

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040745.D
 Acq On : 4 May 2019 5:50
 Operator : JU/SJ
 Sample : K2635-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 05 23:58:10 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	36618	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	148250	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	117607	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	340694	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	341789	20.00	ng	-0.02
87) Perylene-d12	25.17	264	325733	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	351476	169.20	ng	-0.01
7) Phenol-d6	7.28	99	477458	149.28	ng	-0.01
23) Nitrobenzene-d5	9.32	82	403466	125.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	285900	176.86	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	854772	104.96	ng	-0.02
79) Terphenyl-d14	20.12	244	1919486	124.42	ng	-0.02

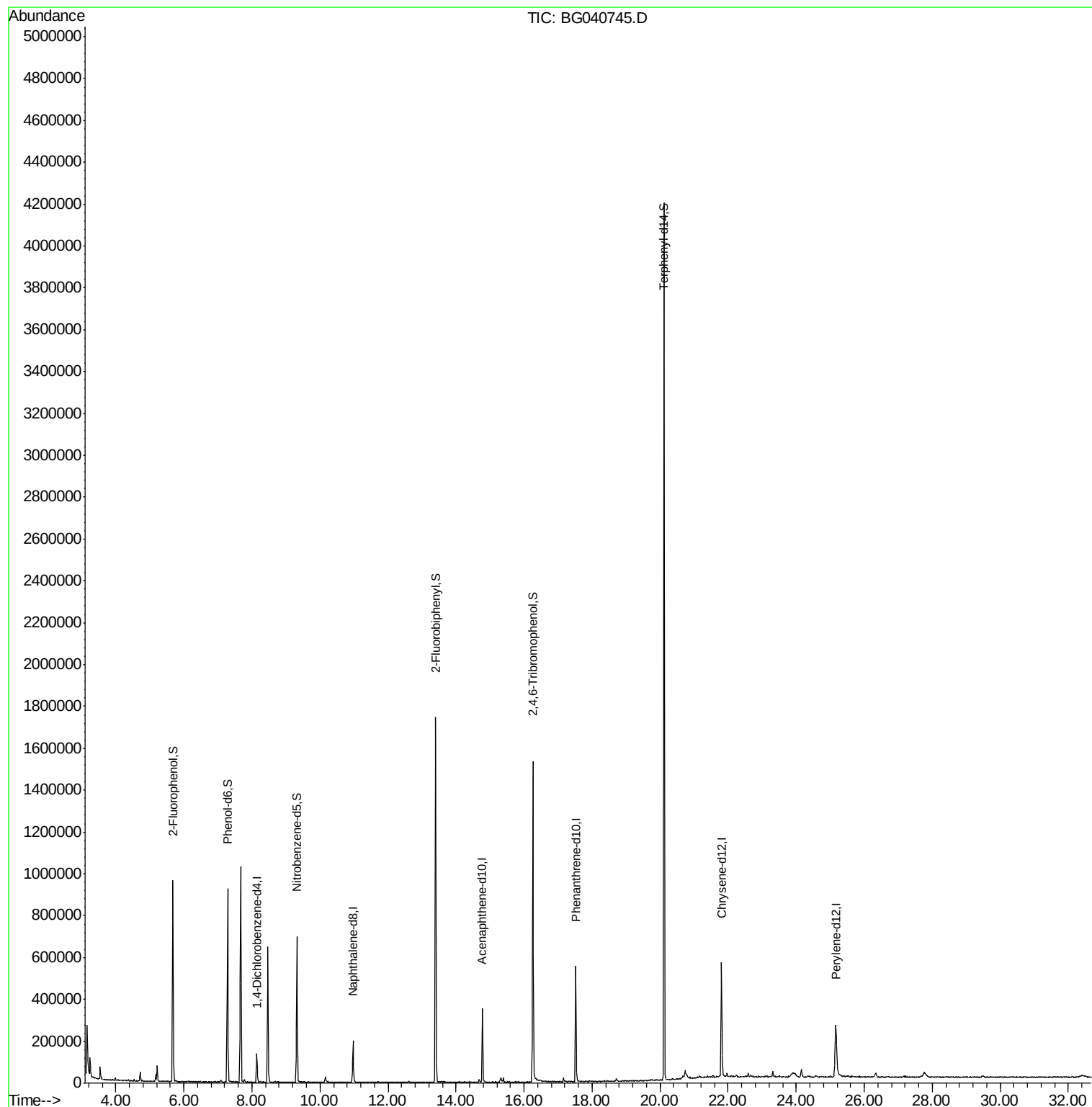
Target Compounds Qvalue

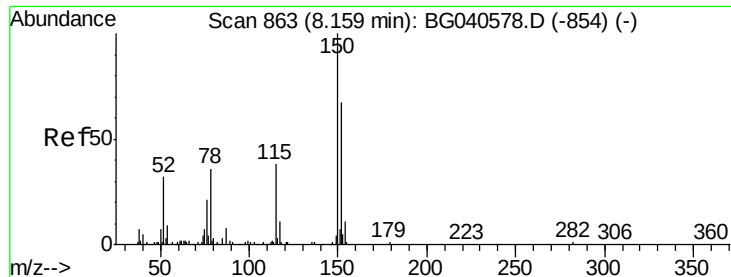
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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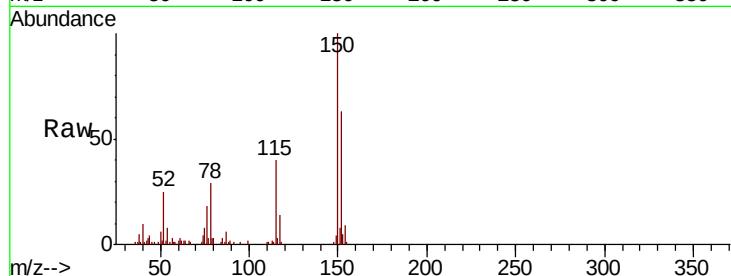


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040745.D
Acq: 4 May 2019 5:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	120.2	180.2
115	64.2	46.2	69.2

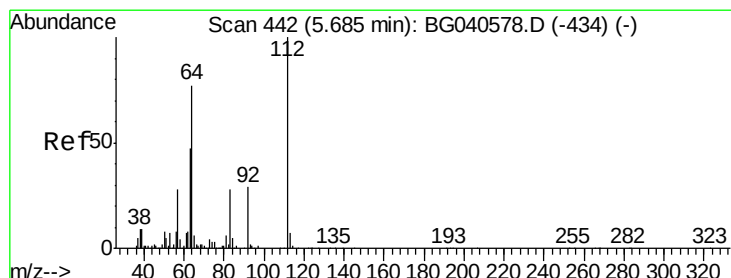
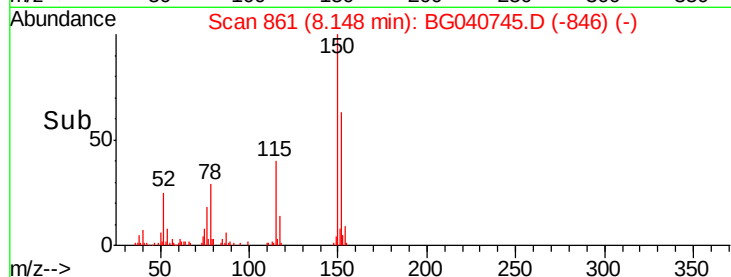
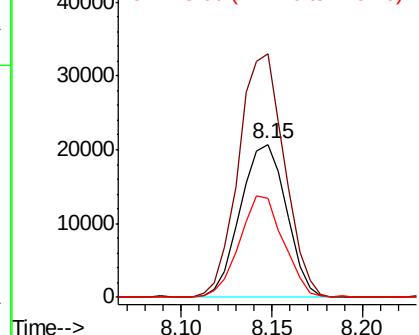


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

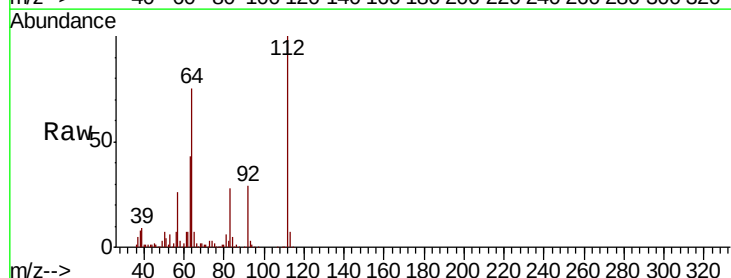
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 169.198 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040745.D
Acq: 4 May 2019 5:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	61.4	92.0
63	43.2	37.8	56.6

