

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040720.D
 Acq On : 2 May 2019 23:26
 Operator : JU/SJ
 Sample : K2617-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROCK-COMP

Quant Time: May 03 07:28:55 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	46158	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	174862	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	132928	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	390448	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	417130	20.00	ng	-0.03
87) Perylene-d12	25.16	264	420150	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	380483	145.31	ng	0.00
7) Phenol-d6	7.28	99	512071	127.01	ng	-0.01
23) Nitrobenzene-d5	9.32	82	430601	113.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	332627	182.05	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	896063	97.35	ng	-0.02
79) Terphenyl-d14	20.12	244	1983896	105.37	ng	-0.02

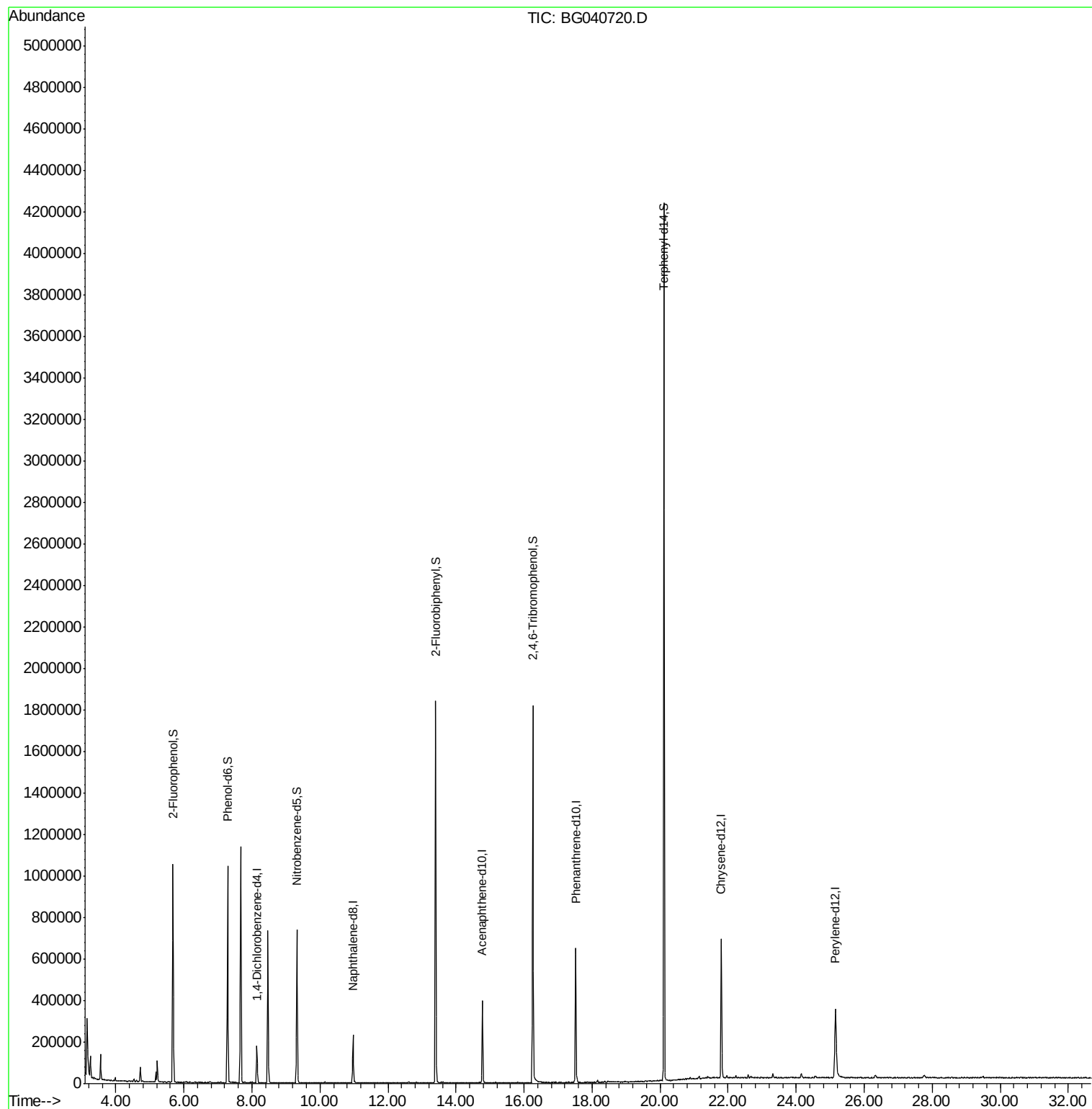
Target Compounds Qvalue

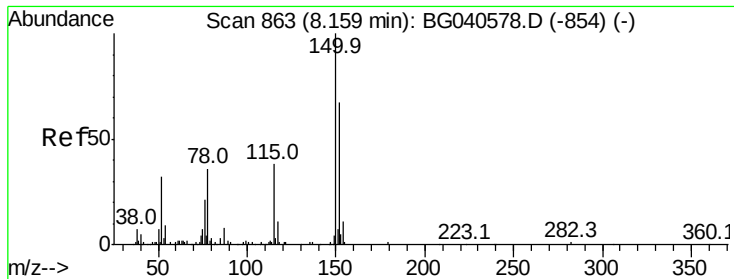
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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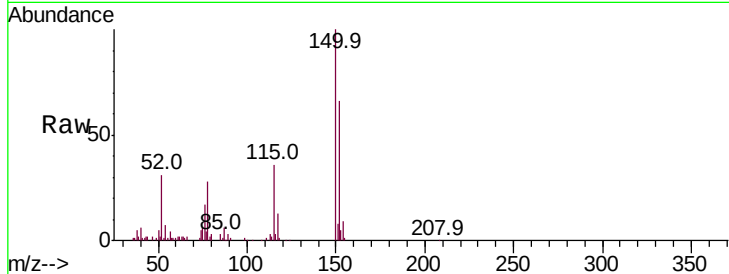


#1

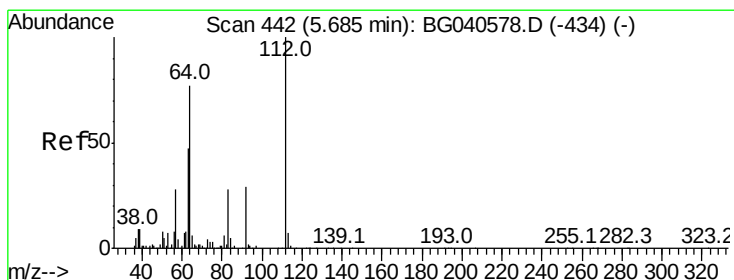
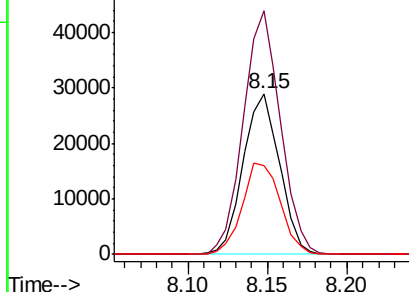
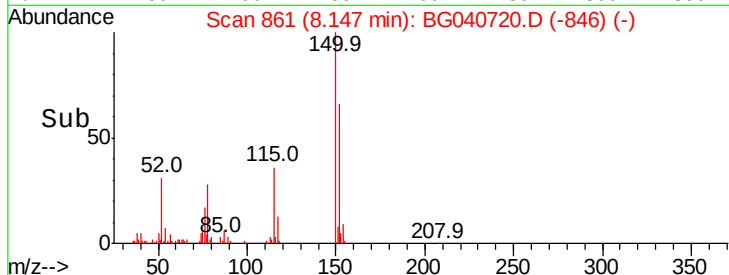
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG040720.D
 Acq: 2 May 2019 23:26

Instrument :
 BNA_G
 ClientSampleId :
 ROCK-COMP

Tot Ion	152	Resp	46158
Ion Ratio	Lower	Upper	
152	100		
150	151.6	120.2	180.2
115	54.9	46.2	69.2



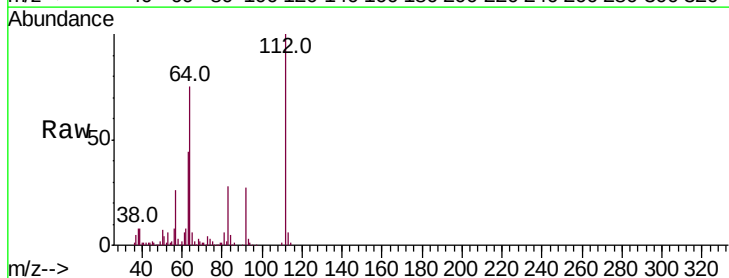
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



