

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040736.D
 Acq On : 3 May 2019 22:17
 Operator : JU/SJ
 Sample : K2647-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-050219-A

Quant Time: May 04 07:18:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	33491	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	141614	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	110721	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	309840	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	311786	20.00	ng	-0.02
87) Perylene-d12	25.16	264	316805	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	347307	182.80	ng	0.00
7) Phenol-d6	7.28	99	482376	164.90	ng	-0.01
23) Nitrobenzene-d5	9.32	82	425266	138.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	346255	227.52	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	931139	121.45	ng	-0.02
79) Terphenyl-d14	20.11	244	2059415	146.33	ng	-0.02

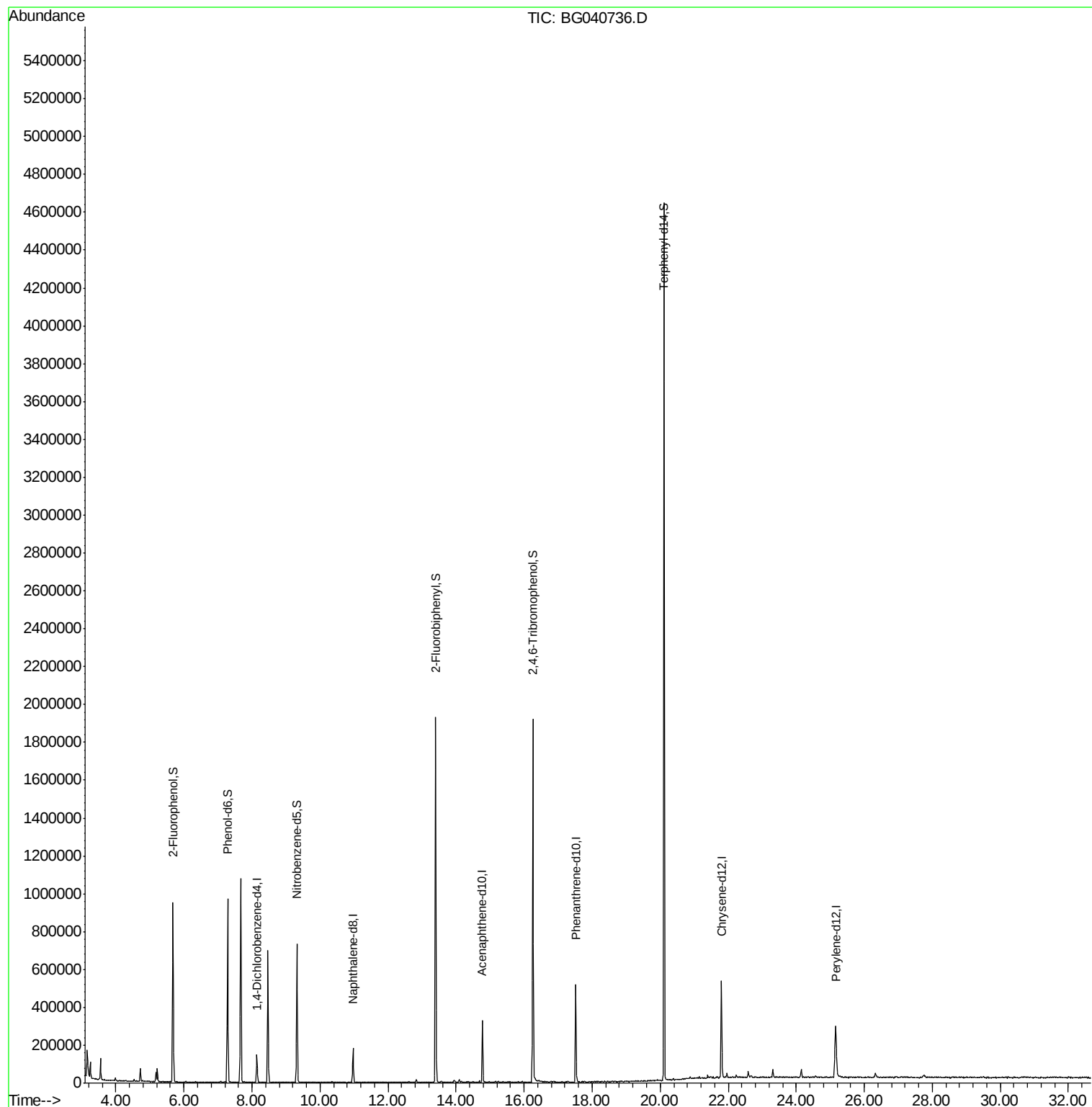
Target Compounds Qvalue

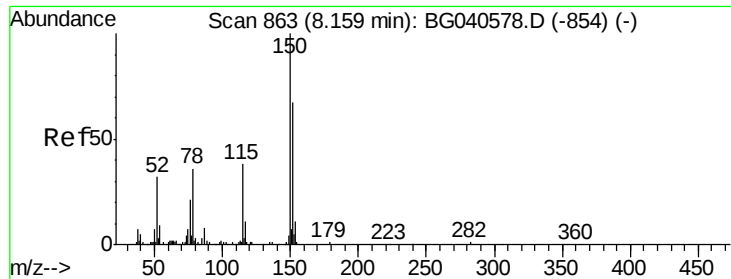
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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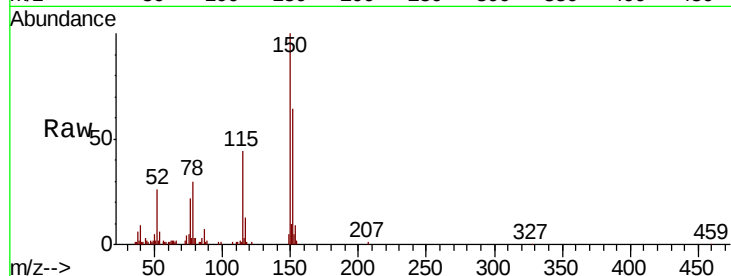


#1

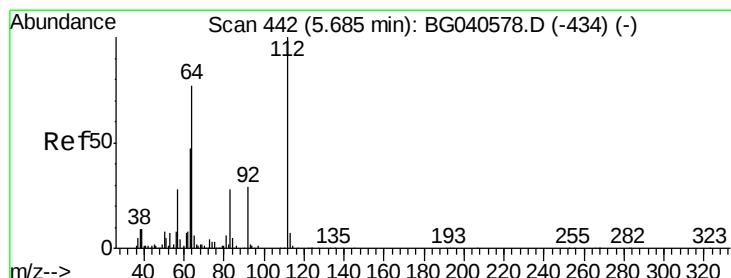
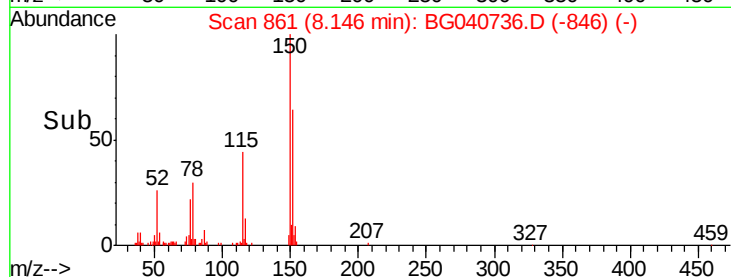
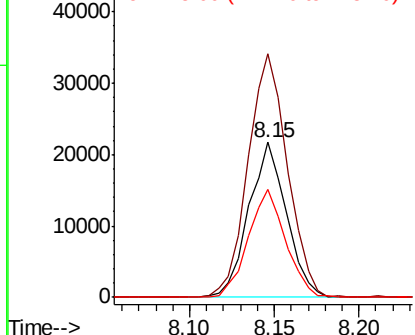
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040736.D
Acq: 3 May 2019 22:17

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-A

Tot Ion:152 Resp: 33491
Ion Ratio Lower Upper
152 100
150 157.0 120.2 180.2
115 69.2 46.2 69.2#



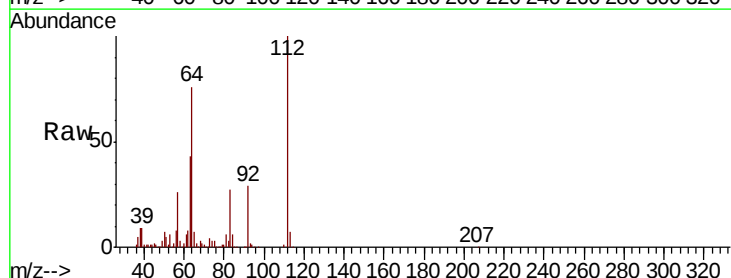
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



