

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100545.D
 Acq On : 23 Sep 2019 18:46
 Operator : HP/JU
 Sample : K4930-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 24 05:49:54 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	5706	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	25400	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	14348	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	31610	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39290	0.40	ng	0.00
34) Perylene-d12	23.83	264	44534	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.43	112	2671	0.20	ng	0.00
5) Phenol-d6	7.02	99	1978	0.11	ng	0.00
8) Nitrobenzene-d5	9.00	82	6389	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	15818	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1192	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	20925	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	183427	0.49	ng	0.00
29) Terphenyl-d14	19.82	244	43030	0.46	ng	0.00

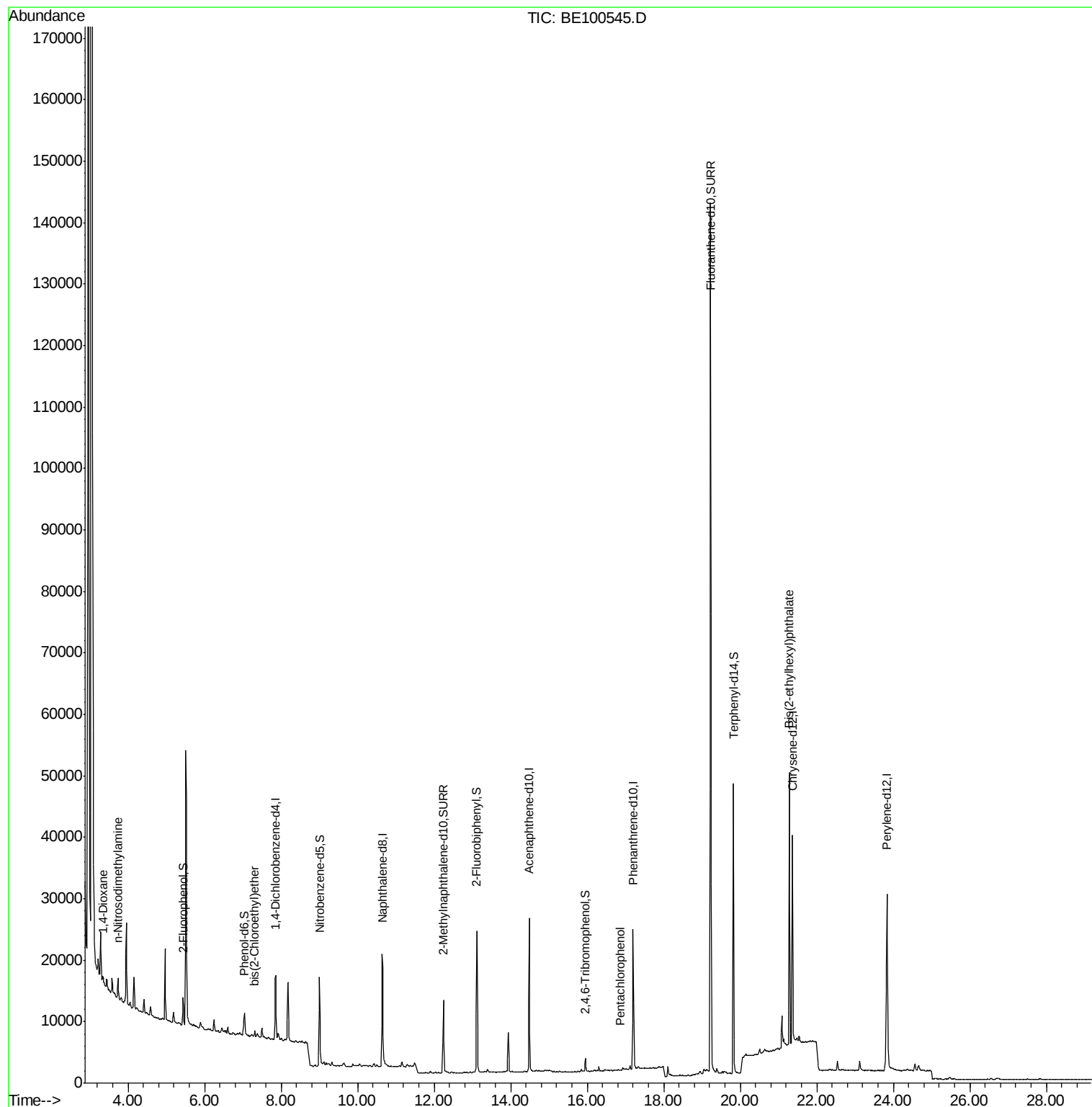
Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	707	0.086	ng	# 73
3) n-Nitrosodimethylamine	3.73	42	254	0.053	ng	# 1
6) bis(2-Chloroethyl)ether	7.31	93	1231	0.067	ng	# 1
22) Pentachlorophenol	16.85	266	30	0.182	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.28	149	51944	0.459	ng	100

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

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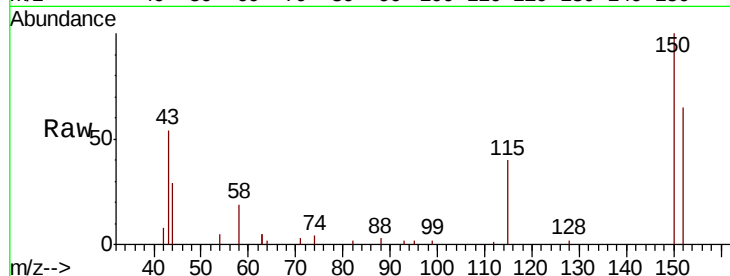




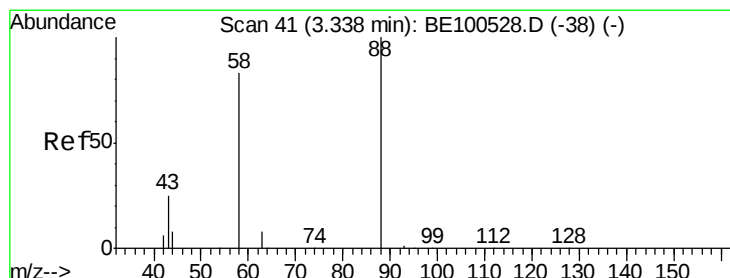
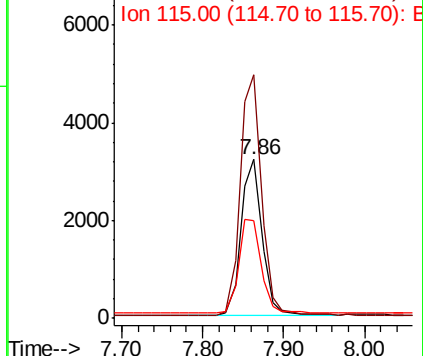
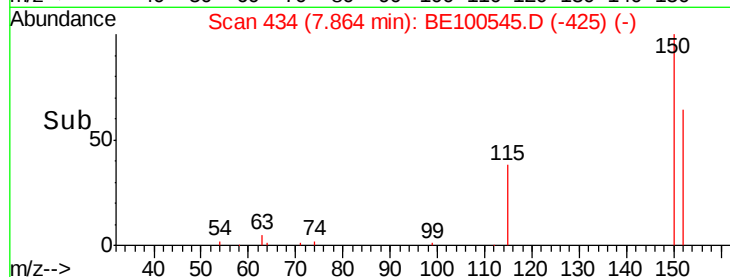
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100545.D
Acq: 23 Sep 2019 18:46

