

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100546.D
 Acq On : 23 Sep 2019 19:22
 Operator : HP/JU
 Sample : K4930-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 05:50:01 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	6532	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	29376	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	16694	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	37887	0.40	ng	0.00
27) Chrysene-d12	21.37	240	41898	0.40	ng	0.00
34) Perylene-d12	23.83	264	47075	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.44	112	2761	0.18	ng	0.00
5) Phenol-d6	7.02	99	2052	0.10	ng	0.00
8) Nitrobenzene-d5	9.00	82	7279	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	17957	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1218	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	24351	0.41	ng	0.00
25) Fluoranthene-d10	19.23	212	191327	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	49453	0.50	ng	0.00

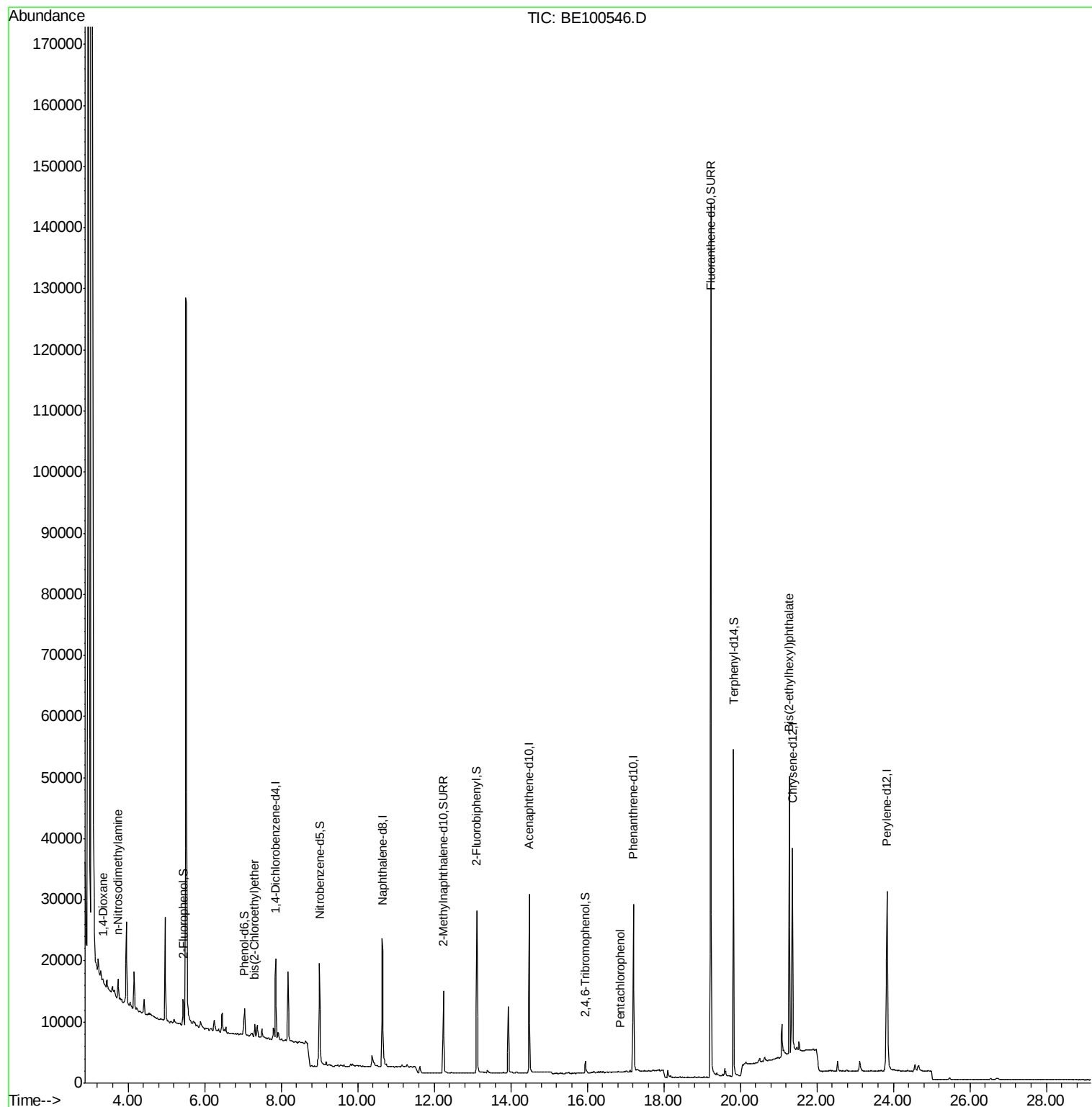
Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	403	0.043	ng	# 68
3) n-Nitrosodimethylamine	3.74	42	216	0.039	ng	# 1
6) bis(2-Chloroethyl)ether	7.31	93	2778	0.131	ng	# 1
22) Pentachlorophenol	16.85	266	39	0.182	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.28	149	52673	0.437	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
Data File : BE100546.D
Acq On : 23 Sep 2019 19:22
Operator : HP/JU
Sample : K4930-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 05:50:01 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

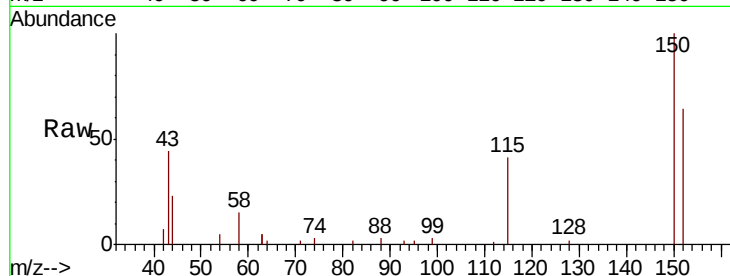




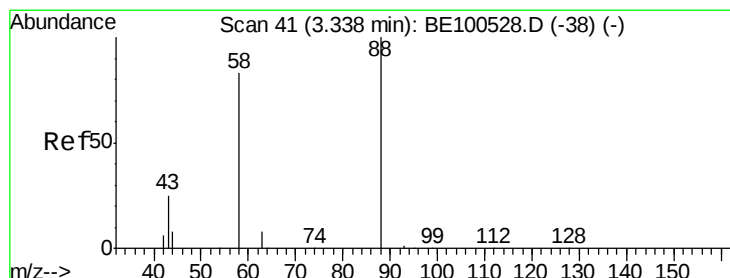
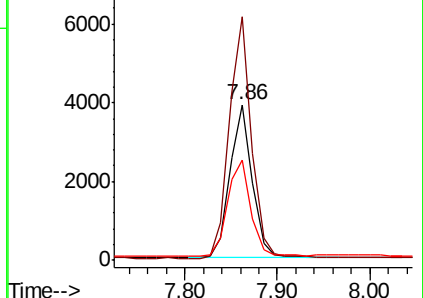
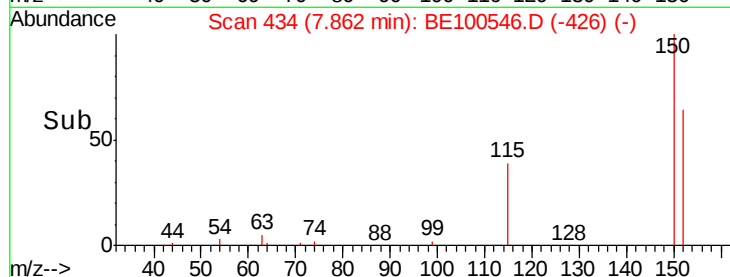
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100546.D
Acq: 23 Sep 2019 19:22

