

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100918.D
 Acq On : 16 Dec 2019 12:52
 Operator : JU
 Sample : K6251-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 16 14:10:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

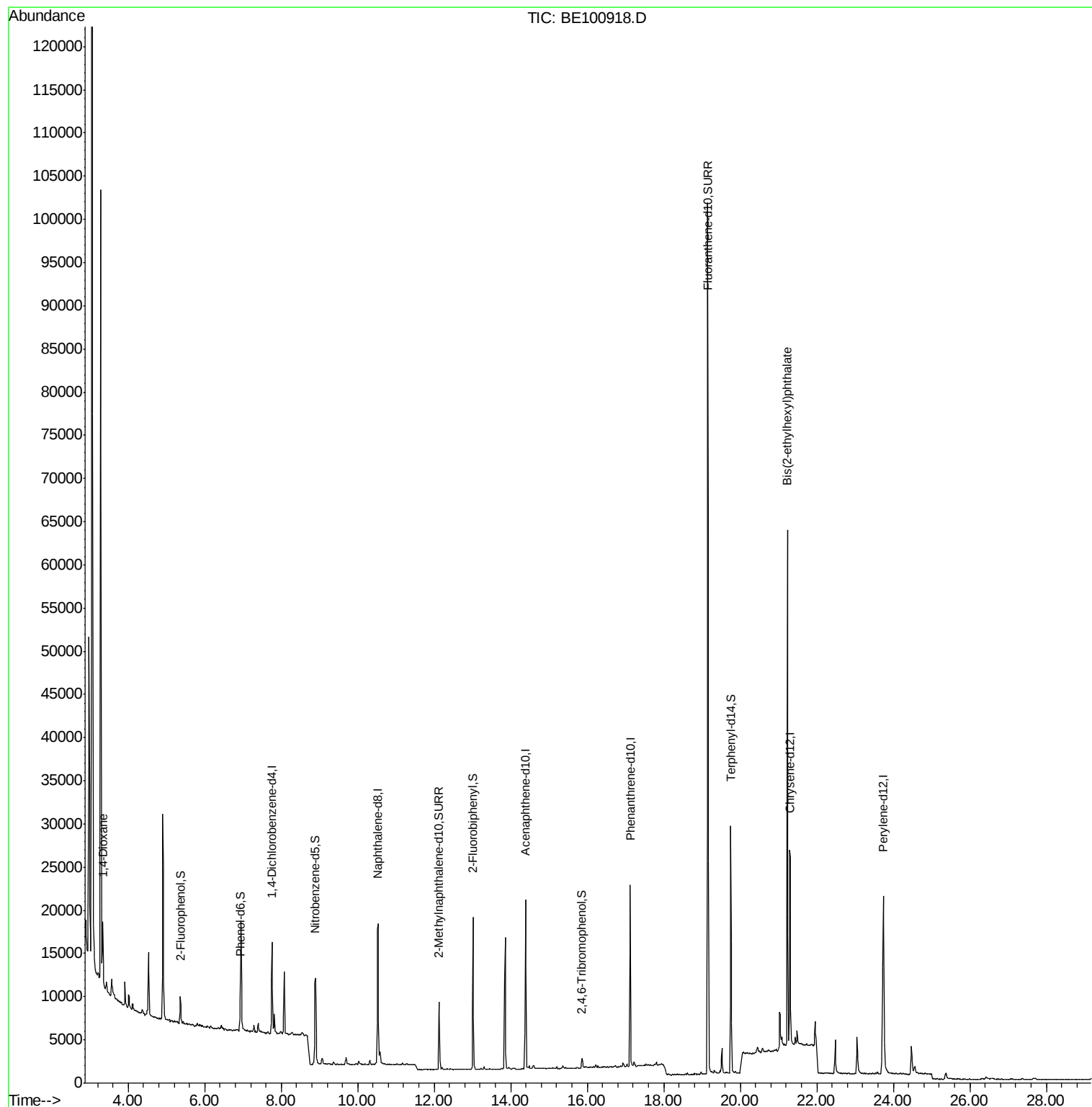
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4567	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20780	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11470	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	28783	0.40	ng	0.00
27) Chrysene-d12	21.30	240	27101	0.40	ng	0.00
34) Perylene-d12	23.74	264	31544	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1584	0.15	ng	0.00
5) Phenol-d6	6.93	99	1540	0.09	ng	0.00
8) Nitrobenzene-d5	8.90	82	4611	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	11164	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	597	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	15704	0.35	ng	0.00
25) Fluoranthene-d10	19.15	212	134085	0.39	ng	0.00
29) Terphenyl-d14	19.75	244	25201	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	4594	0.552	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.23	149	60661	0.991	ng	100

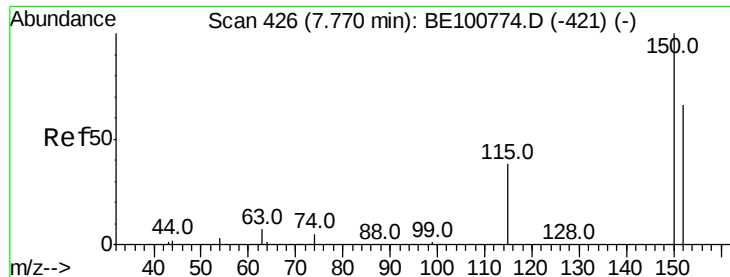
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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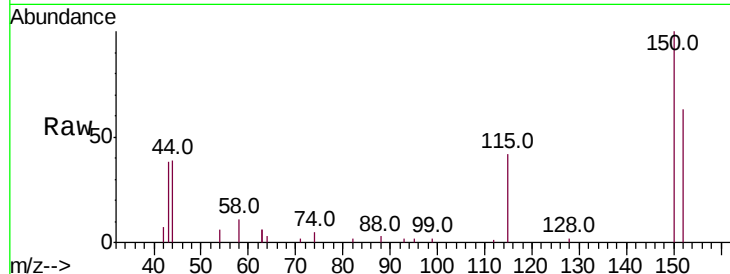