Tot Ion:152 Resp: 5706
Ion Ratio Lower Upper
152 100
150 153.5 121.6 182.4
115 61.4 48.2 72.4



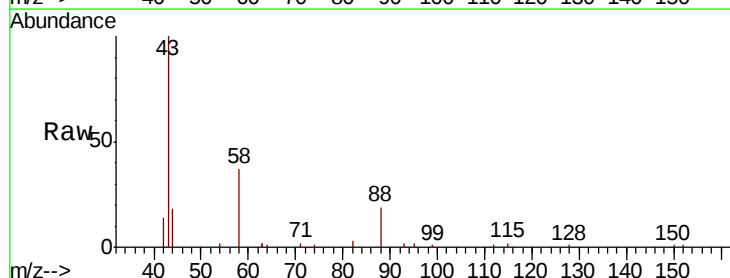
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



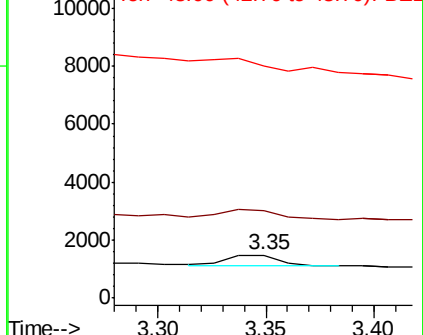
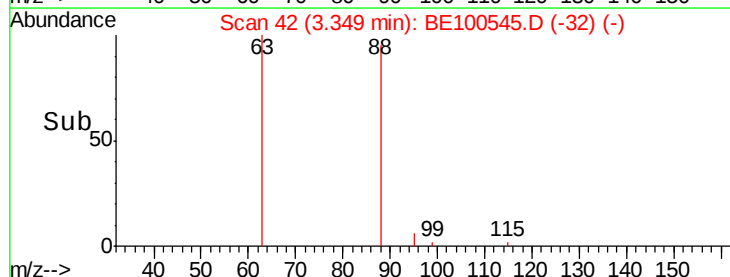
#2

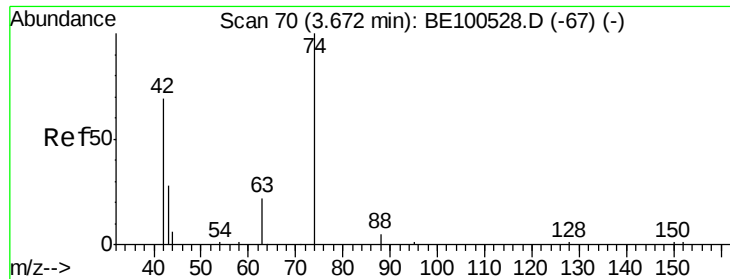
1,4-Dioxane
Concen: 0.086 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100545.D
Acq: 23 Sep 2019 18:46

Tgt Ion: 88 Resp: 707
Ion Ratio Lower Upper
88 100
58 84.0 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

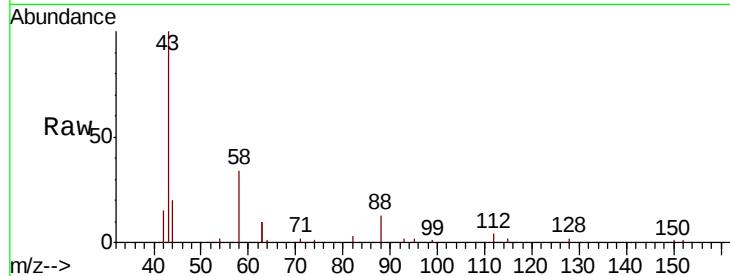




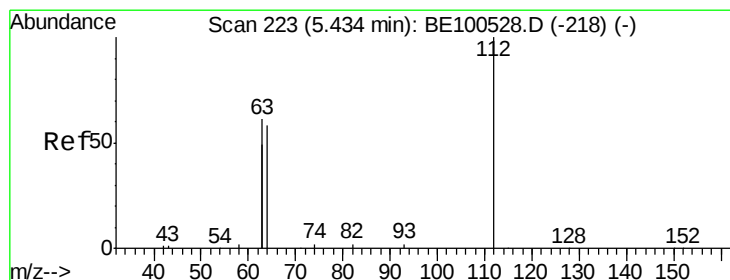
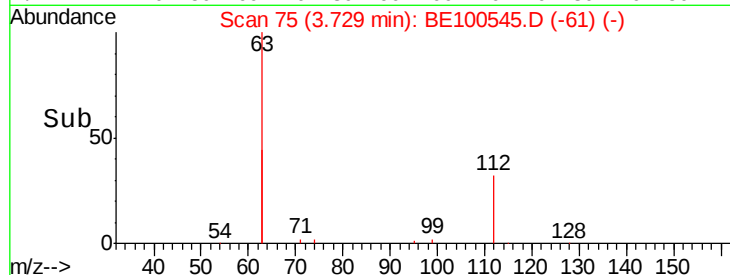
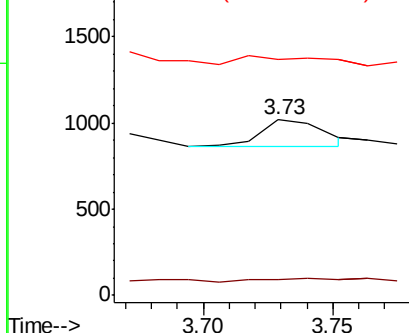
#3

n-Nitrosodimethylamine
 Concen: 0.053 ng
 RT: 3.73 min Scan# 75
 Delta R.T. 0.06 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

Tot Ion	42	Resp	254
Ion Ratio	Lower	Upper	
42	100		
74	0.0	133.8	200.6#
44	37.0	6.4	9.6#



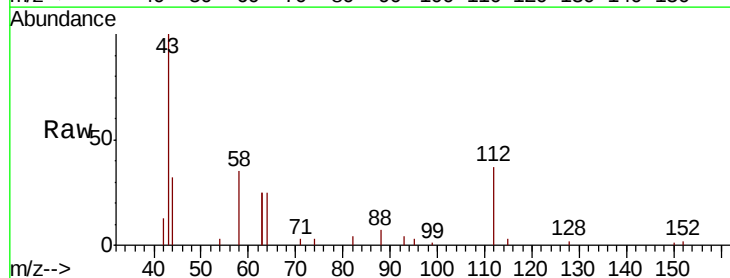
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



