

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045085.D
 Acq On : 19 Apr 2020 3:00
 Operator : CG/JU
 Sample : L2249-01 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Apr 20 05:17:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66385	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	303210	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	210887	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	449741	20.00	ng	0.00
76) Chrysene-d12	21.67	240	399474	20.00	ng	0.00
87) Perylene-d12	24.86	264	430215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	53948	13.42	ng	0.00
7) Phenol-d6	7.20	99	51645	8.64	ng	0.01
23) Nitrobenzene-d5	9.18	82	105237	15.84	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	90253	27.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	282899	19.67	ng	0.00
79) Terphenyl-d14	20.01	244	479348	26.15	ng	0.00

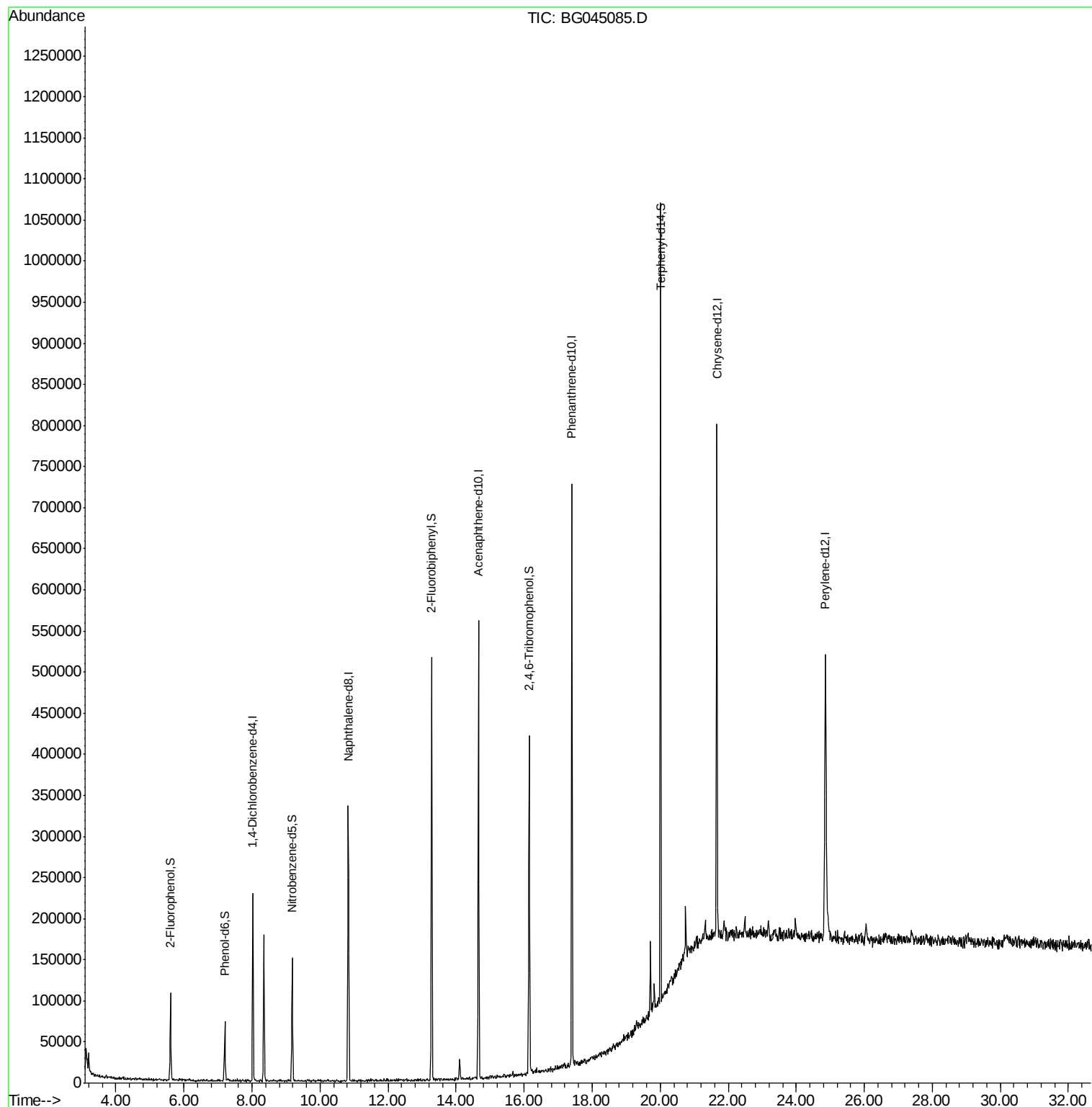
Target Compounds Qvalue

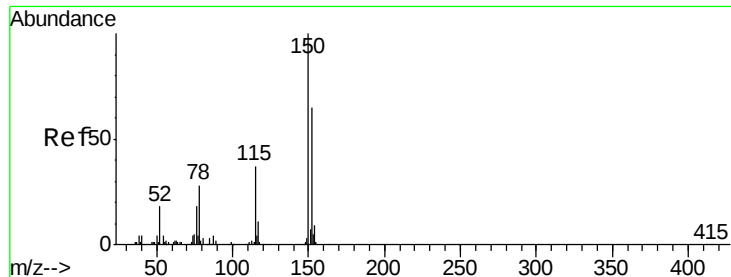
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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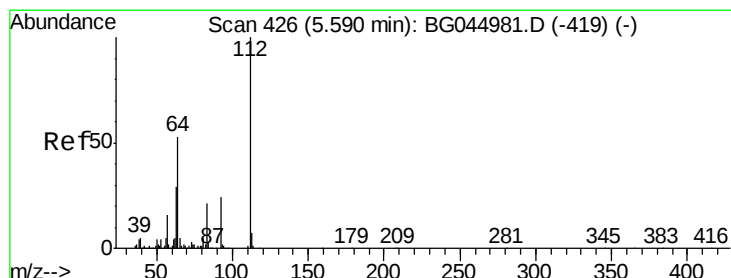
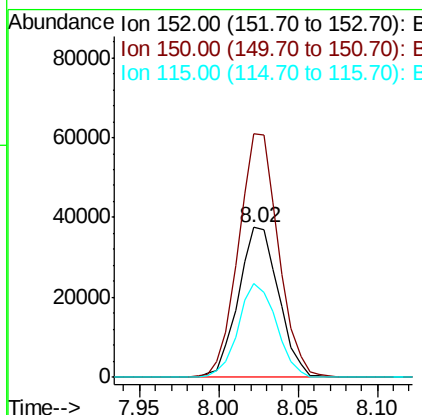
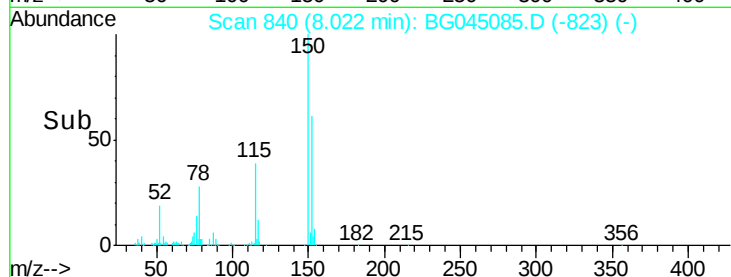
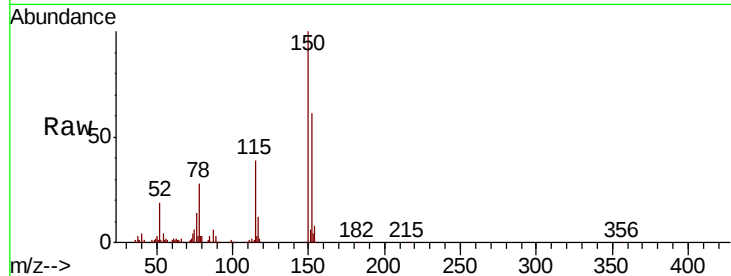




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045085.D
 Acq: 19 Apr 2020 3:00

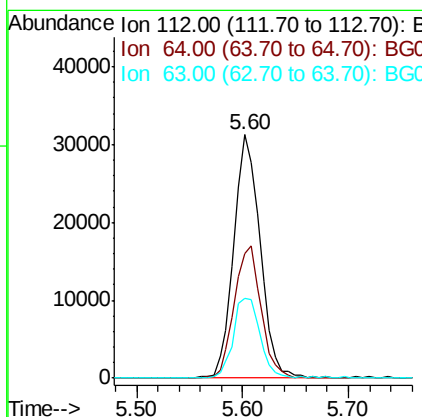
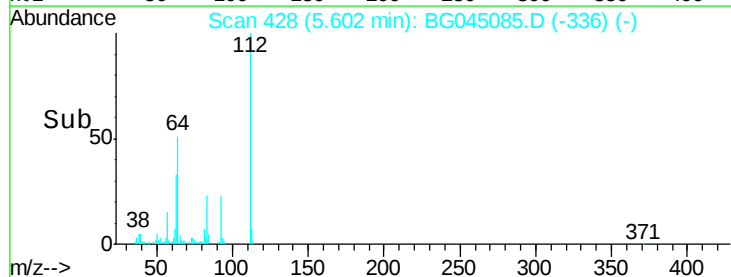
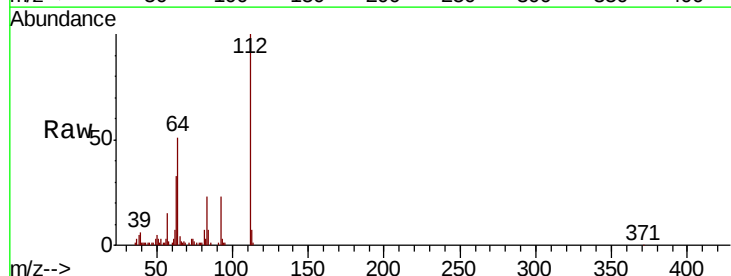
Instrument :
 BNA_G
 ClientSampleId :
 WC-1