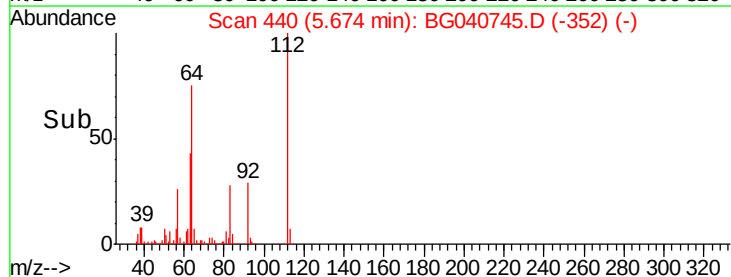
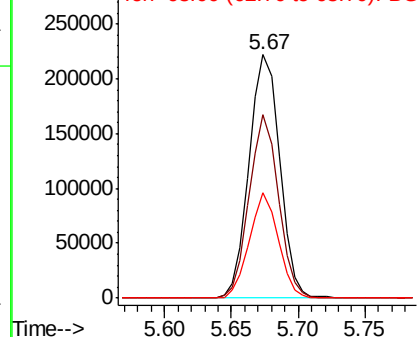


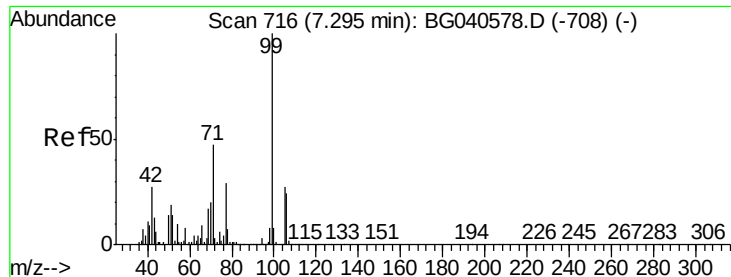
Abundance

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: 149.277 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040745.D

Acq: 4 May 2019 5:50

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-B

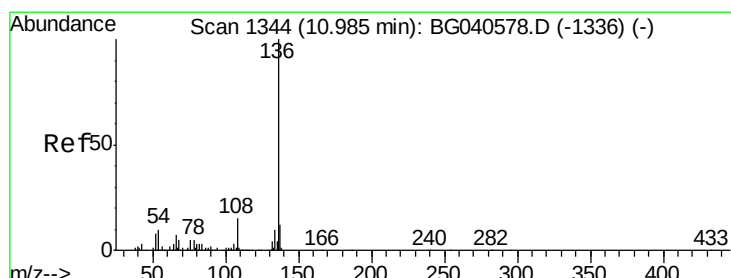
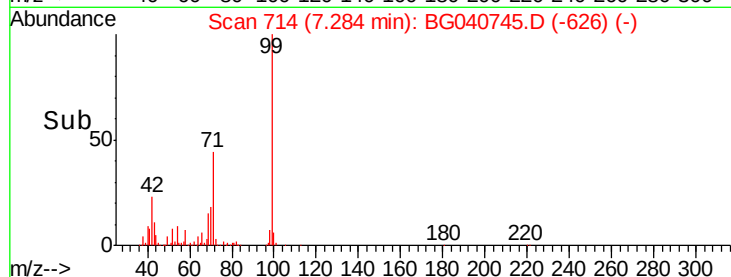
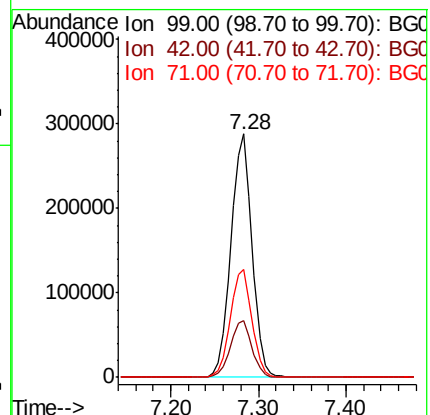
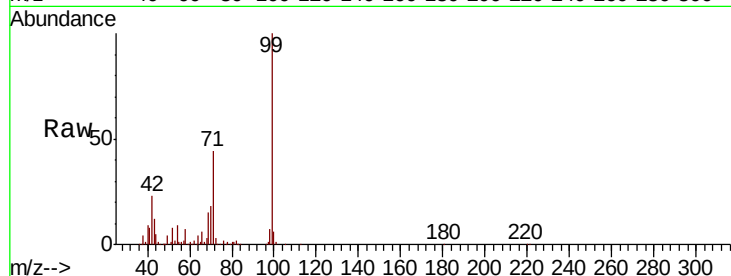
Tot Ion: 99 Resp: 477458