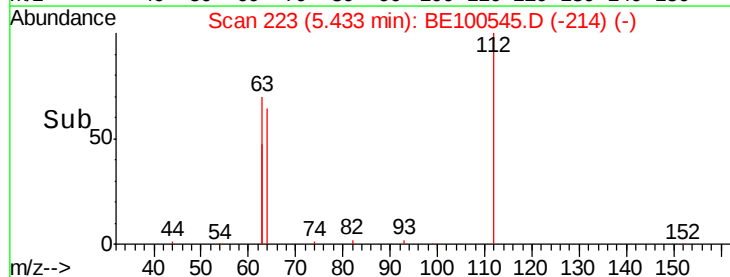
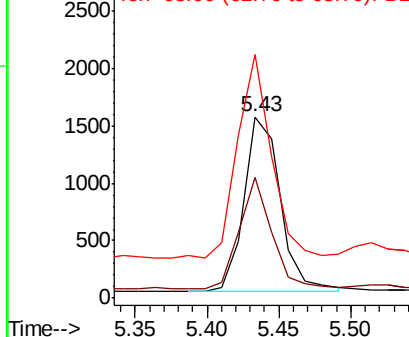
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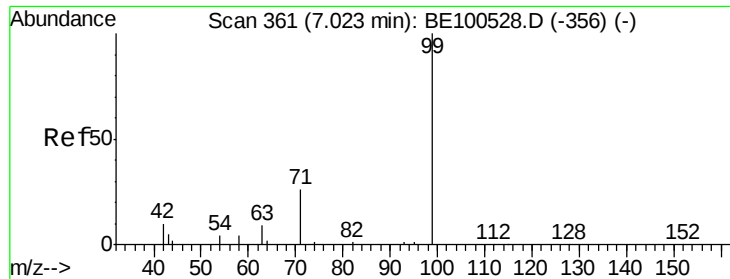
2-Fluorophenol
 Concen: 0.200 ng
 RT: 5.43 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

Tgt Ion	112	Resp	2671
Ion Ratio	Lower	Upper	
112	100		
64	56.7	44.1	66.1
63	107.8	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: 0.108 ng

RT: 7.02 min Scan# 361

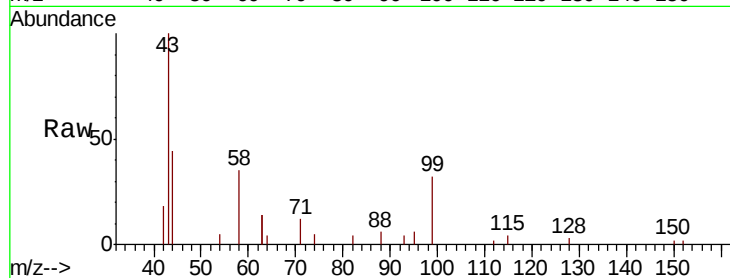
Delta R.T. -0.00 min

Lab File: BE100545.D

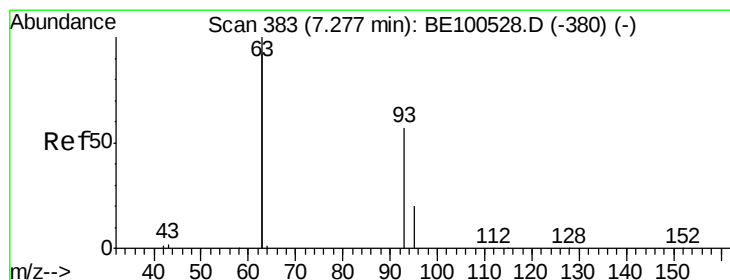
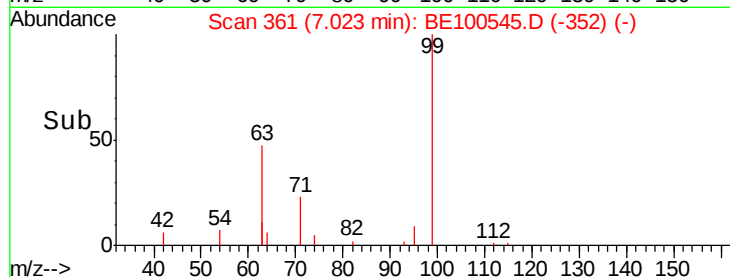
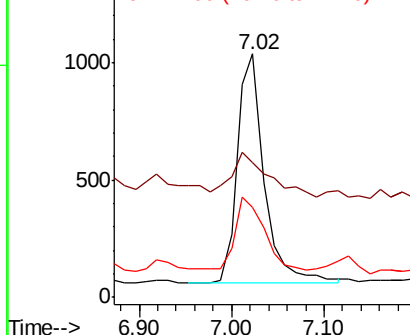
Acq: 23 Sep 2019 18:46

Tot Ion: 99 Resp: 1978

Ion	Ratio	Lower	Upper
99	100		
42	25.7	13.0	19.6#
71	33.5	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: 0.067 ng

RT: 7.31 min Scan# 386

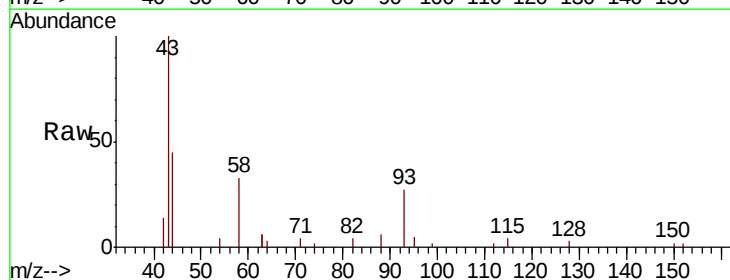
Delta R.T. 0.03 min

Lab File: BE100545.D

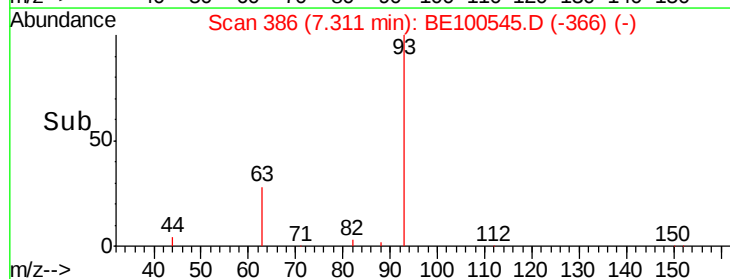
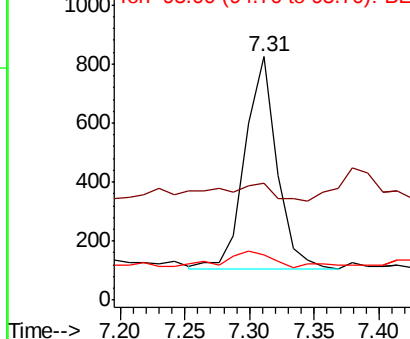
Acq: 23 Sep 2019 18:46

