

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100910.D
 Acq On : 14 Dec 2019 6:16
 Operator : JU
 Sample : K6251-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP05-20191207

Quant Time: Dec 16 00:30:14 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

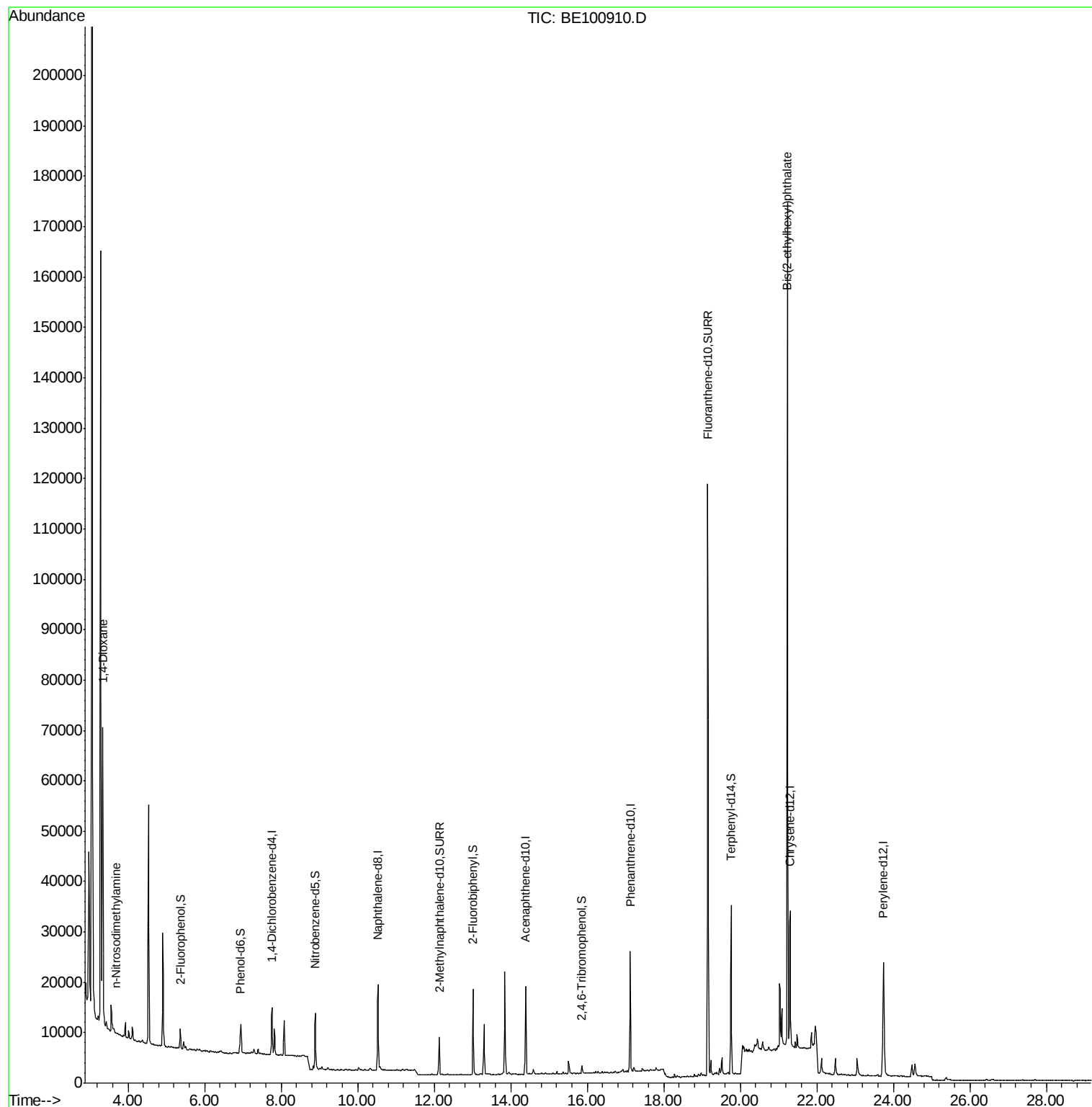
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4331	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19834	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11741	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30919	0.40	ng	0.00
27) Chrysene-d12	21.31	240	29892	0.40	ng	0.00
34) Perylene-d12	23.74	264	34030	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1846	0.18	ng	0.00
5) Phenol-d6	6.93	99	1793	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	4722	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10858	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	952	0.73	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14803	0.32	ng	0.00
25) Fluoranthene-d10	19.15	212	150967	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	28529	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	43322	5.486	ng	Qvalue 90
3) n-Nitrosodimethylamine	3.68	42	176	0.027	ng	# 9
32) Bis(2-ethylhexyl)phthalate	21.23	149	172135	2.003	ng	99

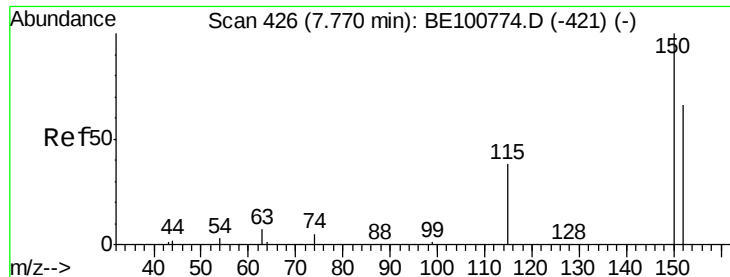
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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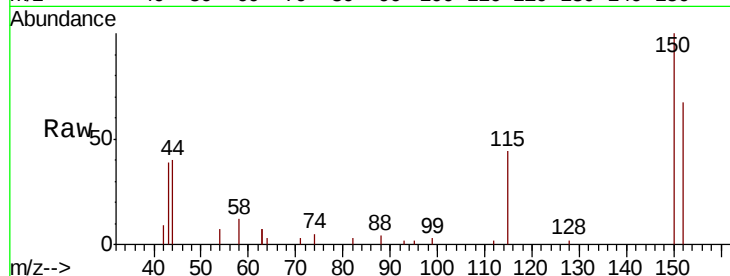


