

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040714.D
 Acq On : 2 May 2019 19:38
 Operator : JU/SJ
 Sample : K2204-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

Quant Time: May 03 06:34:35 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	8.14	152	41976	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	170095	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	126911	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	379190	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	395743	20.00	ng	-0.03
87) Perylene-d12	25.15	264	384916	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	384509	161.47	ng	0.00
7) Phenol-d6	7.29	99	513376	140.02	ng	0.00
23) Nitrobenzene-d5	9.32	82	427592	116.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	354764	203.37	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	910981	103.67	ng	-0.02
79) Terphenyl-d14	20.11	244	1963576	109.92	ng	-0.02

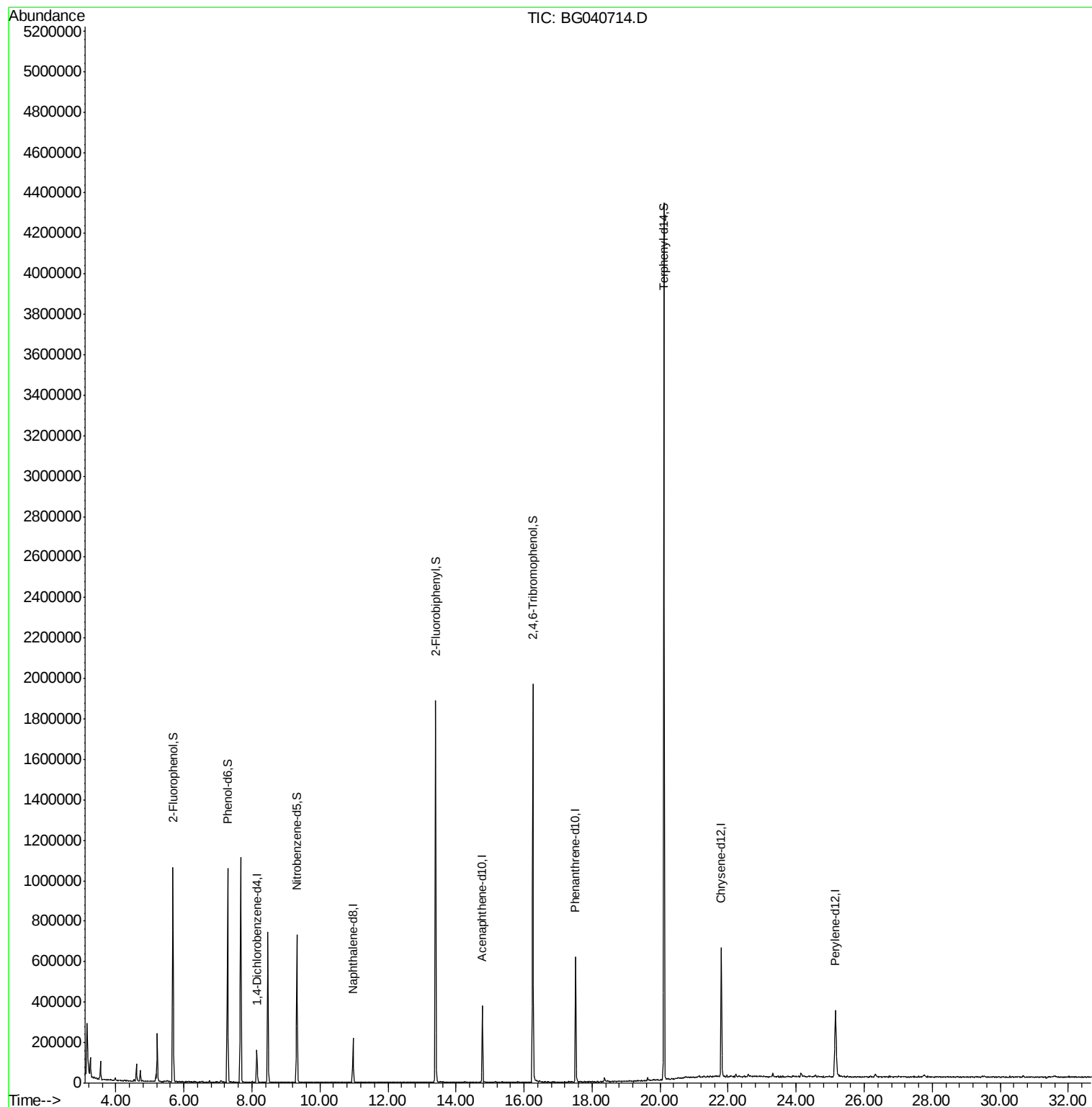
Target Compounds Qvalue

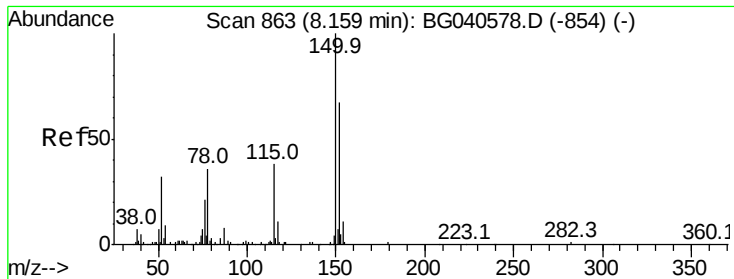
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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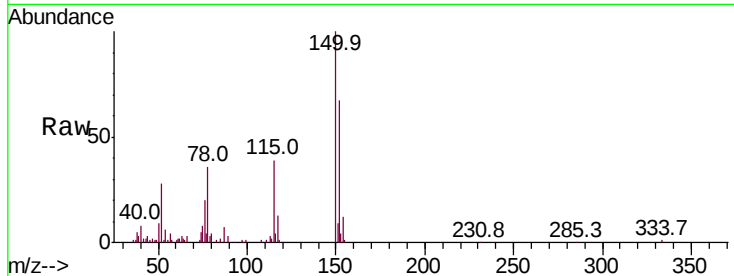


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040714.D
Acq: 2 May 2019 19:38

Instrument :
BNA_G
ClientSampleId :
TR-04-043019

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	120.2	180.2
115	58.4	46.2	69.2

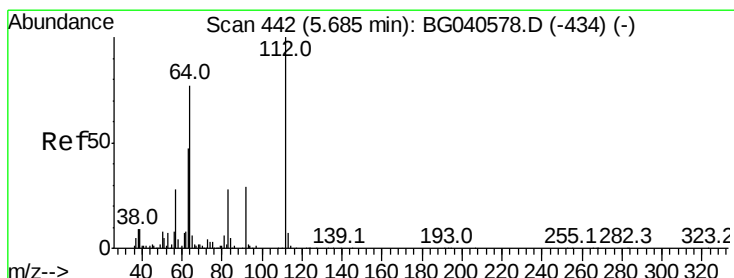
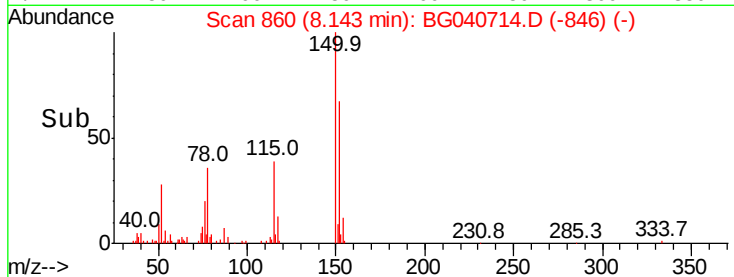
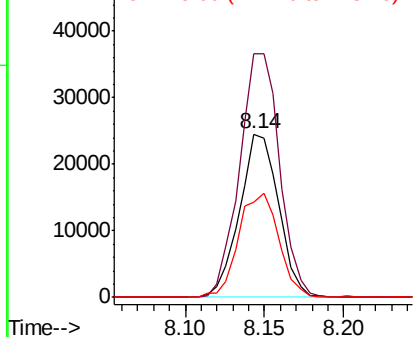


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

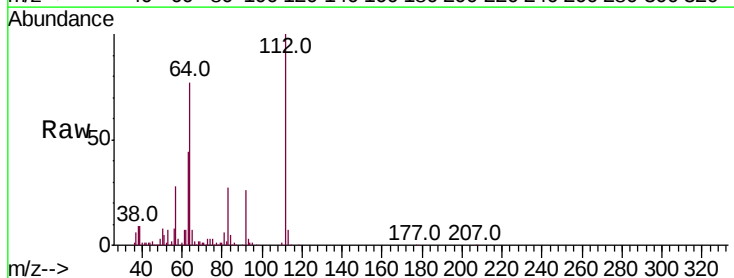
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.473 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040714.D
Acq: 2 May 2019 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	61.4	92.0
63	43.7	37.8	56.6