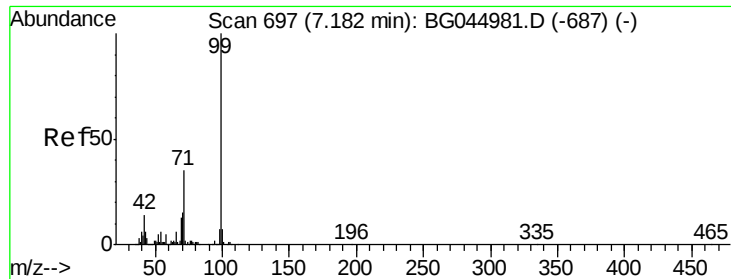
Tot Ion:	152	Resp:	66385
Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.6	185.4
115	63.1	49.1	73.7



#5
 2-Fluorophenol
 Concen: 13.416 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BG045085.D
 Acq: 19 Apr 2020 3:00

Tgt Ion:	112	Resp:	53948
Ion	Ratio	Lower	Upper
112	100		
64	51.4	42.4	63.6
63	33.0	23.1	34.7





#7

Phenol-d6

Concen: 8.645 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG045085.D

Acq: 19 Apr 2020 3:00

Instrument :

BNA_G

ClientSampleId :

WC-1

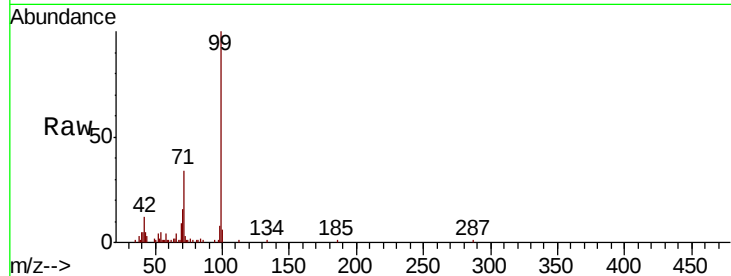
Tot Ion: 99 Resp: 51645

Ion Ratio Lower Upper

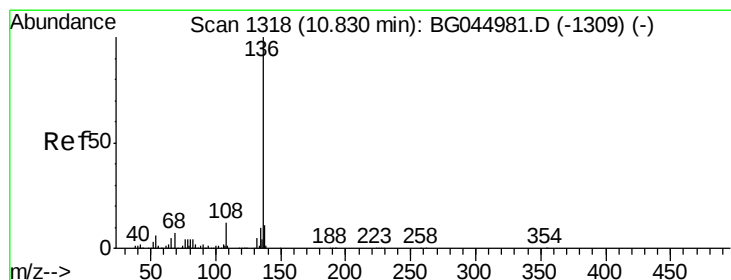
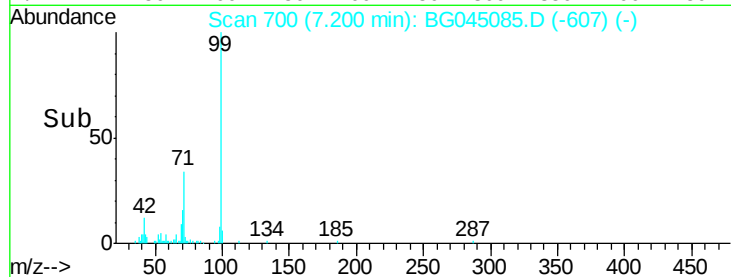
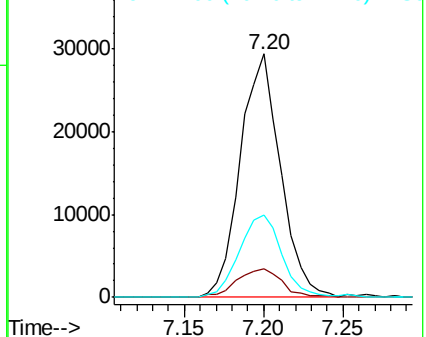
99 100