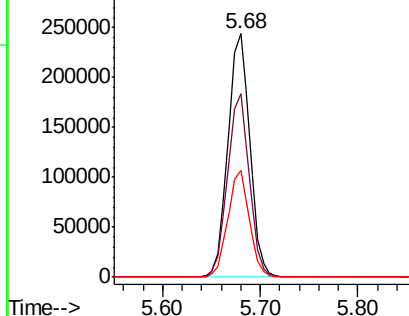
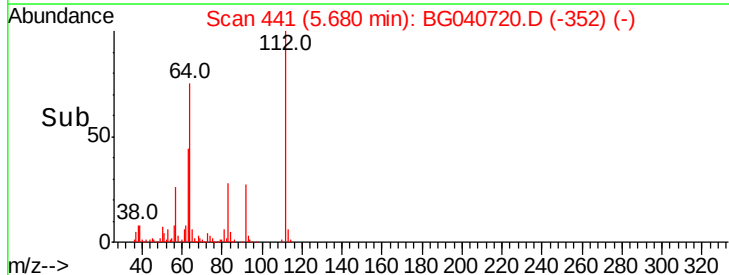
#5

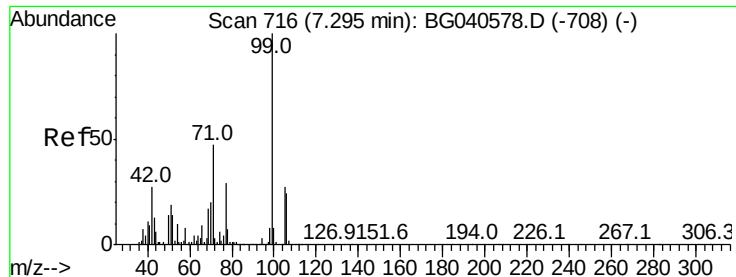
2-Fluorophenol
 Concen: 145.306 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BG040720.D
 Acq: 2 May 2019 23:26

Tgt Ion	112	Resp	380483
Ion Ratio	Lower	Upper	
112	100		
64	75.5	61.4	92.0
63	44.0	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: 127.010 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040720.D

Acq: 2 May 2019 23:26

Instrument :

BNA_G

ClientSampleId :

ROCK-COMP

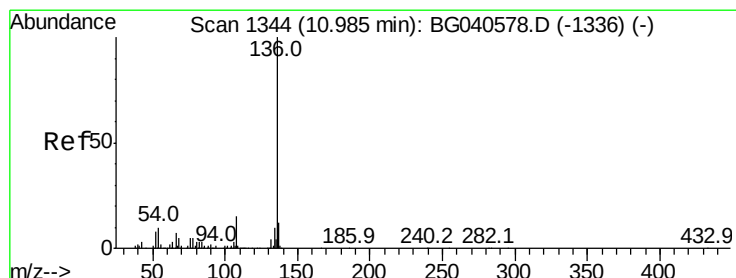
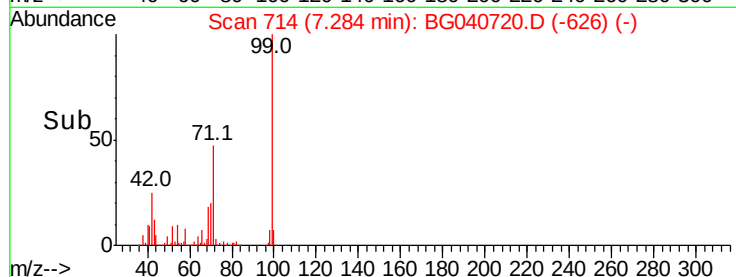
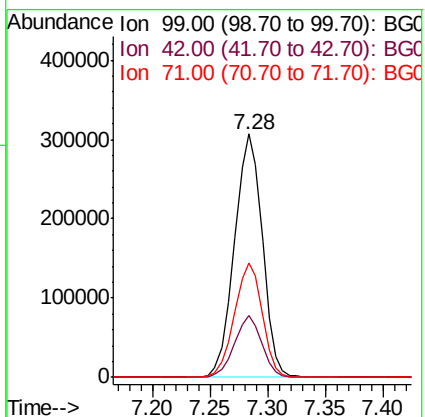
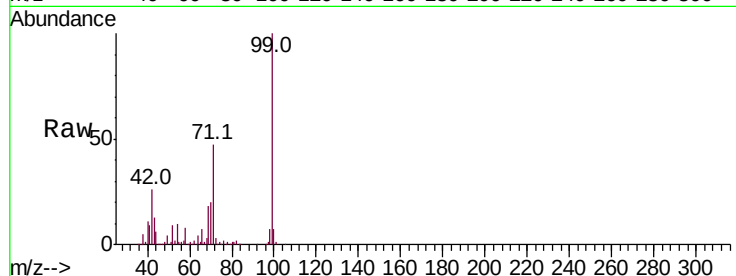
Tot Ion: 99 Resp: 512071

