

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040717.D
 Acq On : 2 May 2019 21:32
 Operator : JU/SJ
 Sample : K2627-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: May 03 07:08:22 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	47570	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	187201	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	138062	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	402776	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	434072	20.00	ng	-0.03
87) Perylene-d12	25.15	264	440667	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	388650	144.02	ng	0.00
7) Phenol-d6	7.29	99	509348	122.58	ng	0.00
23) Nitrobenzene-d5	9.33	82	450439	111.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	359857	189.63	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	938774	98.20	ng	-0.01
79) Terphenyl-d14	20.11	244	2057847	105.03	ng	-0.02

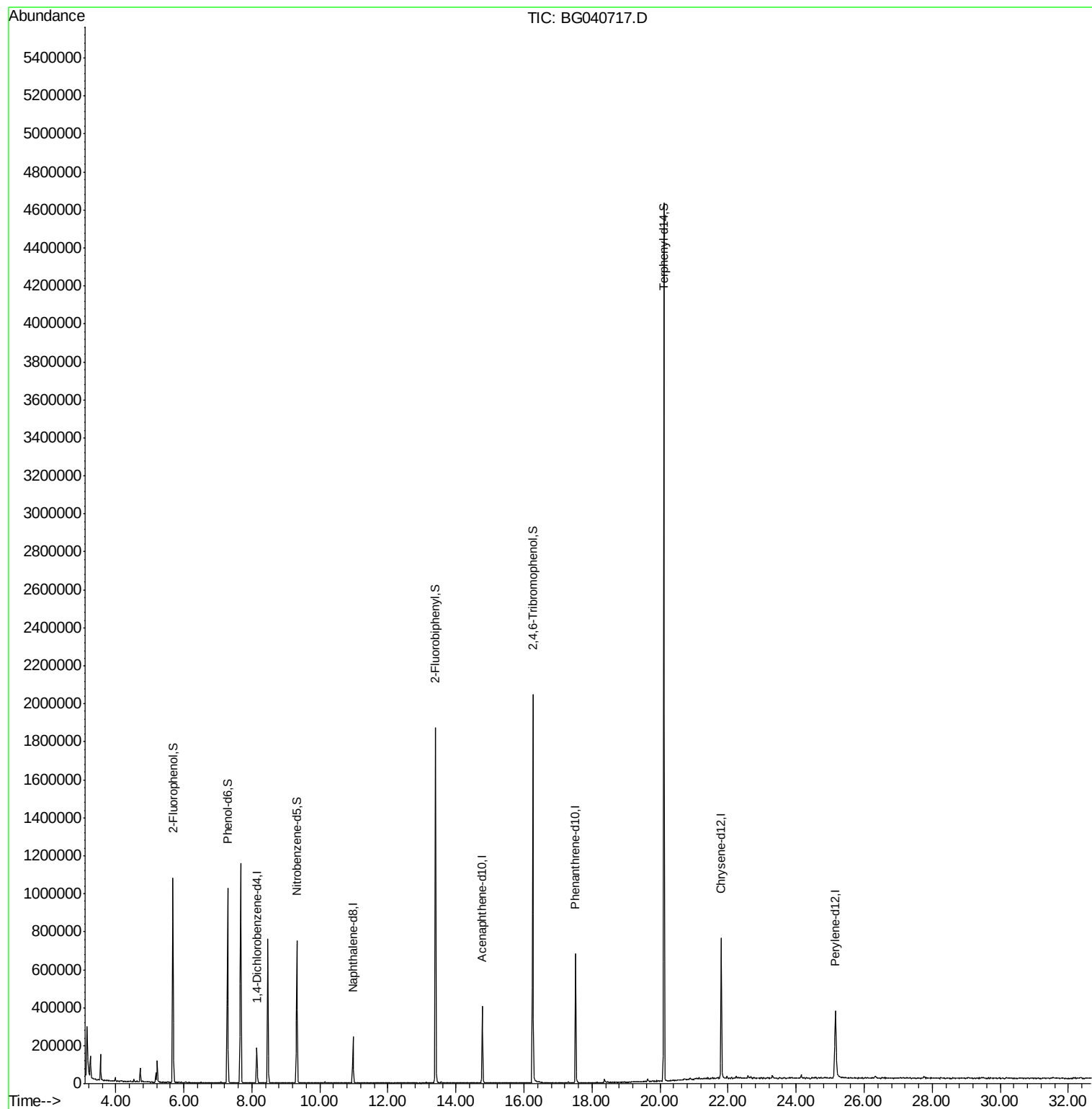
Target Compounds Qvalue

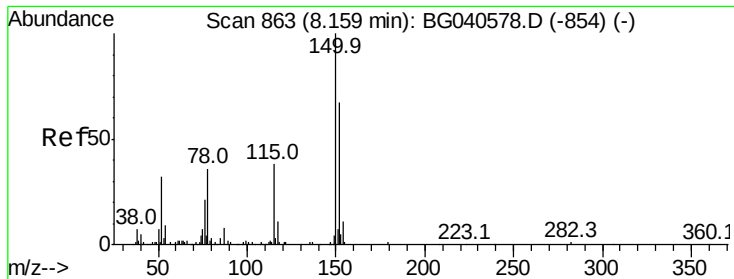
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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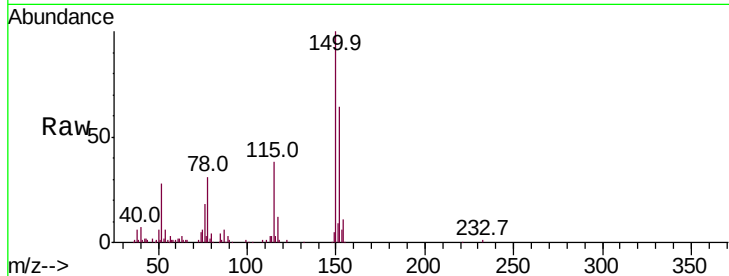


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040717.D
Acq: 2 May 2019 21:32

Instrument :
BNA_G
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.2	180.2
115	58.8	46.2	69.2

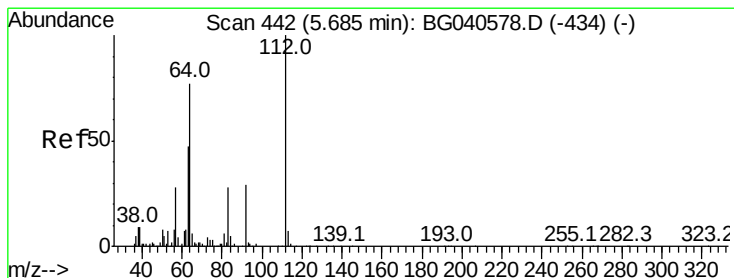
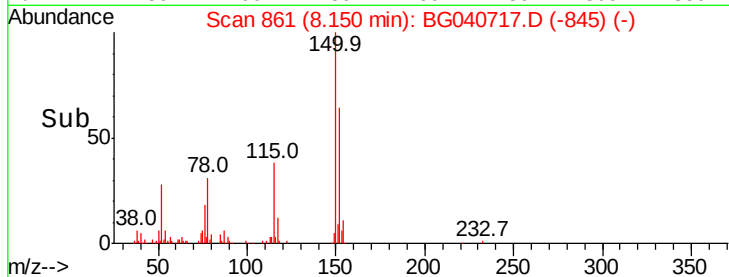
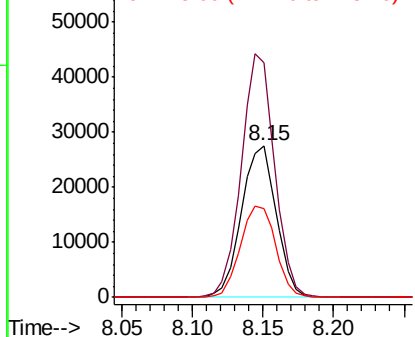


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

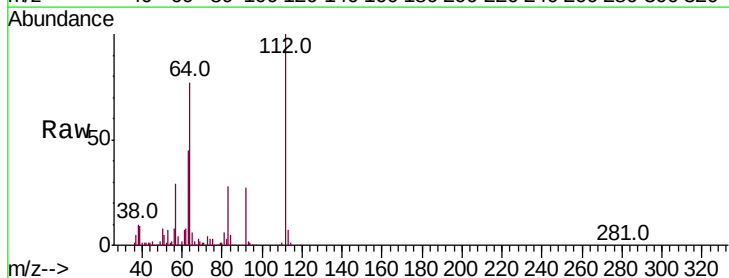
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.019 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040717.D
Acq: 2 May 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.6	61.4	92.0
63	45.0	37.8	56.6