#1

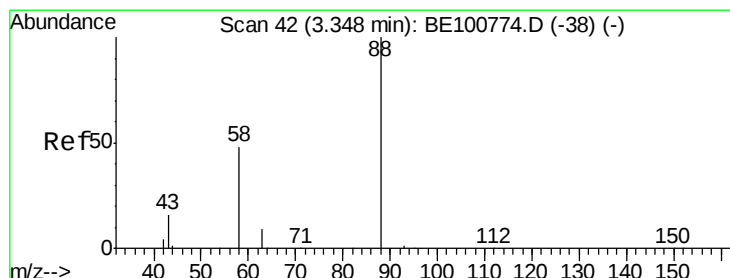
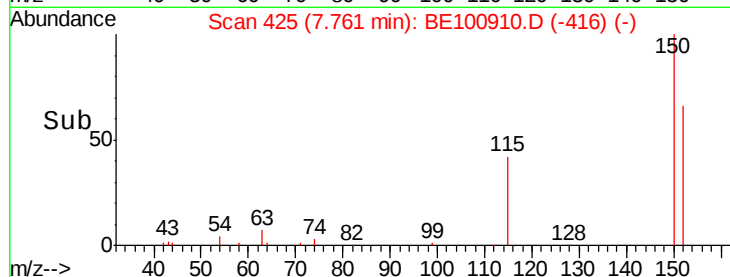
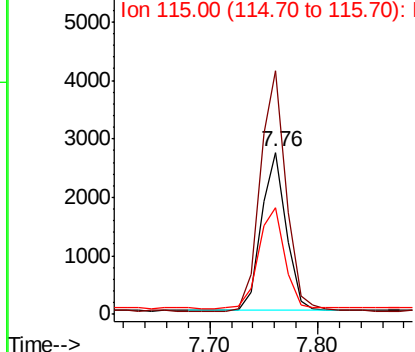
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100910.D
Acq: 14 Dec 2019 6:16

Instrument :
BNA_E
ClientSampleId :
DUP05-20191207

Tot Ion:152 Resp: 4331
Ion Ratio Lower Upper
152 100
150 150.1 125.5 188.3
115 66.1 55.7 83.5



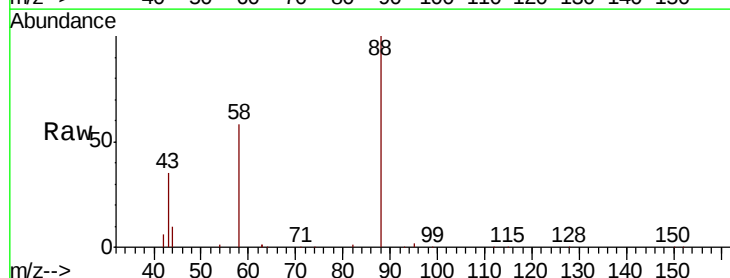
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



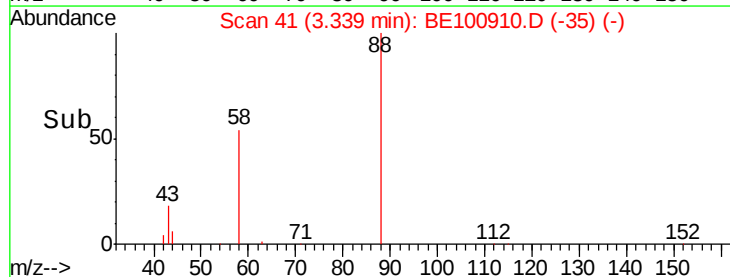
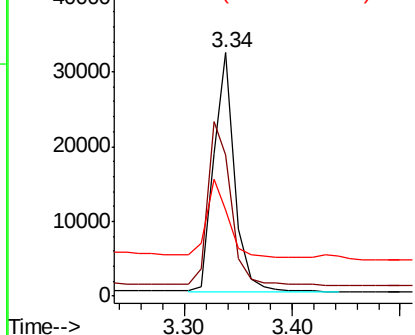
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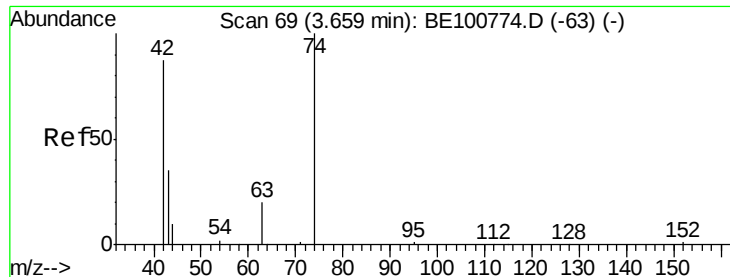
1,4-Dioxane
Concen: 5.486 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100910.D
Acq: 14 Dec 2019 6:16

Tgt Ion: 88 Resp: 43322
Ion Ratio Lower Upper
88 100
58 74.5 52.3 78.5
43 33.3 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





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.04 min

Lab File: BE100910.D

Acq: 14 Dec 2019 6:16

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207

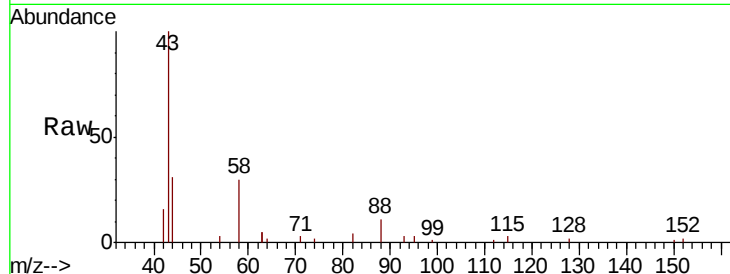
Tot Ion: 42 Resp: 176

Ion Ratio Lower Upper

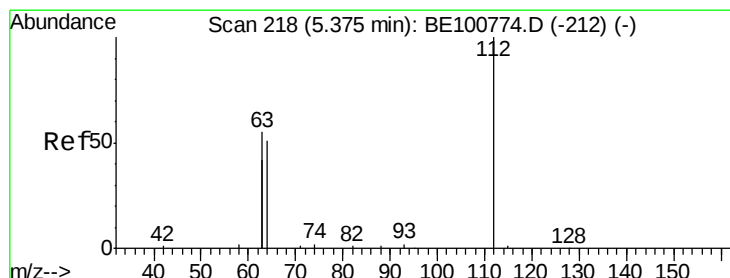
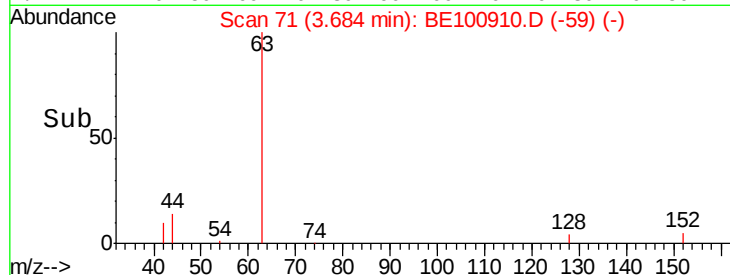
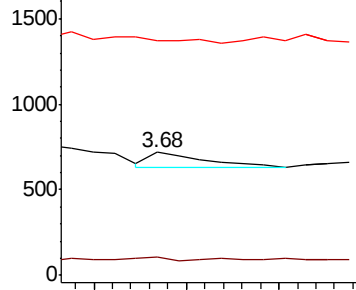
42 100

