

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040164.D
 Acq On : 27 Mar 2019 2:20
 Operator : JU/SJ
 Sample : K2103-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-A

Quant Time: Mar 27 03:00:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36831	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	152446	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	104314	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	250861	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	254282	20.00	ng	-0.04
87) Perylene-d12	25.15	264	253915	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	67770	31.39	ng	-0.02
7) Phenol-d6	7.28	99	62324	19.36	ng	-0.03
23) Nitrobenzene-d5	9.32	82	189890	67.37	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	84112	69.18	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	445420	60.80	ng	-0.03
79) Terphenyl-d14	20.10	244	653444	56.58	ng	-0.02

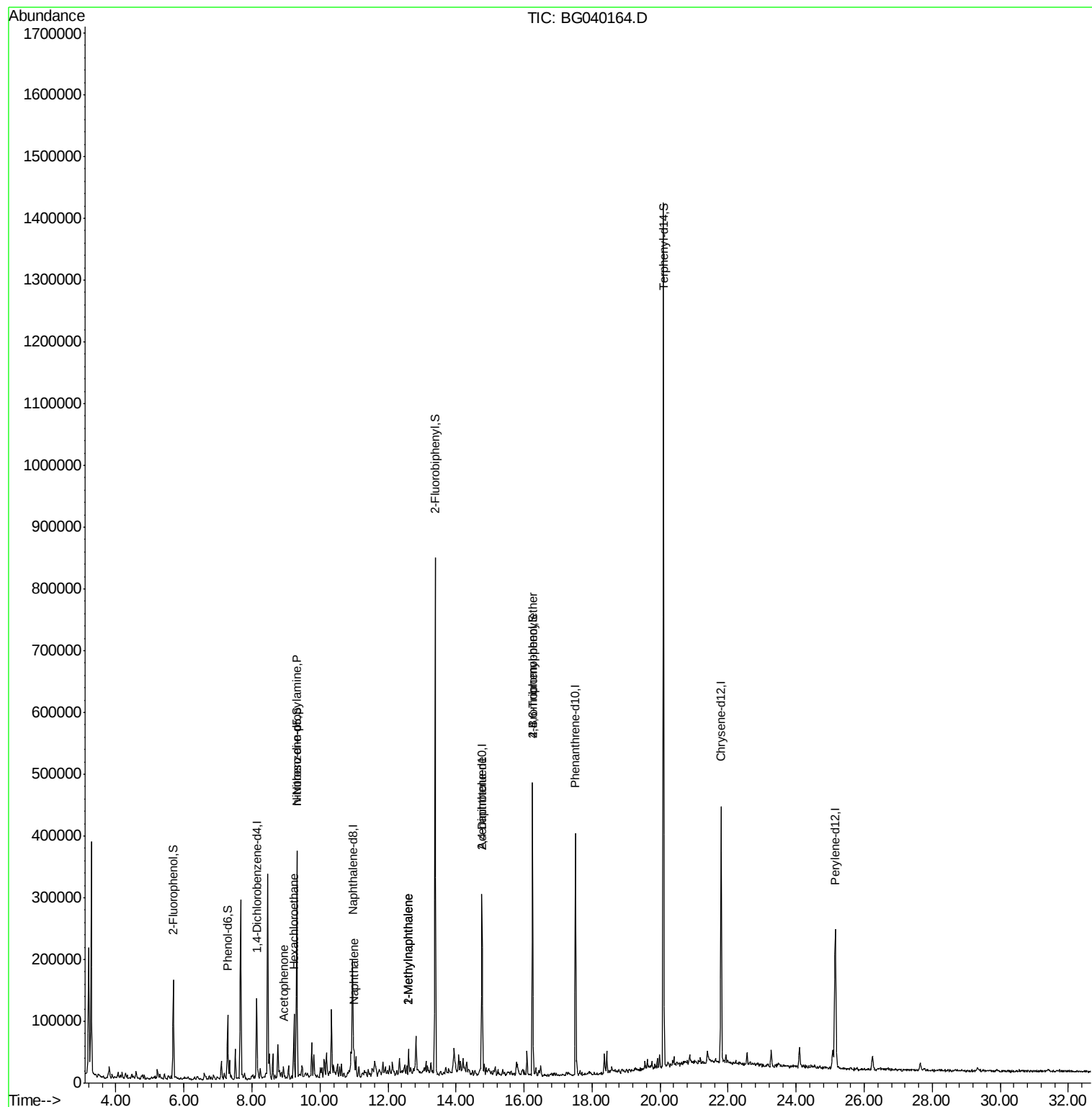
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	9.23	117	10988	10.149	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	24719	10.669	ng	# 69
22) Acetophenone	8.93	105	15150	3.703	ng	# 50
31) Naphthalene	11.01	128	19003	2.354	ng	# 95
37) 2-Methylnaphthalene	12.60	142	19900	3.298	ng	95
38) 1-Methylnaphthalene	12.60	142	19900	3.393	ng	96
57) 2,4-Dinitrotoluene	14.76	165	14196	5.464	ng	# 21
67) 4-Bromophenyl-phenylether	16.25	248	6514	2.320	ng	# 1

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

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QLast Update : Mon Mar 04 14:38:15 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-A

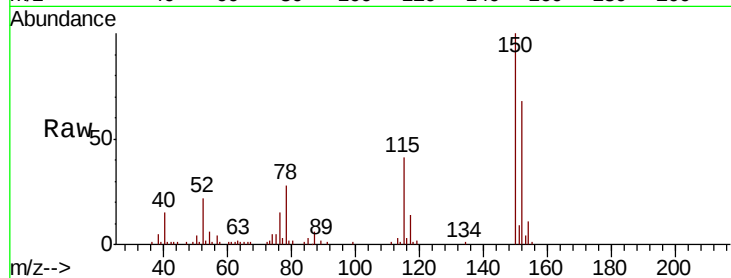
Tgt Ion:152 Resp: 36831

Ion Ratio Lower Upper

152 100

150 146.3 123.7 185.5

115 59.4 45.9 68.9

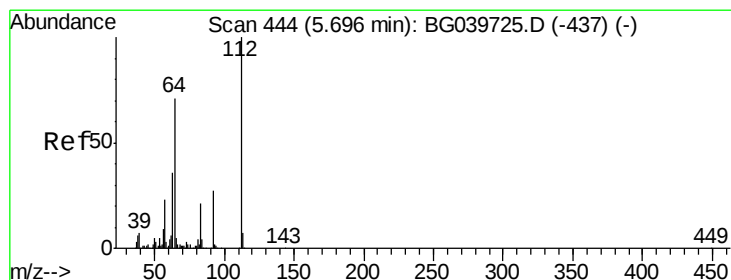
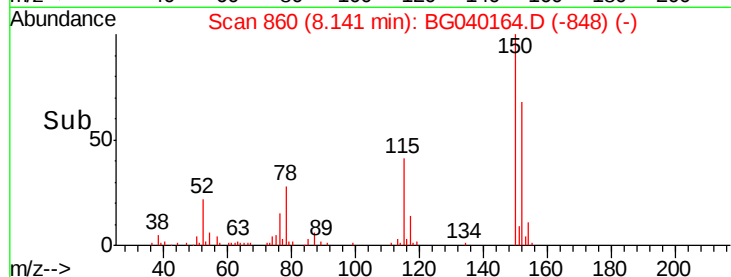
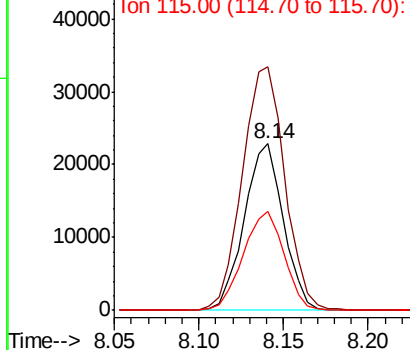