#1

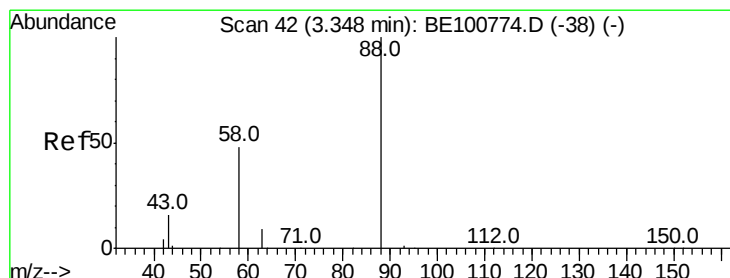
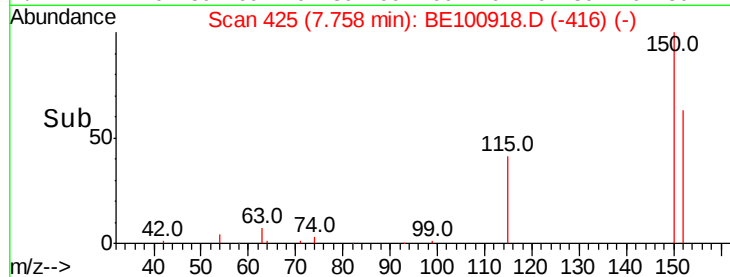
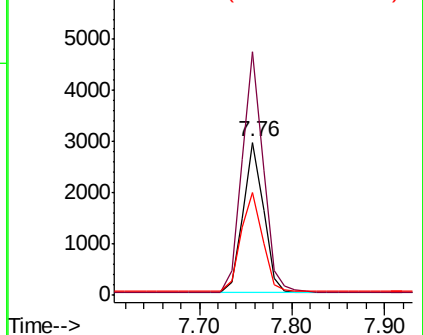
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.00 min
Lab File: BE100918.D
Acq: 16 Dec 2019 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4567
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 67.2 55.7 83.5



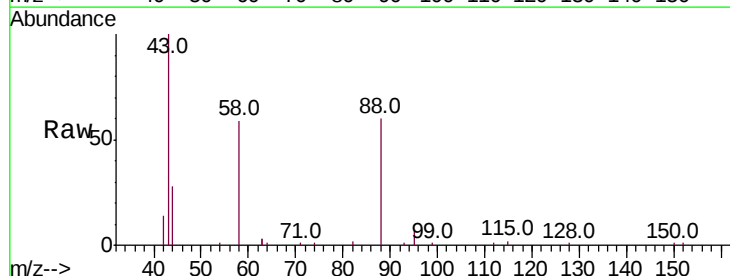
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



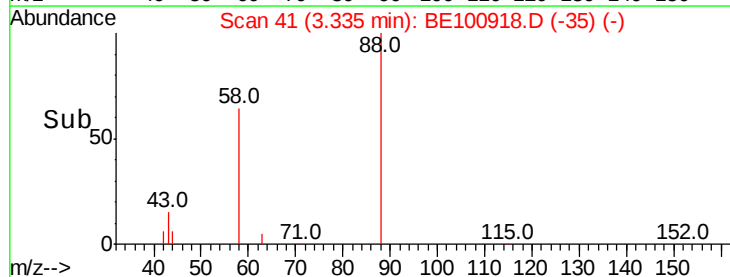
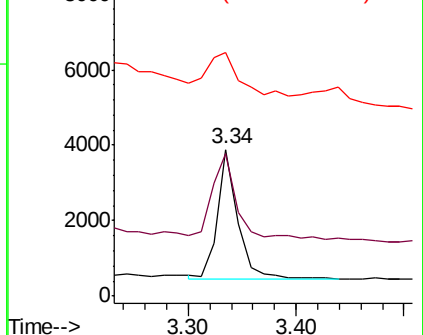
#2

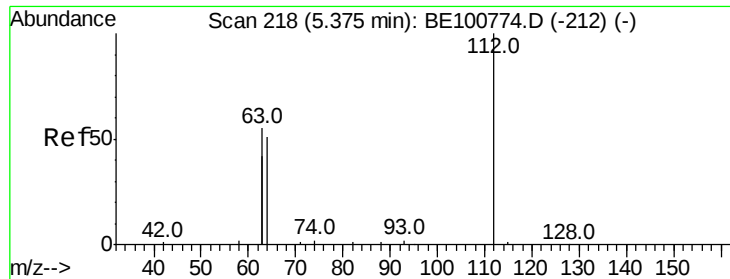
1,4-Dioxane
Concen: 0.552 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100918.D
Acq: 16 Dec 2019 12:52

Tgt Ion: 88 Resp: 4594
Ion Ratio Lower Upper
88 100
58 76.7 52.3 78.5
43 50.3 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





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100918.D

Acq: 16 Dec 2019 12:52

Instrument :

BNA_E

ClientSampled :

