

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
 Data File : BG025774.D
 Acq On : 3 Feb 2017 1:32
 Operator : SJ/MA
 Sample : I1644-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

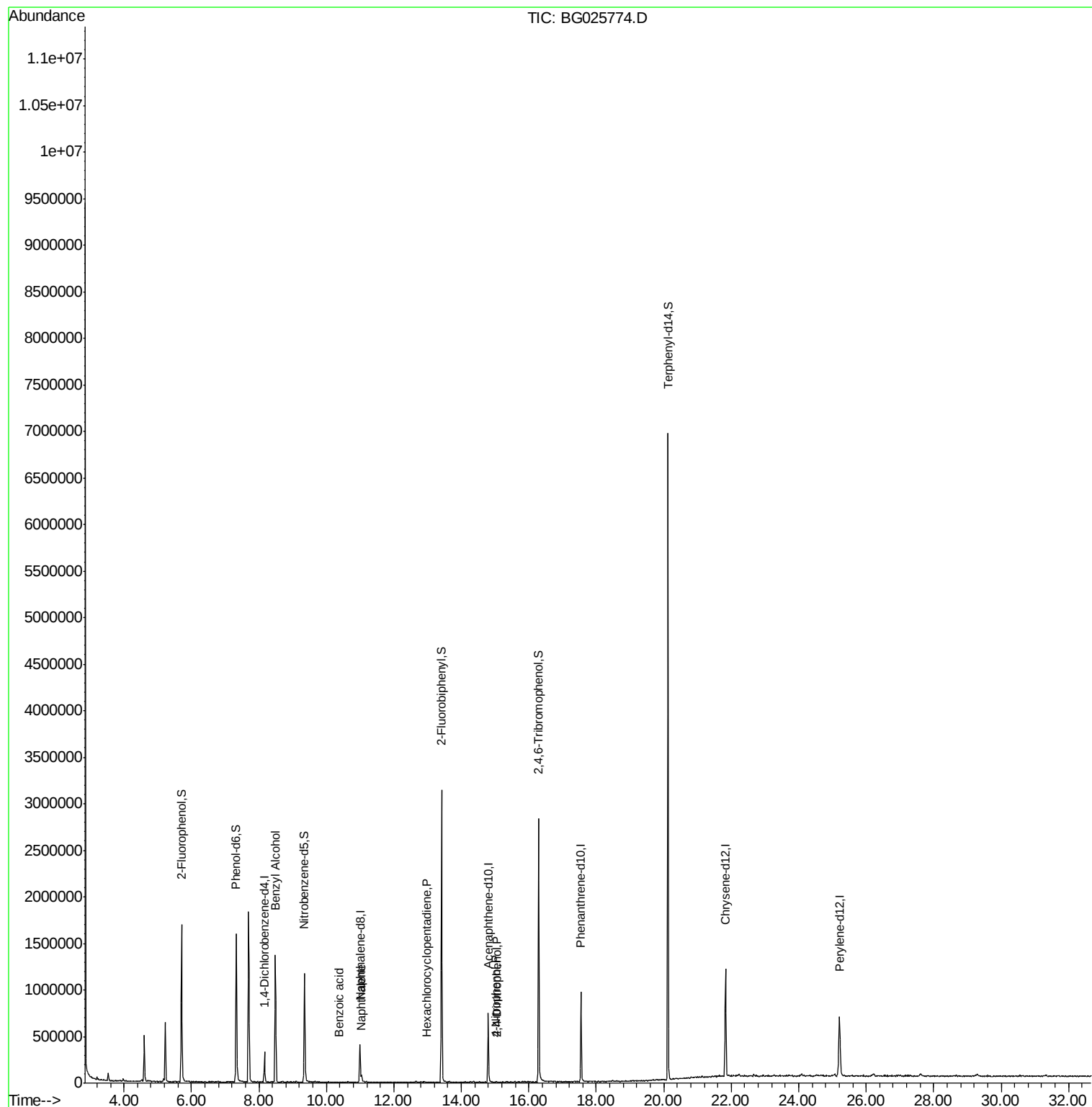
Quant Time: Feb 03 04:20:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

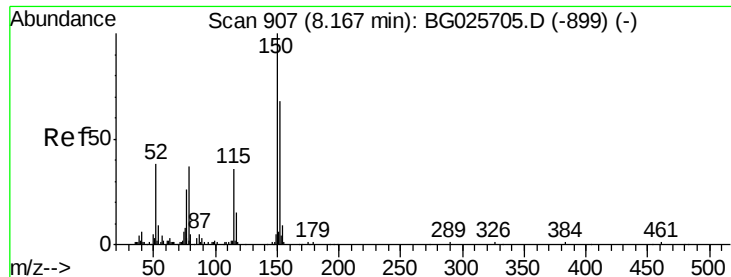
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	81694	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	349657	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	275623	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	634939	20.00	ng	0.00
75) Chrysene-d12	21.83	240	765771	20.00	ng	0.00
86) Perylene-d12	25.21	264	723754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	693591	152.16	ng	0.00
7) Phenol-d6	7.32	99	932517	140.07	ng	0.00
23) Nitrobenzene-d5	9.35	82	783546	94.68	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	556823	141.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1590288	93.71	ng	0.00
78) Terphenyl-d14	20.13	244	2711974	85.48	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.49	79	14588	2.53	ng	# 50
31) Naphthalene	11.04	128	57683	3.18	ng	# 94
32) Benzoic acid	10.39	122	69	7.91	ng	# 30
40) Hexachlorocyclopentadiene	12.96	237	68	10.70	ng	# 29
53) 2,4-Dinitrophenol	15.03	184	88	9.47	ng	# 15
55) 4-Nitrophenol	15.01	139	59	5.60	ng	# 1

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

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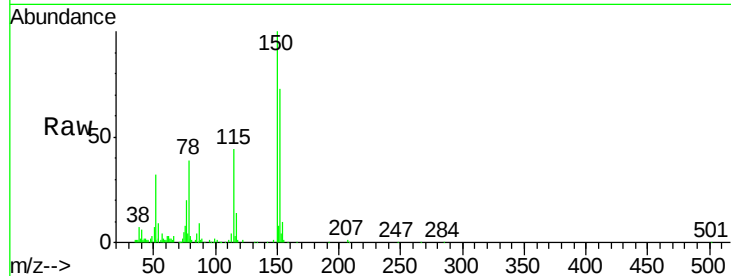




