

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040713.D
 Acq On : 2 May 2019 19:00
 Operator : JU/SJ
 Sample : K2191-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-66-TP

Quant Time: May 03 06:33:42 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	46592	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	188456	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	138421	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	384069	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	381555	20.00	ng	-0.02
87) Perylene-d12	25.16	264	409841	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	403479	152.65	ng	0.00
7) Phenol-d6	7.28	99	547866	134.62	ng	-0.01
23) Nitrobenzene-d5	9.32	82	459828	112.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	359265	188.83	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	962151	100.38	ng	-0.02
79) Terphenyl-d14	20.12	244	1909667	110.88	ng	-0.02

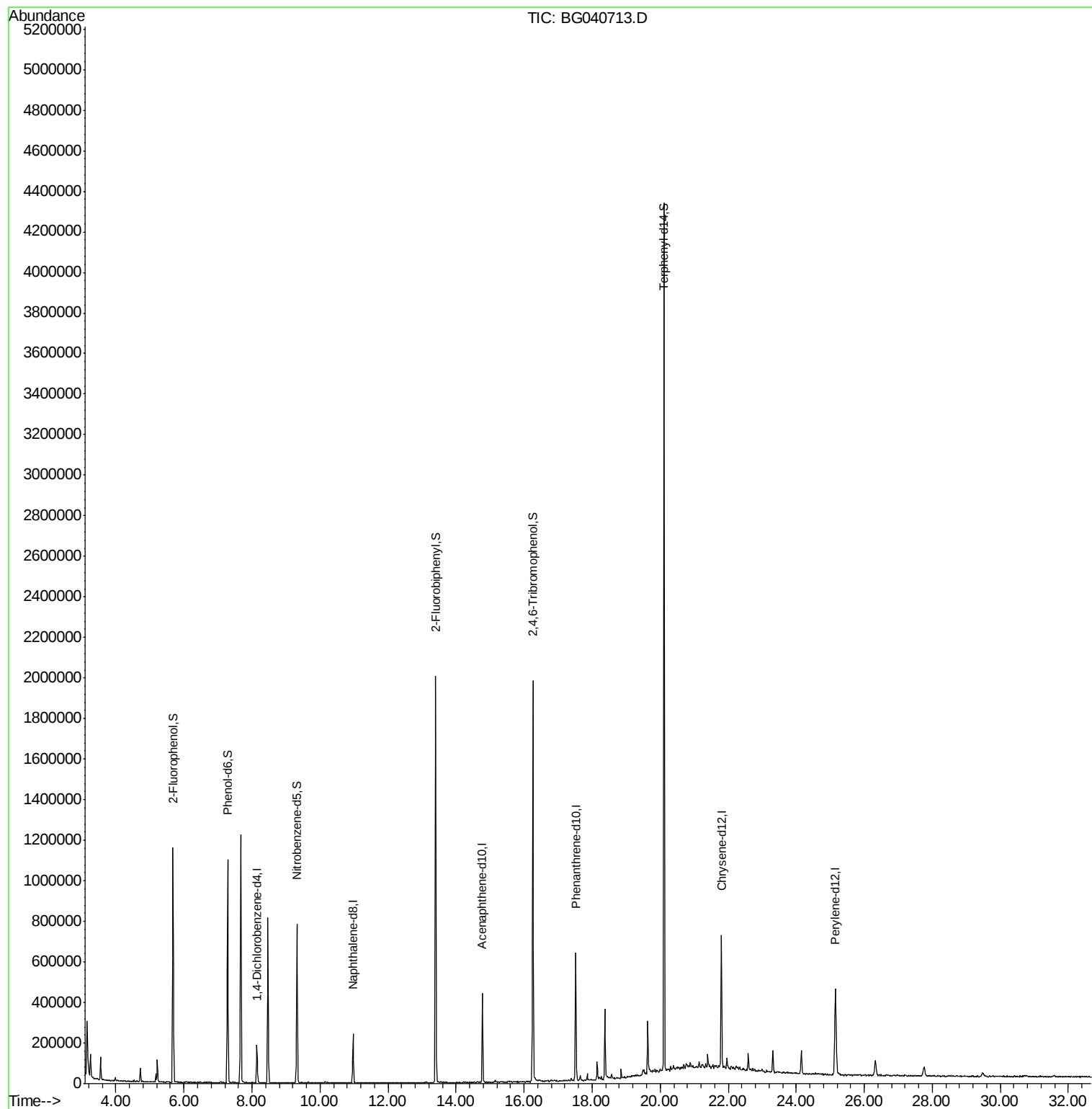
Target Compounds Qvalue

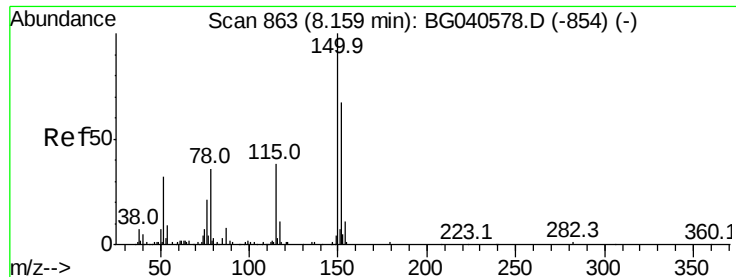
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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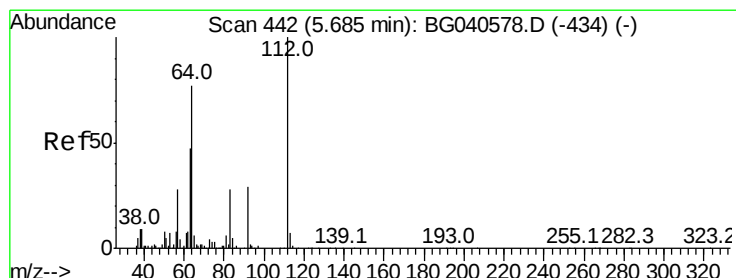
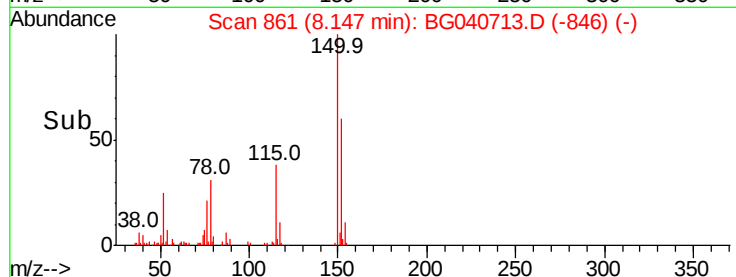
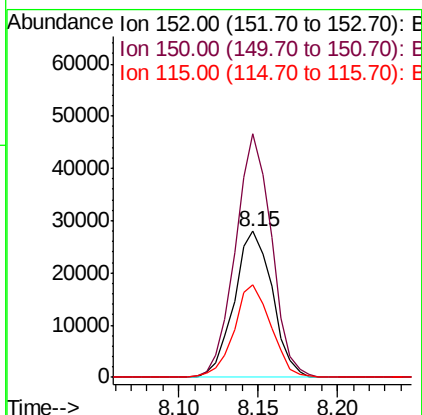
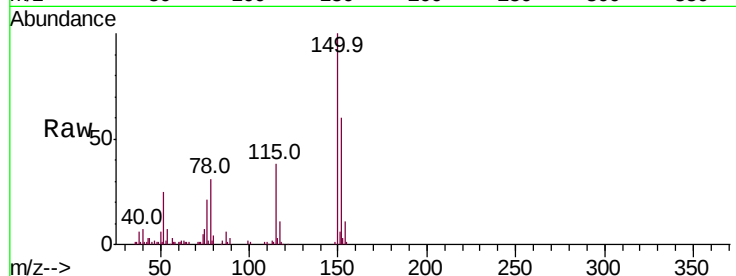


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040713.D
Acq: 2 May 2019 19:00

Instrument :
BNA_G
ClientSampleId :
P-66-TP

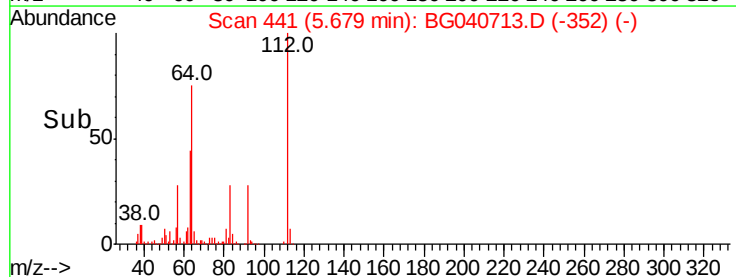
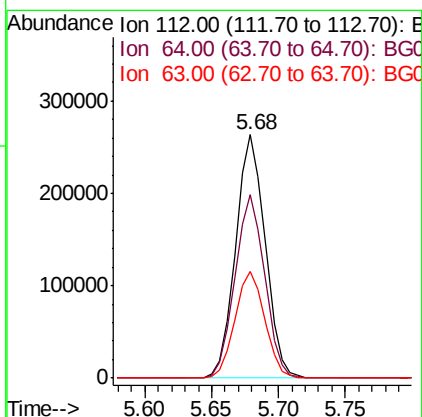
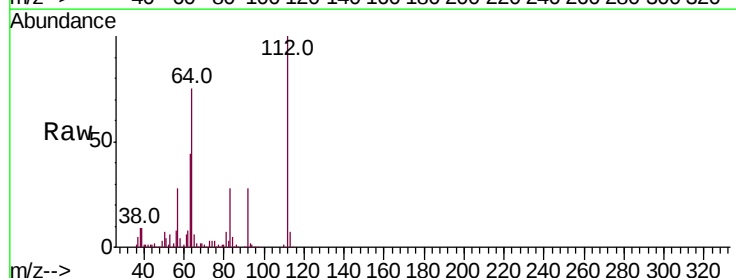
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	120.2	180.2
115	63.7	46.2	69.2