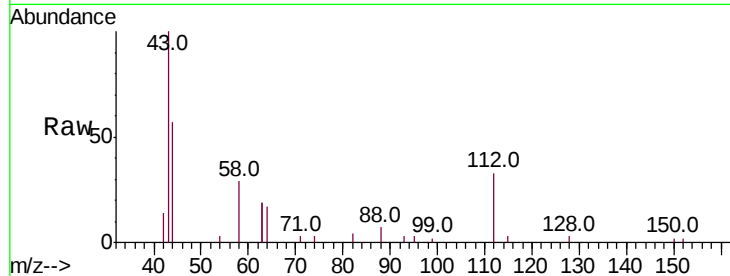
Tot Ion:112 Resp: 1584

Ion Ratio Lower Upper

112 100

64 71.2 54.5 81.7

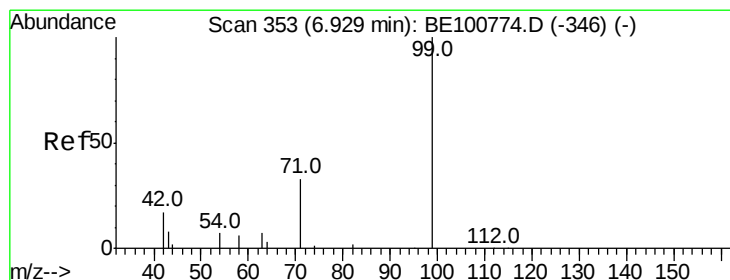
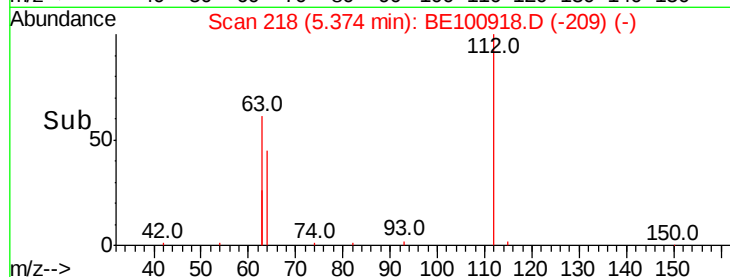
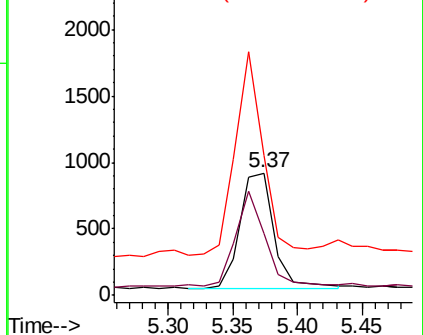
63 145.5 116.1 174.1



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: 0.094 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100918.D

Acq: 16 Dec 2019 12:52

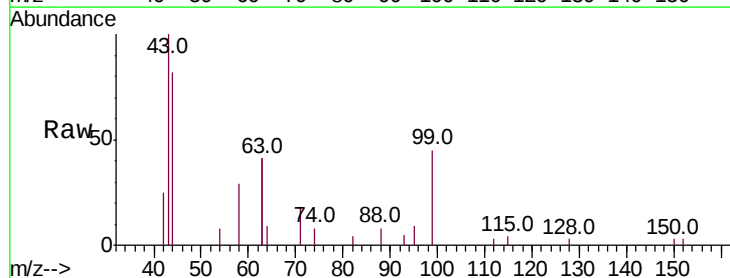
Tgt Ion: 99 Resp: 1540

Ion Ratio Lower Upper

99 100

42 70.1 18.2 27.2#

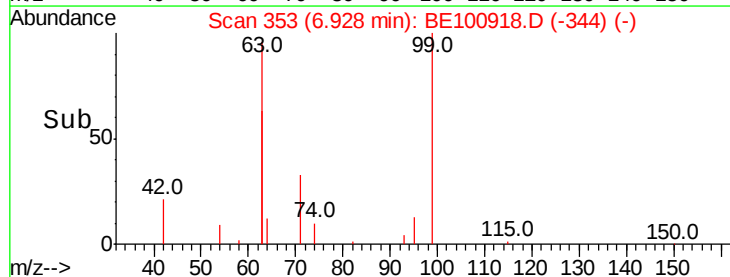
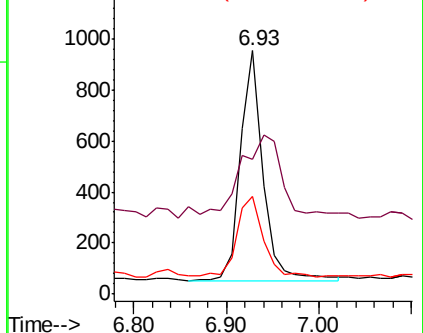
71 42.7 29.1 43.7

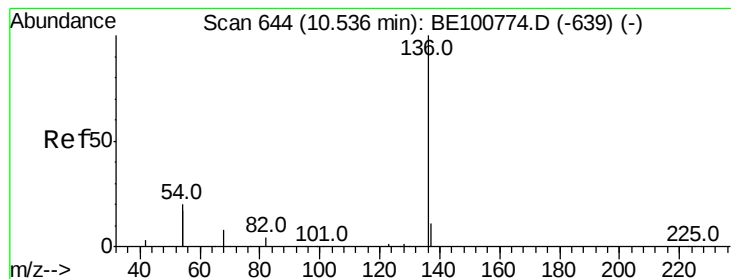


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100918.D

Acq: 16 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 20780

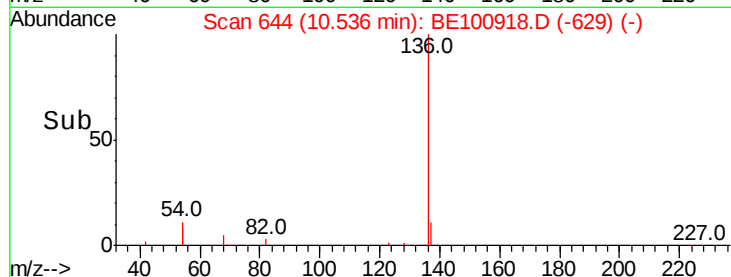
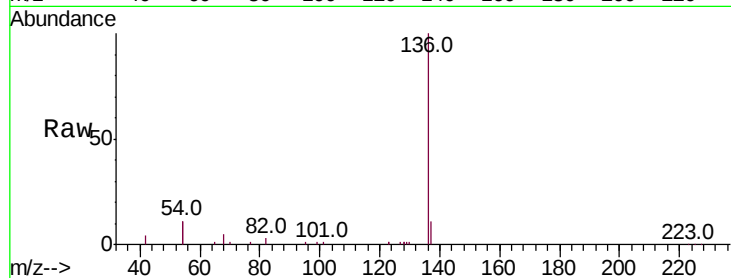
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 22.6 18.9 28.3

