

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100849.D
 Acq On : 11 Dec 2019 16:52
 Operator : JU
 Sample : K6185-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20191205

Quant Time: Dec 12 04:58:30 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

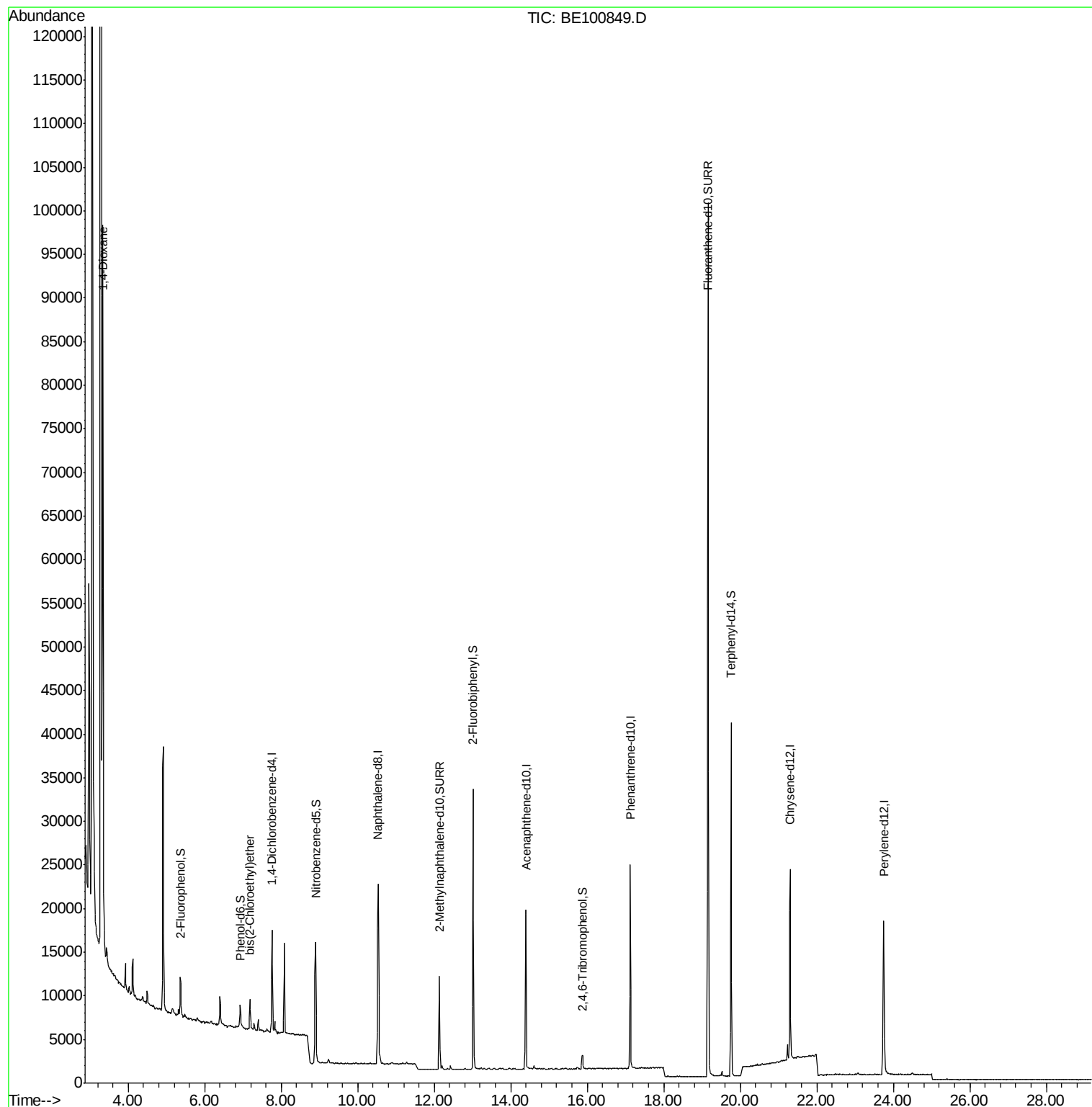
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5057	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23815	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13052	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29969	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	23654	0.40	ng	0.00
34) Perylene-d12	23.75	264	27715	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2349	0.20	ng	0.00
5) Phenol-d6	6.93	99	2338	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	5909	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14513	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1037	0.71	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	28913	0.56	ng	-0.01
25) Fluoranthene-d10	19.16	212	132879	0.38	ng	0.00
29) Terphenyl-d14	19.76	244	32361	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	44851	4.865	ng	Qvalue # 87
6) bis(2-Chloroethyl)ether	7.18	93	1321	0.075	ng	94

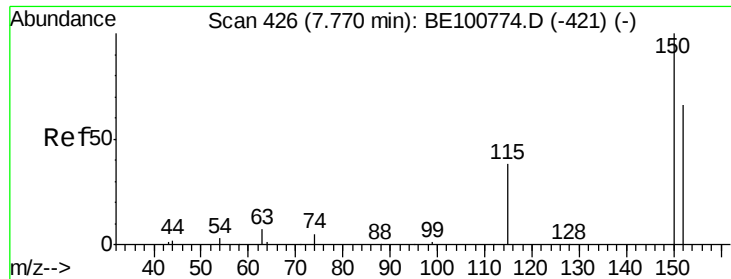
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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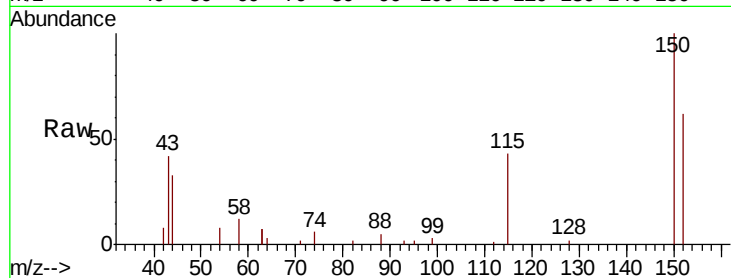