Ion Ratio Lower Upper

99 100

42 23.2 21.8 32.8

71 44.1 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040745.D

Acq: 4 May 2019 5:50

Tgt Ion: 136 Resp: 148250

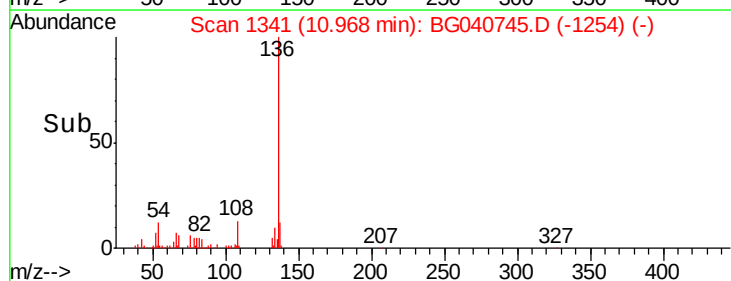
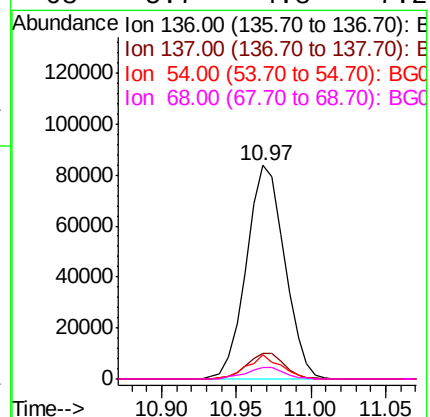
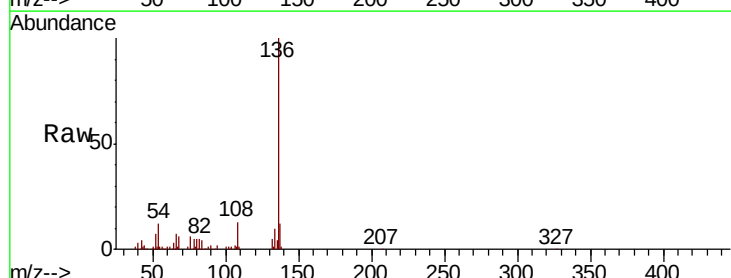
Ion Ratio Lower Upper

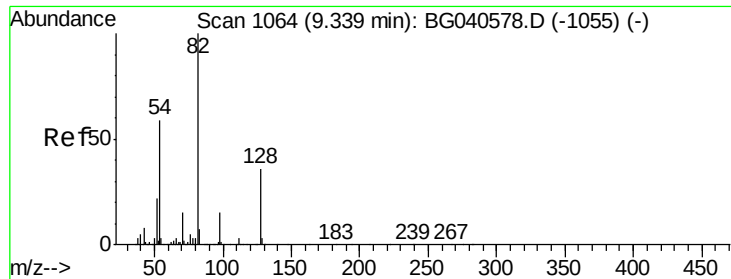
136 100

137 11.9 9.7 14.5

54 11.6 8.6 12.8

68 5.7 4.8 7.2

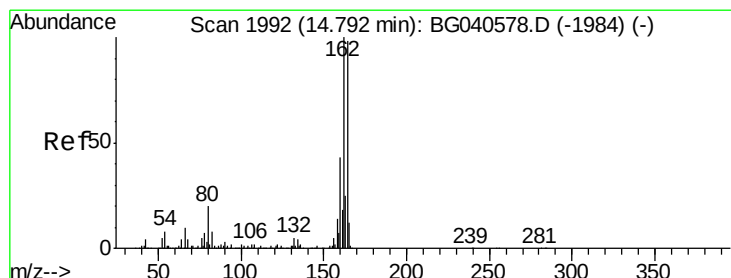
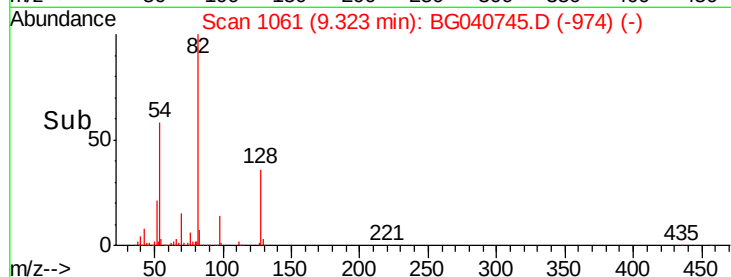
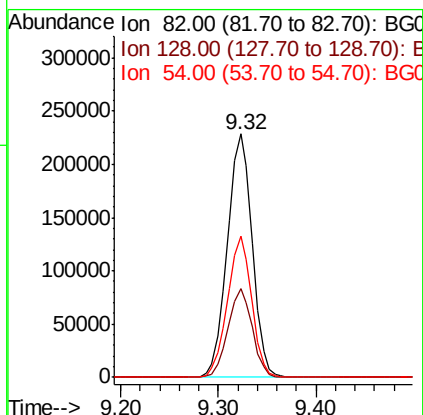
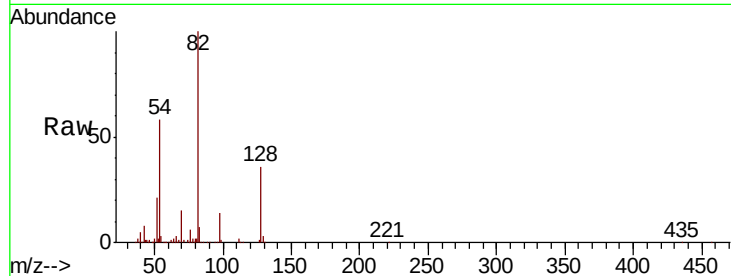




