

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100547.D
 Acq On : 23 Sep 2019 19:58
 Operator : HP/JU
 Sample : K4930-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 24 05:50:07 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

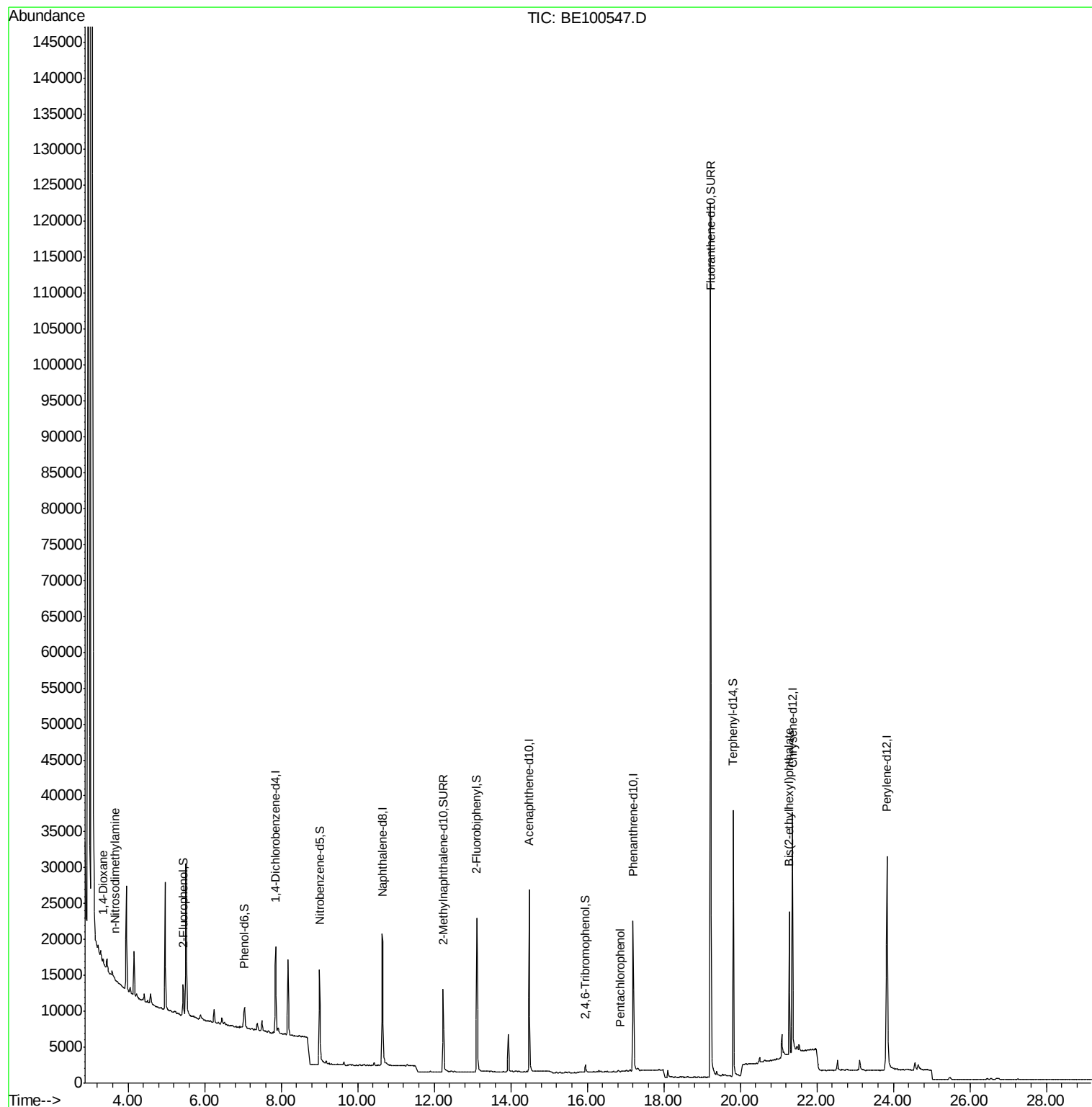
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6142	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	26708	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	14641	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	31641	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39810	0.40	ng	0.00
34) Perylene-d12	23.83	264	47023	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2720	0.19	ng	0.00
5) Phenol-d6	7.02	99	1872	0.10	ng	0.00
8) Nitrobenzene-d5	9.00	82	6239	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16035	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	696	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	20594	0.39	ng	0.00
25) Fluoranthene-d10	19.23	212	163190	0.43	ng	0.00
29) Terphenyl-d14	19.82	244	37054	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	485	0.055	ng	# 55
3) n-Nitrosodimethylamine	3.66	42	166	0.032	ng	# 1
22) Pentachlorophenol	16.85	266	5	0.173	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.28	149	22167	0.193	ng	100

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

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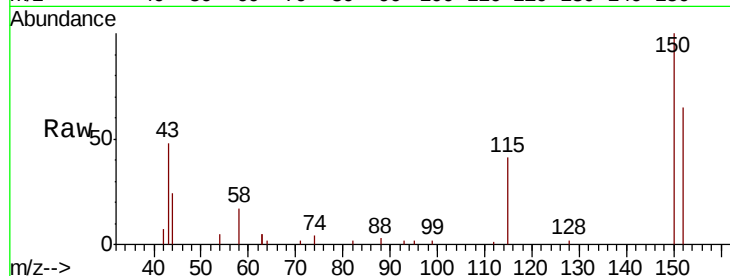




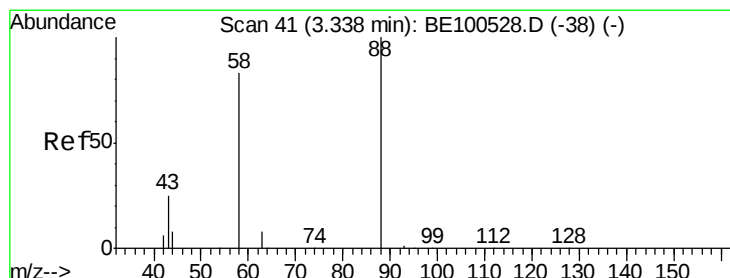
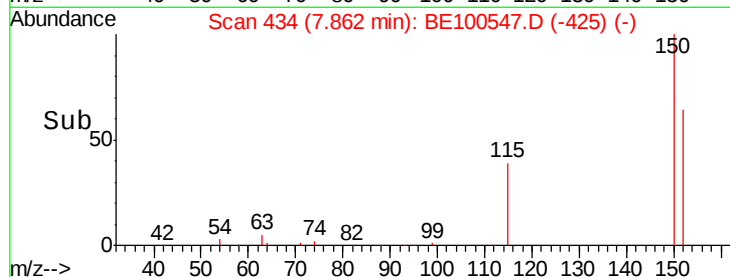
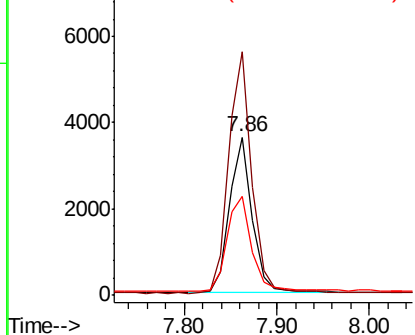
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100547.D
Acq: 23 Sep 2019 19:58