#1

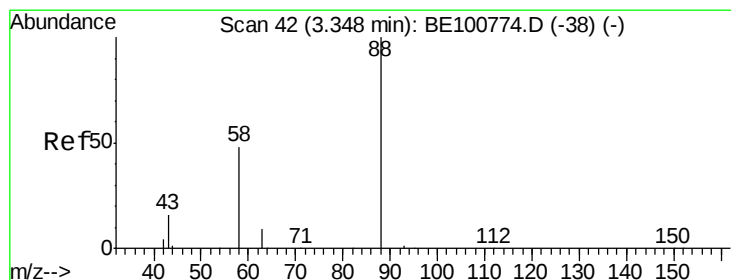
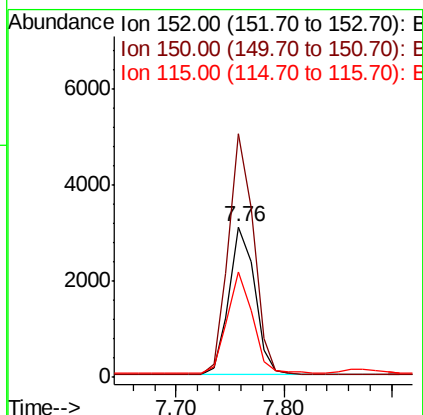
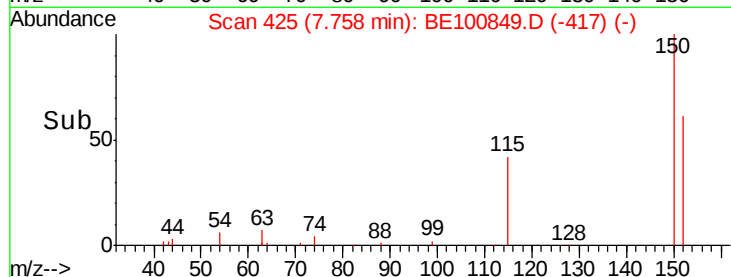
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100849.D
Acq: 11 Dec 2019 16:52

Instrument :
BNA_E
ClientSampleId :
TT101D1-20191205

Tot Ion:152 Resp: 5057
Ion Ratio Lower Upper
152 100
150 161.9 120.6 181.0
115 70.0 47.4 71.2



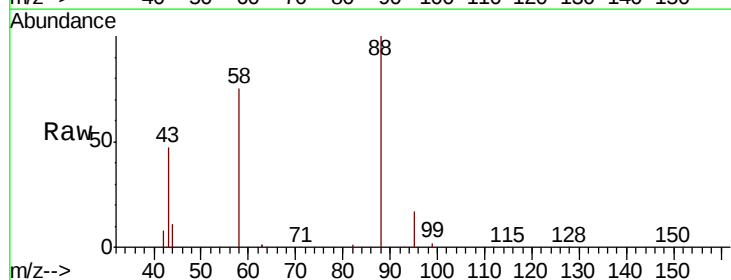
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



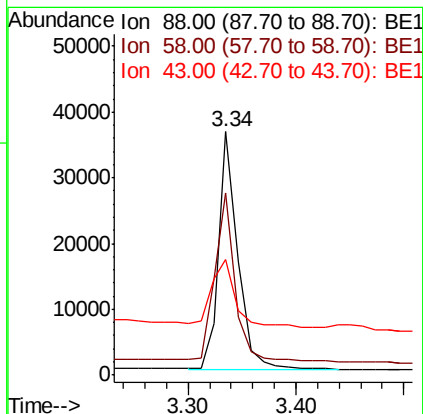
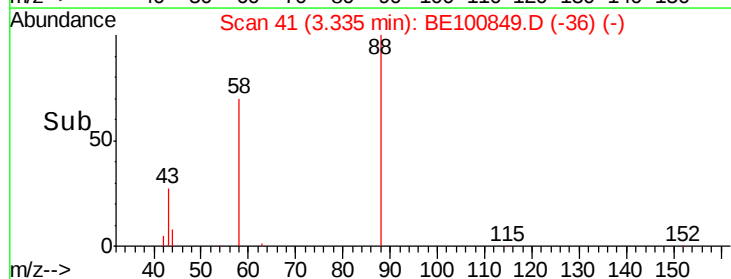
#2

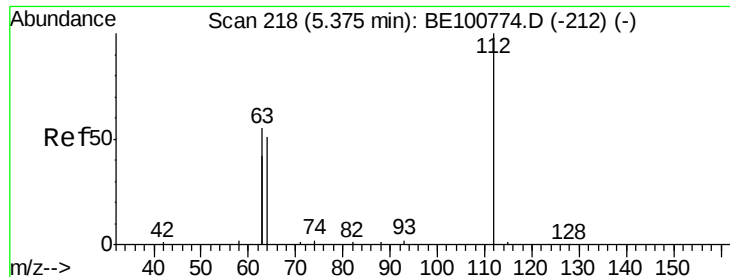
1,4-Dioxane
Concen: 4.865 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100849.D
Acq: 11 Dec 2019 16:52

Tgt Ion: 88 Resp: 44851
Ion Ratio Lower Upper
88 100
58 75.2 52.5 78.7
43 36.1 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: 0.196 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_E

ClientSampleId :