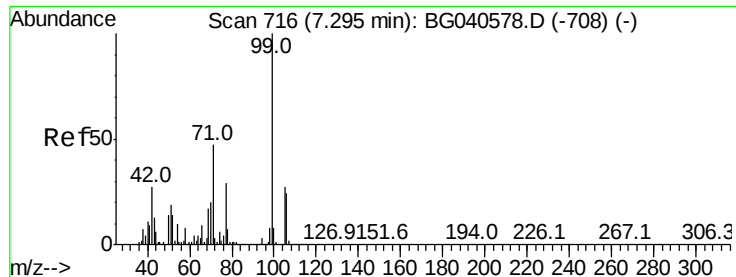


#5

2-Fluorophenol
Concen: 152.653 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040713.D
Acq: 2 May 2019 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.4	92.0
63	43.6	37.8	56.6





#7

Phenol-d6

Concen: 134.622 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040713.D

Acq: 2 May 2019 19:00

Instrument :

BNA_G

ClientSampleId :

P-66-TP

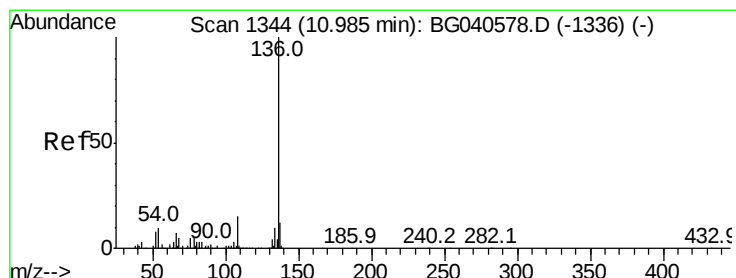
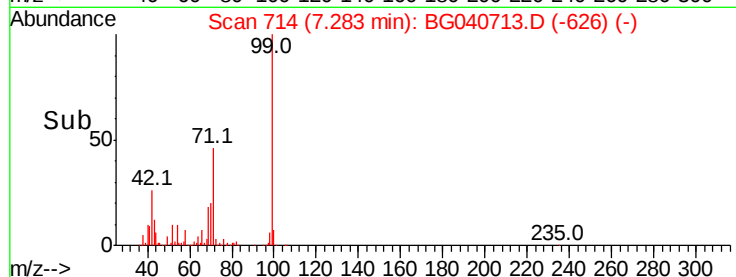
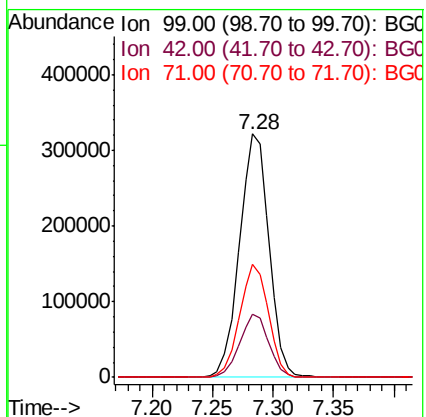
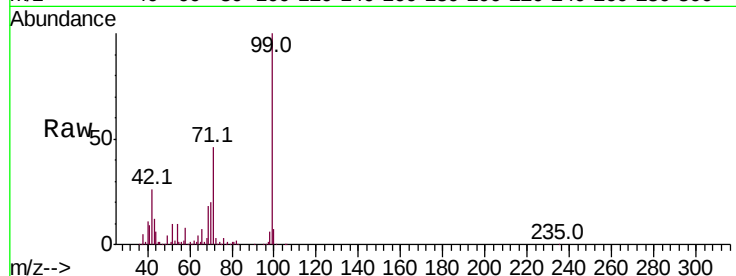
Tot Ion: 99 Resp: 547866