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.6	182.4
115	62.3	48.2	72.4



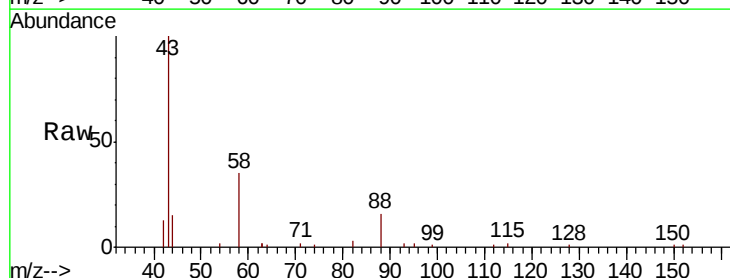
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



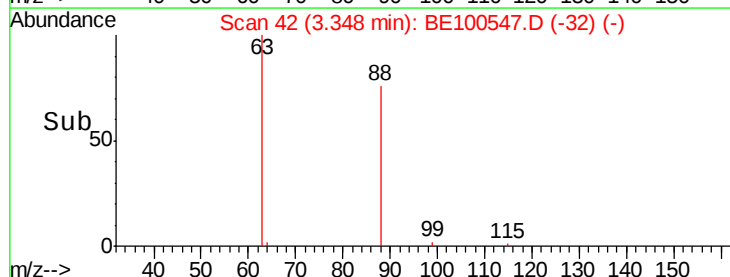
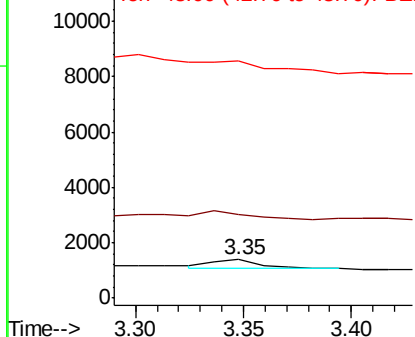
#2

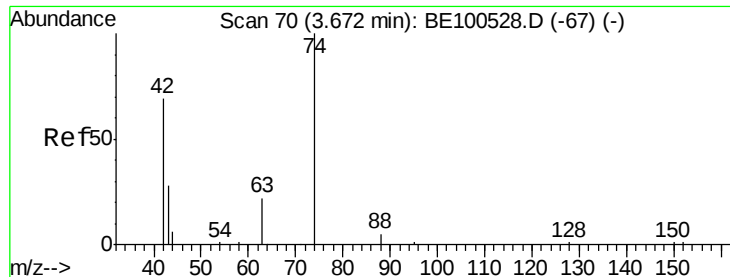
1,4-Dioxane
Concen: 0.055 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100547.D
Acq: 23 Sep 2019 19:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.1	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

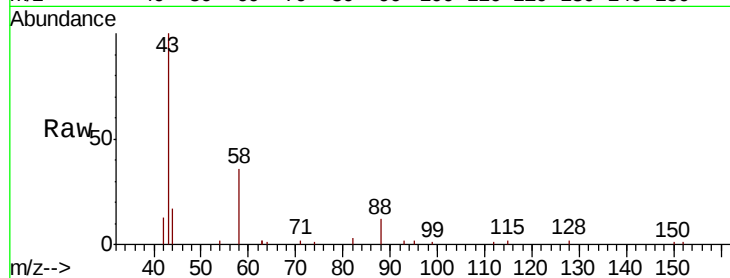




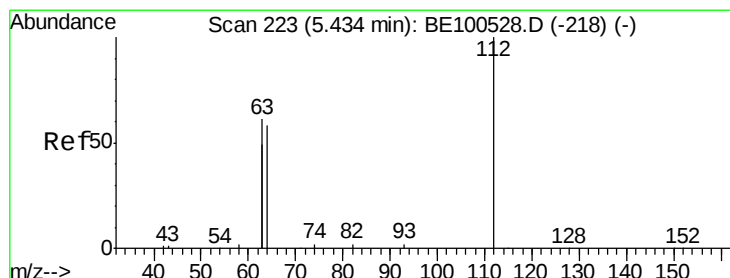
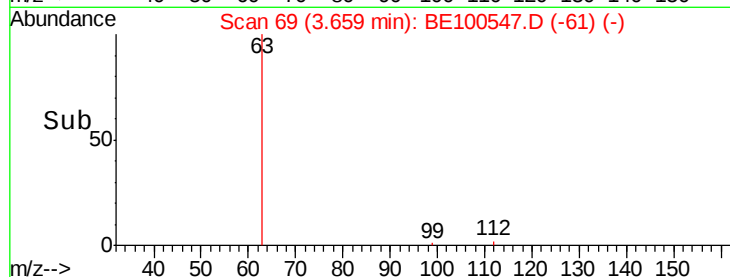
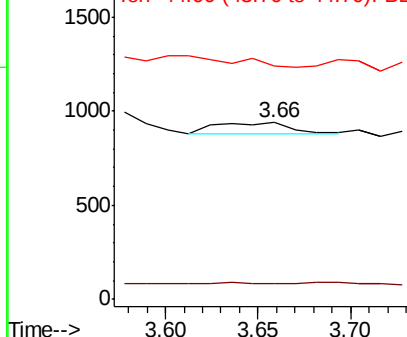
#3

n-Nitrosodimethylamine
 Concen: 0.032 ng
 RT: 3.66 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BE100547.D
 Acq: 23 Sep 2019 19:58

Tot Ion	42	Resp	166
Ion	Ratio	Lower	Upper
42	100		
74	0.0	133.8	200.6#
44	0.0	6.4	9.6#