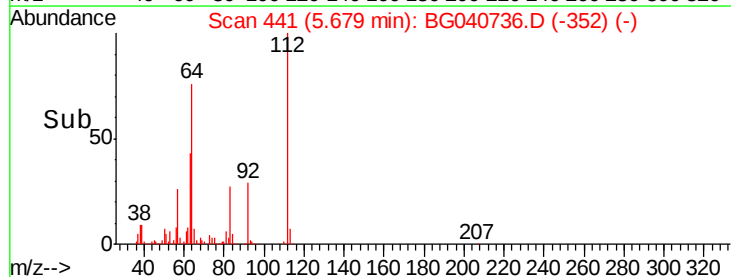
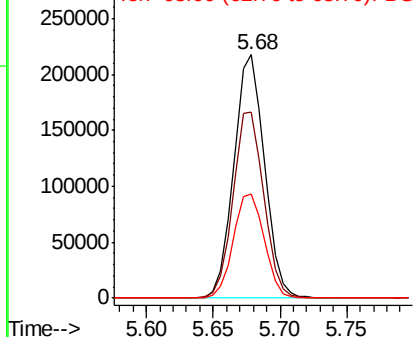
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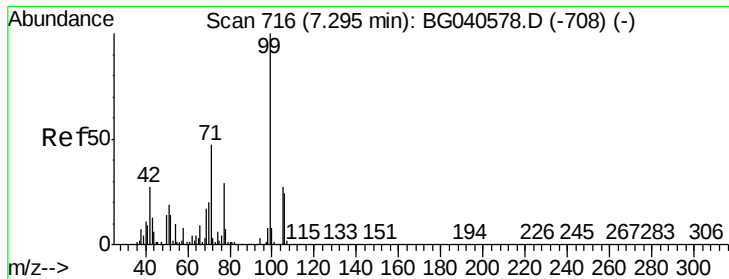
2-Fluorophenol
Concen: 182.802 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG040736.D
Acq: 3 May 2019 22:17

Tgt Ion:112 Resp: 347307
Ion Ratio Lower Upper
112 100
64 76.2 61.4 92.0
63 42.5 37.8 56.6



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: 164.896 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040736.D

Acq: 3 May 2019 22:17

Instrument :

BNA_G

ClientSampleId :

SU-04-050219-A

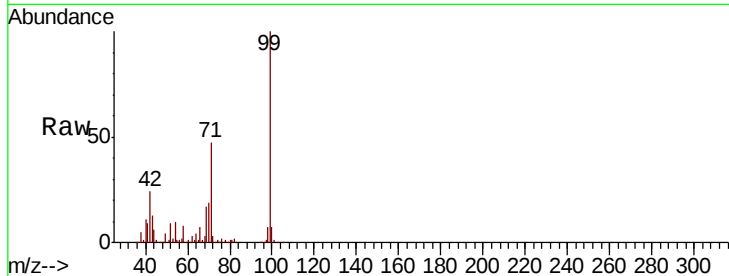
Tot Ion: 99 Resp: 482376

Ion Ratio Lower Upper

99 100

42 23.7 21.8 32.8

71 46.9 38.6 57.8

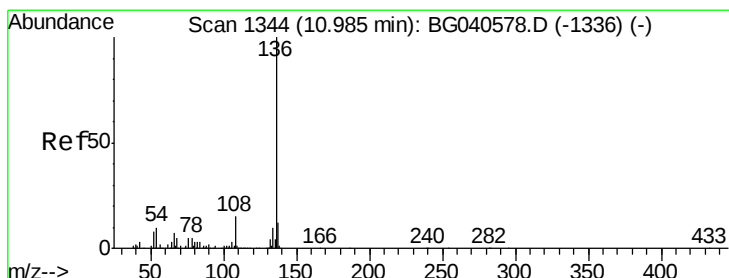
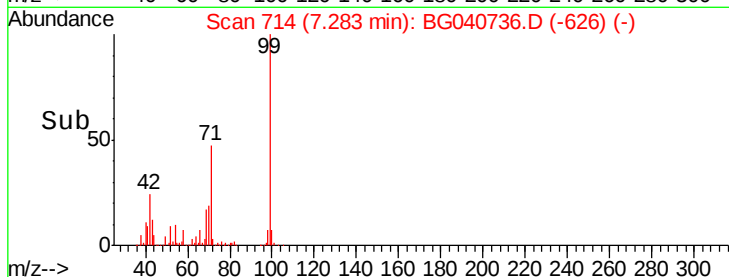
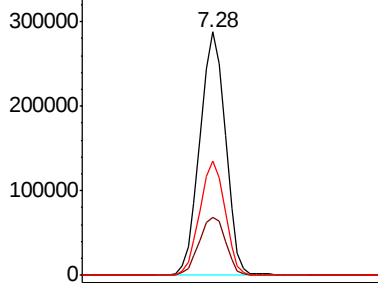


