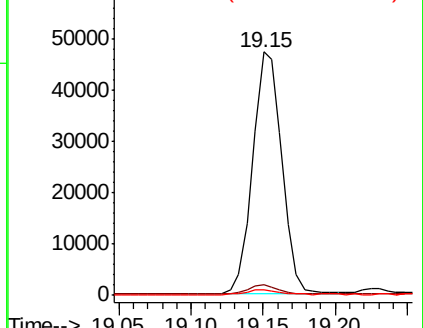
104 2.0 1.4 2.2



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: BE100941.D

Acq: 17 Dec 2019 5:20

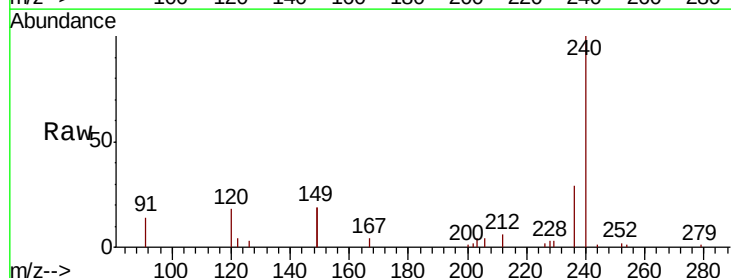
Tgt Ion:240 Resp: 27345

Ion Ratio Lower Upper

240 100

120 18.1 4.0 6.0#

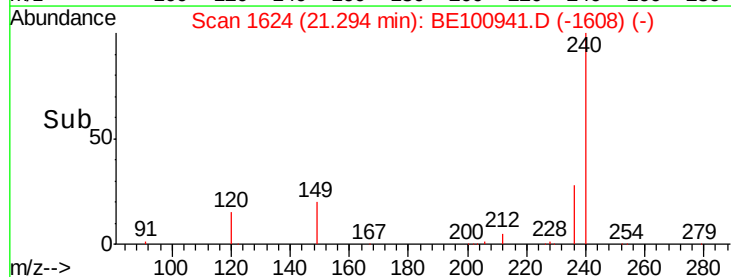
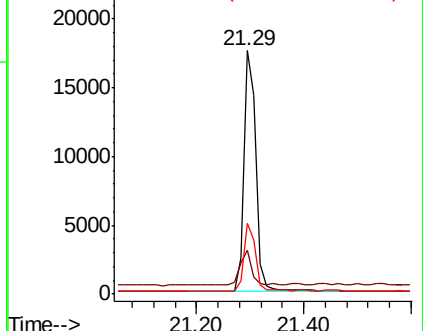
236 29.2 21.6 32.4

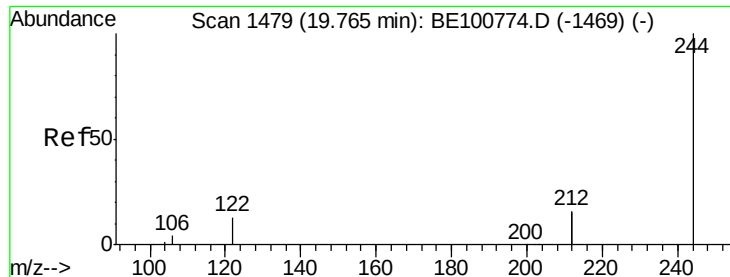


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.192 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