Abundance

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: 31.391 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

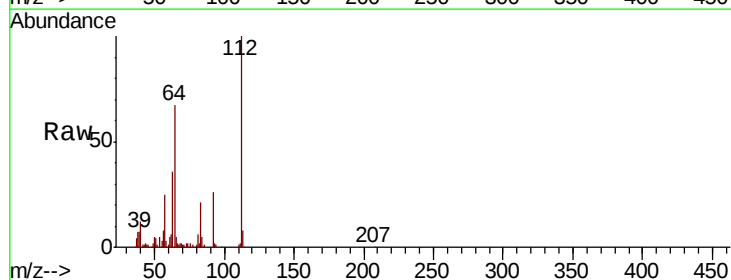
Tgt Ion:112 Resp: 67770

Ion Ratio Lower Upper

112 100

64 67.2 57.8 86.8

63 35.7 29.8 44.6

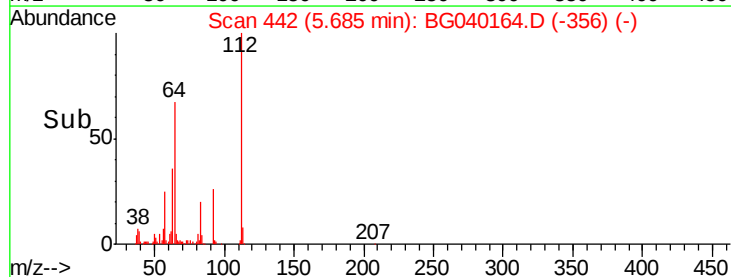
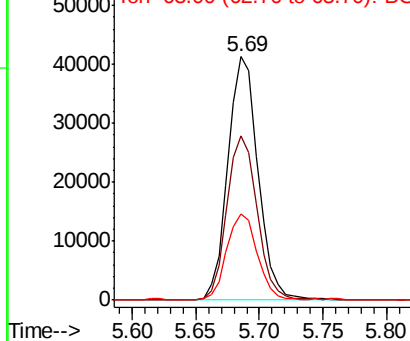


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 19.361 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-A

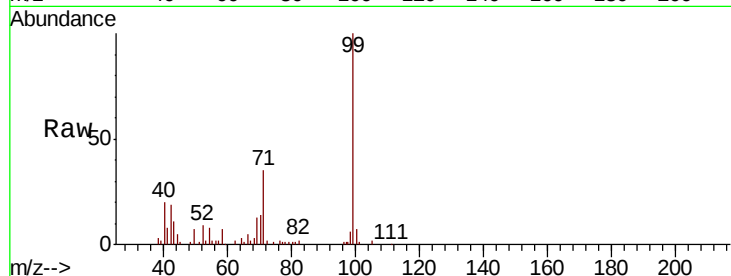
Tgt Ion: 99 Resp: 62324

Ion Ratio Lower Upper

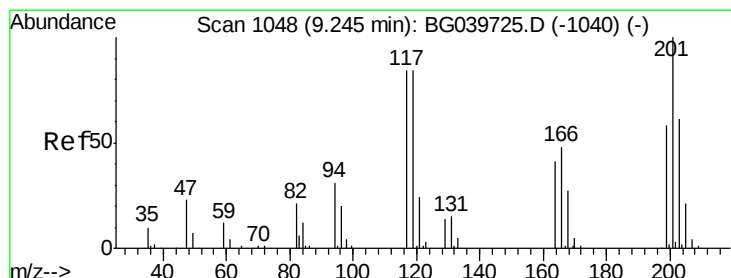
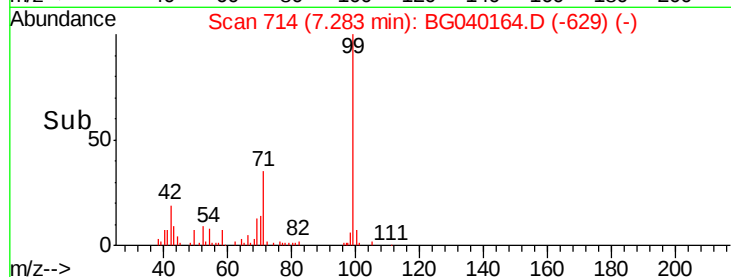
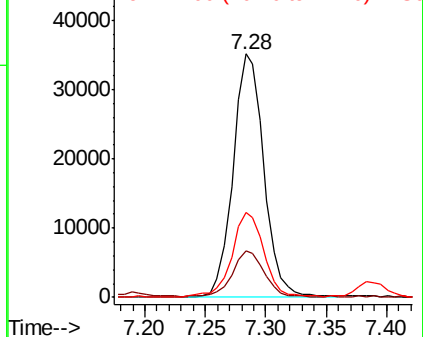
99 100

42 19.3 18.2 27.2

71 34.9 28.0 42.0



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



#18

Hexachloroethane

Concen: 10.149 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

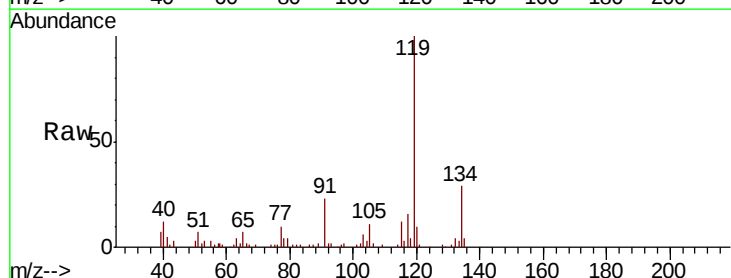
Tgt Ion: 117 Resp: 10988

Ion Ratio Lower Upper

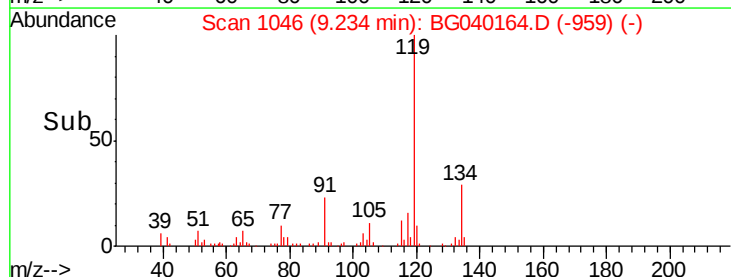
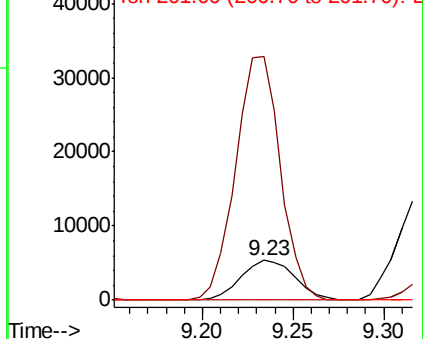
117 100