74 9.1 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: 0.180 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100910.D

Acq: 14 Dec 2019 6:16

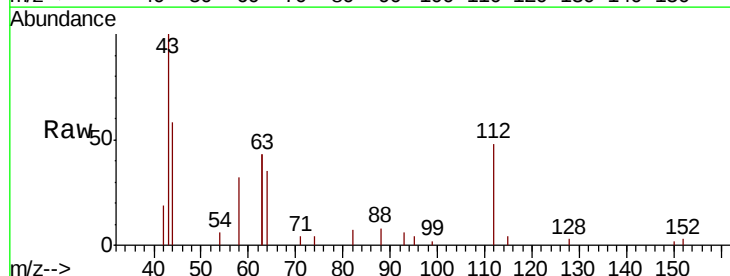
Tgt Ion: 112 Resp: 1846

Ion Ratio Lower Upper

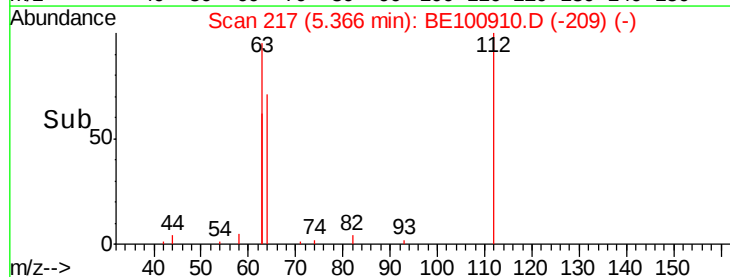
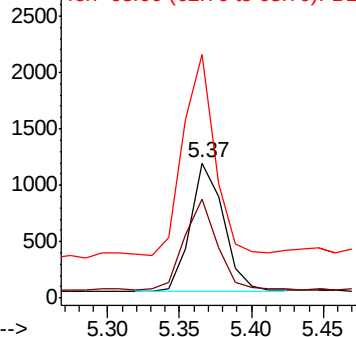
112 100

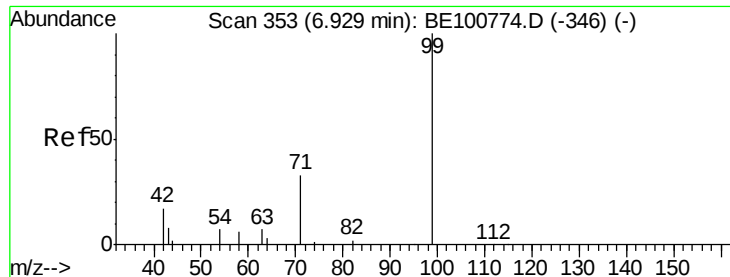
64 70.6 54.5 81.7

63 141.5 116.1 174.1



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: 0.116 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100910.D

Acq: 14 Dec 2019 6:16

Instrument :

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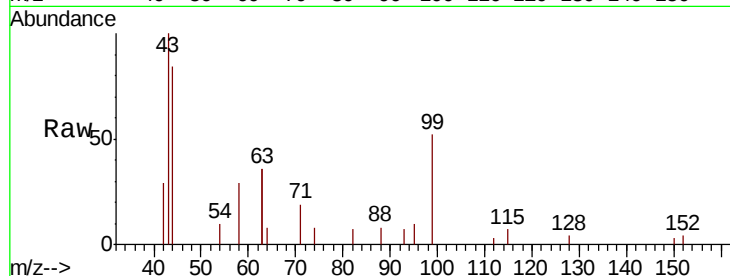
Tot Ion: 99 Resp: 1793

Ion Ratio Lower Upper

99 100

42 41.9 18.2 27.2#

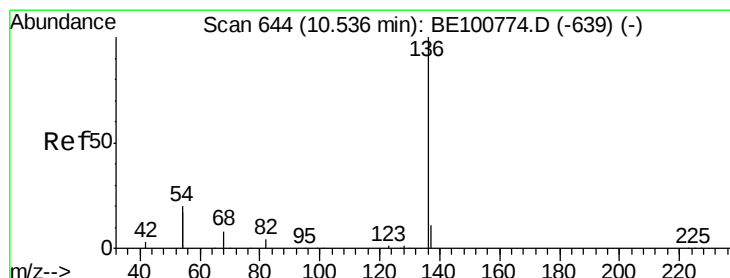
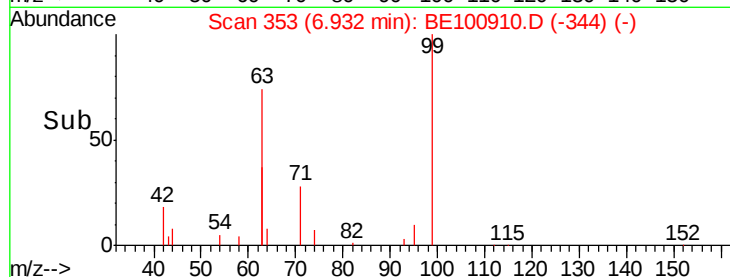
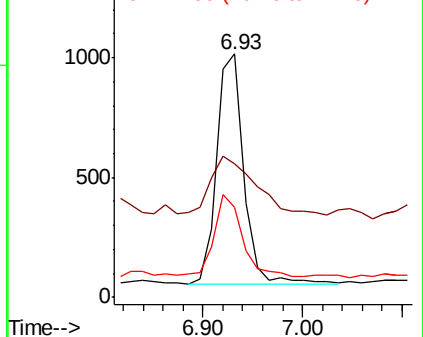
71 37.6 29.1 43.7