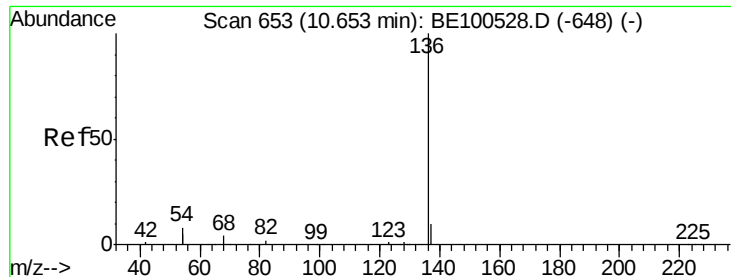
Tgt Ion: 93 Resp: 1231

Ion	Ratio	Lower	Upper
93	100		
63	0.0	213.4	320.0#
95	11.9	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: BE100545.D

Acq: 23 Sep 2019 18:46

Tot Ion:136 Resp: 25400

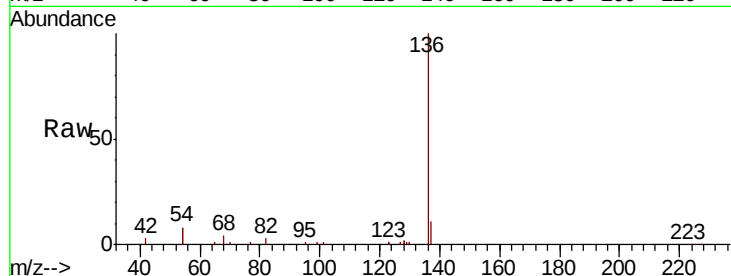
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 16.7 12.4 18.6

68 4.1 3.3 4.9

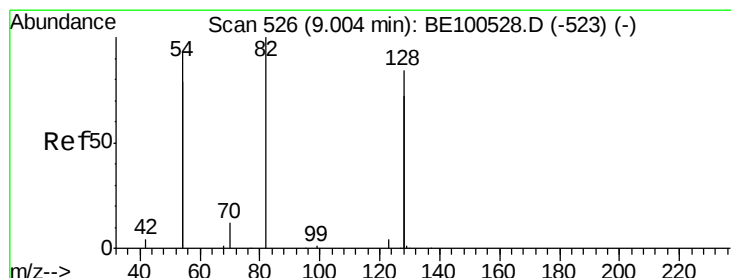
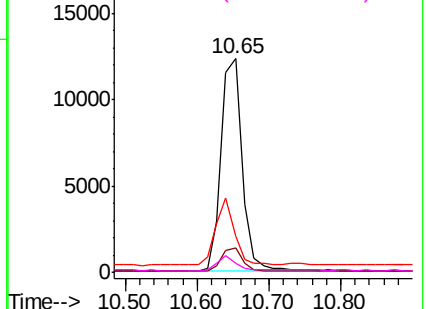
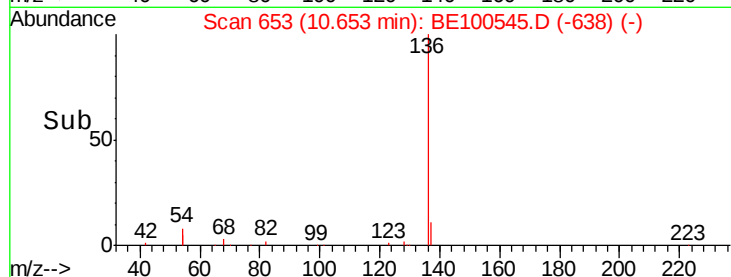


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.436 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100545.D

Acq: 23 Sep 2019 18:46

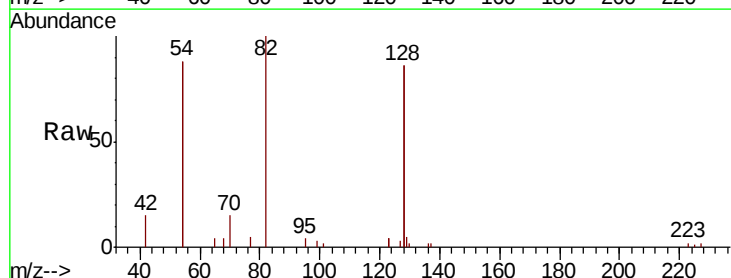
Tgt Ion: 82 Resp: 6389

Ion Ratio Lower Upper

82 100

128 171.0 129.4 194.2

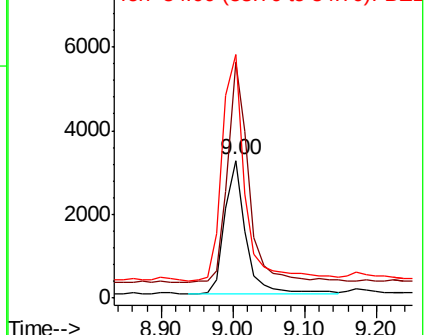
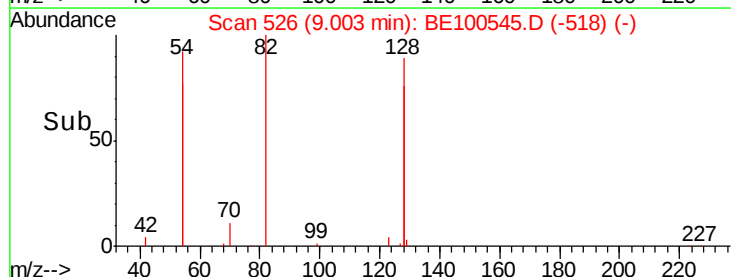
54 176.9 143.3 214.9