TT101D1-20191205

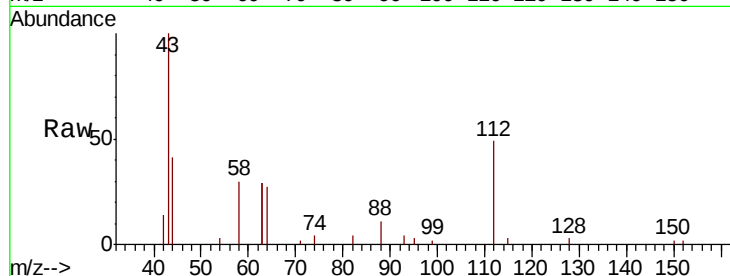
Tot Ion:112 Resp: 2349

Ion Ratio Lower Upper

112 100

64 70.2 54.1 81.1

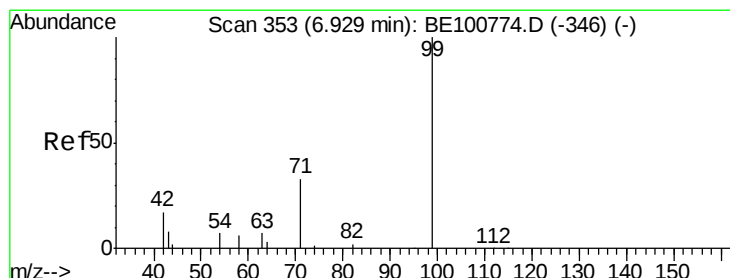
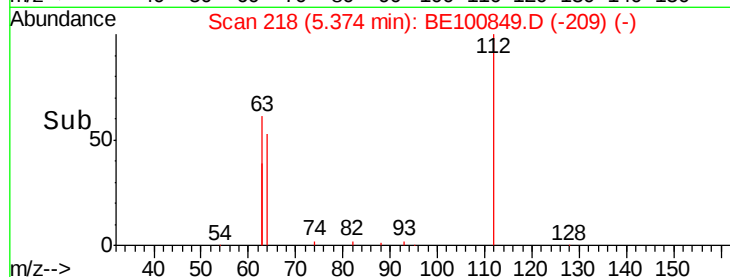
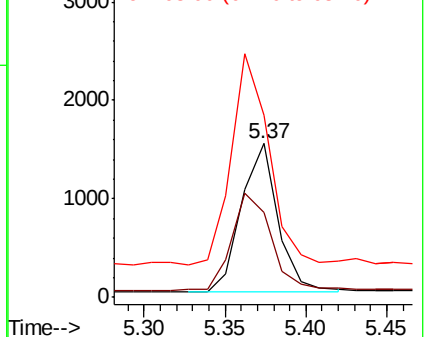
63 145.7 113.2 169.8



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



#5

Phenol-d6

Concen: 0.129 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

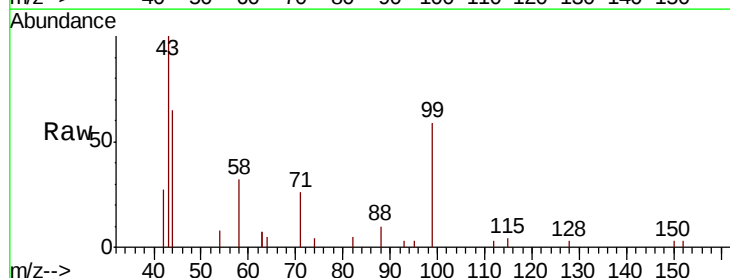
Tgt Ion: 99 Resp: 2338

Ion Ratio Lower Upper

99 100

42 26.0 19.1 28.7

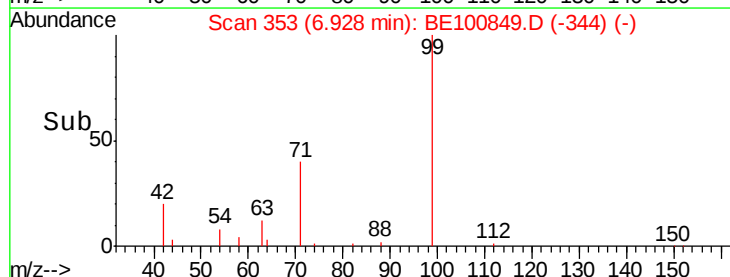
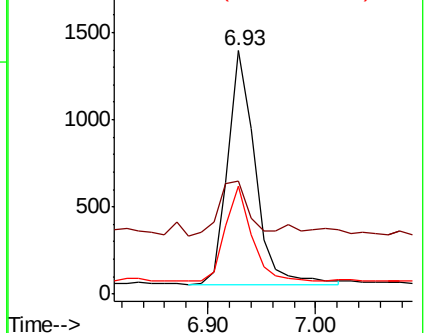
71 40.2 27.7 41.5

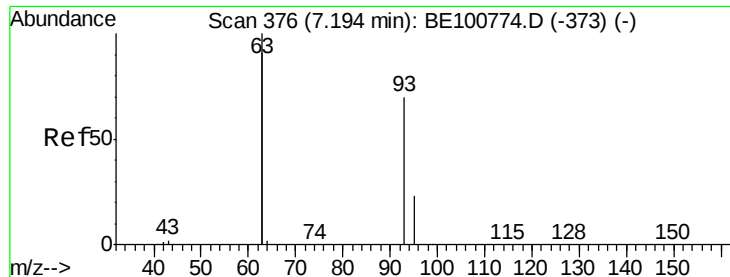


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.075 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_E

ClientSampleId :