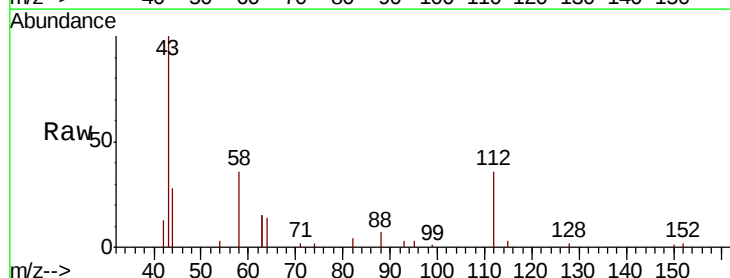
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



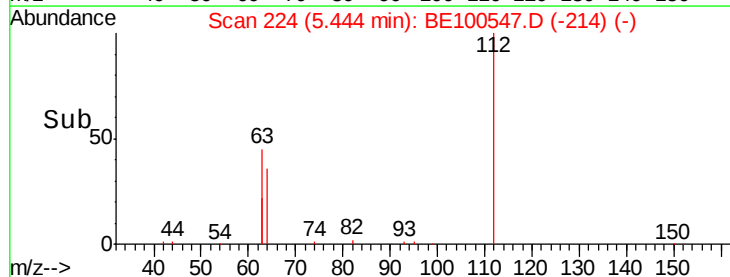
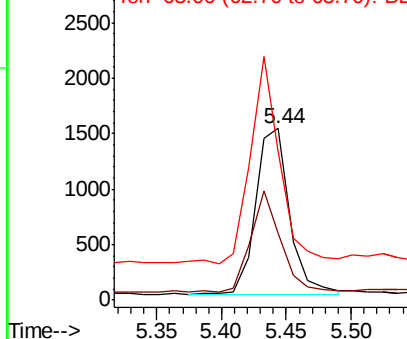
#4

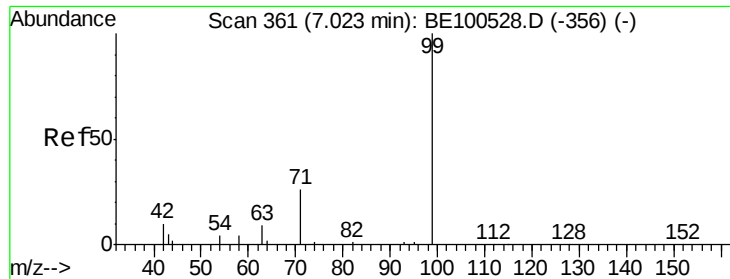
2-Fluorophenol
 Concen: 0.189 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: BE100547.D
 Acq: 23 Sep 2019 19:58

Tgt Ion	112	Resp	2720
Ion	Ratio	Lower	Upper
112	100		
64	53.6	44.1	66.1
63	108.2	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: 0.095 ng

RT: 7.02 min Scan# 361

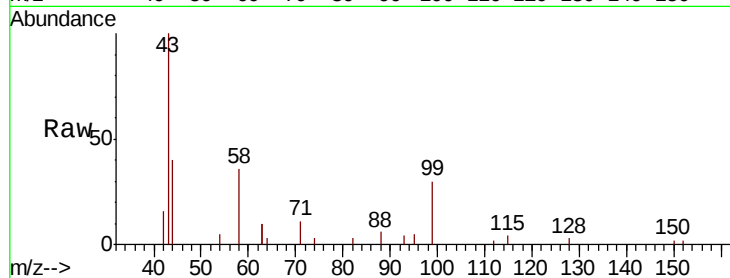
Delta R.T. -0.00 min

Lab File: BE100547.D

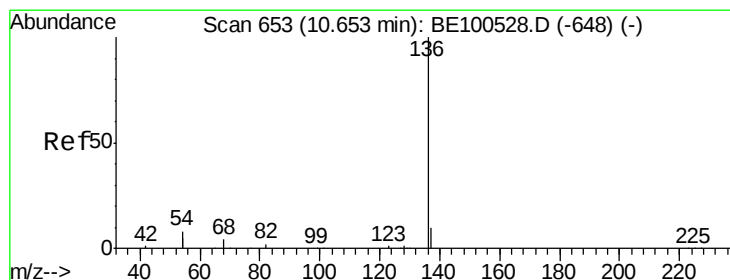
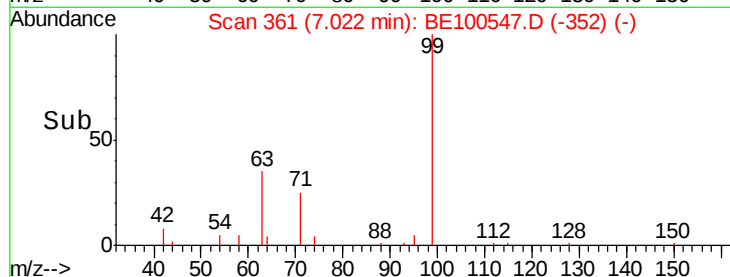
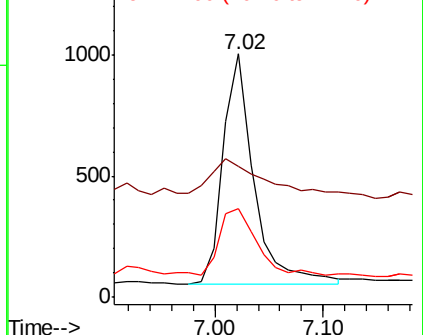
Acq: 23 Sep 2019 19:58

Tot Ion: 99 Resp: 1872

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.0	19.6#
71	34.8	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