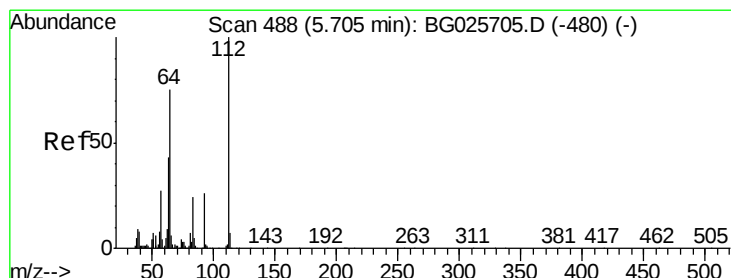
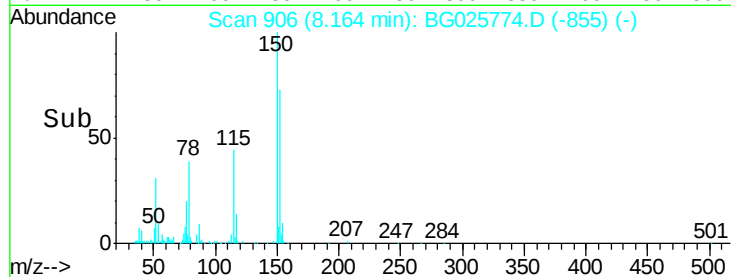
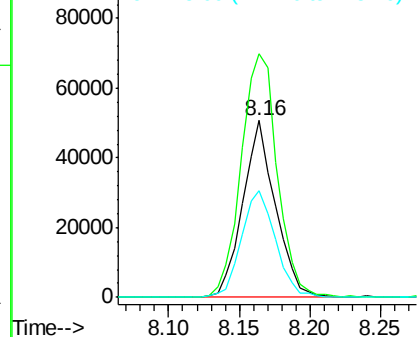
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.9	114.0	171.0
115	60.5	48.1	72.1



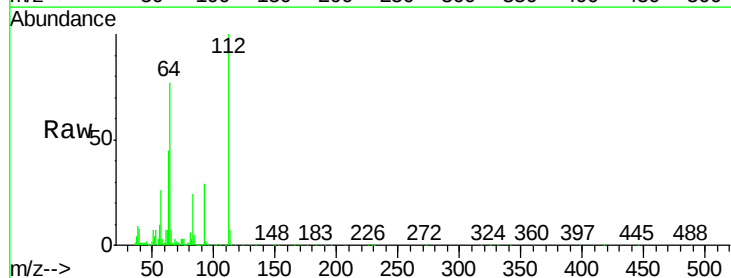
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



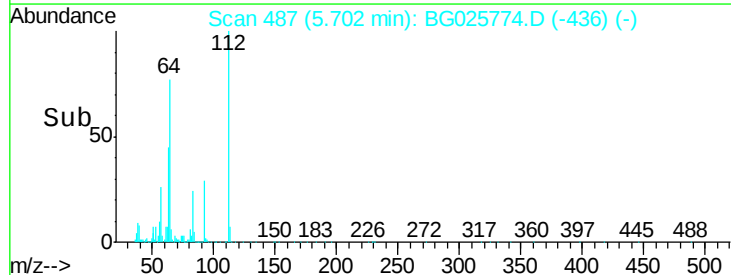
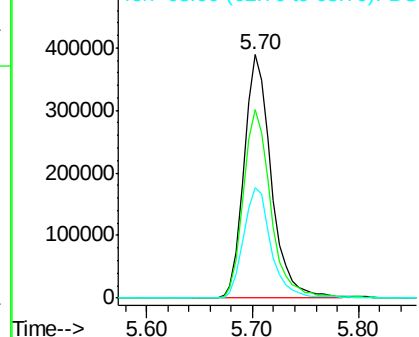
#5

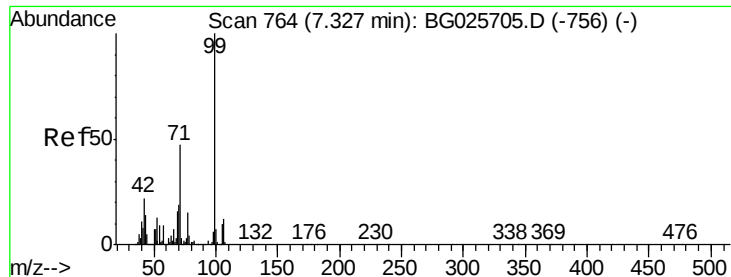
2-Fluorophenol
Concen: 152.16 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.3	61.8	92.6
63	45.5	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 140.07 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

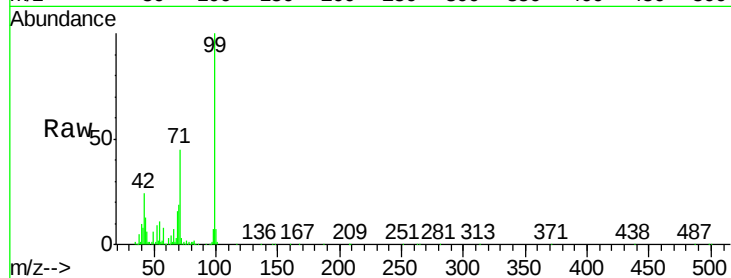
Tgt Ion: 99 Resp: 932517

Ion Ratio Lower Upper

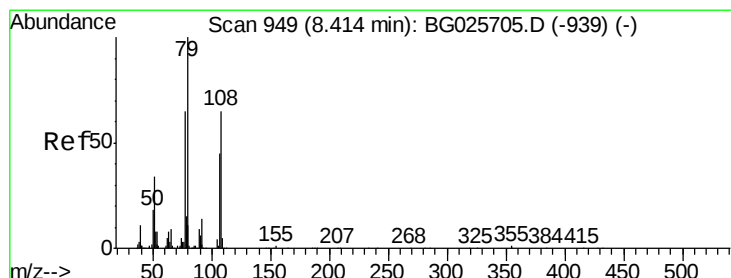
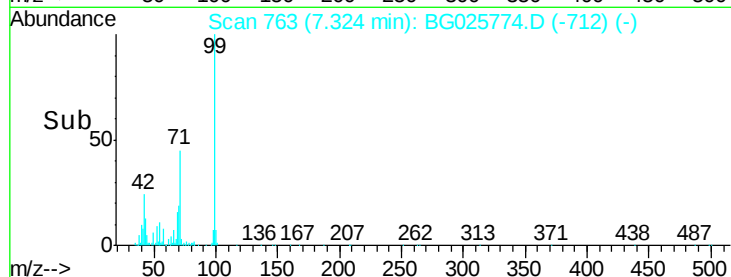
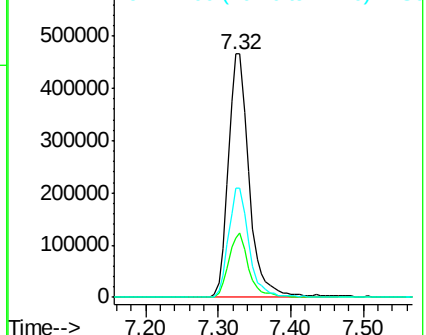
99 100

