

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045180.D
 Acq On : 27 Apr 2020 15:55
 Operator : CG/JU
 Sample : L2331-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19A

Quant Time: Apr 27 18:52:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62027	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235593	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	188001	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	501603	20.00	ng	0.00
76) Chrysene-d12	21.65	240	510005	20.00	ng	0.00
87) Perylene-d12	24.82	264	536537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	461027	122.71	ng	0.00
7) Phenol-d6	7.15	99	584216	104.66	ng	0.00
23) Nitrobenzene-d5	9.15	82	502577	97.34	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	446984	153.90	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1256604	98.01	ng	0.00
79) Terphenyl-d14	19.99	244	2471070	105.60	ng	0.00

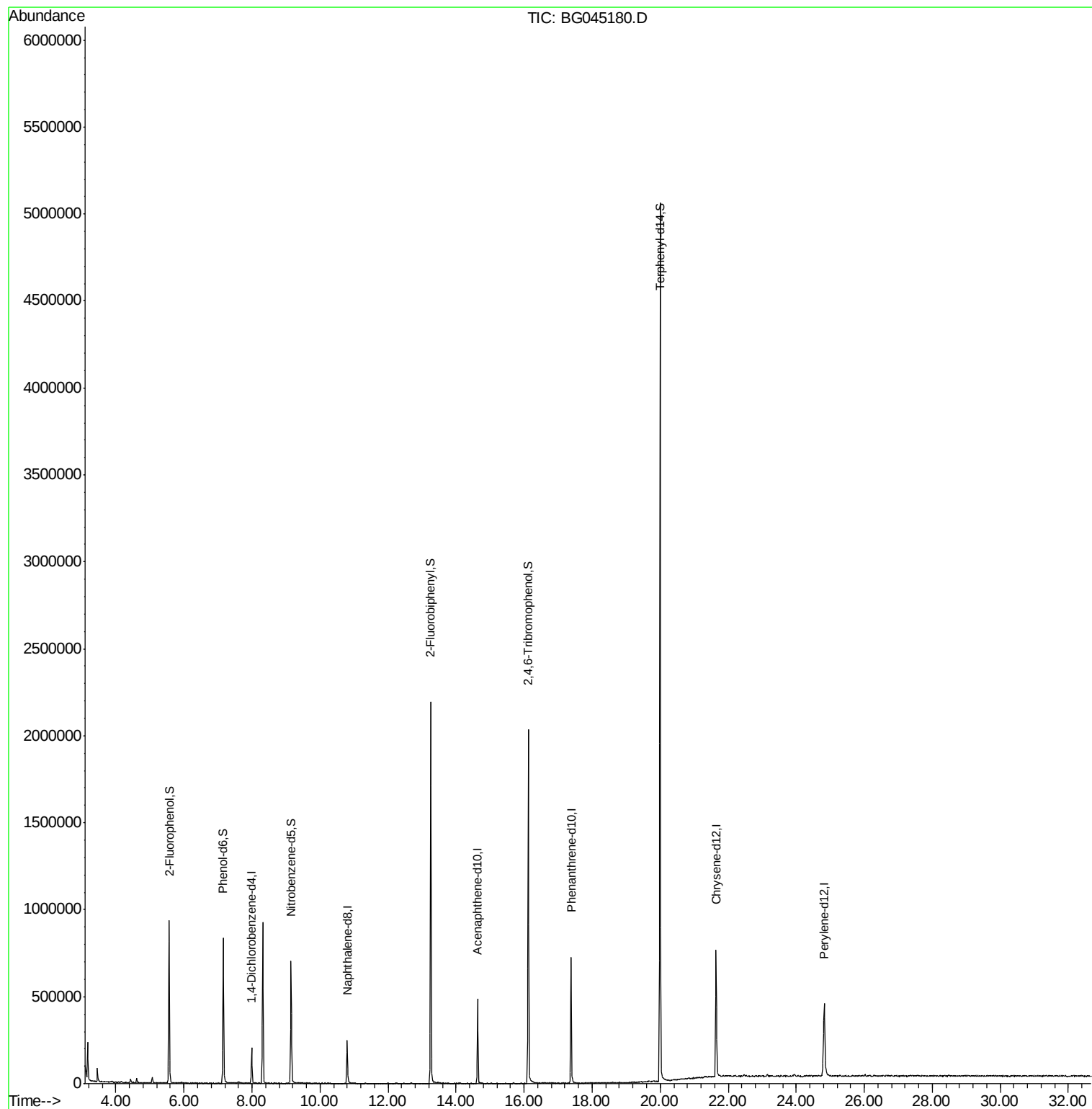
Target Compounds Qvalue

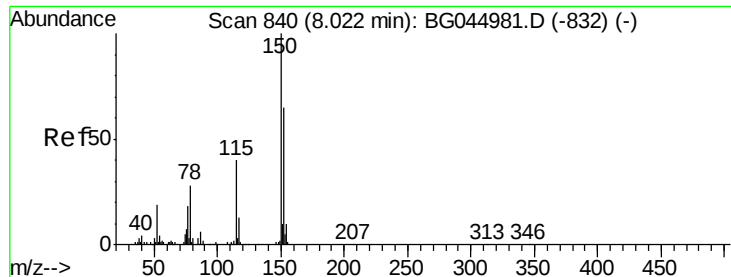
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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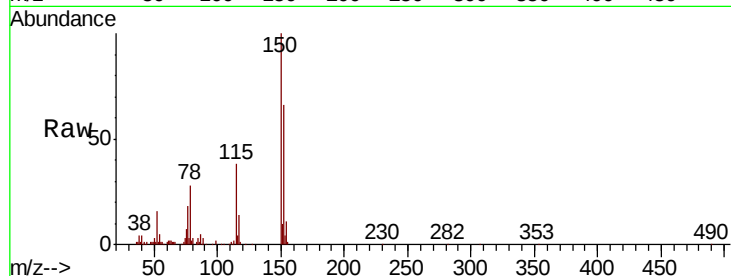


#1

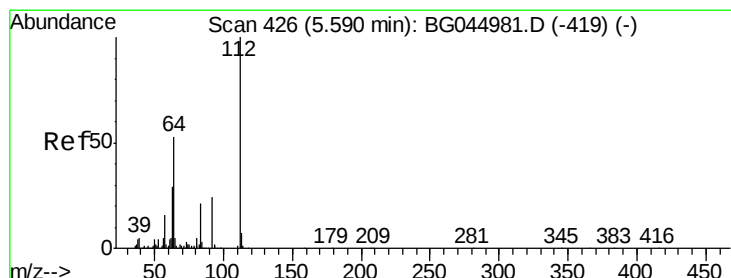
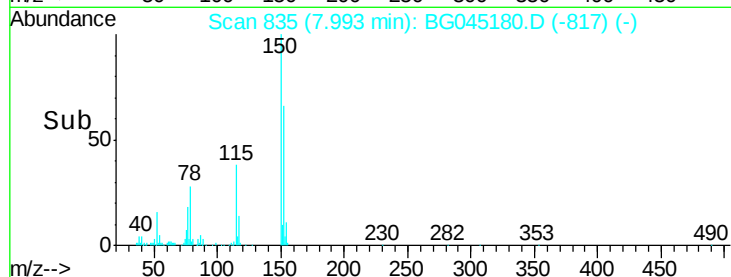
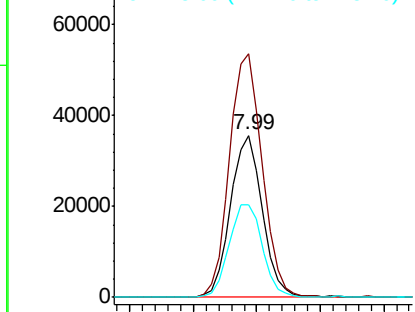
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045180.D
 Acq: 27 Apr 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-19A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.6	185.4
115	57.4	49.1	73.7