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040736.D

Acq: 3 May 2019 22:17

Tgt Ion: 136 Resp: 141614

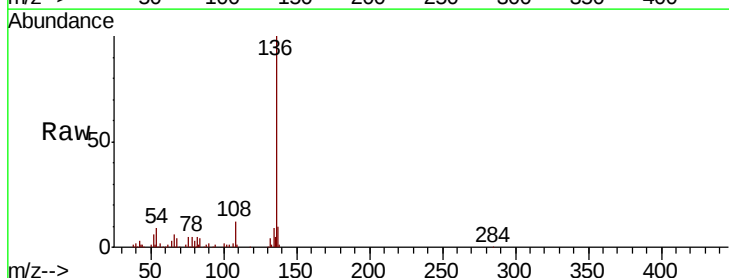
Ion Ratio Lower Upper

136 100

137 10.1 9.7 14.5

54 9.2 8.6 12.8

68 4.3 4.8 7.2#



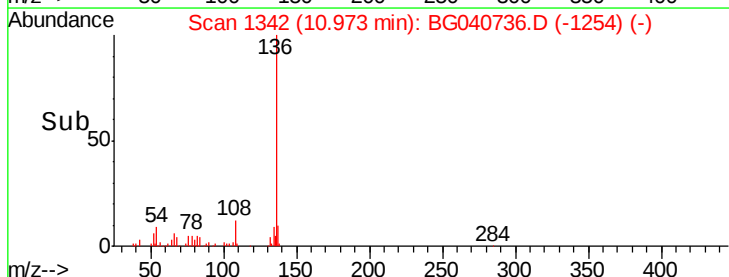
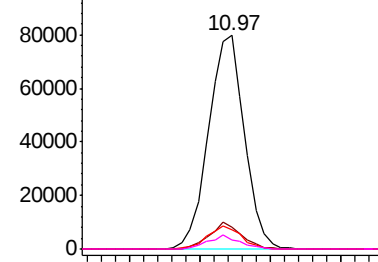
Abundance

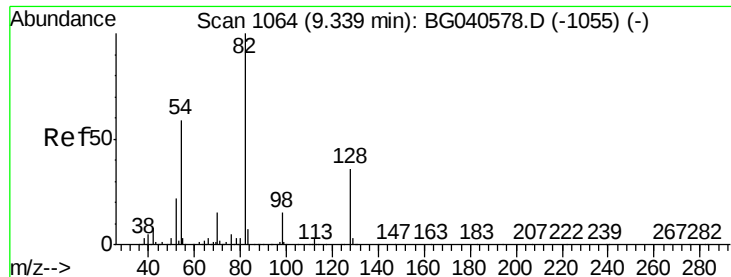
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

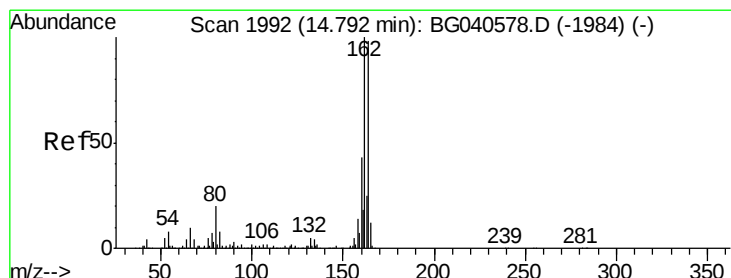
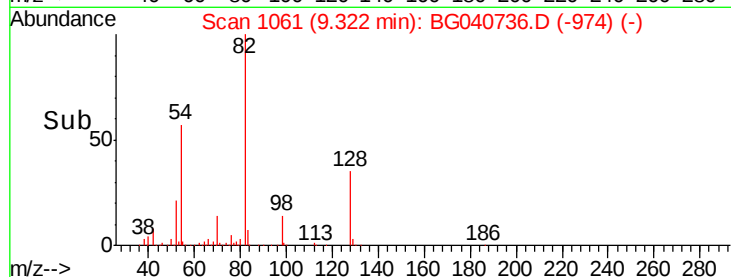
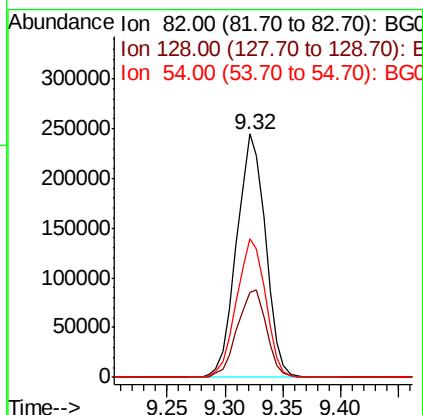
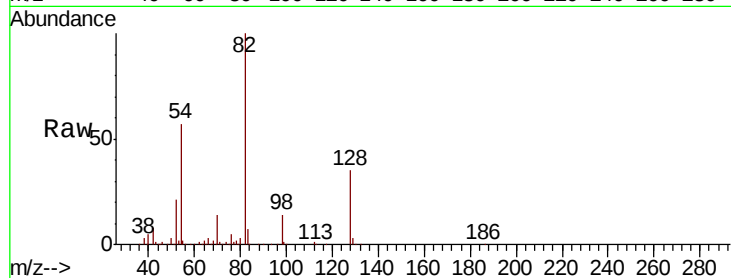




