

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097682.D
 Acq On : 26 Sep 2018 10:59
 Operator : SJ/JU
 Sample : J4892-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 26 15:28:32 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 24 18:40:34 2018

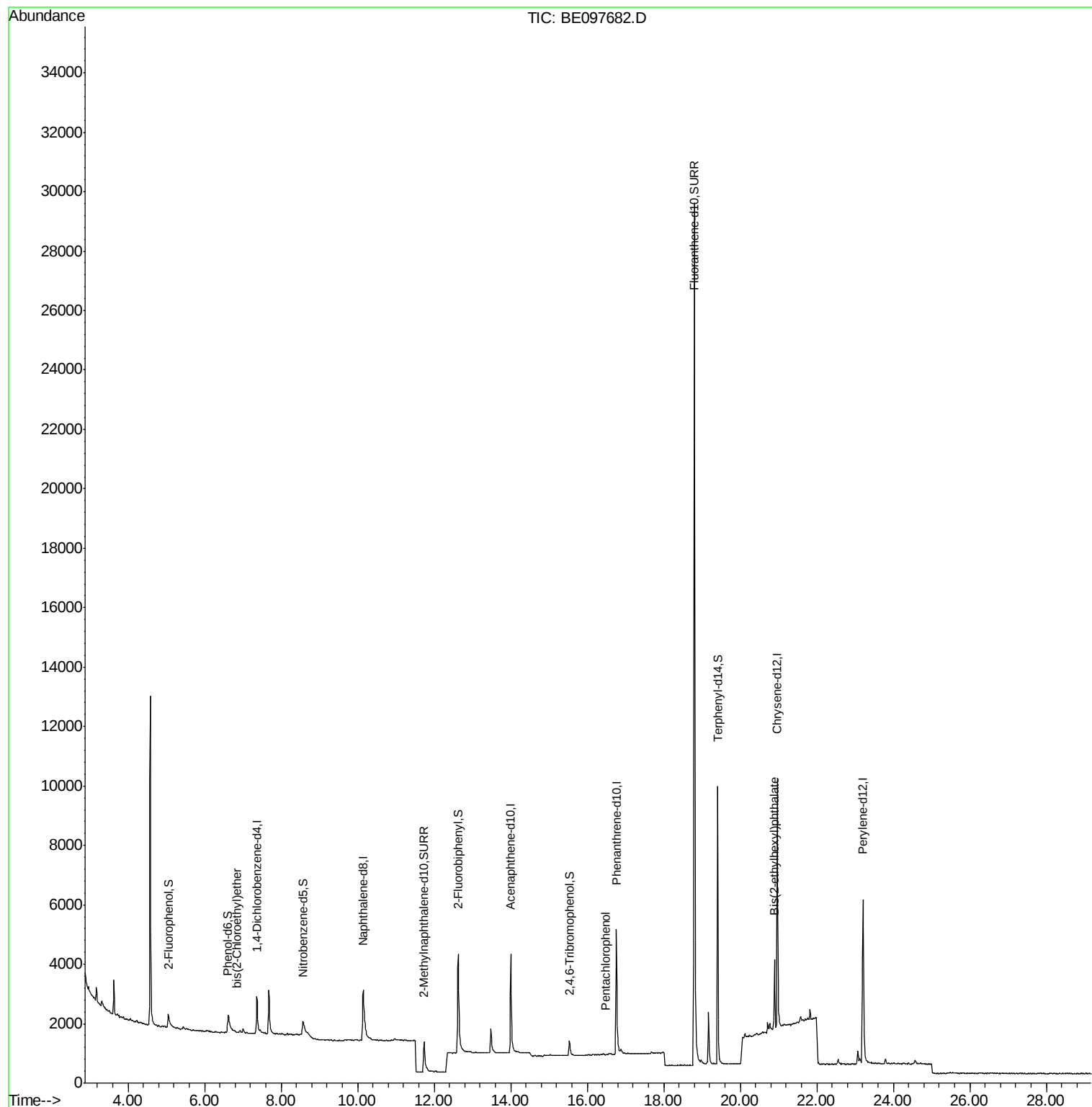
Response via : Initial Calibration

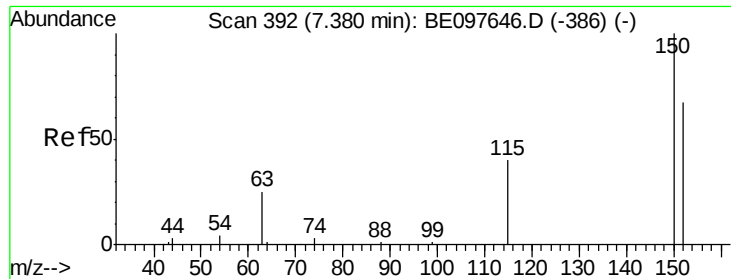
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	818	0.40	ng	-0.01
7) Naphthalene-d8	10.15	136	3603	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2422	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7448	0.40	ng	0.01
27) Chrysene-d12	20.97	240	9386	0.40	ng	0.00
34) Perylene-d12	23.21	264	8819	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	449	0.21	ng	0.00
5) Phenol-d6	6.61	99	290	0.10	ng	-0.01
8) Nitrobenzene-d5	8.57	82	945	0.43	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2547	0.48	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	429	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5069	0.64	ng	0.00
25) Fluoranthene-d10	18.80	212	49183	0.61	ng	0.00
29) Terphenyl-d14	19.41	244	8789	0.48	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	6.84	93	10	0.07	ng	# 1
22) Pentachlorophenol	16.49	266	10	0.02	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	3111	0.12	ng	# 99

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

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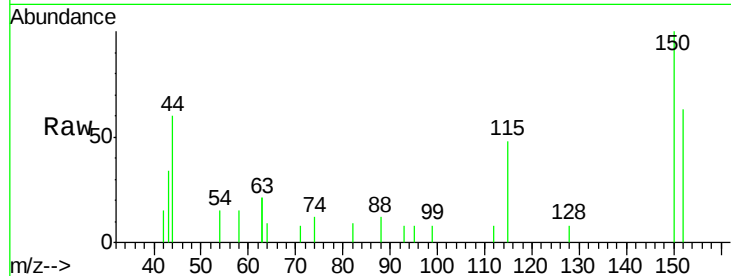