Tot Ion:152 Resp: 6532
Ion Ratio Lower Upper
152 100
150 156.2 121.6 182.4
115 63.9 48.2 72.4



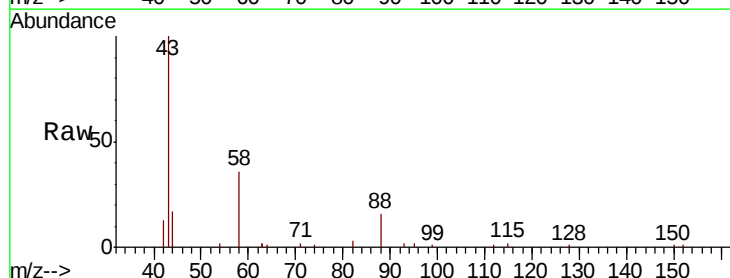
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



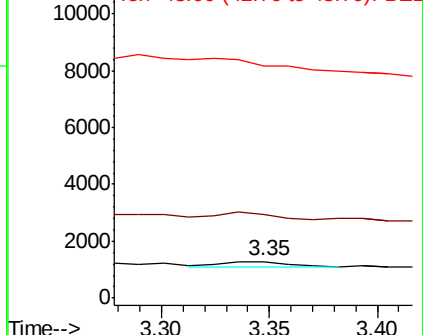
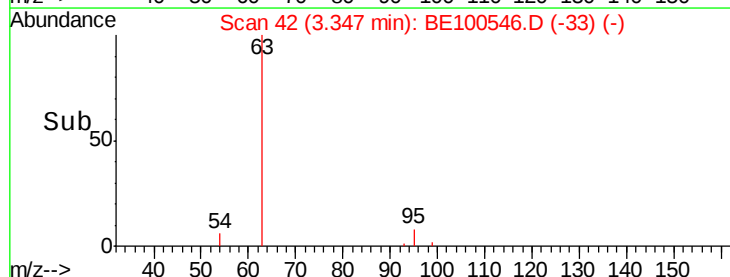
#2

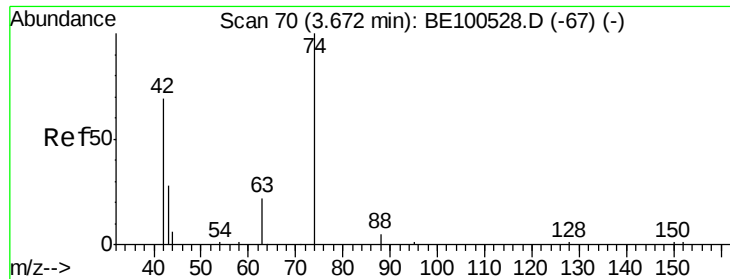
1,4-Dioxane
Concen: 0.043 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100546.D
Acq: 23 Sep 2019 19:22

Tgt Ion: 88 Resp: 403
Ion Ratio Lower Upper
88 100
58 88.6 53.3 79.9#
43 0.0 16.9 25.3#



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: 0.039 ng

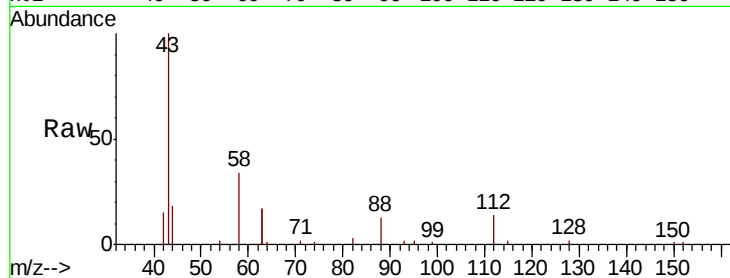
RT: 3.74 min Scan# 76

Delta R.T. 0.07 min

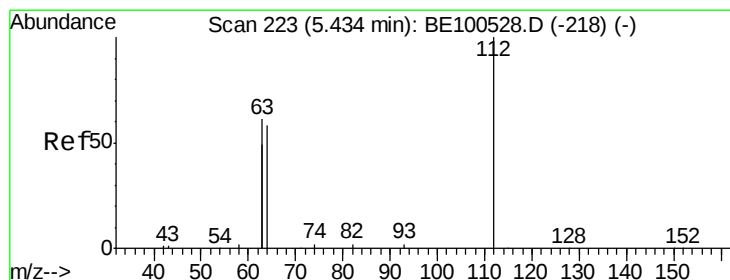
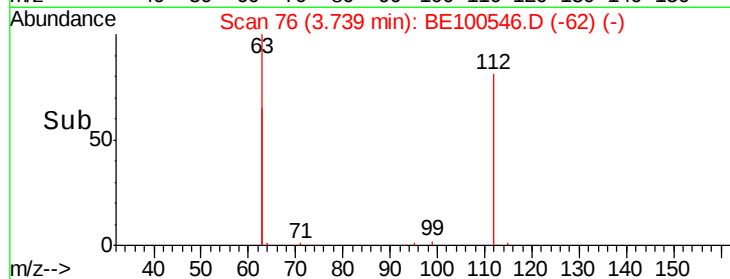
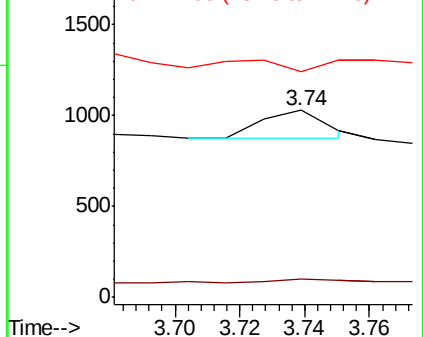
Lab File: BE100546.D

Acq: 23 Sep 2019 19:22

Tot Ion:	42	Resp:	216
Ion	Ratio	Lower	Upper
42	100		
74	12.0	133.8	200.6#
44	35.6	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: 0.181 ng