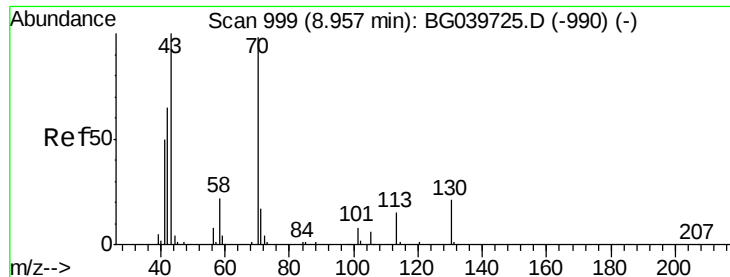
119 614.1 76.3 114.5#

201 0.0 91.1 136.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

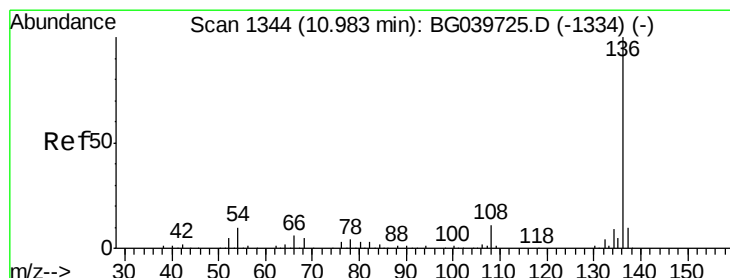
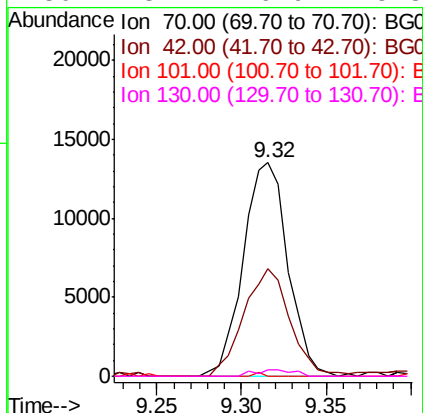
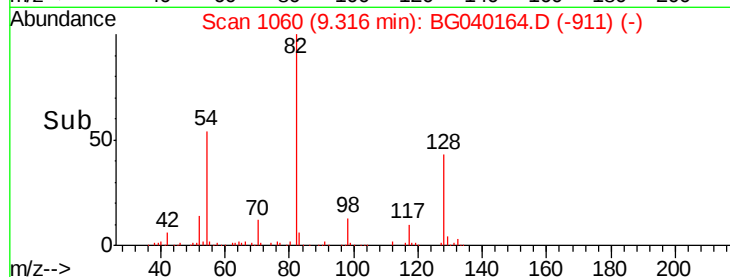
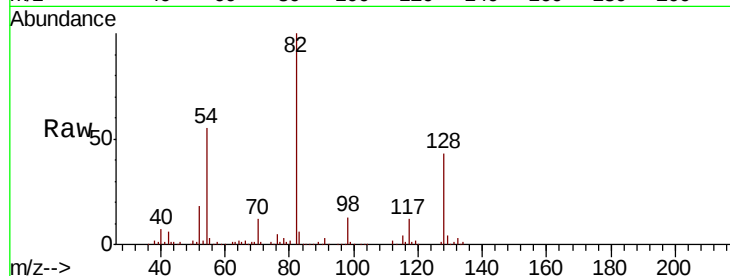




#19
n-Nitroso-di-n-propylamine
Concen: 10.669 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

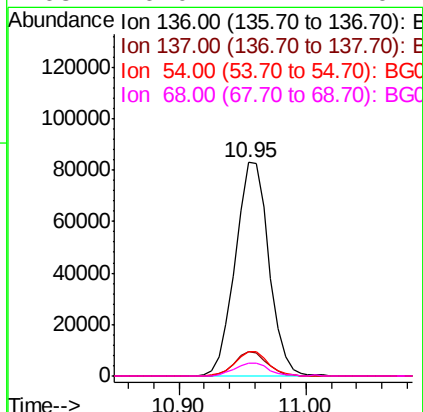
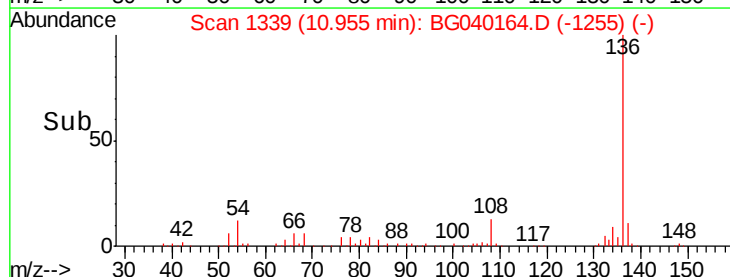
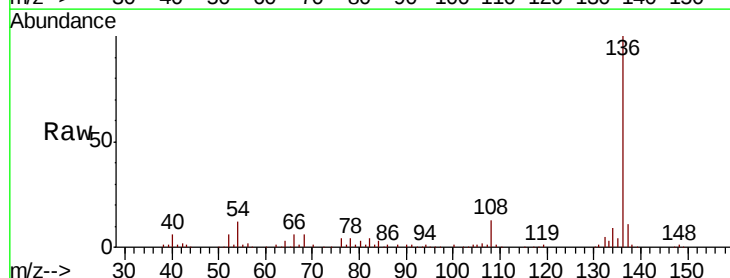
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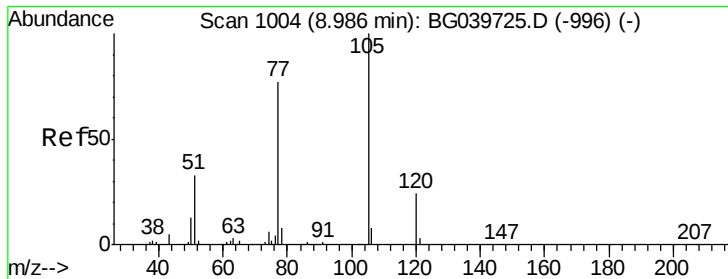
Tgt Ion:	70	Resp:	24719
Ion	Ratio	Lower	Upper
70	100		
42	50.5	60.4	90.6#
101	0.0	7.5	11.3#
130	3.2	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.04 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion:	136	Resp:	152446
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.7	9.4	14.2
68	6.0	4.2	6.4