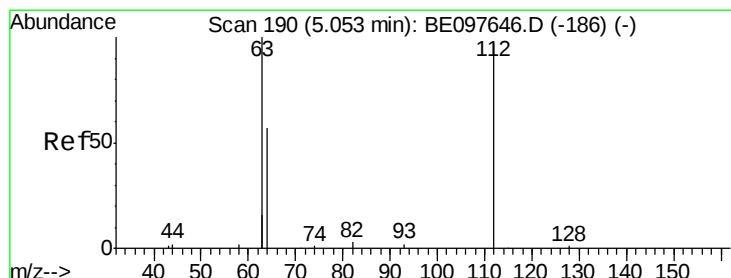
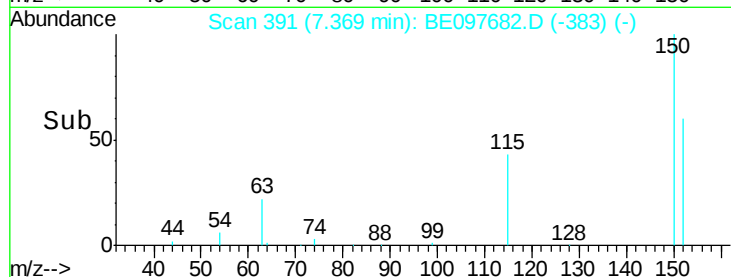
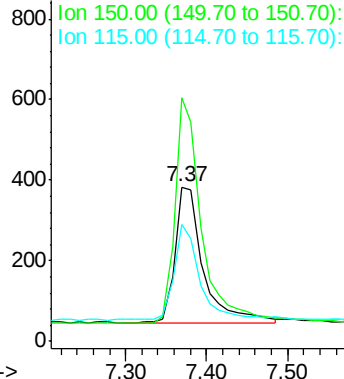
#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Tot Ion:152 Resp: 818
Ion Ratio Lower Upper
152 100
150 157.7 117.2 175.8
115 75.7 57.0 85.6



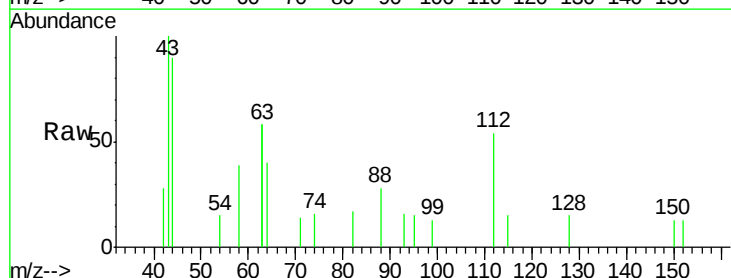
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



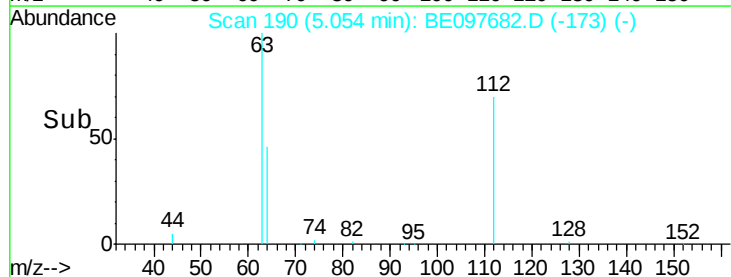
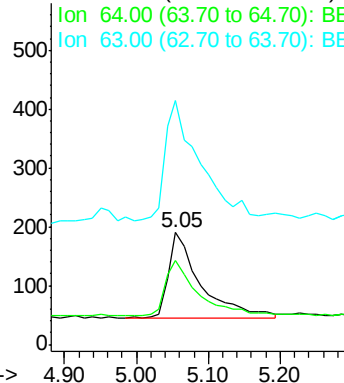
#4

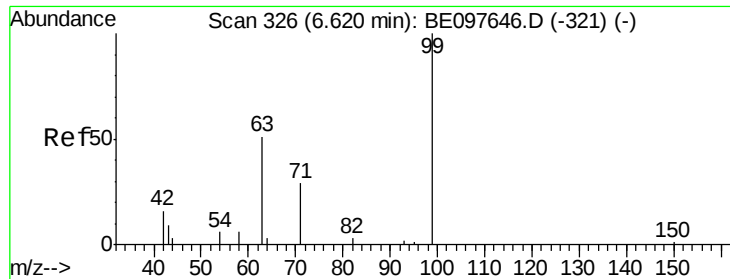
2-Fluorophenol
Concen: 0.21 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Tgt Ion:112 Resp: 449
Ion Ratio Lower Upper
112 100
64 67.5 60.1 90.1
63 154.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.61 min Scan# 325

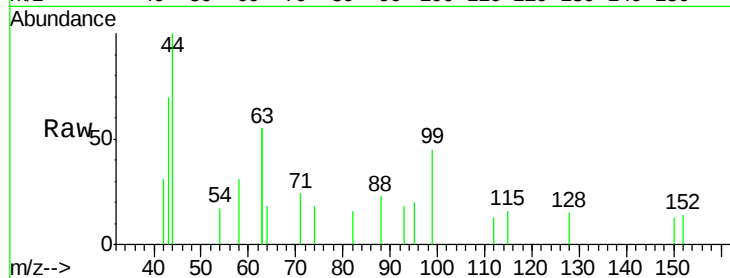
Delta R.T. -0.01 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Tot Ion: 99 Resp: 290

Ion	Ratio	Lower	Upper
99	100		
42	31.0	20.2	30.2#
71	34.8	28.4	42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.61

