

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040734.D
 Acq On : 3 May 2019 21:01
 Operator : JU/SJ
 Sample : K2635-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-D

Quant Time: May 04 07:16:49 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	34280	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	138722	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110778	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	324454	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	326968	20.00	ng	-0.02
87) Perylene-d12	25.16	264	331876	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	330015	169.70	ng	0.00
7) Phenol-d6	7.28	99	446825	149.23	ng	-0.01
23) Nitrobenzene-d5	9.32	82	376873	125.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	325758	213.94	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	798241	104.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1853330	125.58	ng	-0.02

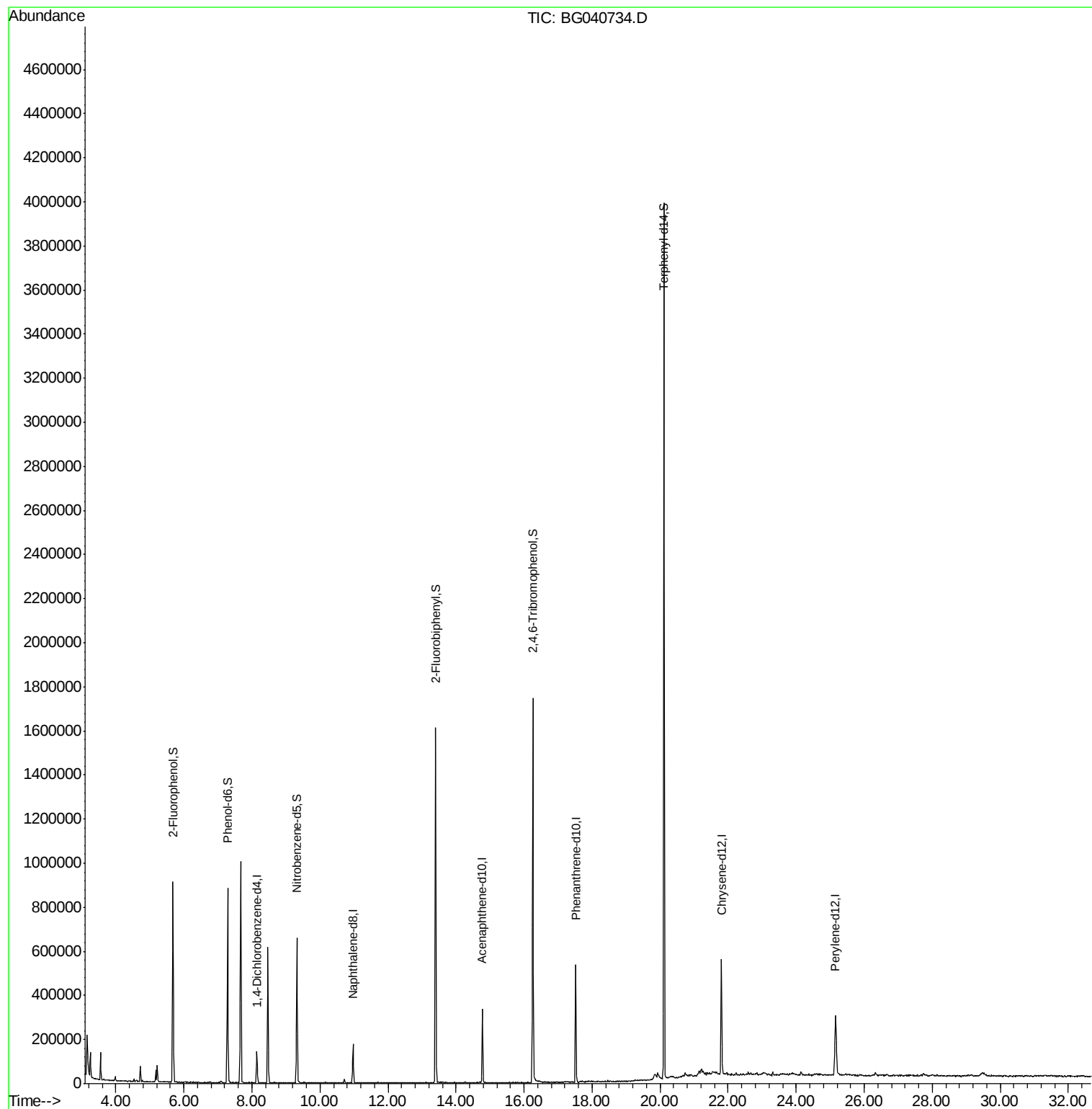
Target Compounds Qvalue

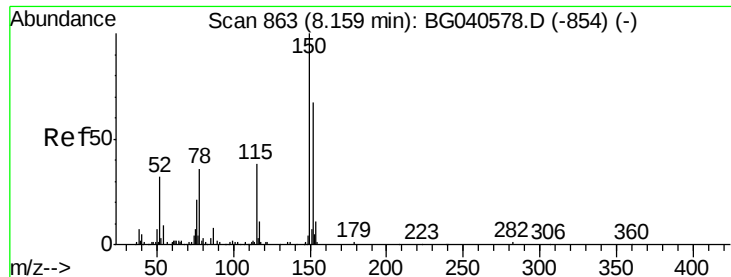
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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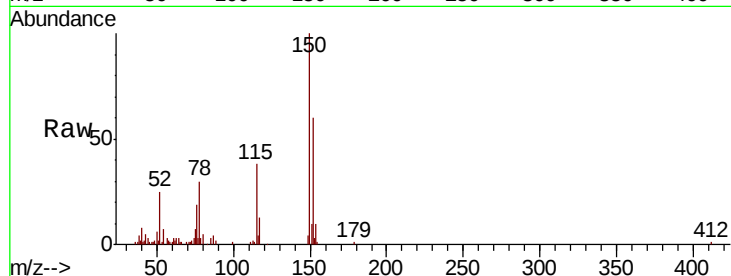


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040734.D
Acq: 3 May 2019 21:01

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-D

Tot Ion	152	Resp	34280
Ion	Ratio	Lower	Upper
152	100		
150	166.3	120.2	180.2
115	63.3	46.2	69.2

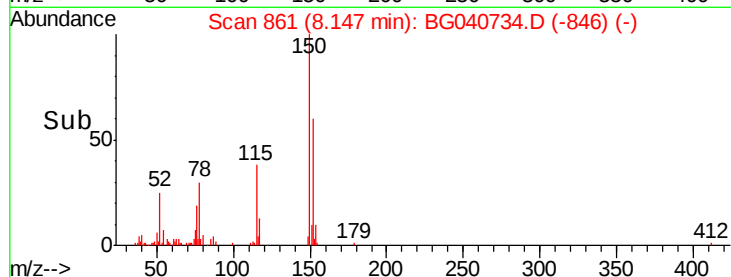
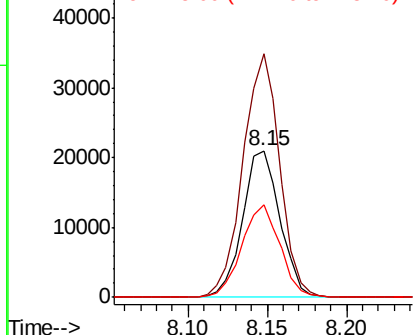


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

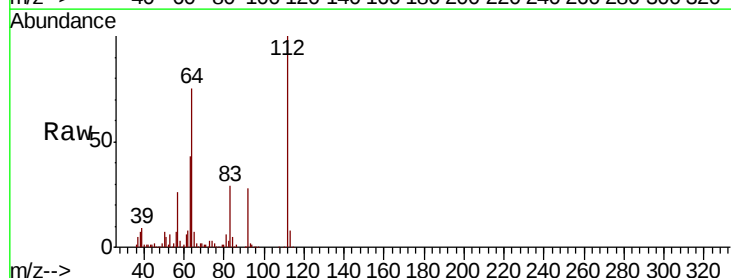
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 169.702 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040734.D
Acq: 3 May 2019 21:01

Tgt Ion	112	Resp	330015
Ion	Ratio	Lower	Upper
112	100		
64	75.0	61.4	92.0
63	42.8	37.8	56.6