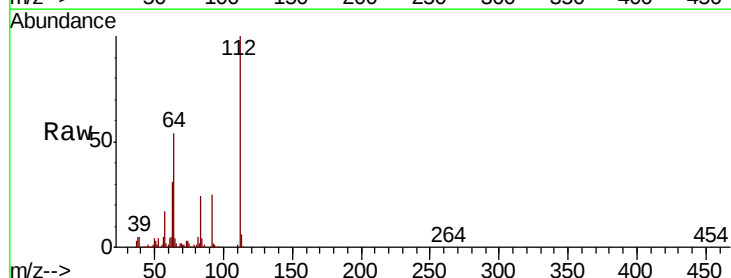
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



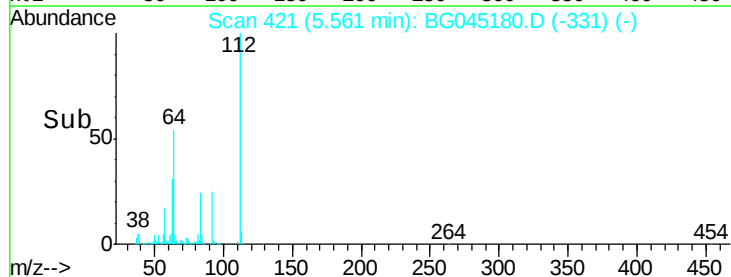
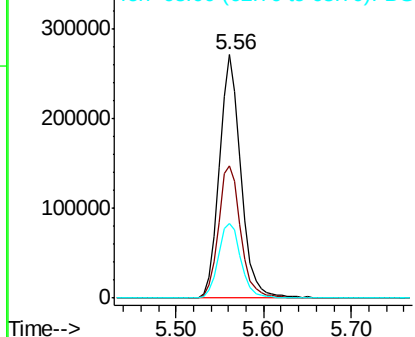
#5

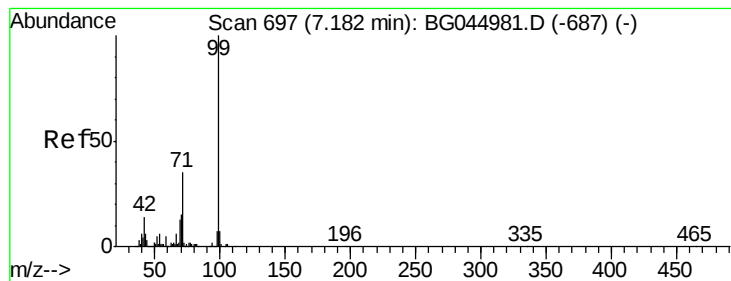
2-Fluorophenol
 Concen: 122.710 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG045180.D
 Acq: 27 Apr 2020 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.4	63.6
63	30.6	23.1	34.7



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: 104.660 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045180.D

Acq: 27 Apr 2020 15:55

Instrument :

BNA_G

ClientSampleId :