150

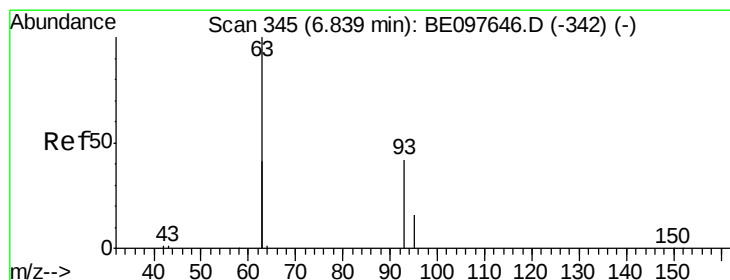
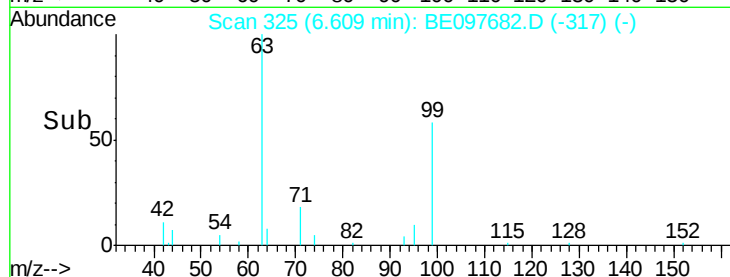
100

50

0

6.50 6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 6.84 min Scan# 345

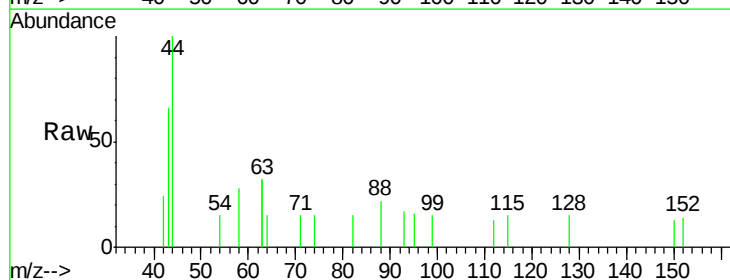
Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Tgt Ion: 93 Resp: 10

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

300

250

200

150

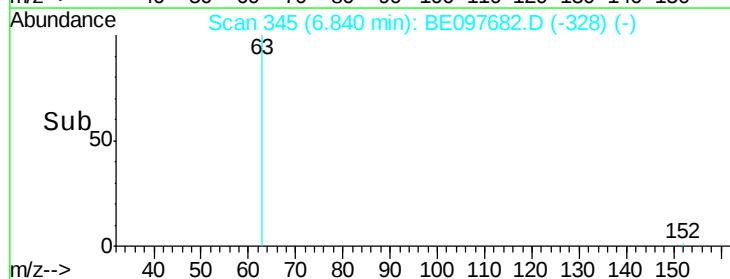
100

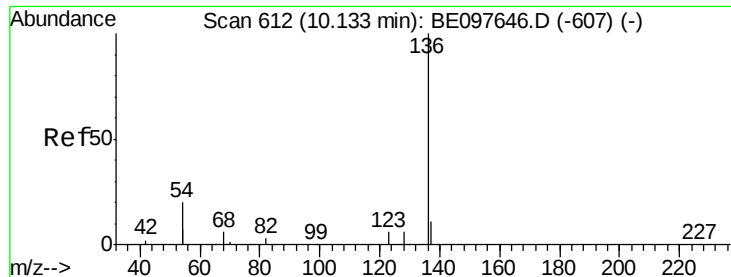
50

0

6.80 6.85 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

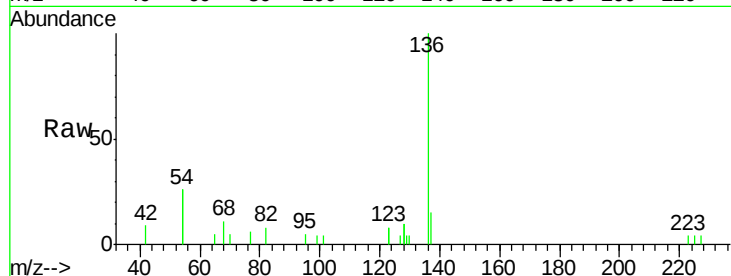
RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Tot Ion:136	Resp:	3603
Ion Ratio	Lower	Upper
136	100	
137	14.9	9.5 14.3#
54	51.6	29.1 43.7#
68	11.2	6.2 9.2#

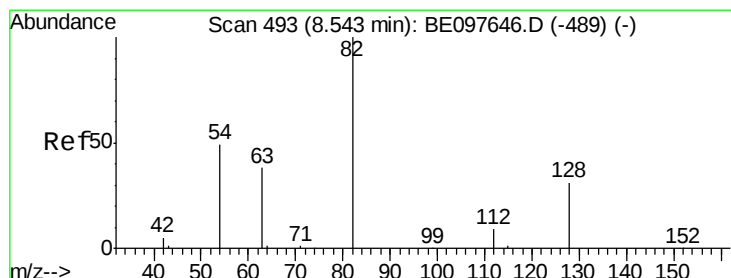
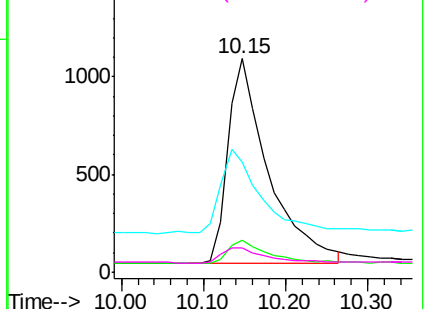
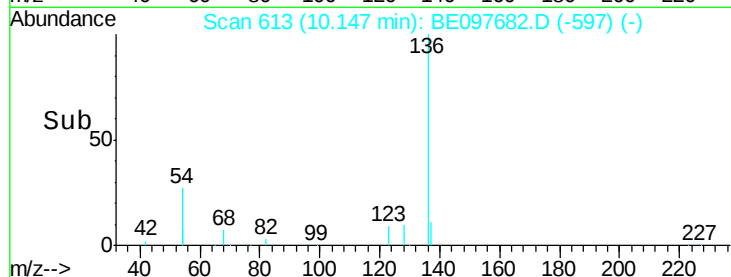


