

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100933.D
 Acq On : 17 Dec 2019 00:25
 Operator : JU
 Sample : K6252-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE135D2-20191210

Quant Time: Dec 17 06:20:28 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

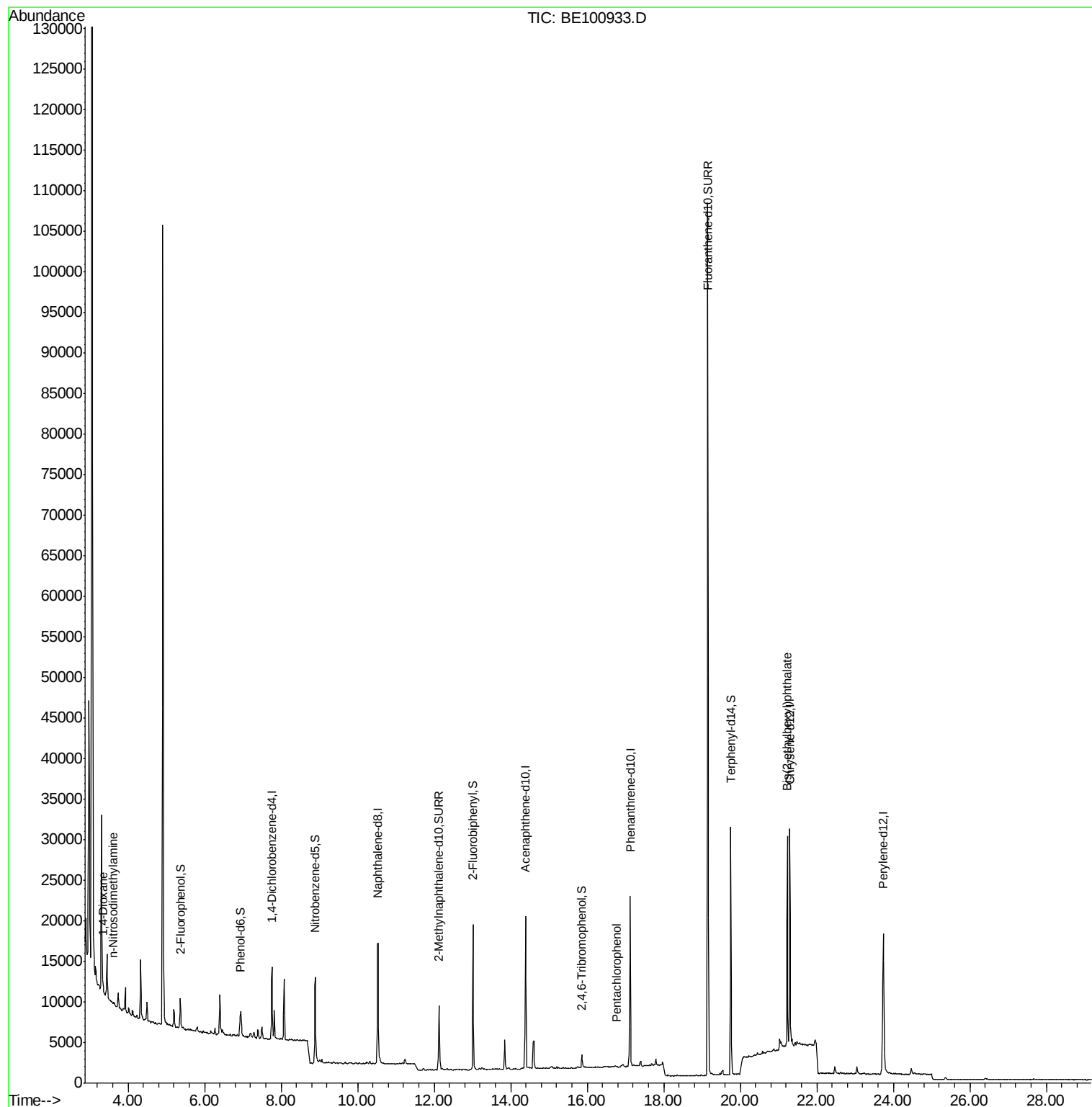
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4043	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19125	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11273	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29237	0.40	ng	0.00
27) Chrysene-d12	21.29	240	26642	0.40	ng	-0.01
34) Perylene-d12	23.74	264	27787	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1853	0.19	ng	0.00
5) Phenol-d6	6.93	99	1760	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	4914	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	11305	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	934	0.74	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	15690	0.35	ng	0.00
25) Fluoranthene-d10	19.15	212	136484	0.39	ng	0.00
29) Terphenyl-d14	19.75	244	25909	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	998	0.135	ng	# 76
3) n-Nitrosodimethylamine	3.61	42	124	0.021	ng	# 1
22) Pentachlorophenol	16.77	266	33	0.031	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.23	149	30549	0.552	ng	99

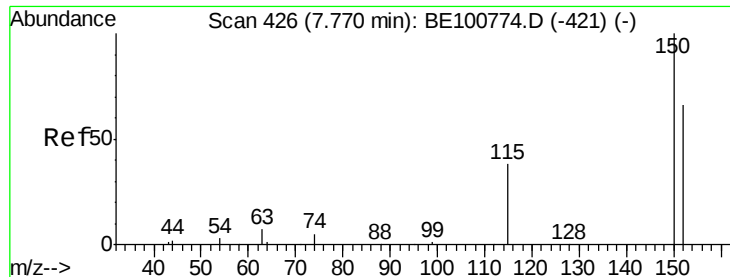
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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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: BE100933.D

Acq: 17 Dec 2019 00:25

Instrument :

BNA_E

ClientSampleId :