Ion Ratio Lower Upper

99 100

42 25.5 21.8 32.8

71 46.7 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: BG040720.D

Acq: 2 May 2019 23:26

Tgt Ion: 136 Resp: 174862

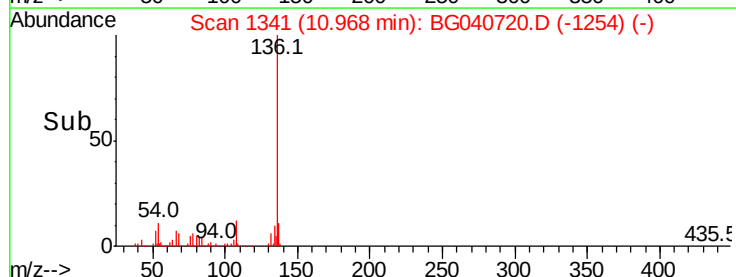
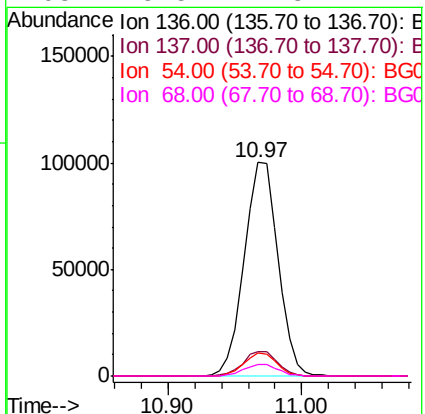
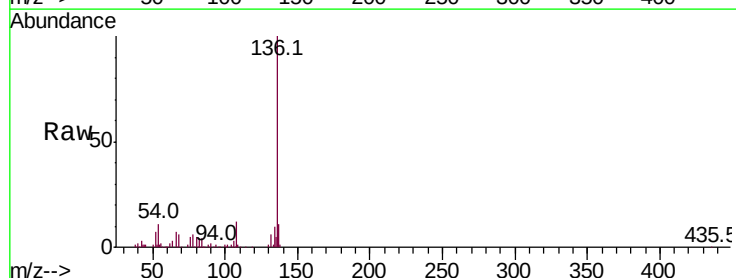
Ion Ratio Lower Upper

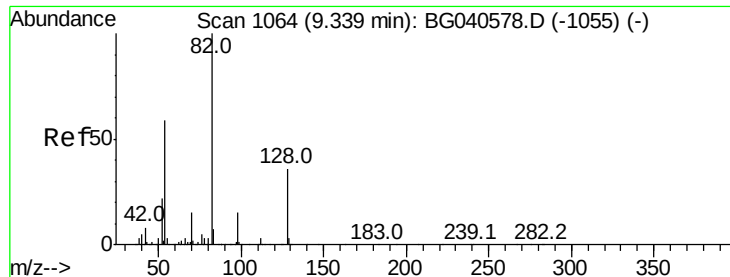
136 100

137 11.4 9.7 14.5

54 10.8 8.6 12.8

68 5.5 4.8 7.2

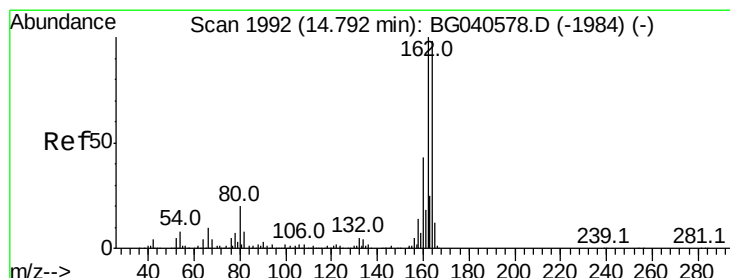
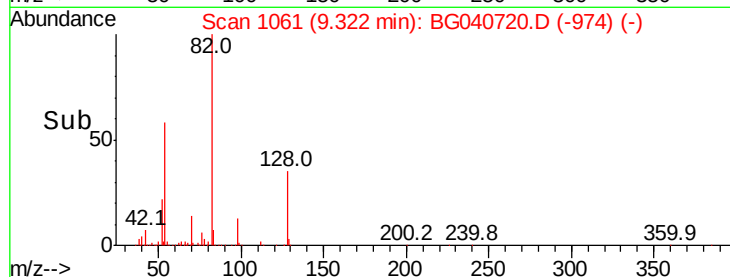
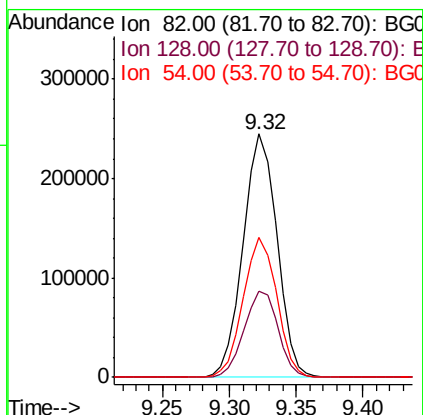
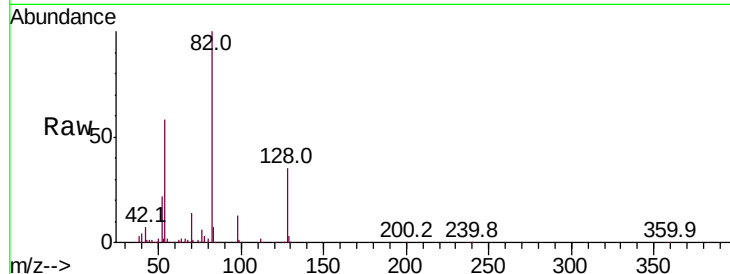