TT101D1-20191205

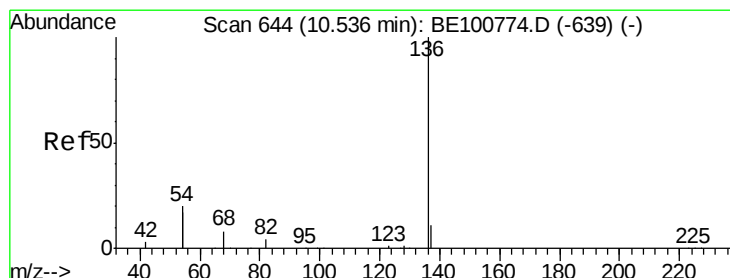
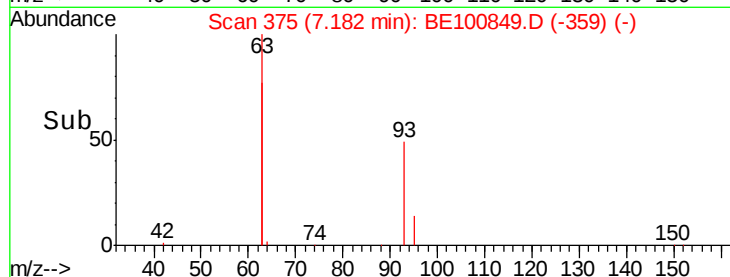
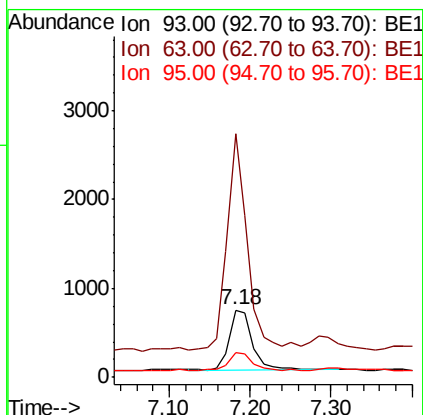
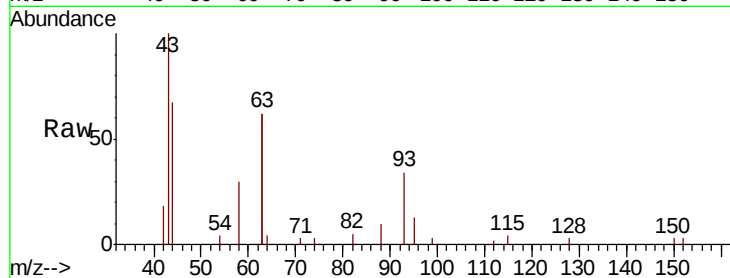
Tot Ion: 93 Resp: 1321

Ion Ratio Lower Upper

93 100

63 311.4 259.4 389.0

95 33.2 26.2 39.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Tgt Ion: 136 Resp: 23815

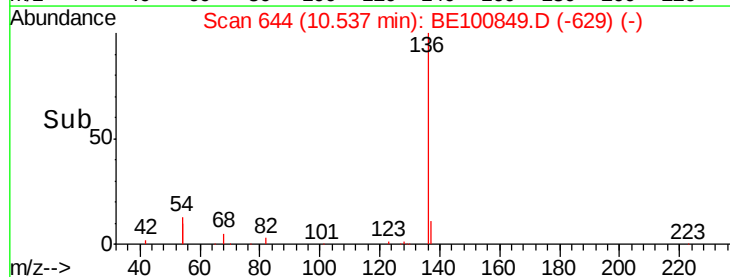
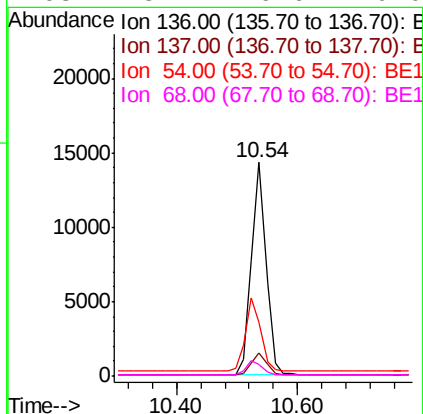
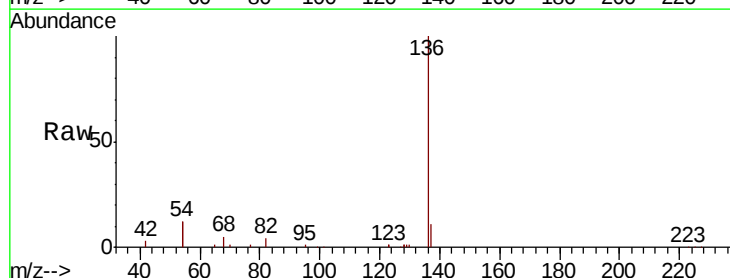
Ion Ratio Lower Upper

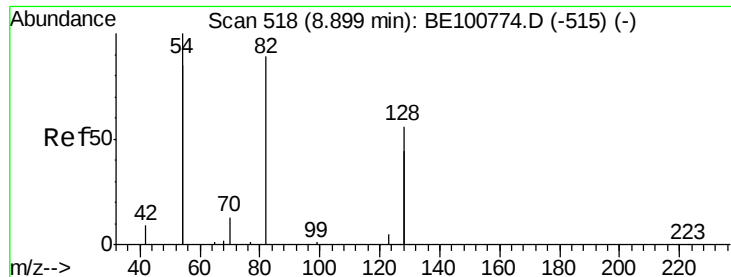
136 100

137 10.9 9.4 14.0

54 25.0 31.1 46.7#

68 5.4 6.6 10.0#





#8

Nitrobenzene-d5

Concen: 0.521 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_E

ClientSampleId :