TP-19A

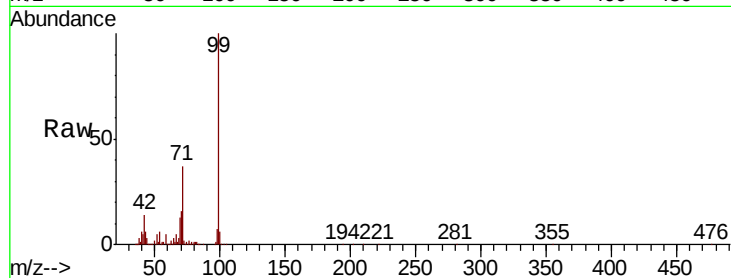
Tot Ion: 99 Resp: 584216

Ion Ratio Lower Upper

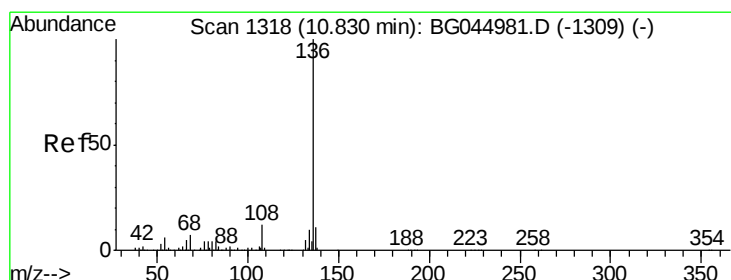
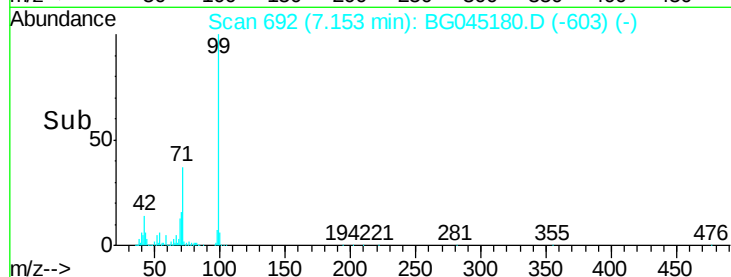
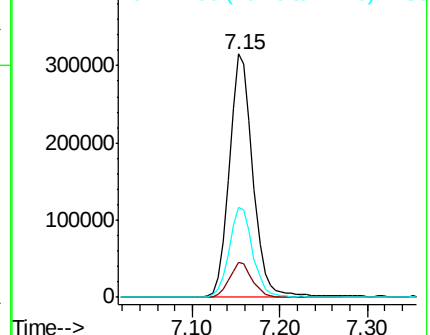
99 100

42 14.4 11.3 16.9

71 37.0 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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045180.D

Acq: 27 Apr 2020 15:55

Tgt Ion: 136 Resp: 235593

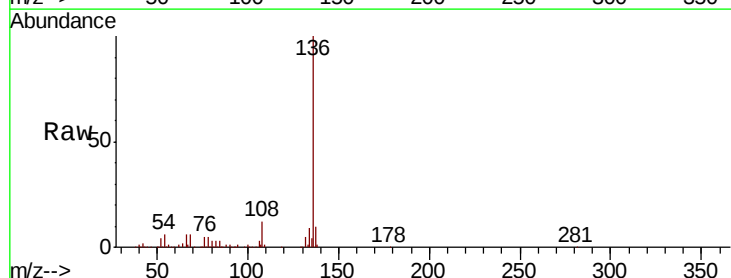
Ion Ratio Lower Upper

136 100

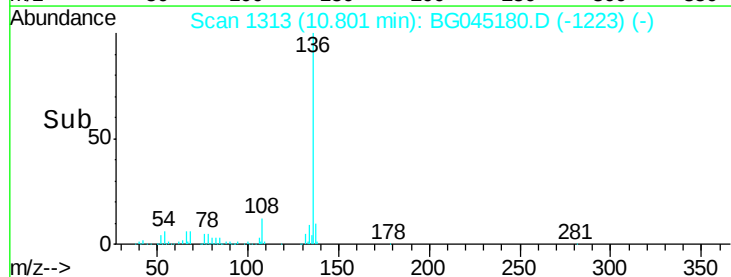
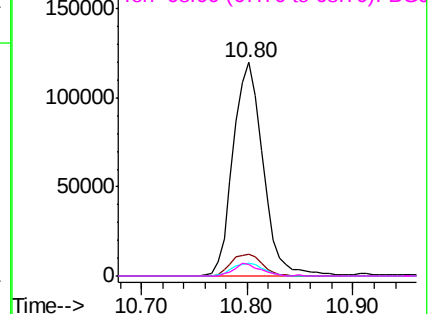
137 10.3 8.6 13.0

