

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040729.D
 Acq On : 3 May 2019 17:52
 Operator : JU/SJ
 Sample : K2635-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 04 07:04:52 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	36069	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	143079	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	107407	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	326177	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	344179	20.00	ng	-0.02
87) Perylene-d12	25.16	264	320802	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	364728	178.25	ng	0.00
7) Phenol-d6	7.28	99	480619	152.55	ng	-0.01
23) Nitrobenzene-d5	9.32	82	423168	136.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	319594	216.48	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	867881	116.70	ng	-0.02
79) Terphenyl-d14	20.12	244	2053198	132.16	ng	-0.02

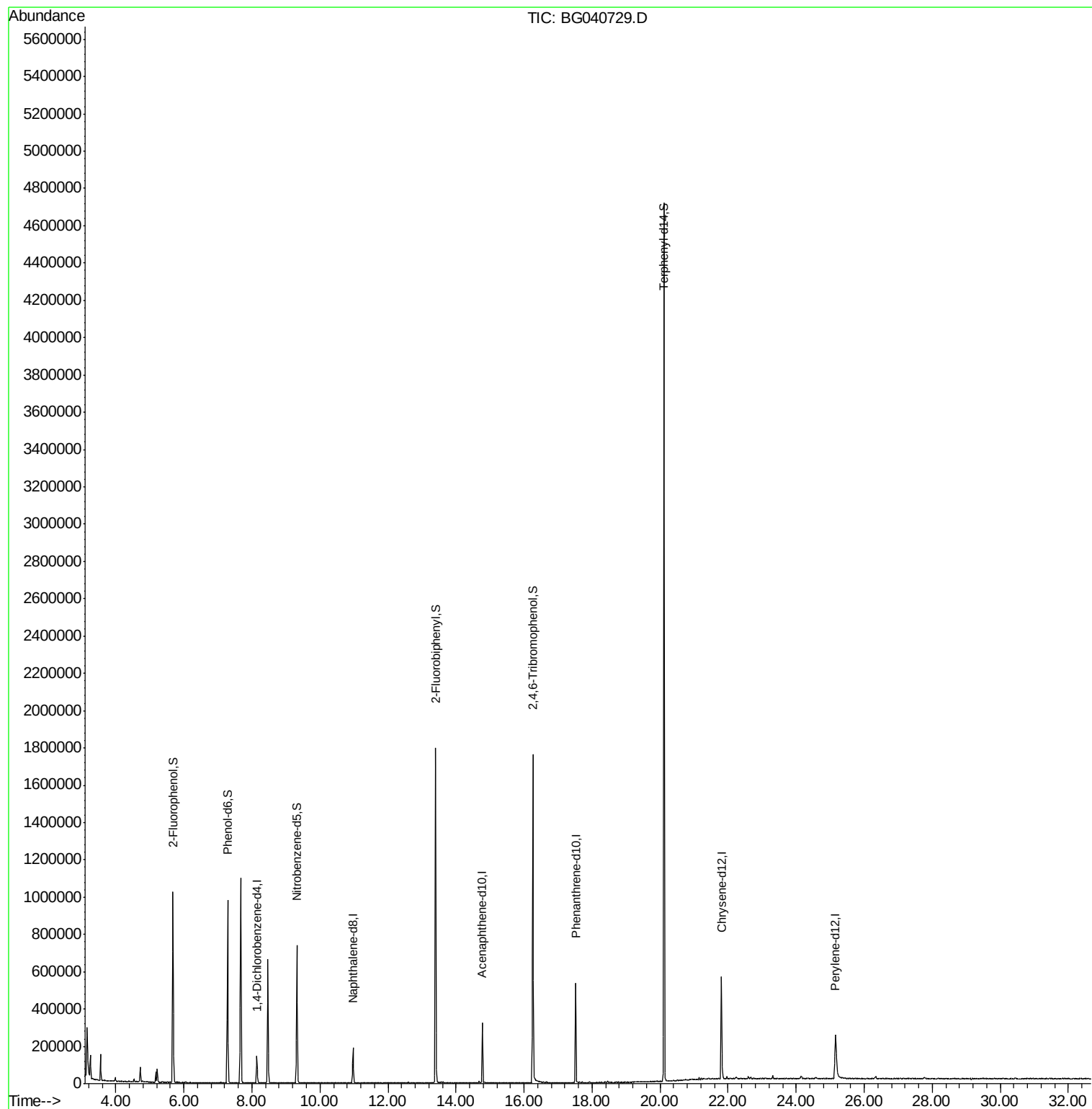
Target Compounds Qvalue

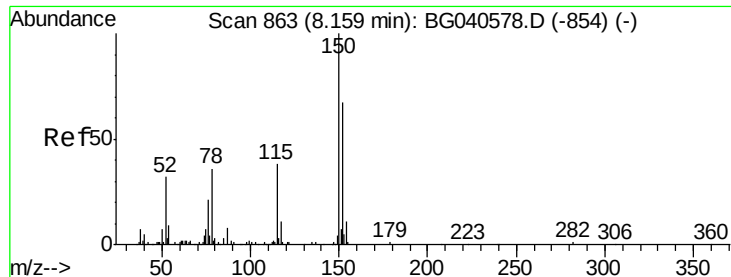
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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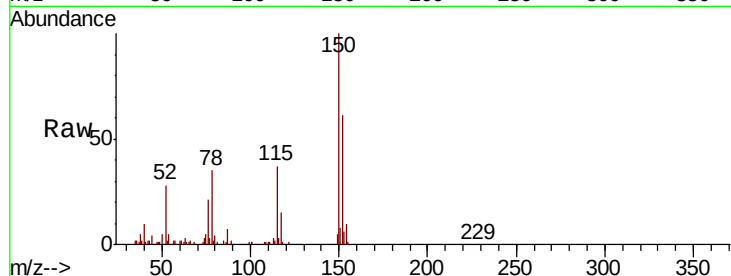


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040729.D
Acq: 3 May 2019 17:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	120.2	180.2
115	60.3	46.2	69.2

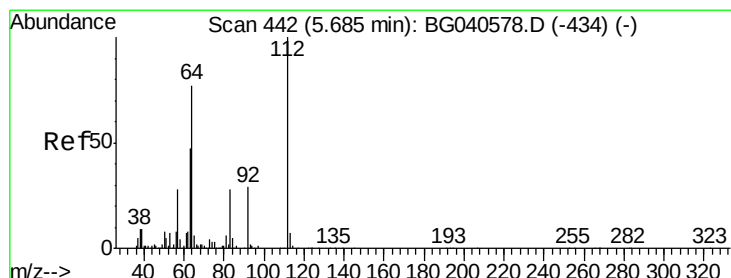
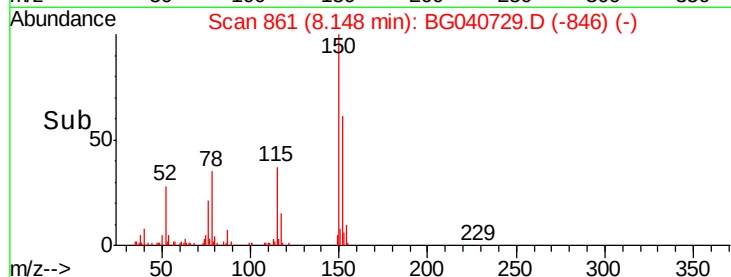
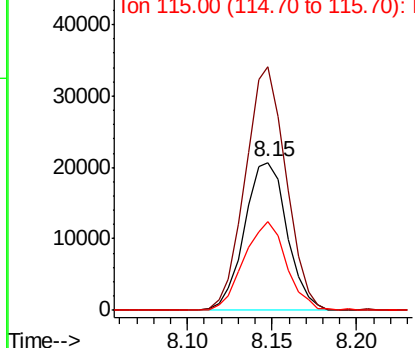


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

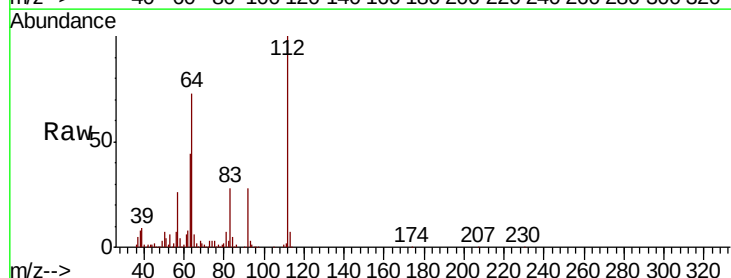
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 178.250 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040729.D
Acq: 3 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	61.4	92.0
63	44.2	37.8	56.6