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: BE100910.D

Acq: 14 Dec 2019 6:16

Tgt Ion: 136 Resp: 19834

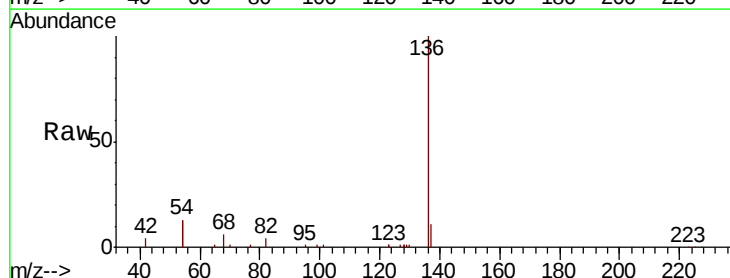
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 26.1 18.9 28.3

68 5.6 4.6 6.8

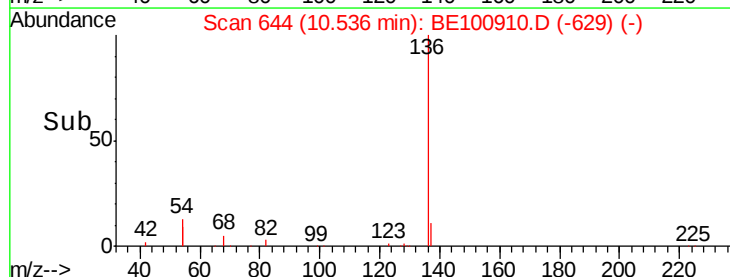
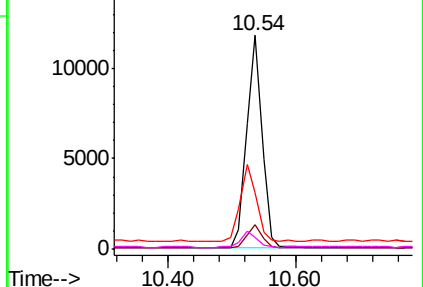


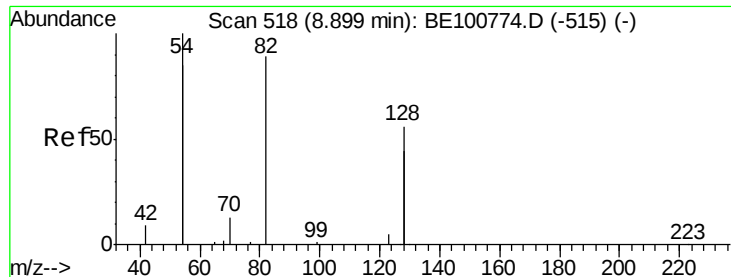
Abundance Ion 136.00 (135.70 to 136.70): E

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

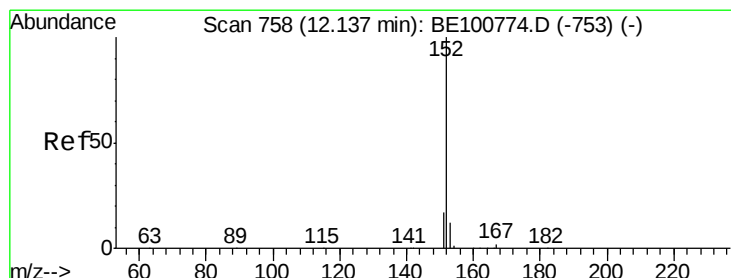
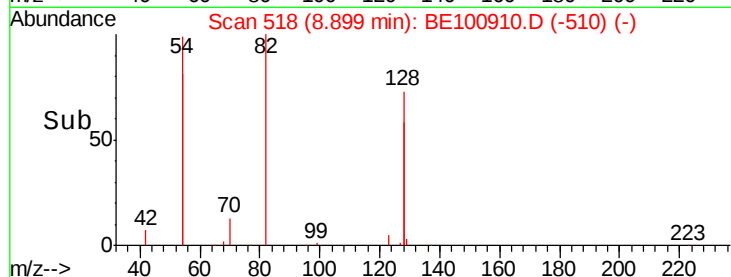
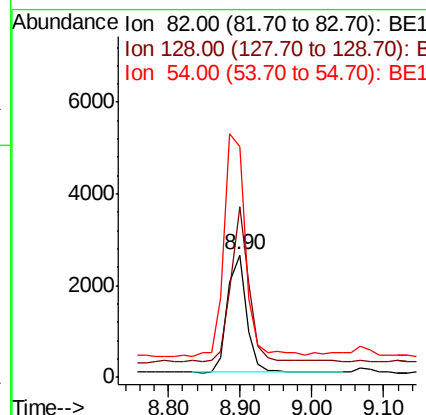
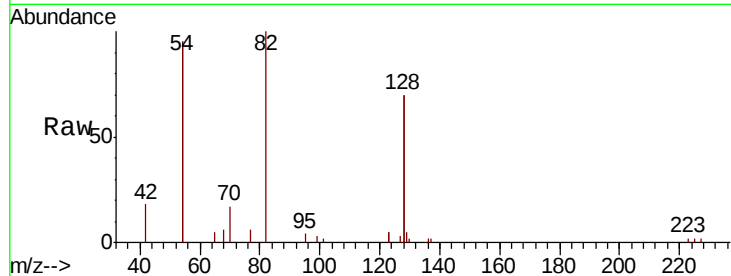




#8
 Nitrobenzene-d5
 Concen: 0.500 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BE100910.D
 Acq: 14 Dec 2019 6:16

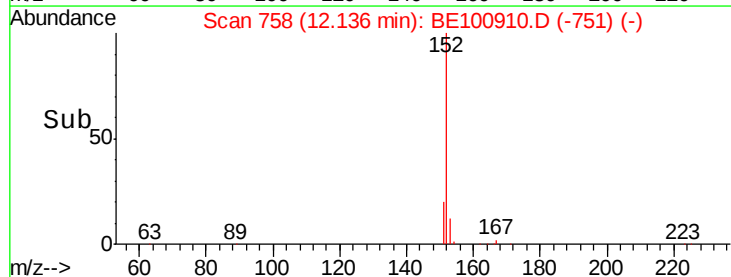
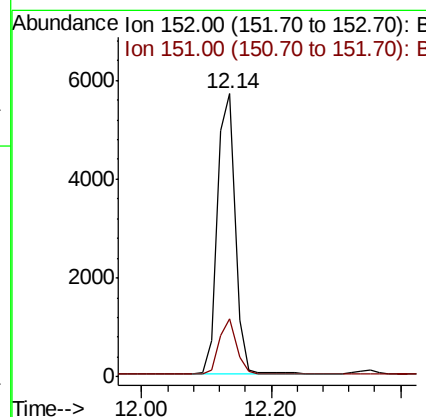
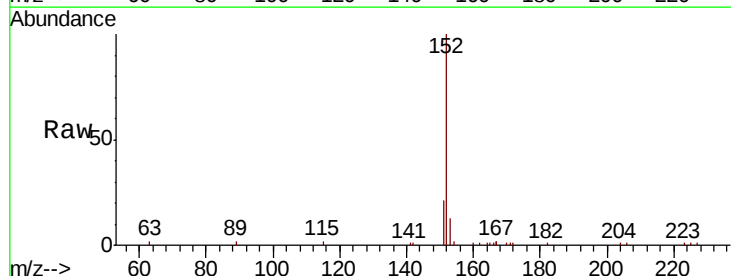
Instrument :
 BNA_E
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 DUP05-20191207

