

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
 Data File : BE100551.D
 Acq On : 25 Sep 2019 10:24
 Operator : JU
 Sample : PB123289BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 11:51:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

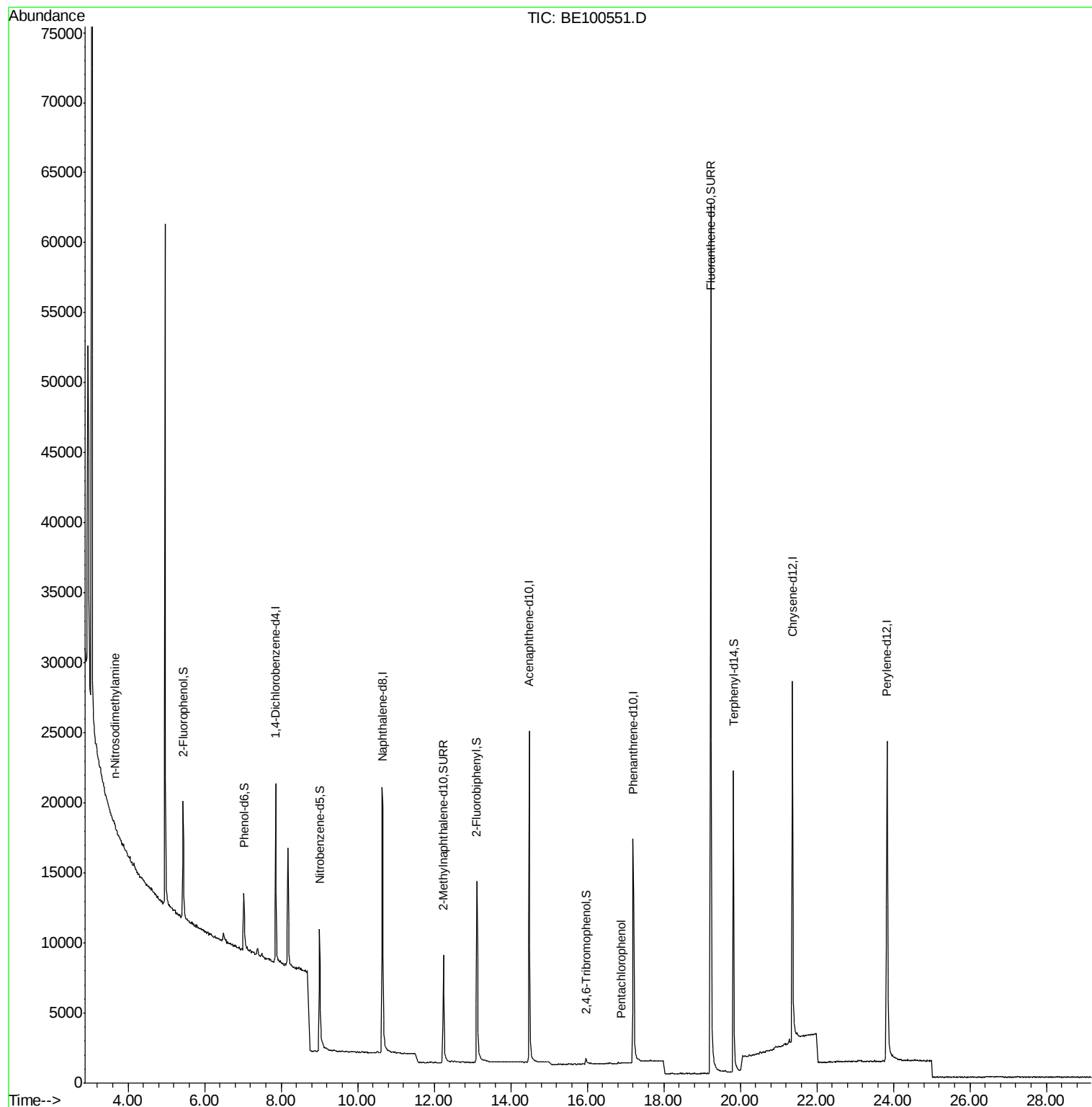
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7239	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	29515	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	14539	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	28853	0.40	ng	0.00
27) Chrysene-d12	21.37	240	32816	0.40	ng	0.00
34) Perylene-d12	23.84	264	37773	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	5150	0.30	ng	0.00
5) Phenol-d6	7.02	99	5896	0.25	ng	0.00
8) Nitrobenzene-d5	9.00	82	4769	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	12545	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	460	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	15415	0.30	ng	0.00
25) Fluoranthene-d10	19.23	212	102847	0.30	ng	0.00
29) Terphenyl-d14	19.82	244	23372	0.30	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	255	0.042	ng	# 1
22) Pentachlorophenol	16.88	266	17	0.178	ng	# 75

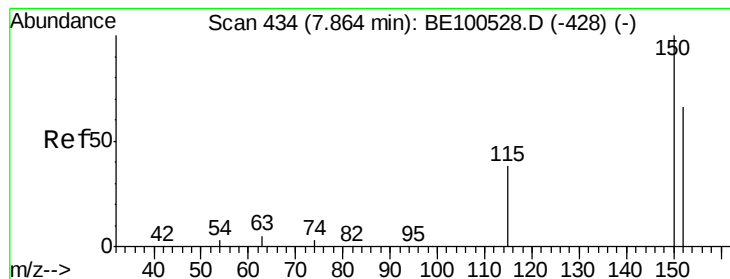
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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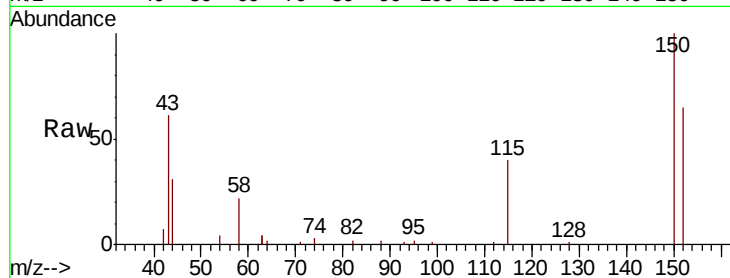