68 5.3 4.6 6.8

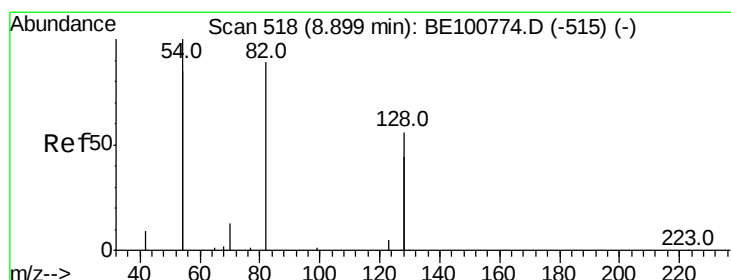
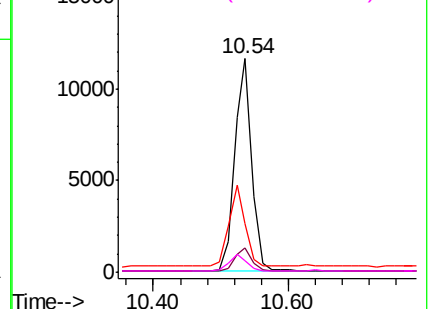


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.466 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100918.D

Acq: 16 Dec 2019 12:52

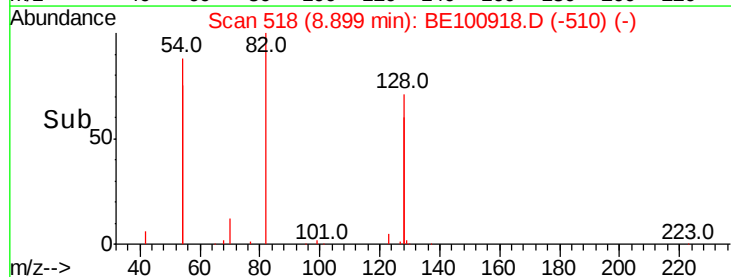
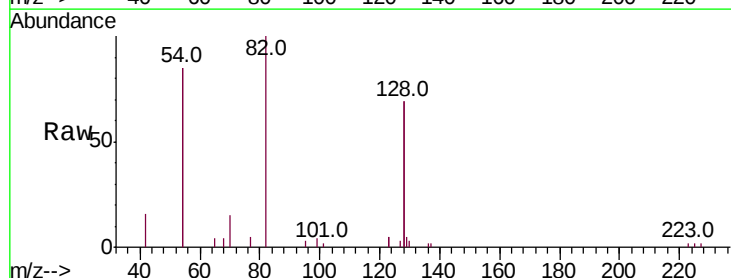
Tgt Ion: 82 Resp: 4611

Ion Ratio Lower Upper

82 100

128 137.4 113.5 170.3

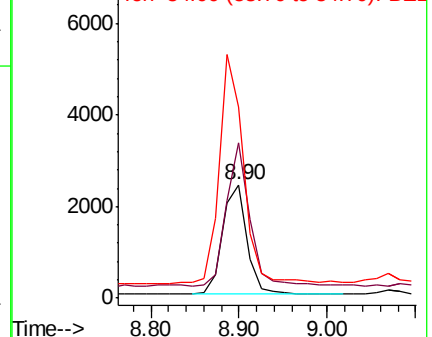
54 169.6 138.9 208.3

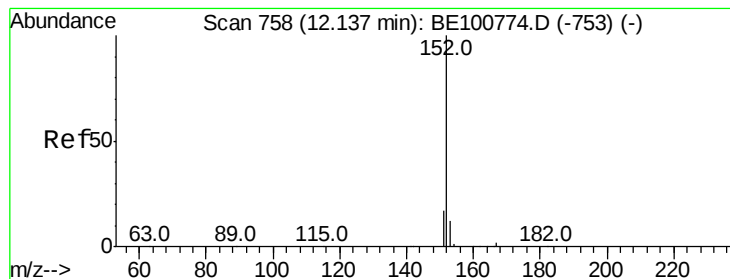


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

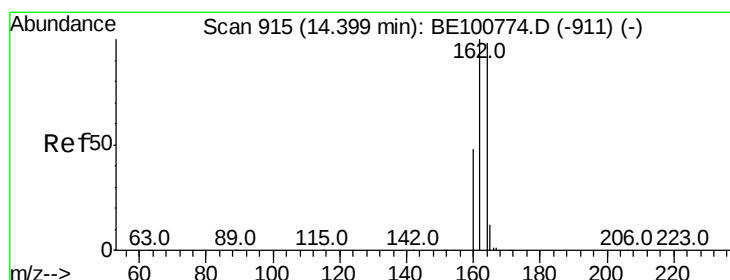
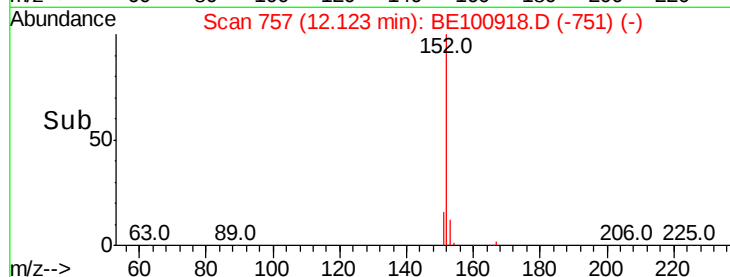
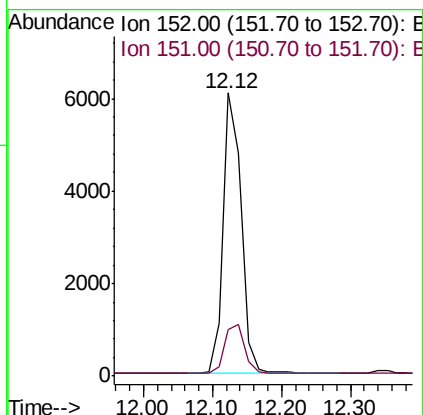
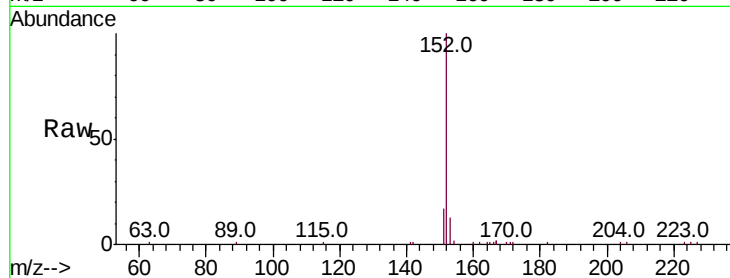