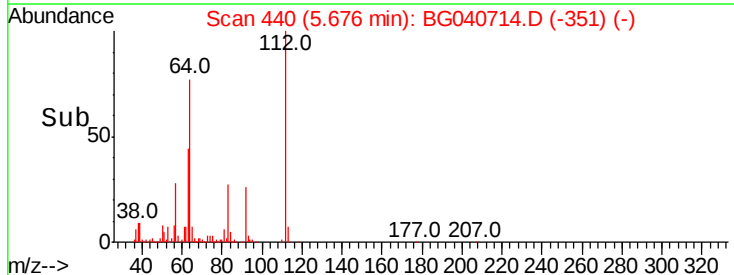
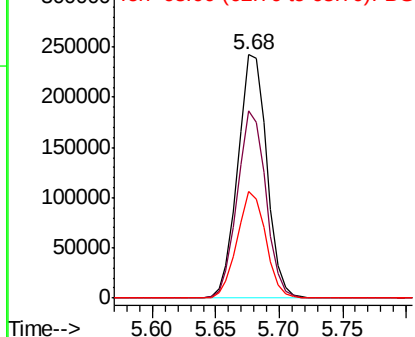


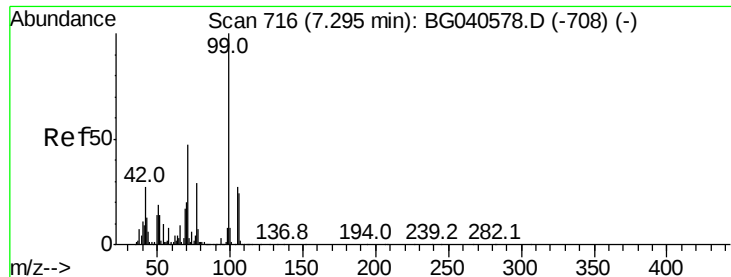
Abundance

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: 140.019 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Instrument :

BNA_G

ClientSampleId :

TR-04-043019

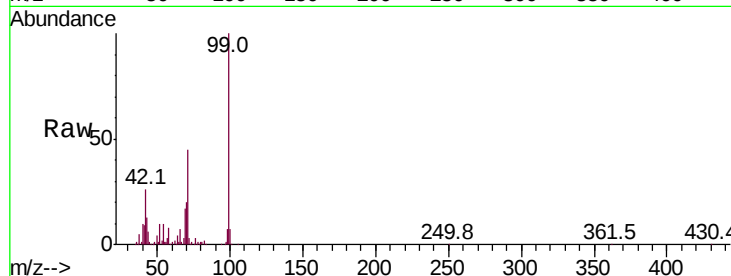
Tot Ion: 99 Resp: 513376

Ion Ratio Lower Upper

99 100

42 25.8 21.8 32.8

71 45.4 38.6 57.8

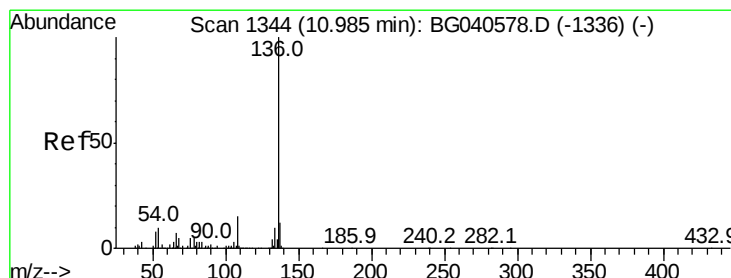
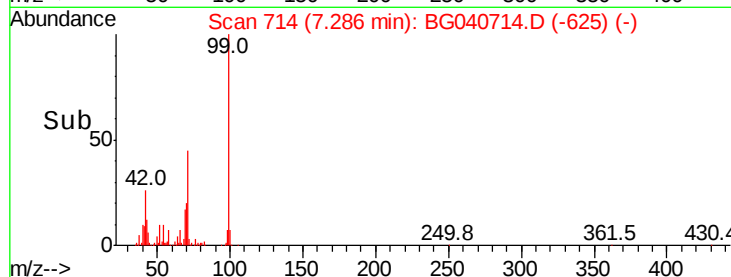
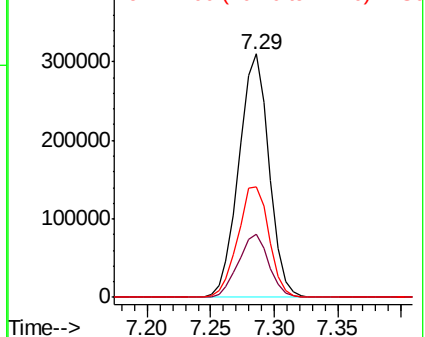