#23
 Nitrobenzene-d5
 Concen: 125.751 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040745.D
 Acq: 4 May 2019 5:50

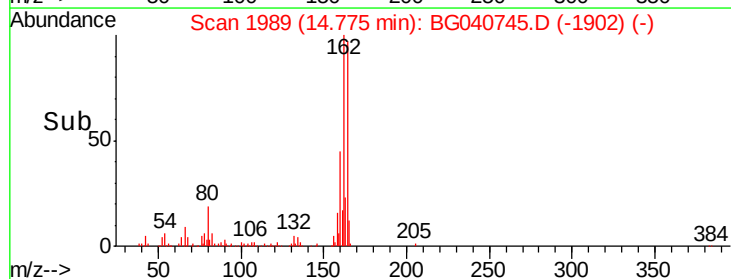
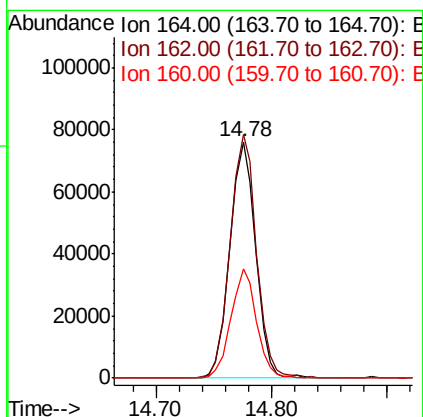
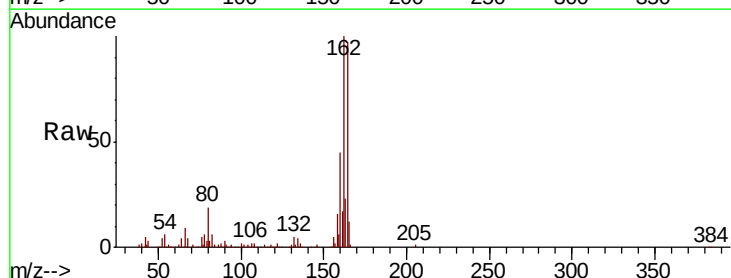
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-B

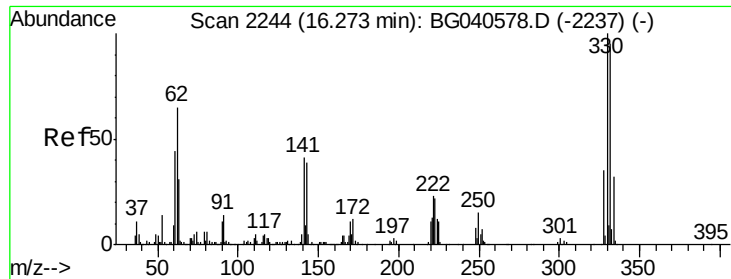
Tot Ion	82	Resp	403466
Ion Ratio	Lower	Upper	
82	100		
128	36.2	28.9	43.3
54	57.9	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040745.D
 Acq: 4 May 2019 5:50

Tgt Ion	164	Resp	117607
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.9	122.9
160	46.0	35.4	53.2