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.43 ng

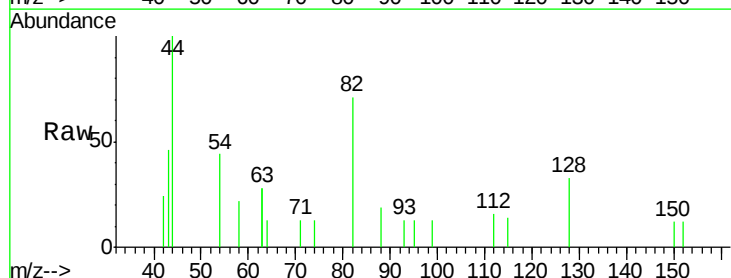
RT: 8.57 min Scan# 495

Delta R.T. 0.02 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

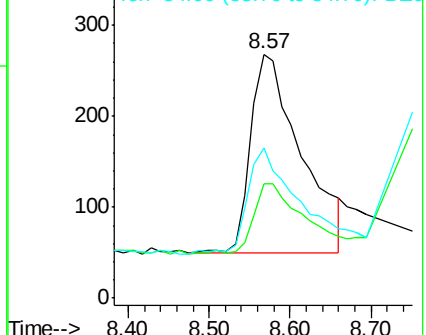
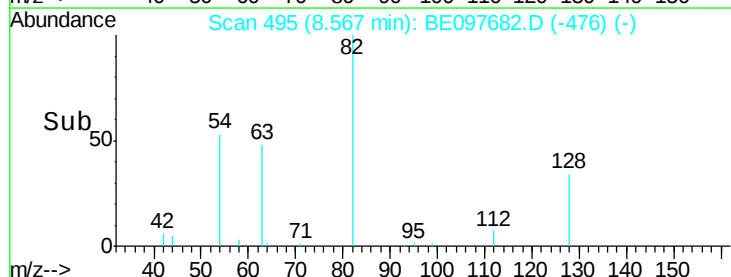
Tgt Ion: 82	Resp:	945
Ion Ratio	Lower	Upper
82	100	
128	47.0	24.0 36.0#
54	61.6	40.0 60.0#

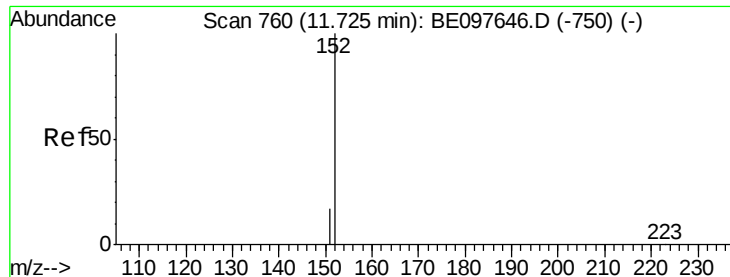


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

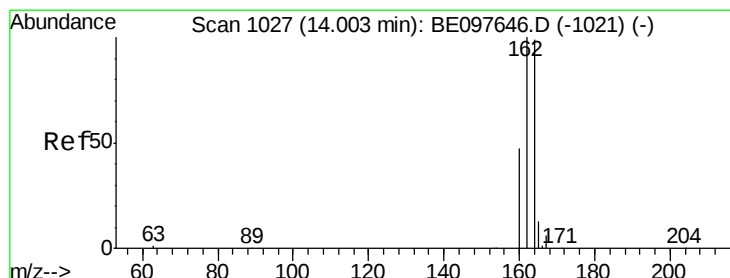
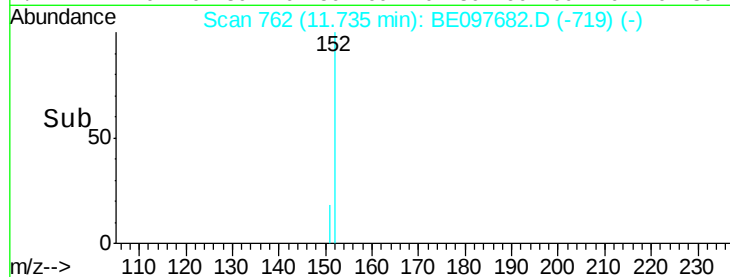
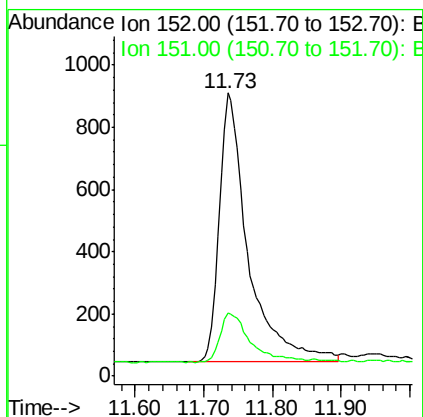
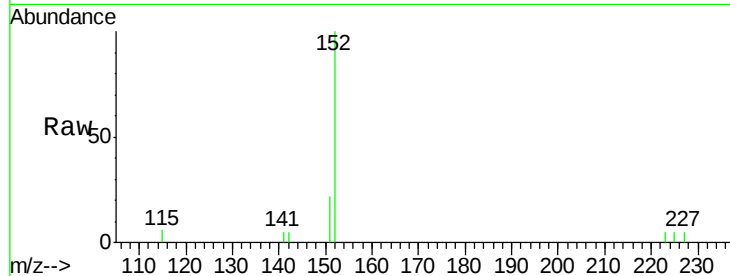
Ion 54.00 (53.70 to 54.70): BE0





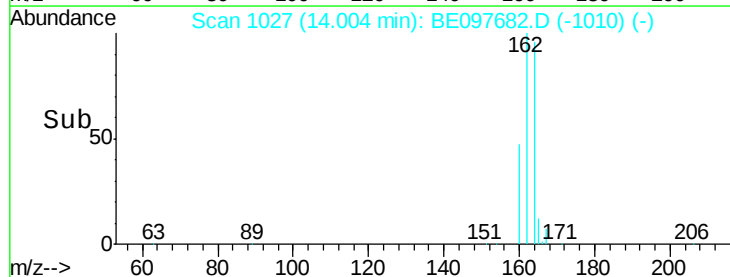
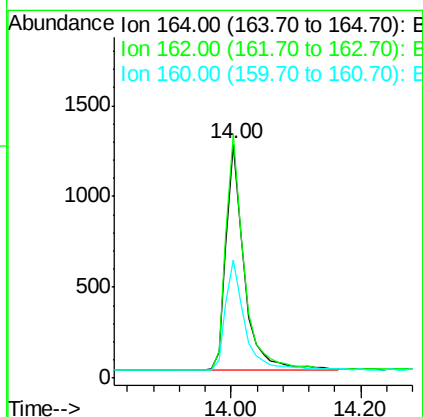
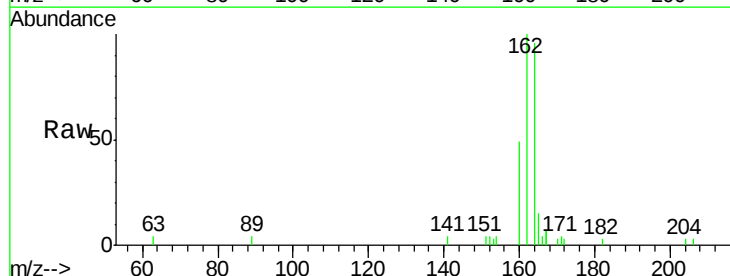
#11
2-Methylnaphthalene-d10
Concen: 0.48 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