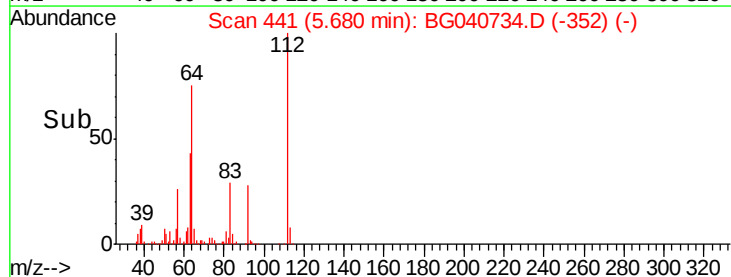
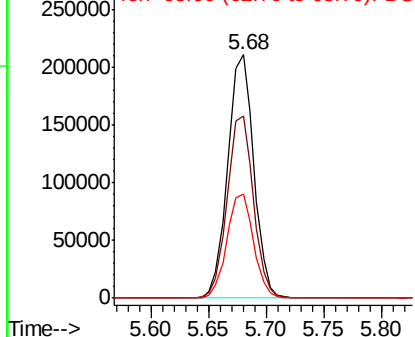


Abundance

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: 149.228 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040734.D

Acq: 3 May 2019 21:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-D

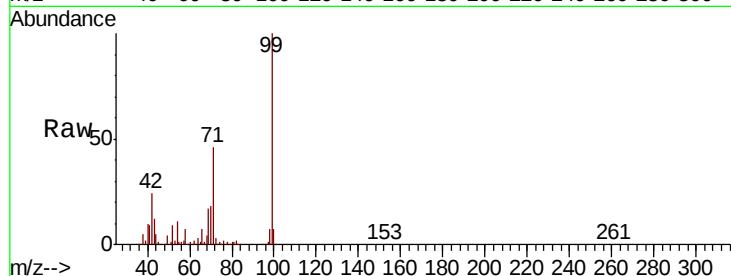
Tot Ion: 99 Resp: 446825

Ion Ratio Lower Upper

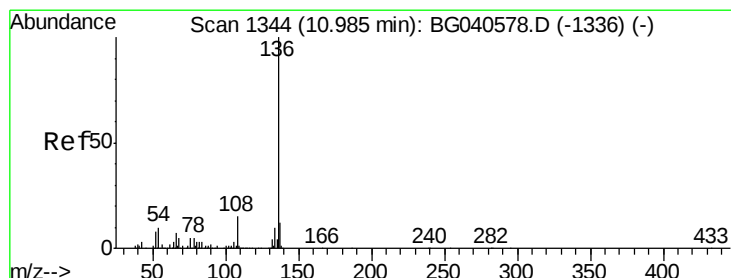
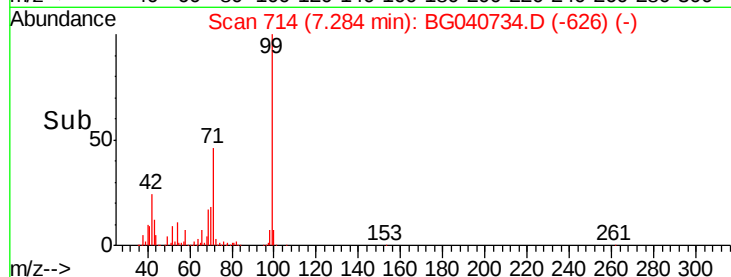
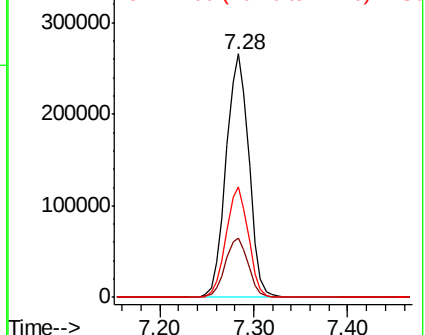
99 100