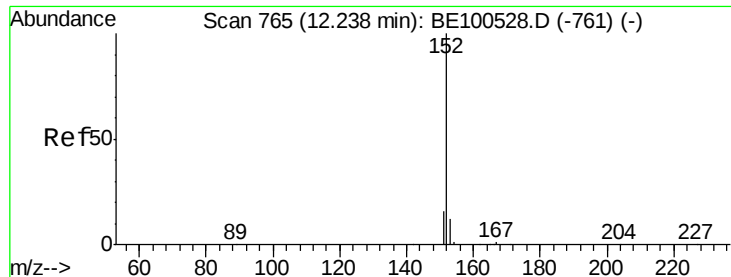


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

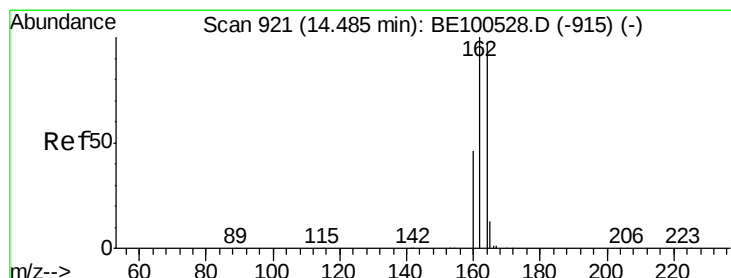
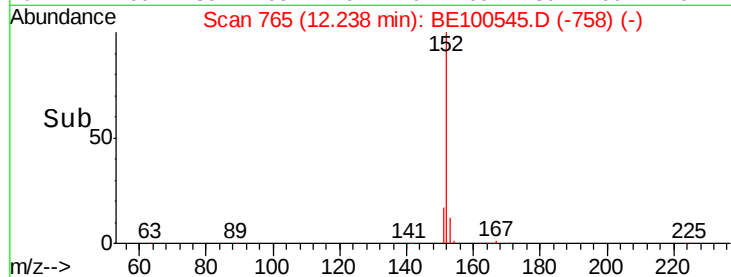
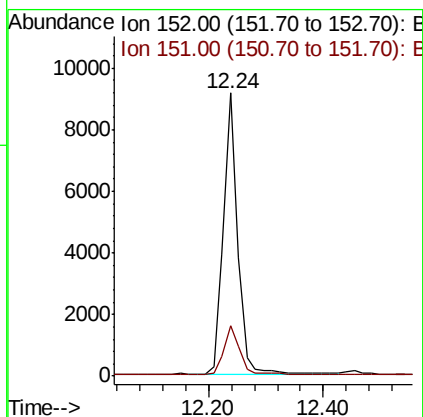
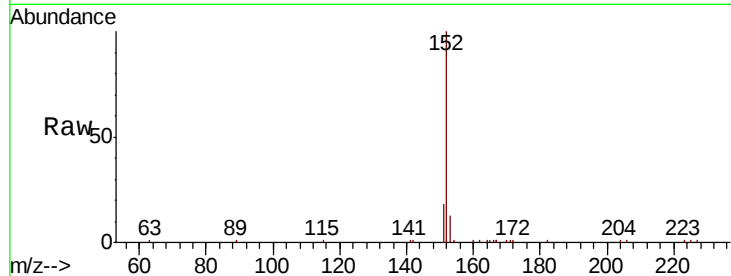
Ion 54.00 (53.70 to 54.70): BE1





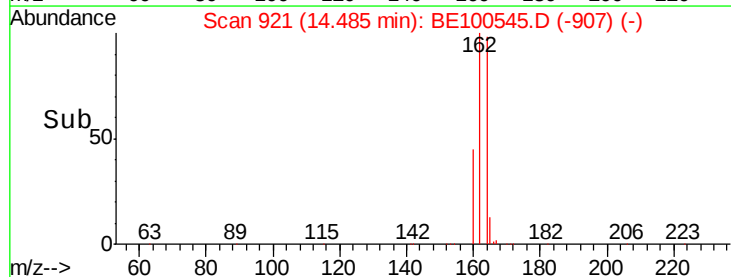
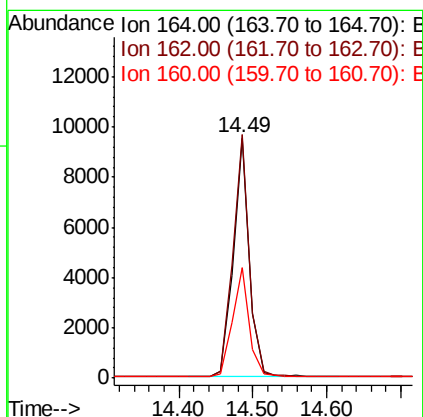
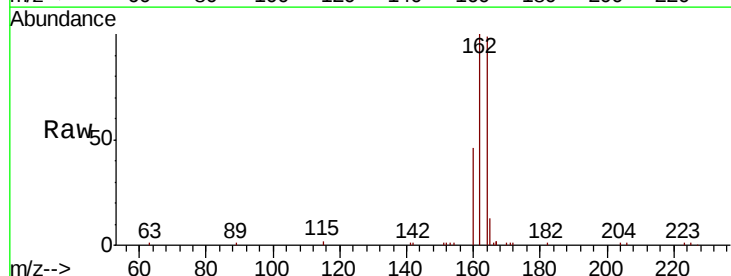
#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

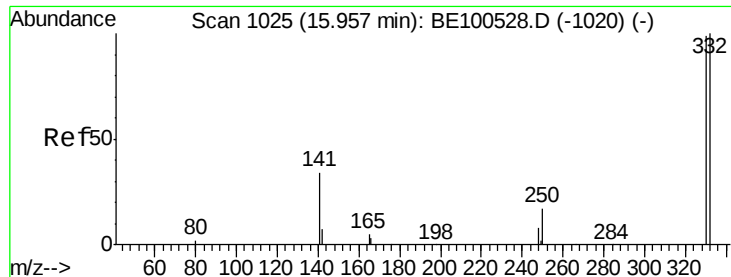
Tot Ion:152 Resp: 15818
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

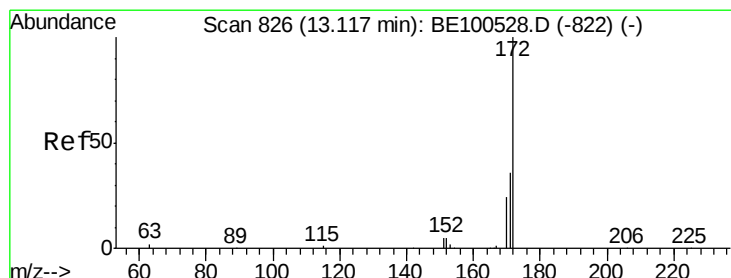
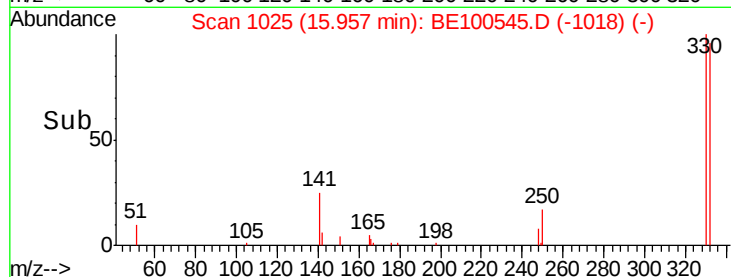
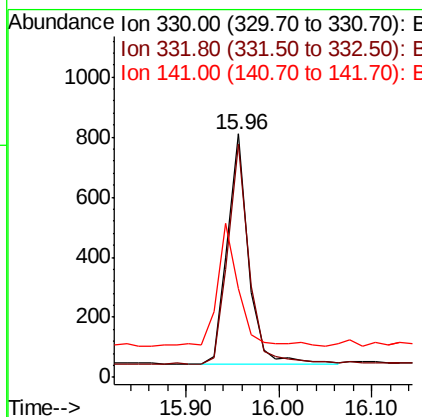
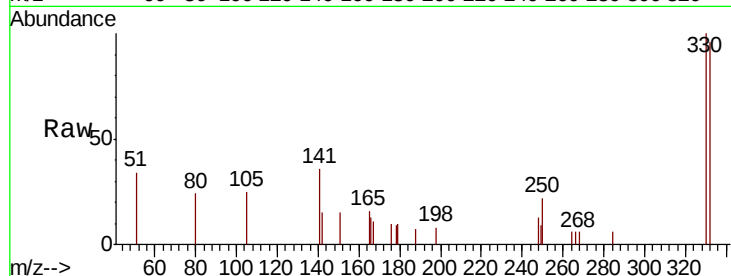
Tgt Ion:164 Resp: 14348
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.1 123.1
 160 46.3 37.6 56.4