Ion Ratio Lower Upper

99 100

42 26.0 21.8 32.8

71 46.3 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: BG040713.D

Acq: 2 May 2019 19:00

Tgt Ion: 136 Resp: 188456

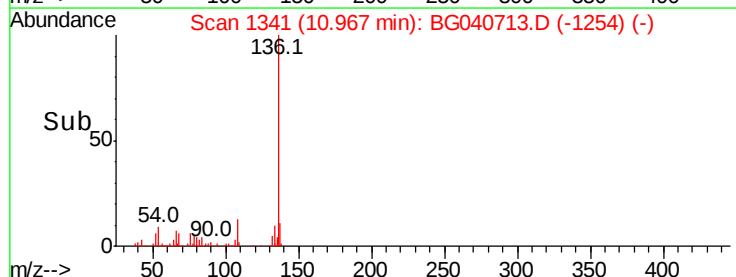
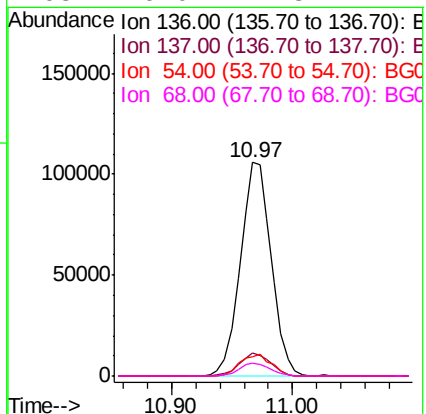
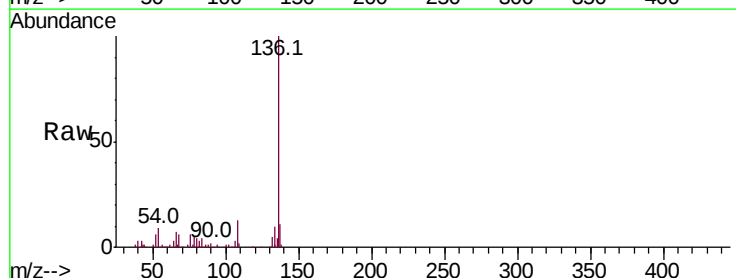
Ion Ratio Lower Upper

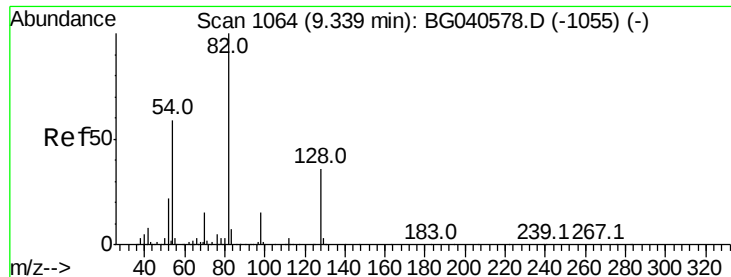
136 100

137 11.1 9.7 14.5

54 8.9 8.6 12.8

68 6.0 4.8 7.2

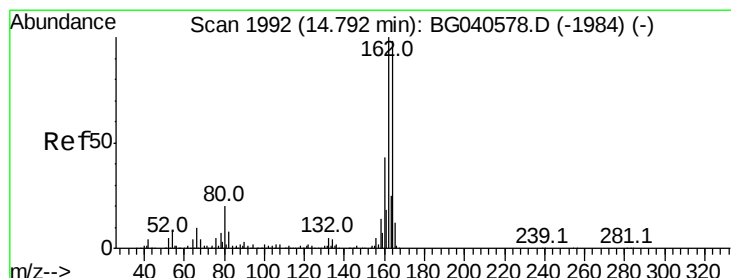
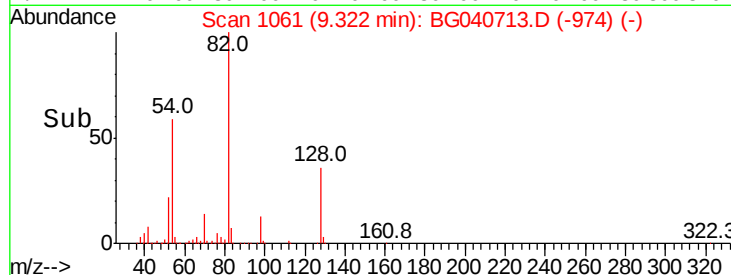
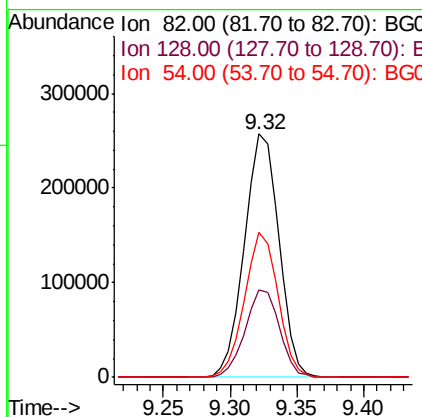
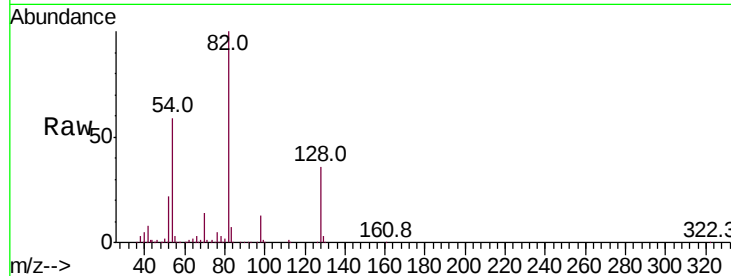