Abundance

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: BG040714.D

Acq: 2 May 2019 19:38

Tgt Ion: 136 Resp: 170095

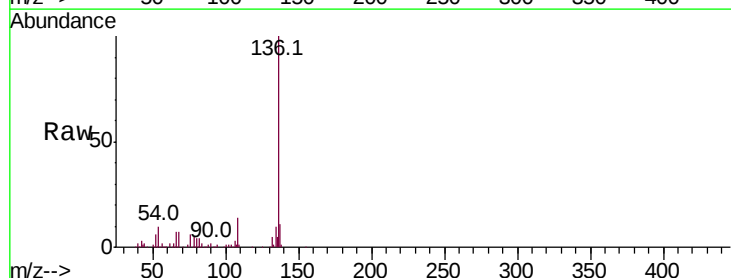
Ion Ratio Lower Upper

136 100

137 11.4 9.7 14.5

54 9.7 8.6 12.8

68 7.1 4.8 7.2



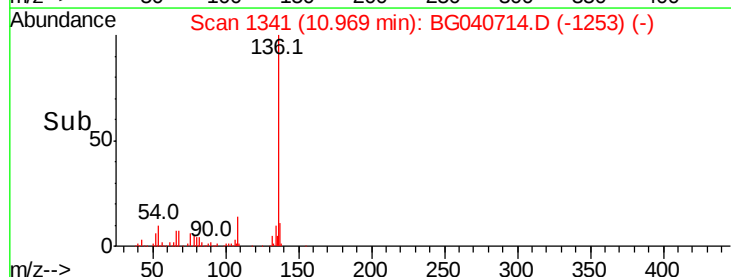
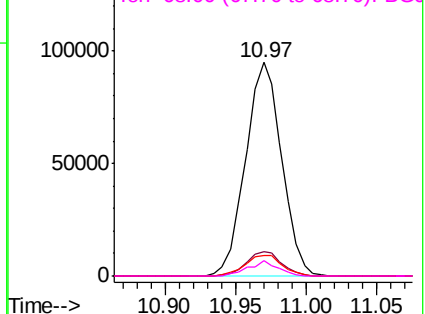
Abundance

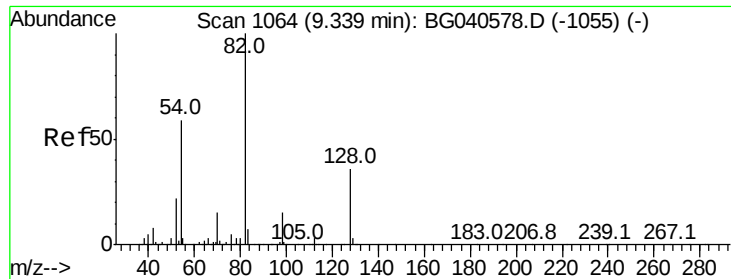
Ion 136.00 (135.70 to 136.70): BGC

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

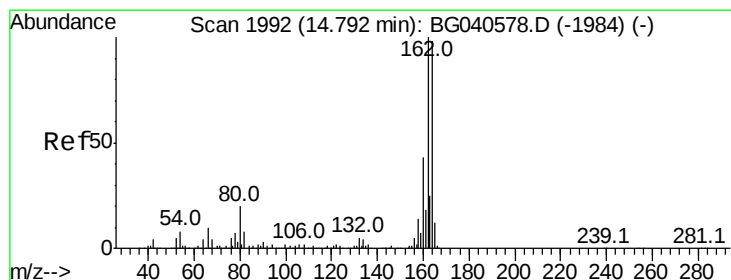
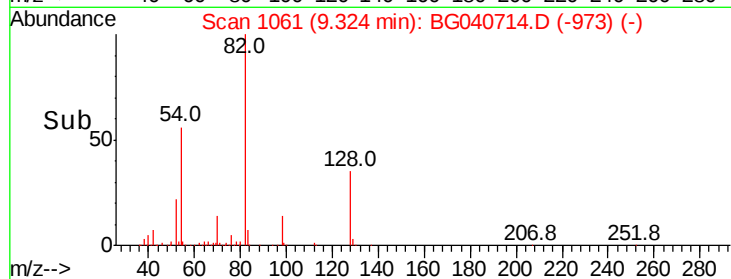
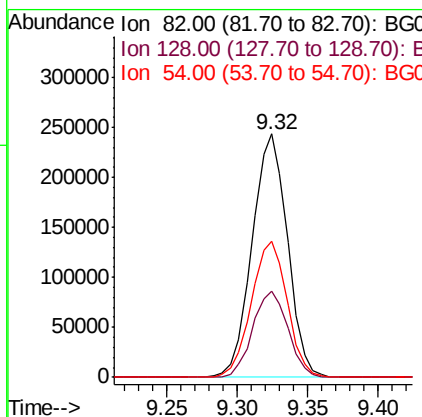
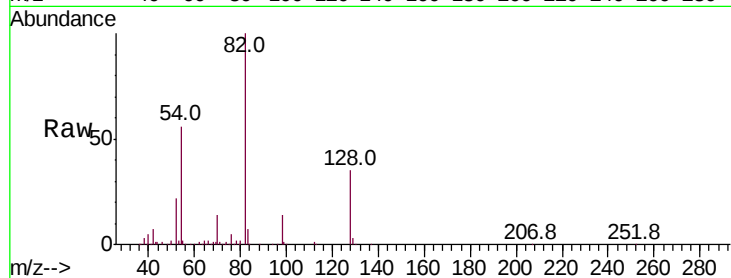