42 24.4 20.5 30.7

71 44.6 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 8.49 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

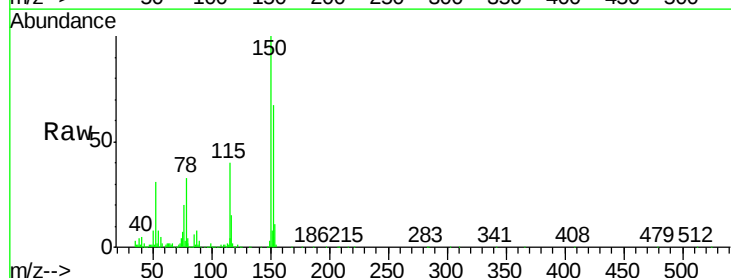
Tgt Ion: 79 Resp: 14588

Ion Ratio Lower Upper

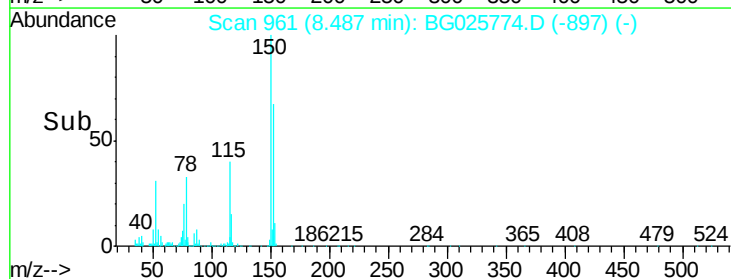
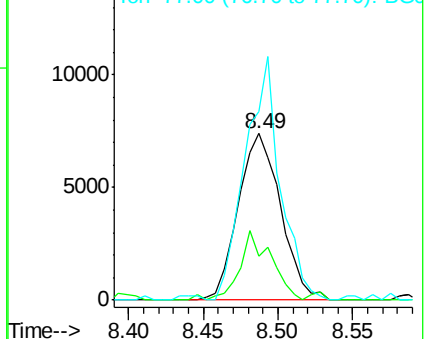
79 100

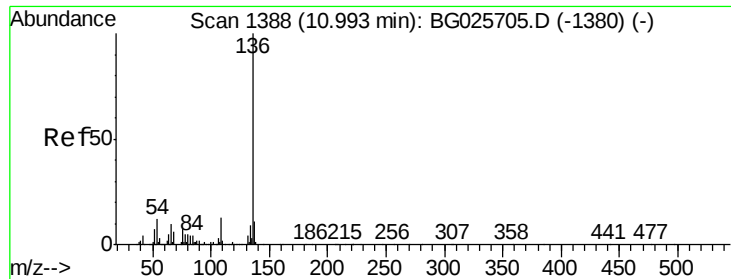
108 26.1 45.5 68.3#

77 113.3 54.3 81.5#



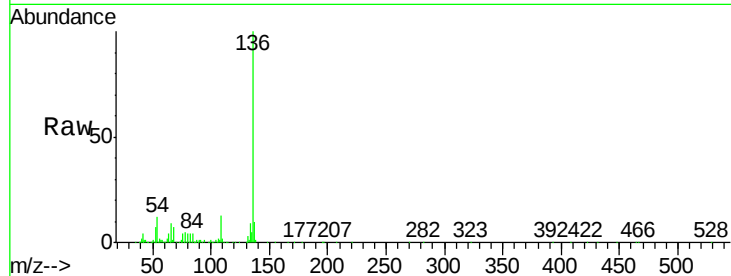
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



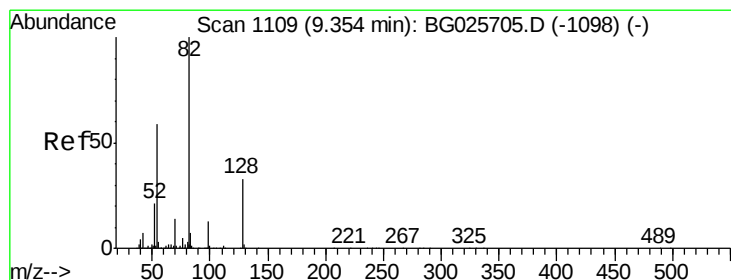
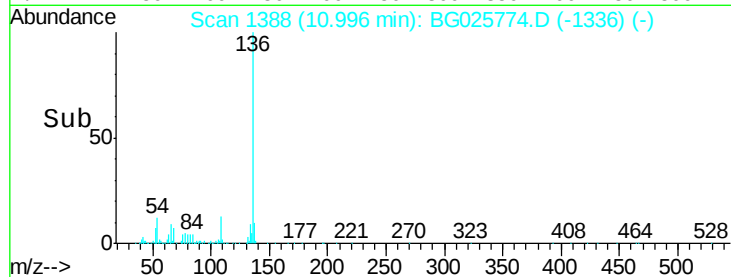
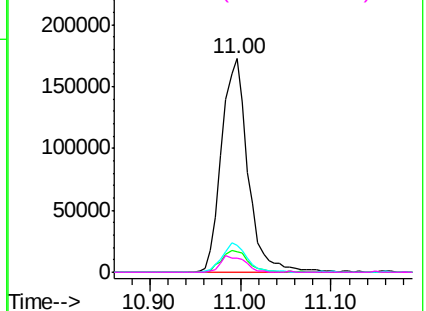


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion:	136	Resp:	349657
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	12.5	9.3	13.9
68	6.8	5.1	7.7