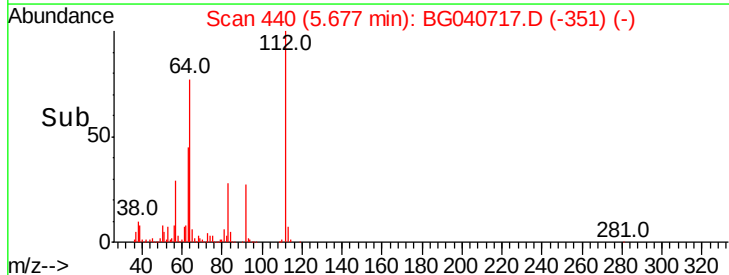
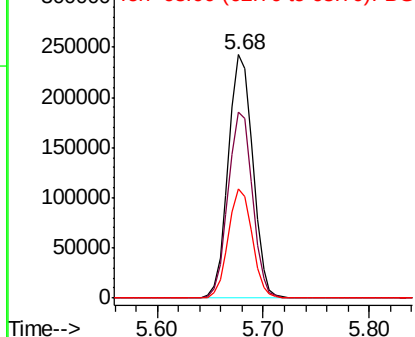


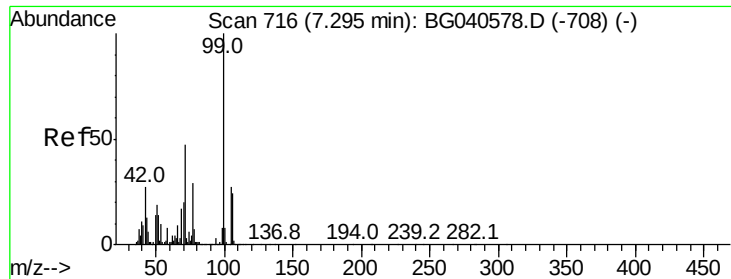
Abundance

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: 122.584 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040717.D

Acq: 2 May 2019 21:32

Instrument :

BNA_G

ClientSampleId :

WC-1

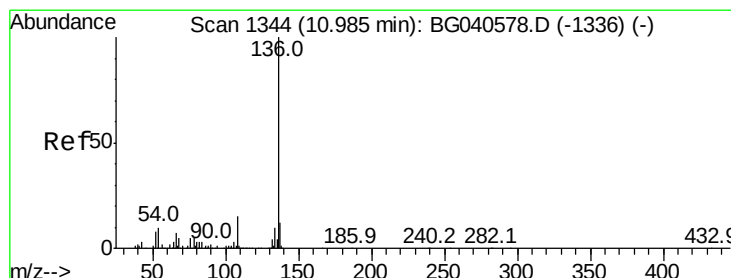
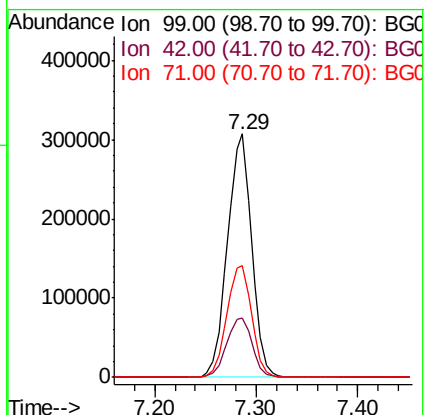
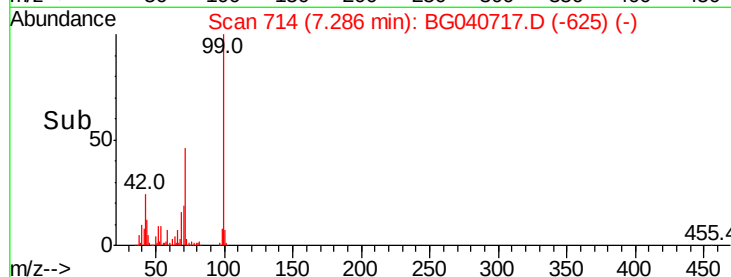
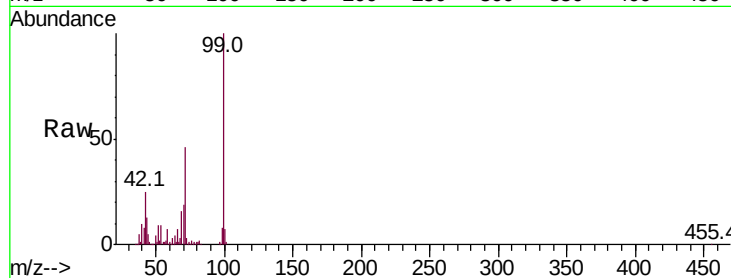
Tot Ion: 99 Resp: 509348