#11
 2-Methylnaphthalene-d10
 Concen: 0.371 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BE100918.D
 Acq: 16 Dec 2019 12:52

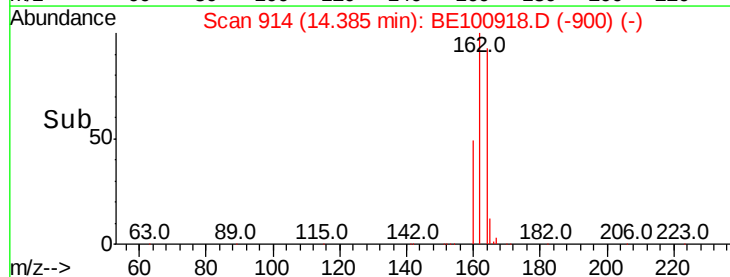
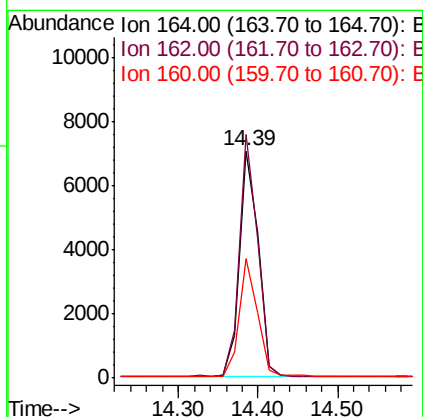
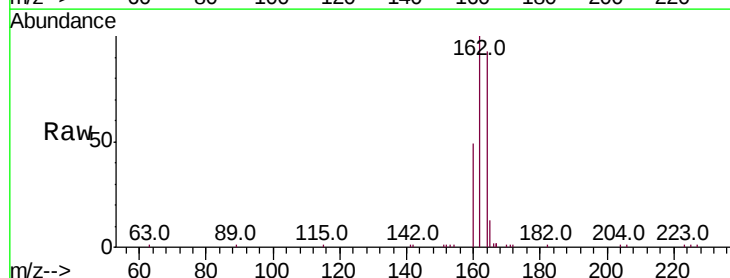
Instrument :
 BNA_E
 ClientSampleId :

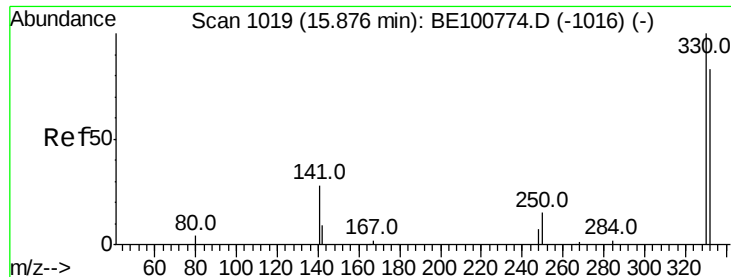
Tot Ion:152 Resp: 11164
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100918.D
 Acq: 16 Dec 2019 12:52

Tgt Ion:164 Resp: 11470
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.0 129.0
 160 52.7 42.3 63.5

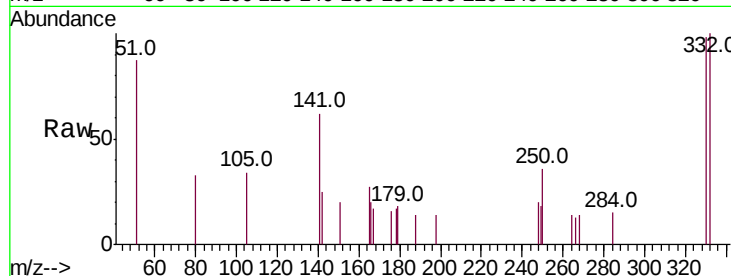




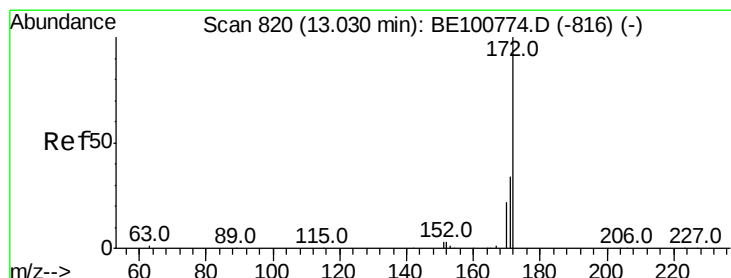
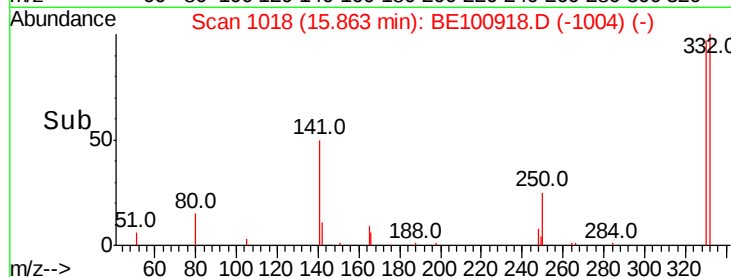
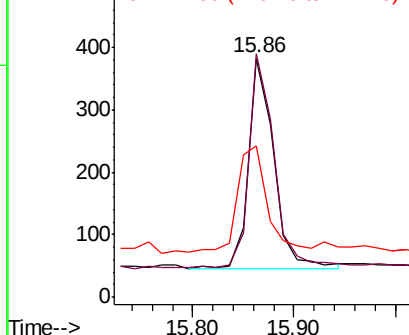
#14
 2,4,6-Tribromophenol
 Concen: 0.468 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100918.D
 Acq: 16 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 597
 Ion Ratio Lower Upper
 330 100
 332 101.0 74.1 111.1
 141 57.5 46.7 70.1