#23
 Nitrobenzene-d5
 Concen: 116.155 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

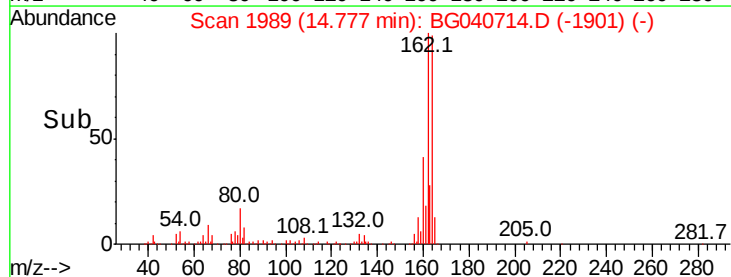
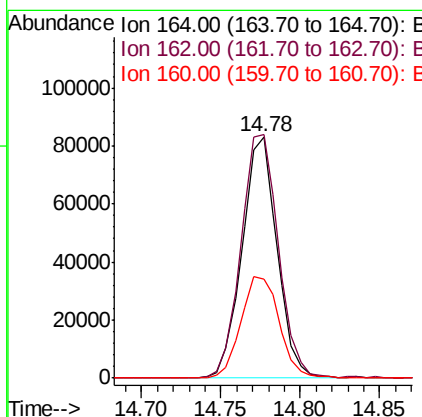
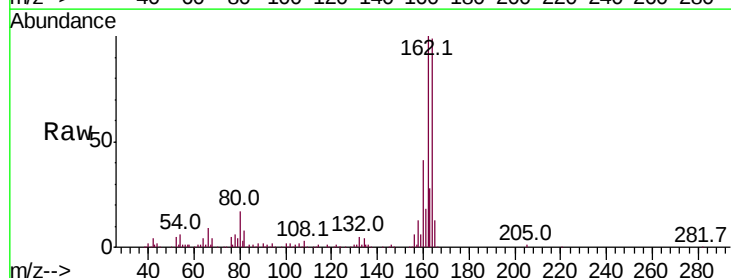
Instrument :
 BNA_G
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 TR-04-043019

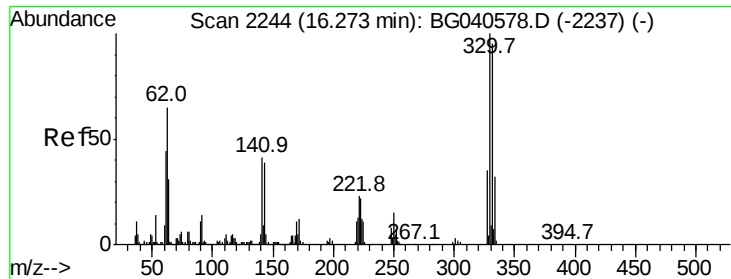
Tot Ion	82	Resp	427592
Ion Ratio	100	Lower	Upper
128	35.3	28.9	43.3
54	56.2	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion	164	Resp	126911
Ion Ratio	100	Lower	Upper
162	100.9	81.9	122.9
160	41.2	35.4	53.2

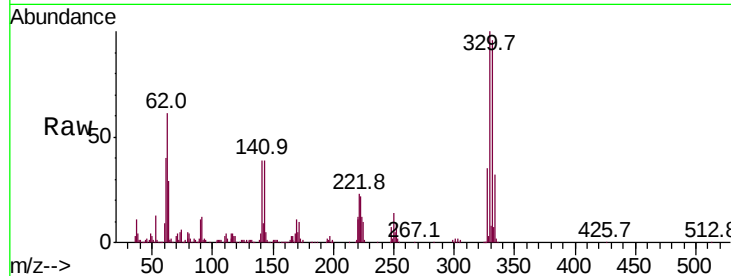




#42
 2,4,6-Tribromophenol
 Concen: 203.371 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.9	113.9
141	38.7	32.4	48.6