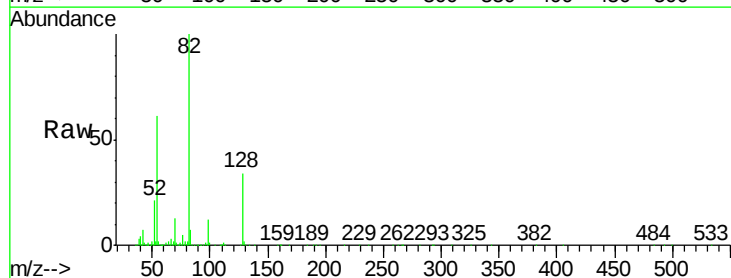


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

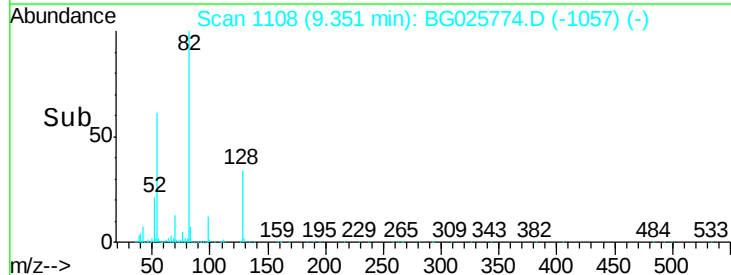
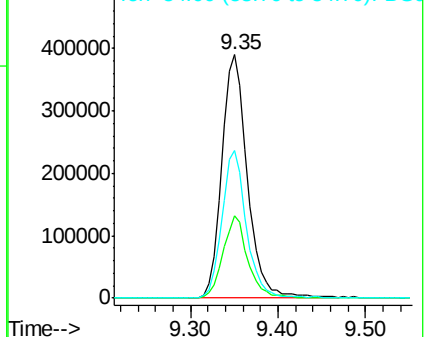


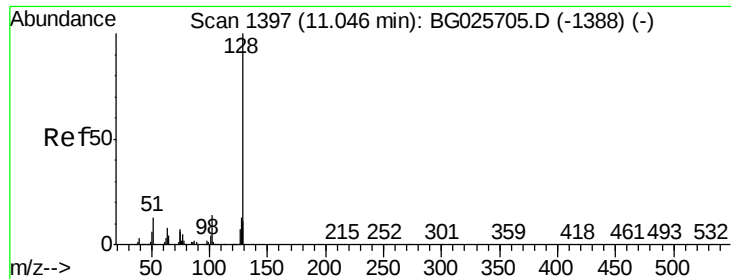
#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion:	82	Resp:	783546
Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	60.6	49.4	74.2



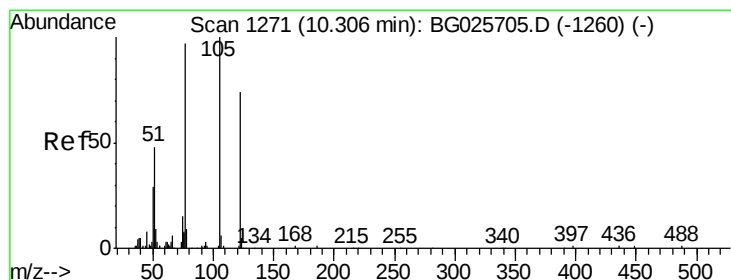
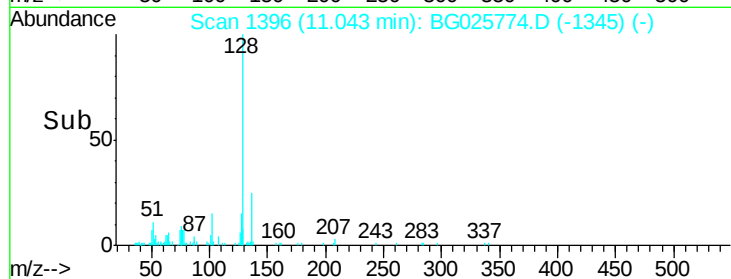
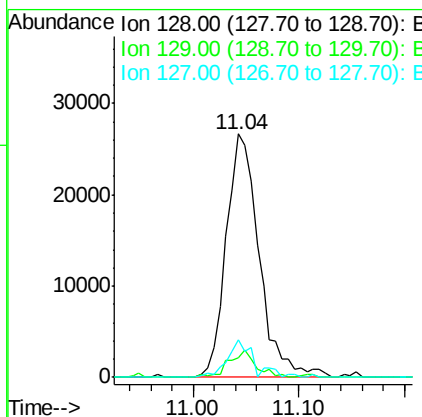
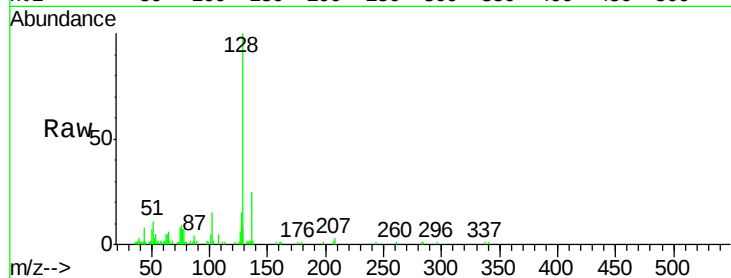
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





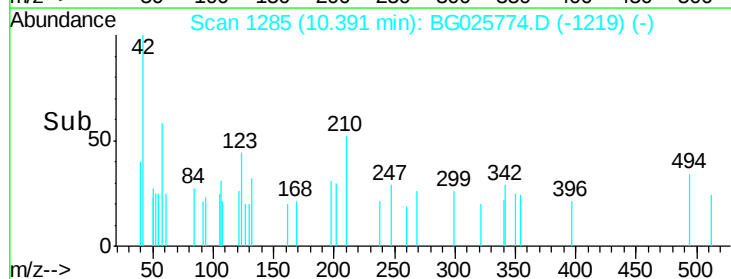
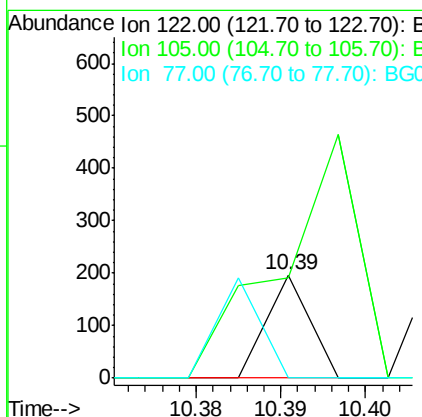
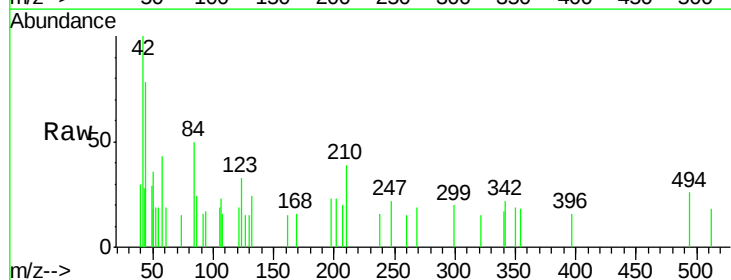
#31
Naphthalene
Concen: 3.18 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