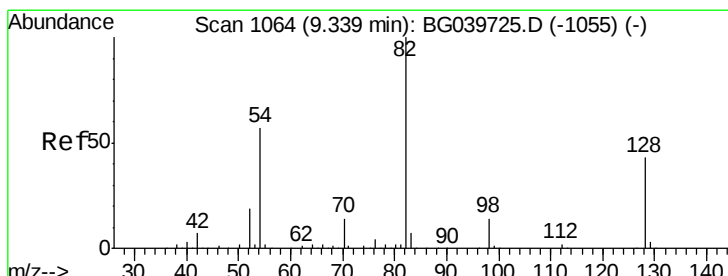
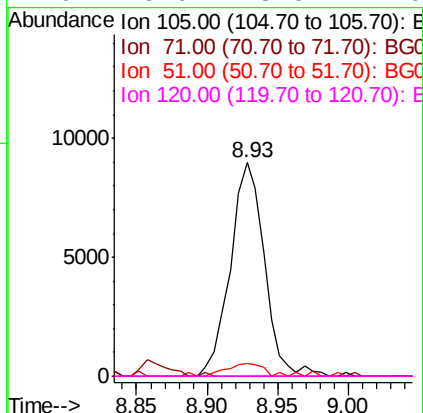
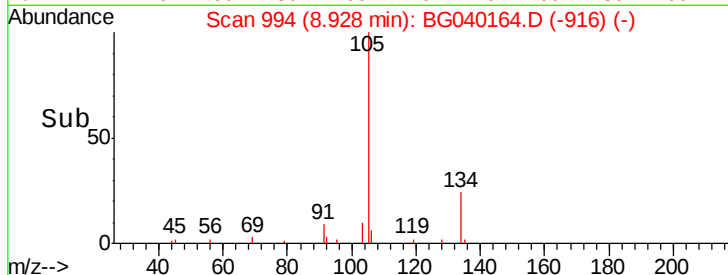
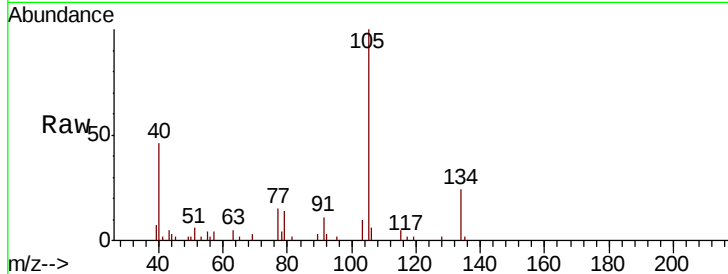




#22
Acetophenone
Concen: 3.703 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.07 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

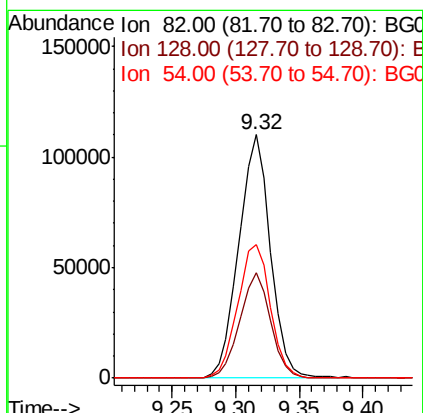
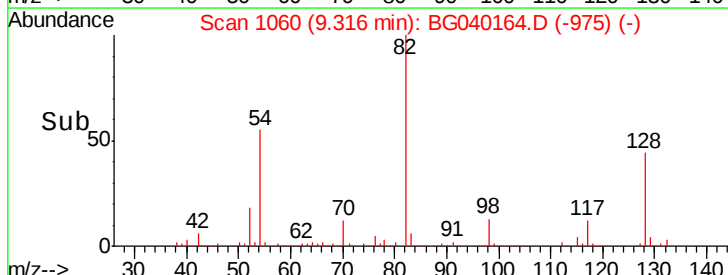
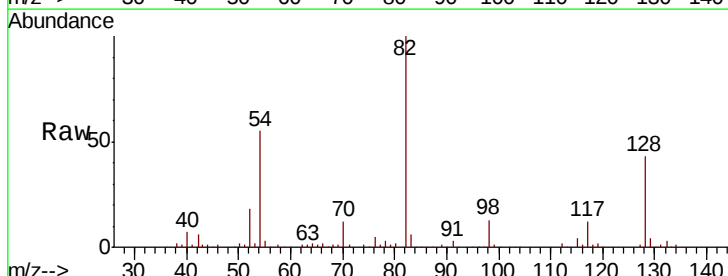
Instrument :
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ClientSampleId :
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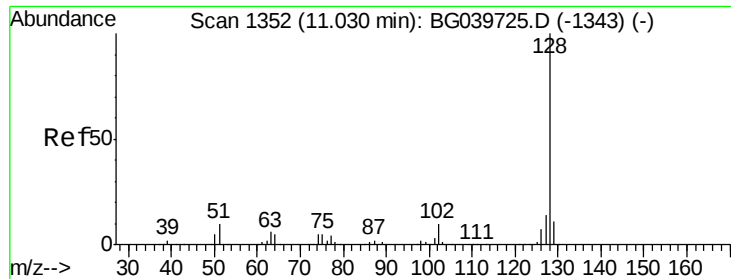
Tgt Ion: 105 Resp: 15150
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 6.2 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 67.368 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion: 82 Resp: 189890
Ion Ratio Lower Upper
82 100
128 43.4 31.3 46.9
54 55.0 50.9 76.3

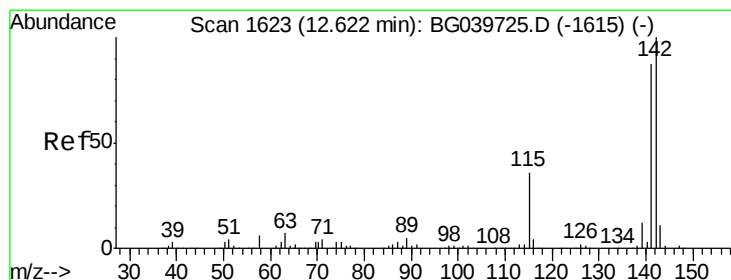
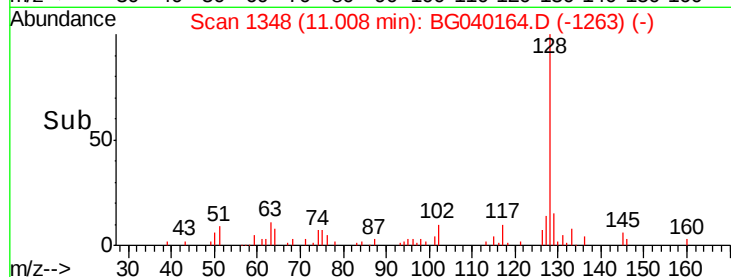
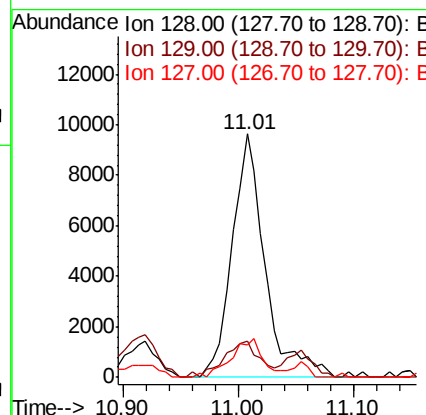
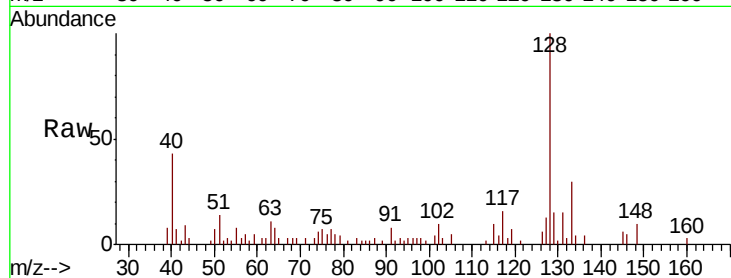