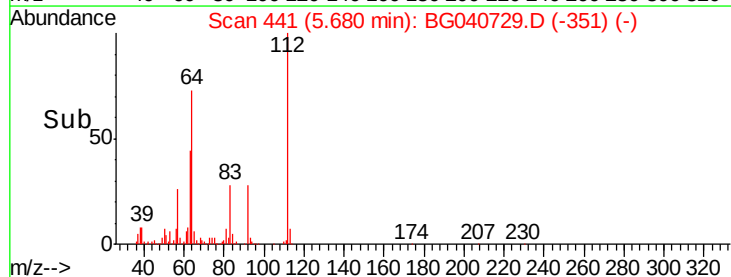
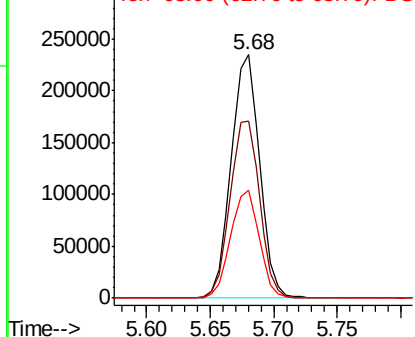


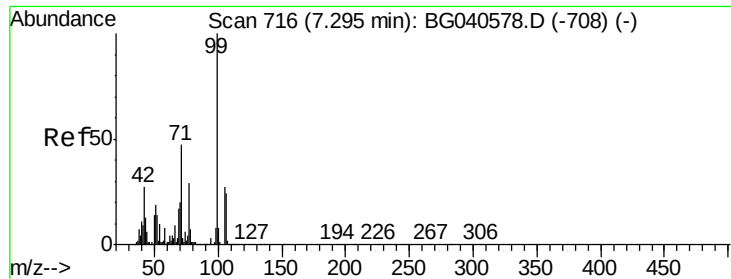
Abundance

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: 152.553 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040729.D

Acq: 3 May 2019 17:52

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-A

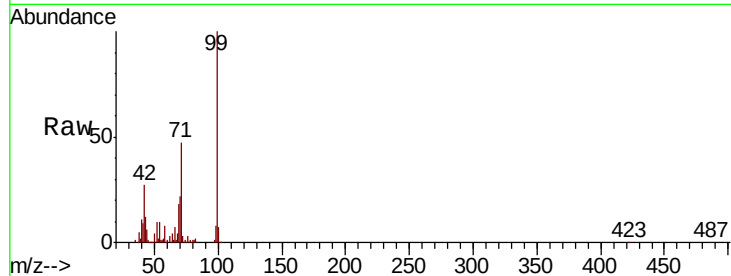
Tot Ion: 99 Resp: 480619

Ion Ratio Lower Upper

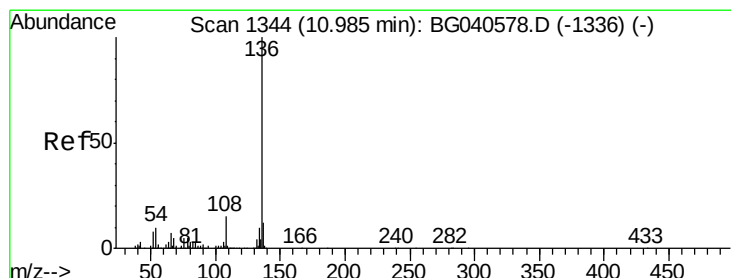
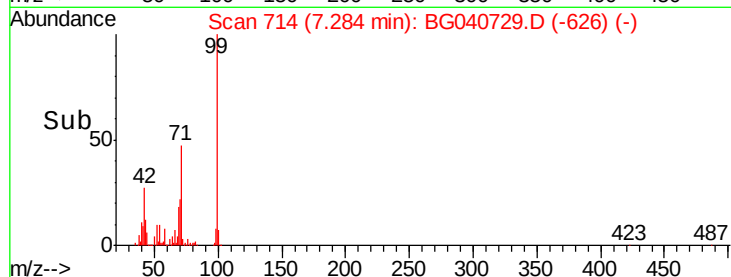
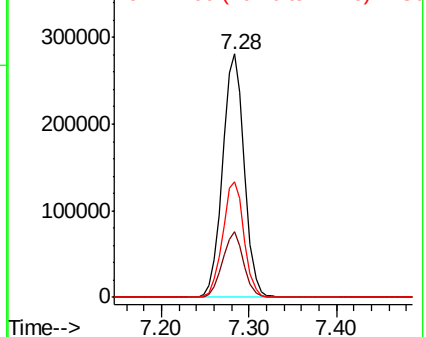
99 100