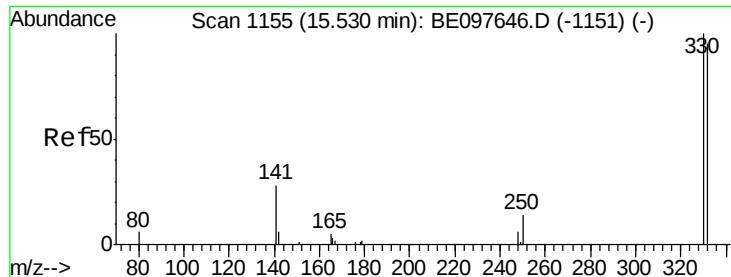
Tot Ion:152 Resp: 2547
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

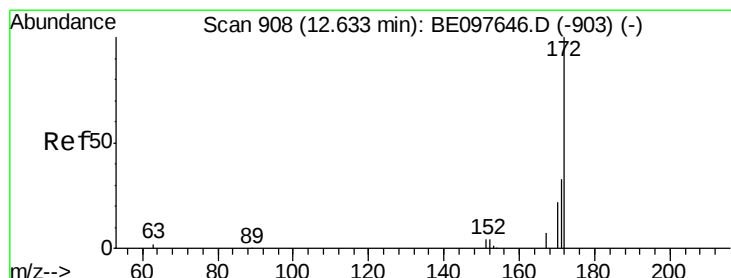
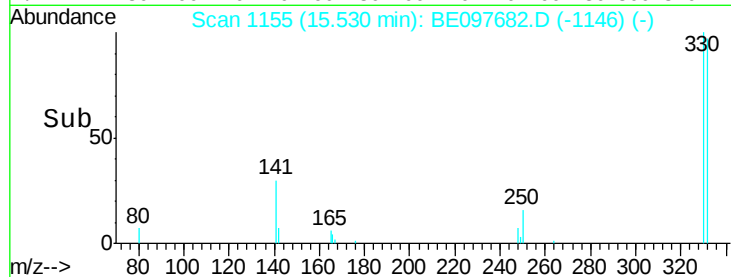
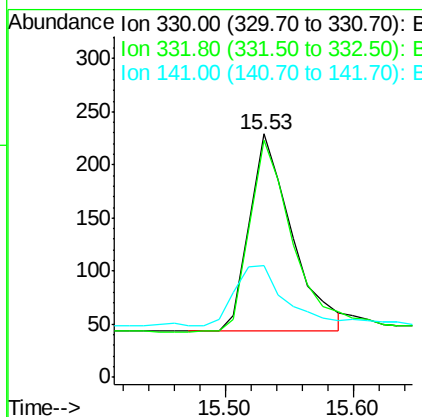
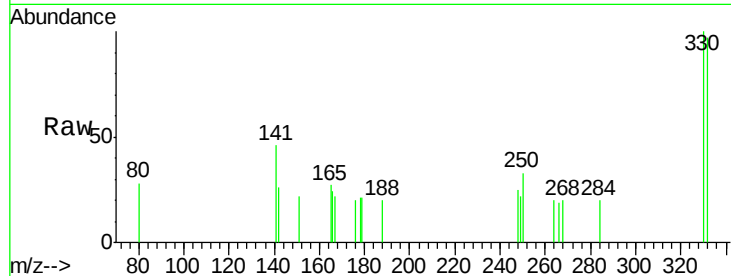
Tgt Ion:164 Resp: 2422
Ion Ratio Lower Upper
164 100
162 104.2 83.1 124.7
160 50.8 37.1 55.7





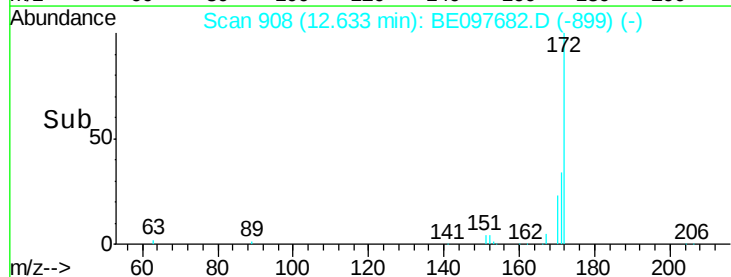
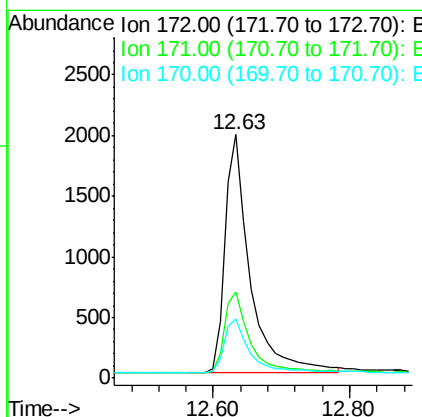
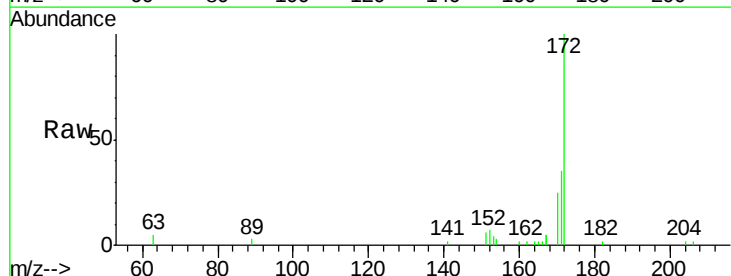
#14
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BE097682.D
 Acq: 26 Sep 2018 10:59