42 11.7 11.3 16.9

71 33.9 28.3 42.5



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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045085.D

Acq: 19 Apr 2020 3:00

Tgt Ion: 136 Resp: 303210

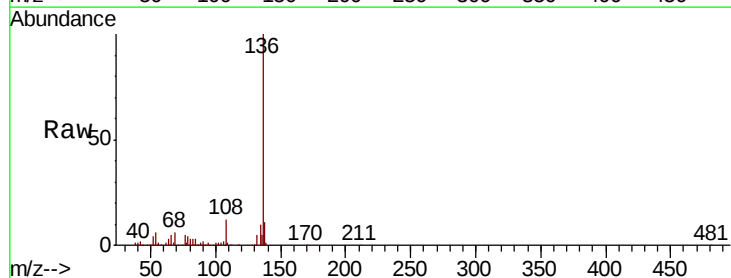
Ion Ratio Lower Upper

136 100

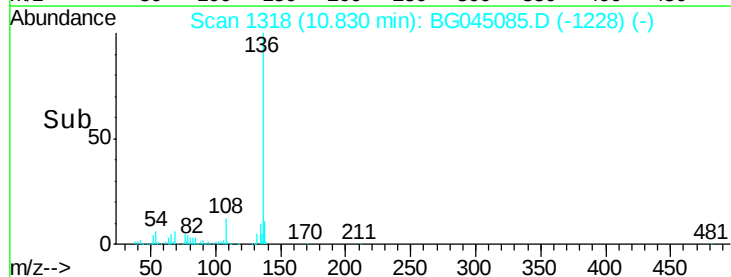
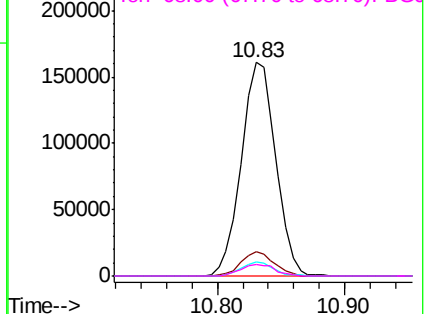
137 11.4 8.6 13.0

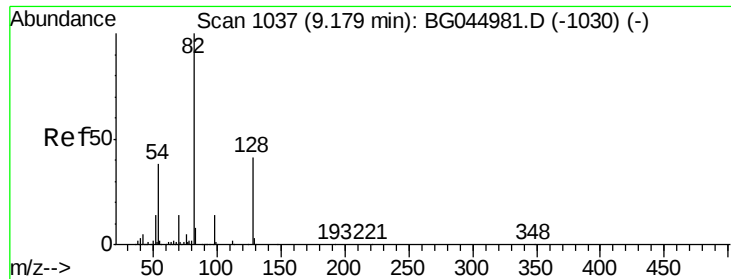
54 6.4 4.8 7.2

68 5.6 5.2 7.8



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

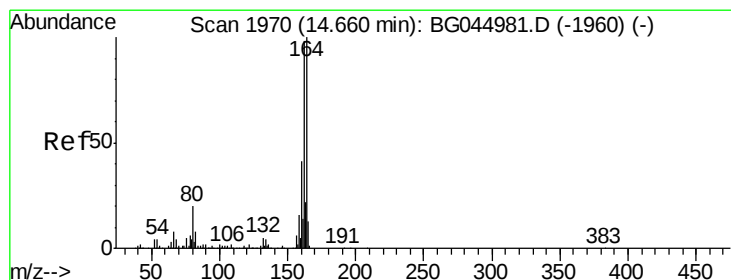
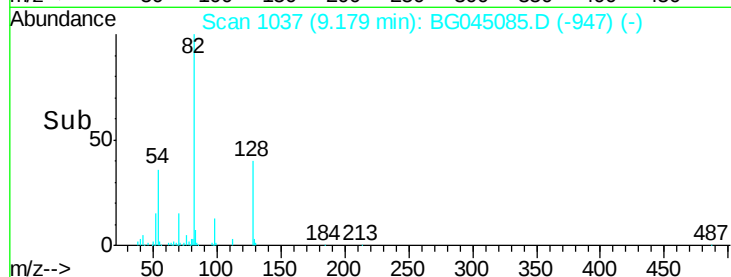
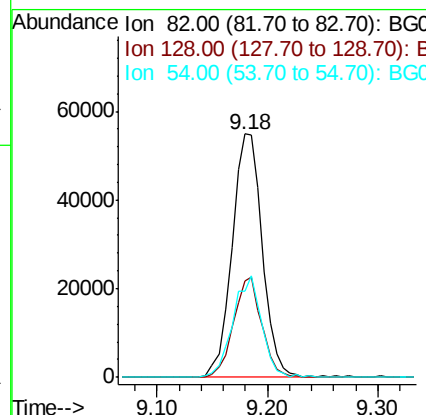
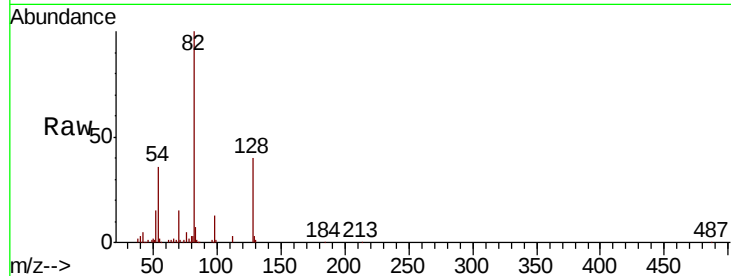