42 24.2 21.8 32.8

71 45.6 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# 1341

Delta R.T. -0.02 min

Lab File: BG040734.D

Acq: 3 May 2019 21:01

Tgt Ion: 136 Resp: 138722

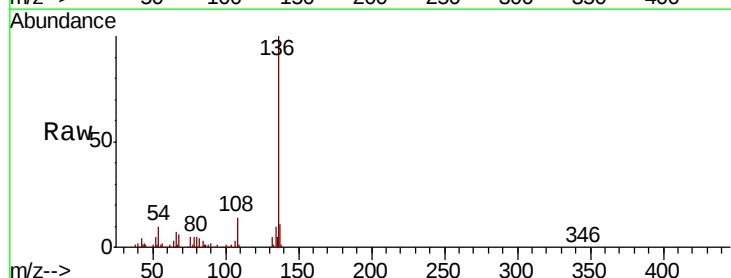
Ion Ratio Lower Upper

136 100

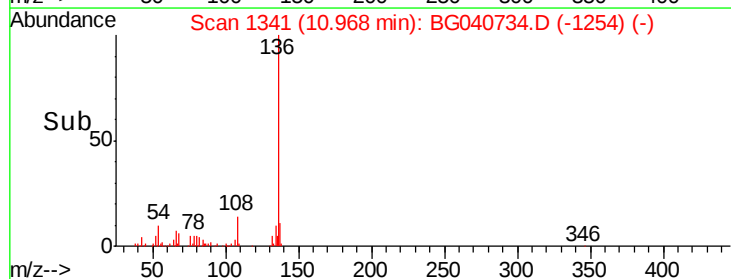
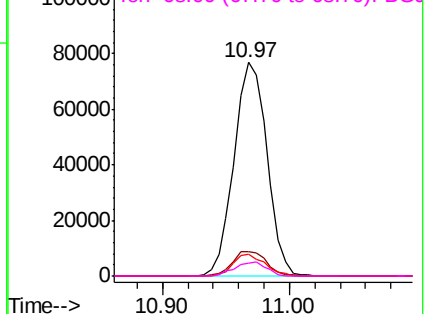
137 11.3 9.7 14.5

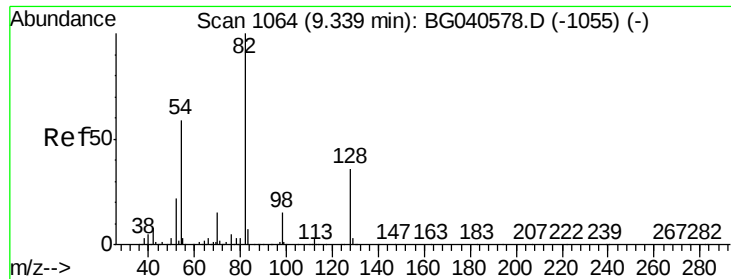
54 10.1 8.6 12.8

68 5.7 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

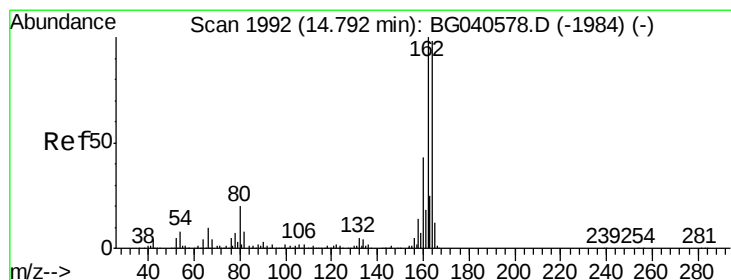
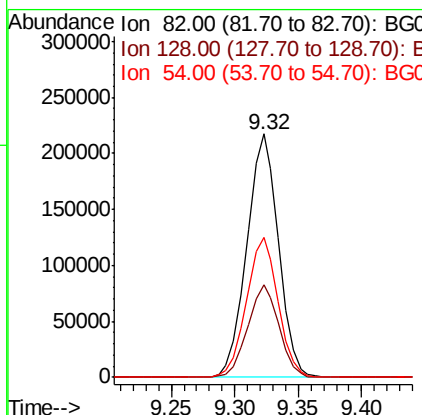
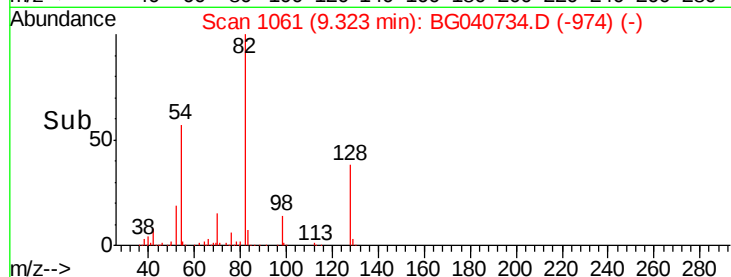
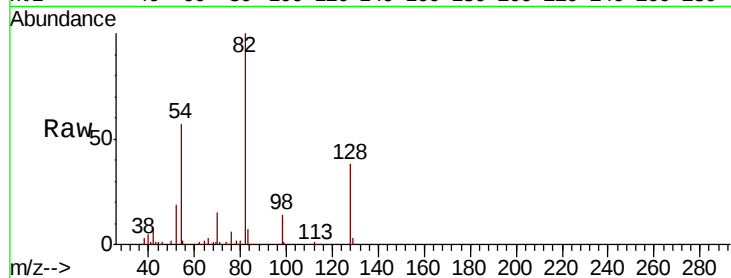