Ion Ratio Lower Upper

99 100

42 24.5 21.8 32.8

71 46.1 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BG040717.D

Acq: 2 May 2019 21:32

Tgt Ion: 136 Resp: 187201

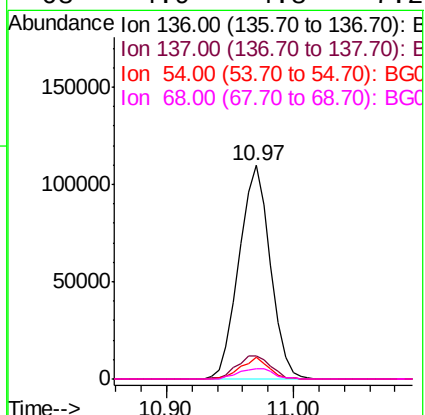
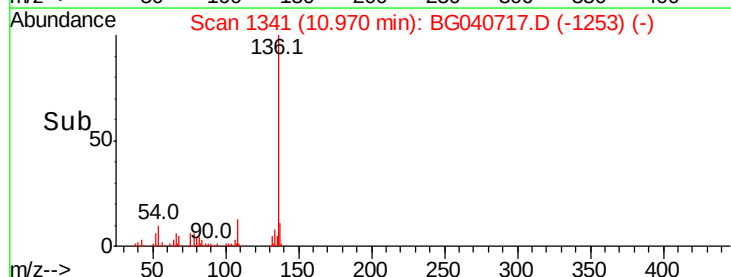
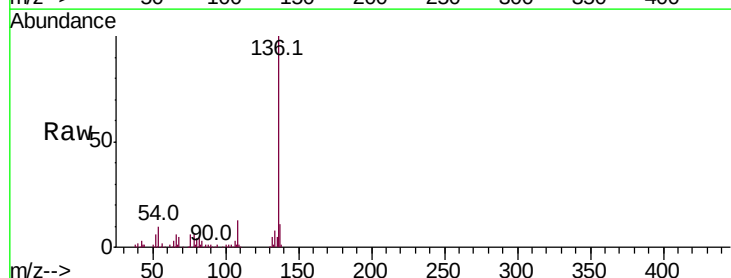
Ion Ratio Lower Upper

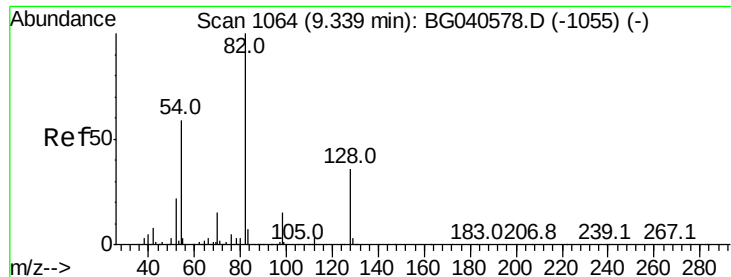
136 100

137 10.8 9.7 14.5

54 10.3 8.6 12.8

68 4.9 4.8 7.2

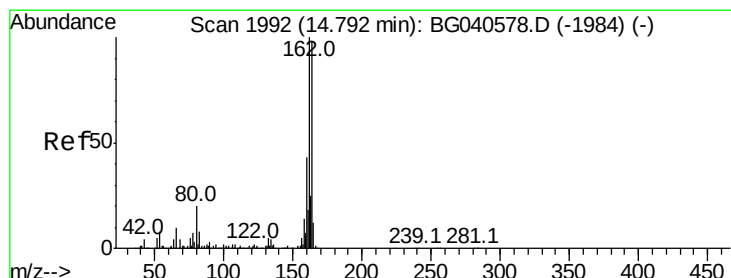
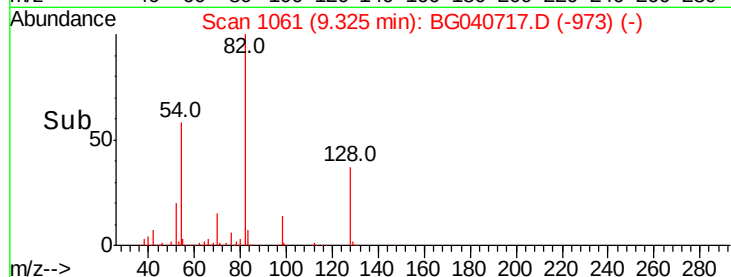
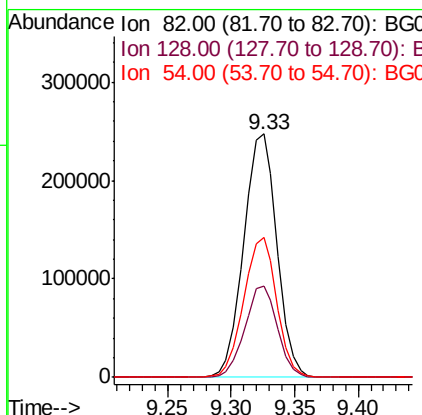
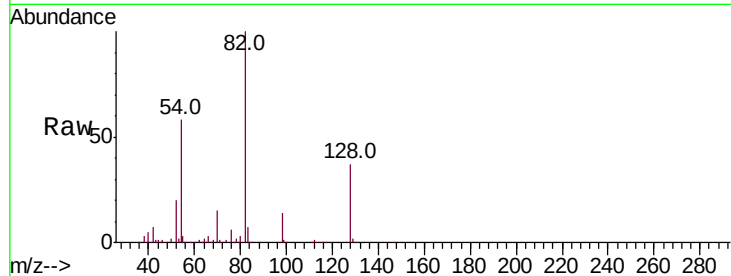