#1

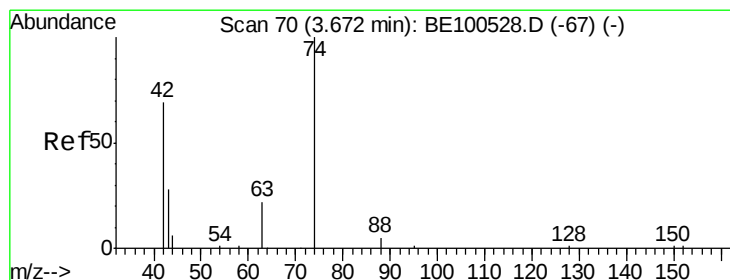
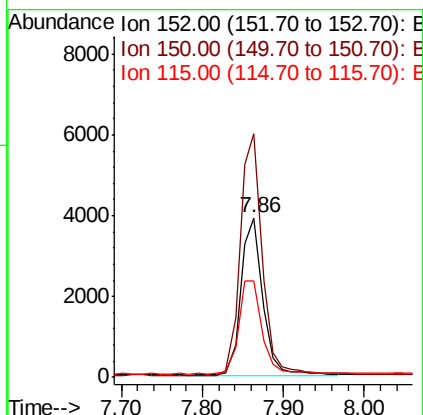
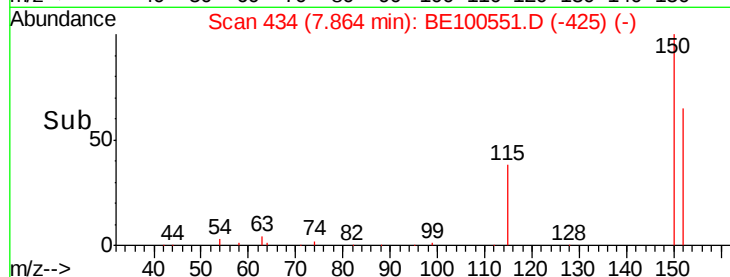
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100551.D
Acq: 25 Sep 2019 10:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 7239
Ion Ratio Lower Upper
152 100
150 152.7 121.6 182.4
115 60.3 48.2 72.4



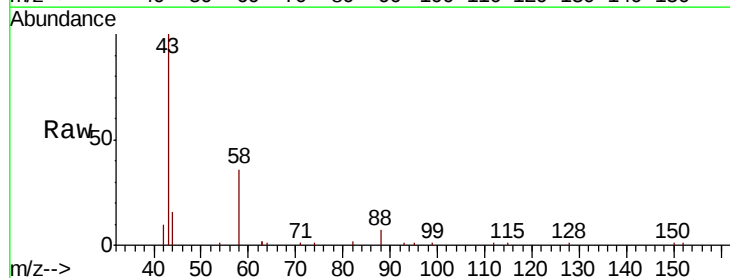
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



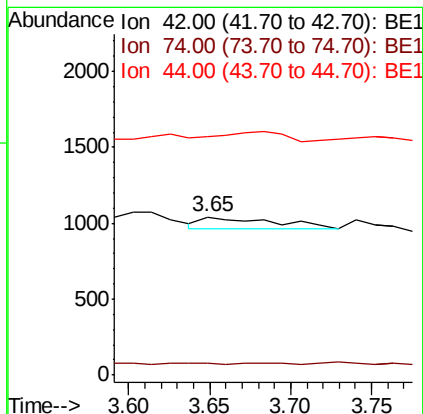
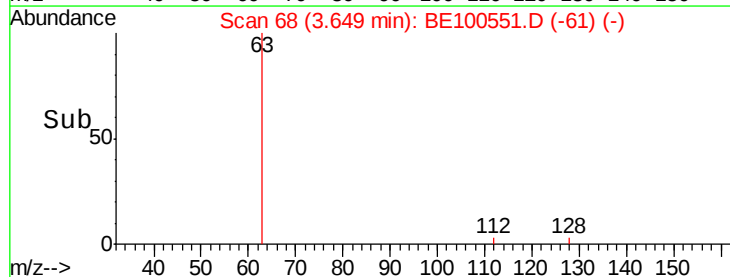
#3

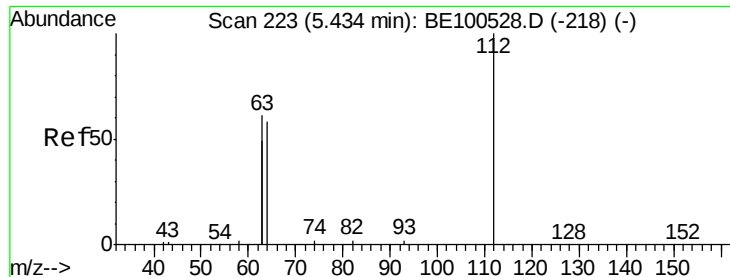
n-Nitrosodimethylamine
Concen: 0.042 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE100551.D
Acq: 25 Sep 2019 10:24

Tgt Ion: 42 Resp: 255
Ion Ratio Lower Upper
42 100
74 0.0 133.8 200.6#
44 0.0 6.4 9.6#



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: 0.304 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

Instrument :

BNA_E

ClientSampled :