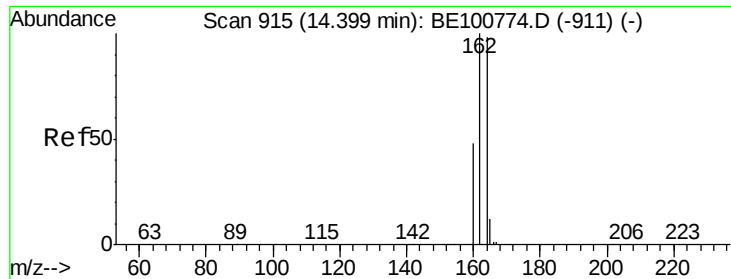
Tot Ion	Ratio	Lower	Upper
82	100		
128	139.4	113.5	170.3
54	189.4	138.9	208.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.378 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100910.D
 Acq: 14 Dec 2019 6:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.1	22.7

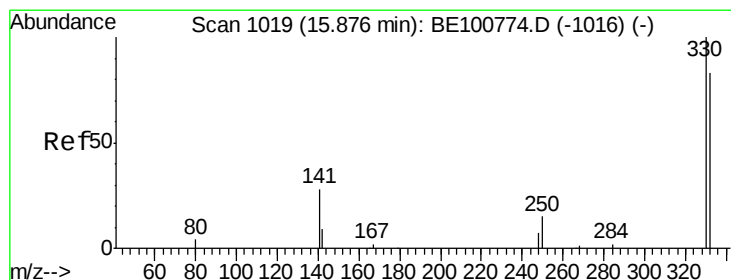
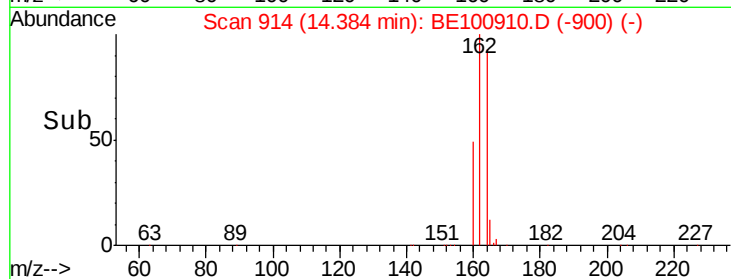
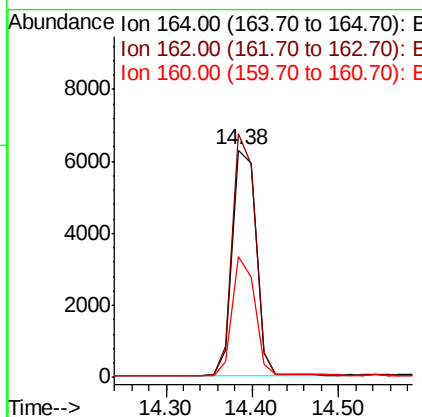
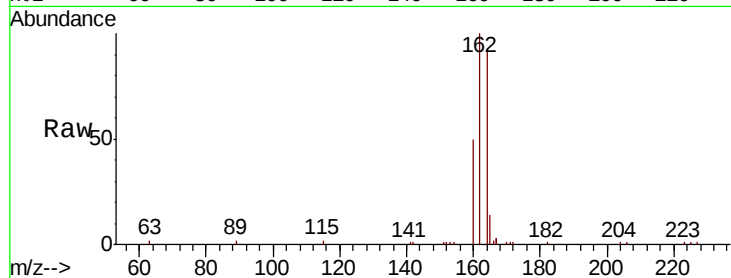




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100910.D
 Acq: 14 Dec 2019 6:16

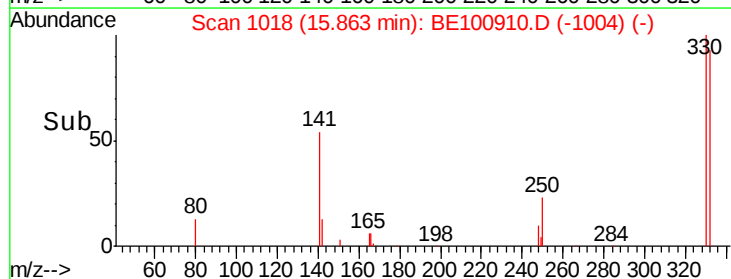
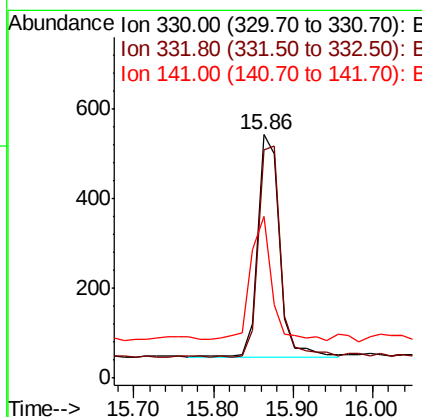
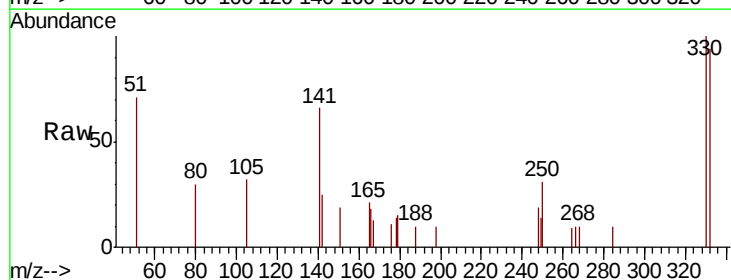
Instrument :
 BNA_E
 ClientSampleId :
 DUP05-20191207