#23
Nitrobenzene-d5
Concen: 111.180 ng
RT: 9.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG040717.D
Acq: 2 May 2019 21:32

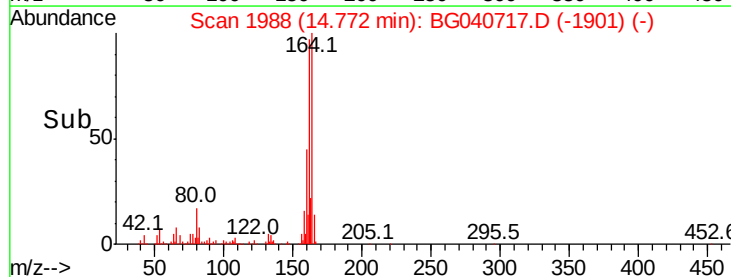
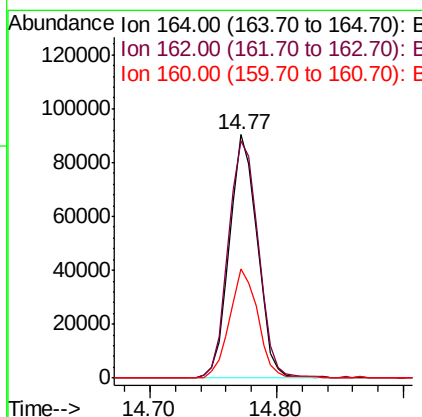
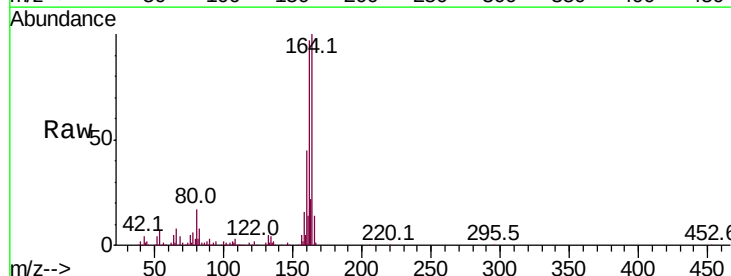
Instrument :
BNA_G
ClientSampleId :
WC-1

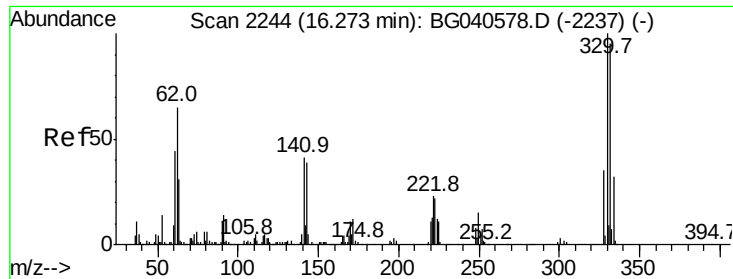
Tot Ion	82	Resp	450439
Ion Ratio	Lower	Upper	
82	100		
128	37.4	28.9	43.3
54	57.5	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040717.D
Acq: 2 May 2019 21:32

Tgt Ion	164	Resp	138062
Ion Ratio	Lower	Upper	
164	100		
162	97.5	81.9	122.9
160	44.7	35.4	53.2