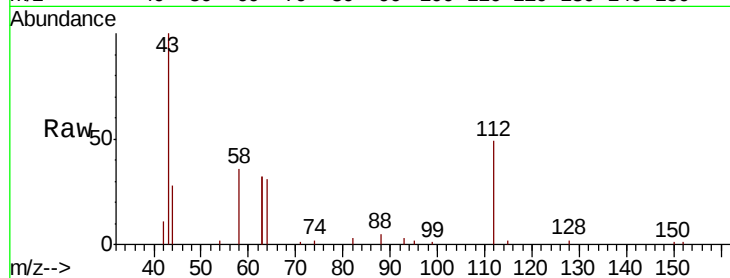
Tot Ion:112 Resp: 5150

Ion Ratio Lower Upper

112 100

64 56.9 44.1 66.1

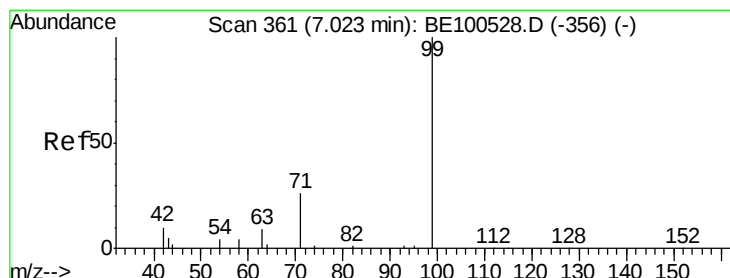
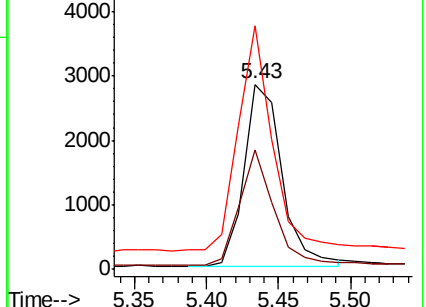
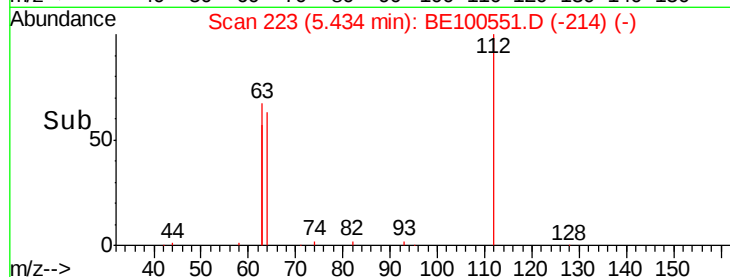
63 112.6 86.5 129.7



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: 0.254 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

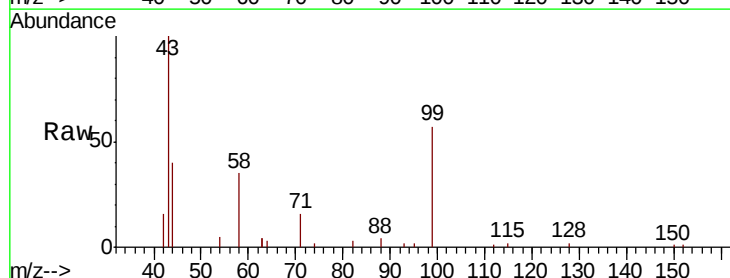
Tgt Ion: 99 Resp: 5896

Ion Ratio Lower Upper

99 100

42 17.5 13.0 19.6

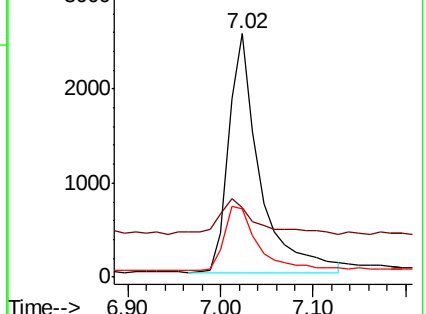
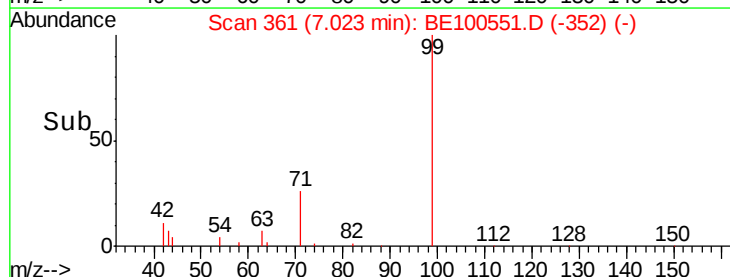
71 29.7 23.4 35.0

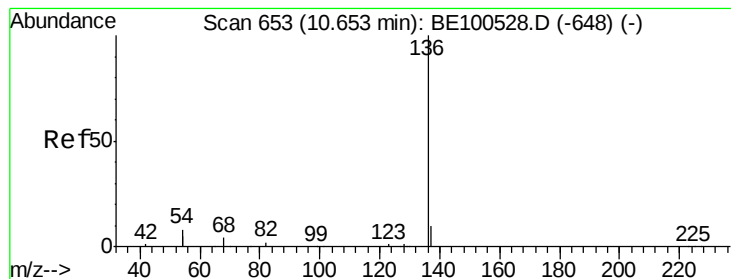


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 29515

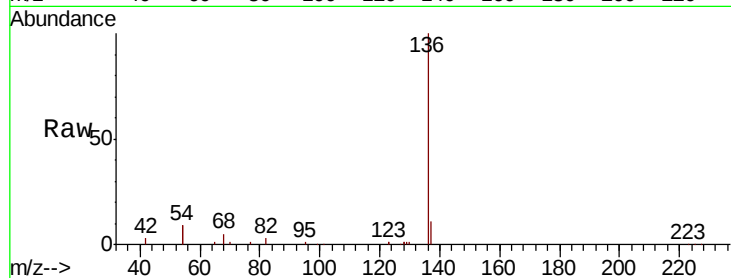
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 18.2 12.4 18.6