#23
Nitrobenzene-d5
Concen: 112.742 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040713.D
Acq: 2 May 2019 19:00

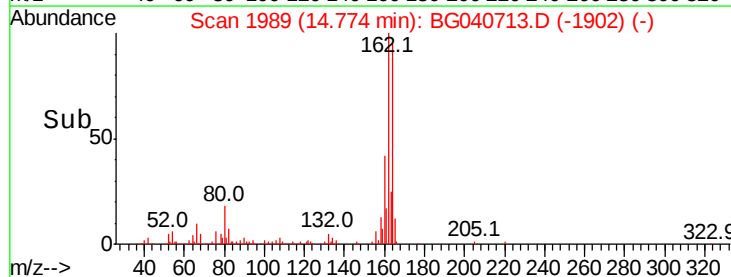
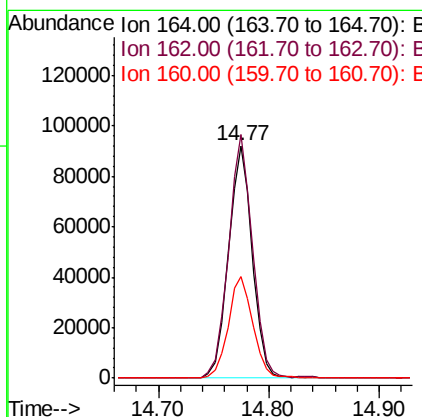
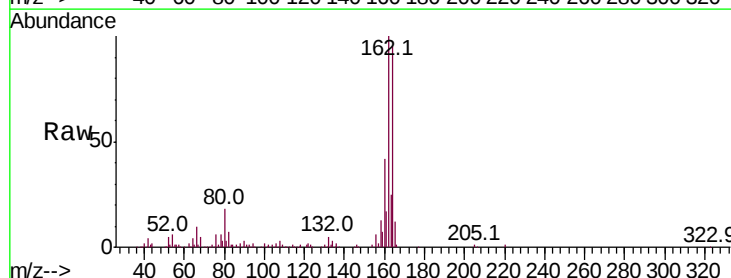
Instrument :
BNA_G
ClientSampleId :
P-66-TP

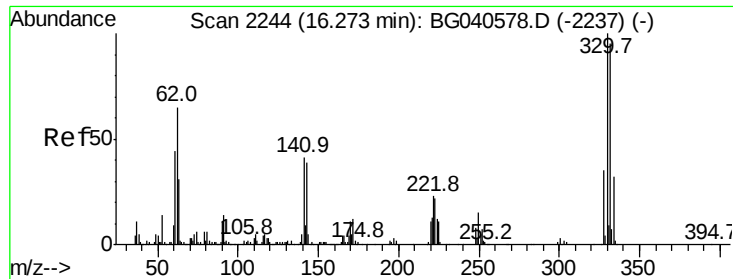
Tot Ion	82	Resp	459828
Ion Ratio	Lower	Upper	
82	100		
128	35.9	28.9	43.3
54	59.4	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040713.D
Acq: 2 May 2019 19:00

Tgt Ion	164	Resp	138421
Ion Ratio	Lower	Upper	
164	100		
162	104.7	81.9	122.9
160	43.7	35.4	53.2