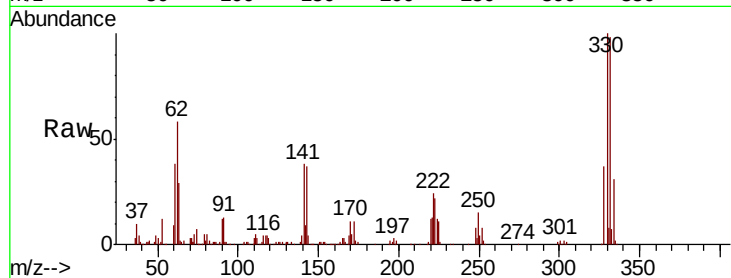




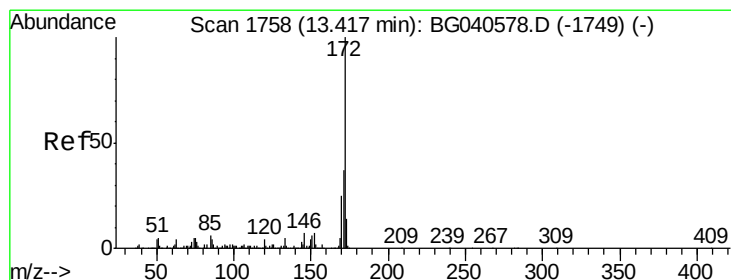
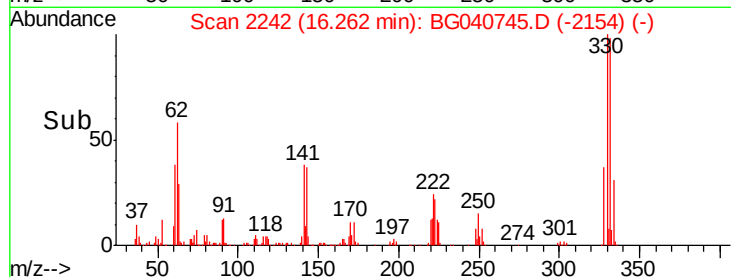
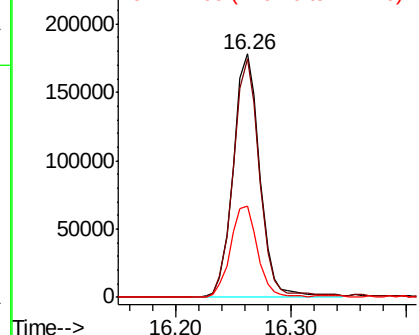
#42
 2,4,6-Tribromophenol
 Concen: 176.860 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040745.D
 Acq: 4 May 2019 5:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.9	113.9
141	38.0	32.4	48.6

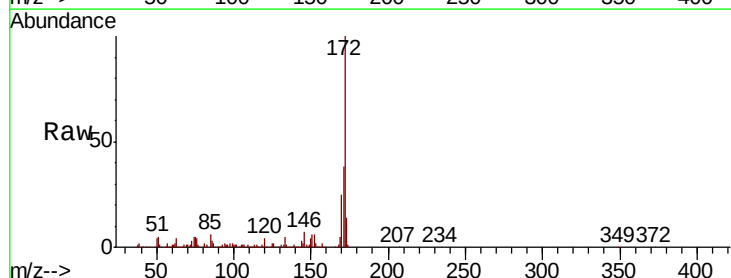


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

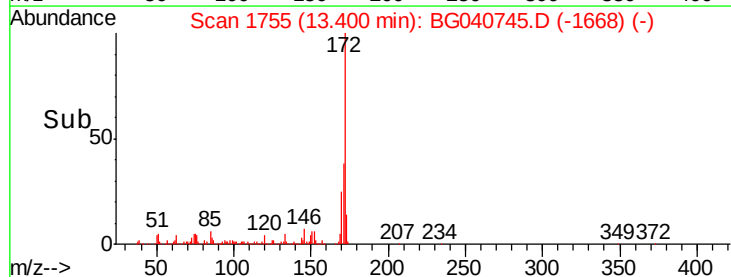
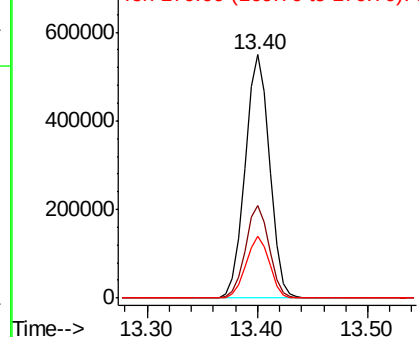