68 4.5 3.3 4.9

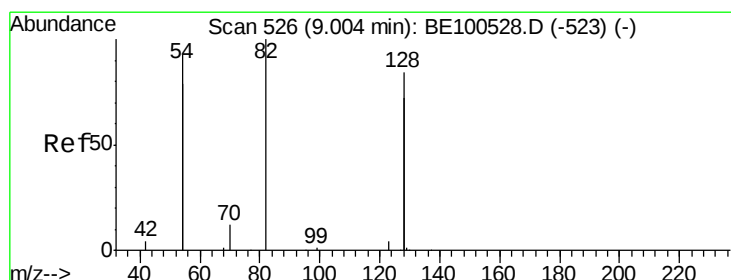
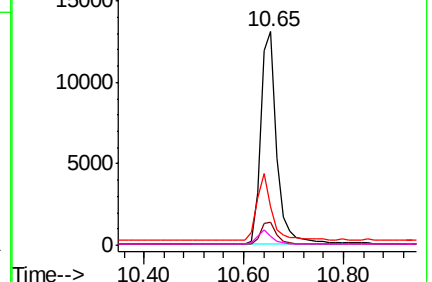
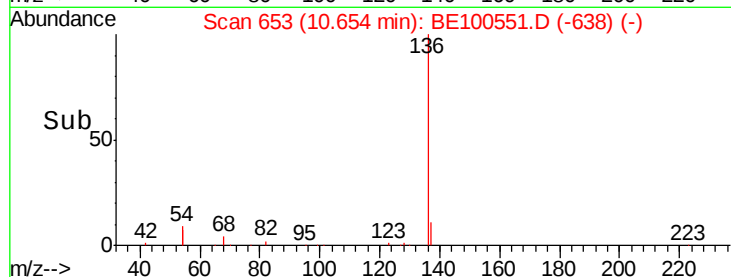


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.280 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

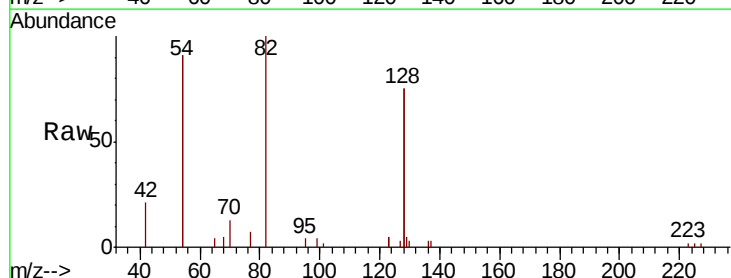
Tgt Ion: 82 Resp: 4769

Ion Ratio Lower Upper

82 100

128 150.9 129.4 194.2

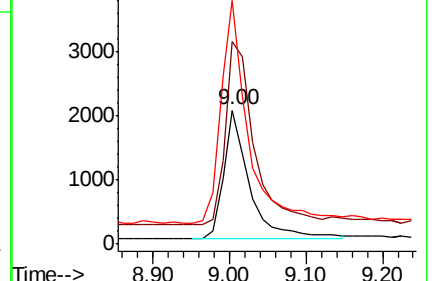
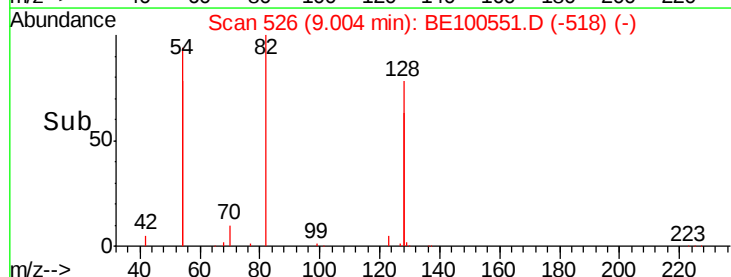
54 181.7 143.3 214.9

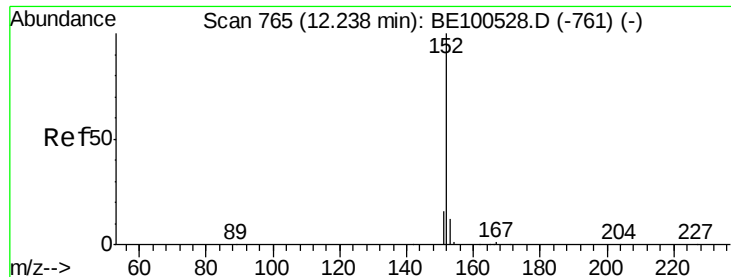


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

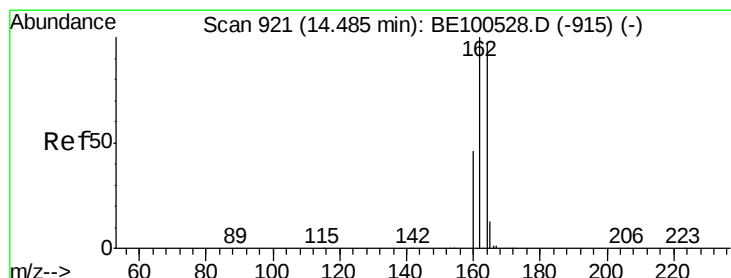
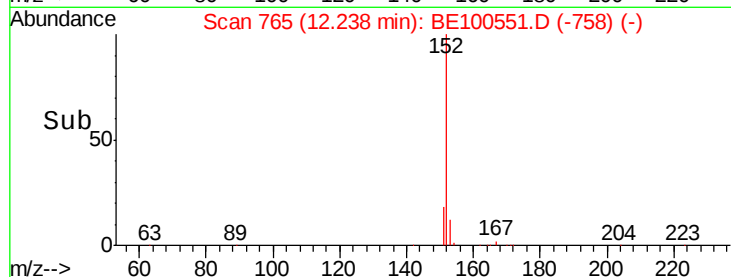
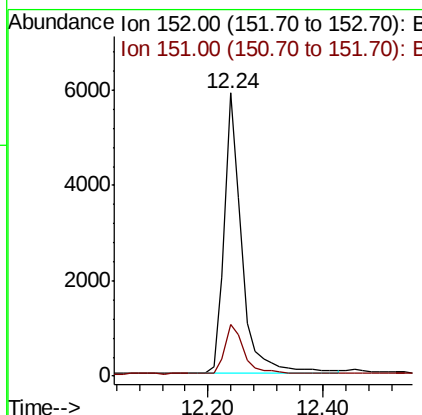
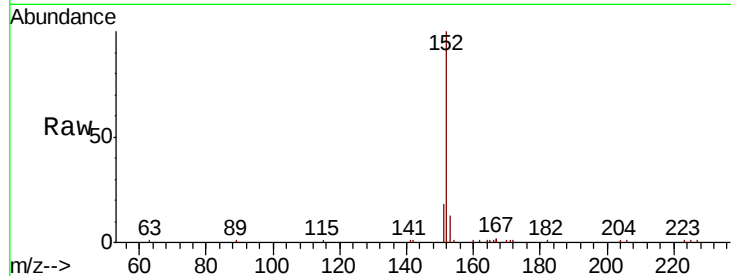