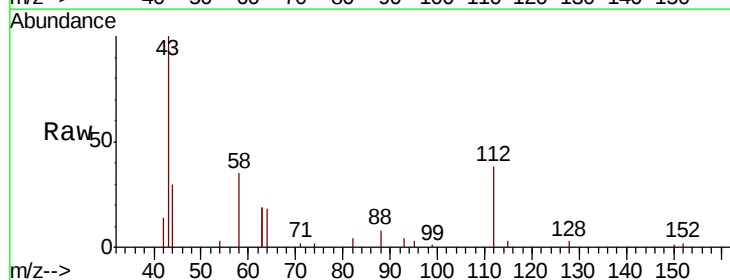
RT: 5.44 min Scan# 224

Delta R.T. 0.01 min

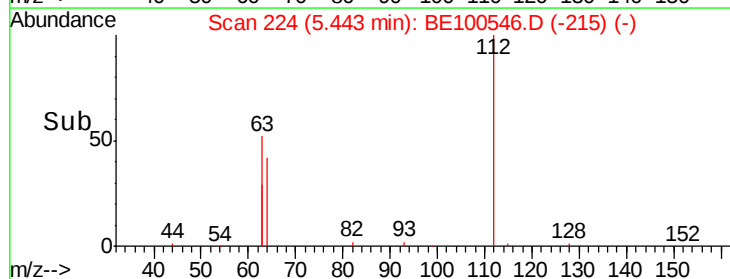
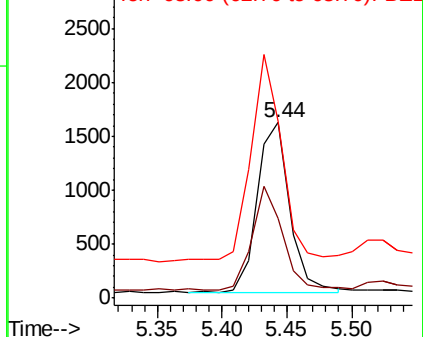
Lab File: BE100546.D

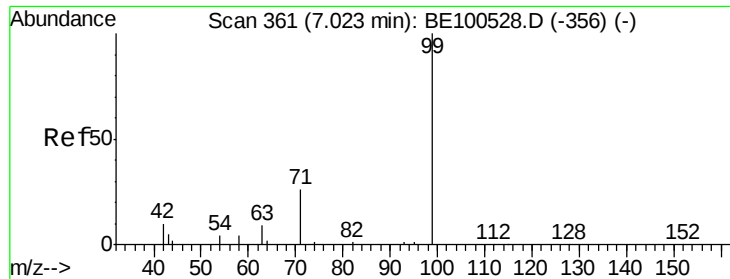
Acq: 23 Sep 2019 19:22

Tgt Ion:	112	Resp:	2761
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	116.5	86.5	129.7



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: 0.098 ng

RT: 7.02 min Scan# 361

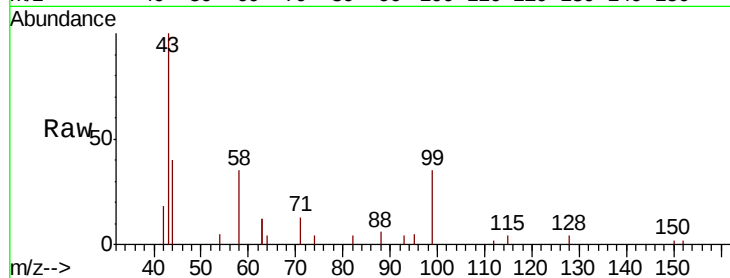
Delta R.T. -0.00 min

Lab File: BE100546.D

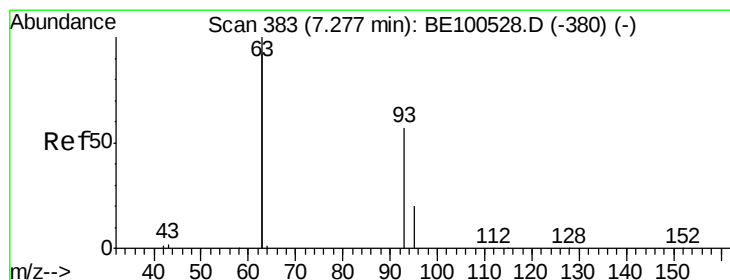
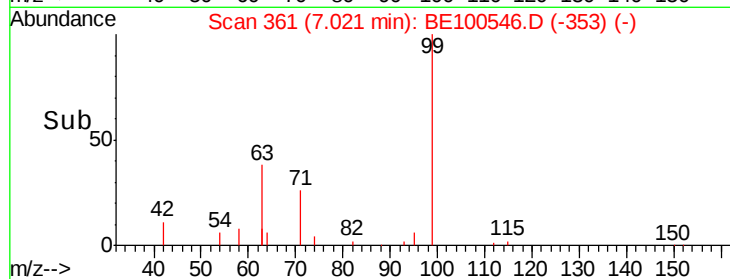
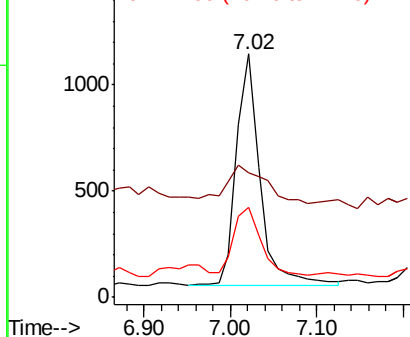
Acq: 23 Sep 2019 19:22

Tot Ion: 99 Resp: 2052

Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.0	19.6#
71	33.7	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



#6

bis(2-Chloroethyl)ether

Concen: 0.131 ng

RT: 7.31 min Scan# 386

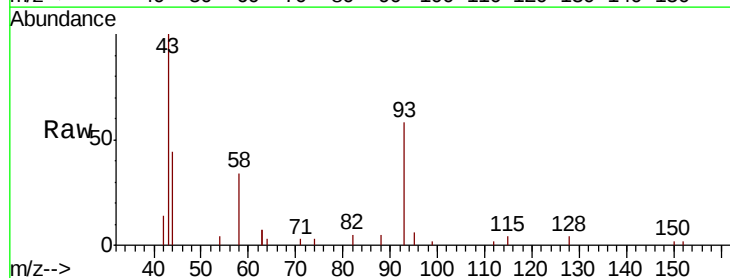
Delta R.T. 0.03 min

Lab File: BE100546.D

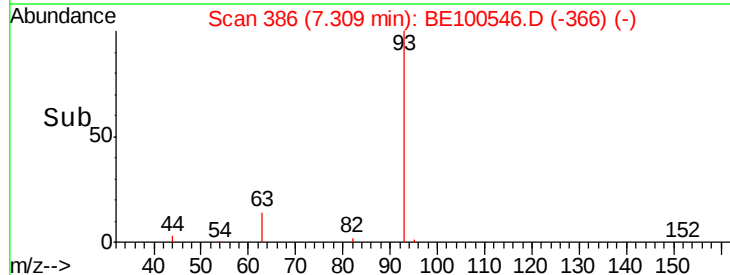
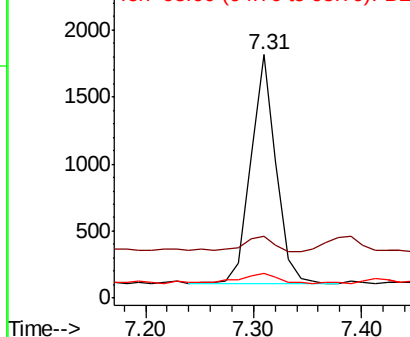
Acq: 23 Sep 2019 19:22