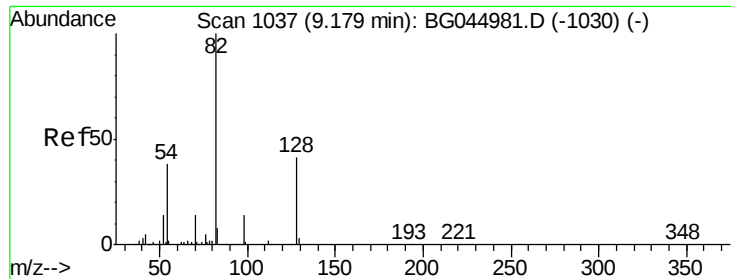
54 6.3 4.8 7.2

68 5.5 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

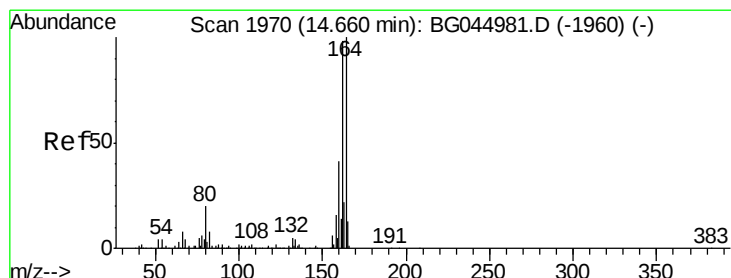
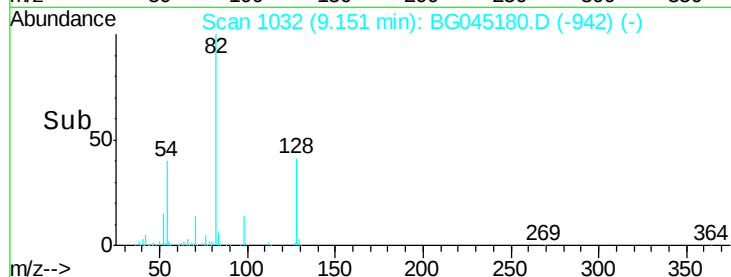
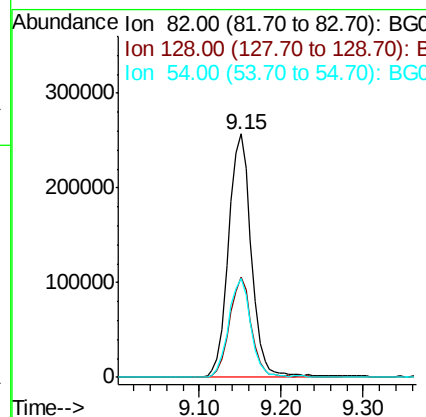
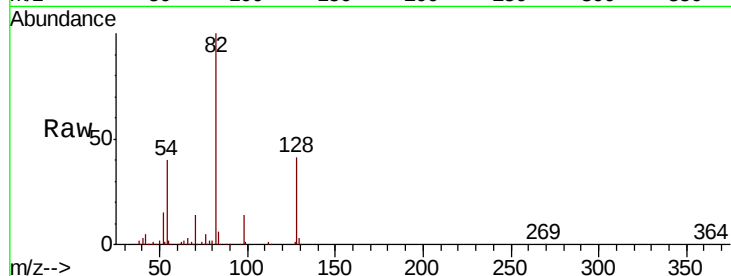




#23
Nitrobenzene-d5
Concen: 97.337 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045180.D
Acq: 27 Apr 2020 15:55

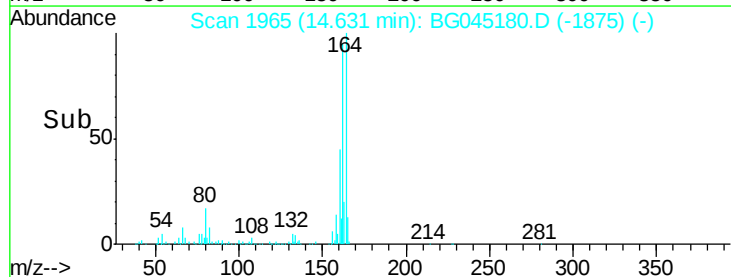
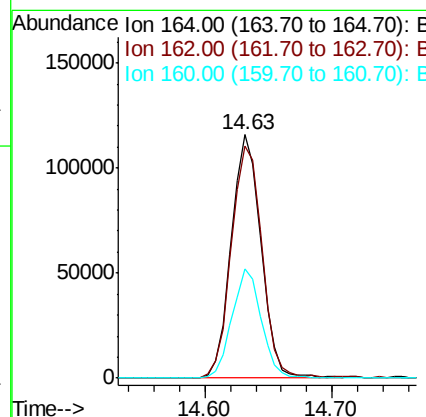
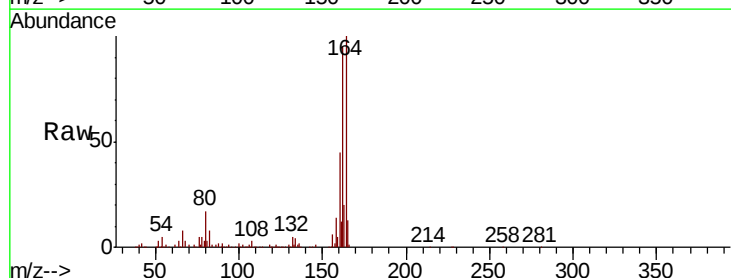
Instrument :
BNA_G
ClientSampleId :
TP-19A