#11
 2-Methylnaphthalene-d10
 Concen: 0.284 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE100551.D
 Acq: 25 Sep 2019 10:24

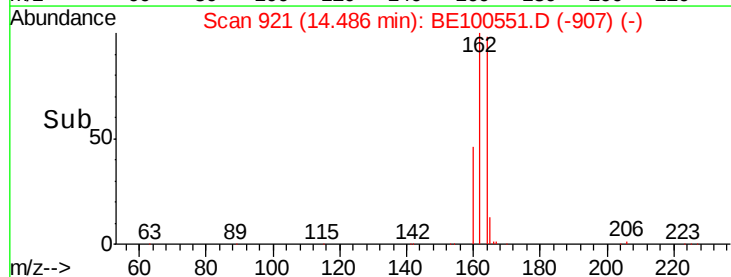
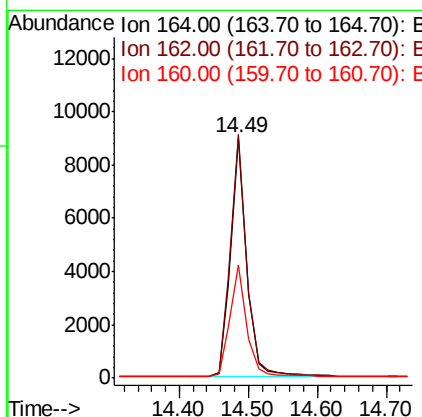
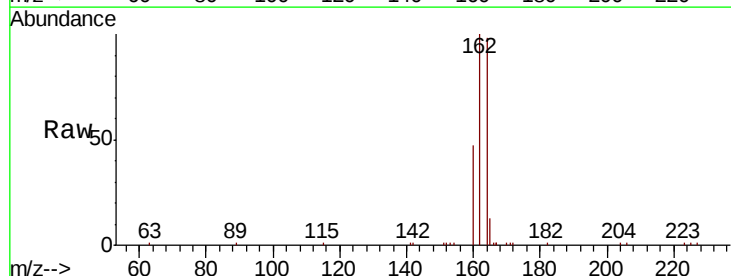
Instrument :
 BNA_E
 ClientSampleId :

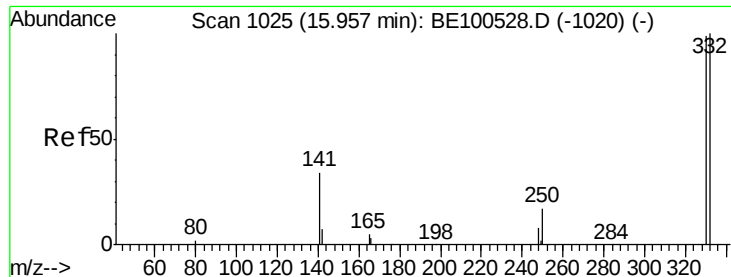
Tot Ion:152 Resp: 12545
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100551.D
 Acq: 25 Sep 2019 10:24

Tgt Ion:164 Resp: 14539
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.1 123.1
 160 47.3 37.6 56.4

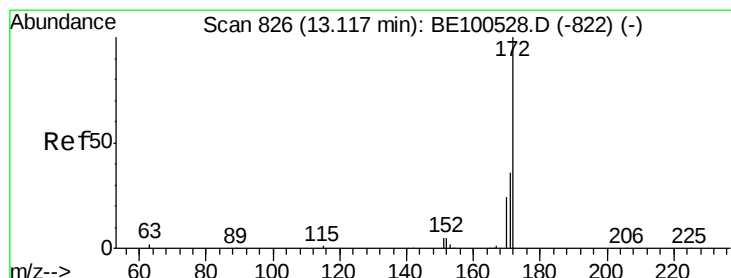
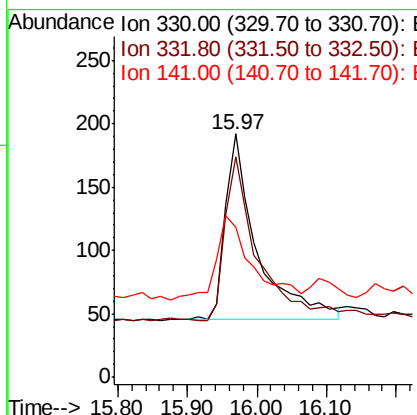
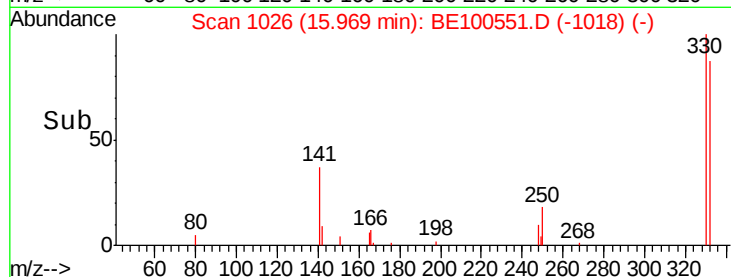
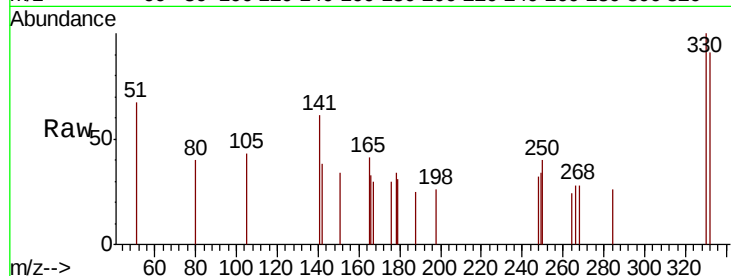