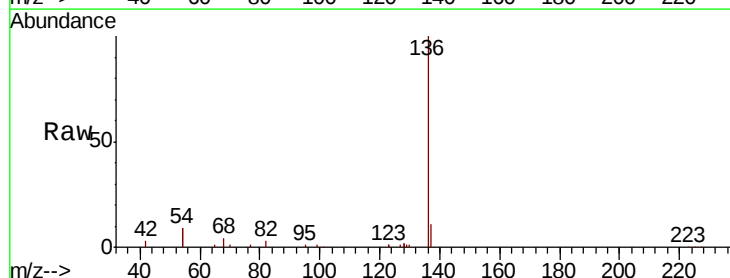
Delta R.T. -0.00 min

Lab File: BE100547.D

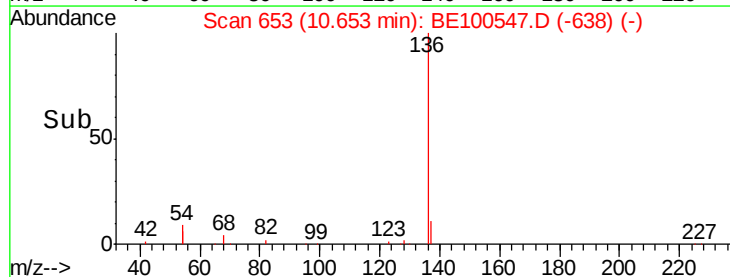
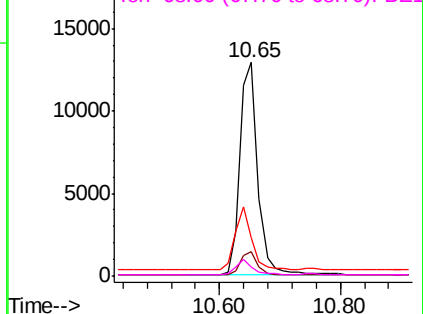
Acq: 23 Sep 2019 19:58

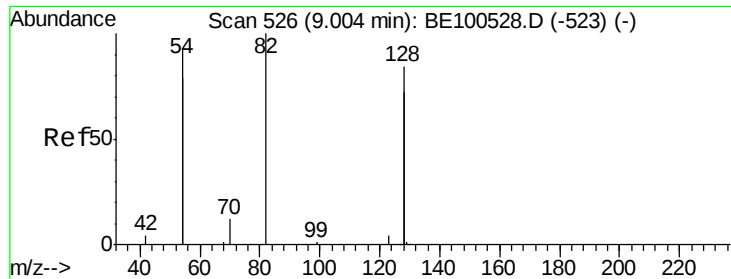
Tgt Ion: 136 Resp: 26708

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	17.7	12.4	18.6
68	4.4	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: 0.405 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

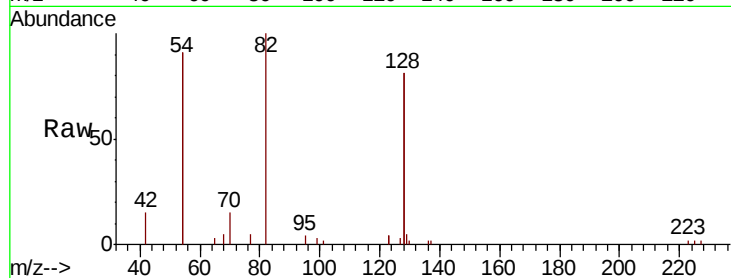
Tot Ion: 82 Resp: 6239

Ion Ratio Lower Upper

82 100

128 162.3 129.4 194.2

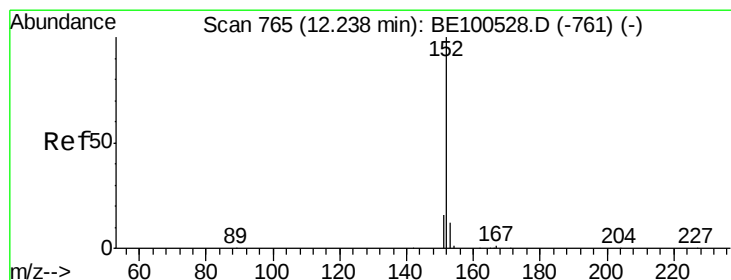
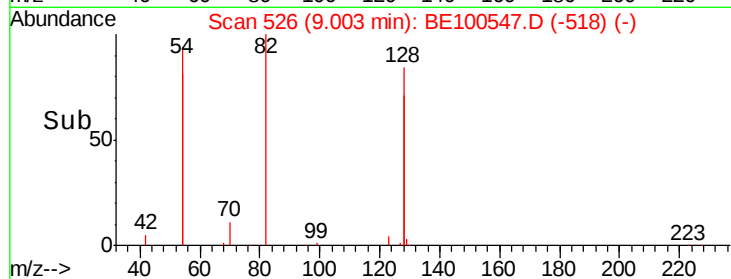
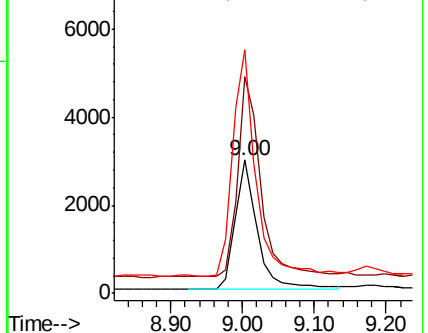
54 182.6 143.3 214.9



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: 0.401 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE100547.D

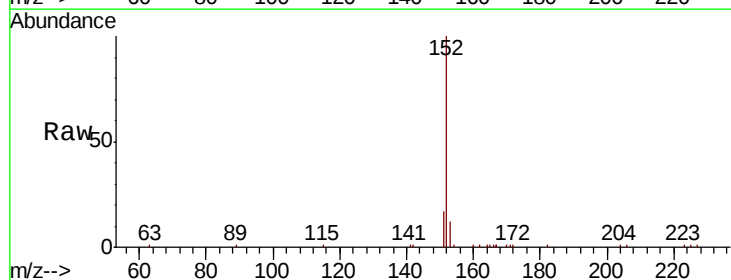
Acq: 23 Sep 2019 19:58

Tgt Ion: 152 Resp: 16035

Ion Ratio Lower Upper

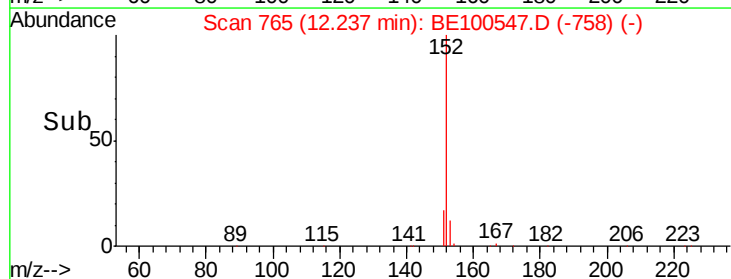
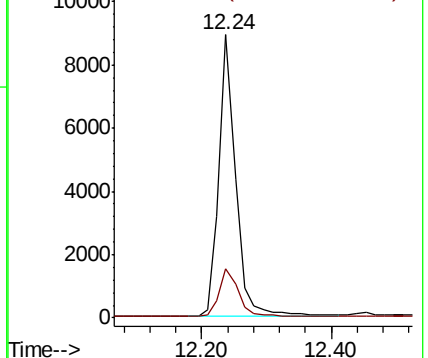
152 100