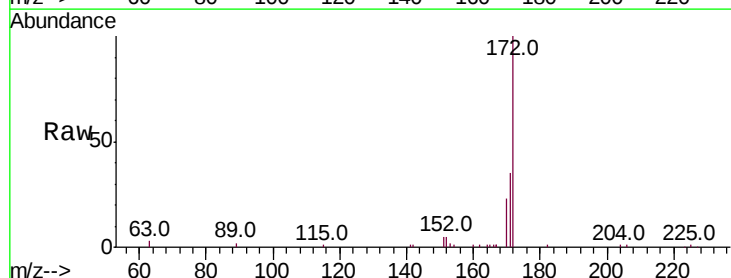


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

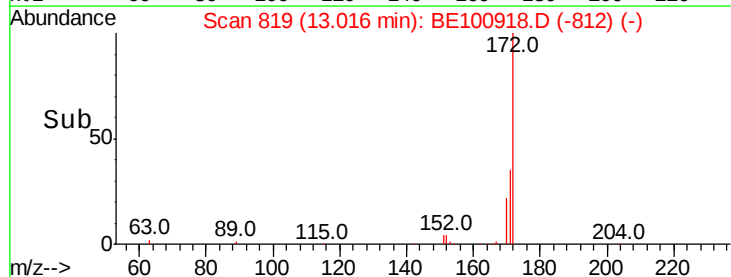
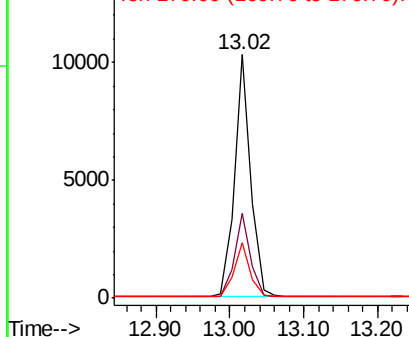


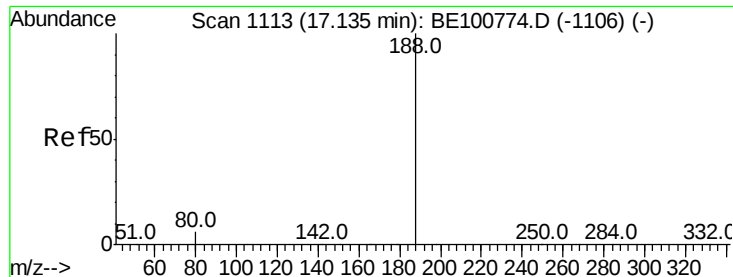
#15
 2-Fluorobiphenyl
 Concen: 0.345 ng
 RT: 13.02 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BE100918.D
 Acq: 16 Dec 2019 12:52

Tgt Ion:172 Resp: 15704
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.4
 170 22.8 19.4 29.0



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

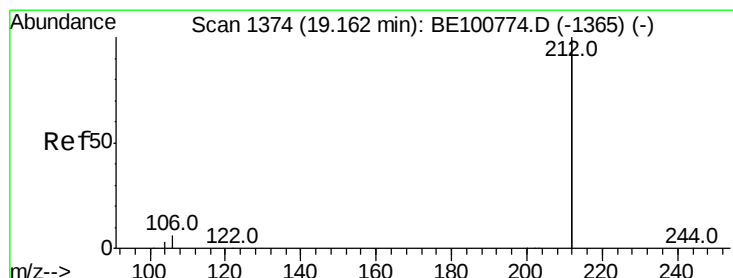
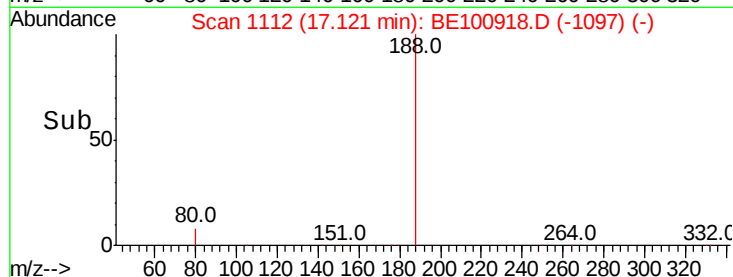
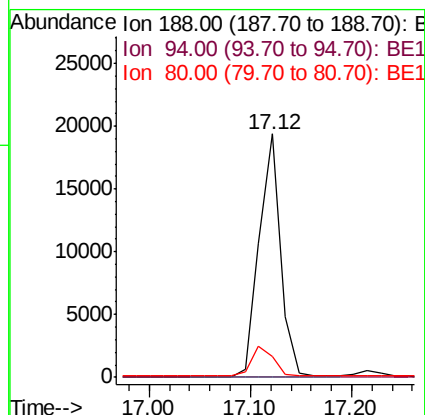
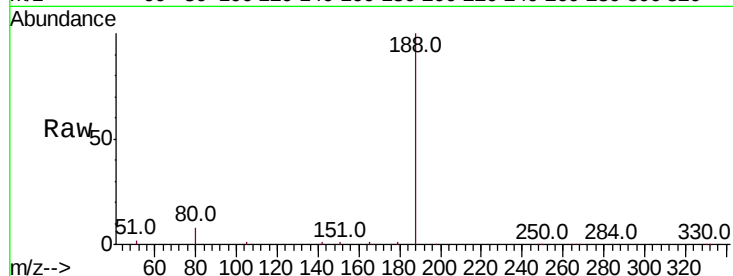




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100918.D
Acq: 16 Dec 2019 12:52