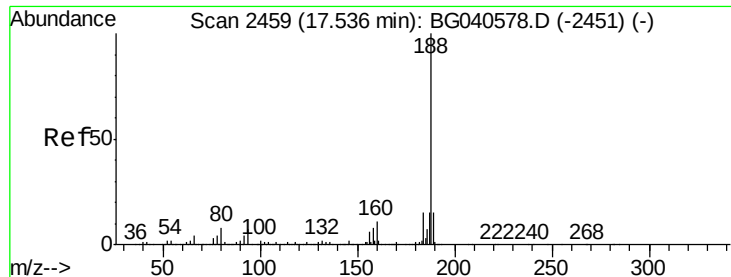
#45
 2-Fluorobiphenyl
 Concen: 104.965 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040745.D
 Acq: 4 May 2019 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.4	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: BG040745.D

Acq: 4 May 2019 5:50

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-B

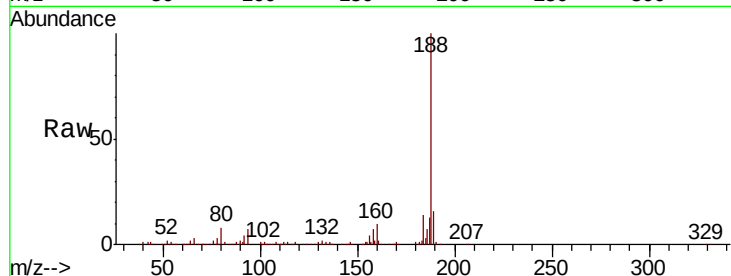
Tot Ion:188 Resp: 340694

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.6	8.4
80	8.2	6.4	9.6

188 100

94 6.9 5.6 8.4

80 8.2 6.4 9.6



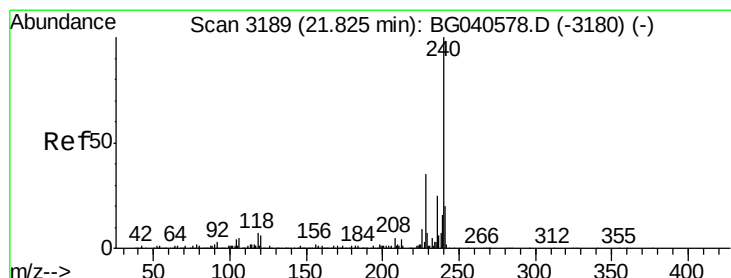
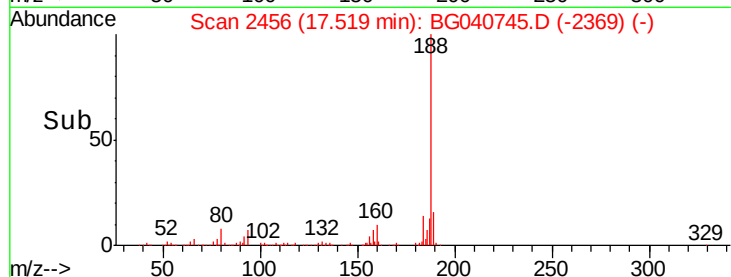
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG040745.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BG040745.D (-2369) (-)

17.52

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040745.D

Acq: 4 May 2019 5:50

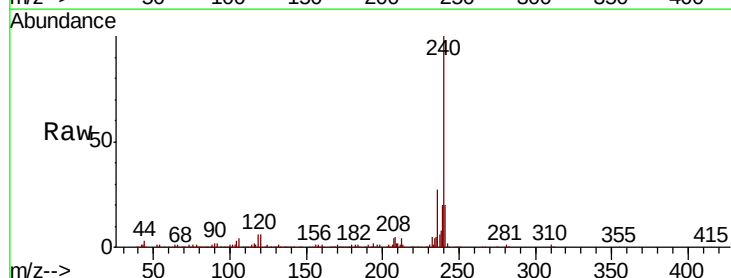
Tgt Ion:240 Resp: 341789

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	27.4	20.3	30.5

240 100

120 5.9 5.0 7.6

236 27.4 20.3 30.5



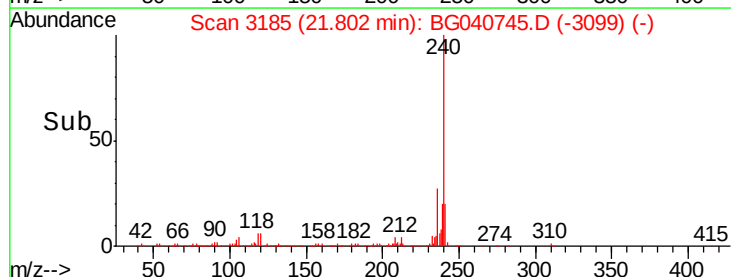
Abundance Ion 240.00 (239.70 to 240.70): E