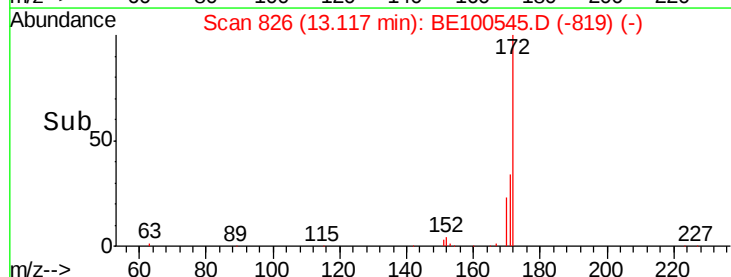
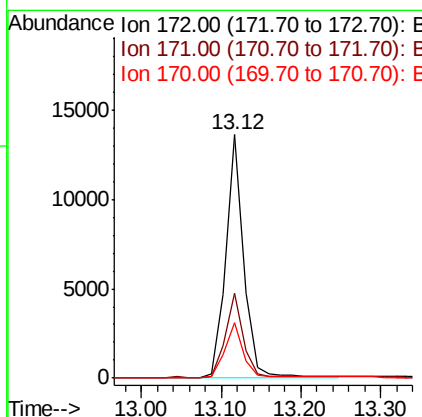
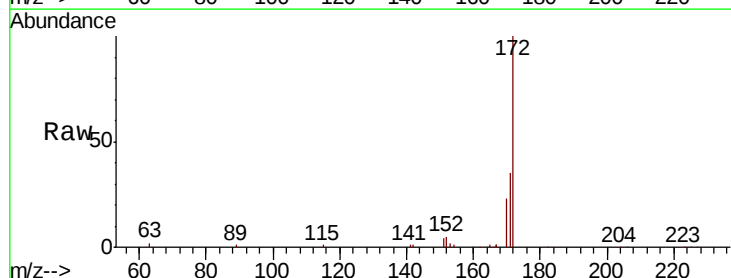
#14
 2,4,6-Tribromophenol
 Concen: 0.514 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

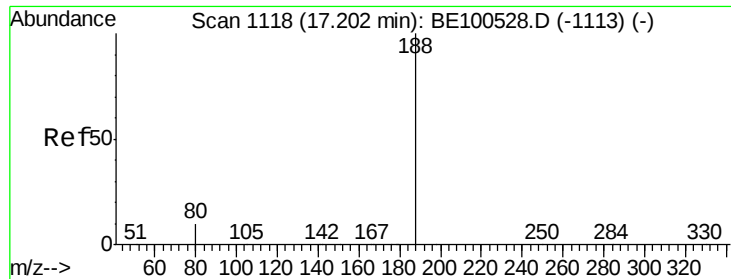
Tot Ion:	330	Resp:	1192
Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	54.9	42.3	63.5



#15
 2-Fluorobiphenyl
 Concen: 0.409 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

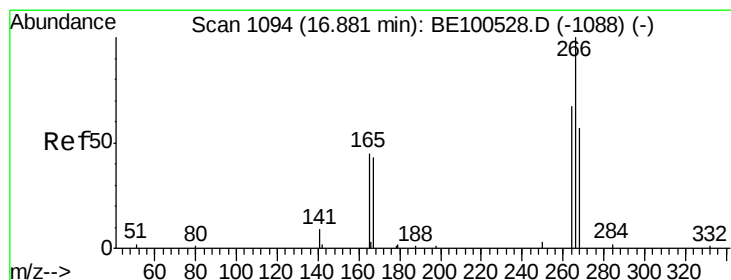
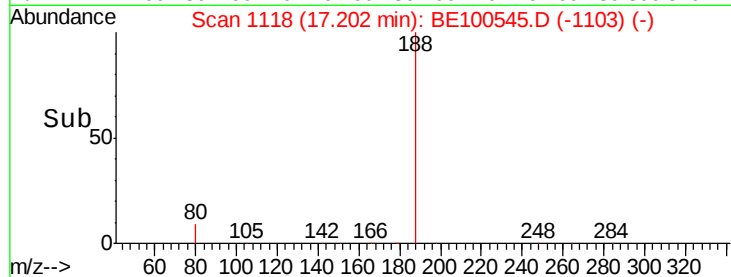
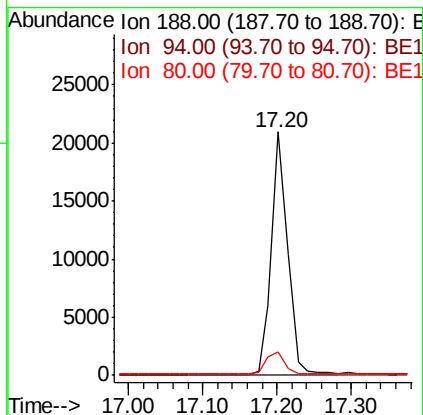
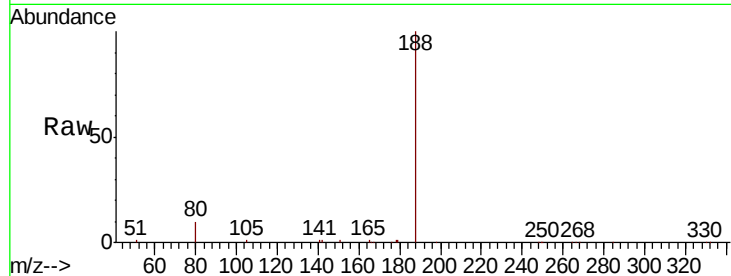
Tgt Ion:	172	Resp:	20925
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	22.9	19.4	29.0