#14
 2,4,6-Tribromophenol
 Concen: 0.196 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BE100551.D
 Acq: 25 Sep 2019 10:24

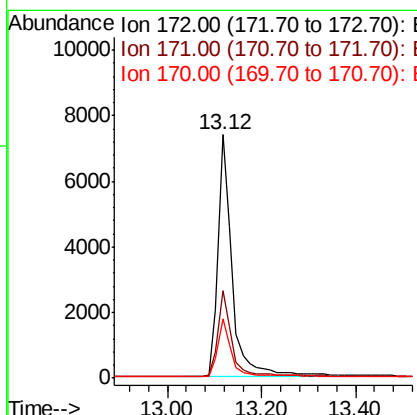
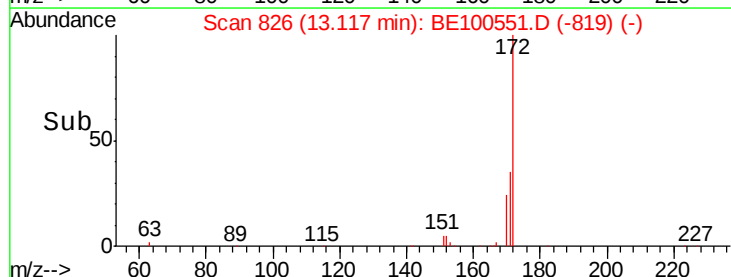
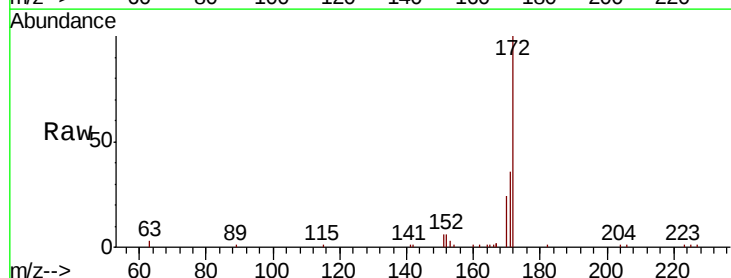
Instrument :
 BNA_E
 ClientSampleId :

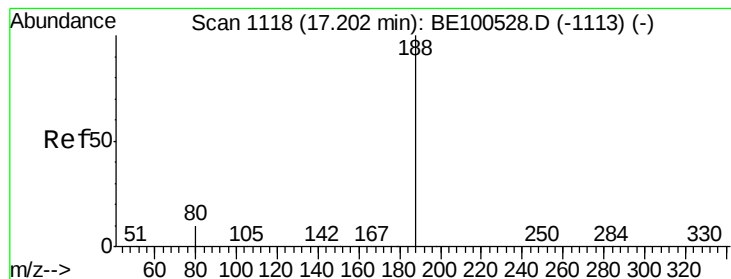
Tot Ion:330 Resp: 460
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.5 113.3
 141 43.3 42.3 63.5



#15
 2-Fluorobiphenyl
 Concen: 0.297 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE100551.D
 Acq: 25 Sep 2019 10:24

Tgt Ion:172 Resp: 15415
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 24.3 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

Instrument :

BNA_E

ClientSampleId :

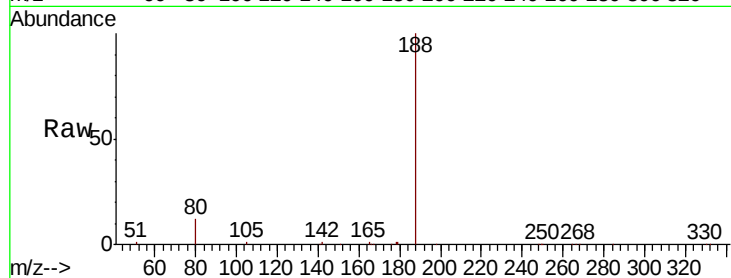
Tot Ion:188 Resp: 28853

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

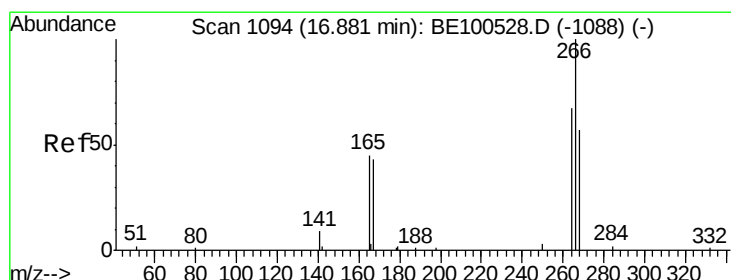
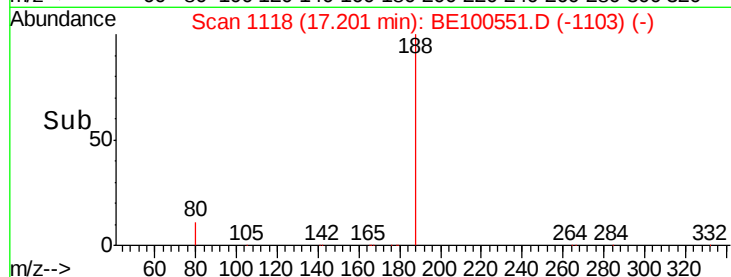
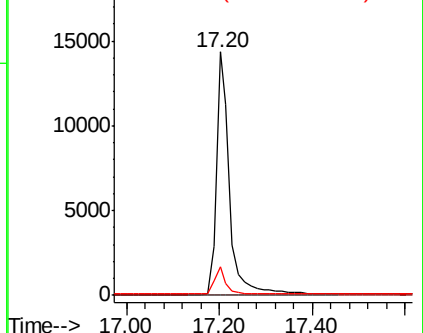
80 11.5 8.0 12.0