#23
 Nitrobenzene-d5
 Concen: 125.531 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040734.D
 Acq: 3 May 2019 21:01

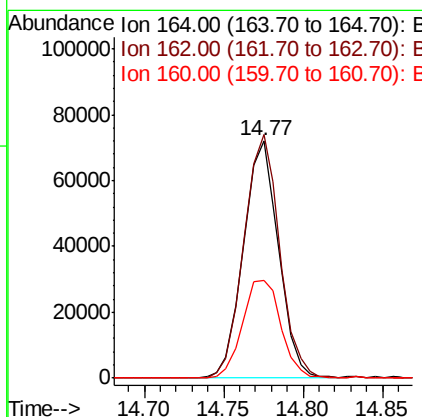
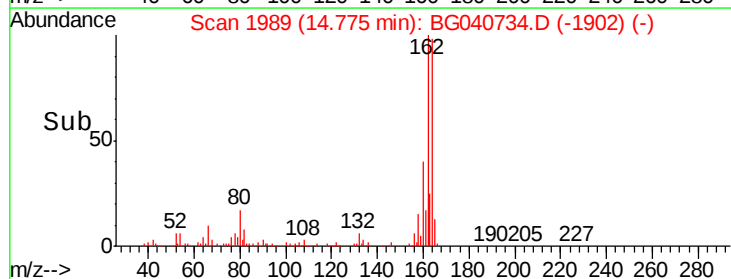
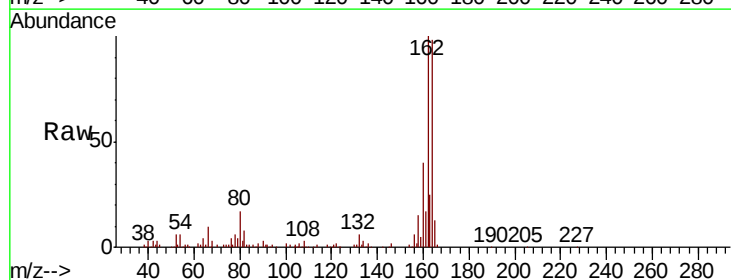
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-D

Tot Ion	82	Resp	376873
Ion Ratio	Lower	Upper	
82	100		
128	38.1	28.9	43.3
54	57.4	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: BG040734.D
 Acq: 3 May 2019 21:01

Tgt Ion	164	Resp	110778
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.9	122.9
160	41.3	35.4	53.2

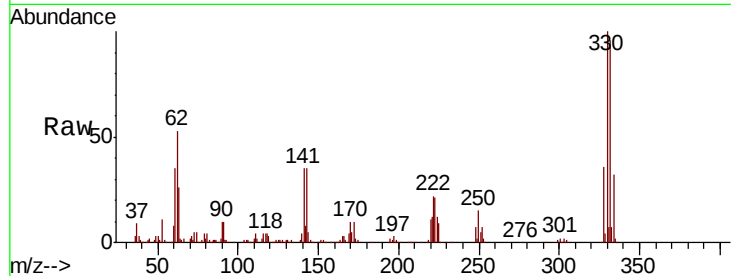




#42
 2,4,6-Tribromophenol
 Concen: 213.939 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040734.D
 Acq: 3 May 2019 21:01