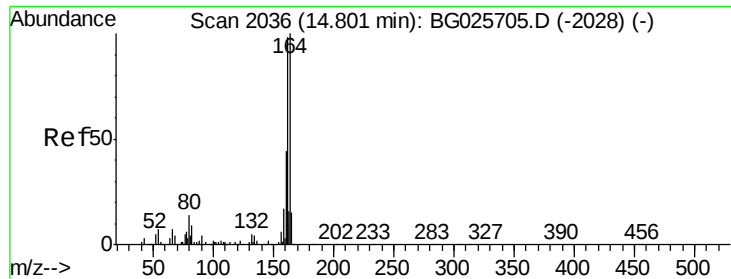
Tgt Ion:128 Resp: 57683
Ion Ratio Lower Upper
128 100
129 7.9 9.3 13.9#
127 15.4 11.4 17.0



#32
Benzoic acid
Concen: 7.91 ng
RT: 10.39 min Scan# 1285
Delta R.T. 0.09 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 97.5 120.1 160.1#
77 0.0 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

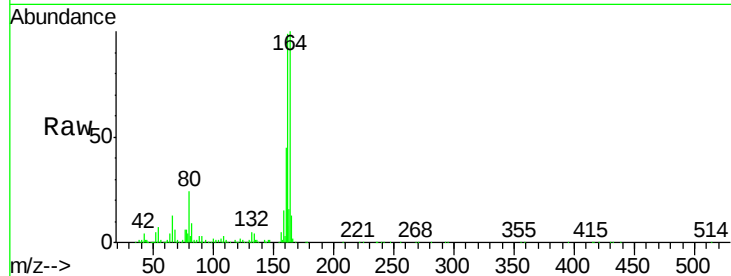
RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

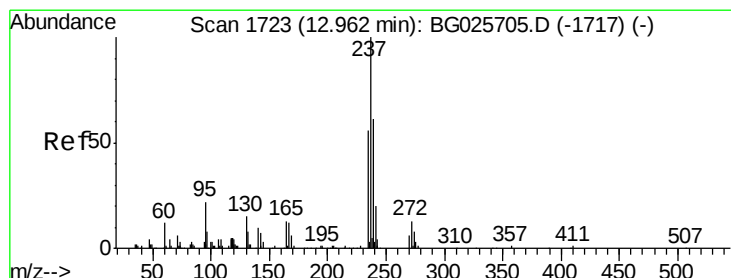
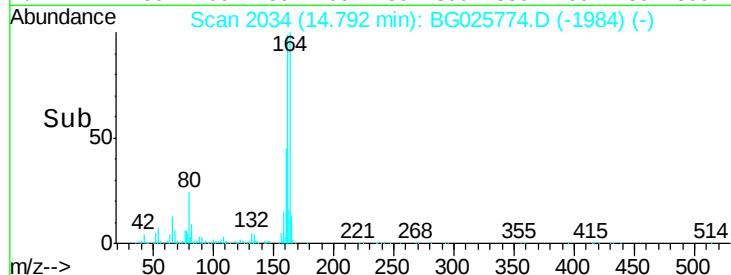
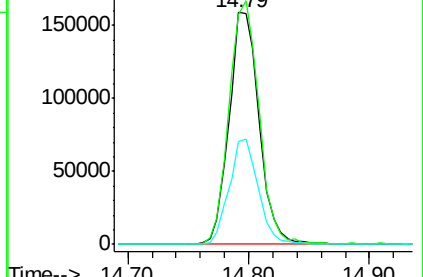
Tgt Ion:	164	Resp:	275623
Ion Ratio	Lower	Upper	
164	100		
162	98.8	85.1	127.7
160	44.6	34.7	52.1



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



#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

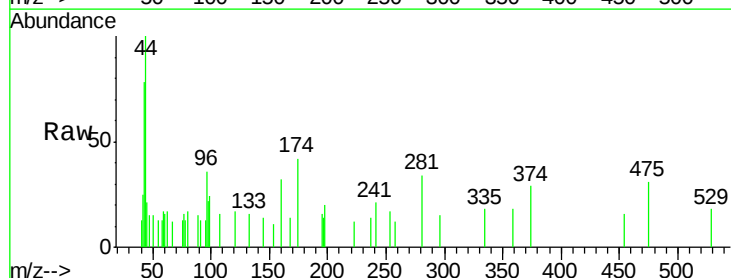
RT: 12.96 min Scan# 1723

Delta R.T. 0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

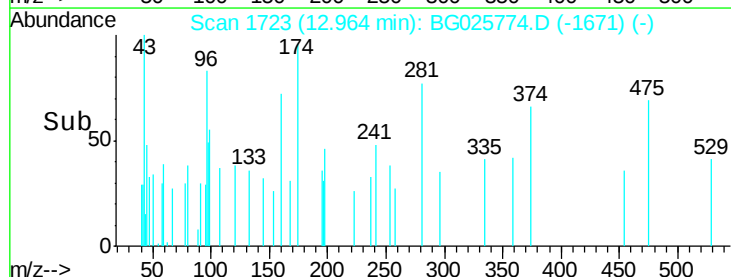
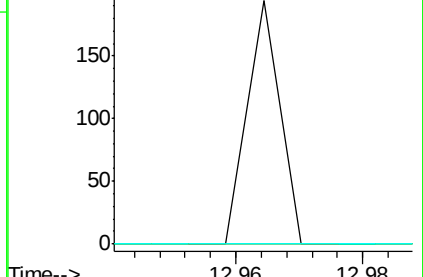
Tgt Ion:	237	Resp:	68
Ion Ratio	Lower	Upper	
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0