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: 0.178 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

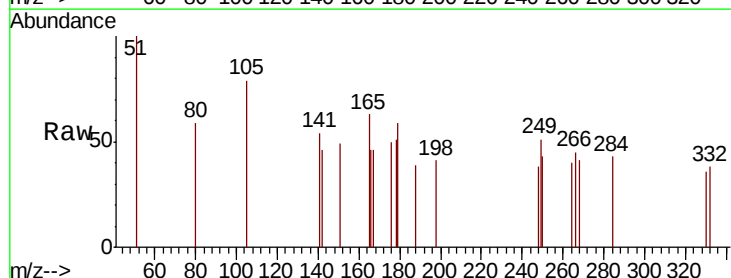
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 89.1 57.6 86.4#

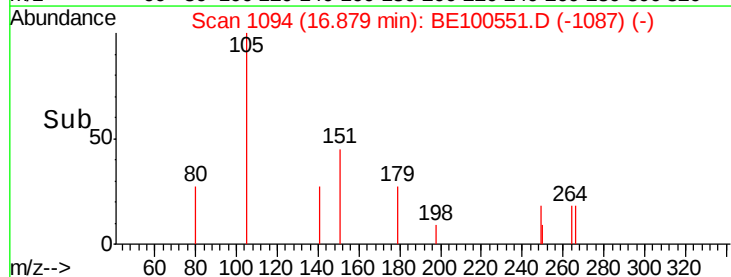
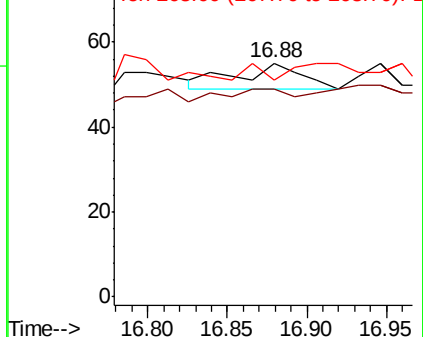
268 92.7 55.1 82.7#

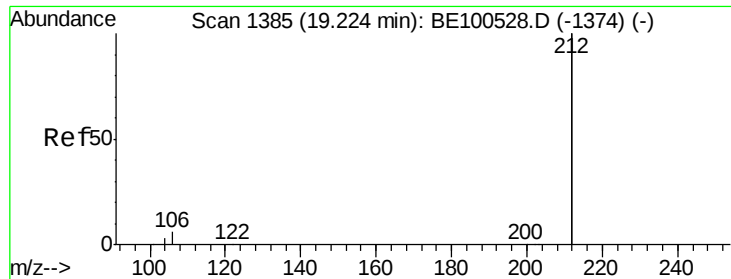


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

Instrument :

BNA_E

ClientSampleId :

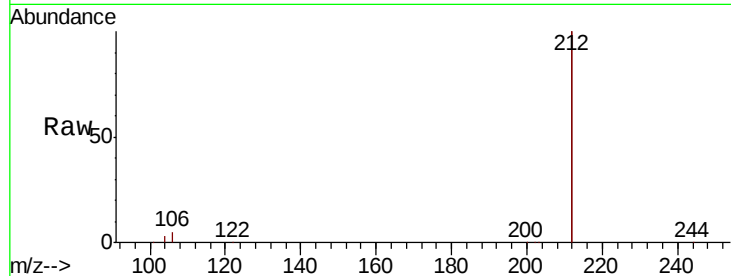
Tot Ion:212 Resp: 102847

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

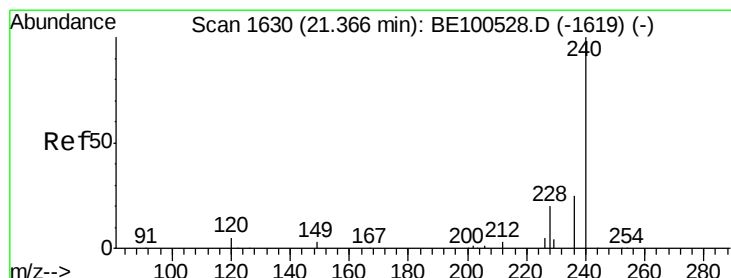
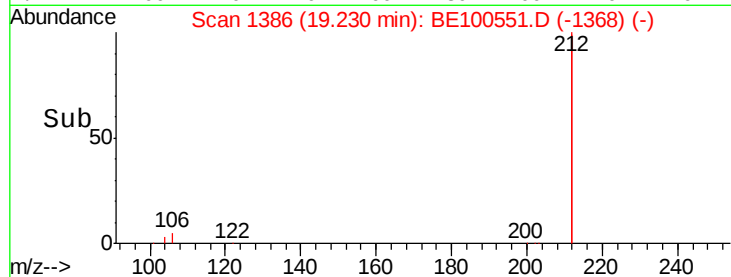
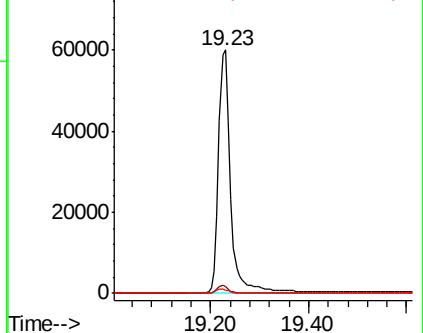
104 1.7 1.3 1.9



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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