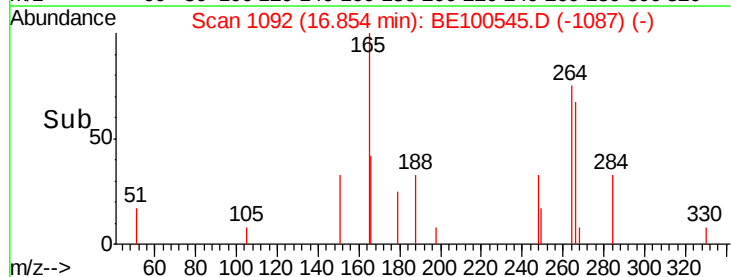
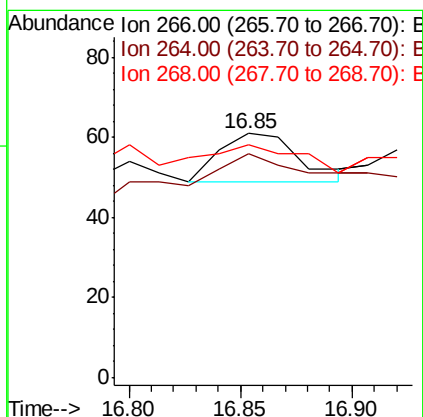
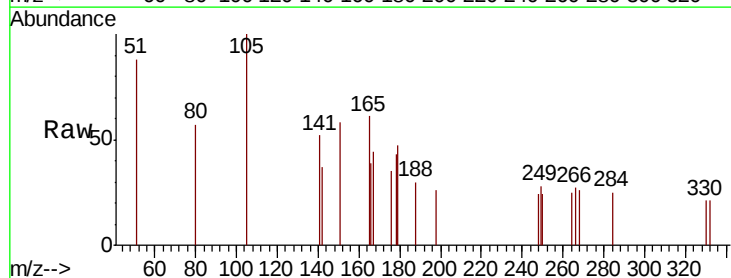
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100545.D
Acq: 23 Sep 2019 18:46

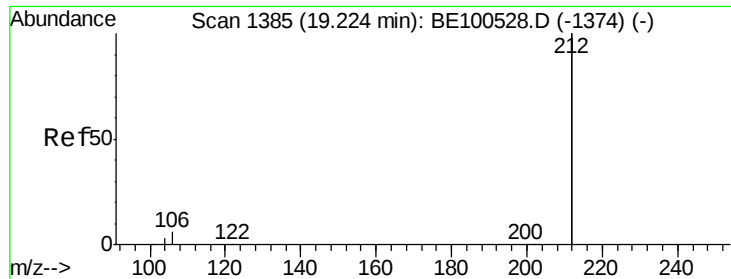
Tot Ion:188 Resp: 31610
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 8.0 12.0



#22
Pentachlorophenol
Concen: 0.182 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BE100545.D
Acq: 23 Sep 2019 18:46

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 91.8 57.6 86.4#
268 95.1 55.1 82.7#





#25

Fluoranthene-d10

Concen: 0.488 ng

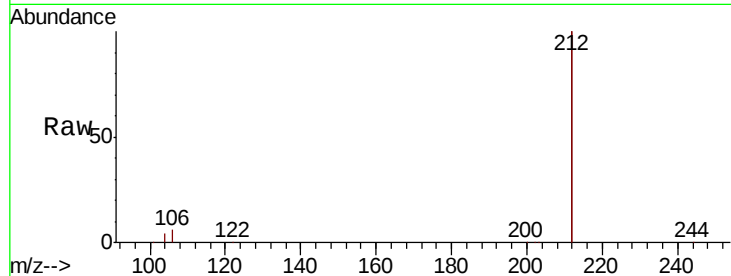
RT: 19.22 min Scan# 1385

Delta R.T. -0.00 min

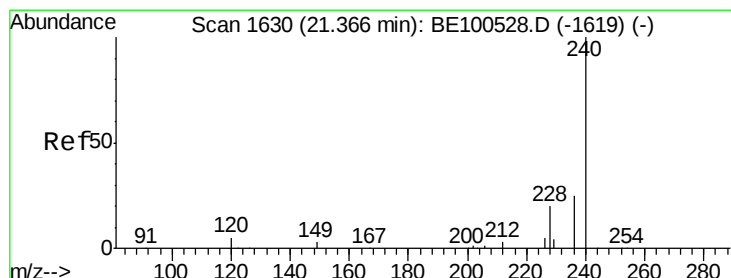
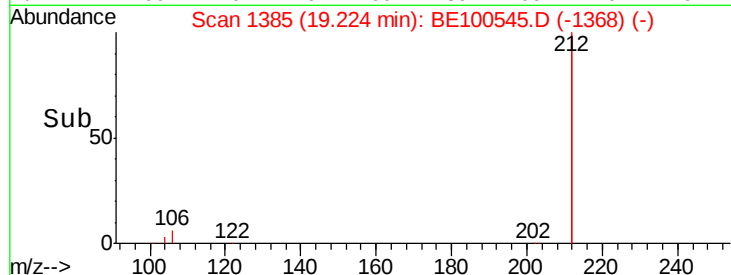
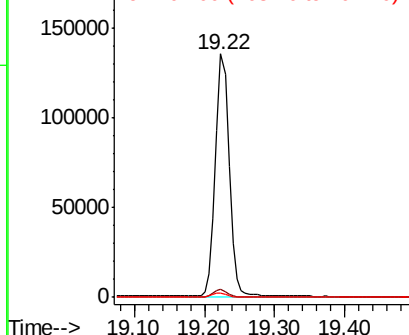
Lab File: BE100545.D

Acq: 23 Sep 2019 18:46

Tot Ion:212	Resp:	183427
Ion Ratio	Lower	Upper
212	100	
106	3.1	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

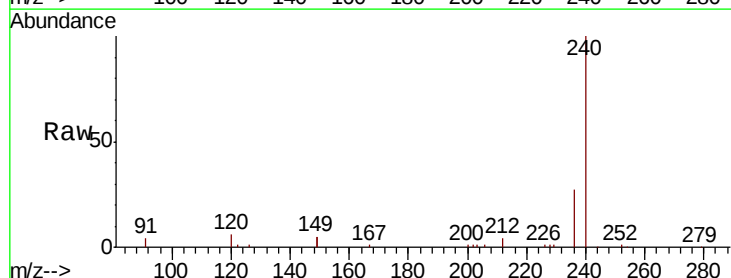
RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

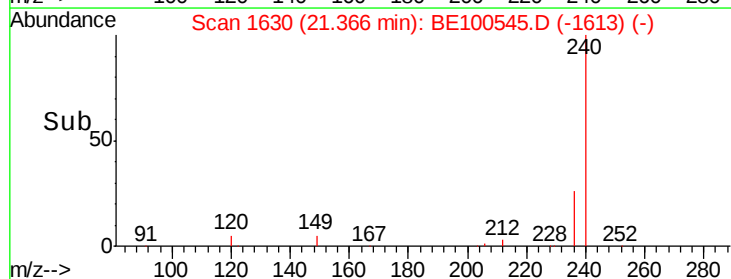
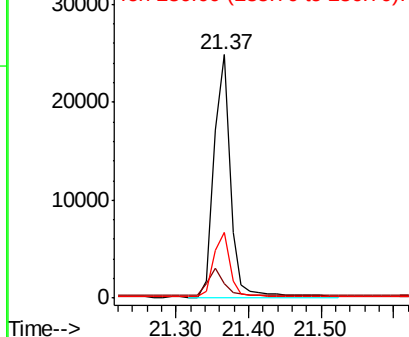
Lab File: BE100545.D