RE135D2-20191210

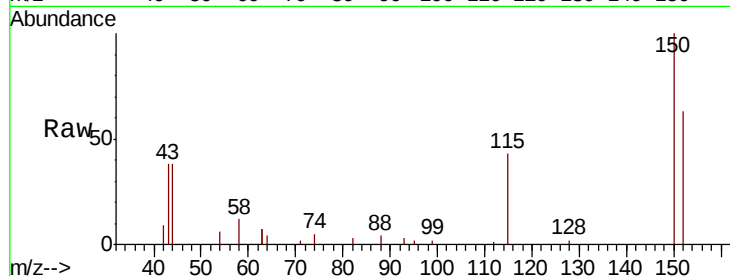
Tot Ion:152 Resp: 4043

Ion Ratio Lower Upper

152 100

150 159.4 125.5 188.3

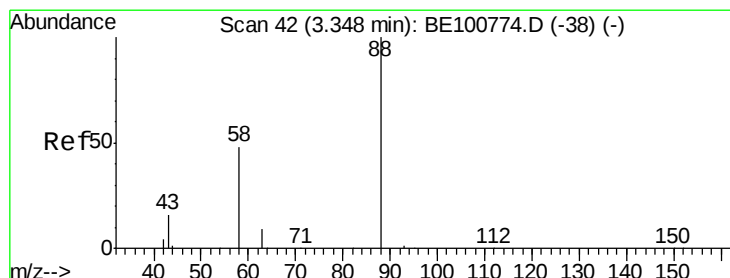
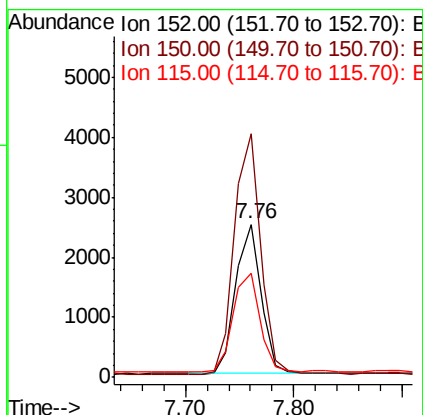
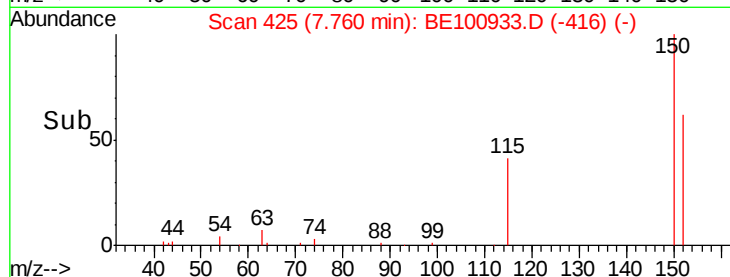
115 68.2 55.7 83.5



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: 0.135 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100933.D

Acq: 17 Dec 2019 00:25

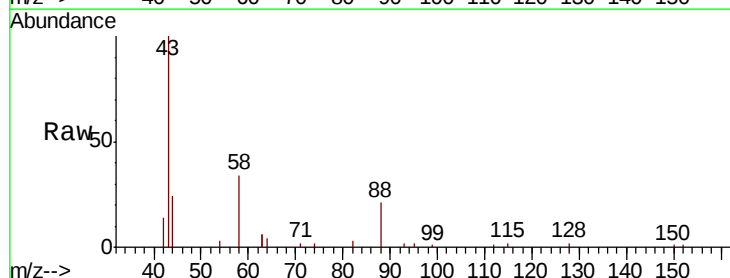
Tgt Ion: 88 Resp: 998

Ion Ratio Lower Upper

88 100

58 73.0 52.3 78.5

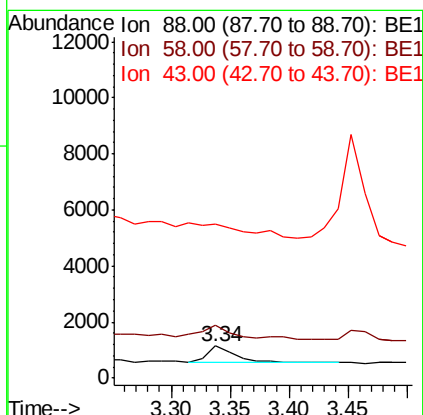
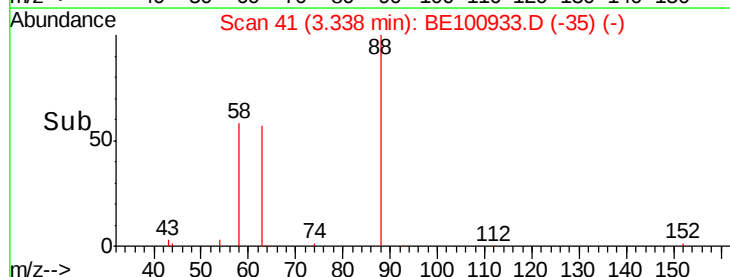
43 0.0 23.5 35.3#

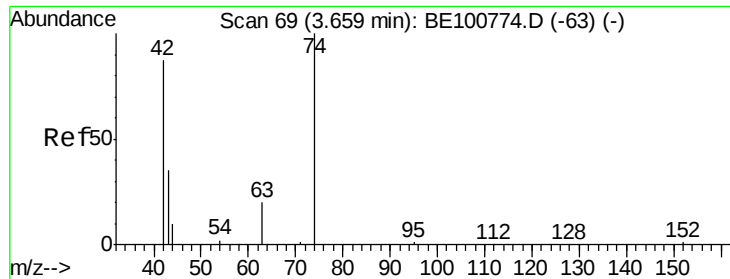


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



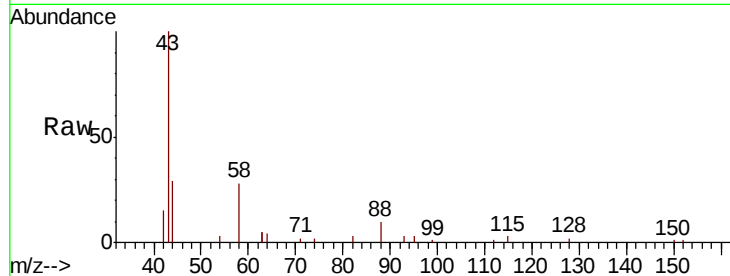


#3

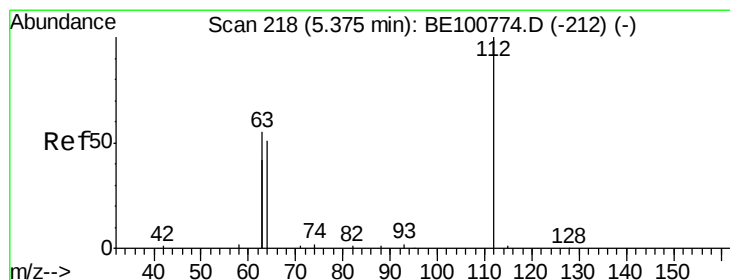
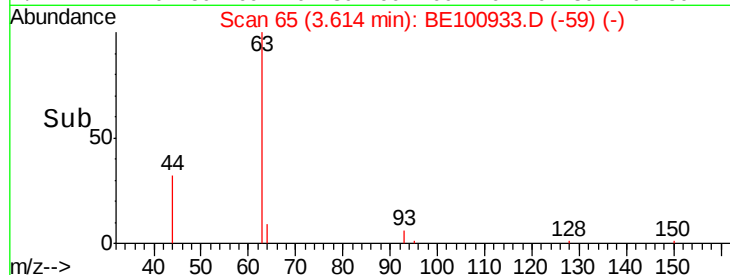
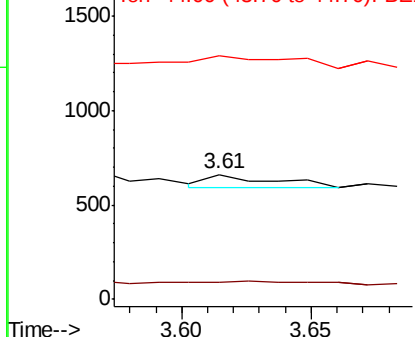
n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.03 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Instrument :
 BNA_E
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 RE135D2-20191210