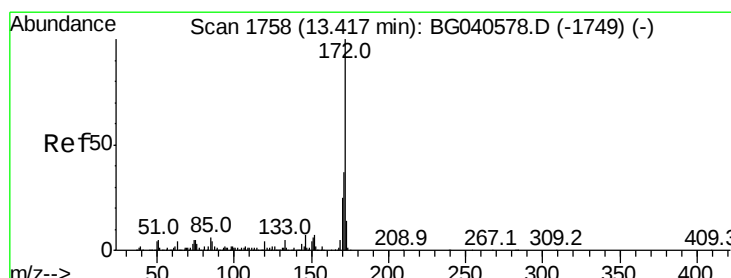
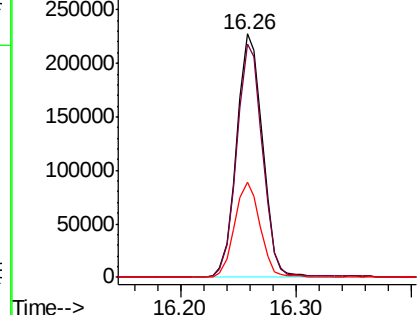
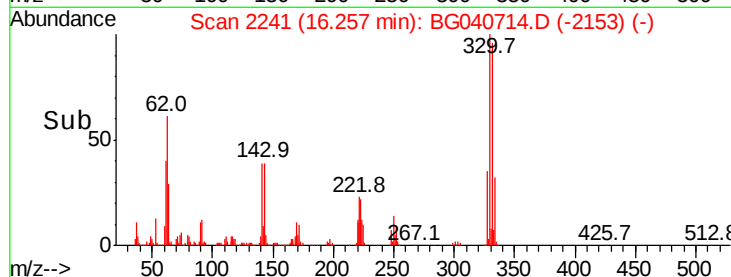


Abundance

Ion 329.80 (329.50 to 330.50): E

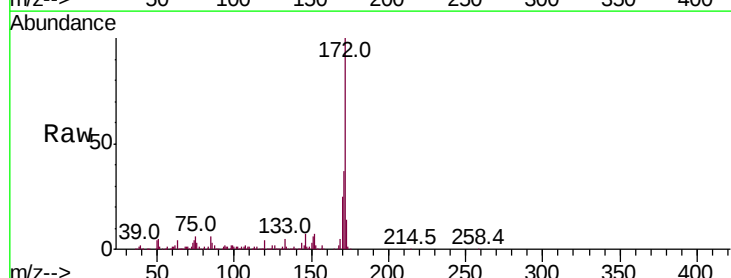
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.666 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	24.6	19.9	29.9

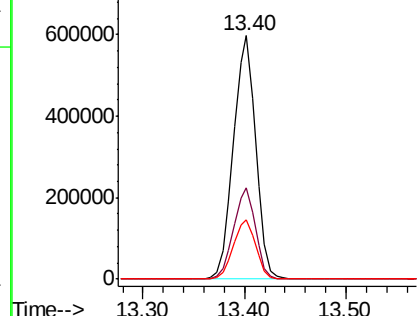
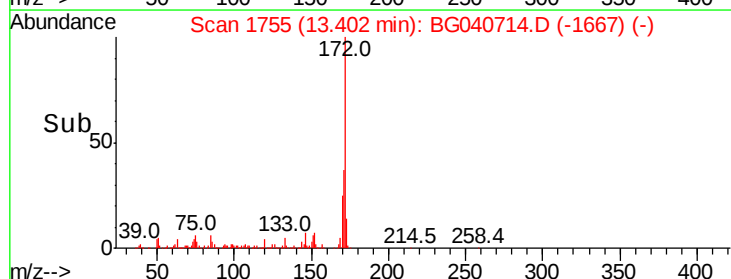


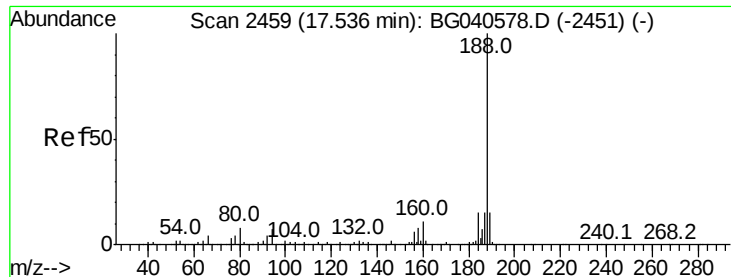
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