TT101D1-20191205

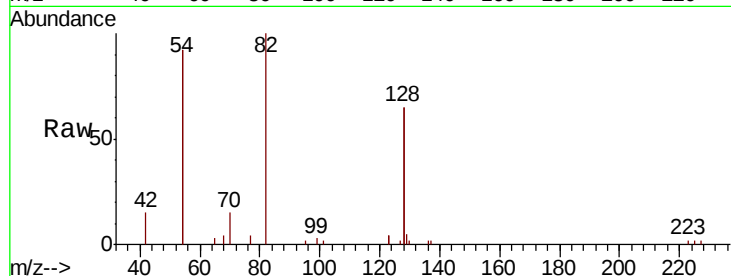
Tot Ion: 82 Resp: 5909

Ion Ratio Lower Upper

82 100

128 129.5 97.0 145.4

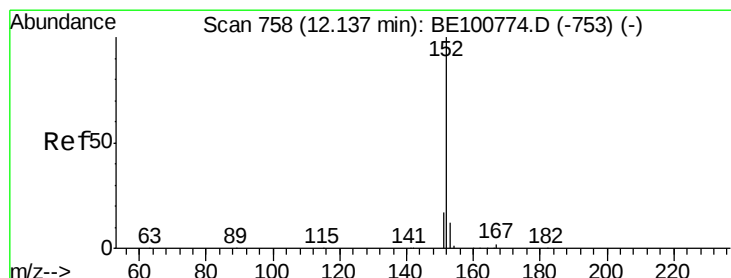
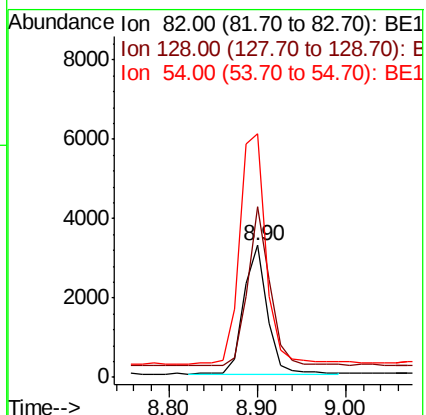
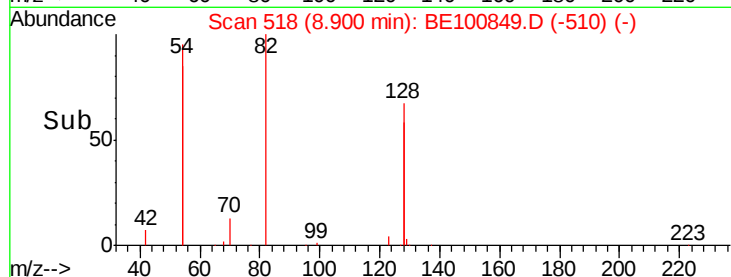
54 184.8 171.8 257.6



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: 0.421 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100849.D

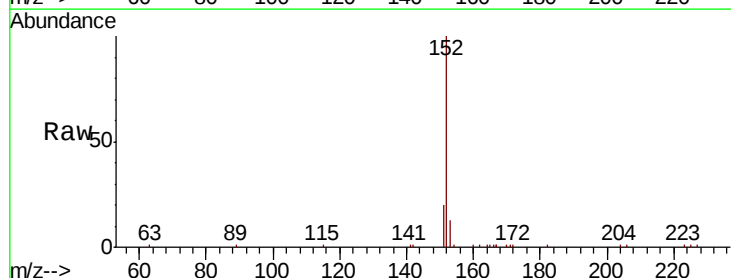
Acq: 11 Dec 2019 16:52

Tgt Ion: 152 Resp: 14513

Ion Ratio Lower Upper

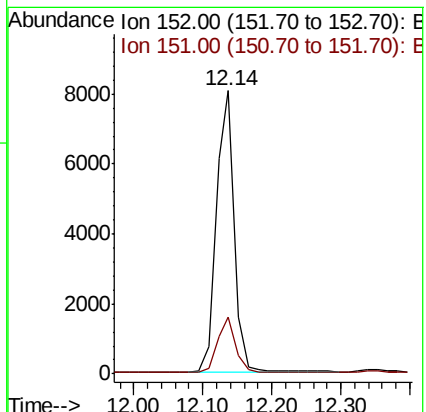
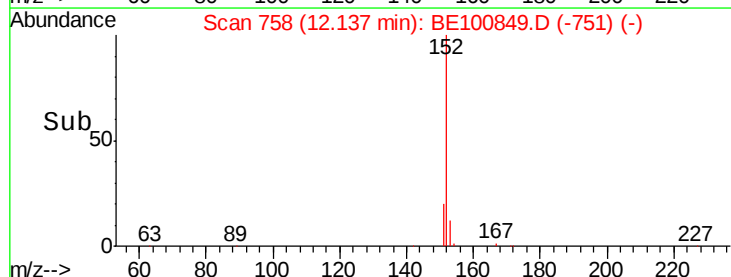
152 100

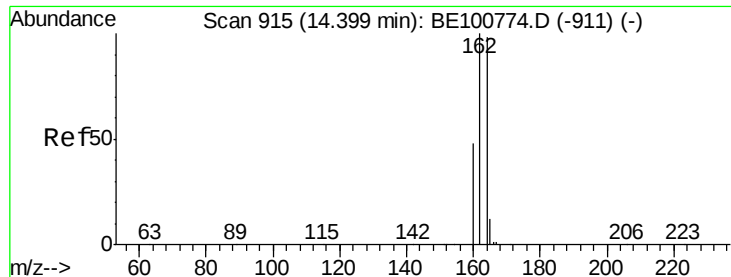
151 19.6 15.8 23.8



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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_E

ClientSampleId :

TT101D1-20191205

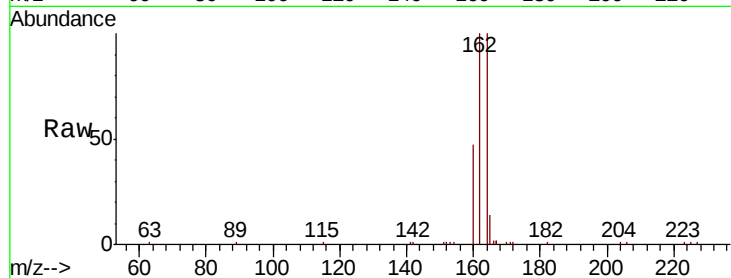
Tot Ion:164 Resp: 13052

Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.0

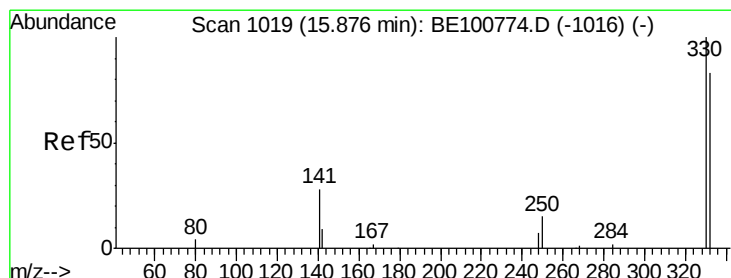
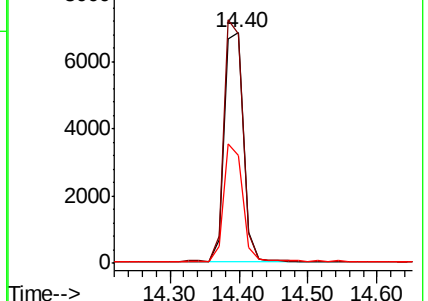
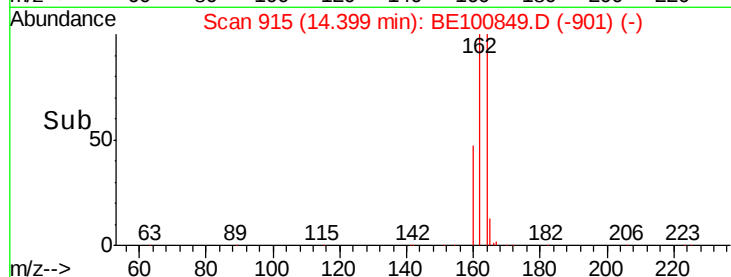
160 47.0 39.4 59.0