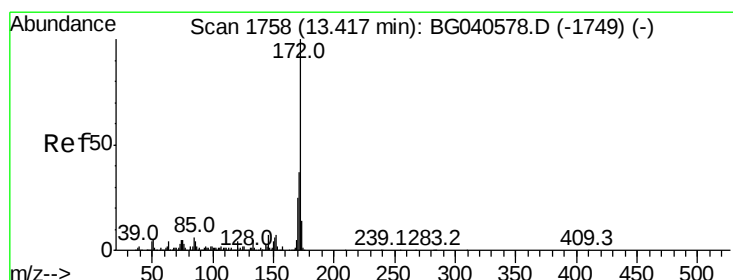
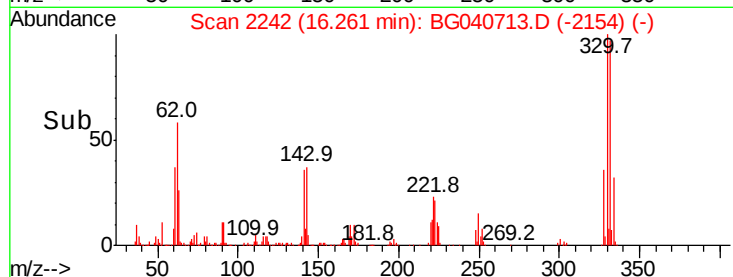
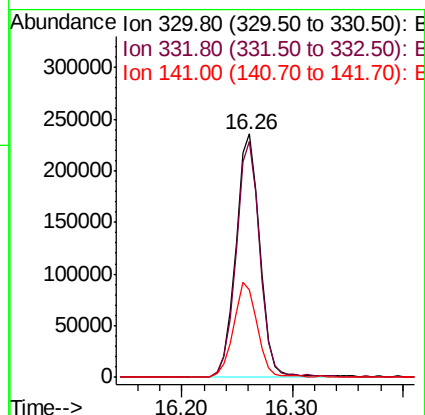
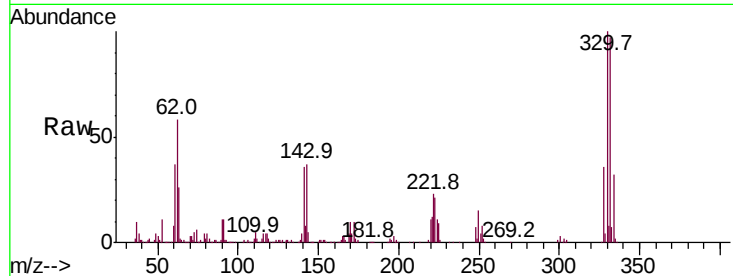




#42
 2,4,6-Tribromophenol
 Concen: 188.826 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040713.D
 Acq: 2 May 2019 19:00

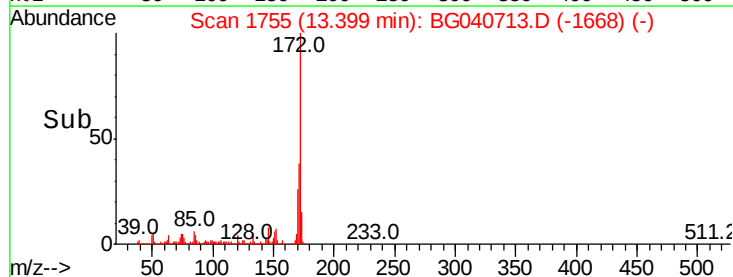
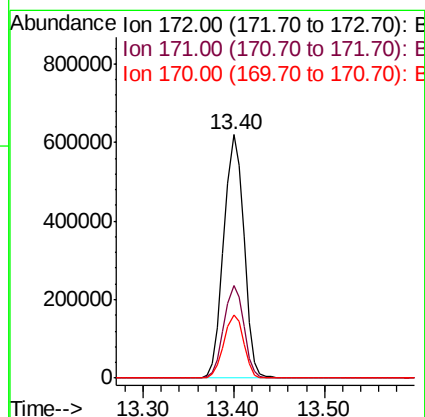
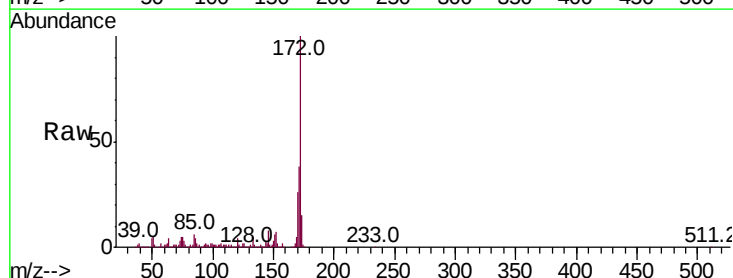
Instrument :
 BNA_G
 ClientSampleId :
 P-66-TP