42 27.2 21.8 32.8

71 47.4 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: BG040729.D

Acq: 3 May 2019 17:52

Tgt Ion: 136 Resp: 143079

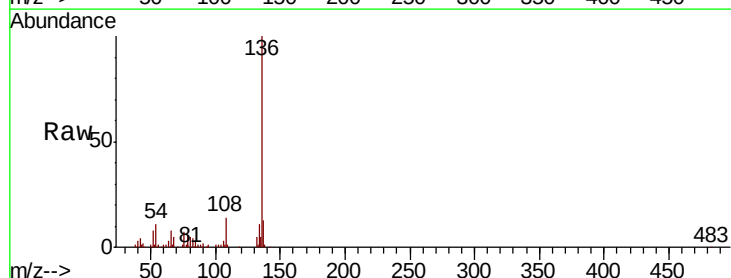
Ion Ratio Lower Upper

136 100

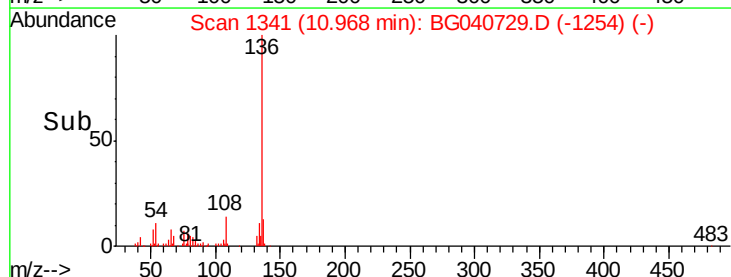
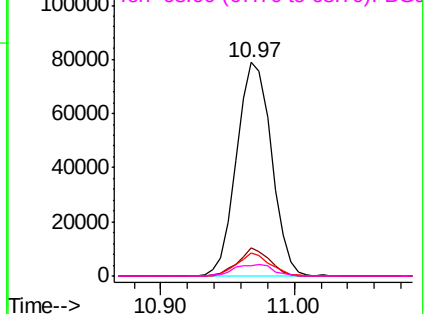
137 13.3 9.7 14.5

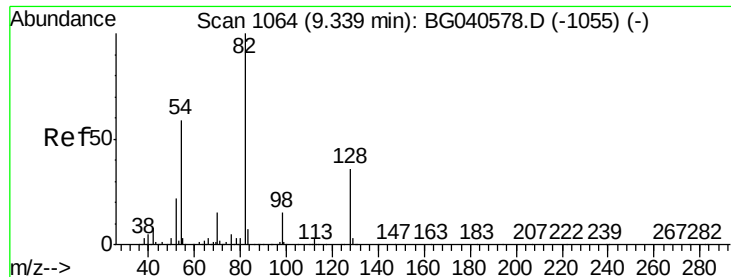
54 10.6 8.6 12.8

68 4.7 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

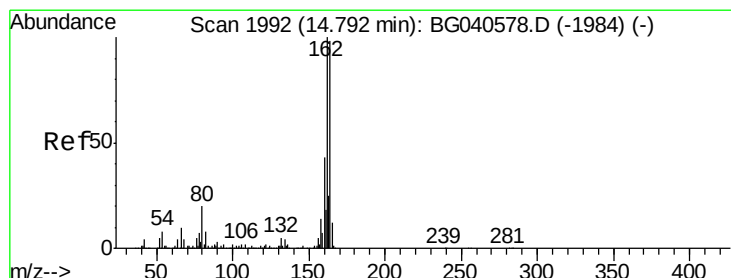
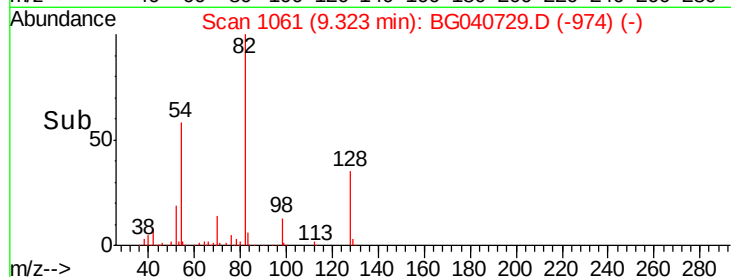
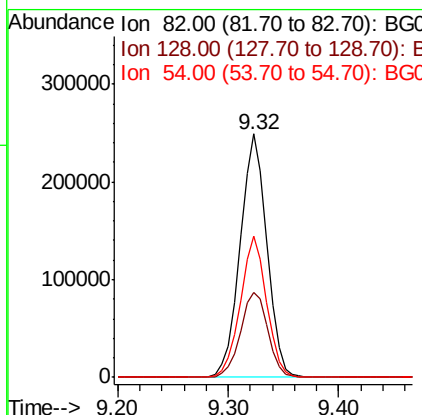
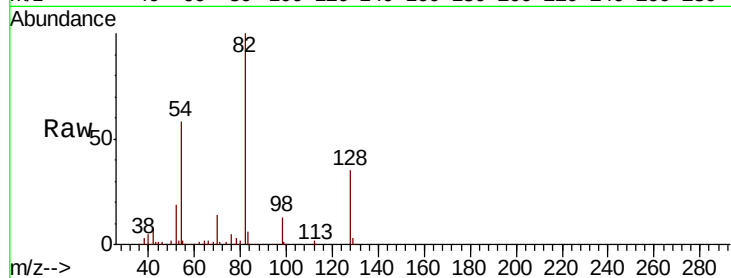