#23
Nitrobenzene-d5
Concen: 15.837 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045085.D
Acq: 19 Apr 2020 3:00

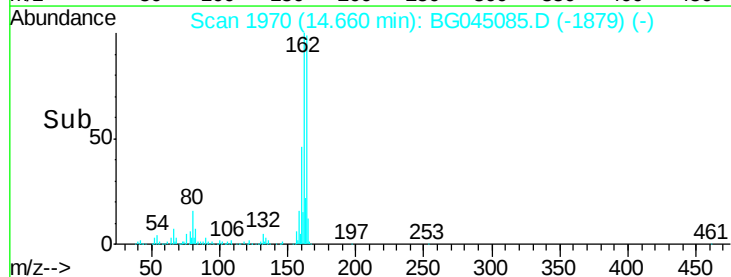
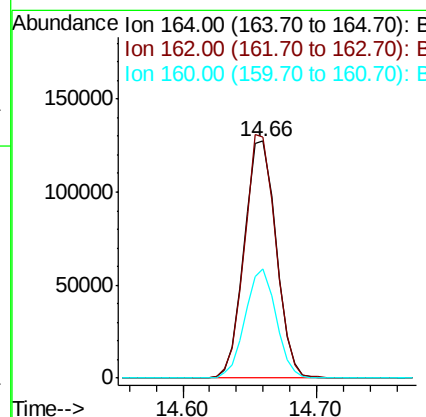
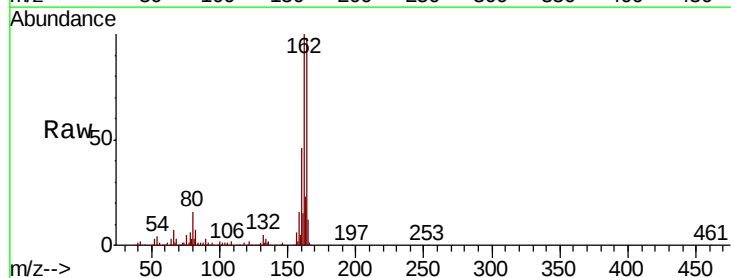
Instrument :
BNA_G
ClientSampleId :
WC-1

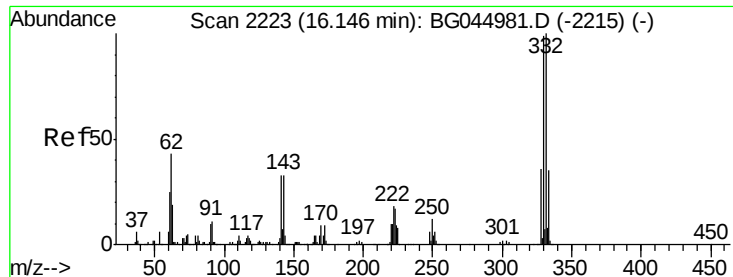
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	35.6	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045085.D
Acq: 19 Apr 2020 3:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.7	118.1
160	46.3	32.8	49.2