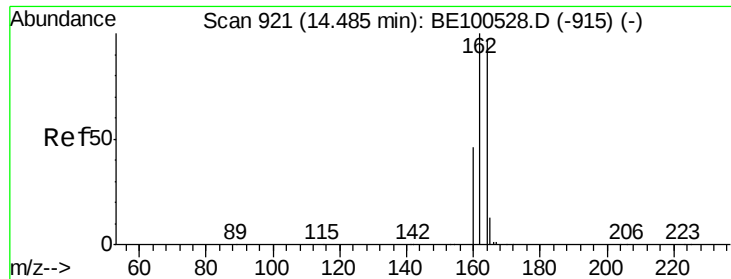
151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BE1

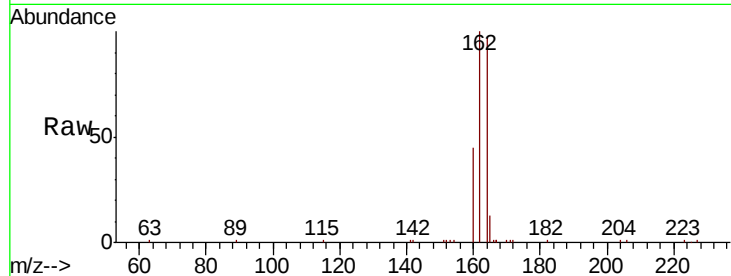
Ion 151.00 (150.70 to 151.70): BE1



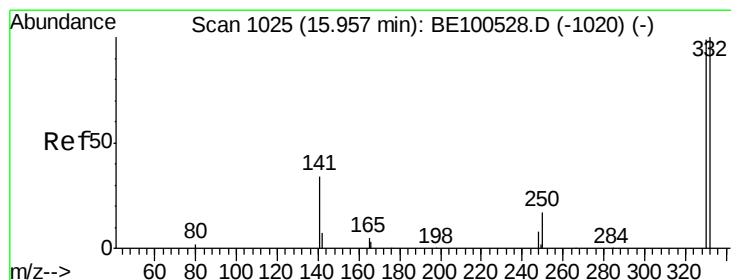
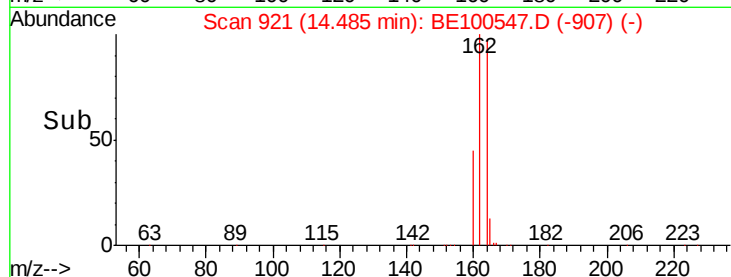
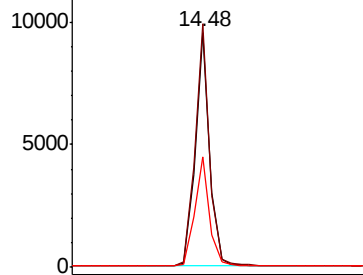


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100547.D
Acq: 23 Sep 2019 19:58

Tot Ion:164 Resp: 14641
Ion Ratio Lower Upper
164 100
162 103.6 82.1 123.1
160 46.9 37.6 56.4

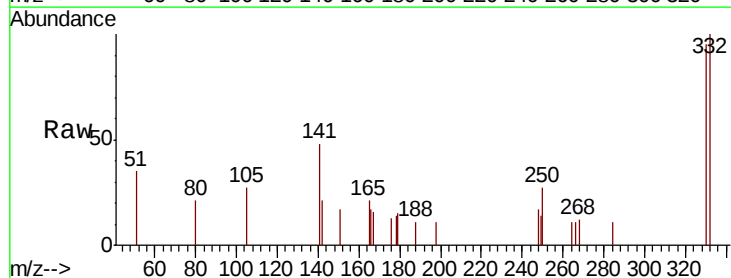


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

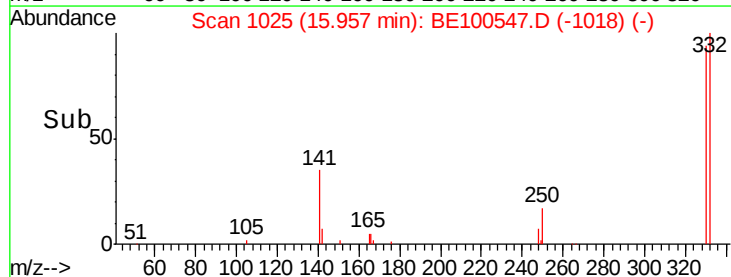
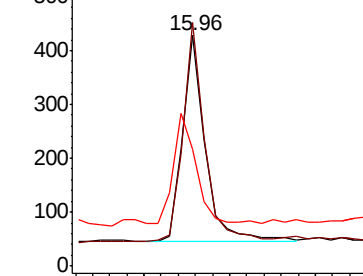


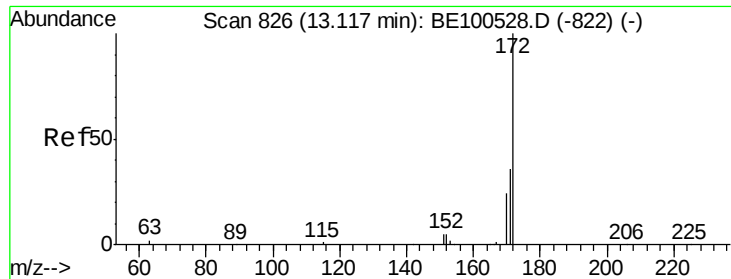
#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100547.D
Acq: 23 Sep 2019 19:58

Tgt Ion:330 Resp: 696
Ion Ratio Lower Upper
330 100
332 102.4 75.5 113.3
141 53.3 42.3 63.5