#31
Naphthalene
Concen: 2.354 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

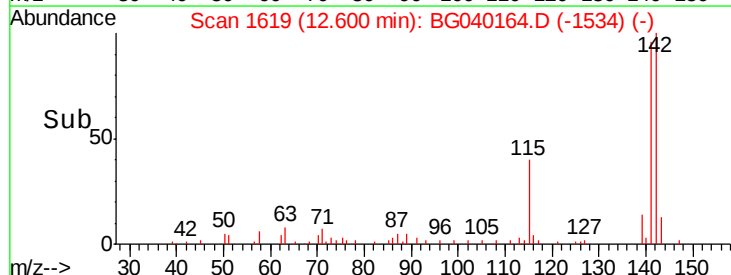
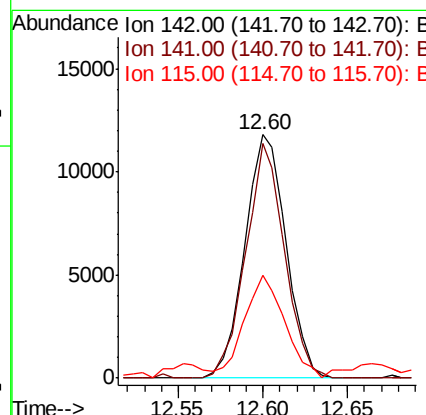
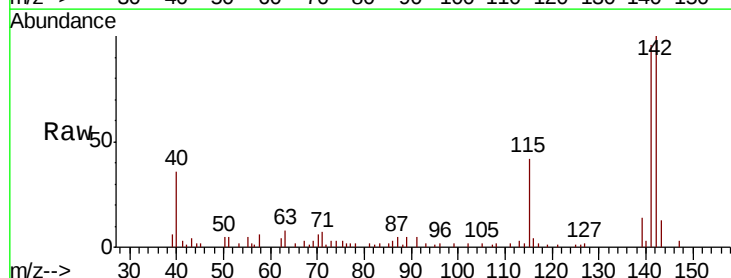
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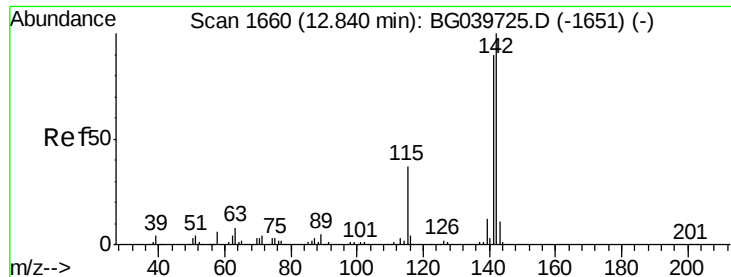
Tgt Ion:128 Resp: 19003
Ion Ratio Lower Upper
128 100
129 14.9 8.7 13.1#
127 13.3 10.8 16.2



#37
2-Methylnaphthalene
Concen: 3.298 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion:142 Resp: 19900
Ion Ratio Lower Upper
142 100
141 96.4 73.5 110.3
115 42.1 30.8 46.2

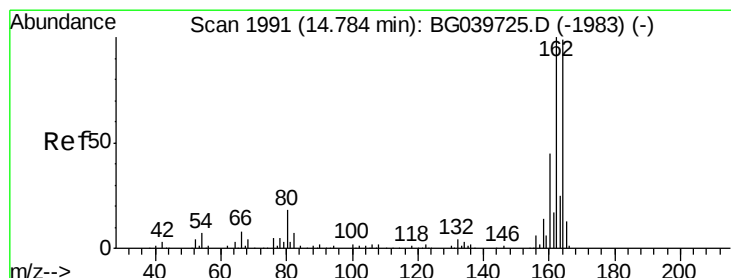
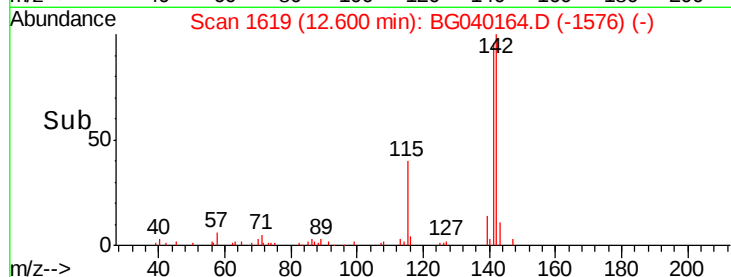
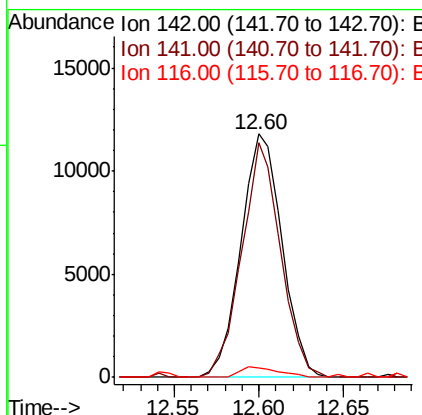
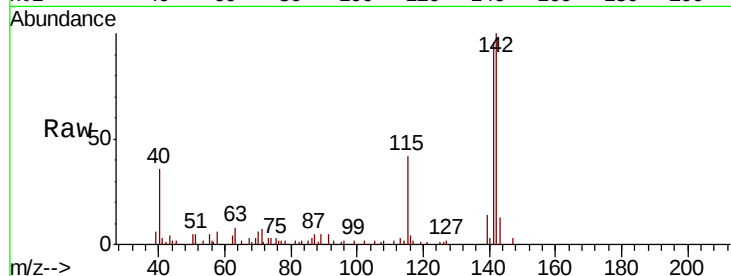




#38
 1-Methylnaphthalene
 Concen: 3.393 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.25 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