#23
Nitrobenzene-d5
Concen: 136.659 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040729.D
Acq: 3 May 2019 17:52

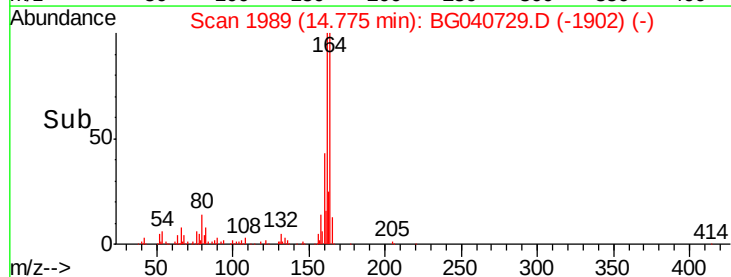
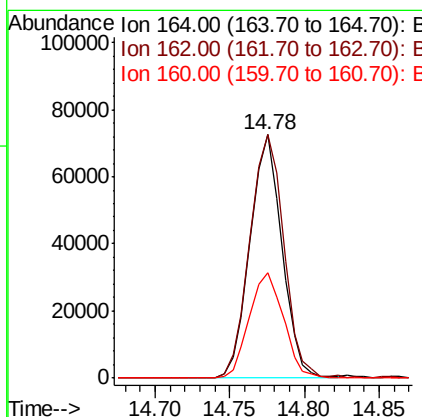
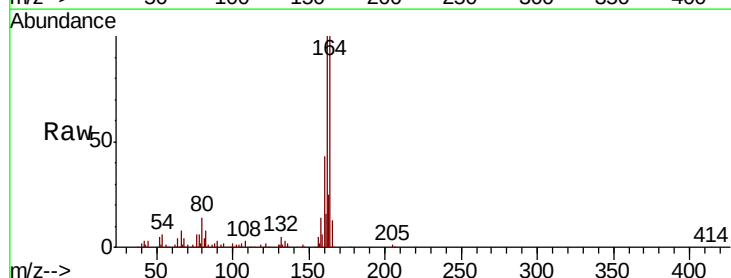
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-A

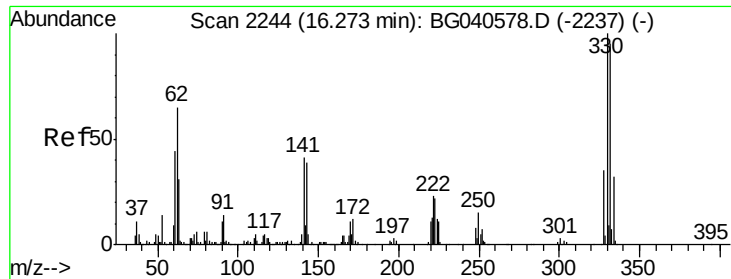
Tot Ion	82	Resp	423168
Ion Ratio	Lower	Upper	
82	100		
128	34.6	28.9	43.3
54	58.1	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040729.D
Acq: 3 May 2019 17:52

Tgt Ion	164	Resp	107407
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.9	122.9
160	43.1	35.4	53.2

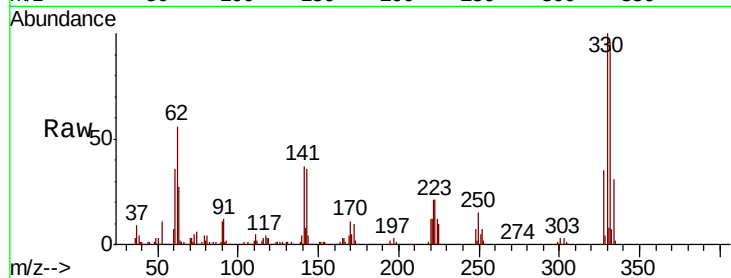




#42
 2,4,6-Tribromophenol
 Concen: 216.478 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040729.D
 Acq: 3 May 2019 17:52