#23
 Nitrobenzene-d5
 Concen: 113.784 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040720.D
 Acq: 2 May 2019 23:26

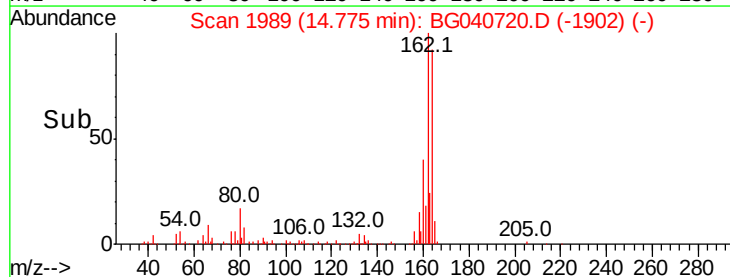
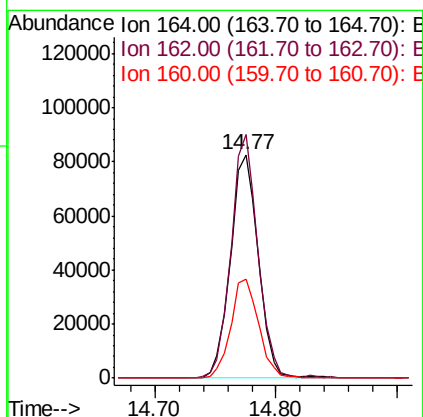
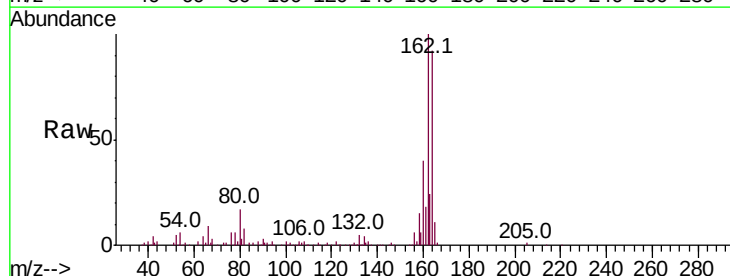
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-COMP

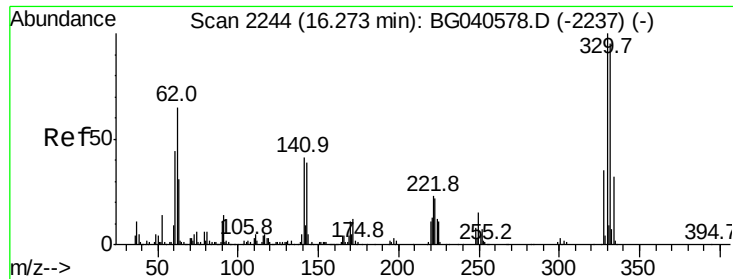
Tot Ion	82	Resp	430601
Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.9	43.3
54	57.7	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040720.D
 Acq: 2 May 2019 23:26

Tgt Ion	164	Resp	132928
Ion	Ratio	Lower	Upper
164	100		
162	109.0	81.9	122.9
160	44.1	35.4	53.2