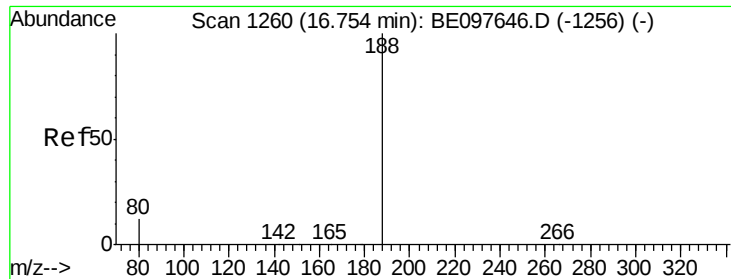
Tot Ion:330 Resp: 429
 Ion Ratio Lower Upper
 330 100
 332 98.1 152.7 229.1#
 141 37.1 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.64 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097682.D
 Acq: 26 Sep 2018 10:59

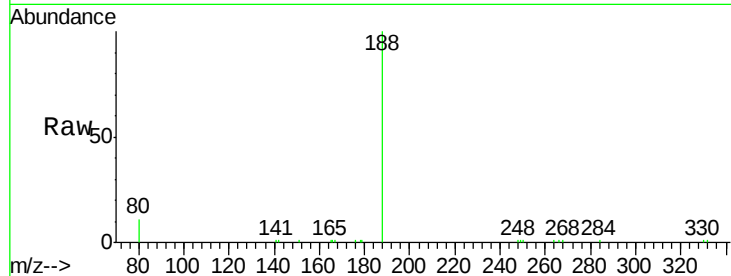
Tgt Ion:172 Resp: 5069
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 24.6 21.8 32.8



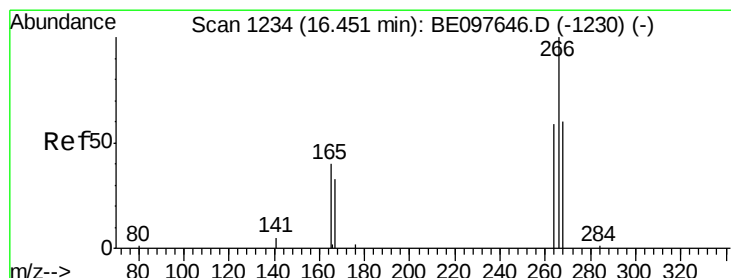
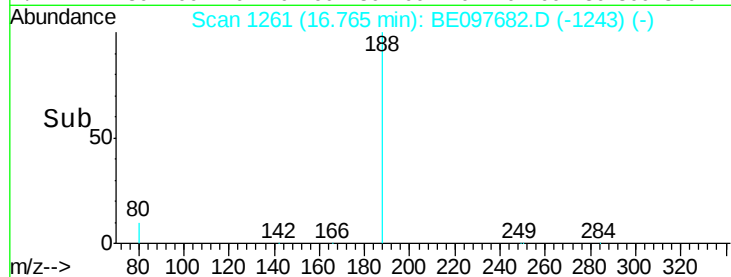
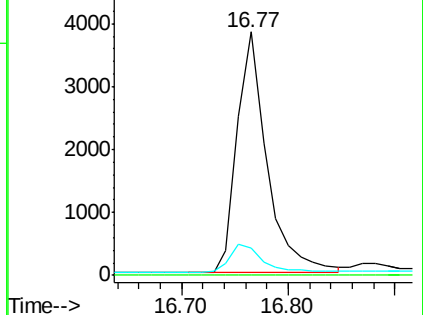


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Tot Ion:188 Resp: 7448
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.0 3.6 5.4#

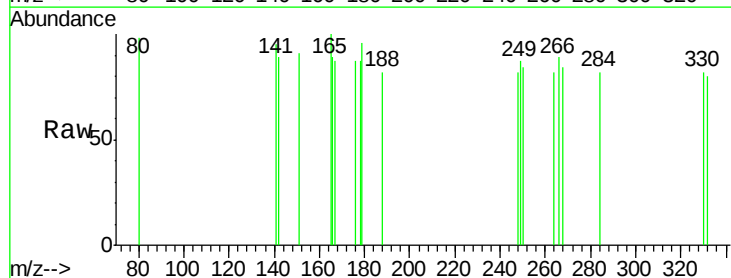


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

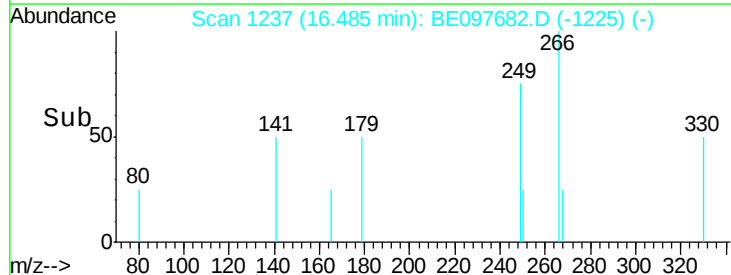
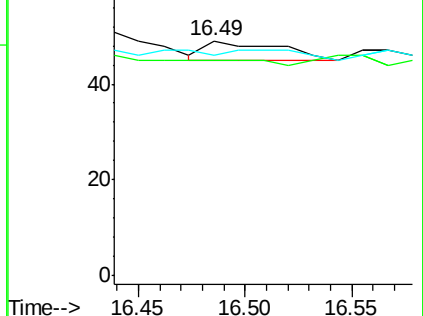


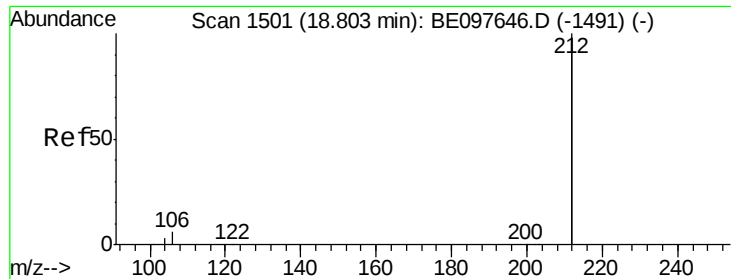
#22
Pentachlorophenol
Concen: 0.02 ng
RT: 16.49 min Scan# 1237
Delta R.T. 0.03 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 91.8 72.5 108.7
268 93.9 73.8 110.6