Tot Ion: 42 Resp: 124
 Ion Ratio Lower Upper
 42 100
 74 31.5 90.3 135.5#
 44 166.9 9.0 13.4#



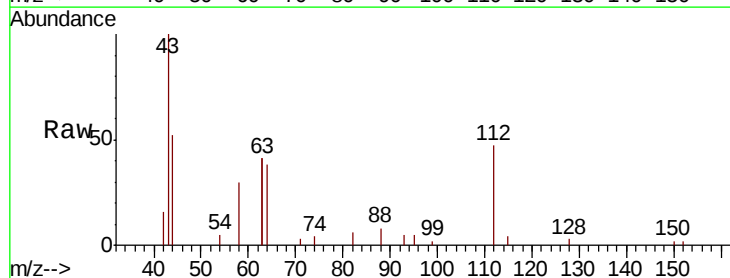
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



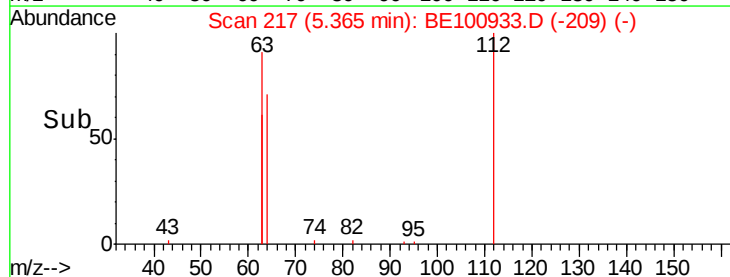
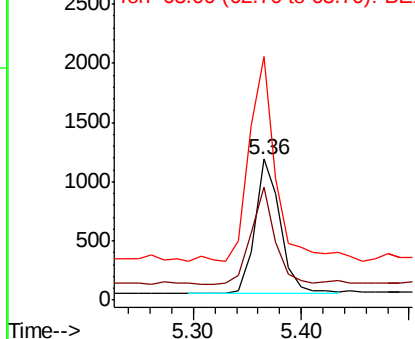
#4

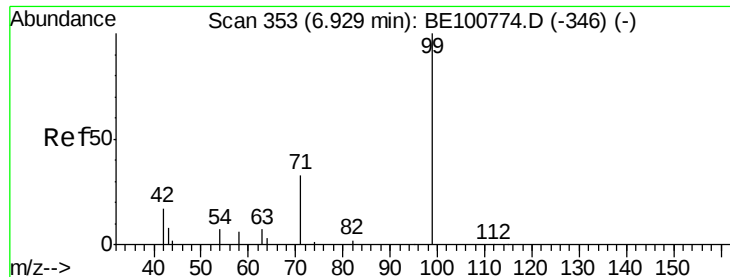
2-Fluorophenol
 Concen: 0.193 ng
 RT: 5.36 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Tgt Ion: 112 Resp: 1853
 Ion Ratio Lower Upper
 112 100
 64 67.7 54.5 81.7
 63 156.7 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE1
 Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100933.D

Acq: 17 Dec 2019 00:25

Instrument :

BNA_E

ClientSampleId :

RE135D2-20191210

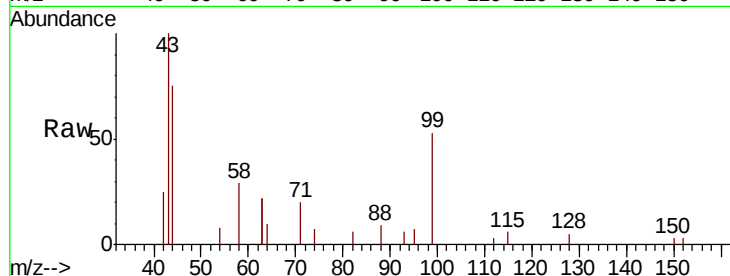
Tot Ion: 99 Resp: 1760

Ion Ratio Lower Upper

99 100

42 45.6 18.2 27.2#

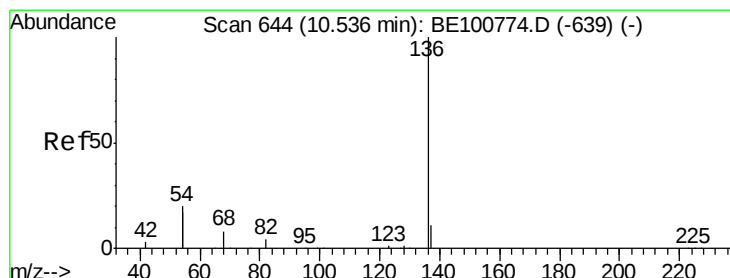
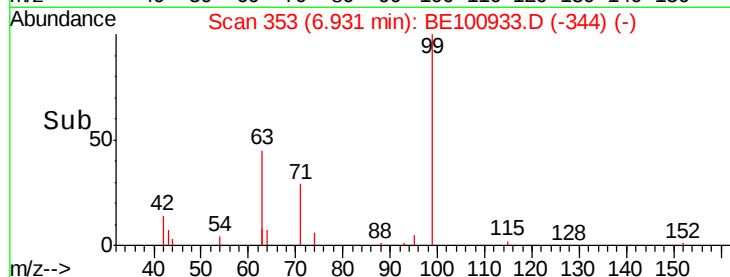
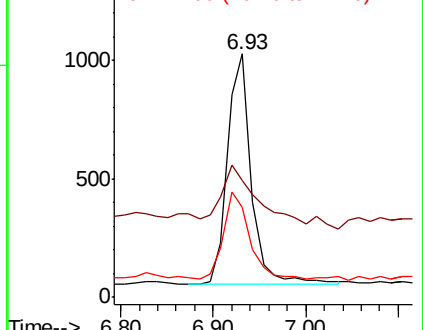
71 40.2 29.1 43.7



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: BE100933.D

Acq: 17 Dec 2019 00:25

Tgt Ion: 136 Resp: 19125

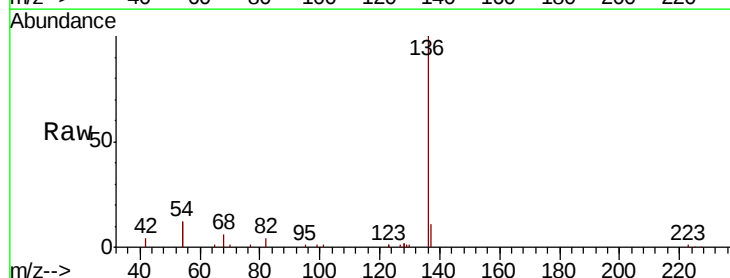
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 24.0 18.9 28.3