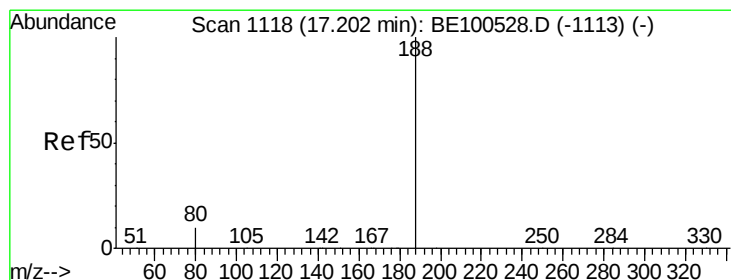
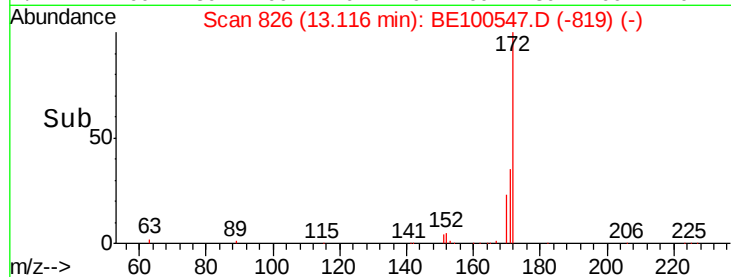
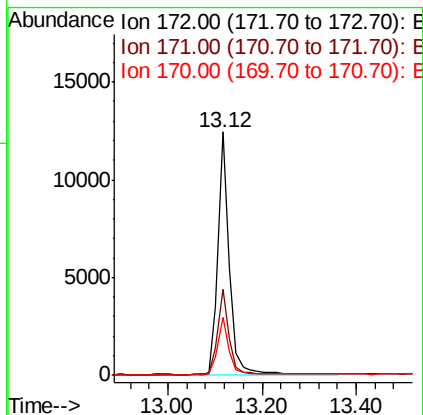
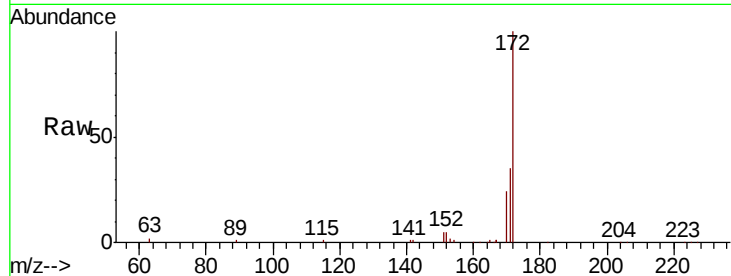
Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





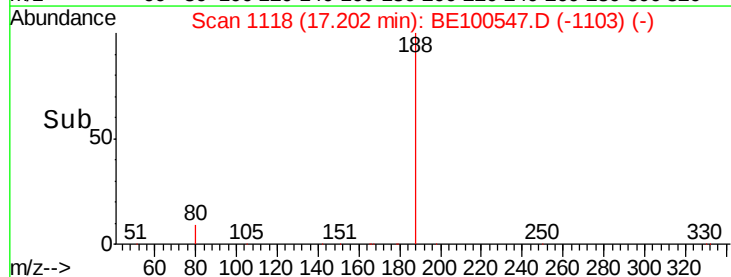
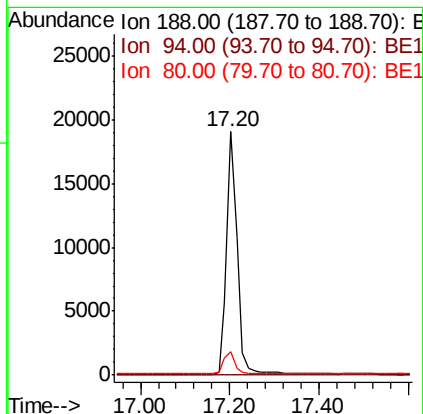
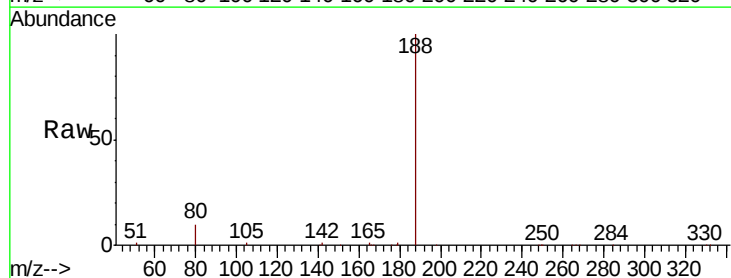
#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.12 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE100547.D
 Acq: 23 Sep 2019 19:58

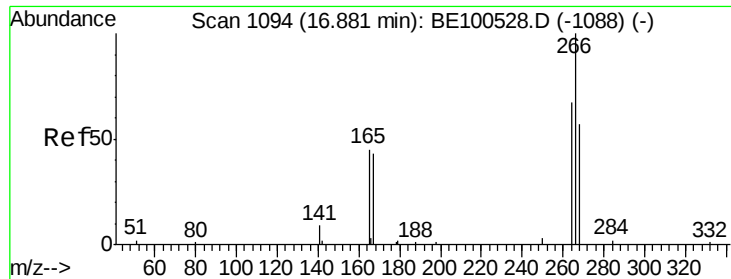
Tot Ion:172 Resp: 20594
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.7 19.4 29.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BE100547.D
 Acq: 23 Sep 2019 19:58

Tgt Ion:188 Resp: 31641
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.8 8.0 12.0





#22

Pentachlorophenol

Concen: 0.173 ng

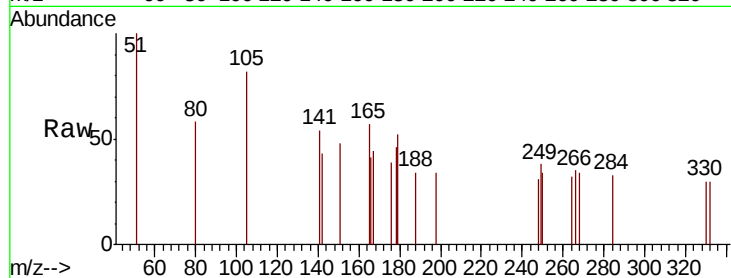
RT: 16.85 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