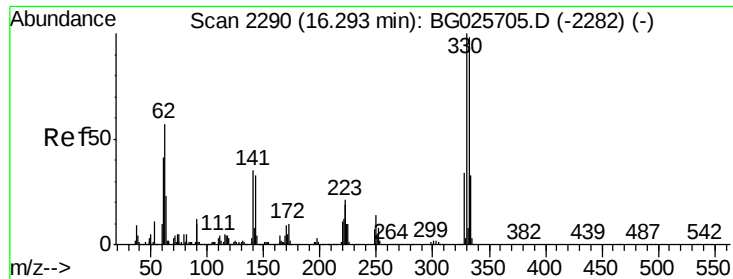


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

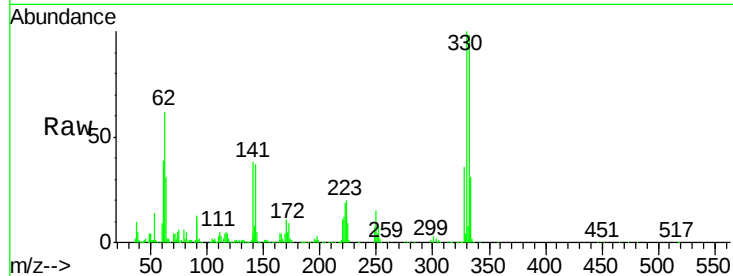
Ion 271.75 (271.45 to 272.45): E



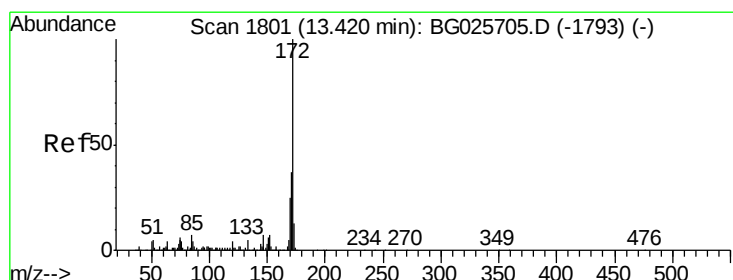
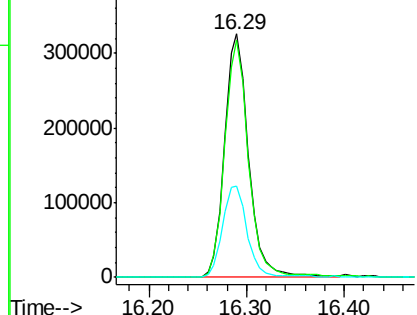
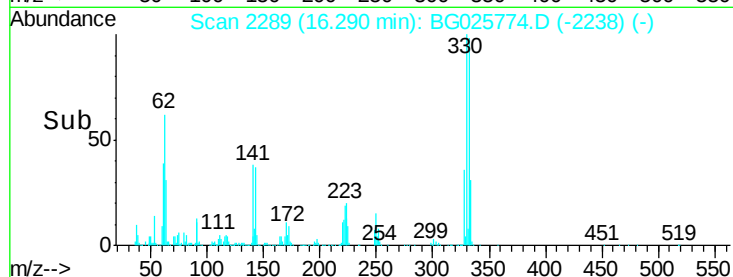


#41
 2,4,6-Tribromophenol
 Concen: 141.66 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025774.D
 Acq: 3 Feb 2017 1:32

Tgt Ion: 330 Resp: 556823
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.8 32.1 48.1

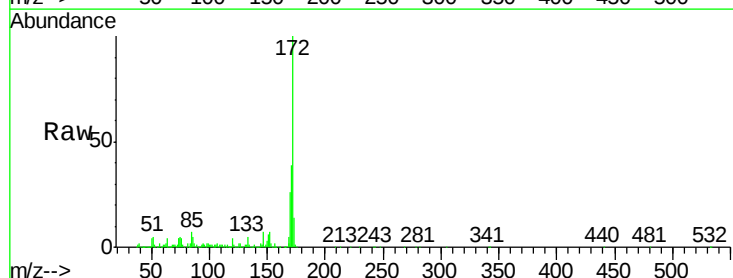


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

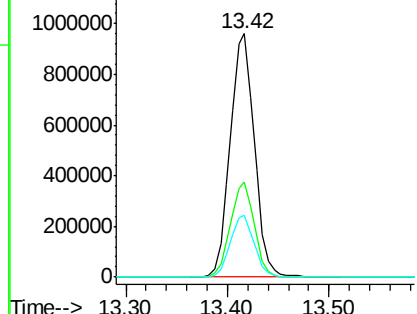
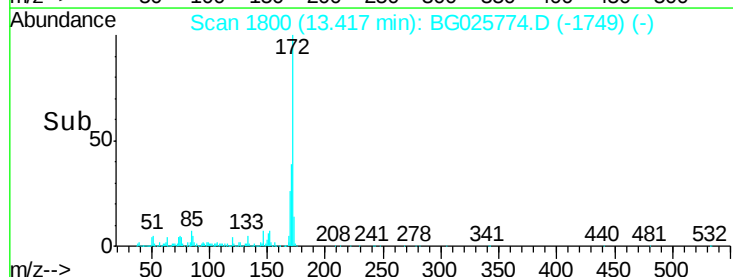


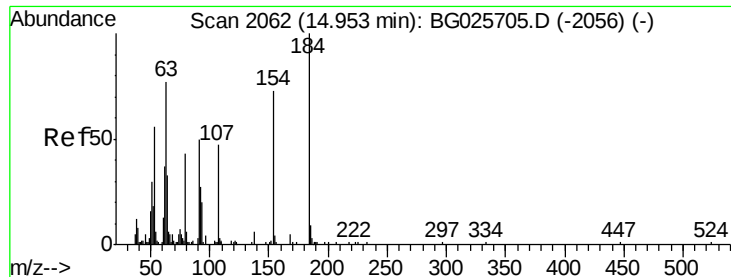
#44
 2-Fluorobiphenyl
 Concen: 93.71 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025774.D
 Acq: 3 Feb 2017 1:32

Tgt Ion: 172 Resp: 1590288
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 25.6 21.8 32.6



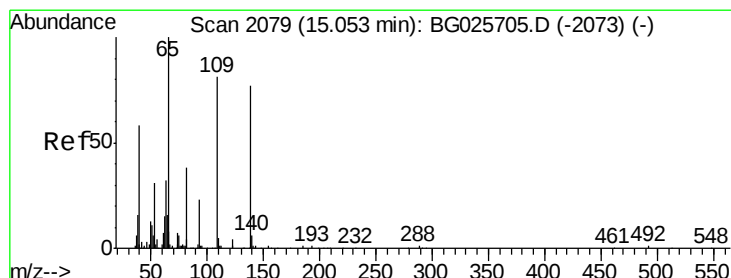
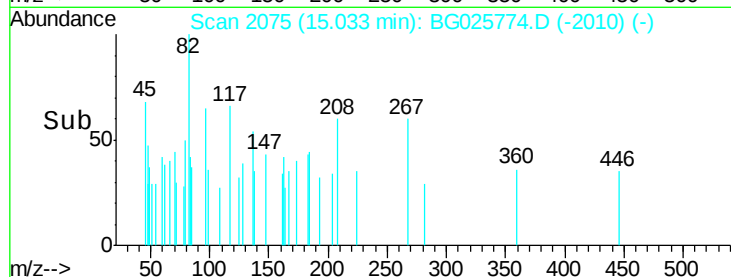
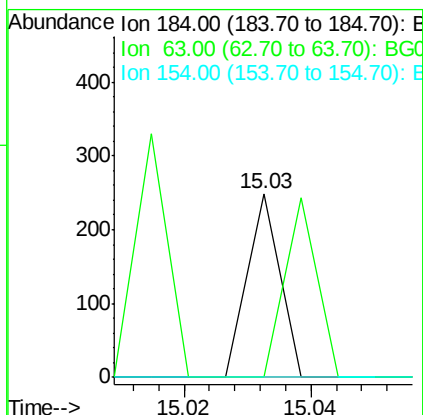
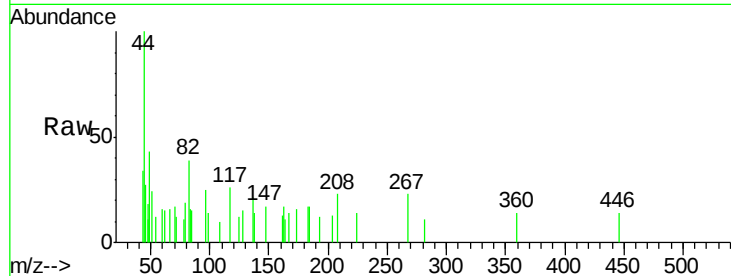
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