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	36.9	32.4	48.6

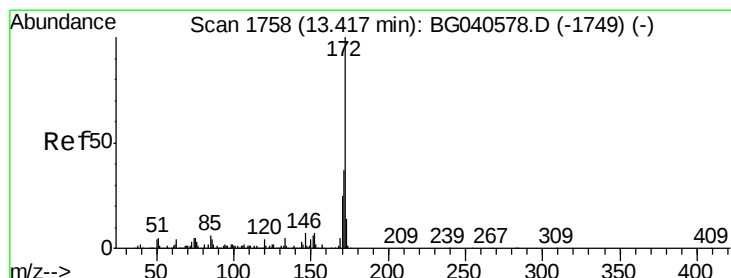
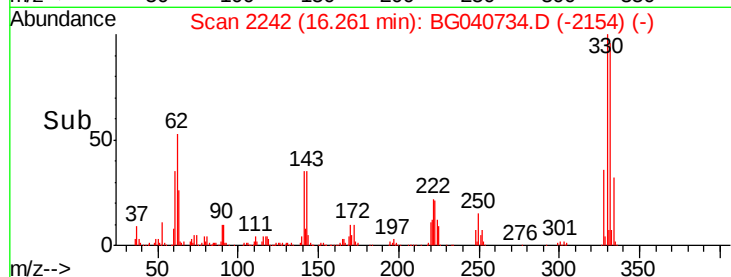
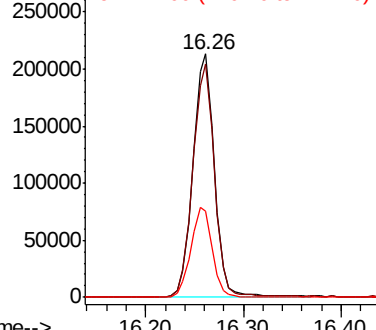


Abundance

Ion 329.80 (329.50 to 330.50): E

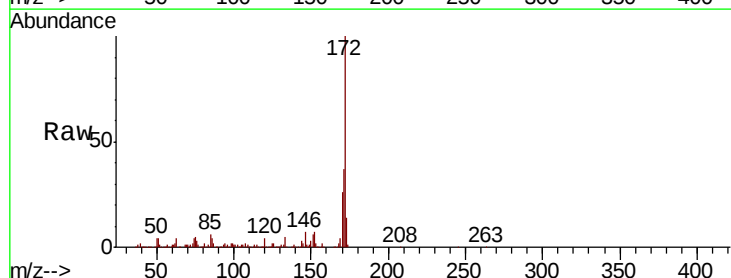
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.066 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040734.D
 Acq: 3 May 2019 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	25.5	19.9	29.9

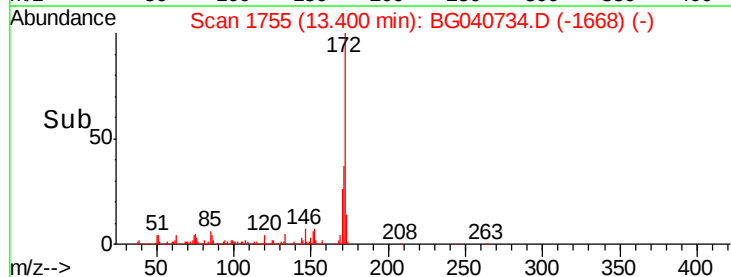
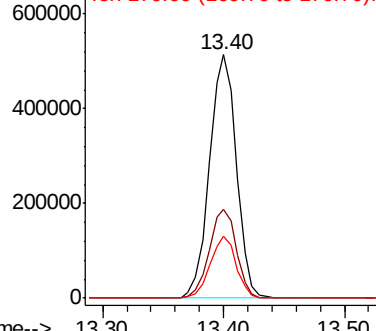


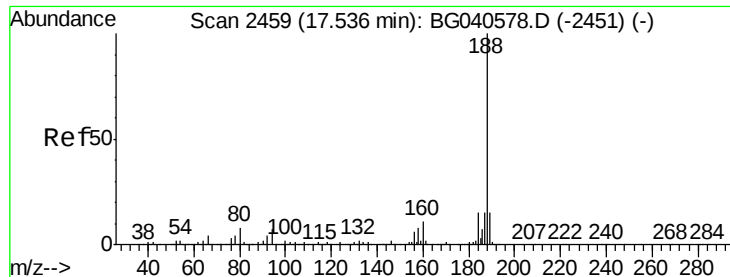
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040734.D