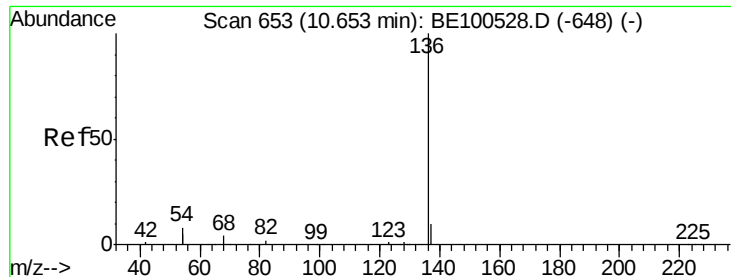
Tgt Ion: 93 Resp: 2778

Ion	Ratio	Lower	Upper
93	100		
63	8.2	213.4	320.0#
95	7.2	23.7	35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100546.D

Acq: 23 Sep 2019 19:22

Tot Ion:136 Resp: 29376

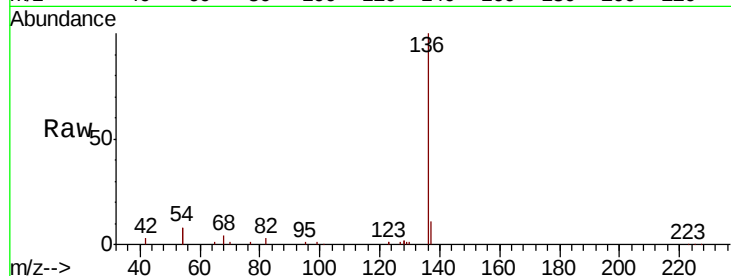
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 16.9 12.4 18.6

68 4.2 3.3 4.9

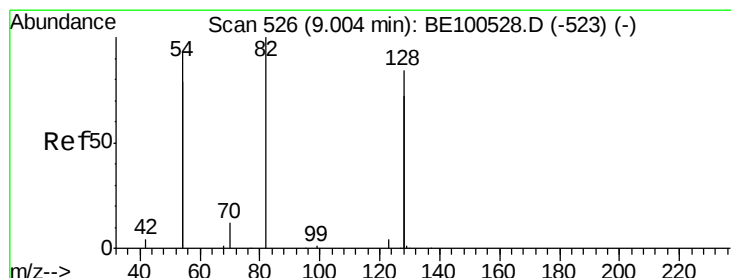
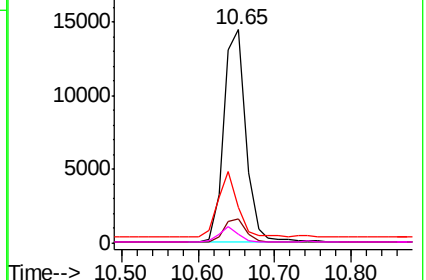
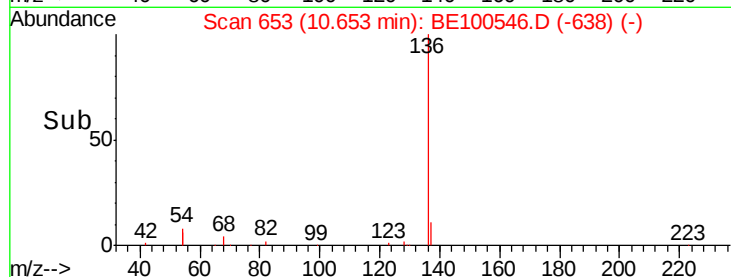


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.430 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100546.D

Acq: 23 Sep 2019 19:22

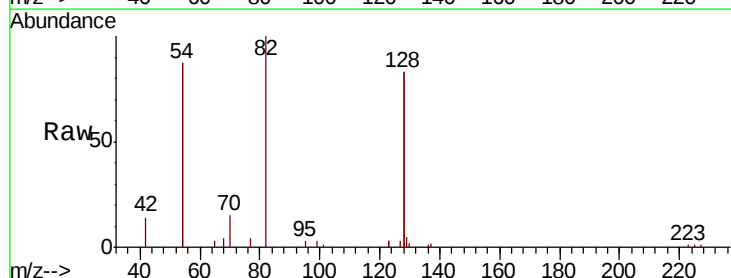
Tgt Ion: 82 Resp: 7279

Ion Ratio Lower Upper

82 100

128 166.0 129.4 194.2

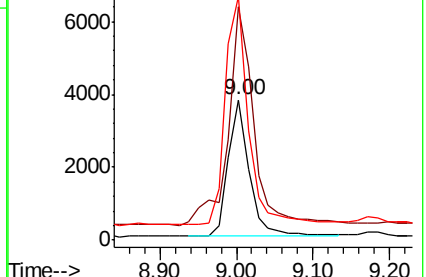
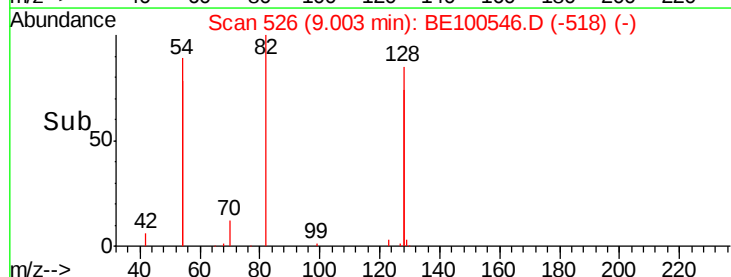
54 173.6 143.3 214.9