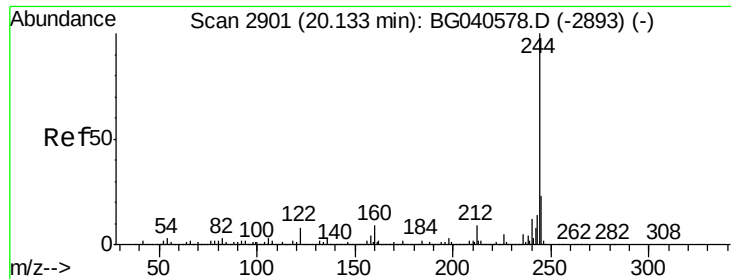
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.80

Time-->





#79

Terphenyl-d14

Concen: 124.418 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040745.D

Acq: 4 May 2019 5:50

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-B

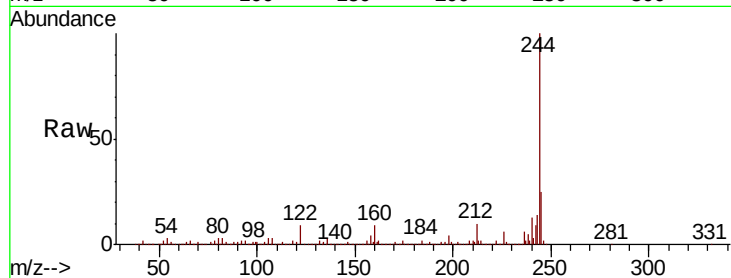
Tot Ion:244 Resp: 1919486

Ion Ratio Lower Upper

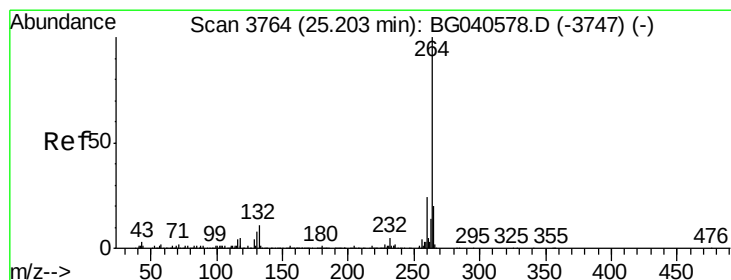
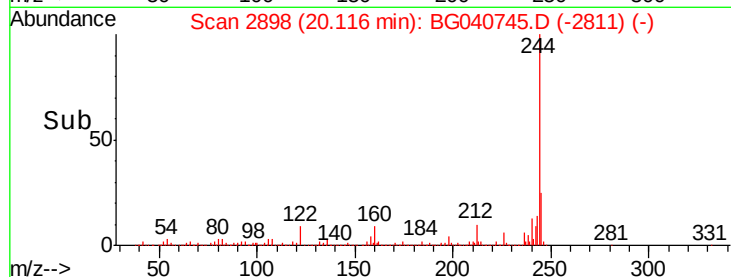
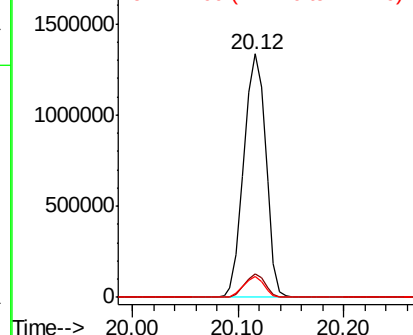
244 100

212 9.8 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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG040745.D

Acq: 4 May 2019 5:50

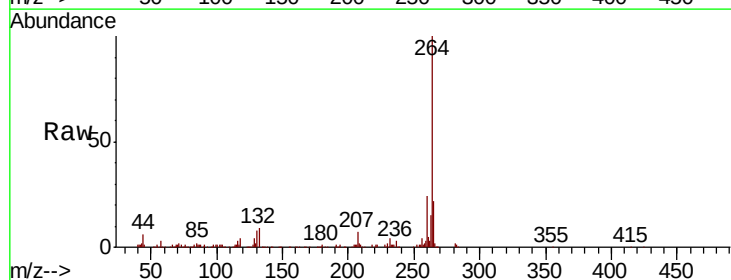
Tgt Ion:264 Resp: 325733

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.9 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