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.9	113.9
141	39.3	32.4	48.6

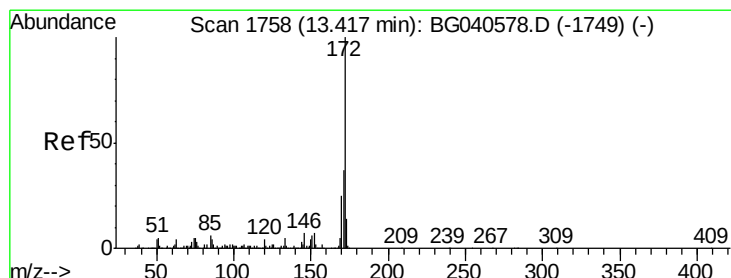
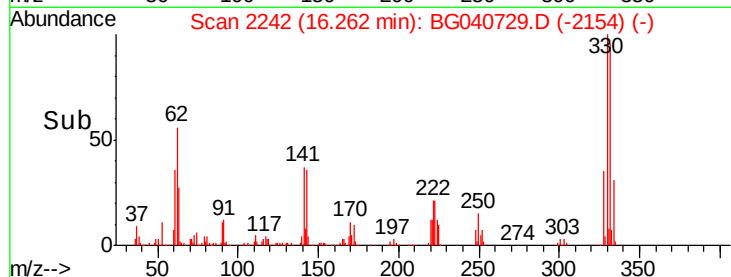
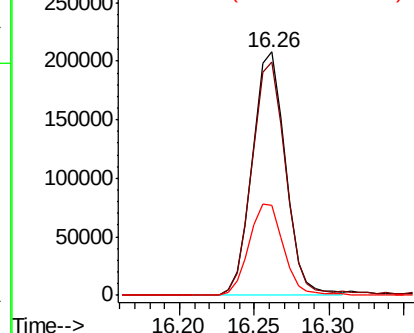


Abundance

Ion 329.80 (329.50 to 330.50): E

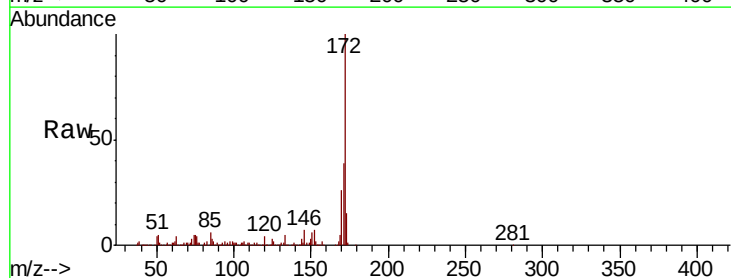
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 116.696 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040729.D
 Acq: 3 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.7	19.9	29.9

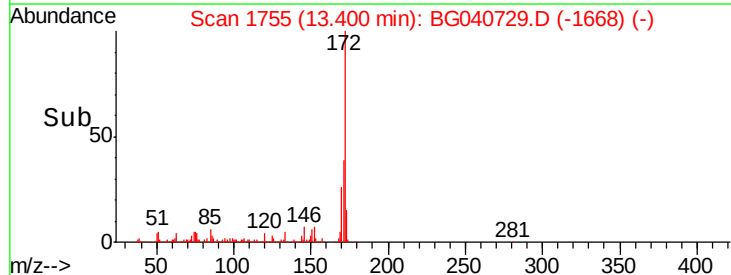
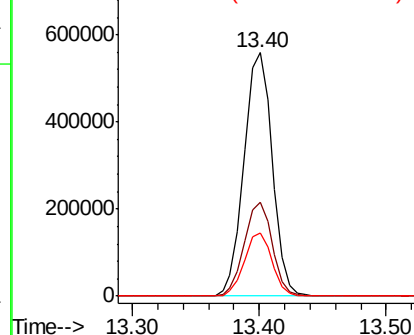