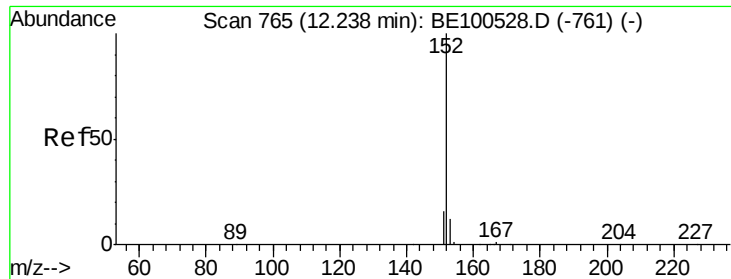


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

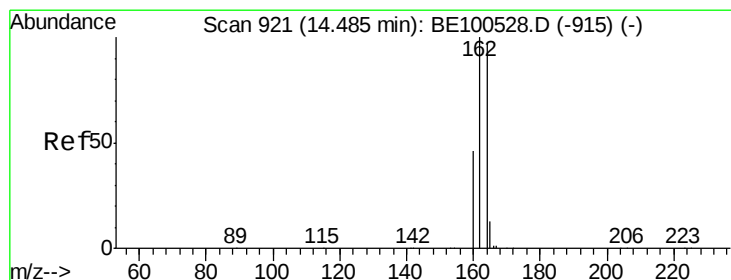
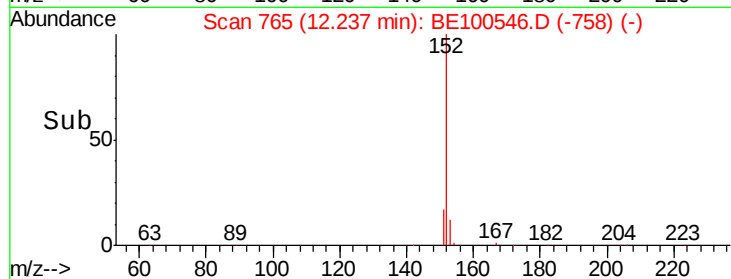
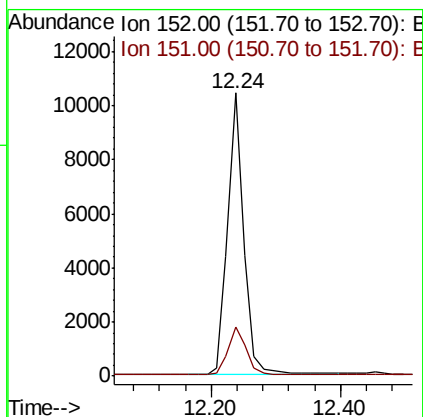
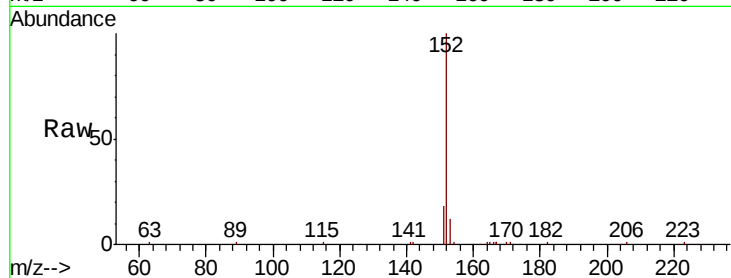
Ion 54.00 (53.70 to 54.70): BE1





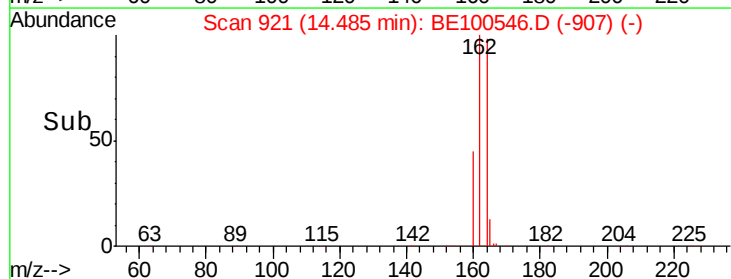
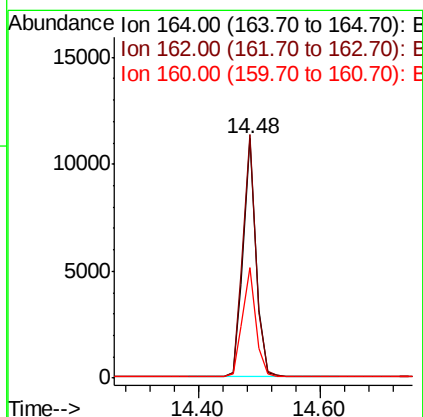
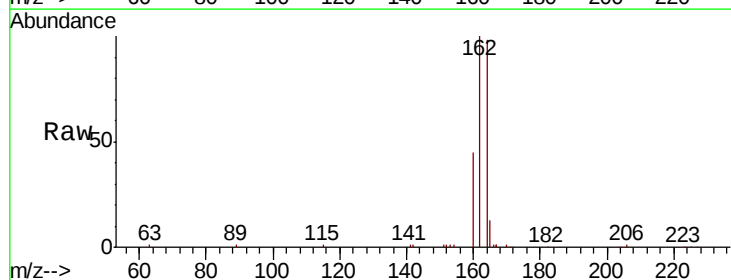
#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

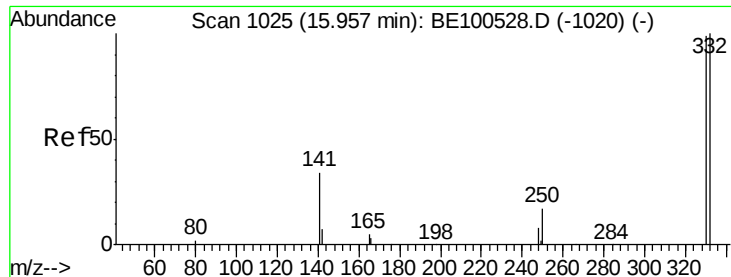
Tot Ion:152 Resp: 17957
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

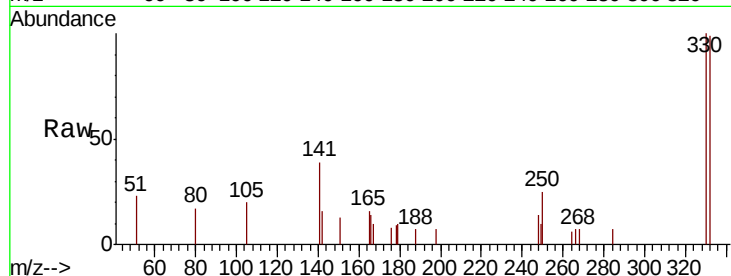
Tgt Ion:164 Resp: 16694
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 46.3 37.6 56.4



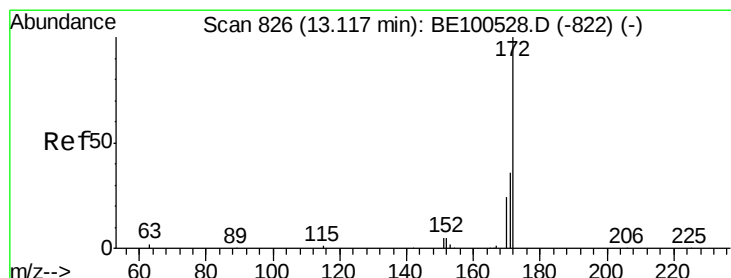
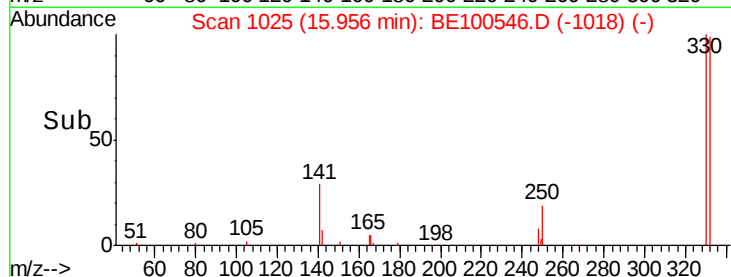
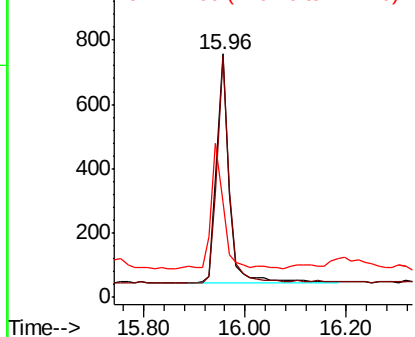