#23
 Nitrobenzene-d5
 Concen: 138.757 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040736.D
 Acq: 3 May 2019 22:17

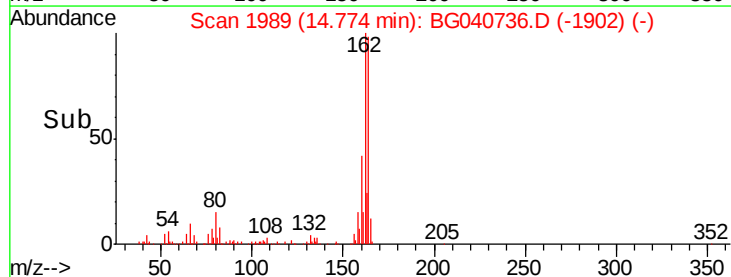
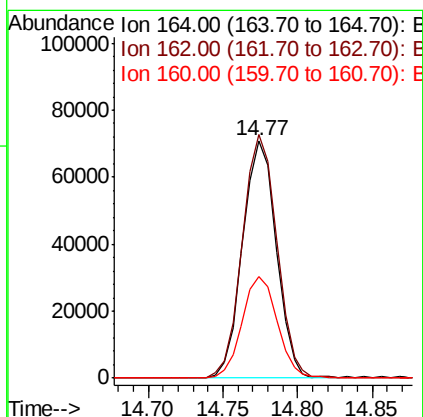
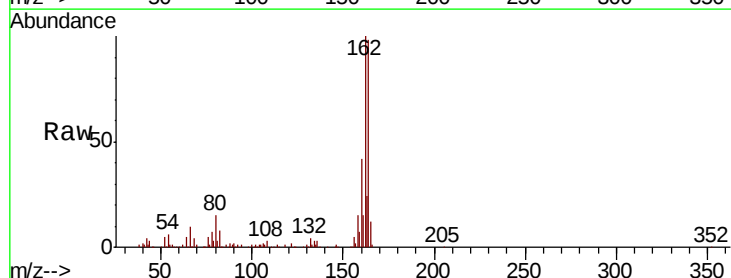
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-050219-A

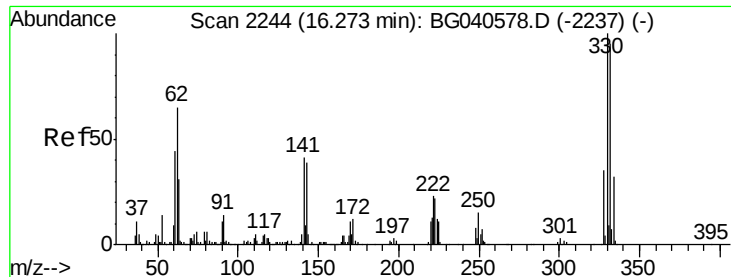
Tot Ion	82	Resp	425266
Ion Ratio	Lower	Upper	
82	100		
128	35.1	28.9	43.3
54	56.7	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040736.D
 Acq: 3 May 2019 22:17

Tgt Ion	164	Resp	110721
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.9	122.9
160	42.8	35.4	53.2