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

2,4,6-Tribromophenol

Concen: 0.714 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

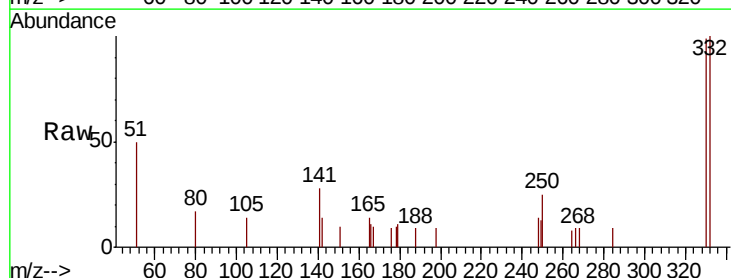
Tgt Ion:330 Resp: 1037

Ion Ratio Lower Upper

330 100

332 96.4 69.4 104.2

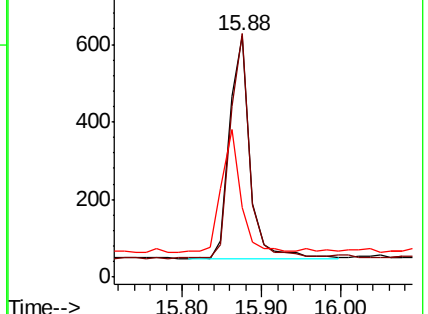
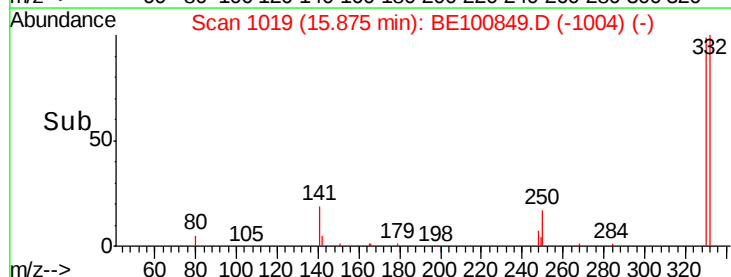
141 51.0 51.1 76.7#

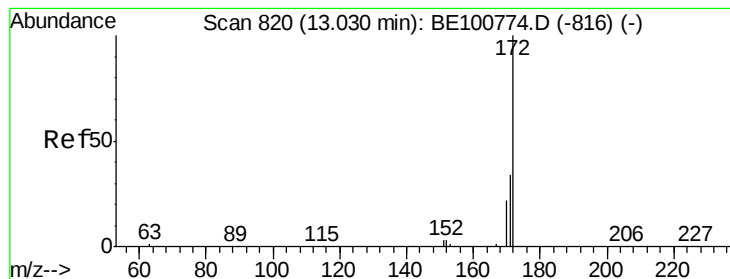


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.558 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

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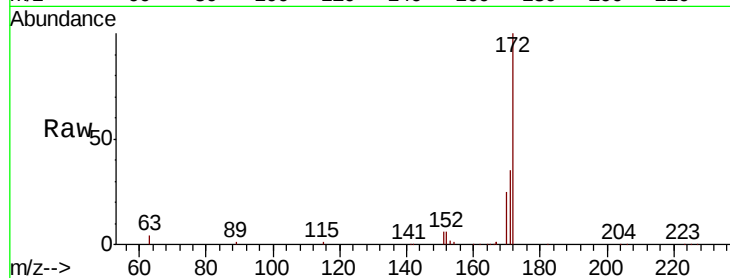
Tot Ion:172 Resp: 28913

Ion Ratio Lower Upper

172 100

171 35.1 27.2 40.8

170 24.7 18.0 27.0

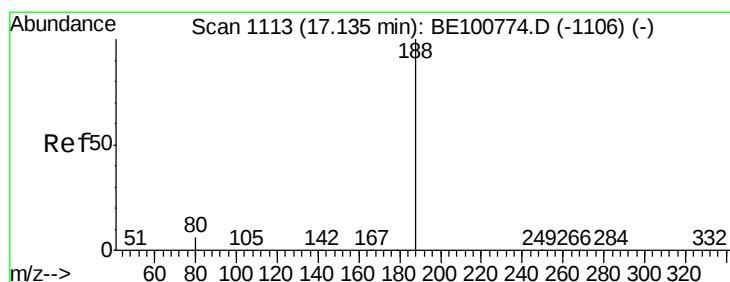
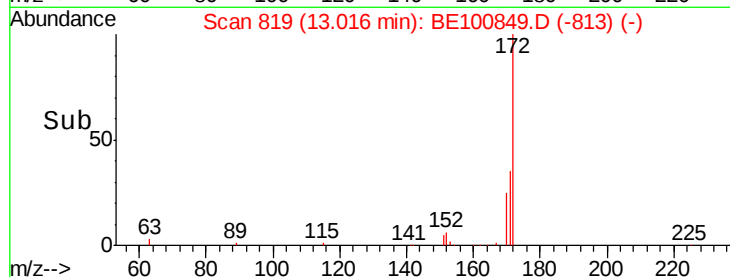
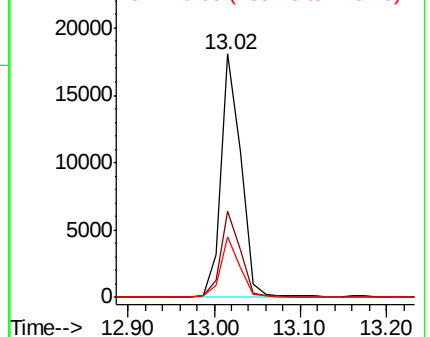