#14
 2,4,6-Tribromophenol
 Concen: 0.451 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

Tot Ion:330 Resp: 1218
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.5 113.3
 141 49.3 42.3 63.5

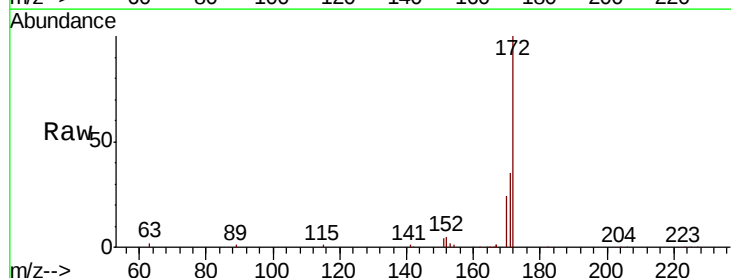


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

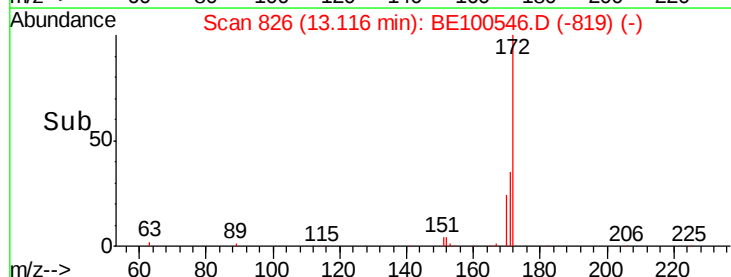
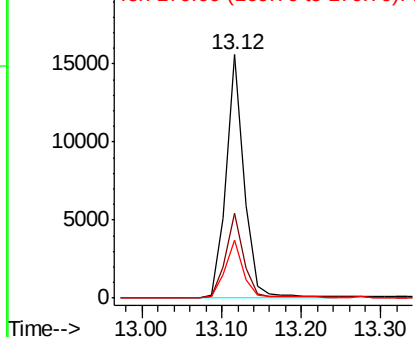


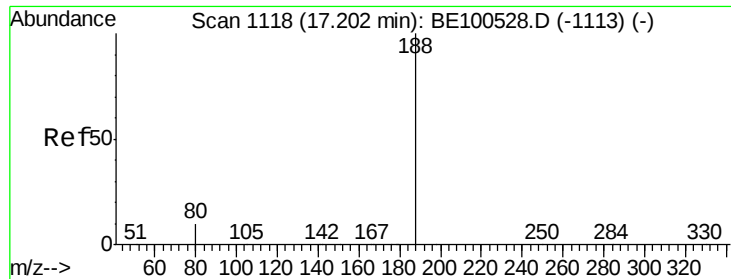
#15
 2-Fluorobiphenyl
 Concen: 0.409 ng
 RT: 13.12 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

Tgt Ion:172 Resp: 24351
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 23.9 19.4 29.0



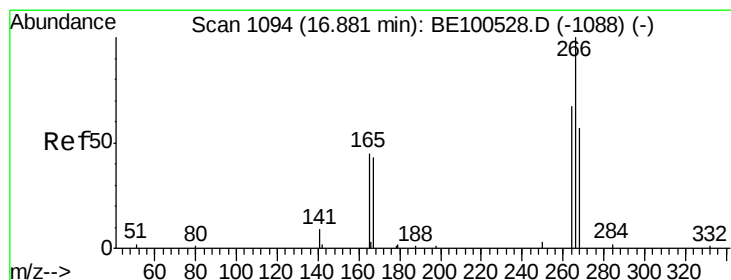
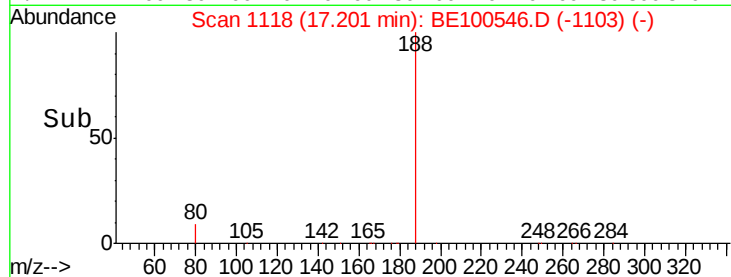
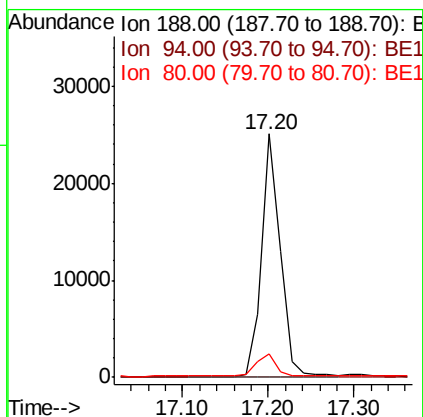
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





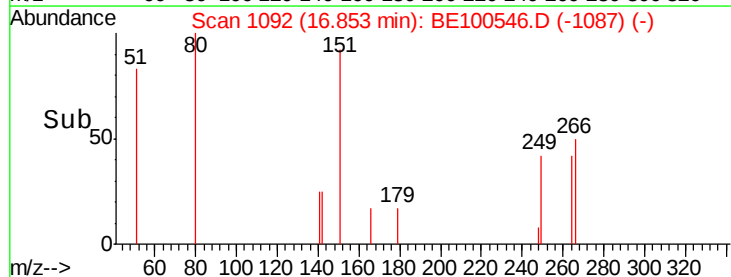
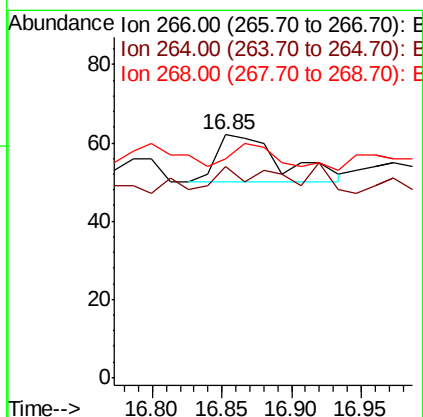
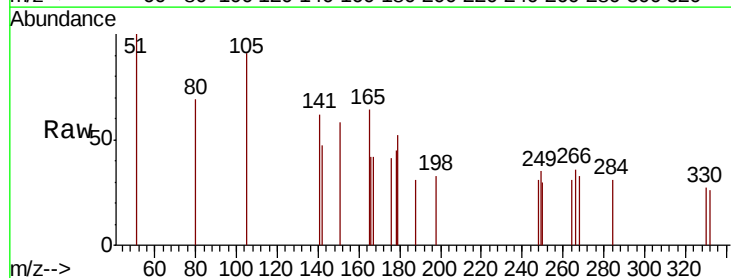
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100546.D
Acq: 23 Sep 2019 19:22