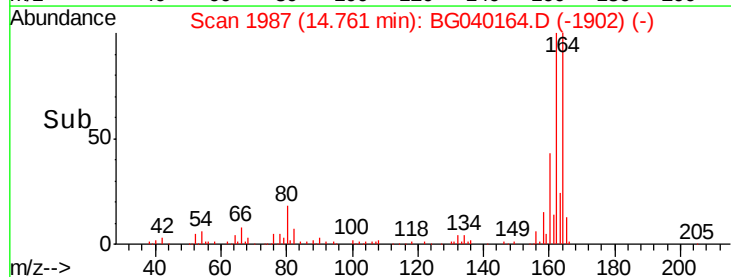
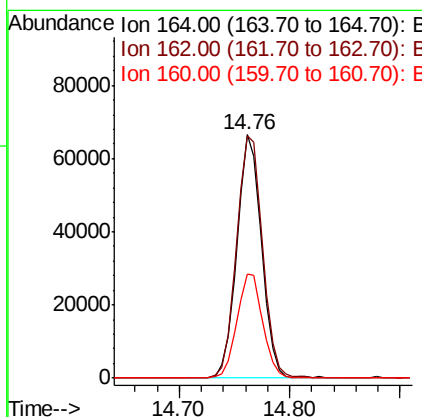
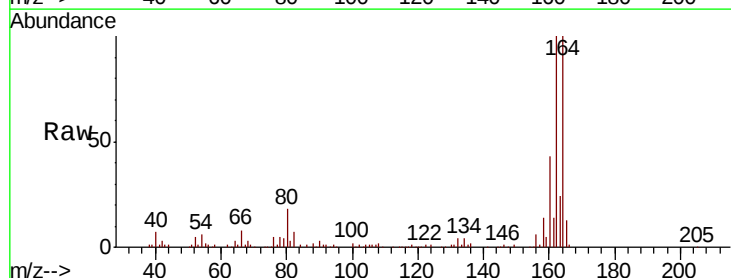
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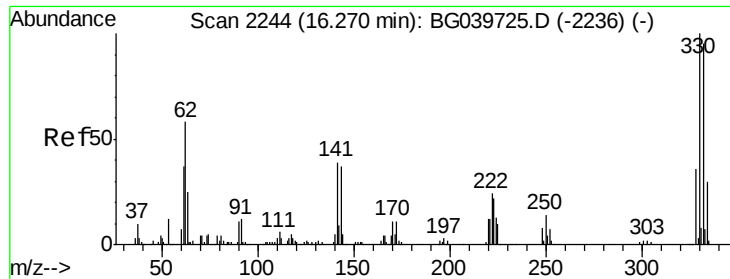
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	74.2	111.4
116	3.8	3.0	4.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.6	122.4
160	42.5	34.2	51.2

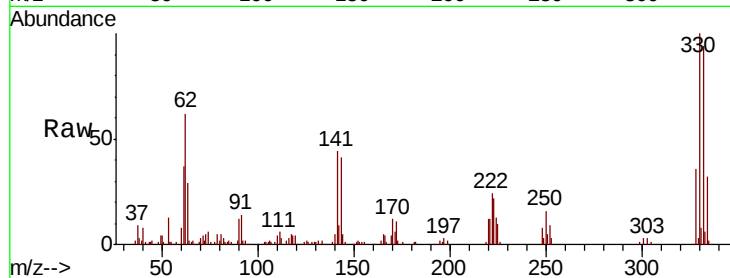




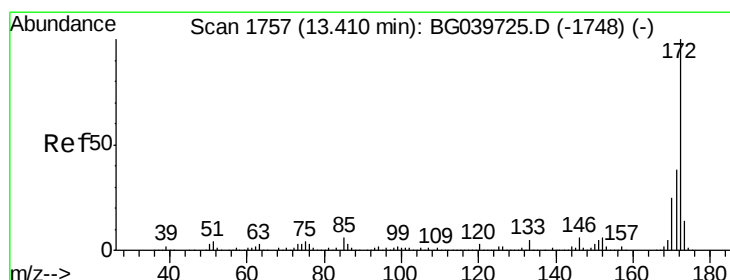
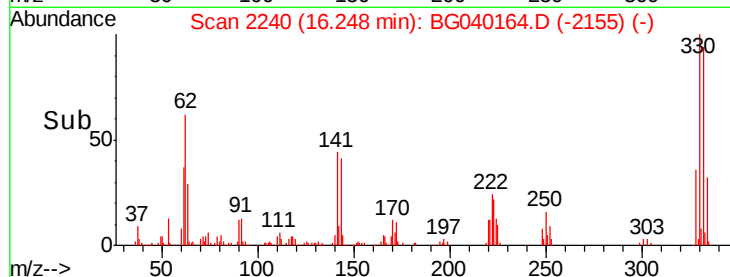
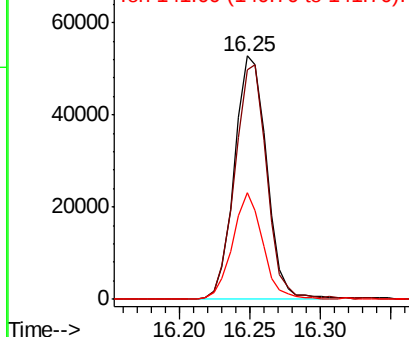
#42
 2,4,6-Tribromophenol
 Concen: 69.179 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.03 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-A

Tgt Ion:330 Resp: 84112
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 41.3 35.6 53.4

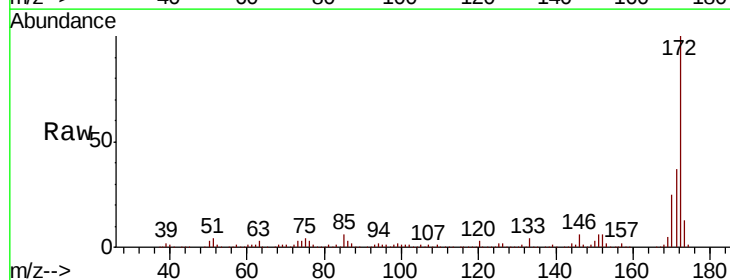


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

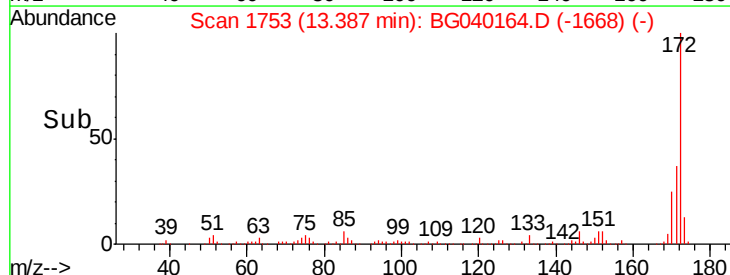
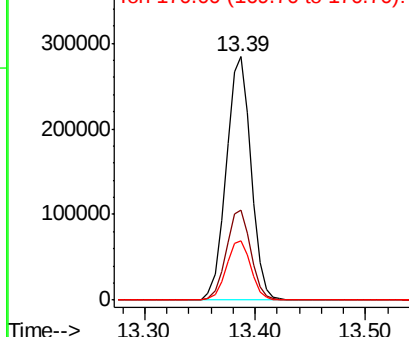


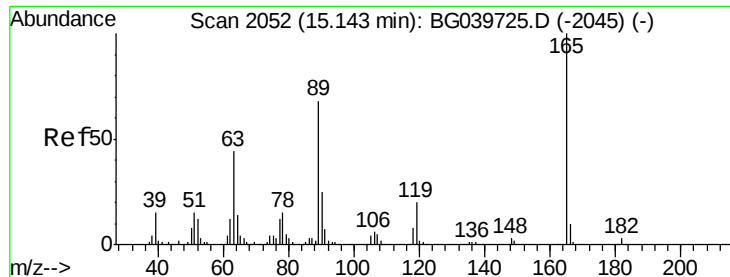
#45
 2-Fluorobiphenyl
 Concen: 60.797 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Tgt Ion:172 Resp: 445420
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.5 20.2 30.4