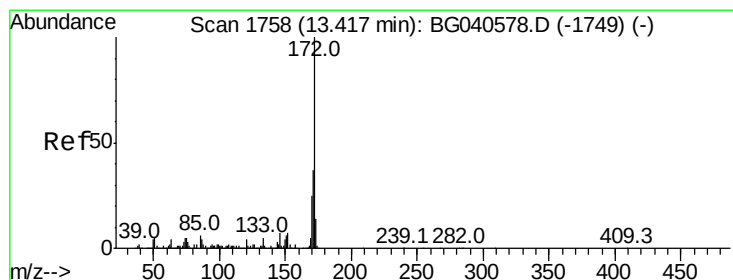
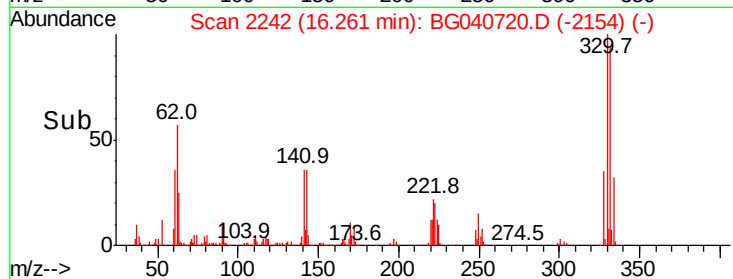
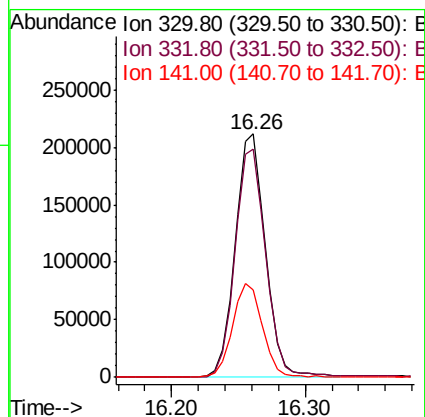
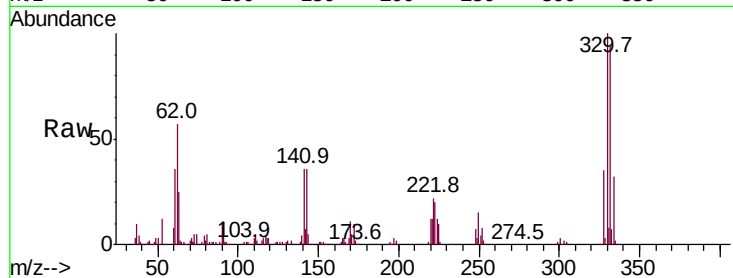




#42
 2,4,6-Tribromophenol
 Concen: 182.049 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040720.D
 Acq: 2 May 2019 23:26

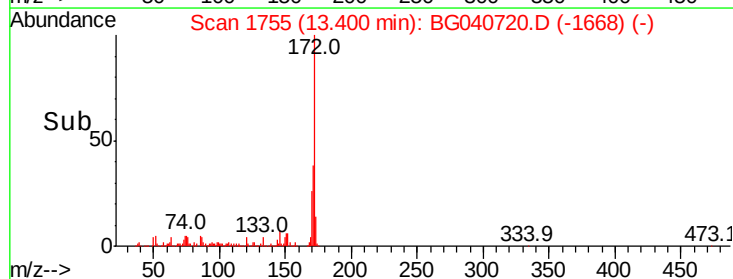
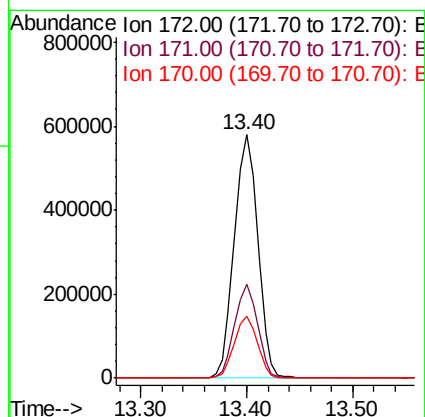
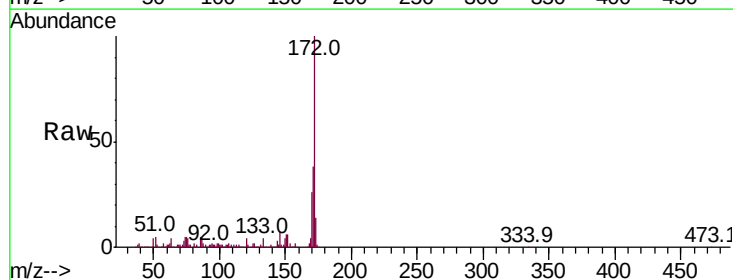
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-COMP