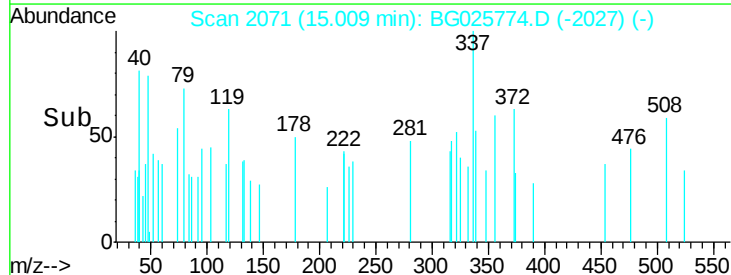
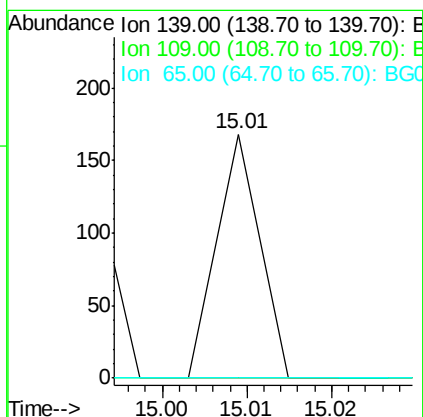
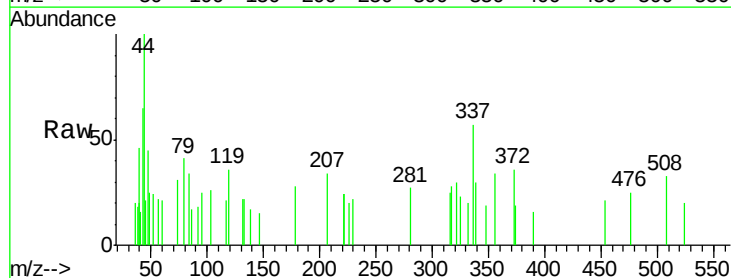
#53
 2,4-Dinitrophenol
 Concen: 9.47 ng
 RT: 15.03 min Scan# 2075
 Delta R.T. 0.08 min
 Lab File: BG025774.D
 Acq: 3 Feb 2017 1:32

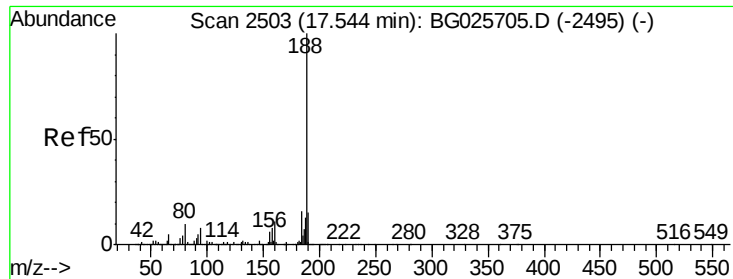
Tgt Ion:184 Resp: 88
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#55
 4-Nitrophenol
 Concen: 5.60 ng
 RT: 15.01 min Scan# 2071
 Delta R.T. -0.04 min
 Lab File: BG025774.D
 Acq: 3 Feb 2017 1:32

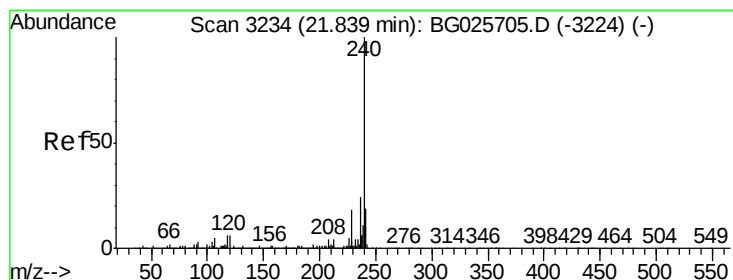
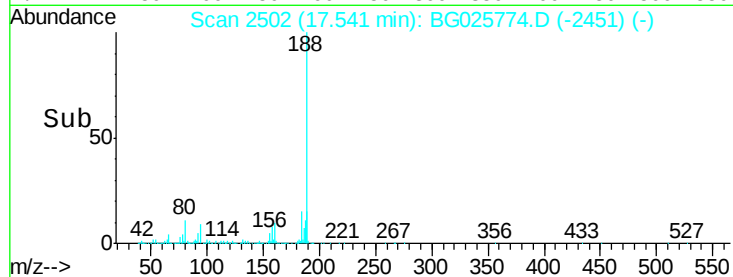
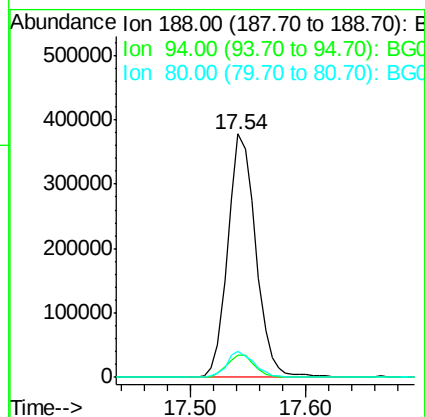
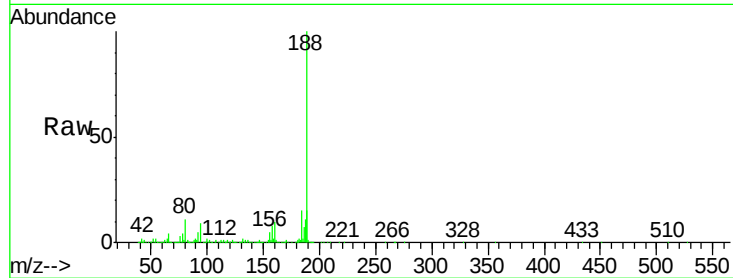
Tgt Ion:139 Resp: 59
 Ion Ratio Lower Upper
 139 100
 109 0.0 101.2 141.2#
 65 0.0 135.3 175.3#