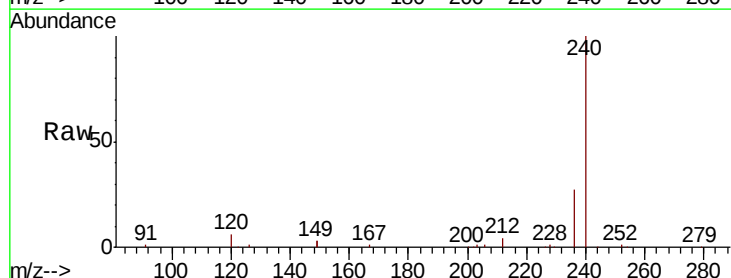
Tgt Ion:240 Resp: 32816

Ion Ratio Lower Upper

240 100

120 6.4 4.5 6.7

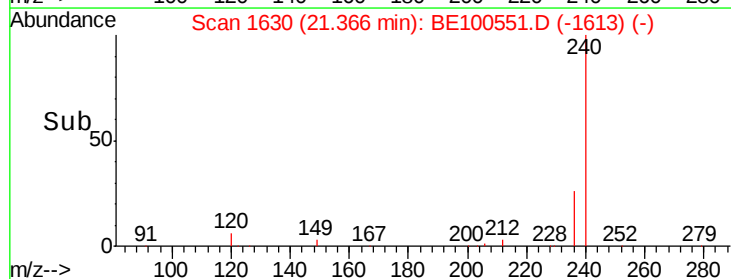
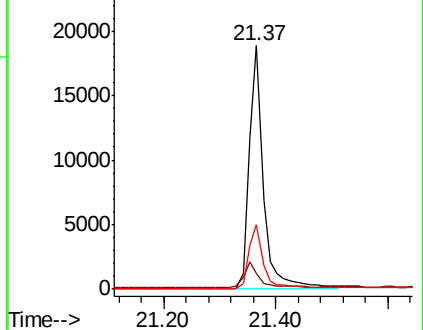
236 26.7 20.6 30.8

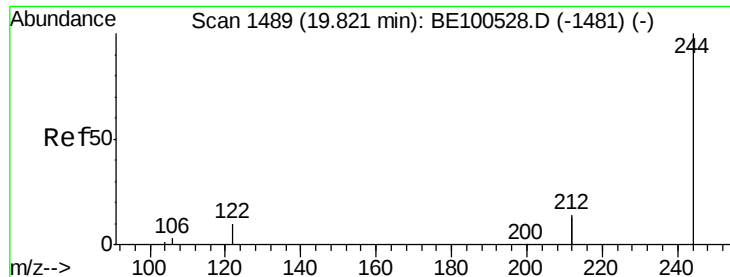


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.301 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

Instrument :

BNA_E

ClientSampleId :

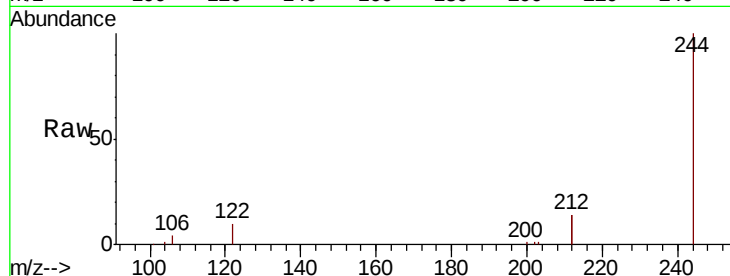
Tot Ion:244 Resp: 23372

Ion Ratio Lower Upper

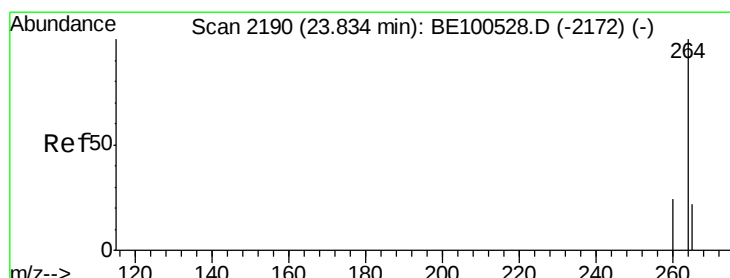
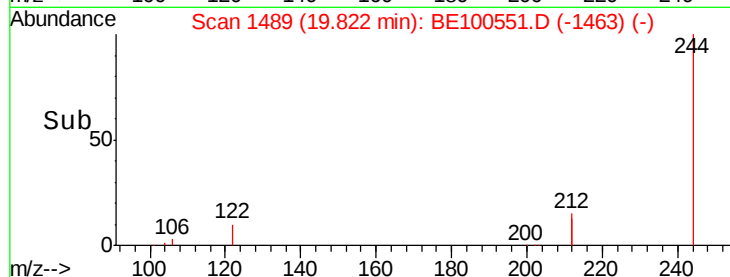
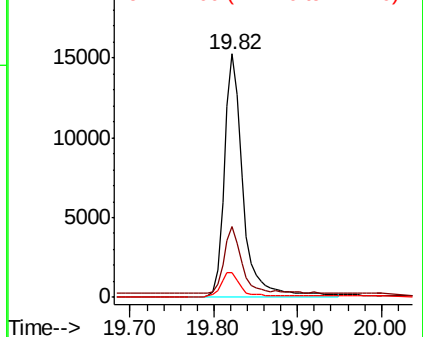
244 100

212 28.9 22.2 33.2

122 9.9 8.3 12.5



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: 23.84 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BE100551.D

Acq: 25 Sep 2019 10:24

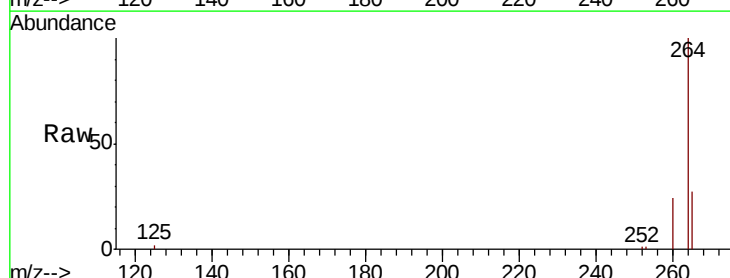
Tgt Ion:264 Resp: 37773

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 26.9 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