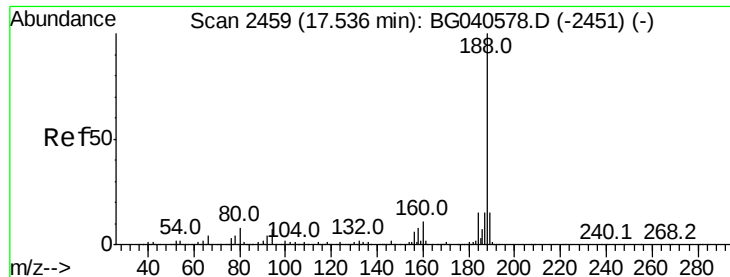
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	38.6	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 100.385 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040713.D
 Acq: 2 May 2019 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.9	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: BG040713.D

Acq: 2 May 2019 19:00

Instrument :

BNA_G

ClientSampleId :

P-66-TP

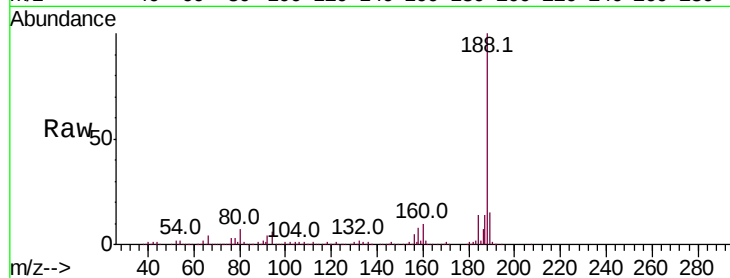
Tot Ion:188 Resp: 384069

Ion Ratio Lower Upper

188 100

94 6.5 5.6 8.4

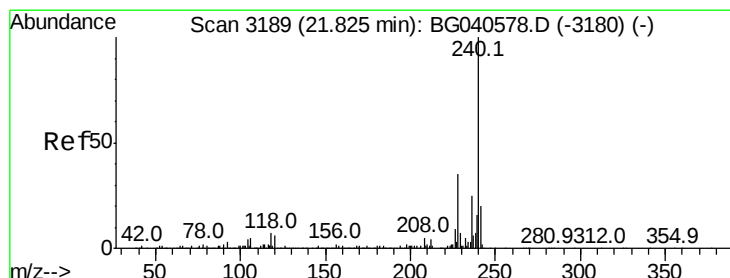
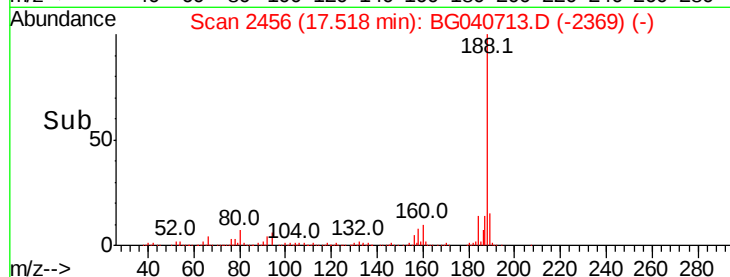
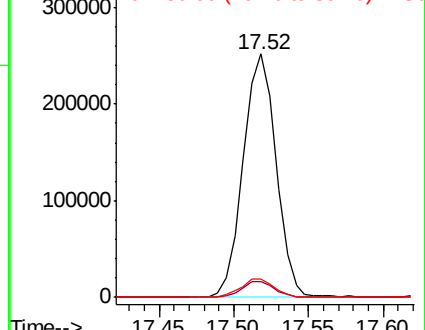
80 7.4 6.4 9.6