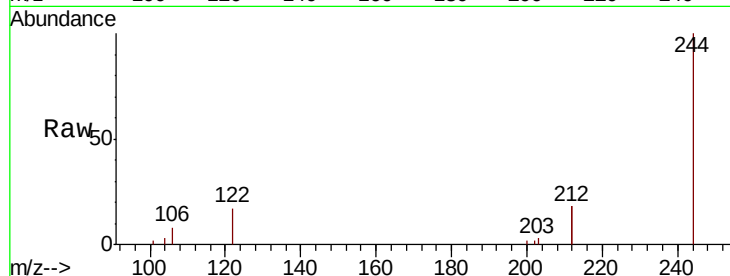
Tot Ion:244 Resp: 12581

Ion Ratio Lower Upper

244 100

212 36.1 25.2 37.8

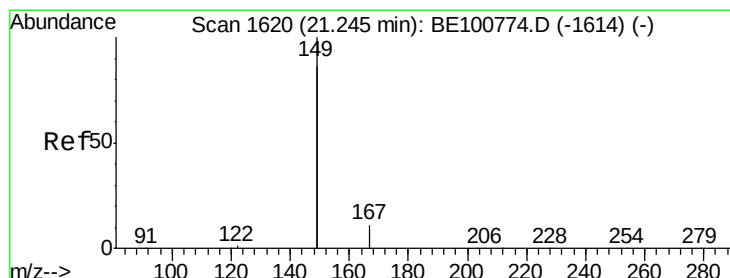
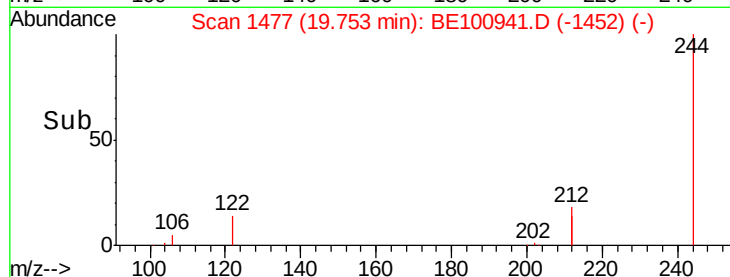
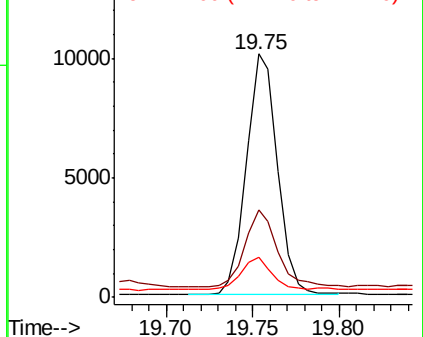
122 16.6 8.9 13.3#



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: 1.413 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

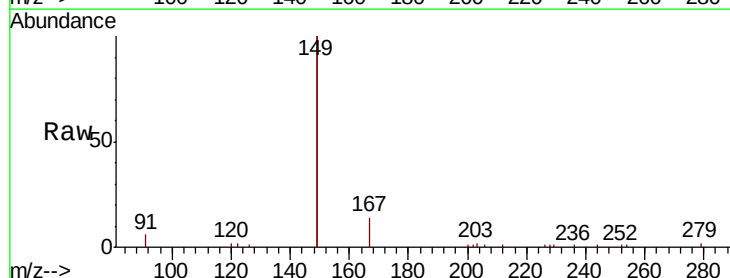
Tgt Ion:149 Resp: 96663

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.4

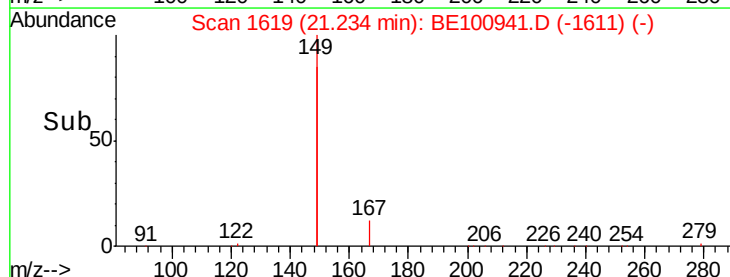
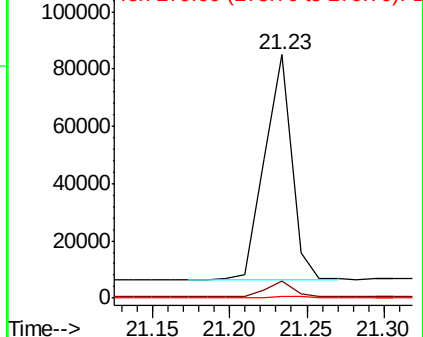
279 0.9 0.6 1.0

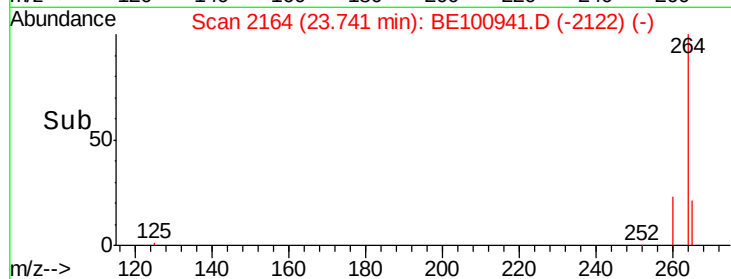
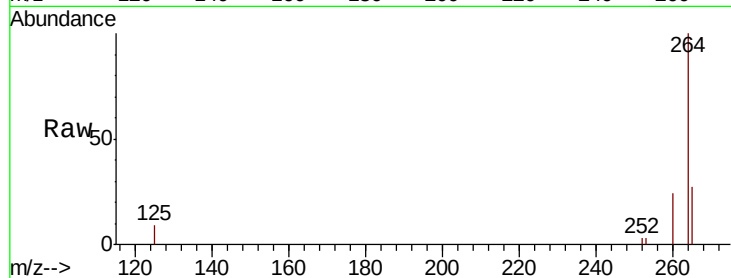
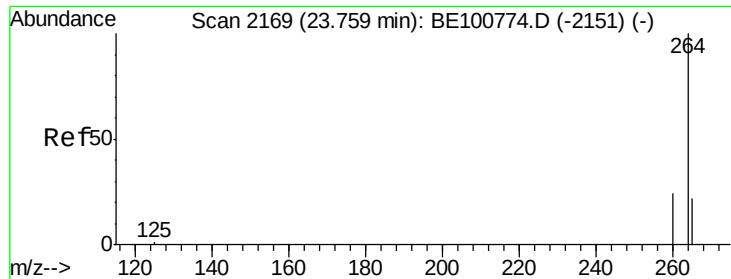


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 32075

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 27.4 20.1 30.1