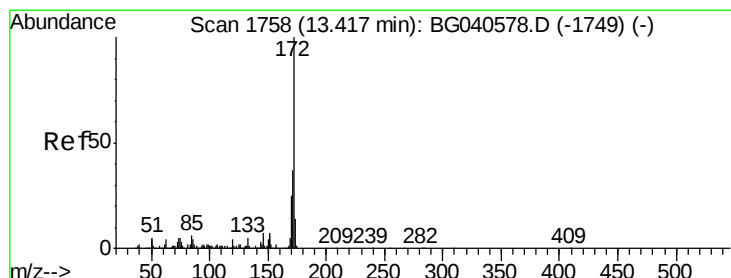
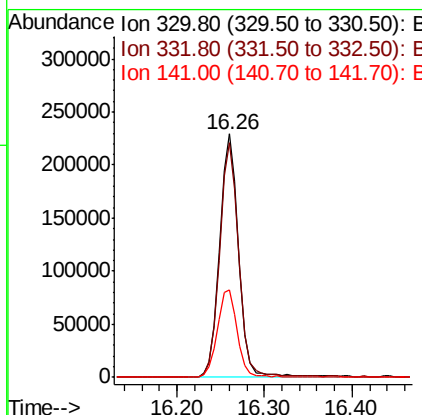
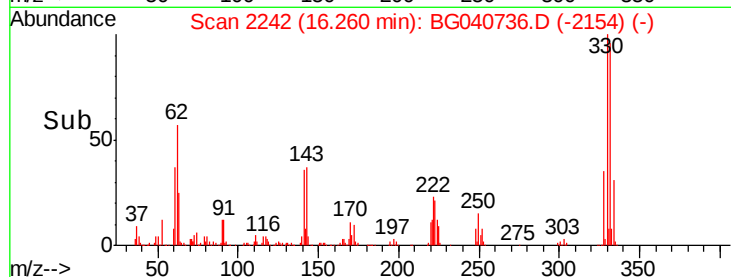
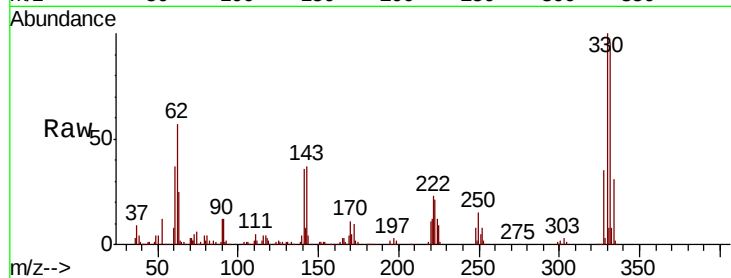




#42
2,4,6-Tribromophenol
Concen: 227.517 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040736.D
Acq: 3 May 2019 22:17

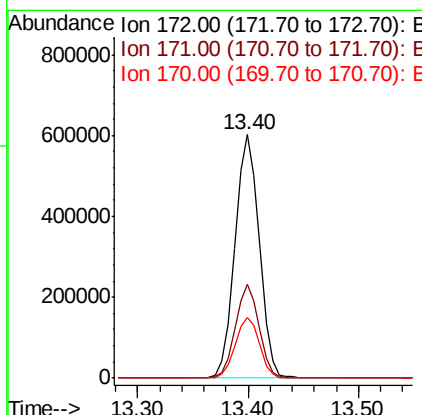
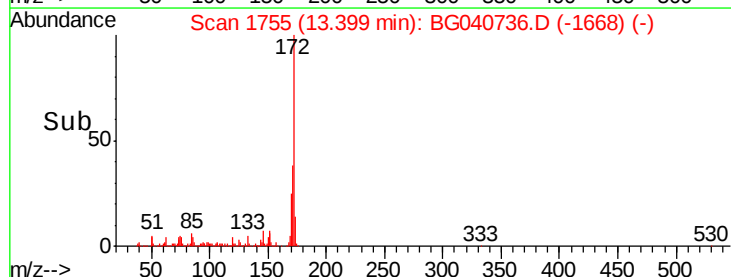
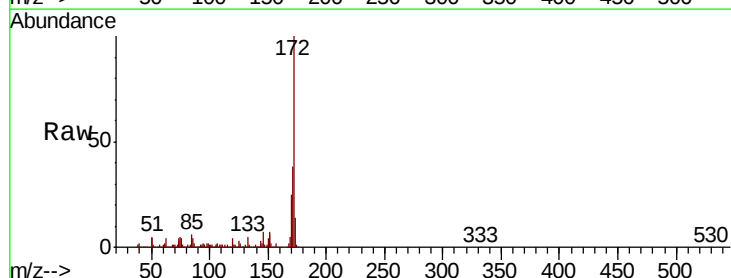
Instrument :
BNA_G
ClientSampleId :
SU-04-050219-A

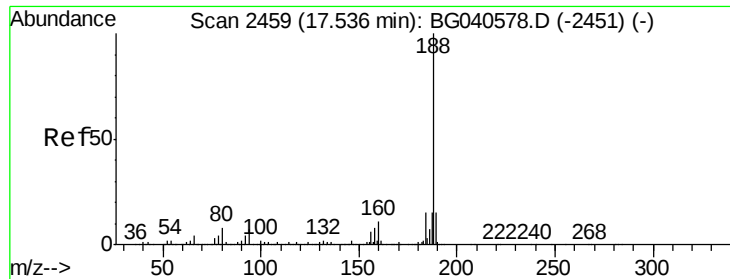
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	38.0	32.4	48.6