Instrument :

BNA_G

ClientSampleId :

TR-04-043019

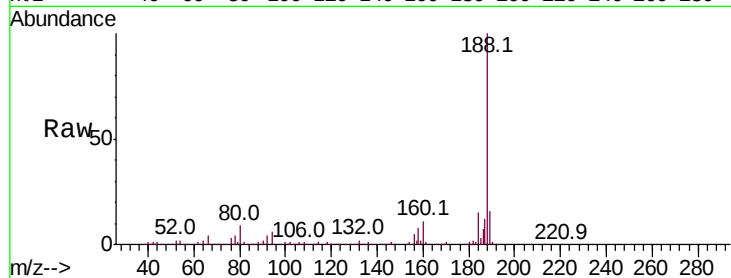
Tot Ion:188 Resp: 379190

Ion Ratio Lower Upper

188 100

94 5.8 5.6 8.4

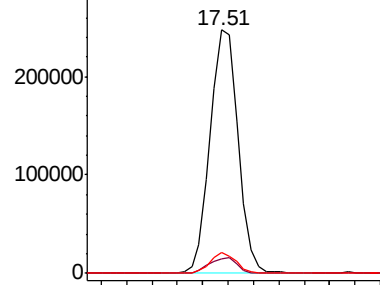
80 8.8 6.4 9.6



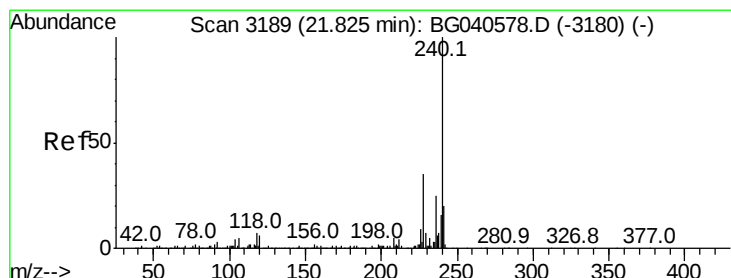
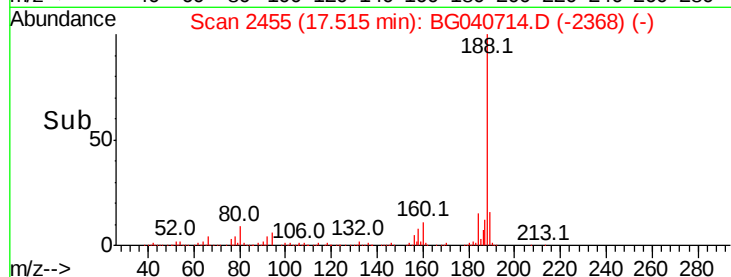
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040714.D

Acq: 2 May 2019 19:38

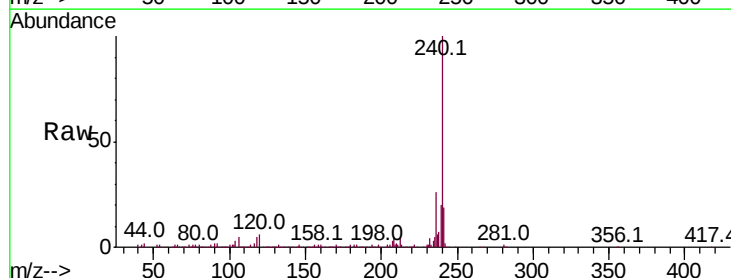
Tgt Ion:240 Resp: 395743

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

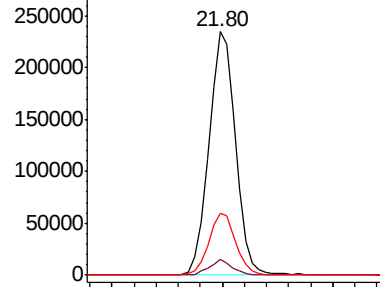
236 25.6 20.3 30.5



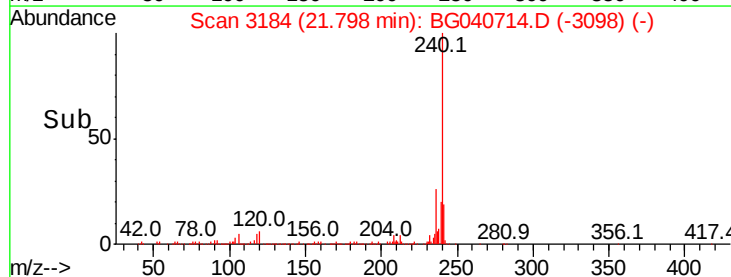
Abundance Ion 240.00 (239.70 to 240.70): E