68 5.6 4.6 6.8

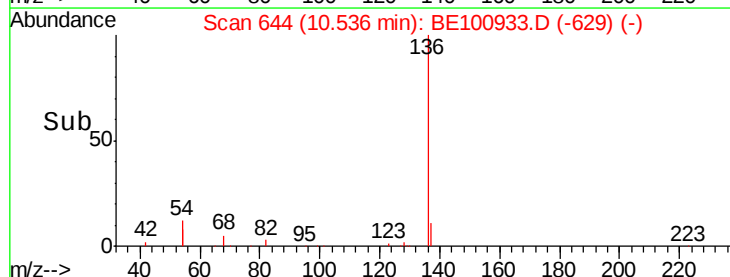
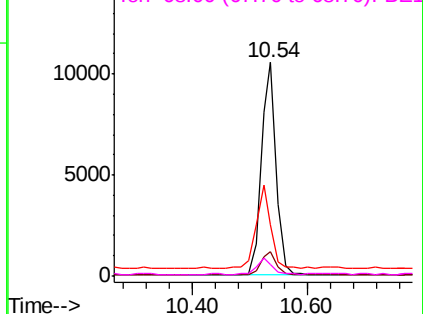


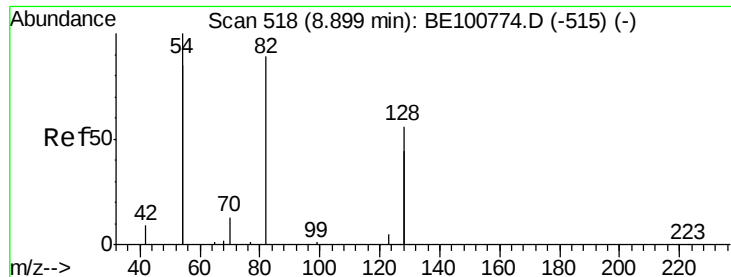
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.540 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100933.D

Acq: 17 Dec 2019 00:25

Instrument :

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ClientSampleId :

RE135D2-20191210

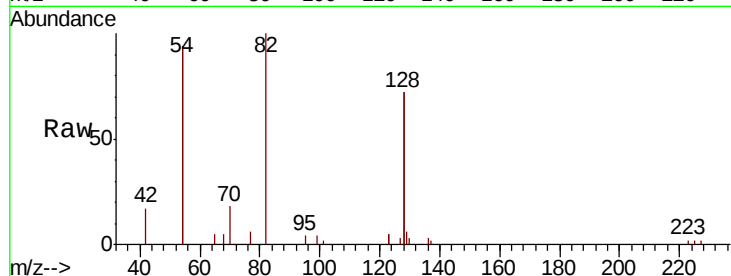
Tot Ion: 82 Resp: 4914

Ion Ratio Lower Upper

82 100

128 145.0 113.5 170.3

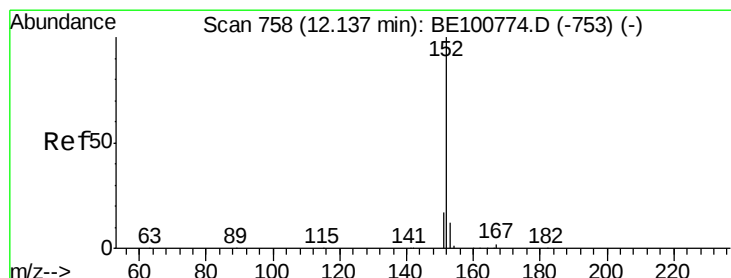
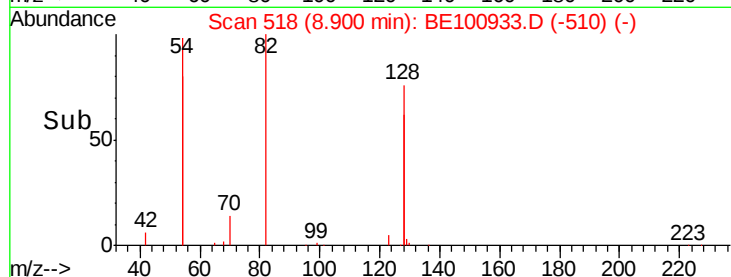
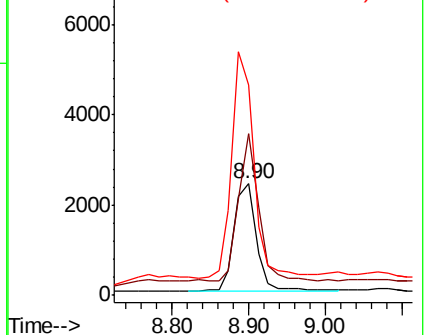
54 188.3 138.9 208.3



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: 0.408 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100933.D

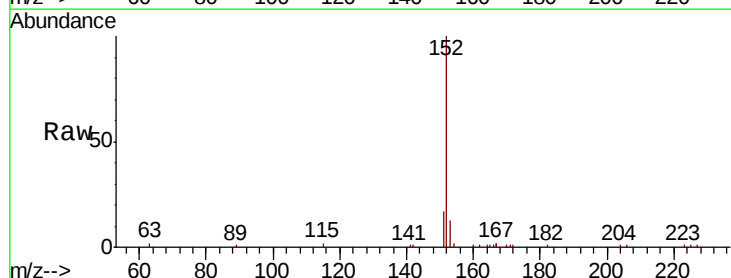
Acq: 17 Dec 2019 00:25

Tgt Ion: 152 Resp: 11305

Ion Ratio Lower Upper

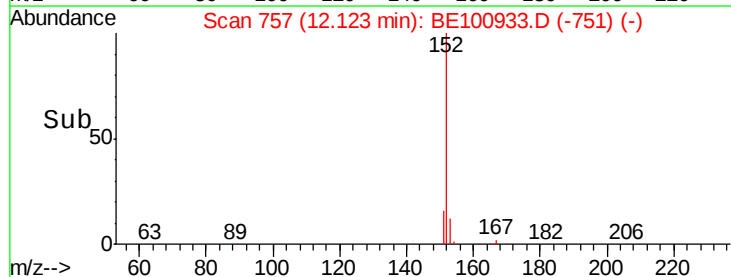
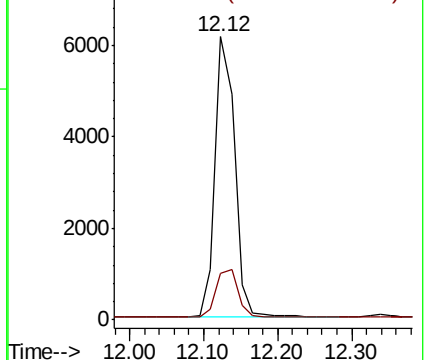
152 100