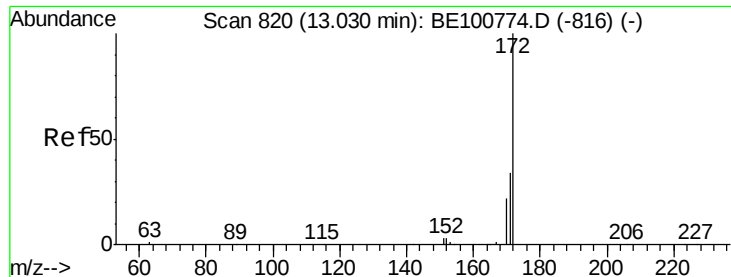
Tot Ion:164 Resp: 11741
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.0 129.0
 160 53.3 42.3 63.5



#14
 2,4,6-Tribromophenol
 Concen: 0.729 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100910.D
 Acq: 14 Dec 2019 6:16

Tgt Ion:330 Resp: 952
 Ion Ratio Lower Upper
 330 100
 332 99.3 74.1 111.1
 141 53.5 46.7 70.1

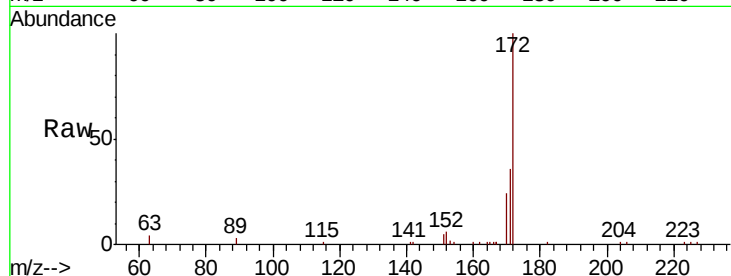




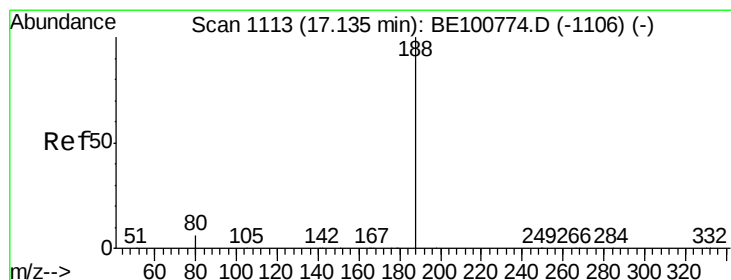
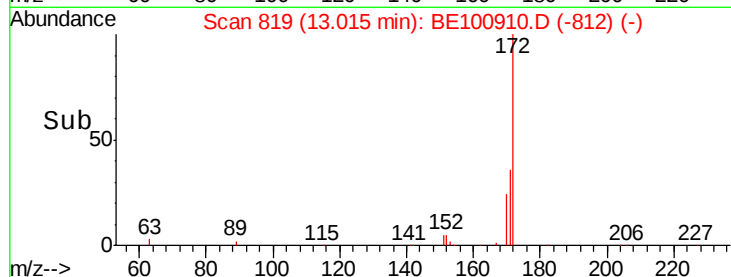
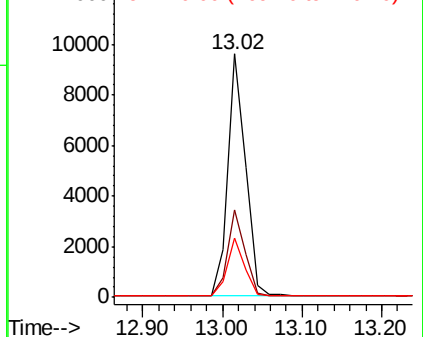
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100910.D
Acq: 14 Dec 2019 6:16

Instrument :
BNA_E
ClientSampleId :
DUP05-20191207

Tot Ion:172 Resp: 14803
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 24.4 19.4 29.0

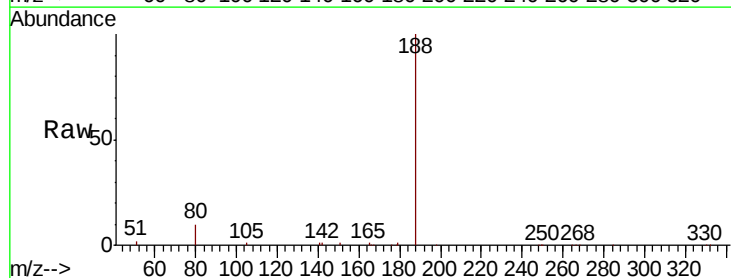


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

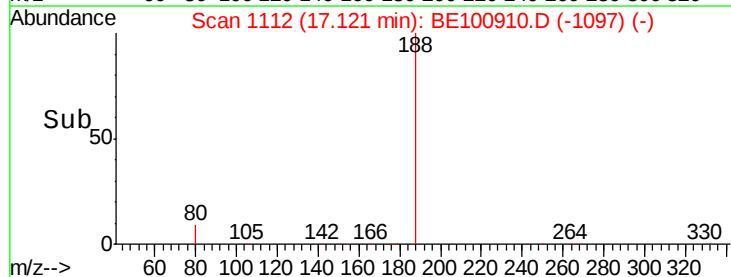
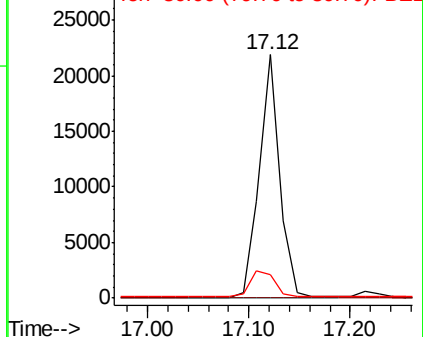


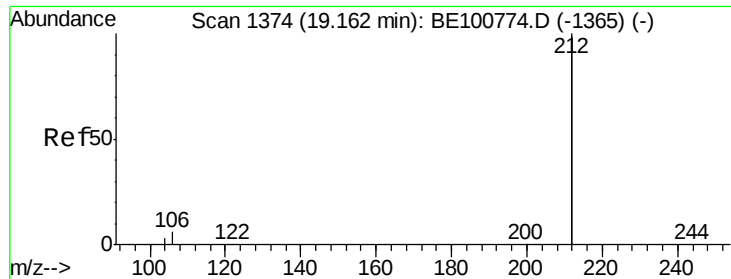
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100910.D
Acq: 14 Dec 2019 6:16