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: 0.61 ng

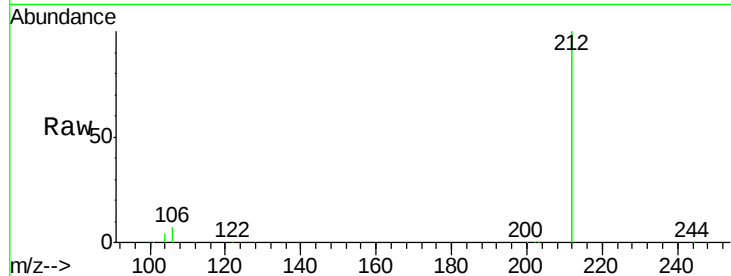
RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

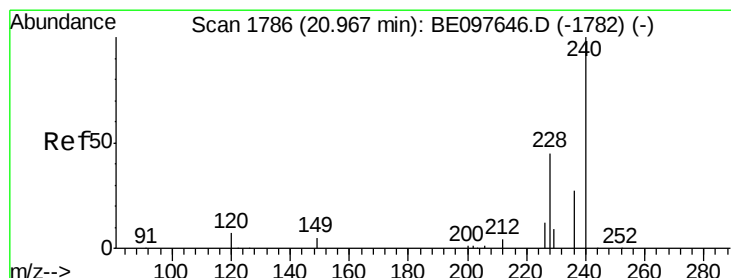
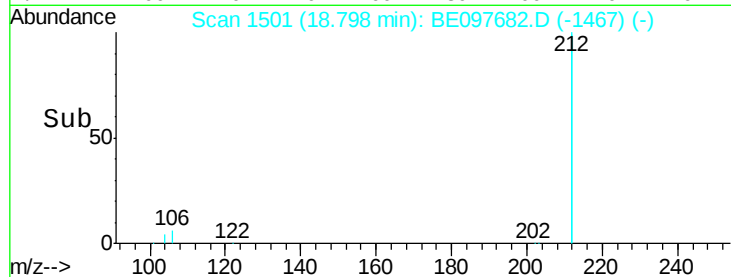
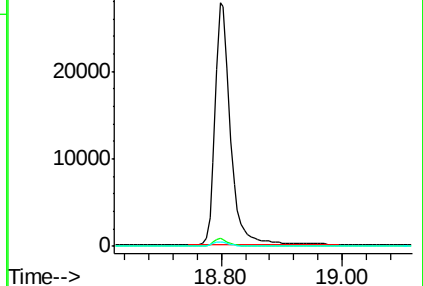
Tot Ion:212	Resp:	49183
Ion Ratio	Lower	Upper
212	100	
106	3.1	2.8 4.2
104	1.8	1.6 2.4



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: 0.40 ng

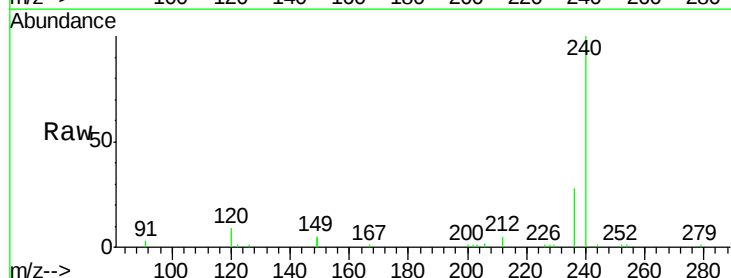
RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

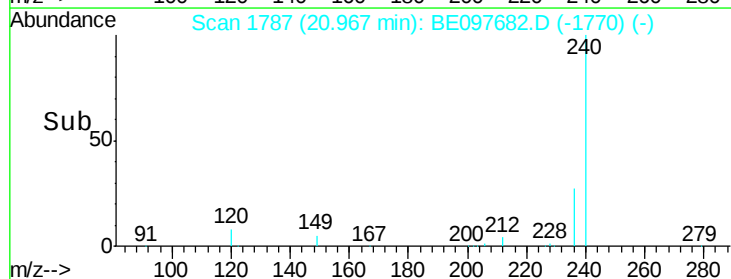
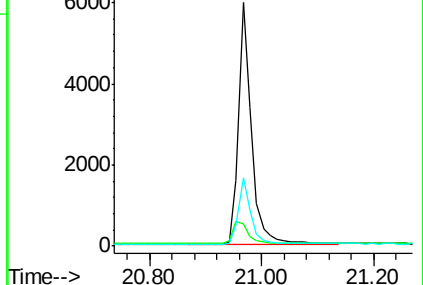
Tgt Ion:240	Resp:	9386
Ion Ratio	Lower	Upper
240	100	
120	9.3	5.5 8.3#
236	27.9	20.7 31.1

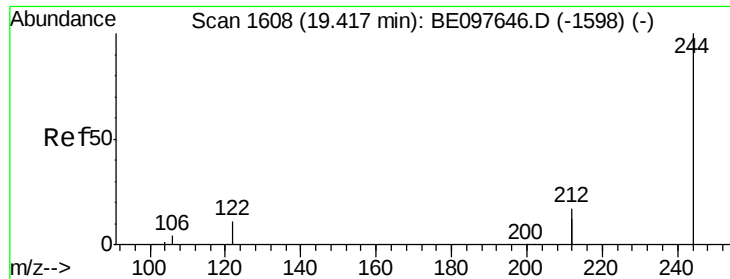


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.48 ng

RT: 19.41 min Scan# 1608

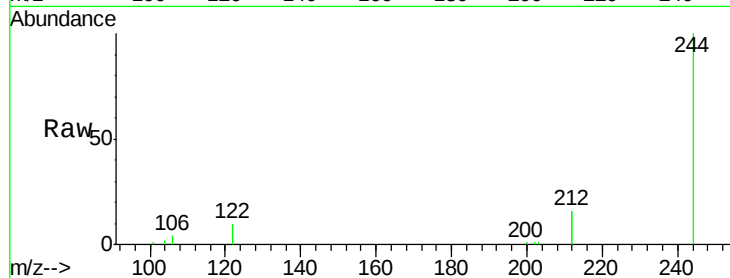
Delta R.T. -0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Tot Ion:244 Resp: 8789