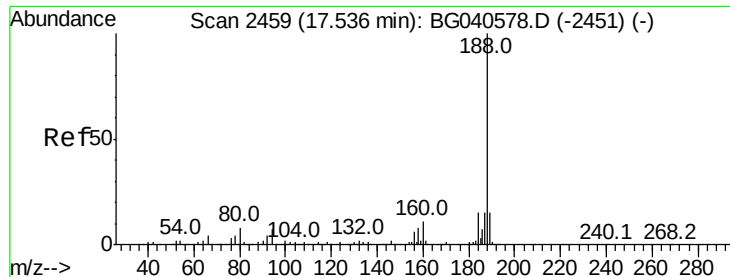
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	38.8	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 97.353 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040720.D
 Acq: 2 May 2019 23:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.5	19.9	29.9

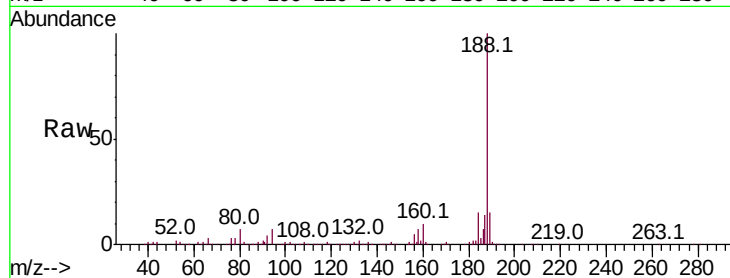




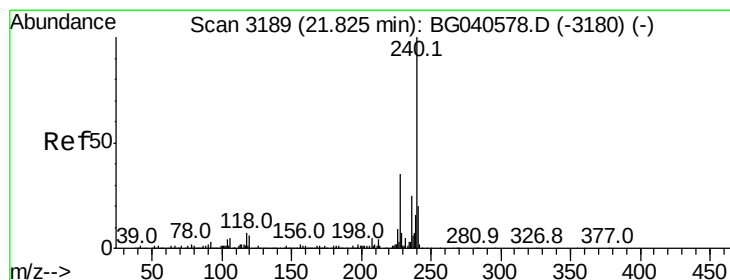
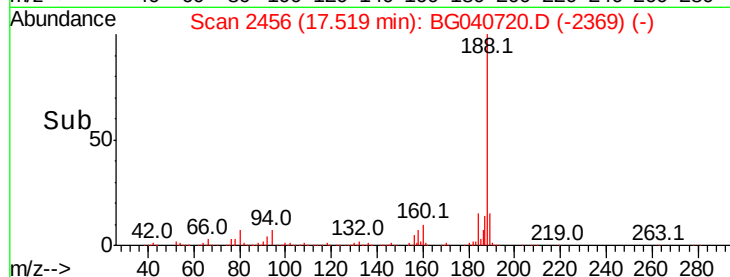
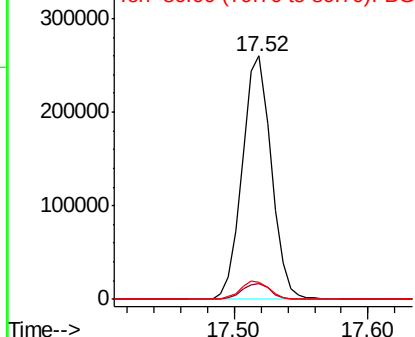
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040720.D
Acq: 2 May 2019 23:26

Instrument :
BNA_G
ClientSampleId :
ROCK-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	6.9	6.4	9.6