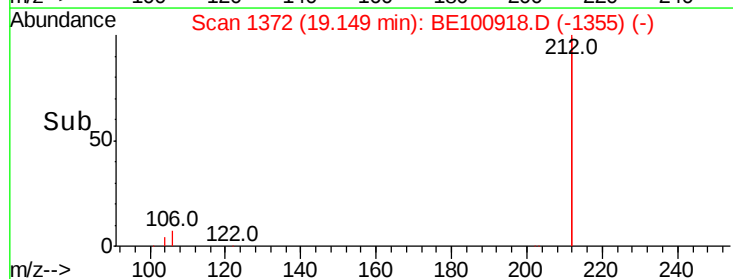
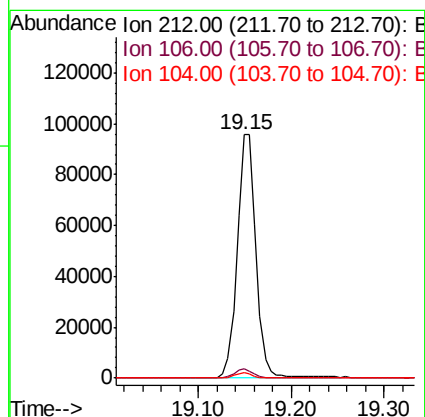
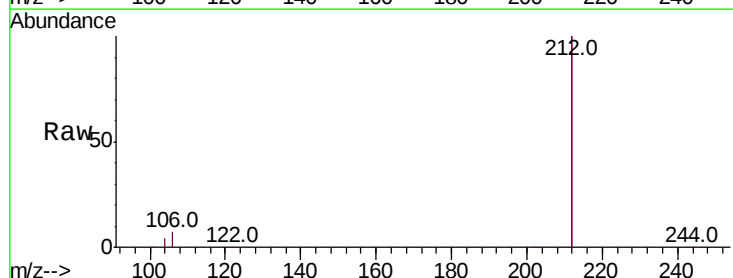
Instrument :
BNA_E
ClientSampled :

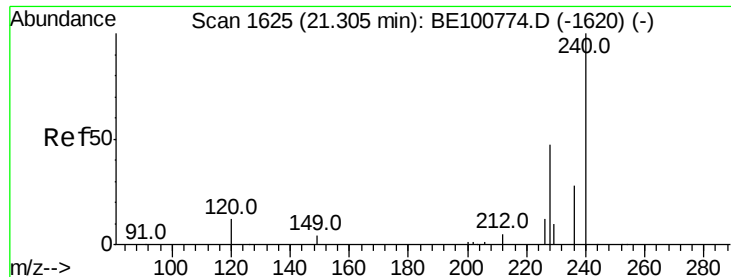
Tot Ion:188 Resp: 28783
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.9 11.9



#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE100918.D
Acq: 16 Dec 2019 12:52

Tgt Ion:212 Resp: 134085
Ion Ratio Lower Upper
212 100
106 3.5 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: BE100918.D

Acq: 16 Dec 2019 12:52

Instrument :

BNA_E

ClientSampleId :

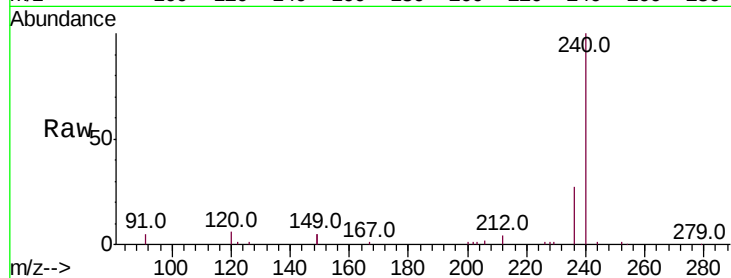
Tot Ion:240 Resp: 27101

Ion Ratio Lower Upper

240 100

120 5.8 4.0 6.0

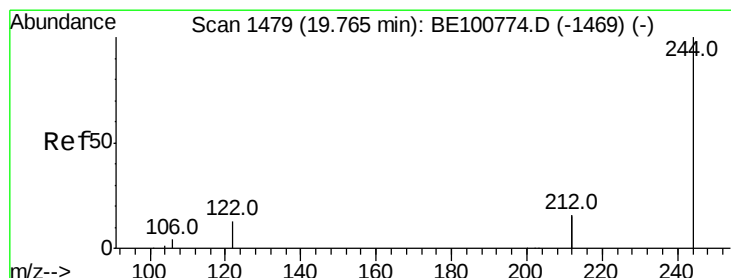
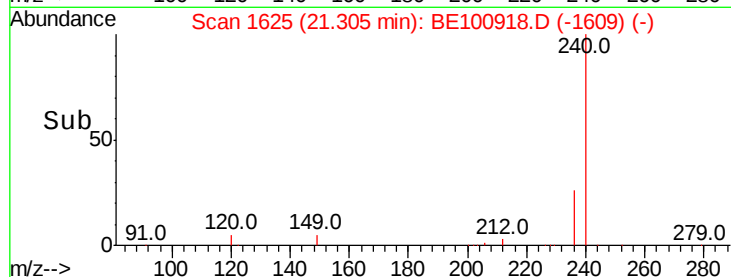
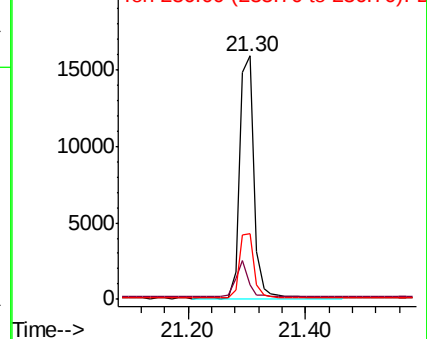
236 26.8 21.6 32.4



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: 0.388 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100918.D