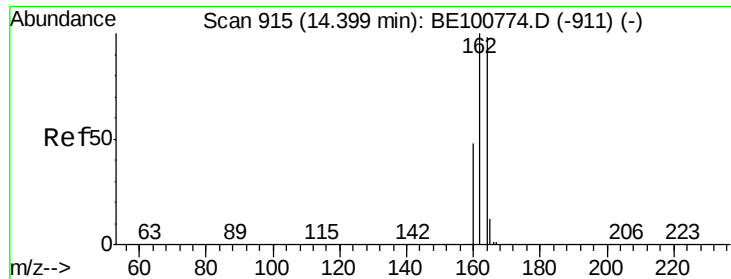
151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

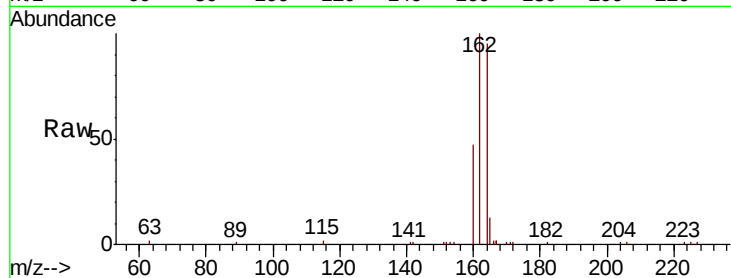




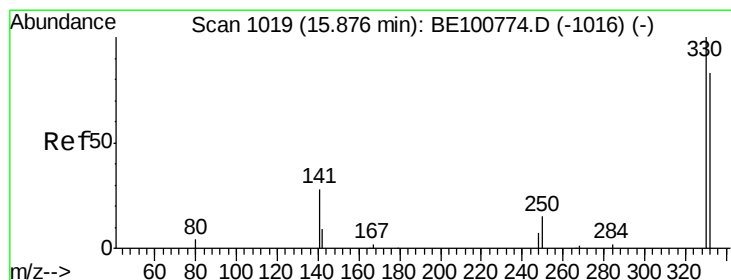
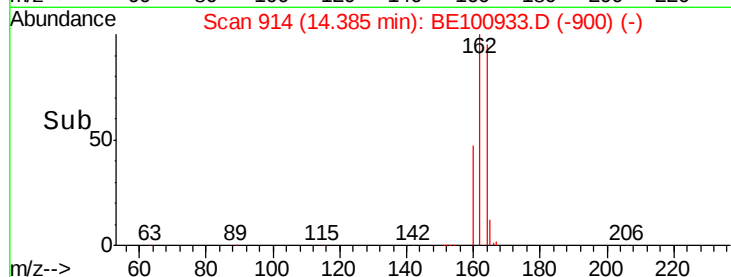
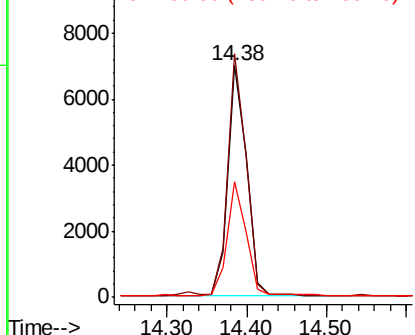
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100933.D
Acq: 17 Dec 2019 00:25

Instrument :
BNA_E
ClientSampleId :
RE135D2-20191210

Tot Ion:164 Resp: 11273
Ion Ratio Lower Upper
164 100
162 105.1 86.0 129.0
160 49.7 42.3 63.5

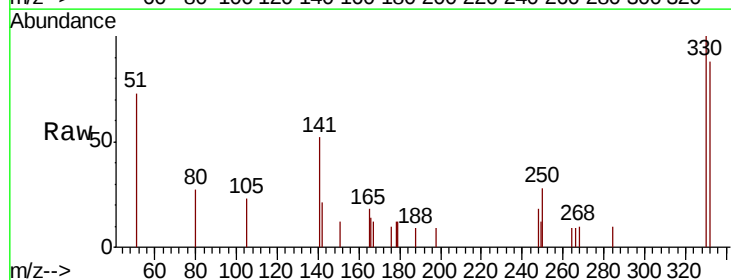


Abundance Ion 164.00 (163.70 to 164.70): E
10000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

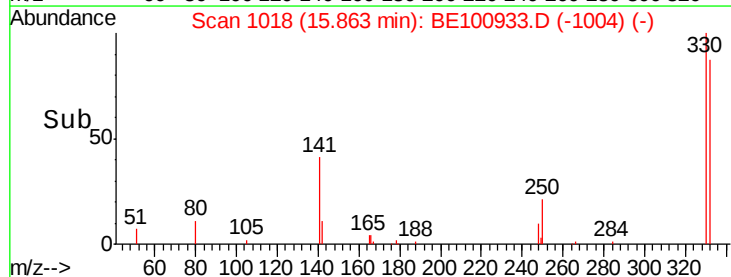
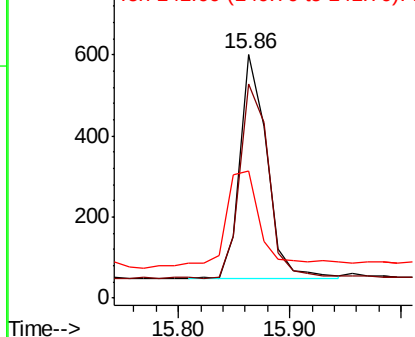


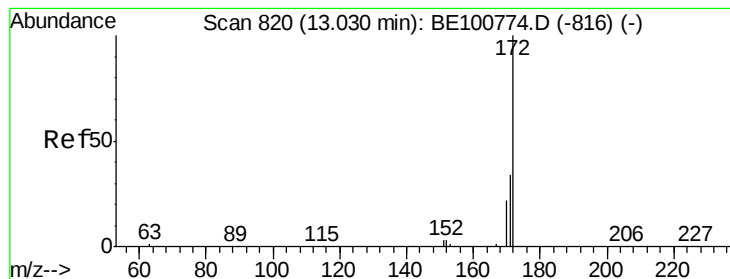
#14
2,4,6-Tribromophenol
Concen: 0.745 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100933.D
Acq: 17 Dec 2019 00:25

Tgt Ion:330 Resp: 934
Ion Ratio Lower Upper
330 100
332 96.9 74.1 111.1
141 56.5 46.7 70.1