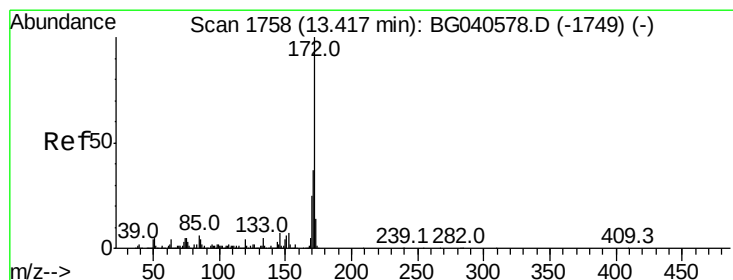
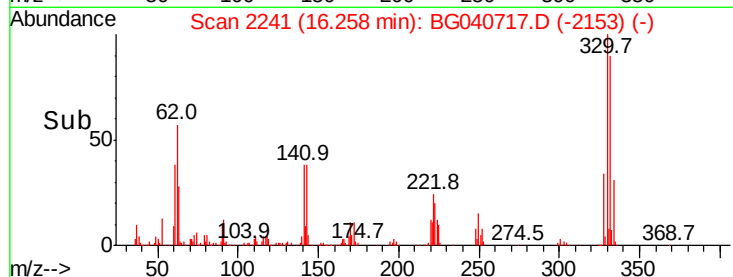
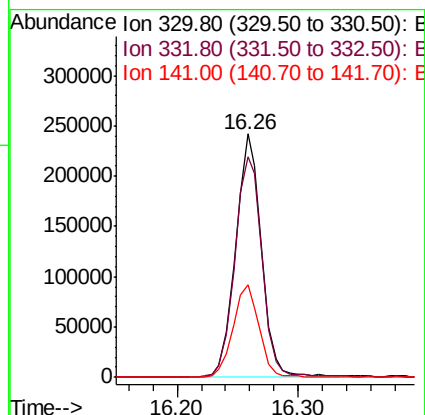
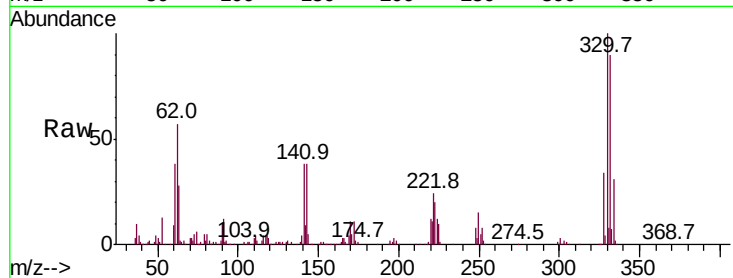




#42
 2,4,6-Tribromophenol
 Concen: 189.629 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG040717.D
 Acq: 2 May 2019 21:32

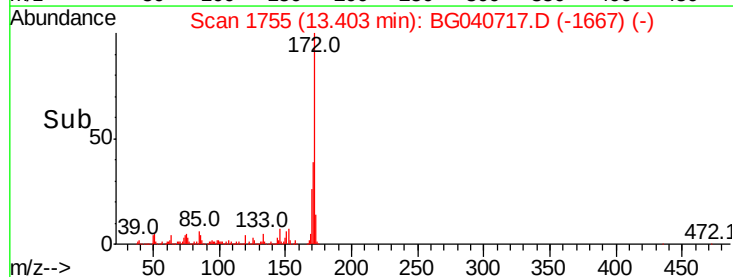
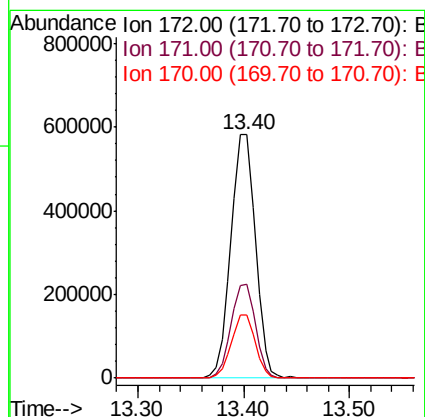
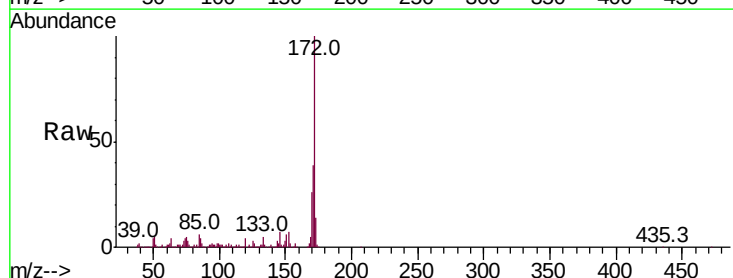
Instrument :
 BNA_G
 ClientSampleId :
 WC-1