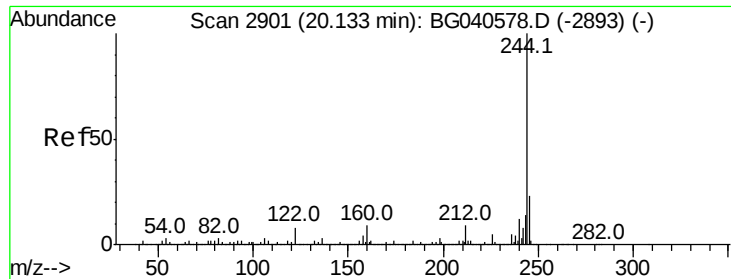
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



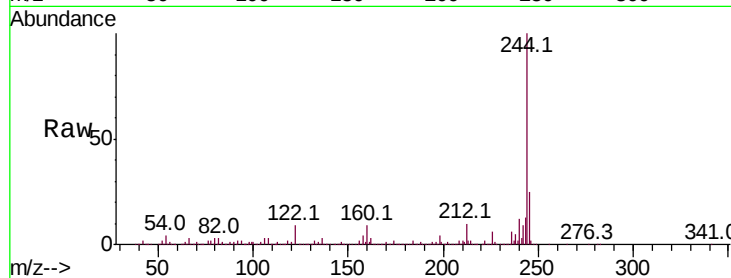


#79
 Terphenyl-d14
 Concen: 109.924 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

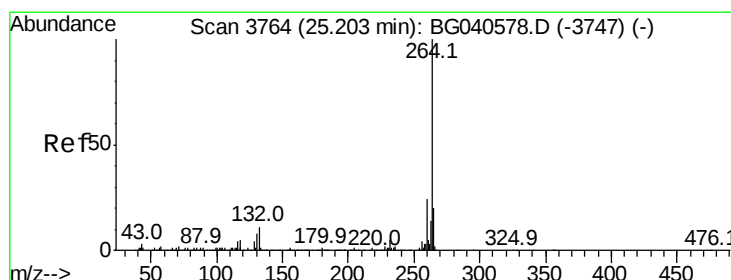
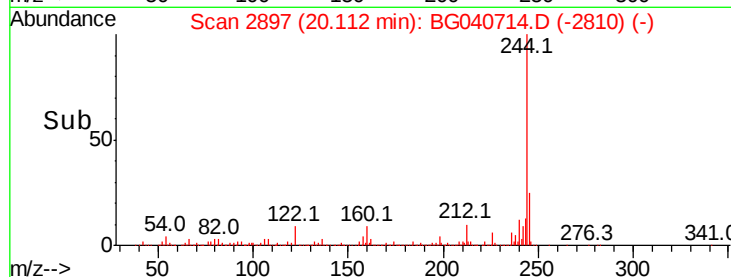
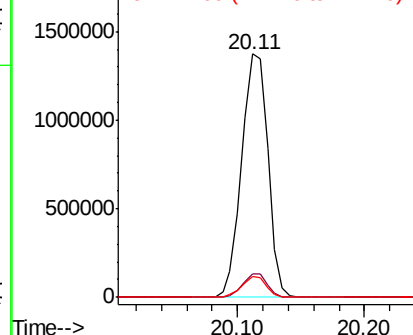
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019

Tot Ion:244 Resp: 1963576

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.7	6.6	10.0



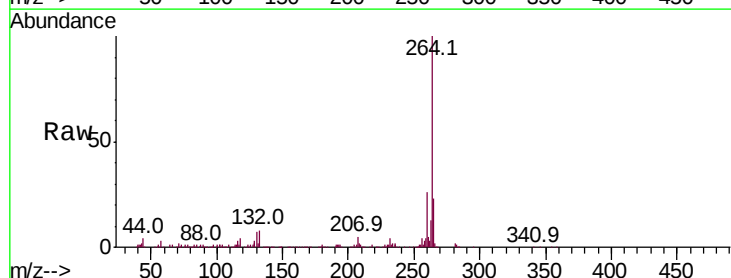
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040714.D
 Acq: 2 May 2019 19:38

Tgt Ion:264 Resp: 384916

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.6	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