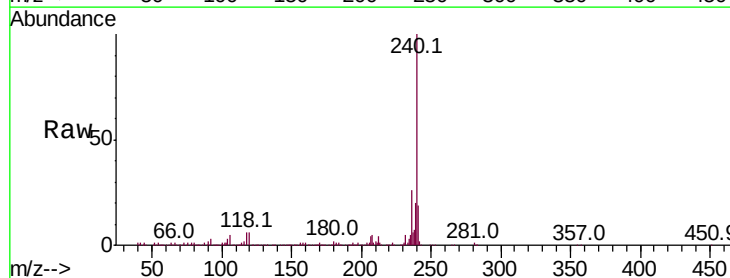


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

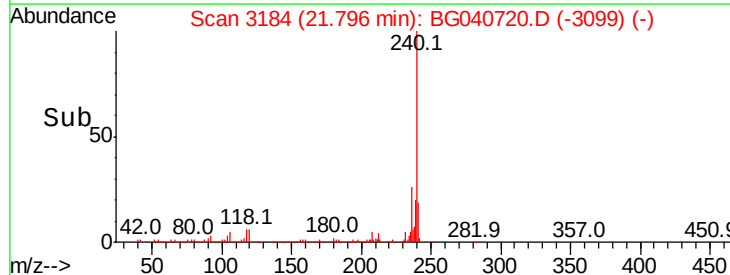
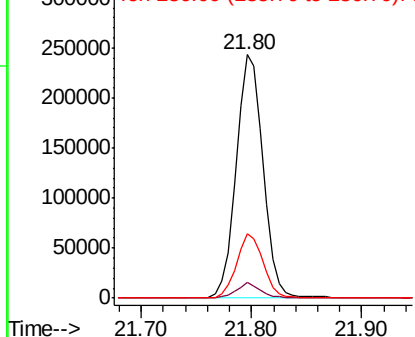


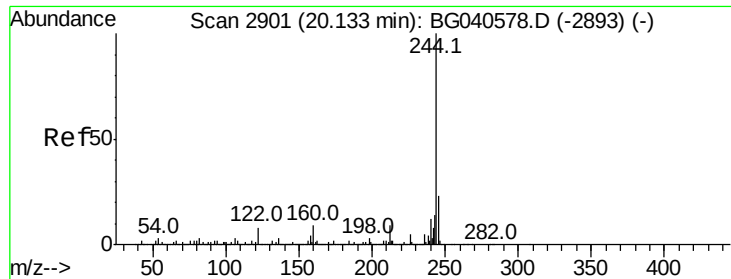
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040720.D
Acq: 2 May 2019 23:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.6
236	26.2	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: 105.367 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040720.D

Acq: 2 May 2019 23:26

Instrument :

BNA_G

ClientSampleId :

ROCK-COMP

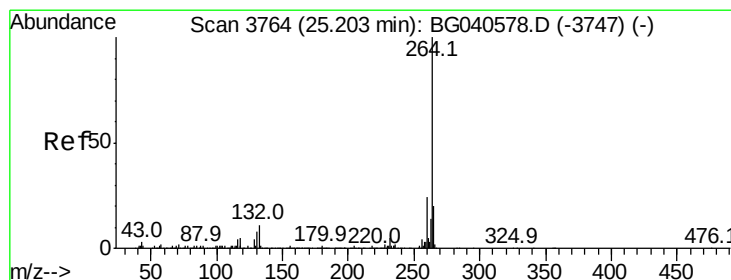
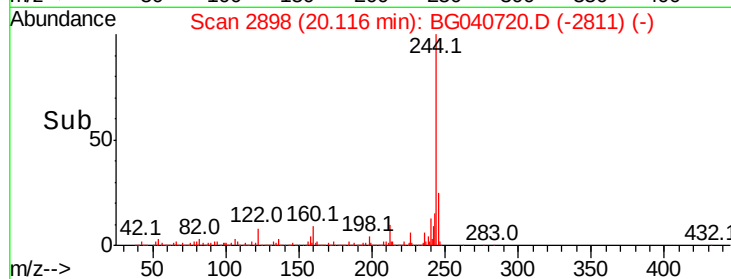
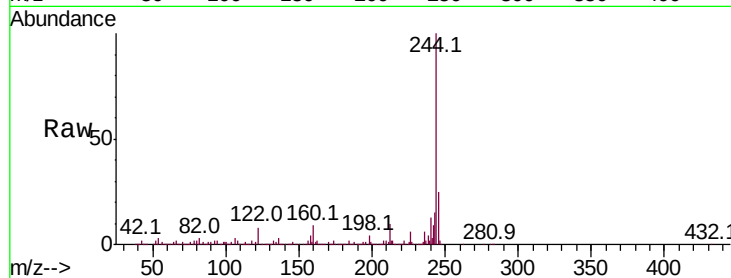
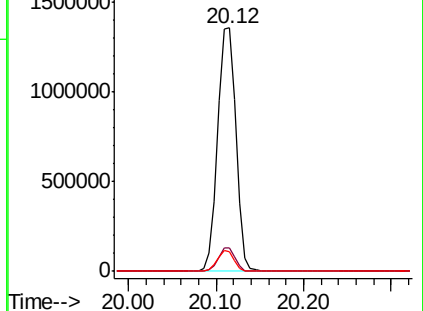
Tot Ion:244 Resp: 1983896

Ion	Ratio	Lower	Upper
244	100		
212	9.8	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: BG040720.D

Acq: 2 May 2019 23:26

Tgt Ion:264 Resp: 420150

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	21.7	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