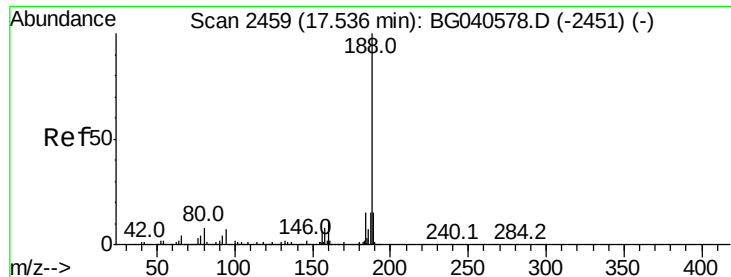
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	38.7	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 98.201 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG040717.D
 Acq: 2 May 2019 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.4	44.2
170	25.9	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040717.D

Acq: 2 May 2019 21:32

Instrument :

BNA_G

ClientSampleId :

WC-1

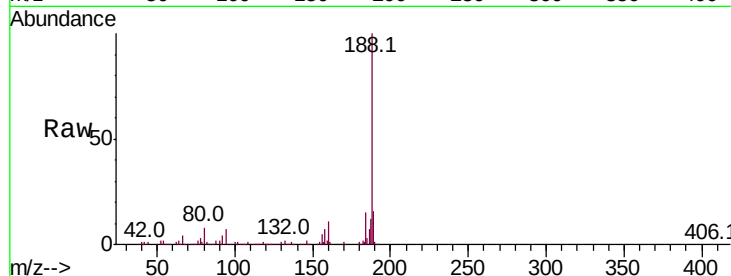
Tot Ion:188 Resp: 402776

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

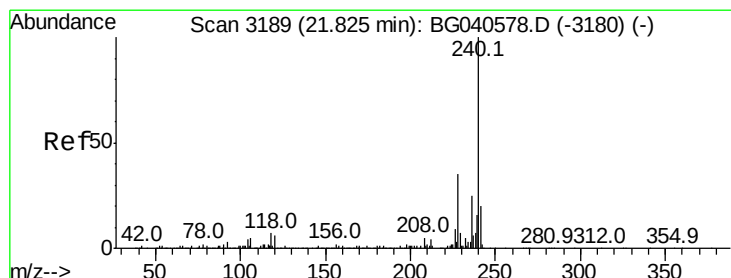
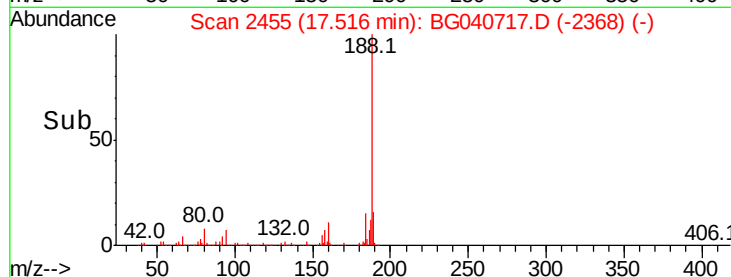
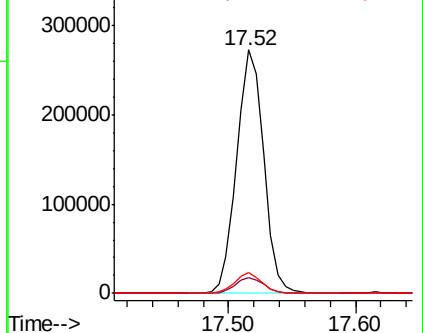
80 8.4 6.4 9.6