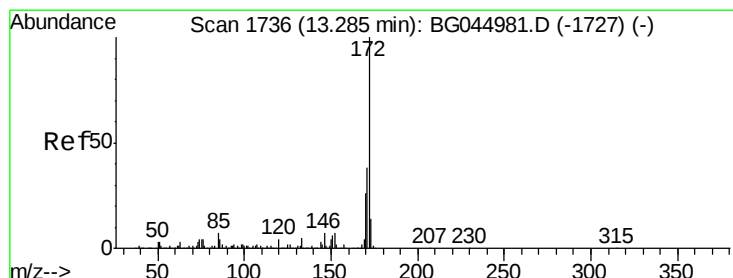
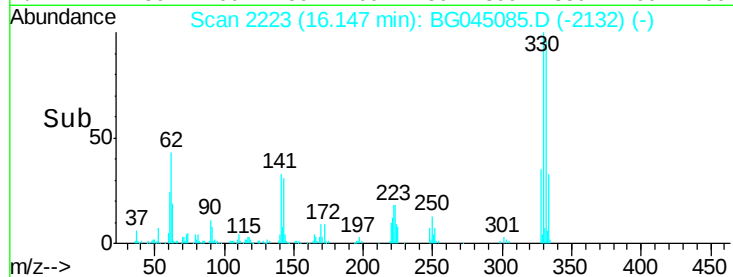
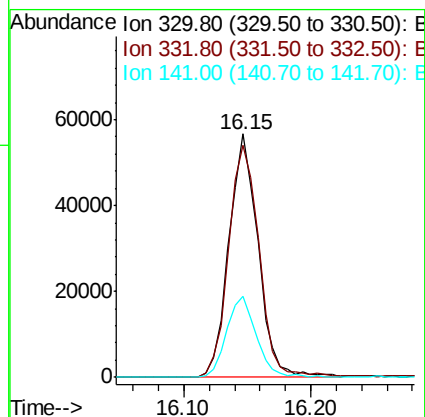
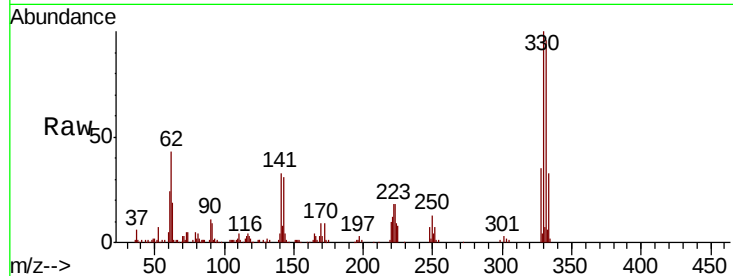




#42
 2,4,6-Tribromophenol
 Concen: 27.703 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045085.D
 Acq: 19 Apr 2020 3:00

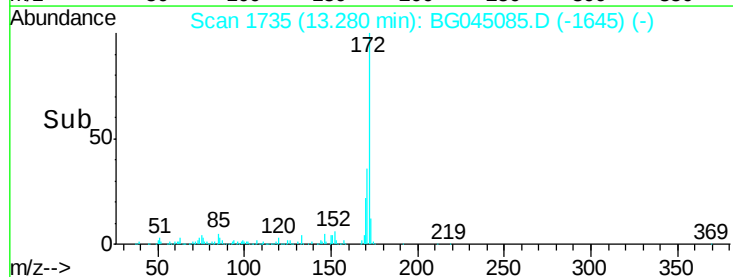
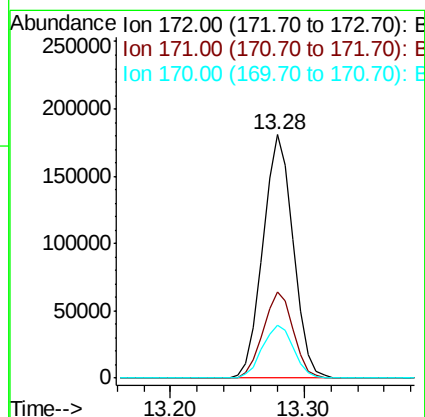
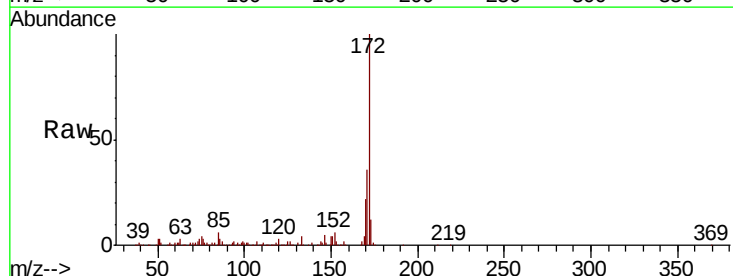
Instrument :
 BNA_G
 ClientSampled :
 WC-1

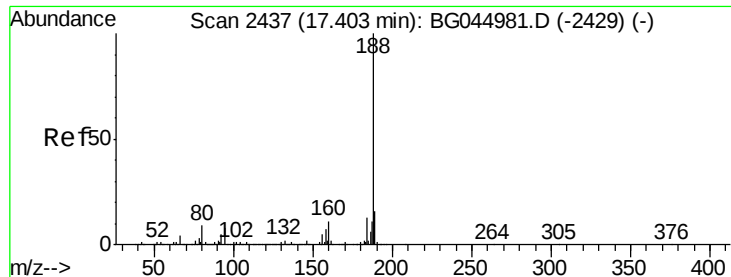
Tot Ion	Ratio	Lower	Upper
330	100		
332	100.2	79.1	118.7
141	33.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 19.670 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045085.D
 Acq: 19 Apr 2020 3:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	21.9	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045085.D