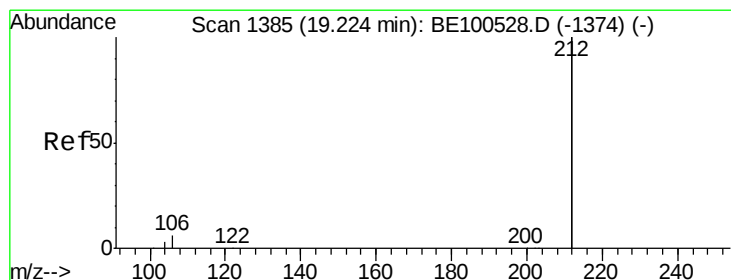
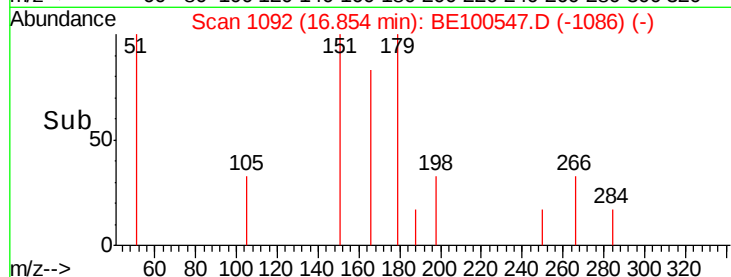
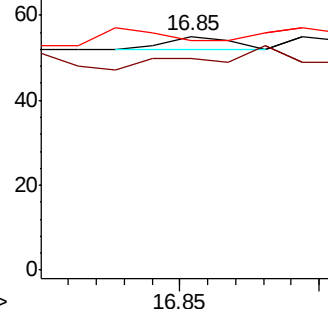
Tot Ion:266	Resp: 5
Ion Ratio	Lower Upper
266 100	
264 90.9	57.6 86.4#
268 98.2	55.1 82.7#



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: 0.434 ng

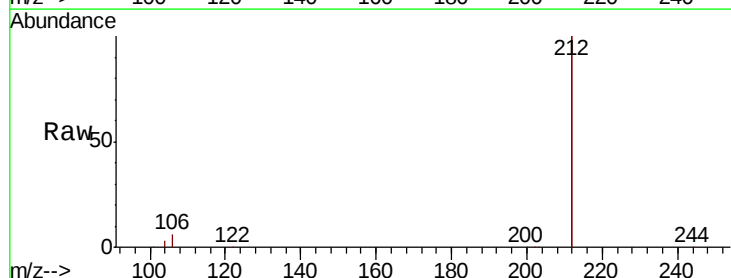
RT: 19.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

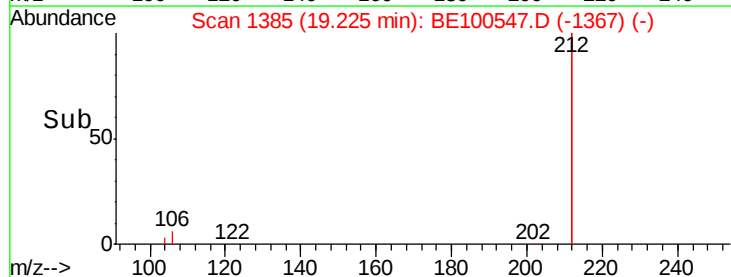
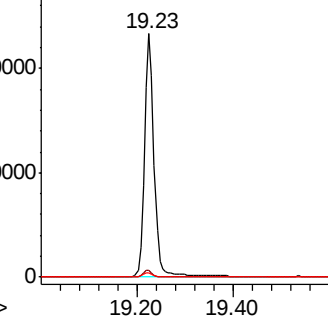
Tgt	Ion:212	Resp:	163190
Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

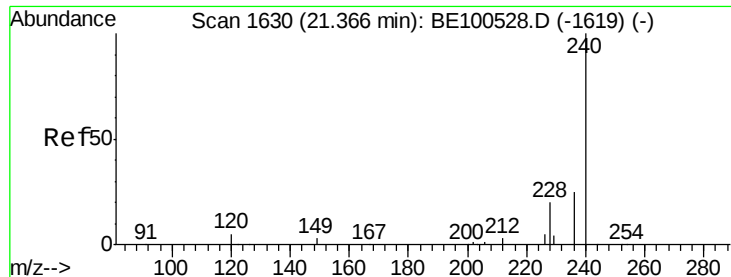


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

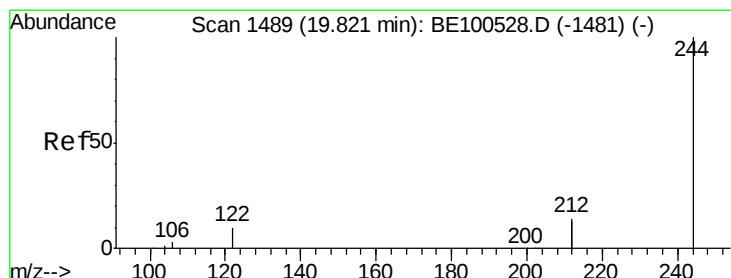
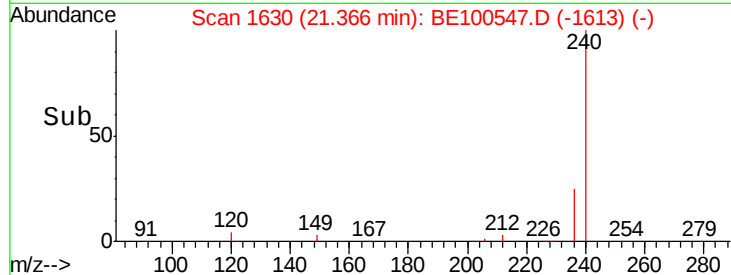
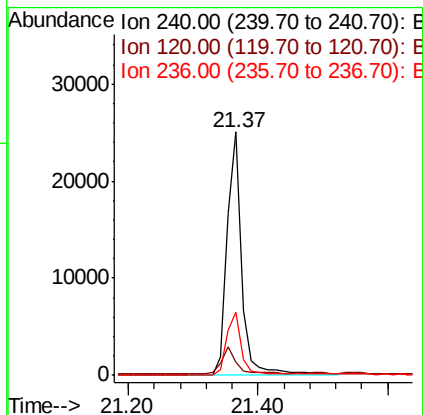
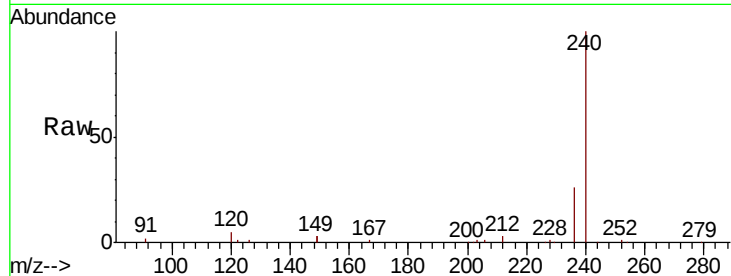
Ion 104.00 (103.70 to 104.70): E