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

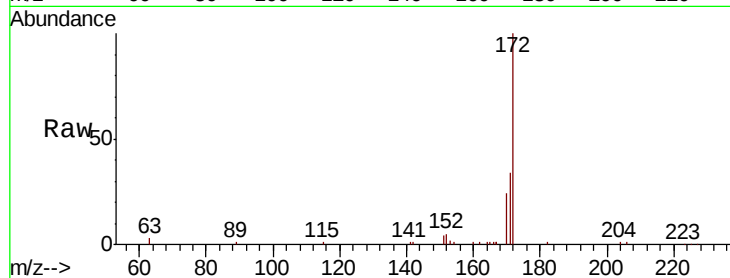




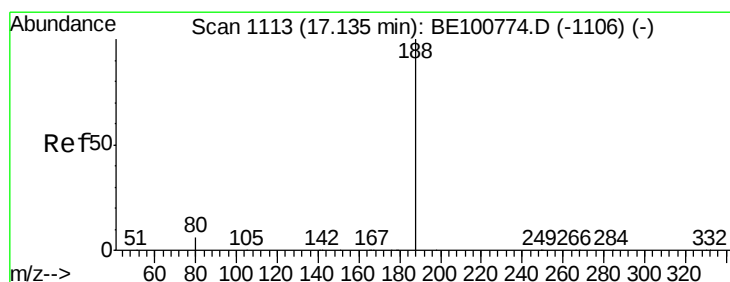
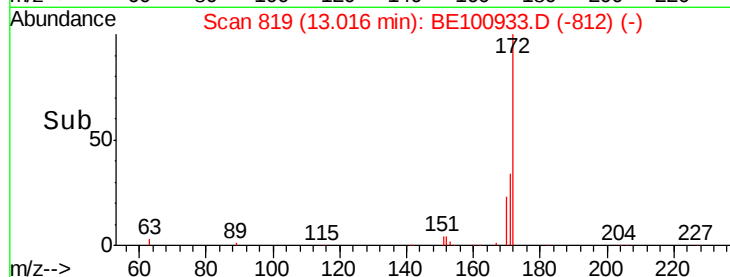
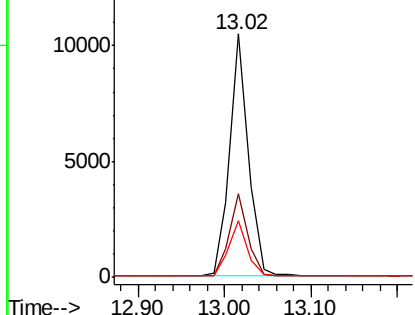
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100933.D
Acq: 17 Dec 2019 00:25

Instrument :
BNA_E
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RE135D2-20191210

Tot Ion:172 Resp: 15690
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 23.5 19.4 29.0

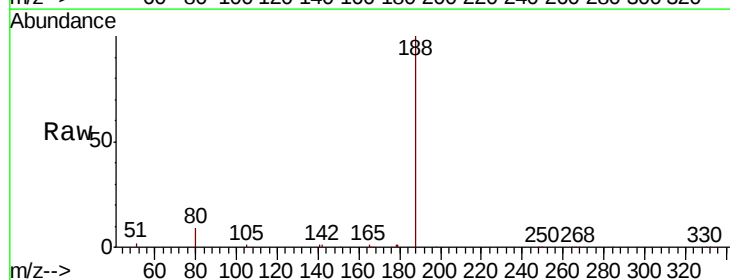


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

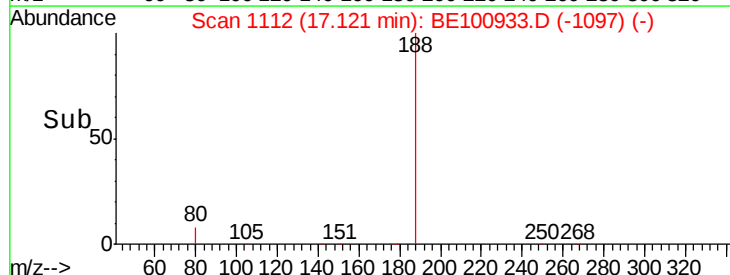
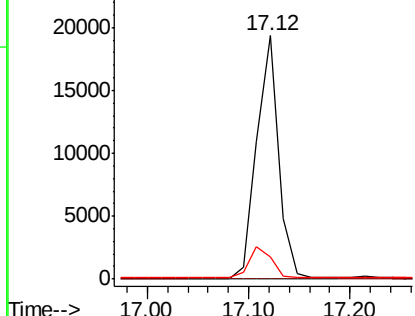


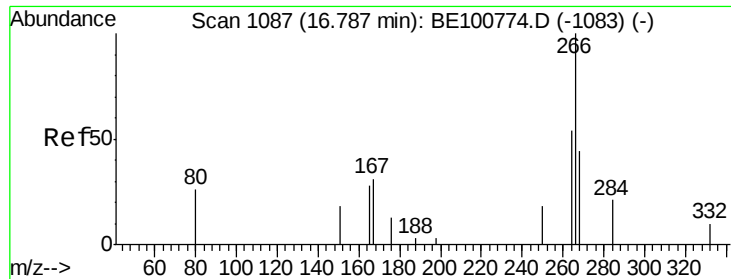
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100933.D
Acq: 17 Dec 2019 00:25

Tgt Ion:188 Resp: 29237
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.9 11.9