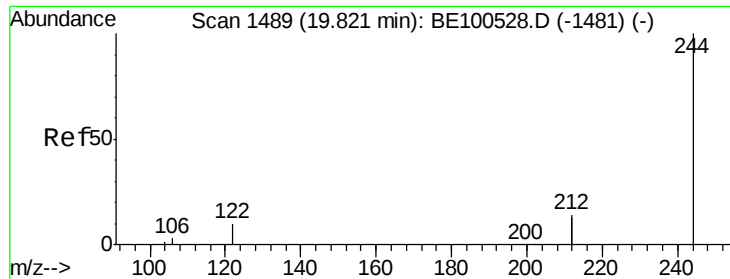
Acq: 23 Sep 2019 18:46

Tgt Ion:240	Resp:	39290
Ion Ratio	Lower	Upper
240	100	
120	5.8	4.5 6.7
236	26.8	20.6 30.8



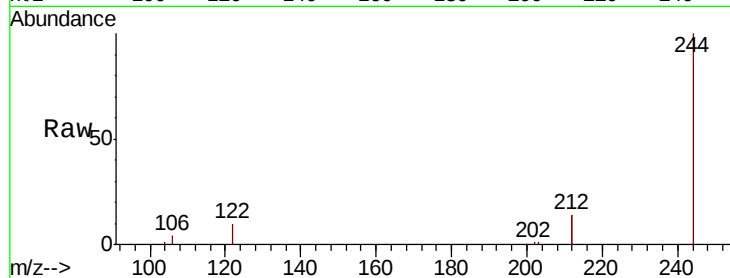
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



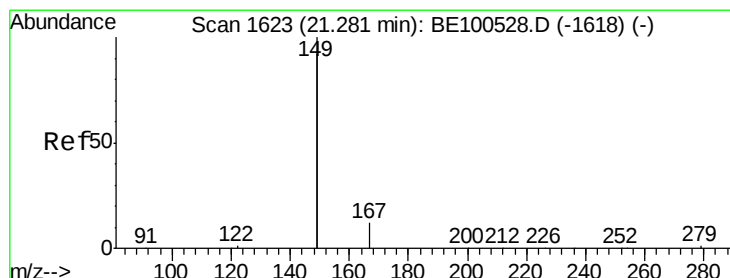
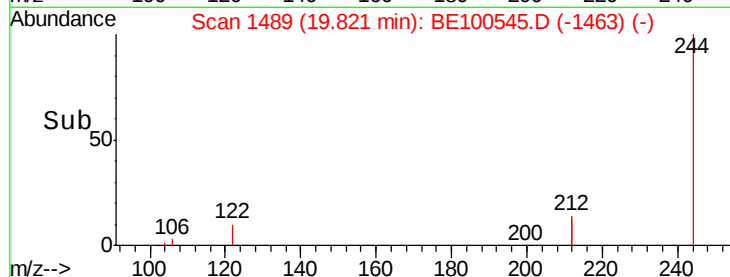
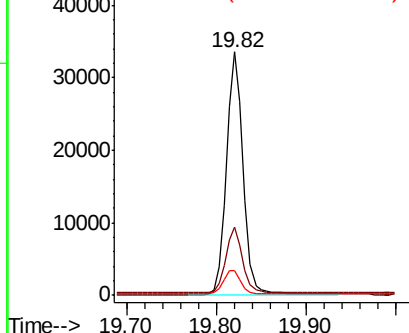


#29
 Terphenyl-d14
 Concen: 0.462 ng
 RT: 19.82 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

Tot Ion	Ratio	Lower	Upper
244	100		
212	27.8	22.2	33.2
122	10.3	8.3	12.5

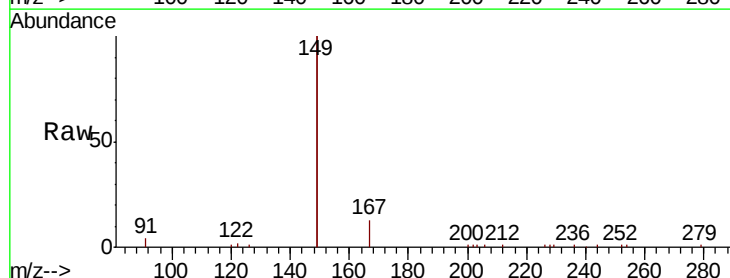


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

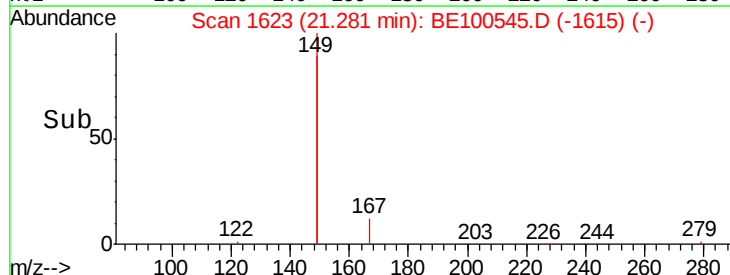
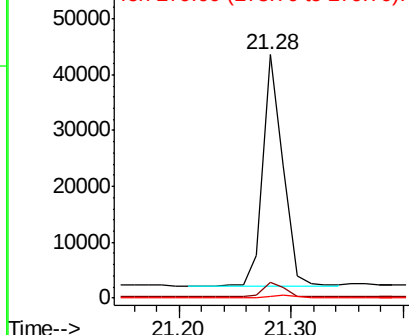


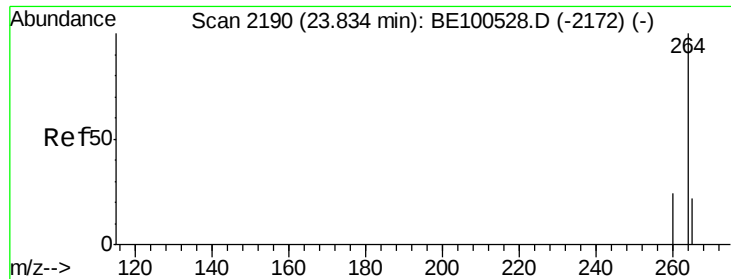
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.459 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100545.D
 Acq: 23 Sep 2019 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.0	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
Pervlene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100545.D
Acq: 23 Sep 2019 18:46

Tot Ion:264 Resp: 44534

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	26.5	21.8	32.8