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# 3184

Delta R.T. -0.03 min

Lab File: BG040717.D

Acq: 2 May 2019 21:32

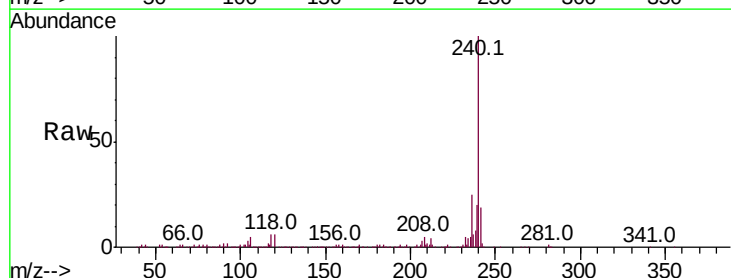
Tgt Ion:240 Resp: 434072

Ion Ratio Lower Upper

240 100

120 6.0 5.0 7.6

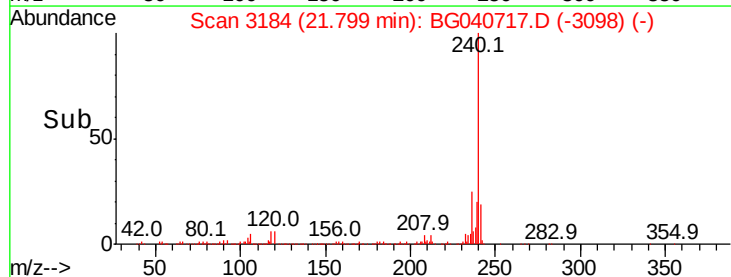
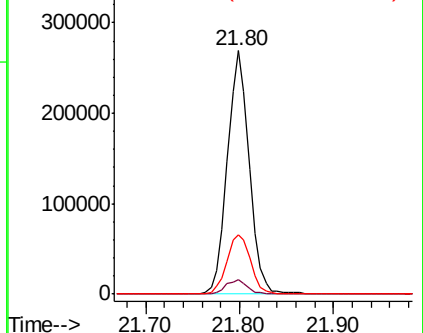
236 24.5 20.3 30.5

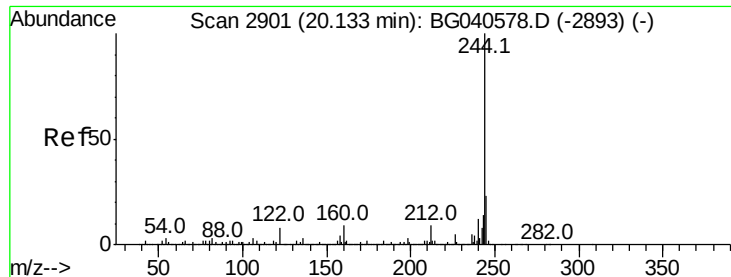


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.029 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040717.D

Acq: 2 May 2019 21:32

Instrument :

BNA_G

ClientSampleId :

WC-1

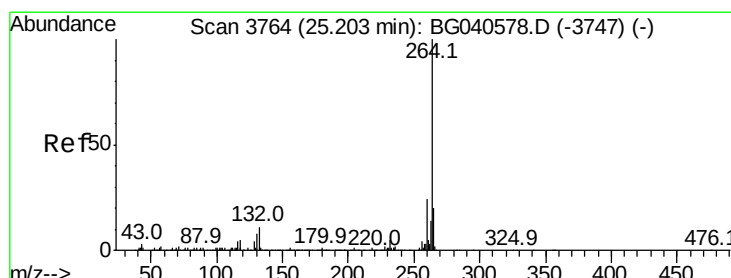
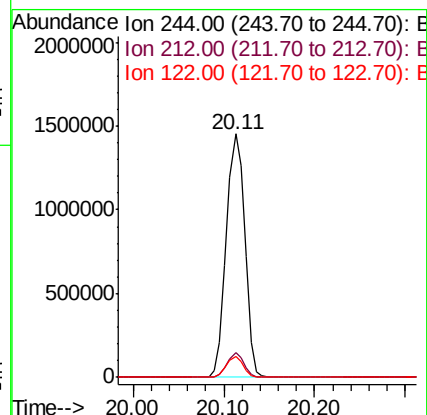
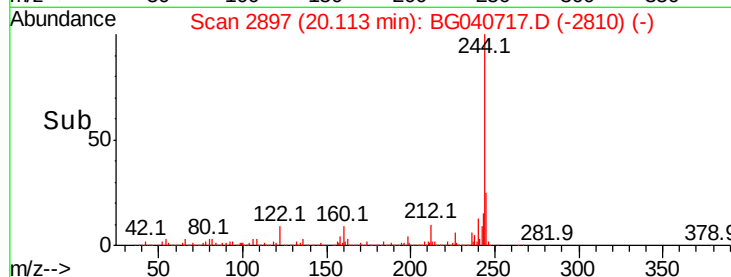
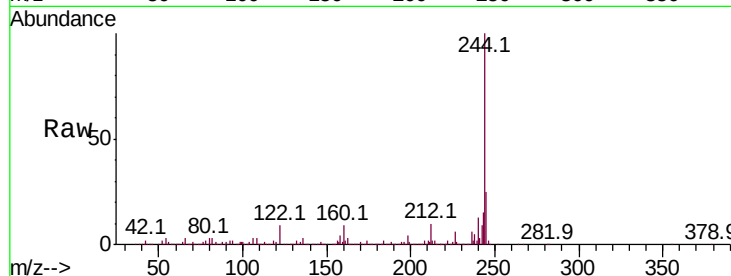
Tot Ion:244 Resp: 2057847

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.2	10.8
122	8.8	6.6	10.0

244 100

212 10.0 7.2 10.8

122 8.8 6.6 10.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040717.D

Acq: 2 May 2019 21:32

Tgt Ion:264 Resp: 440667

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.8	16.6	25.0

264 100

260 23.4 19.2 28.8

265 22.8 16.6 25.0