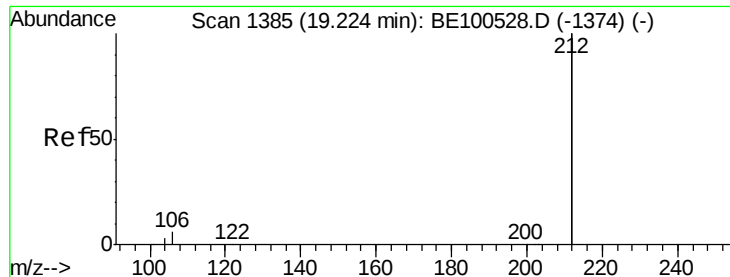
Tot Ion:188 Resp: 37887
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 8.0 12.0



#22
Pentachlorophenol
Concen: 0.182 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BE100546.D
Acq: 23 Sep 2019 19:22

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 87.1 57.6 86.4#
268 90.3 55.1 82.7#





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100546.D

Acq: 23 Sep 2019 19:22

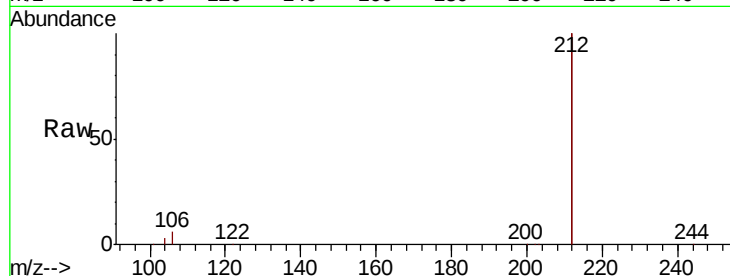
Tot Ion:212 Resp: 191327

Ion Ratio Lower Upper

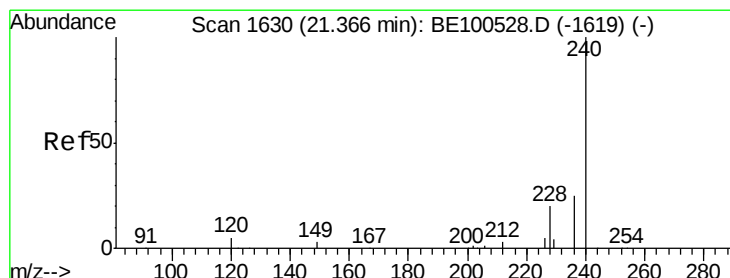
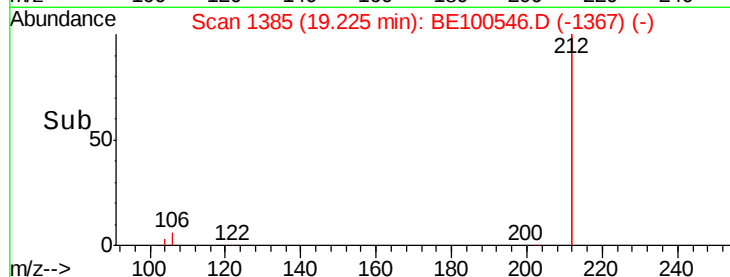
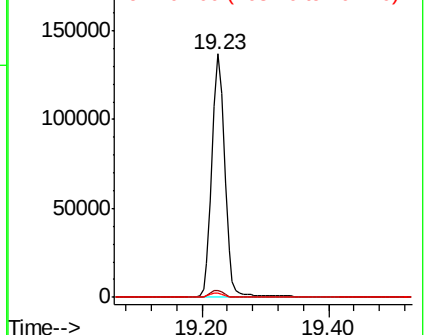
212 100

106 3.0 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: BE100546.D

Acq: 23 Sep 2019 19:22

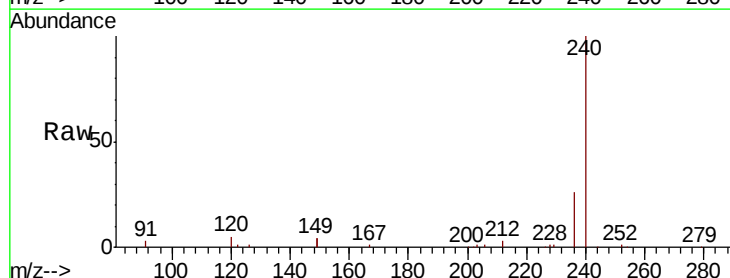
Tgt Ion:240 Resp: 41898

Ion Ratio Lower Upper

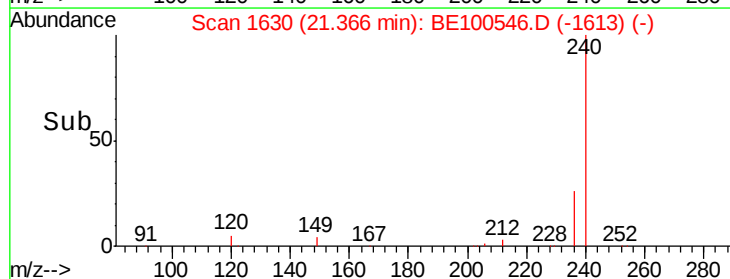
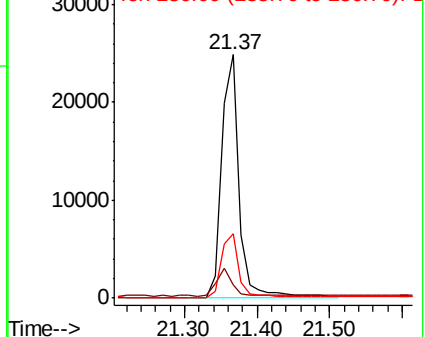
240 100