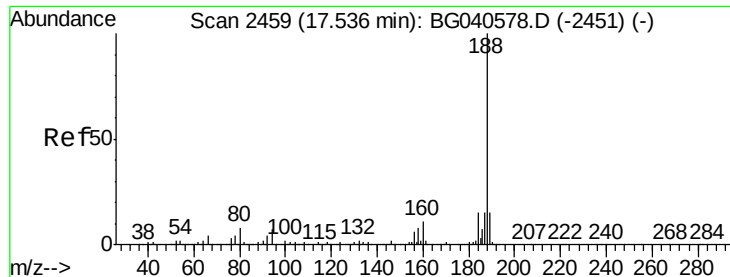
Abundance

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

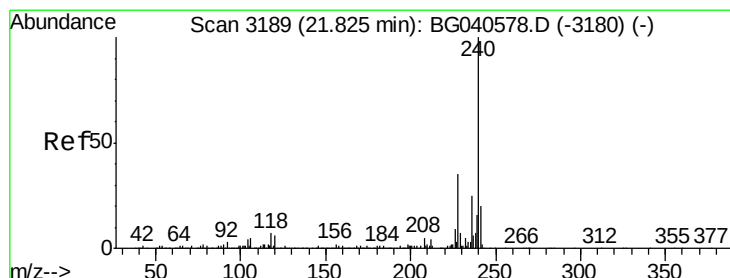
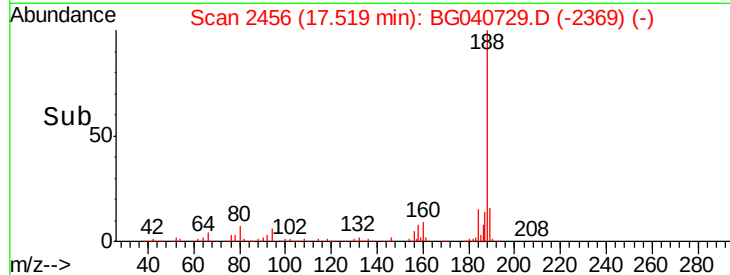
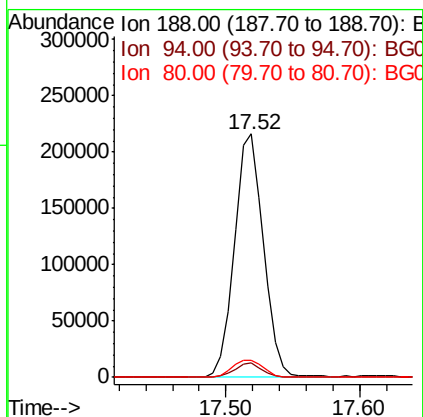
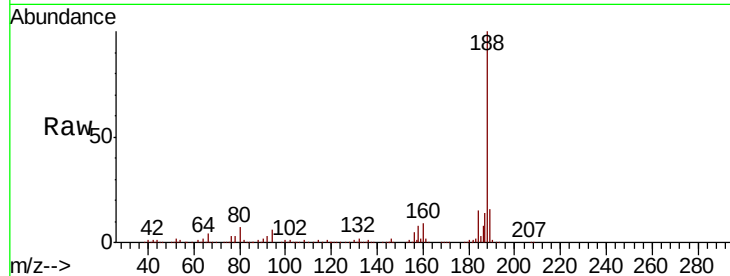




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040729.D
Acq: 3 May 2019 17:52

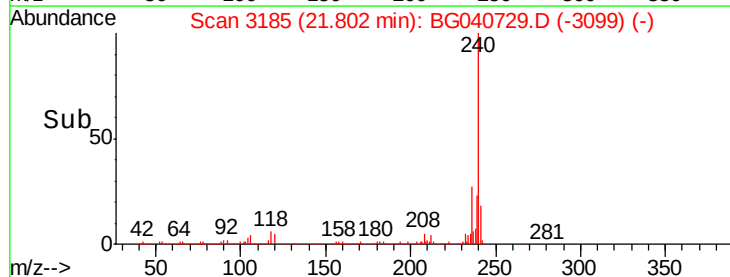
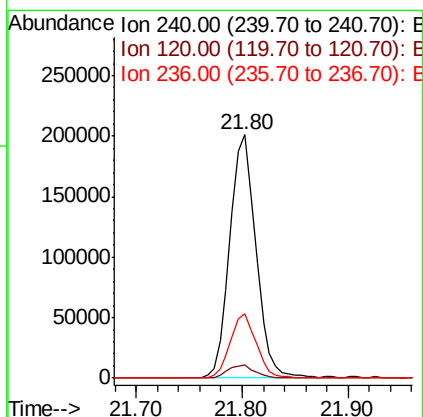
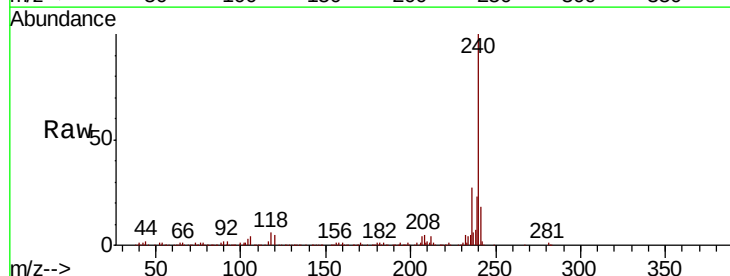
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-A