Abundance

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: BE100849.D

Acq: 11 Dec 2019 16:52

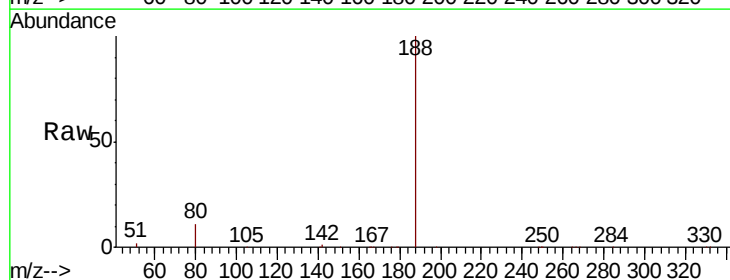
Tgt Ion:188 Resp: 29969

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 5.2 7.8#

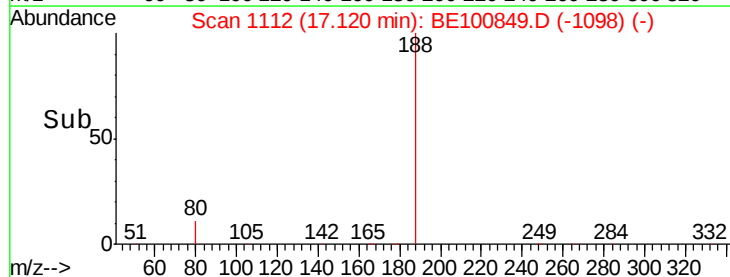
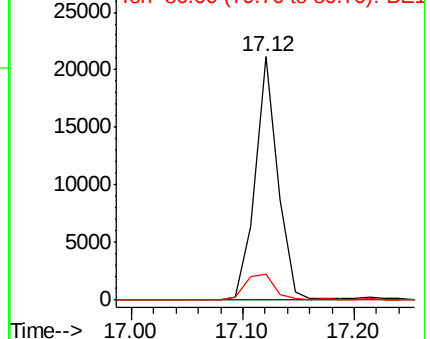


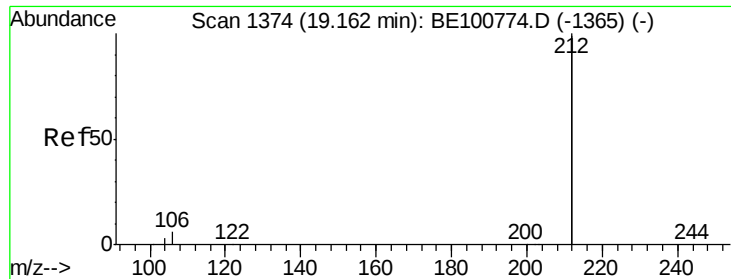
Abundance

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: 0.375 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_E

ClientSampleId :

TT101D1-20191205

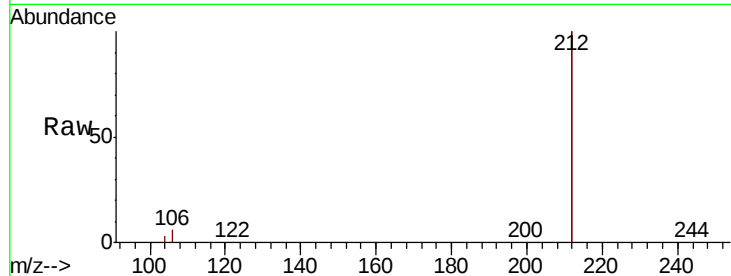
Tot Ion:212 Resp: 132879

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

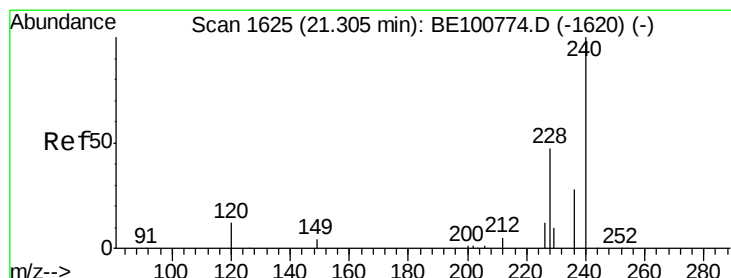
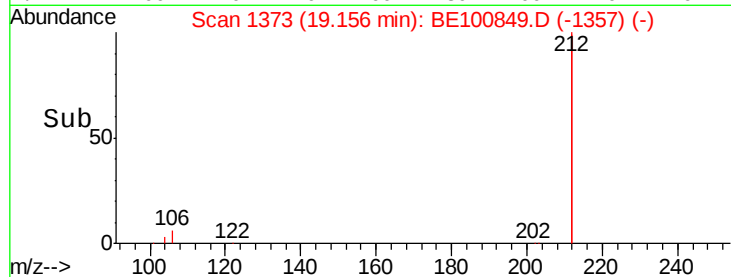
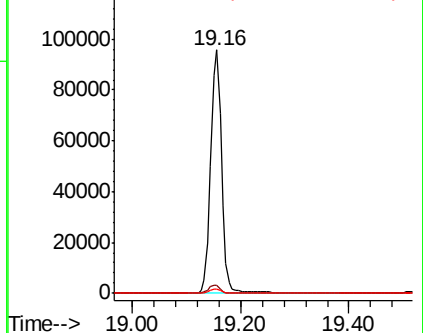
104 1.8 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