#45
2-Fluorobiphenyl
Concen: 121.454 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040736.D
Acq: 3 May 2019 22:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.1	19.9	29.9

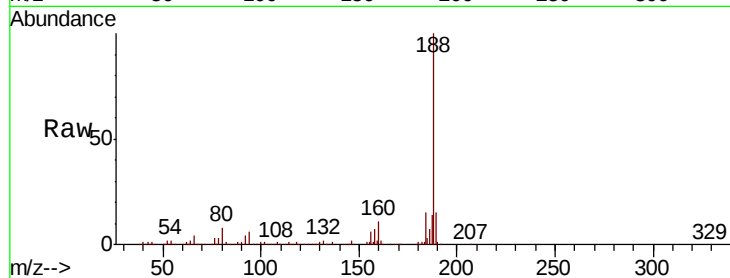




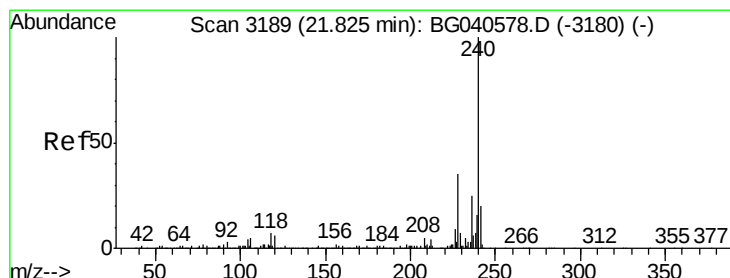
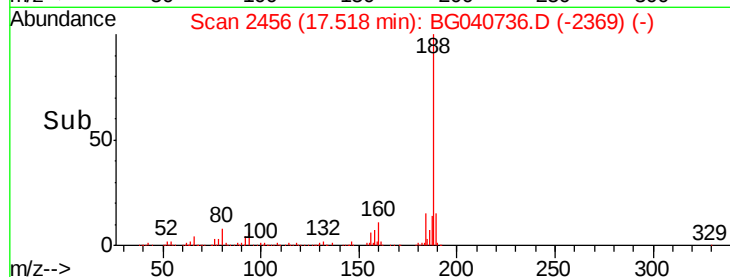
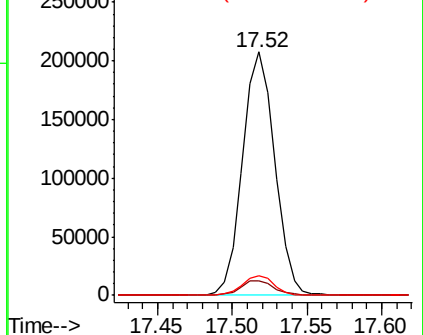
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040736.D
Acq: 3 May 2019 22:17

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.6	8.4
80	8.1	6.4	9.6

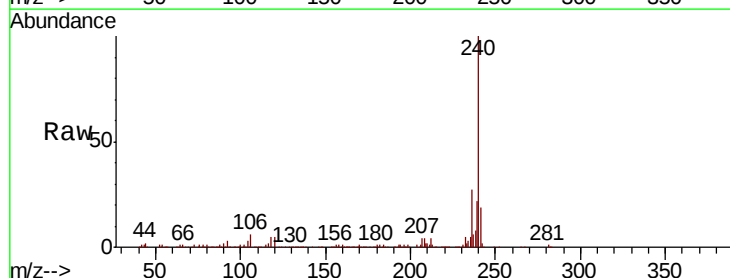


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

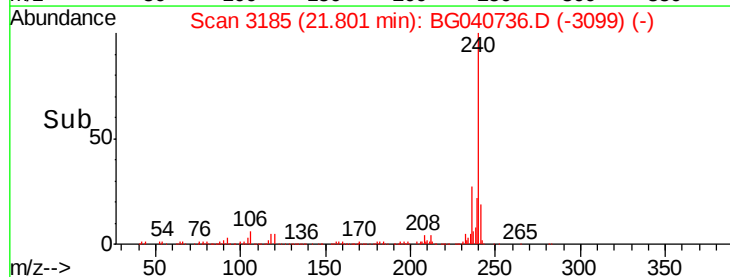
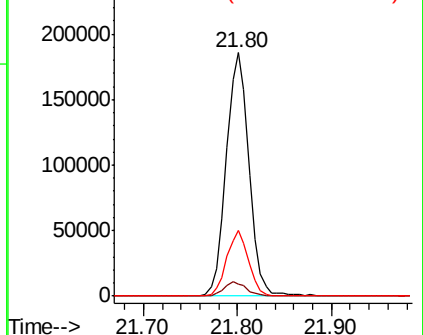