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

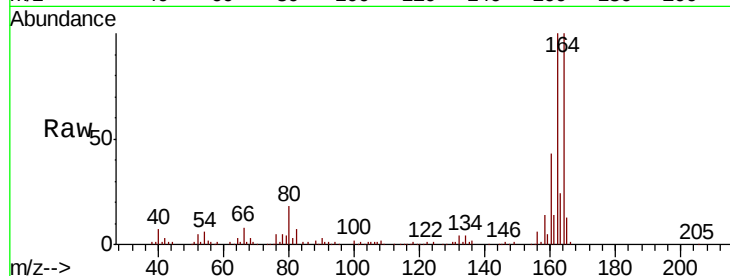




#57
 2,4-Dinitrotoluene
 Concen: 5.464 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.39 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	41.0	61.6#
89	3.5	64.6	96.8#
182	0.0	2.0	3.0#

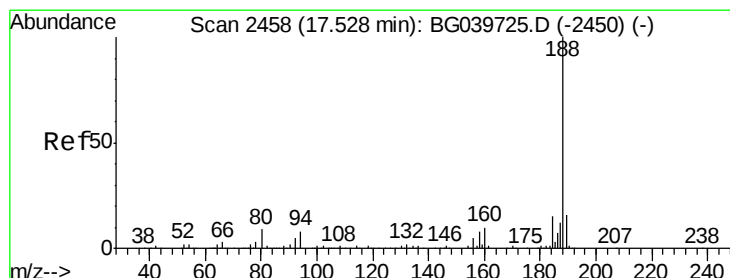
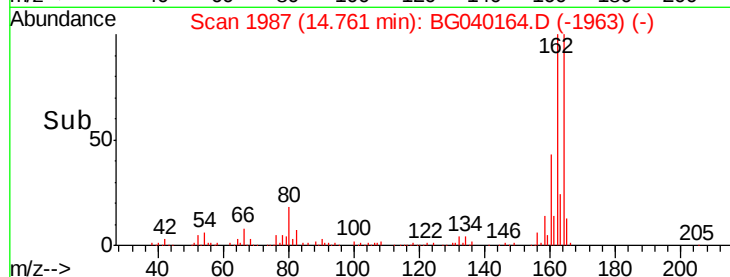
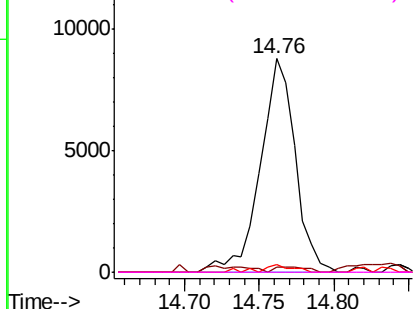


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

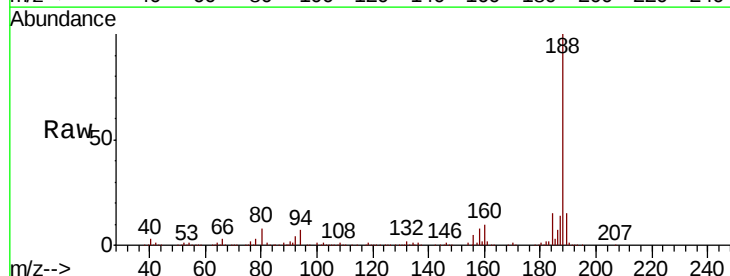
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

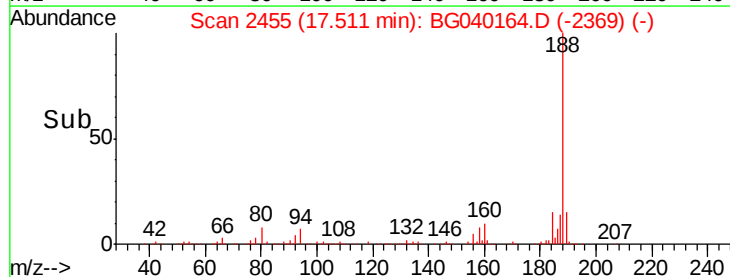
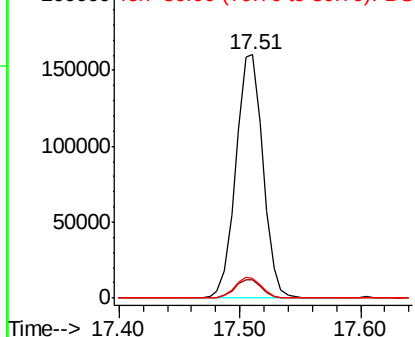
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.0	8.1	12.1#

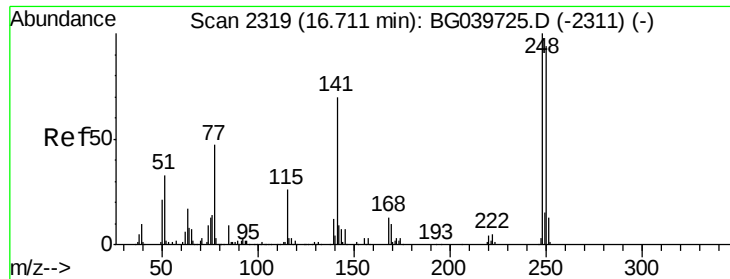


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

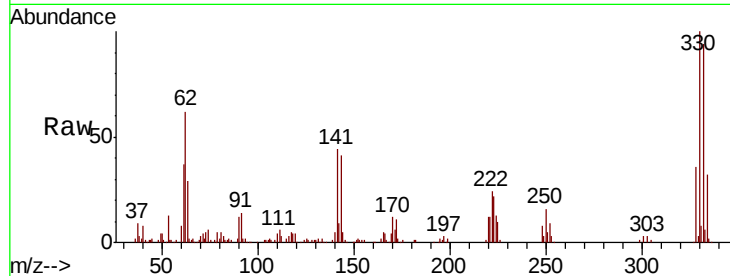




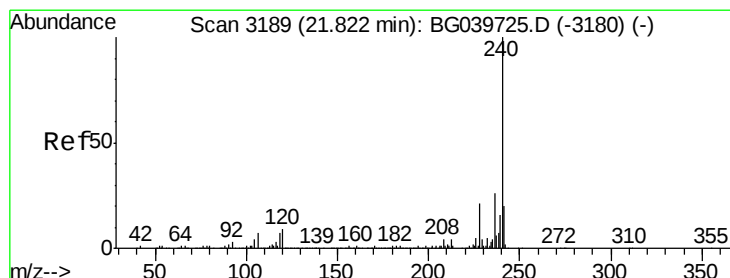
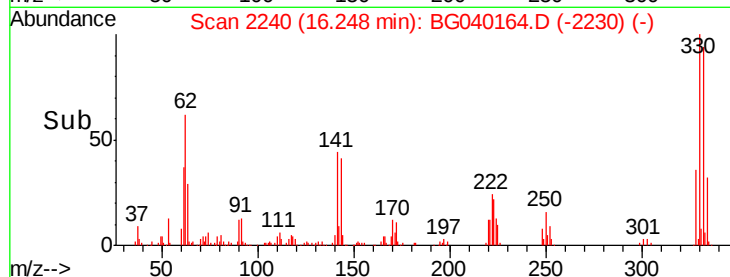
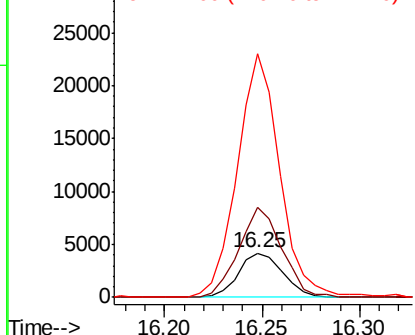
#67
 4-Bromophenyl-phenylether
 Concen: 2.320 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-A