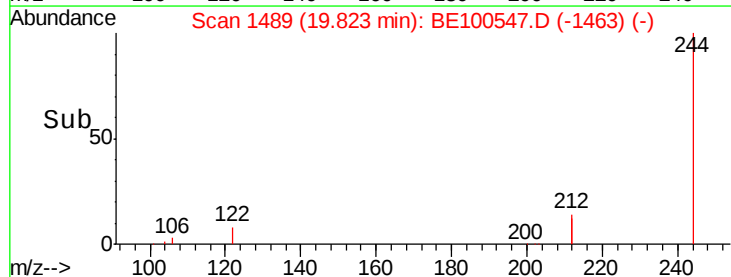
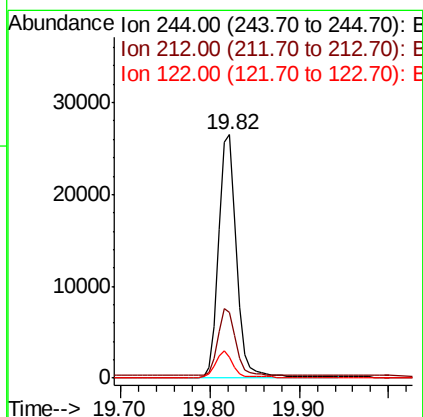
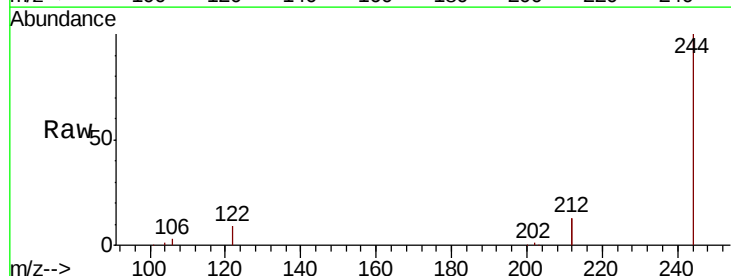
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE100547.D
 Acq: 23 Sep 2019 19:58

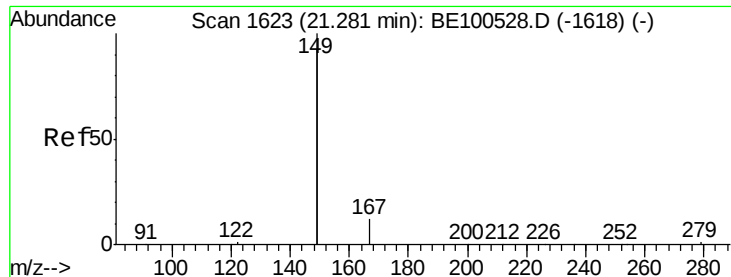
Tot Ion:240 Resp: 39810
 Ion Ratio Lower Upper
 240 100
 120 5.3 4.5 6.7
 236 25.7 20.6 30.8



#29
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.82 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BE100547.D
 Acq: 23 Sep 2019 19:58

Tgt Ion:244 Resp: 37054
 Ion Ratio Lower Upper
 244 100
 212 27.0 22.2 33.2
 122 8.7 8.3 12.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.193 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

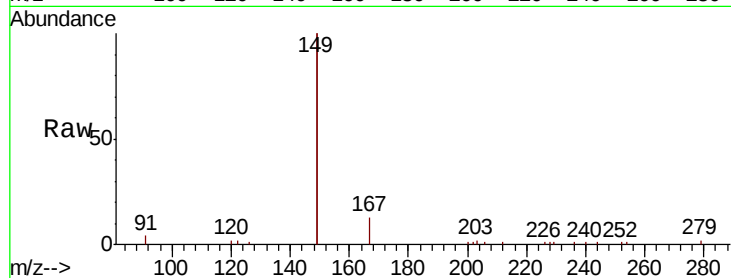
Tot Ion:149 Resp: 22167

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

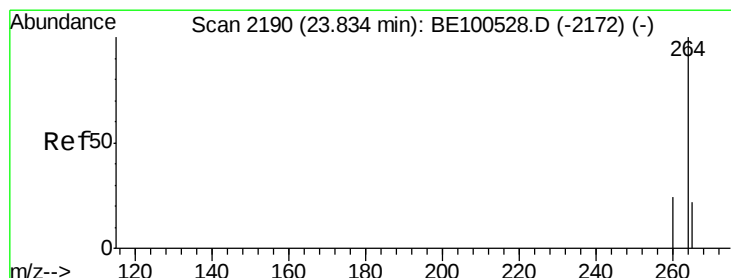
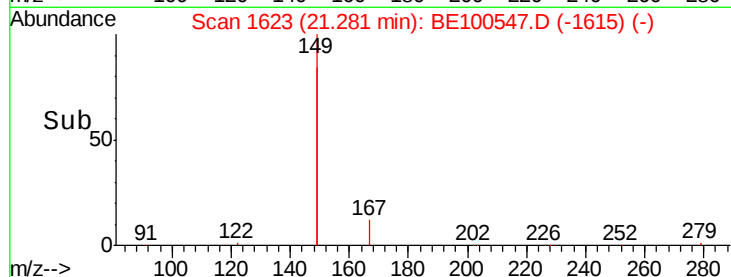
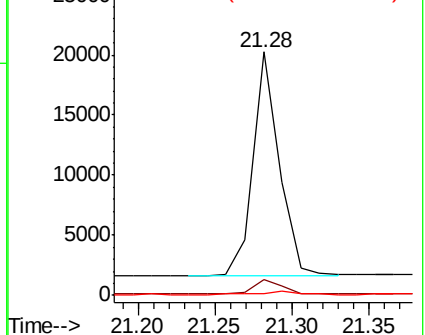
279 1.3 1.0 1.4



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: 23.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

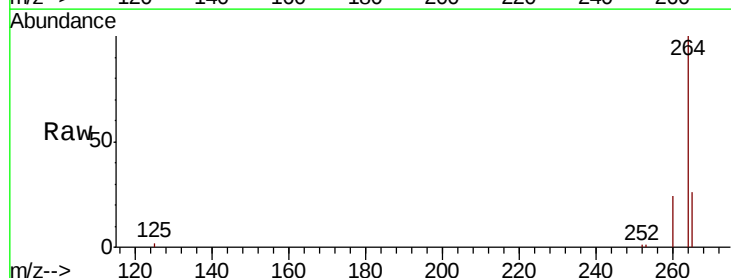
Tgt Ion:264 Resp: 47023

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 26.0 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