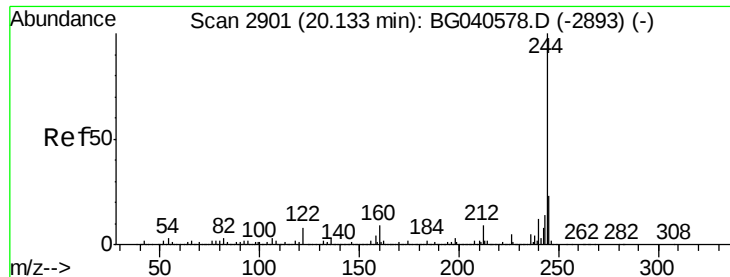
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040736.D
Acq: 3 May 2019 22:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.0	7.6#
236	27.1	20.3	30.5



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: 146.334 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040736.D

Acq: 3 May 2019 22:17

Instrument :

BNA_G

ClientSampleId :

SU-04-050219-A

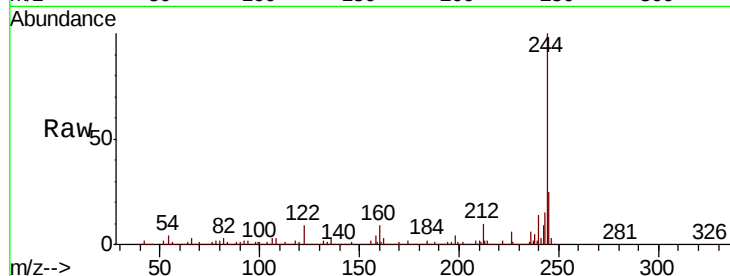
Tot Ion:244 Resp: 2059415

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

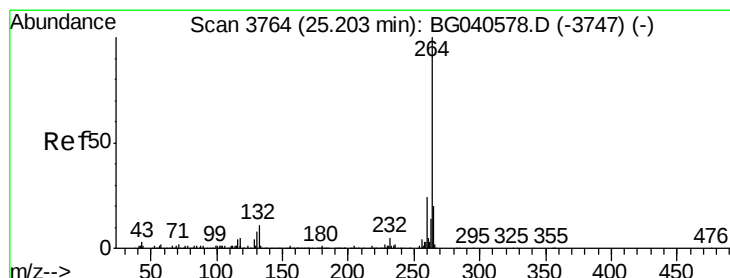
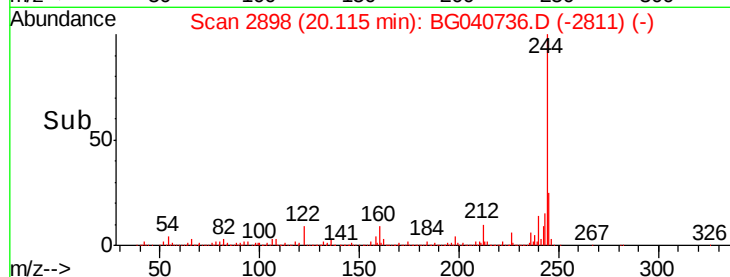
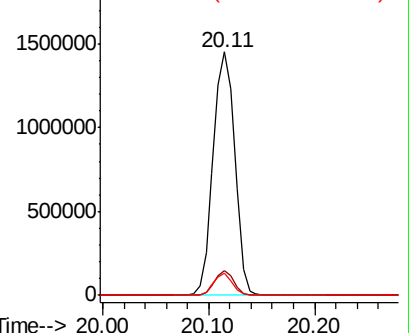
122 9.0 6.6 10.0



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040736.D

Acq: 3 May 2019 22:17

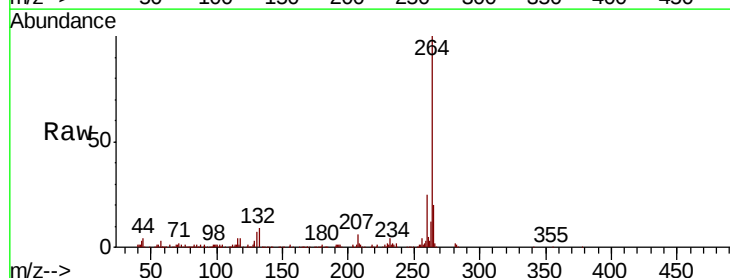
Tgt Ion:264 Resp: 316805

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 19.6 16.6 25.0



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