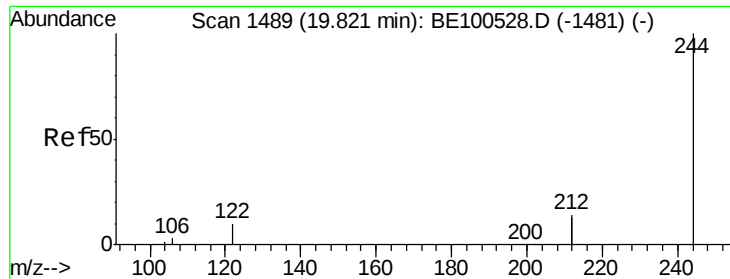
120 5.4 4.5 6.7

236 26.4 20.6 30.8



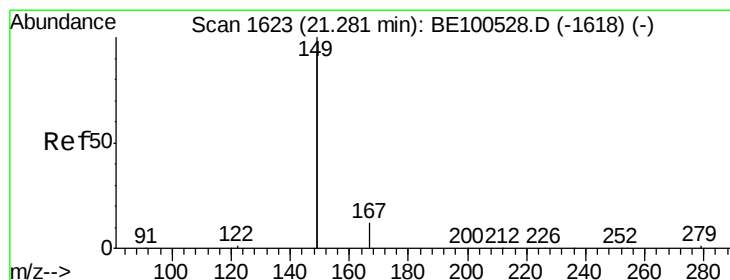
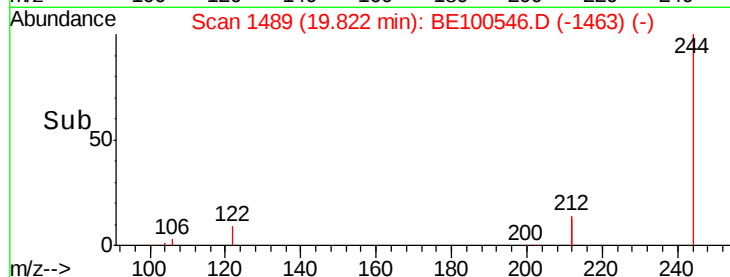
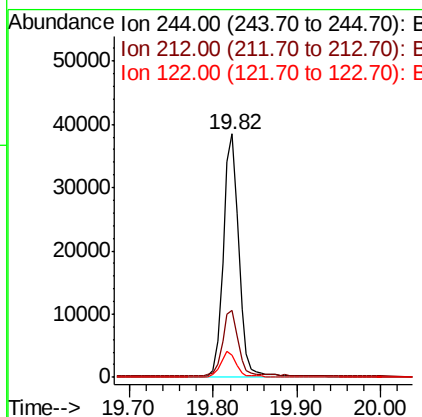
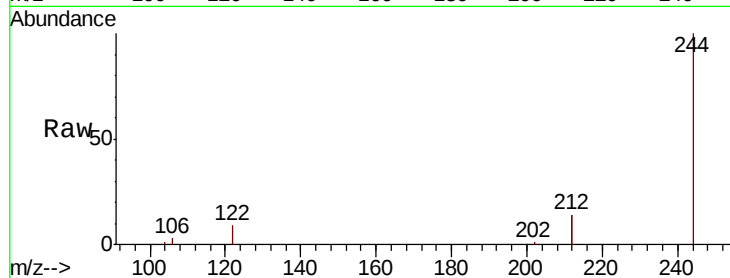
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





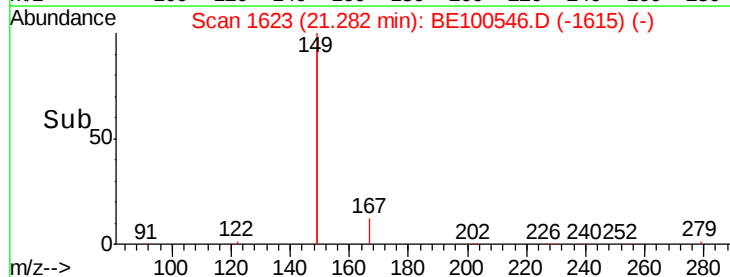
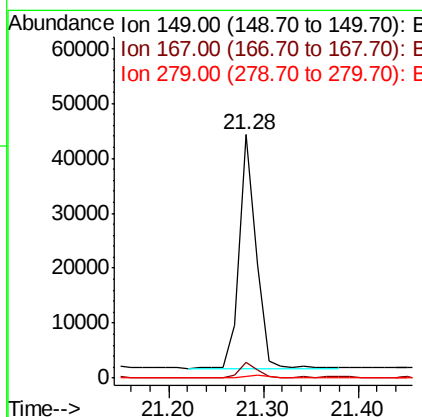
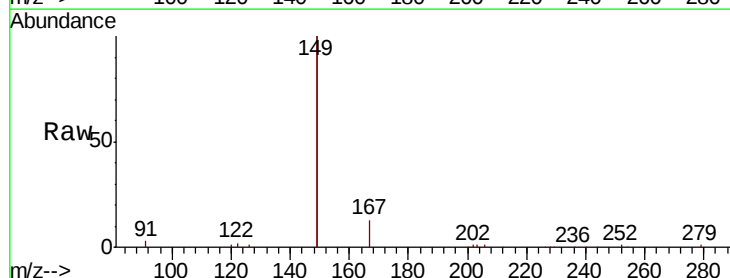
#29
 Terphenyl-d14
 Concen: 0.498 ng
 RT: 19.82 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

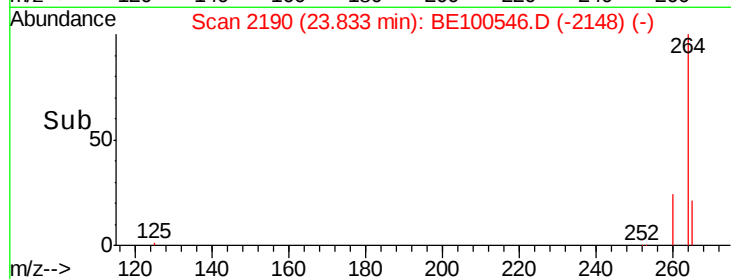
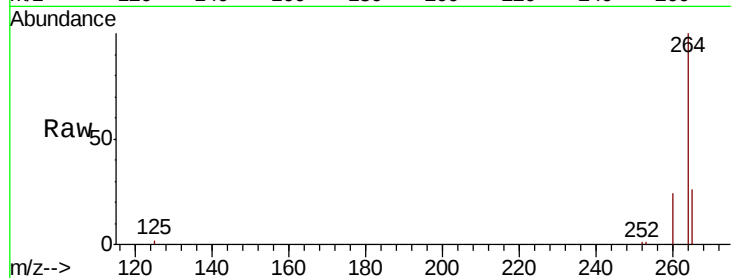
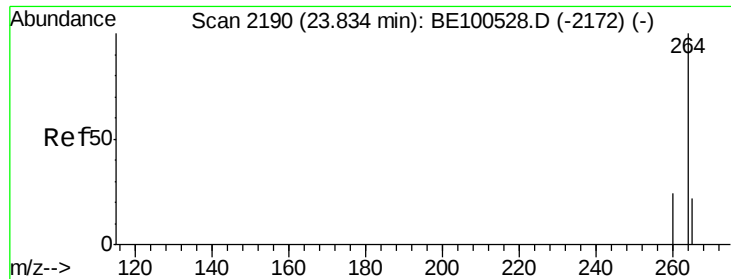
Tot Ion:244 Resp: 49453
 Ion Ratio Lower Upper
 244 100
 212 27.3 22.2 33.2
 122 9.1 8.3 12.5



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.437 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

Tgt Ion:149 Resp: 52673
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.2 7.8
 279 1.0 1.0 1.4





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BE100546.D
 Acq: 23 Sep 2019 19:22

Tot Ion:264	Resp:	47075
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.6 29.4
265	25.8	21.8 32.8