Acq: 16 Dec 2019 12:52

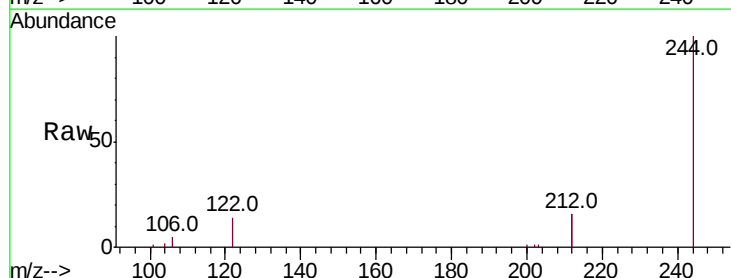
Tgt Ion:244 Resp: 25201

Ion Ratio Lower Upper

244 100

212 32.8 25.2 37.8

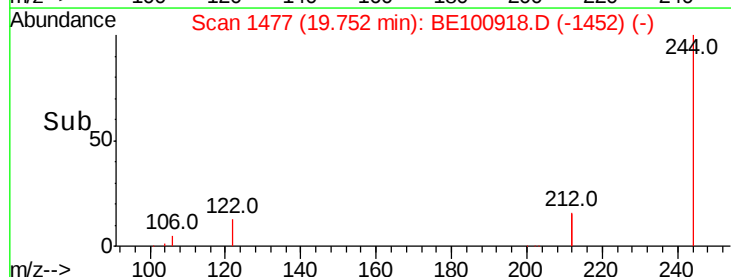
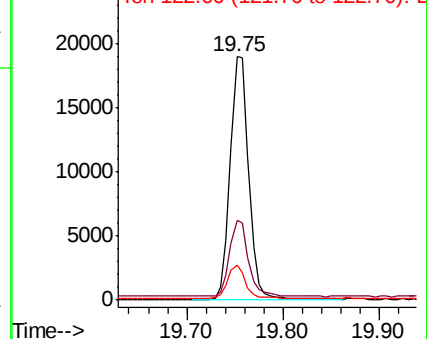
122 14.3 8.9 13.3#

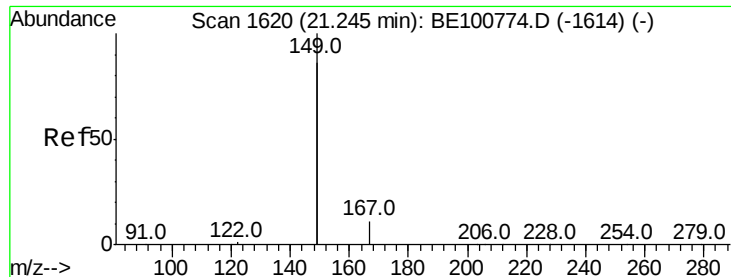


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

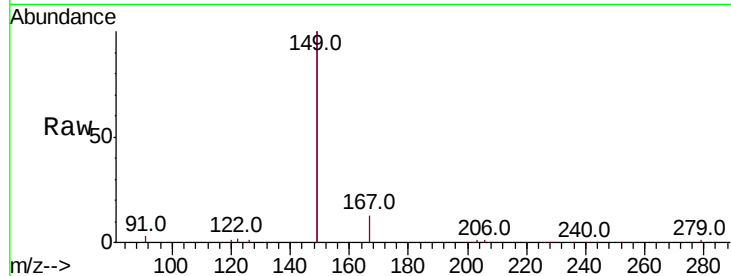




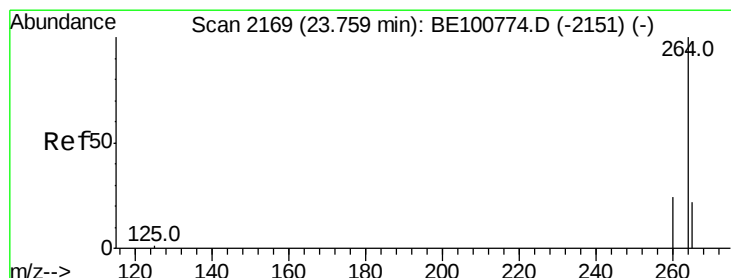
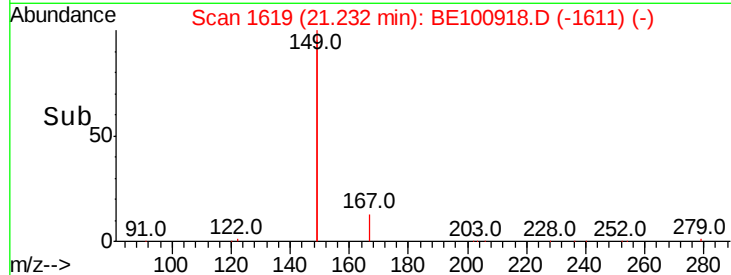
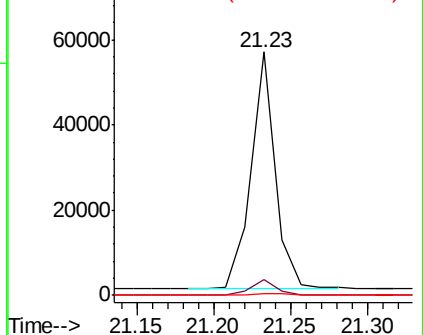
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.991 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100918.D
 Acq: 16 Dec 2019 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 60661
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.0 7.4
 279 0.8 0.6 1.0

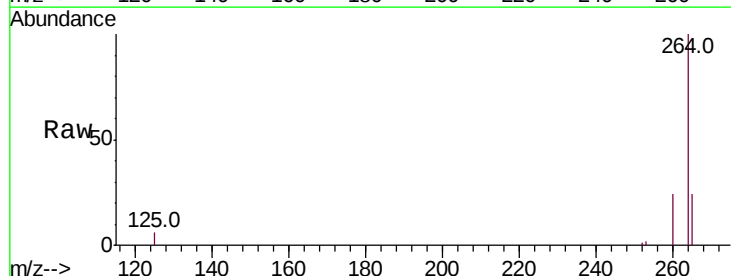


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BE100918.D
 Acq: 16 Dec 2019 12:52

Tgt Ion:264 Resp: 31544
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 24.2 20.1 30.1



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