Acq: 3 May 2019 21:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-D

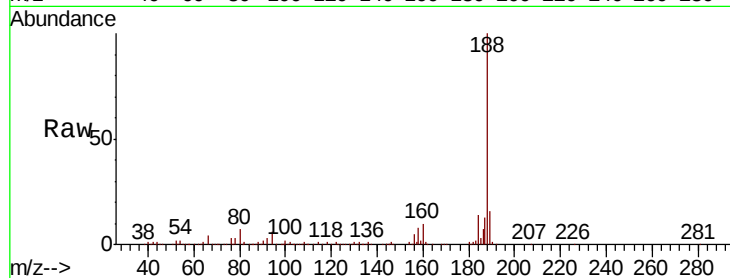
Tot Ion:188 Resp: 324454

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

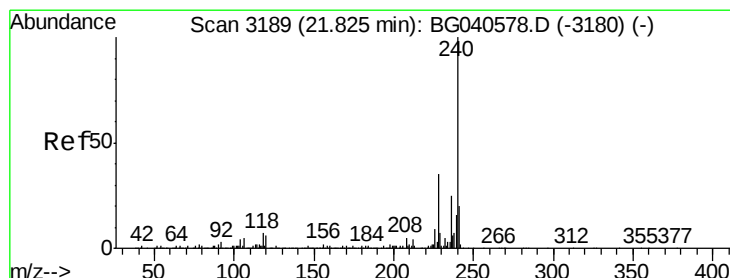
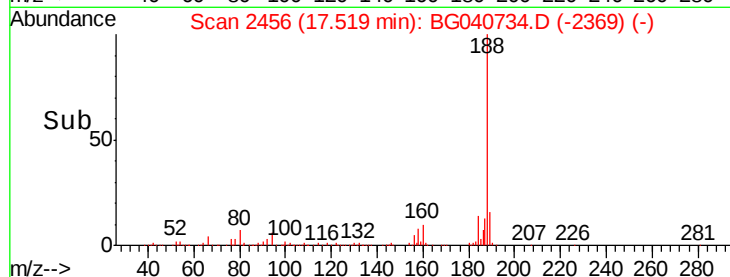
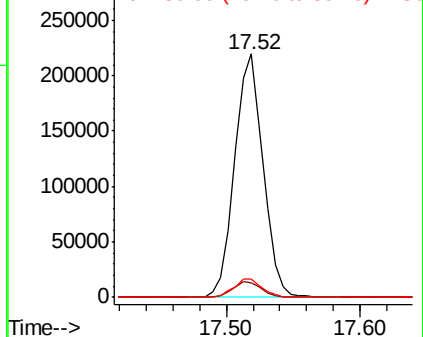
80 7.4 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040734.D

Acq: 3 May 2019 21:01

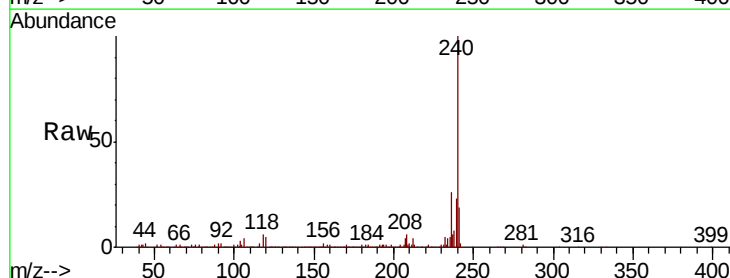
Tgt Ion:240 Resp: 326968

Ion Ratio Lower Upper

240 100

120 4.9 5.0 7.6#

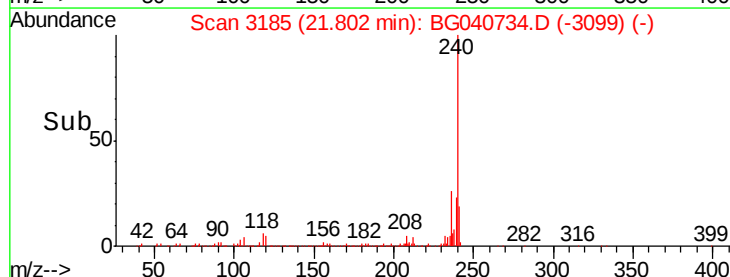
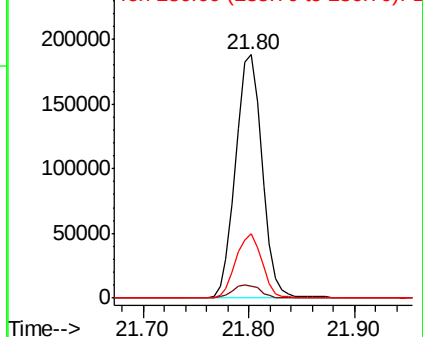
236 26.4 20.3 30.5