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# 3185

Delta R.T. -0.02 min

Lab File: BG040713.D

Acq: 2 May 2019 19:00

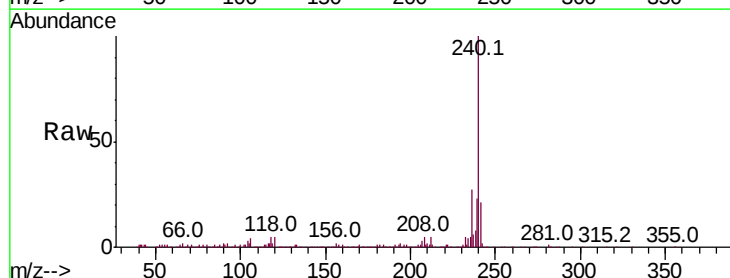
Tgt Ion:240 Resp: 381555

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

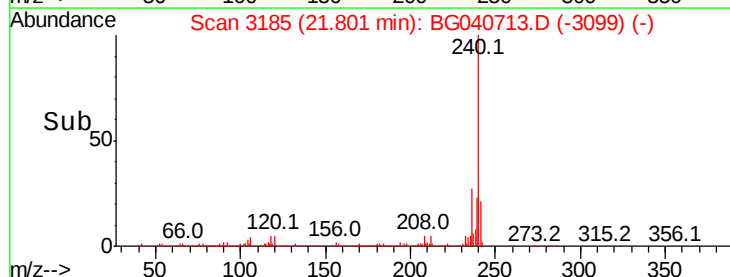
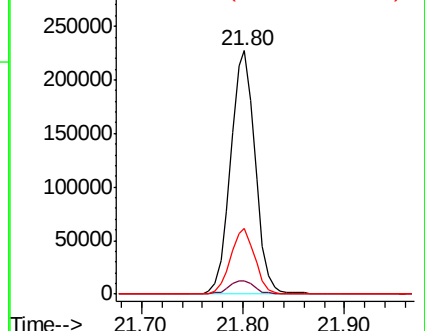
236 26.8 20.3 30.5

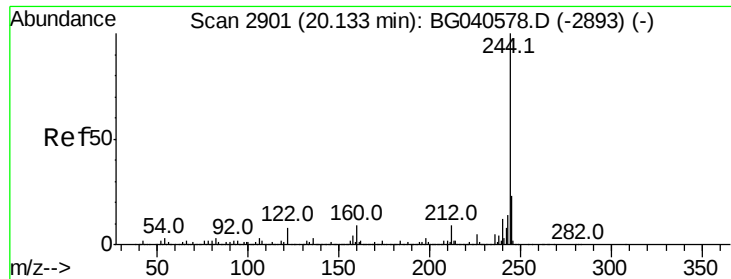


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



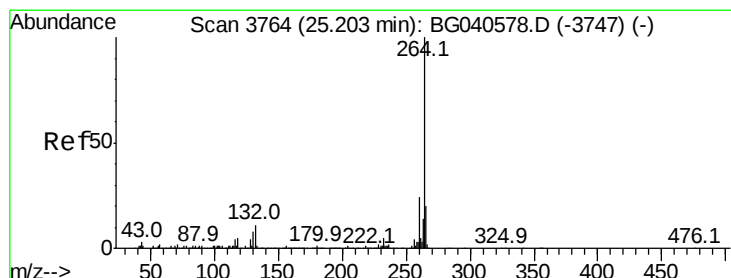
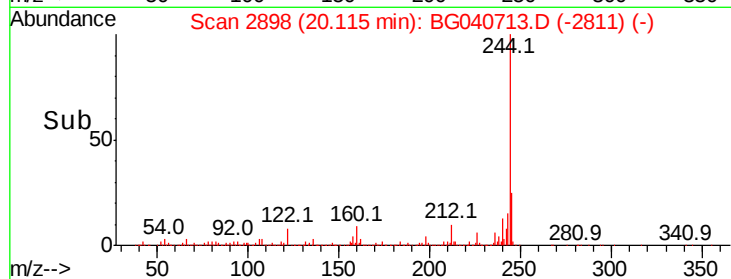
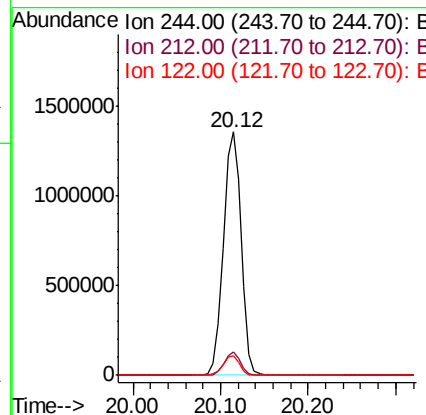
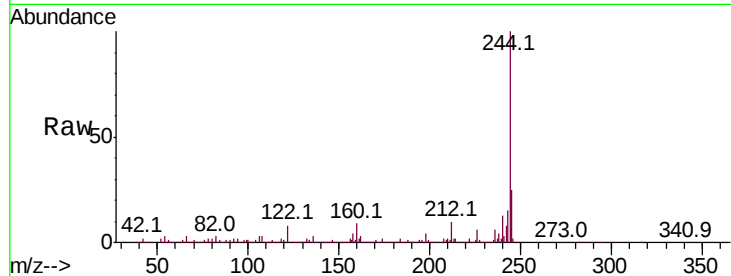


#79
 Terphenyl-d14
 Concen: 110.881 ng
 RT: 20.12 min Scan# 2898
 Delta R.T. -0.02 min
 Lab File: BG040713.D
 Acq: 2 May 2019 19:00

Instrument :
 BNA_G
 ClientSampleId :
 P-66-TP

Tot Ion:244 Resp: 1909667

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.2	10.8
122	8.3	6.6	10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3756
 Delta R.T. -0.05 min
 Lab File: BG040713.D
 Acq: 2 May 2019 19:00

Tgt Ion:264 Resp: 409841

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	22.2	16.6	25.0