Tgt Ion:188 Resp: 30919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 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

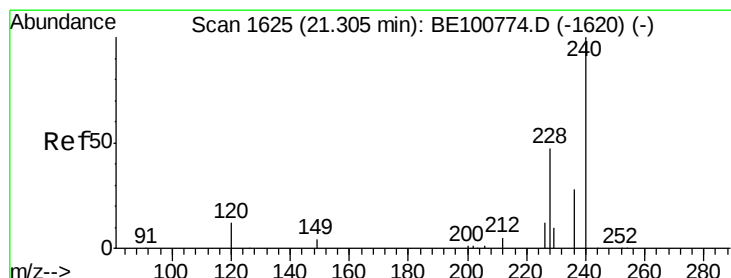
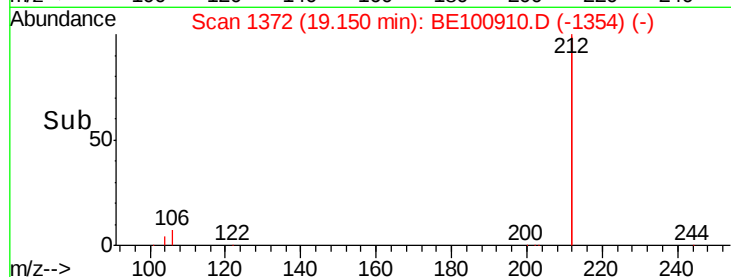
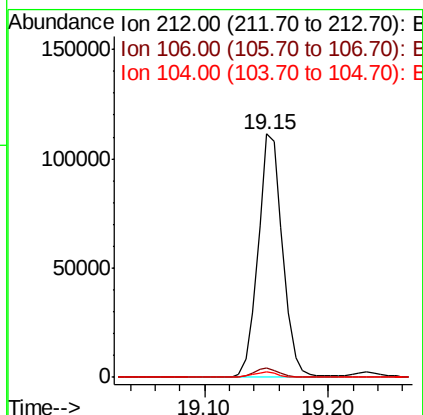
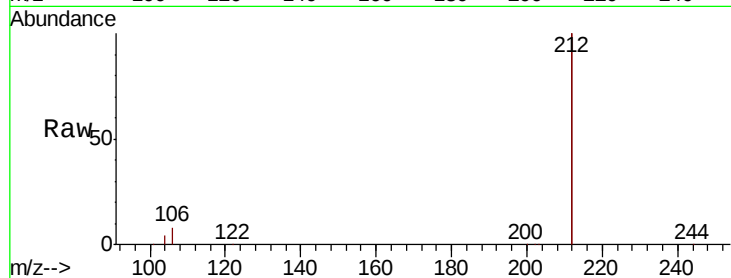




#25
 Fluoranthene-d10
 Concen: 0.413 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BE100910.D
 Acq: 14 Dec 2019 6:16

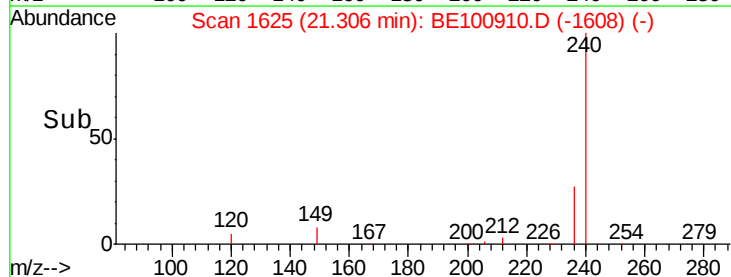
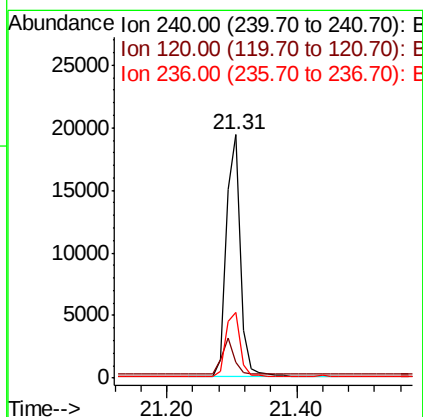
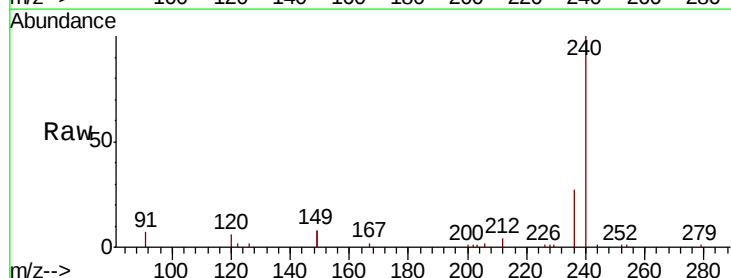
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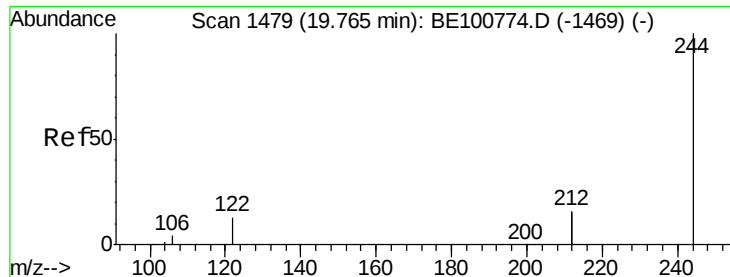
Tot Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.8	1.4	2.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100910.D
 Acq: 14 Dec 2019 6:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.0	6.0#
236	27.1	21.6	32.4