Acq: 19 Apr 2020 3:00

Instrument :

BNA_G

ClientSampleId :

WC-1

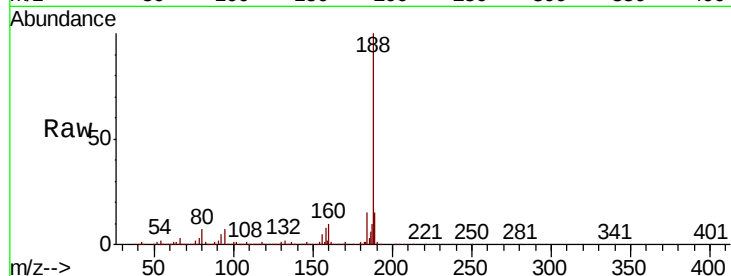
Tot Ion:188 Resp: 449741

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

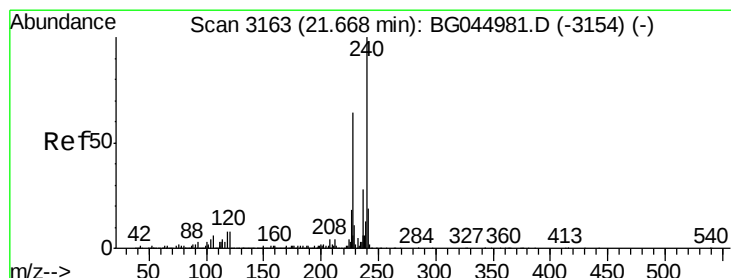
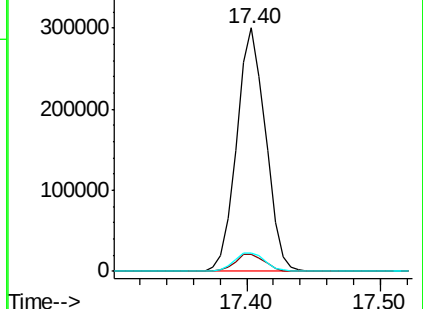
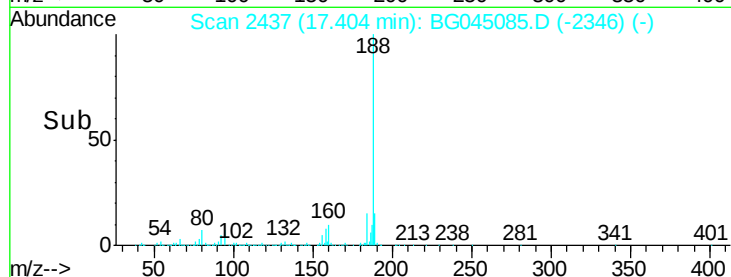
80 7.3 7.0 10.6



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: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045085.D

Acq: 19 Apr 2020 3:00

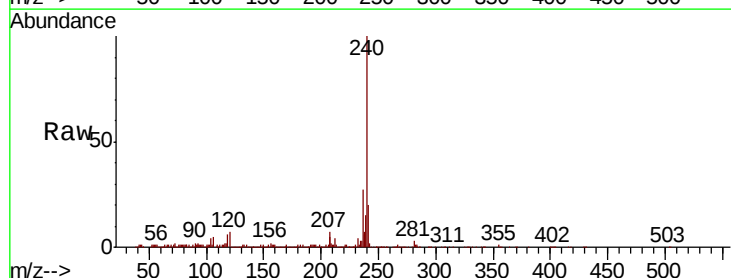
Tgt Ion:240 Resp: 399474

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

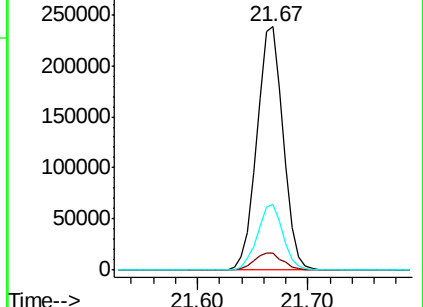
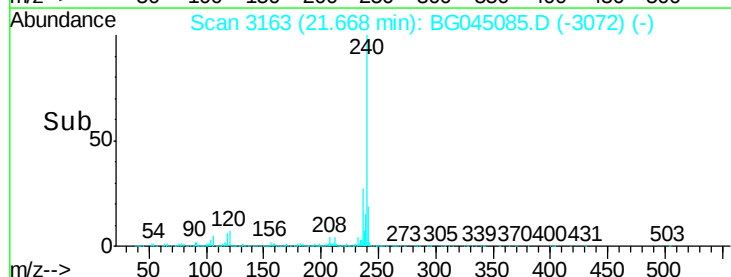
236 26.8 22.2 33.2