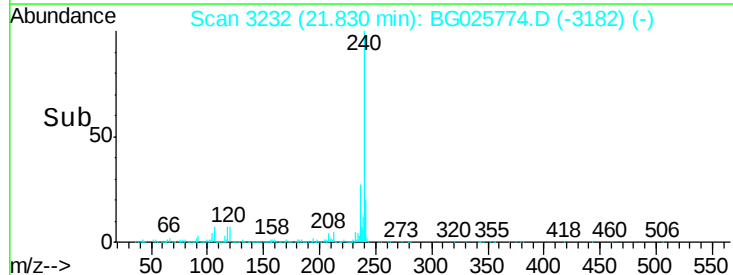
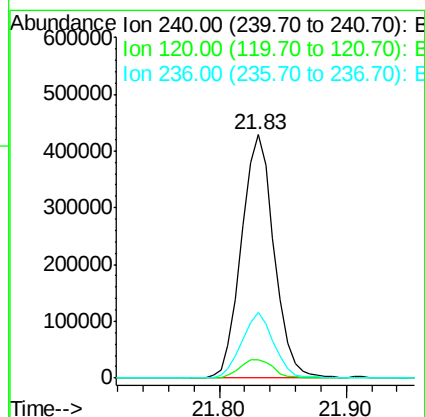
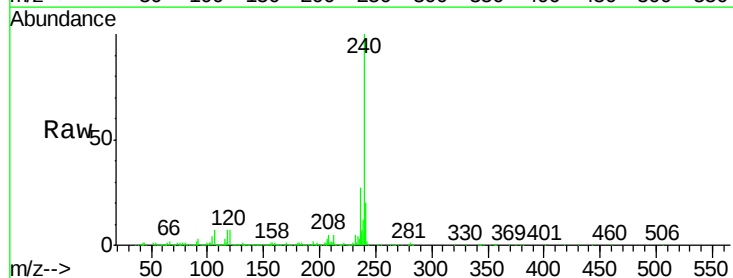
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

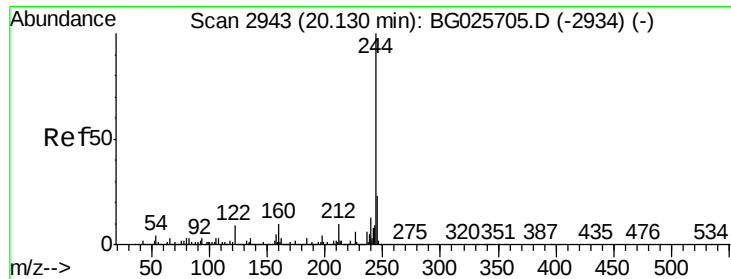
Tgt Ion:188 Resp: 634939
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 10.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025774.D
Acq: 3 Feb 2017 1:32

Tgt Ion:240 Resp: 765771
Ion Ratio Lower Upper
240 100
120 7.4 5.7 8.5
236 27.1 22.2 33.4





#78

Terphenyl-d14

Concen: 85.48 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

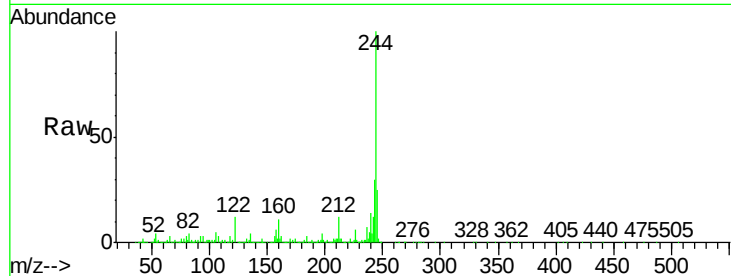
Tgt Ion:244 Resp: 2711974

Ion Ratio Lower Upper

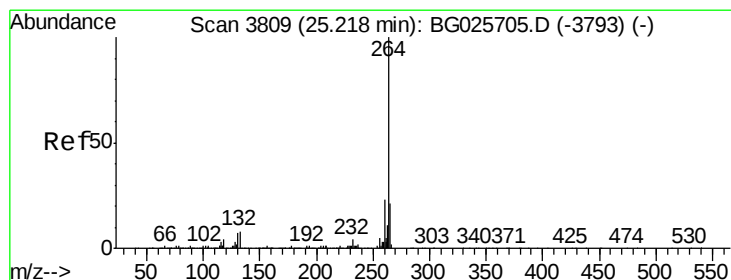
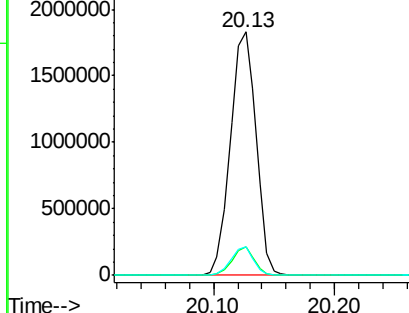
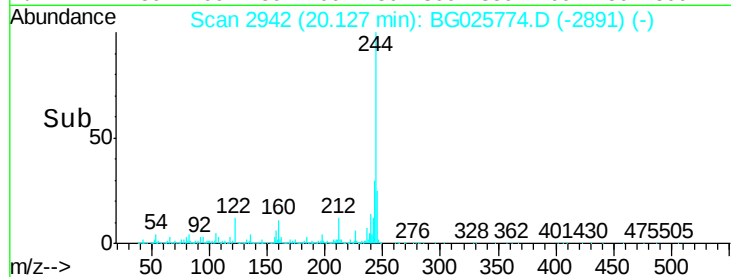
244 100

212 11.6 10.0 15.0

122 11.5 8.6 12.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025774.D

Acq: 3 Feb 2017 1:32

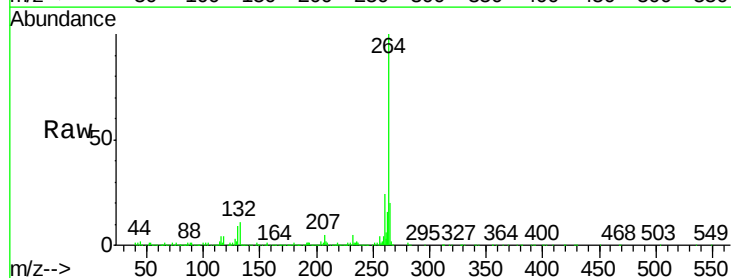
Tgt Ion:264 Resp: 723754

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 19.8 18.2 27.4



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