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100910.D

Acq: 14 Dec 2019 6:16

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207

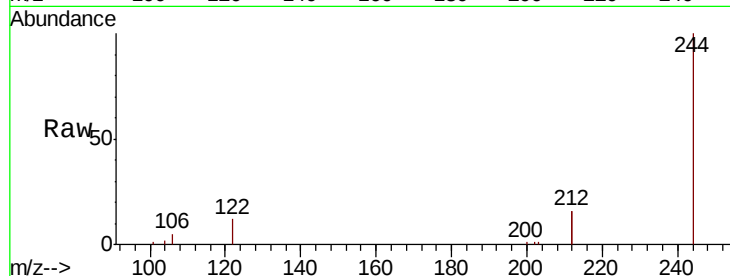
Tot Ion:244 Resp: 28529

Ion Ratio Lower Upper

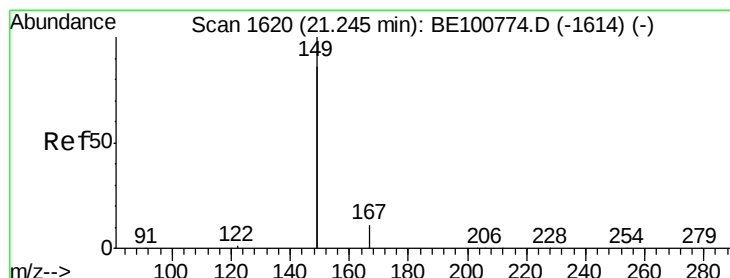
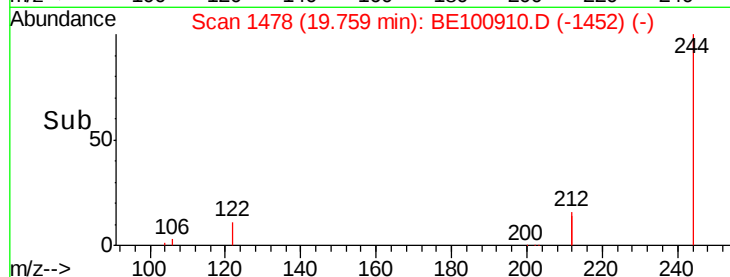
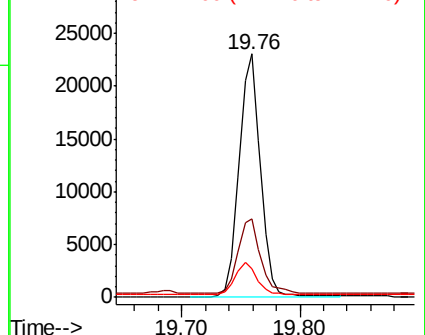
244 100

212 32.1 25.2 37.8

122 11.9 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: 2.003 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100910.D

Acq: 14 Dec 2019 6:16

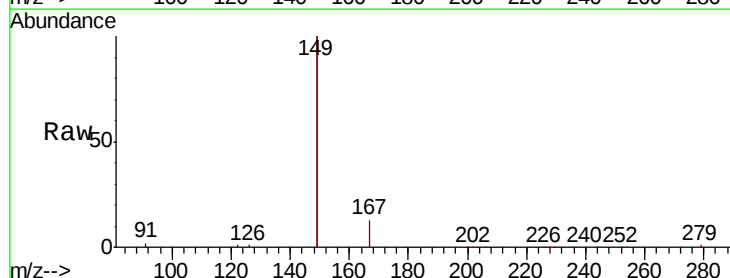
Tgt Ion:149 Resp: 172135

Ion Ratio Lower Upper

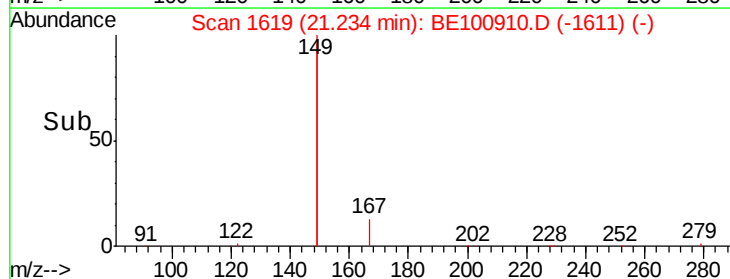
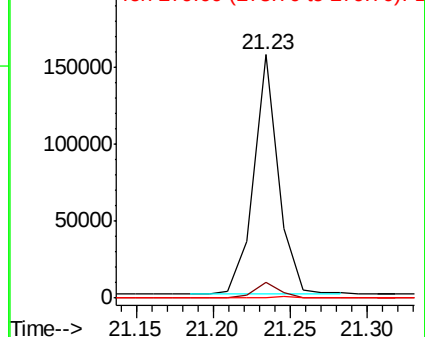
149 100

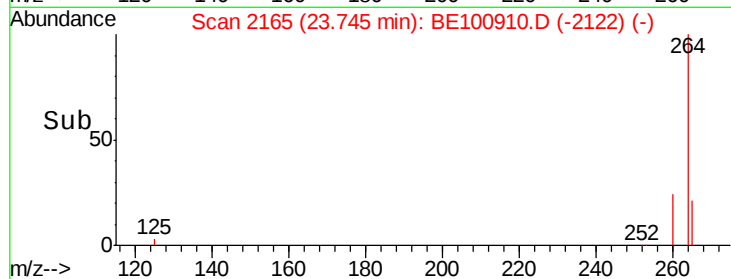
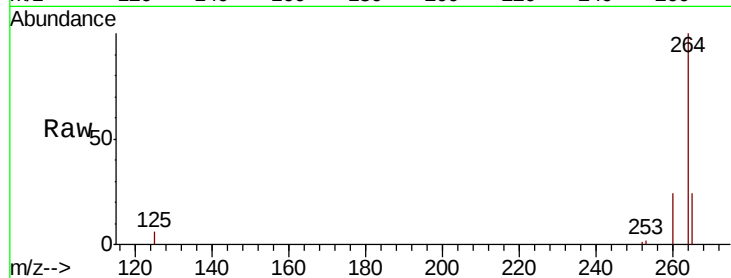
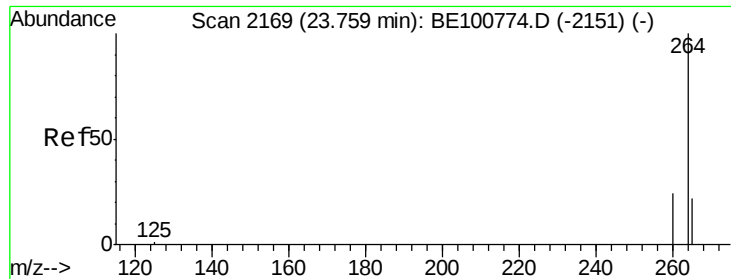
167 6.7 5.0 7.4

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

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE100910.D

Acq: 14 Dec 2019 6:16

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207

Tot Ion: 264 Resp: 34030

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 23.8 20.1 30.1