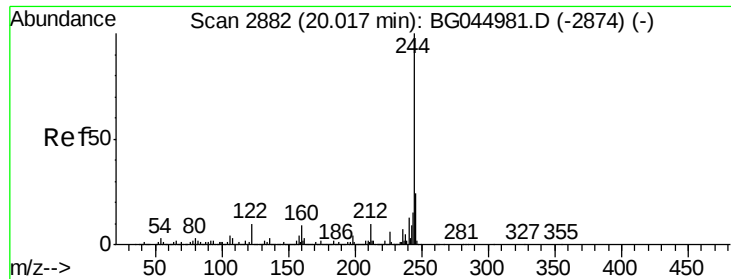


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 26.154 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045085.D

Acq: 19 Apr 2020 3:00

Instrument :

BNA_G

ClientSampleId :

WC-1

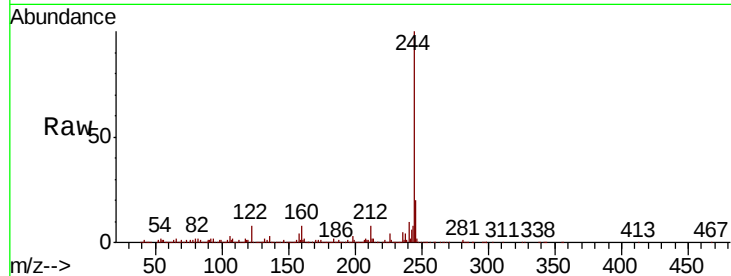
Tot Ion:244 Resp: 479348

Ion Ratio Lower Upper

244 100

212 8.0 7.9 11.9

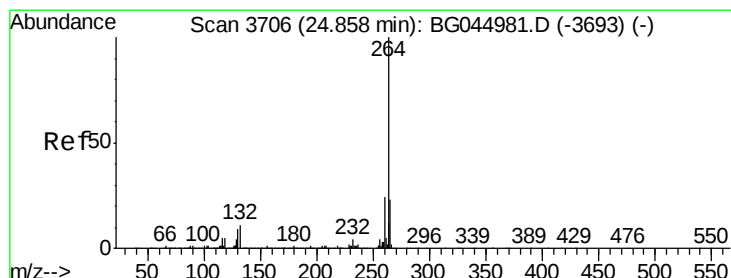
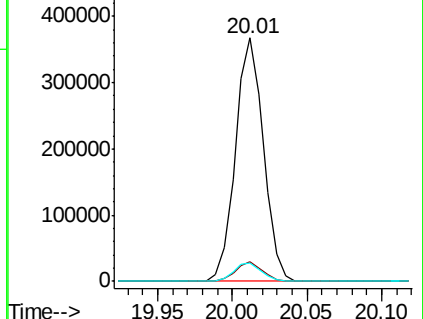
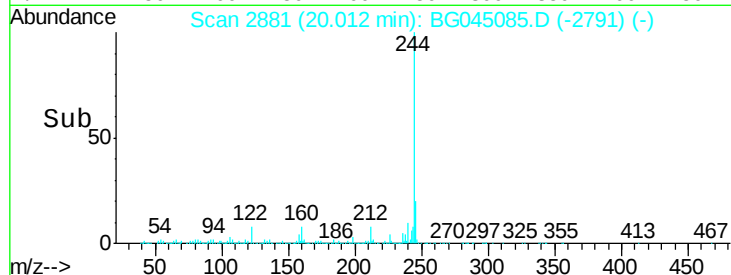
122 7.7 7.7 11.5



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: 24.86 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG045085.D

Acq: 19 Apr 2020 3:00

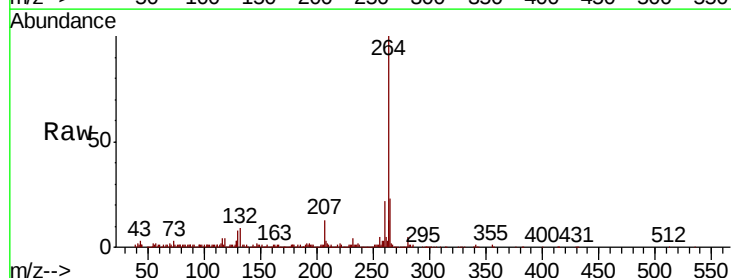
Tgt Ion:264 Resp: 430215

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 22.6 19.0 28.4



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