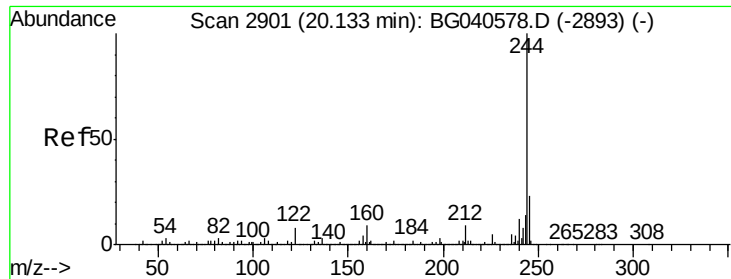
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	6.9	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040729.D
Acq: 3 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	26.5	20.3	30.5





#79

Terphenyl-d14

Concen: 132.161 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040729.D

Acq: 3 May 2019 17:52

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-A

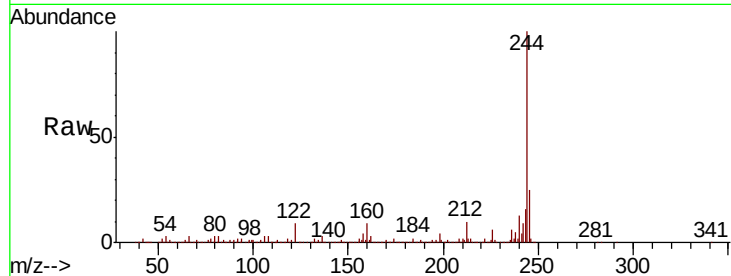
Tot Ion:244 Resp: 2053198

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.2	10.8
122	8.6	6.6	10.0

244 100

212 10.1 7.2 10.8

122 8.6 6.6 10.0

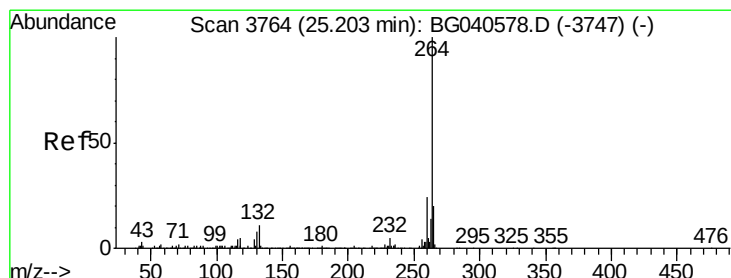
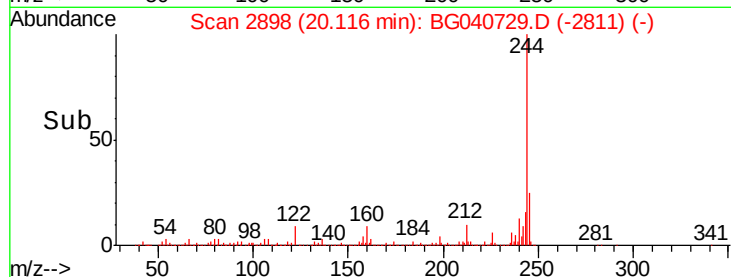
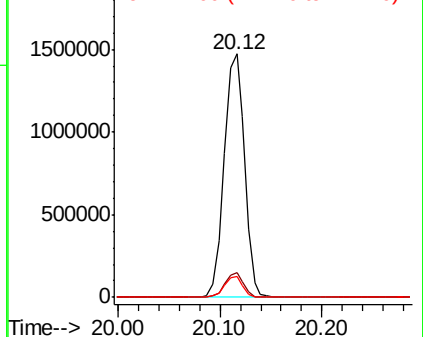


Abundance

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: BG040729.D

Acq: 3 May 2019 17:52

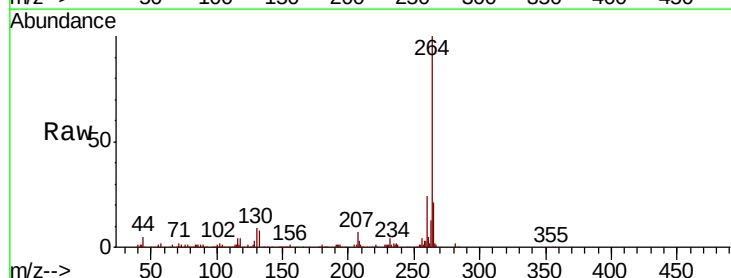
Tgt Ion:264 Resp: 320802

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	16.6	25.0

264 100

260 23.6 19.2 28.8

265 21.0 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