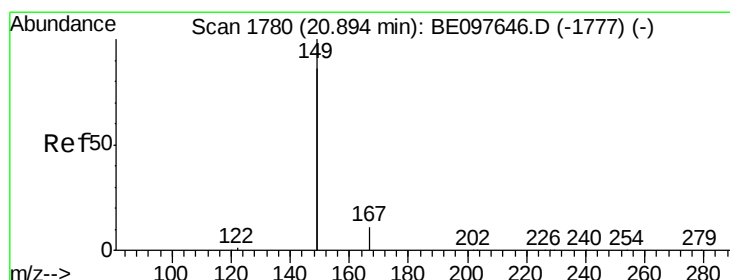
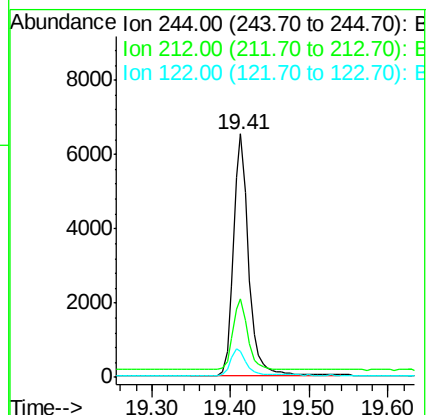
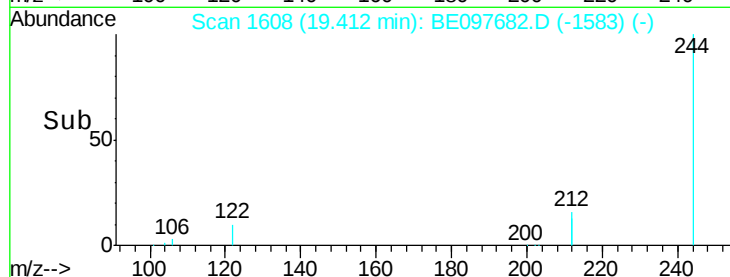
Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.4	38.0
122	10.4	8.1	12.1



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: 0.12 ng

RT: 20.89 min Scan# 1781

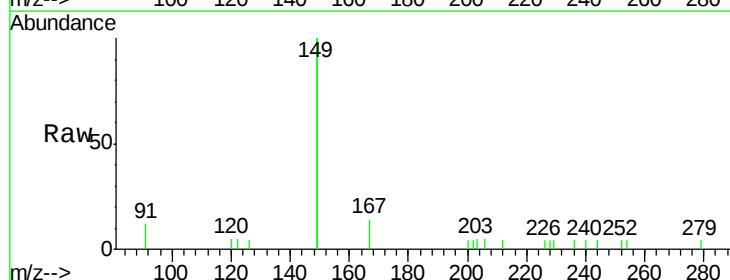
Delta R.T. 0.00 min

Lab File: BE097682.D

Acq: 26 Sep 2018 10:59

Tgt Ion:149 Resp: 3111

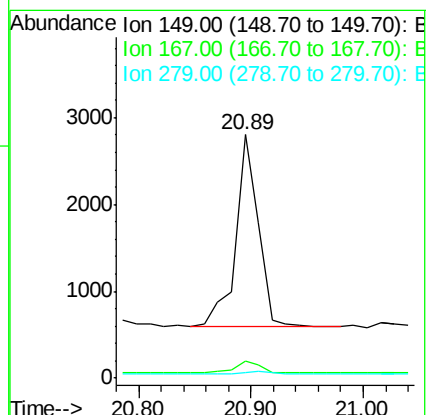
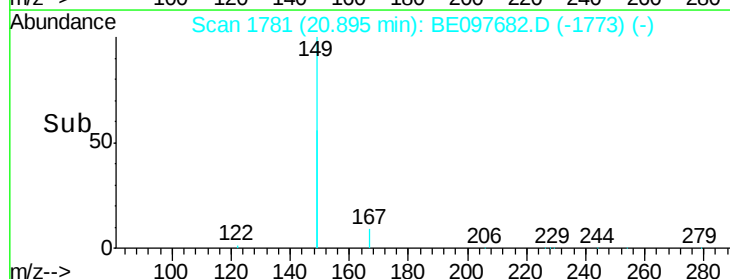
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1#

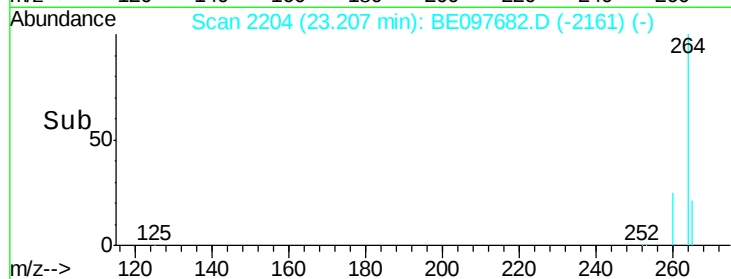
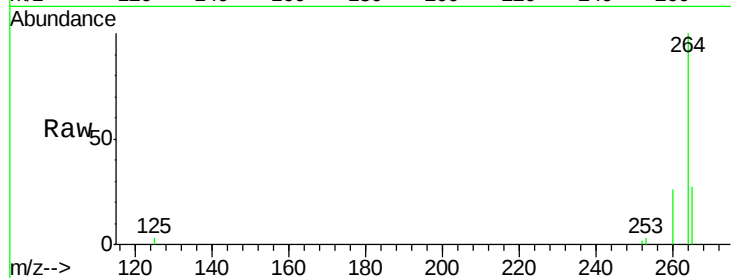
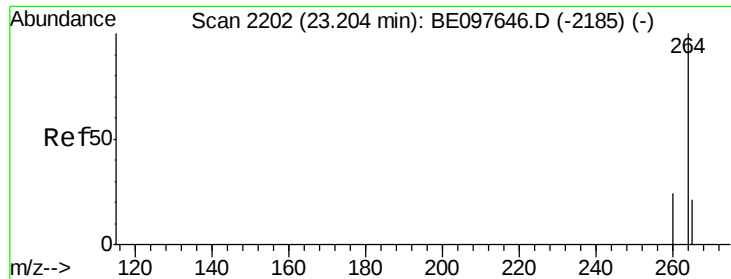


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097682.D
Acq: 26 Sep 2018 10:59

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	27.1	22.8	34.2