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

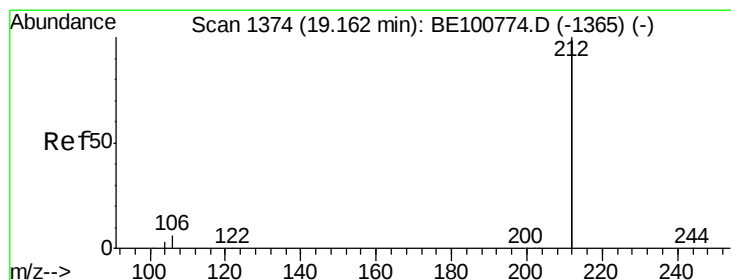
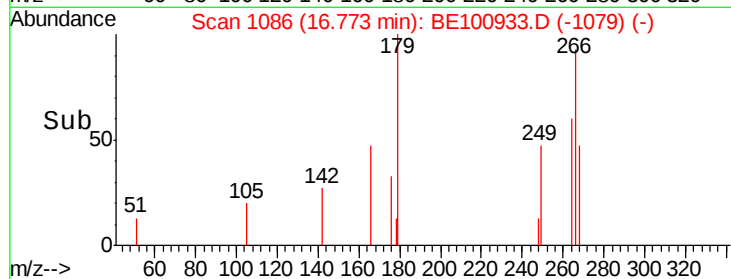
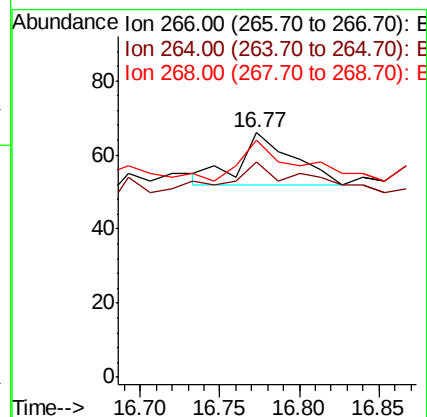
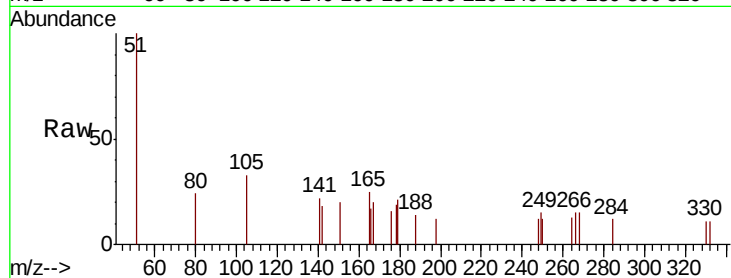




#22
 Pentachlorophenol
 Concen: 0.031 ng
 RT: 16.77 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

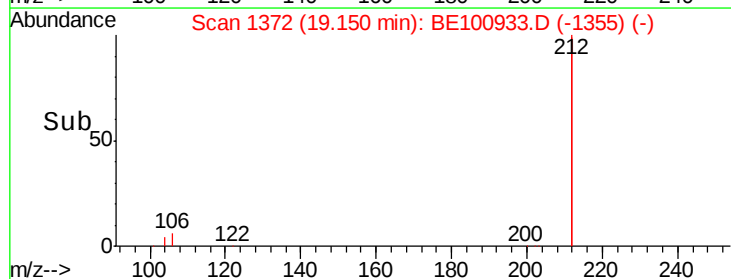
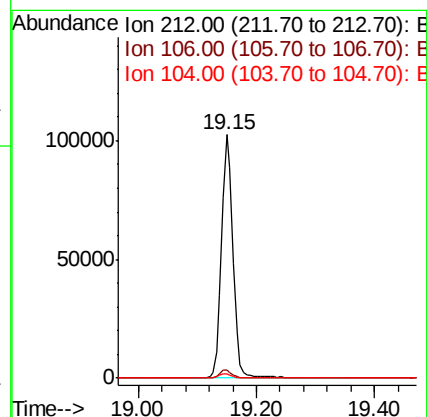
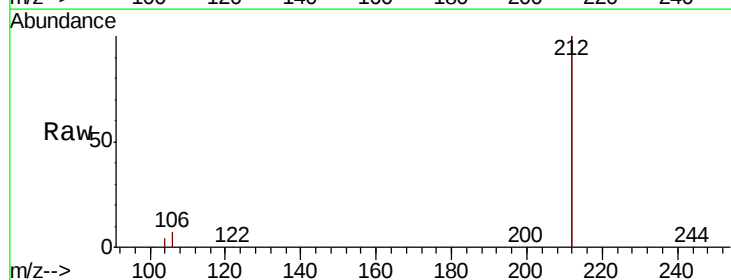
Instrument :
 BNA_E
 ClientSampleId :
 RE135D2-20191210

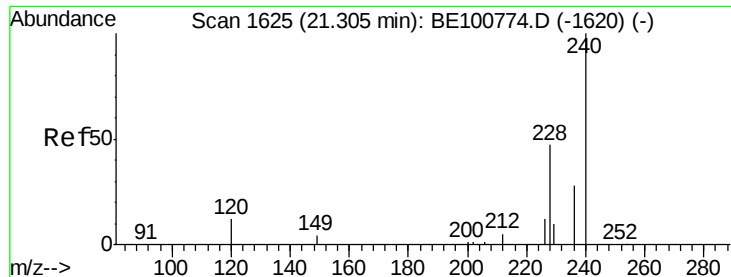
Tot Ion:266 Resp: 33
 Ion Ratio Lower Upper
 266 100
 264 87.9 55.1 82.7#
 268 97.0 50.7 76.1#



#25
 Fluoranthene-d10
 Concen: 0.395 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Tgt Ion:212 Resp: 136484
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2

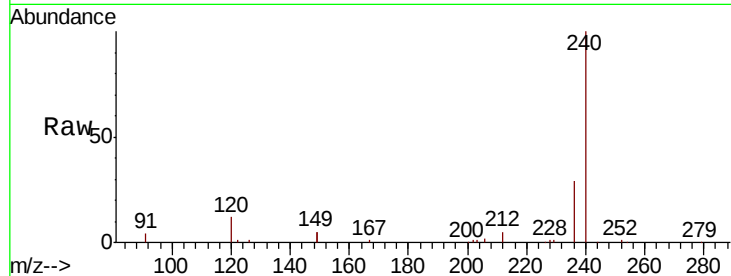




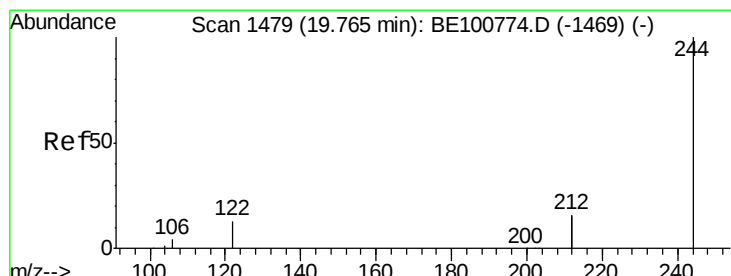
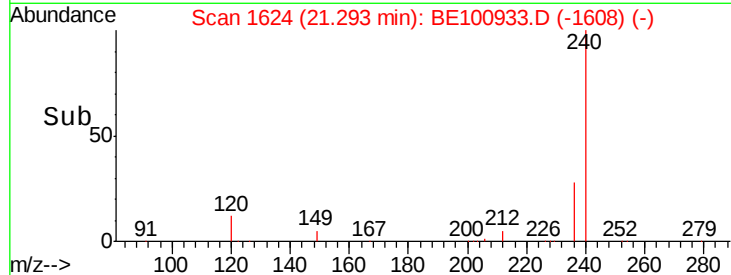
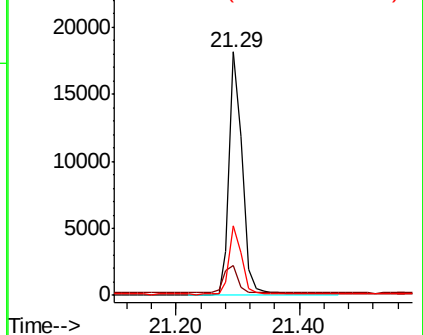
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Instrument :
 BNA_E
 ClientSampleId :
 RE135D2-20191210