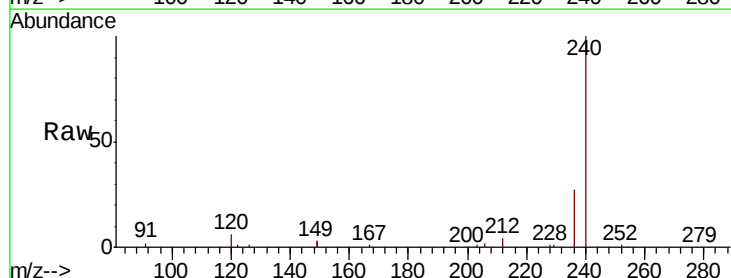
Tgt Ion:240 Resp: 23654

Ion Ratio Lower Upper

240 100

120 5.8 10.2 15.2#

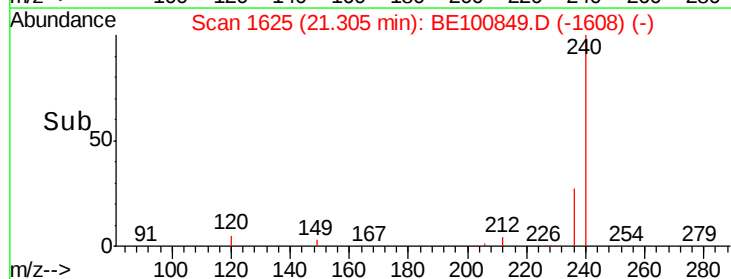
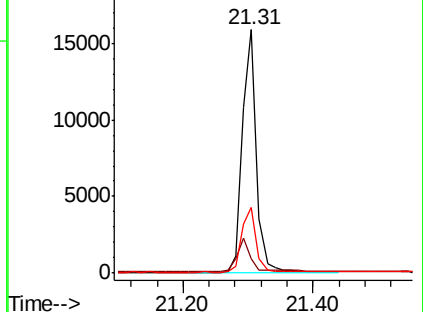
236 27.0 22.3 33.5

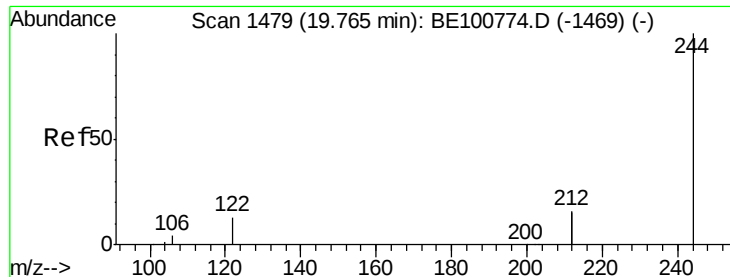


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.571 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

Instrument :

BNA_E

ClientSampleId :

TT101D1-20191205

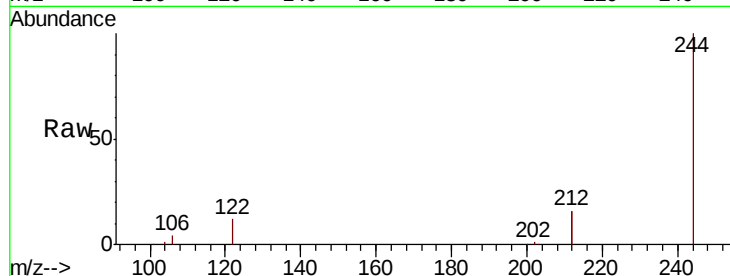
Tot Ion:244 Resp: 32361

Ion Ratio Lower Upper

244 100

212 31.7 26.2 39.4

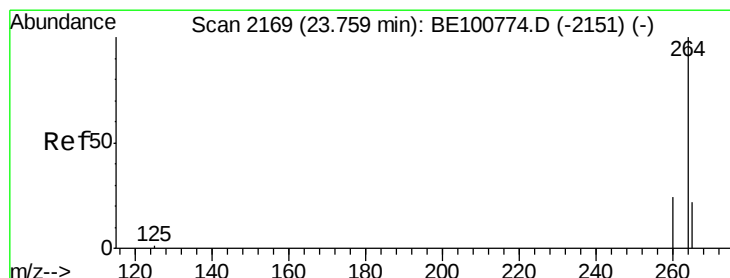
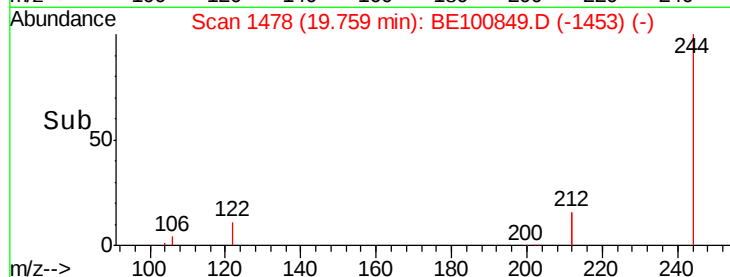
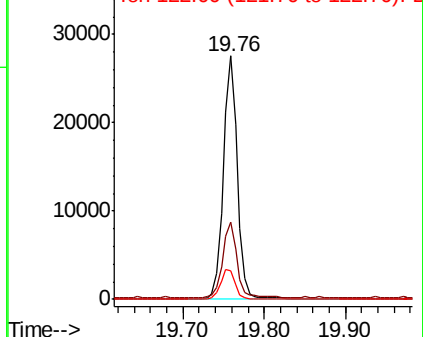
122 11.6 10.2 15.4



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

Perylene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100849.D

Acq: 11 Dec 2019 16:52

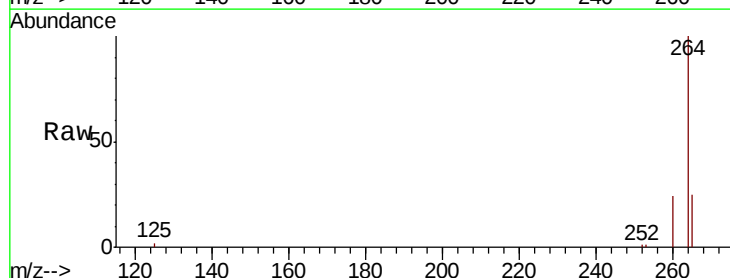
Tgt Ion:264 Resp: 27715

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 25.1 21.8 32.8



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