Tgt Ion:248 Resp: 6514
 Ion Ratio Lower Upper
 248 100
 250 202.8 77.6 116.4#
 141 548.8 63.9 95.9#

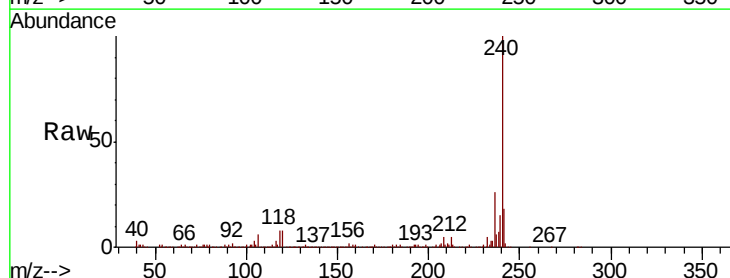


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

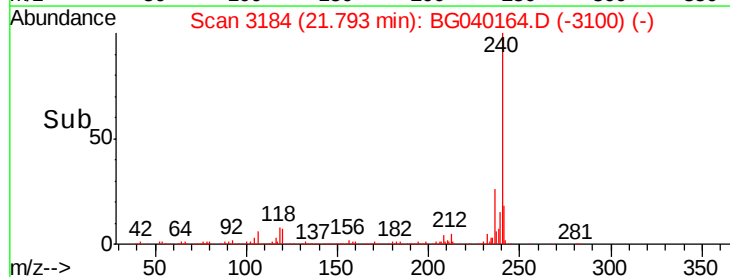
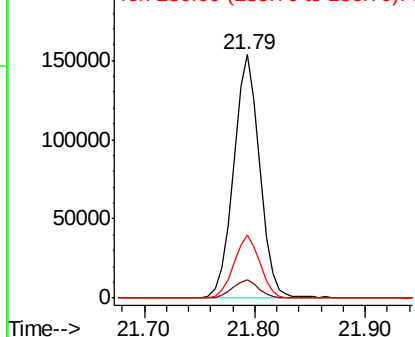


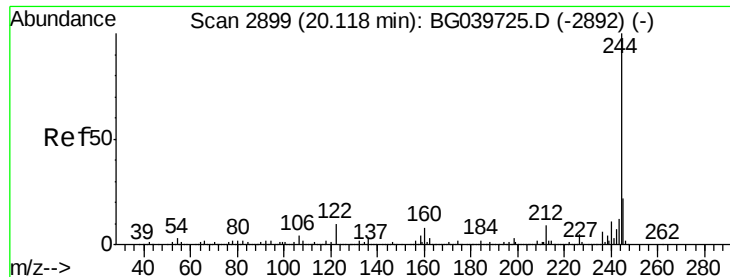
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.04 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Tgt Ion:240 Resp: 254282
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.0 10.6
 236 25.8 21.0 31.4



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





#79

Terphenyl-d14

Concen: 56.581 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-A

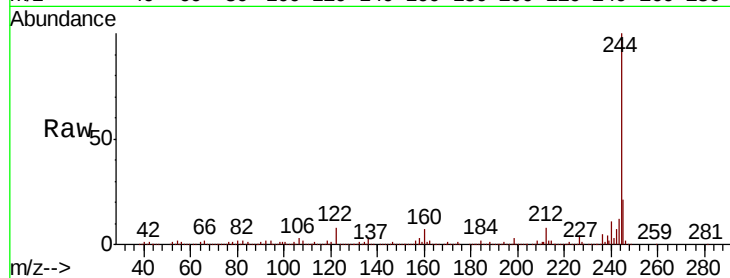
Tgt Ion:244 Resp: 653444

Ion Ratio Lower Upper

244 100

212 8.1 7.3 10.9

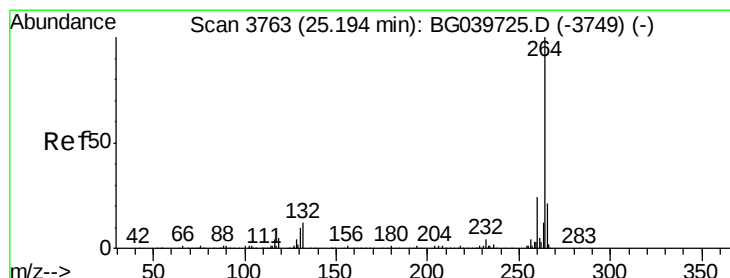
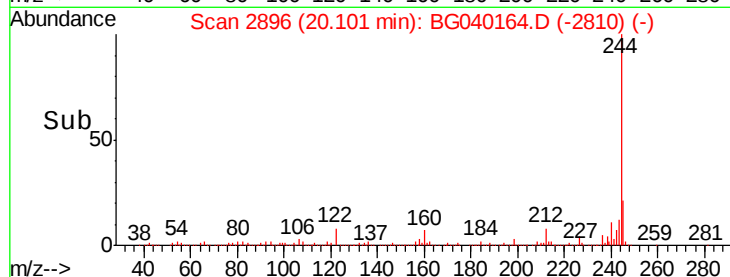
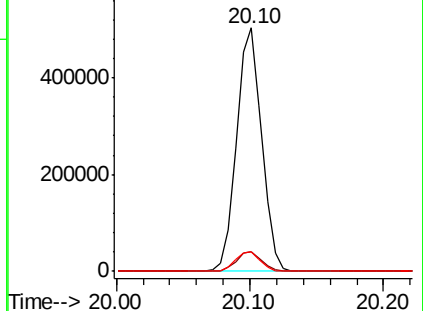
122 8.1 8.4 12.6#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

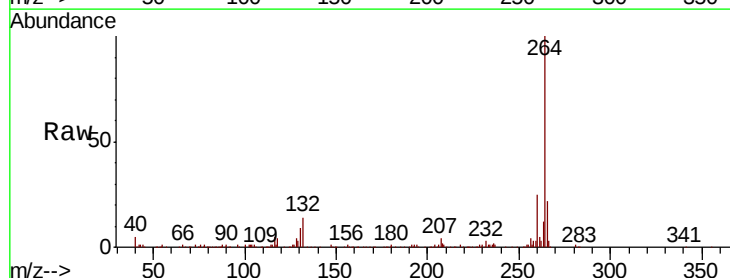
Tgt Ion:264 Resp: 253915

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.0 18.5 27.7



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