Tot Ion:240 Resp: 26642
 Ion Ratio Lower Upper
 240 100
 120 12.5 4.0 6.0#
 236 28.6 21.6 32.4

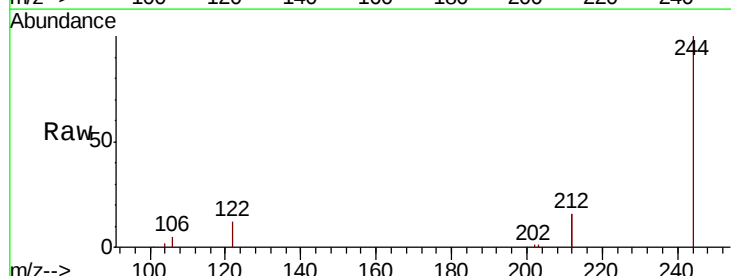


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

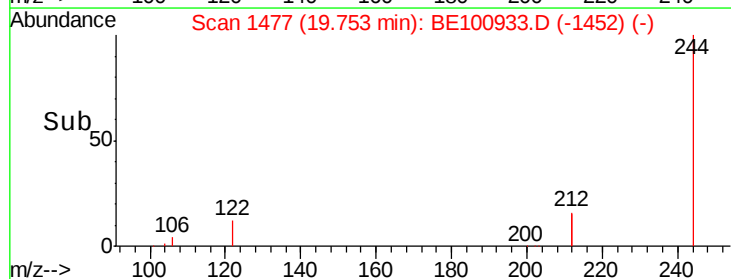
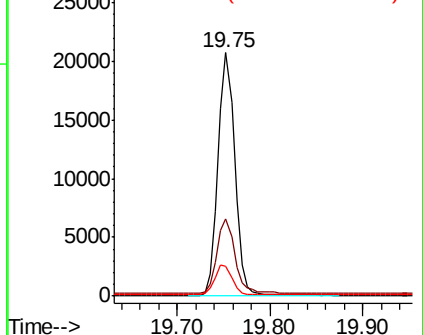


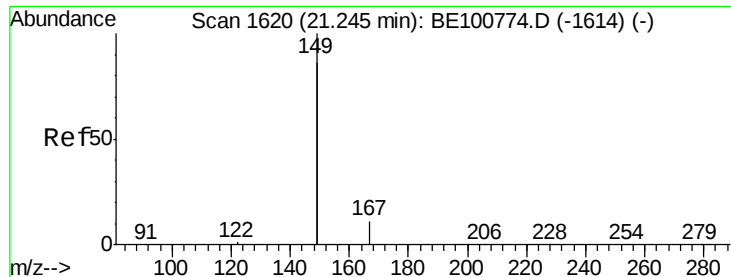
#29
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.75 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Tgt Ion:244 Resp: 25909
 Ion Ratio Lower Upper
 244 100
 212 31.7 25.2 37.8
 122 12.2 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

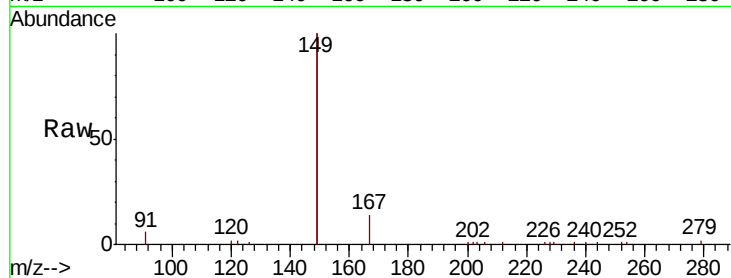




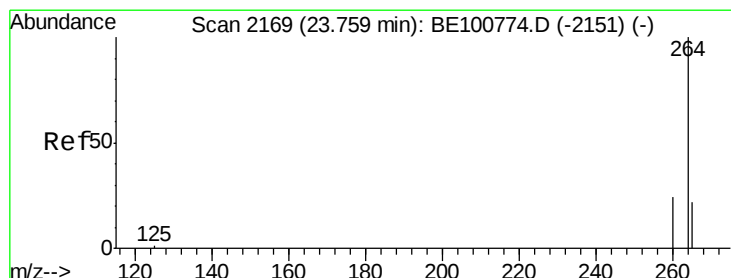
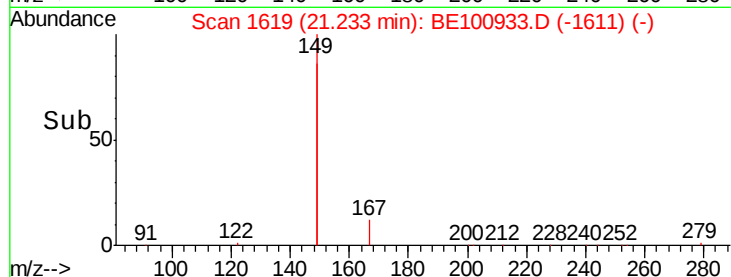
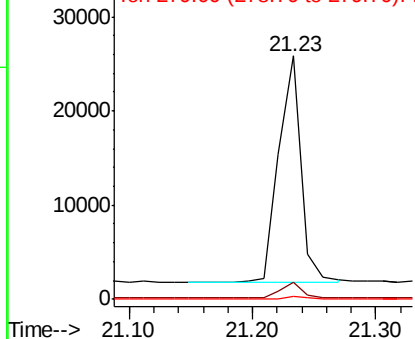
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.552 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Instrument :
 BNA_E
 ClientSampleId :
 RE135D2-20191210

Tot Ion:149 Resp: 30549
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.0 7.4
 279 0.9 0.6 1.0

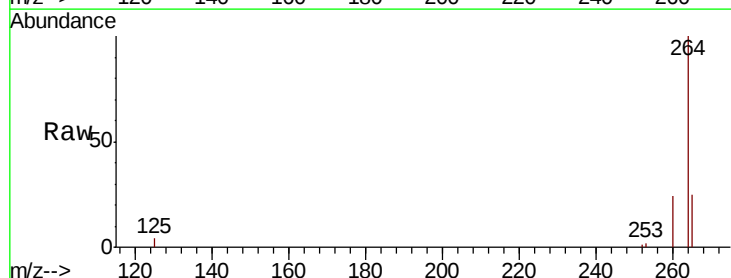


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BE100933.D
 Acq: 17 Dec 2019 00:25

Tgt Ion:264 Resp: 27787
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 24.9 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