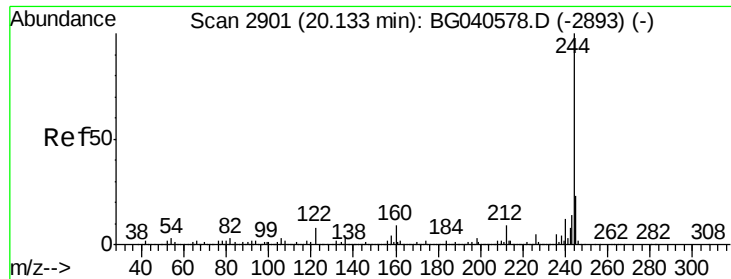


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 125.575 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040734.D

Acq: 3 May 2019 21:01

Instrument :

BNA_G

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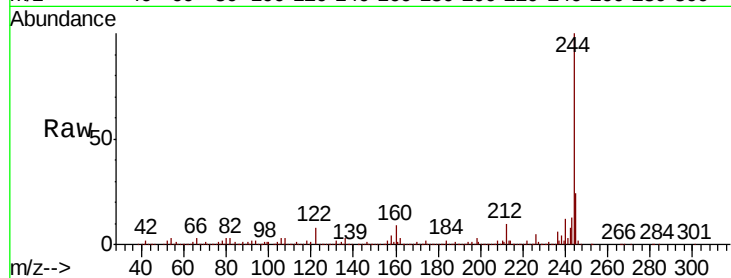
Tot Ion:244 Resp: 1853330

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

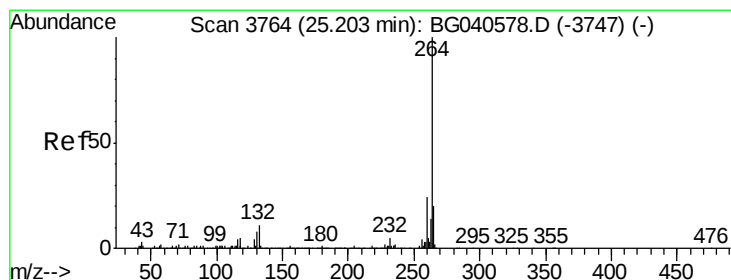
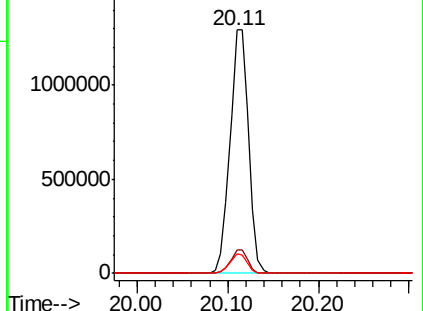
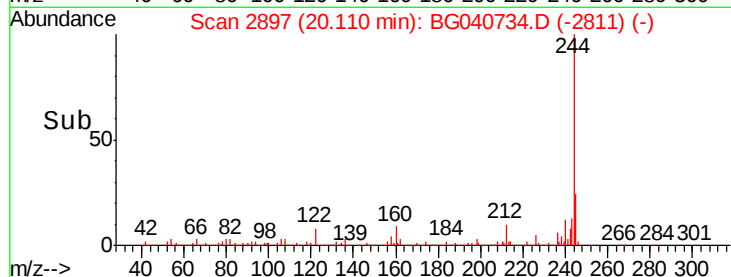
122 8.1 6.6 10.0



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# 3756

Delta R.T. -0.05 min

Lab File: BG040734.D

Acq: 3 May 2019 21:01

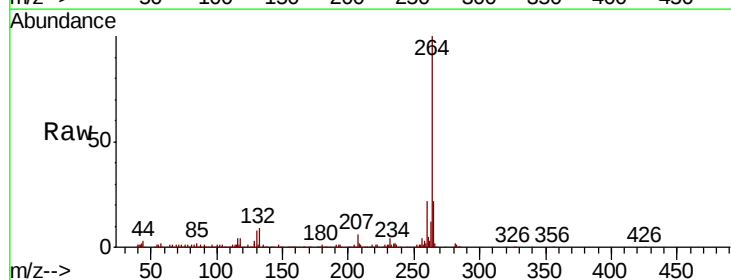
Tgt Ion:264 Resp: 331876

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 21.6 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