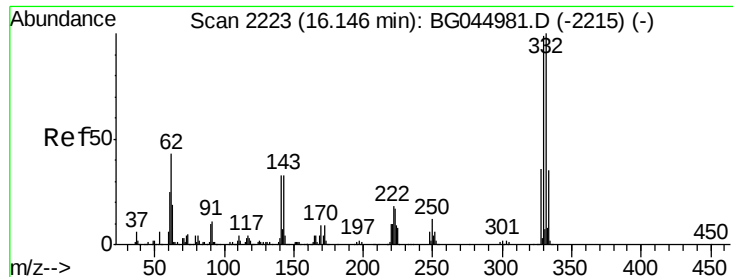
Tot Ion	82	Resp	502577
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	40.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045180.D
Acq: 27 Apr 2020 15:55

Tgt Ion	164	Resp	188001
Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.7	118.1
160	44.7	32.8	49.2

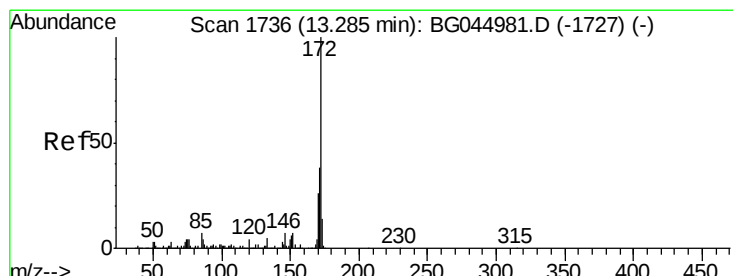
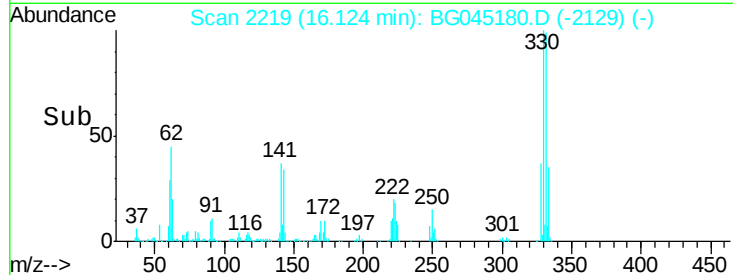
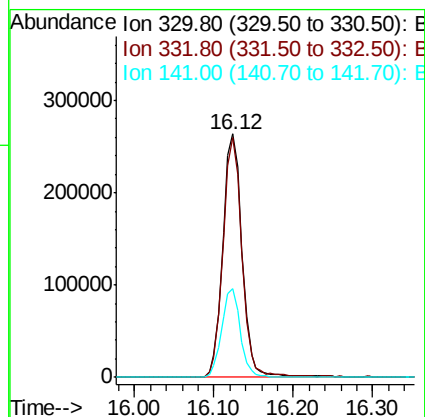
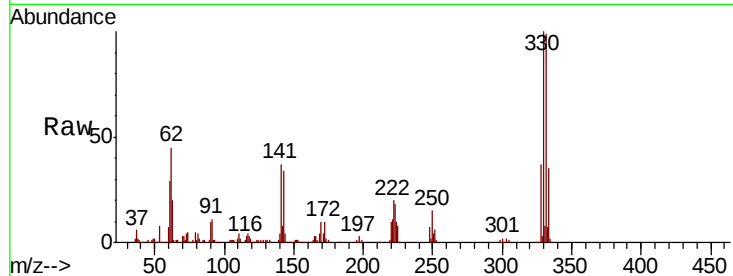




#42
 2,4,6-Tribromophenol
 Concen: 153.901 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG045180.D
 Acq: 27 Apr 2020 15:55

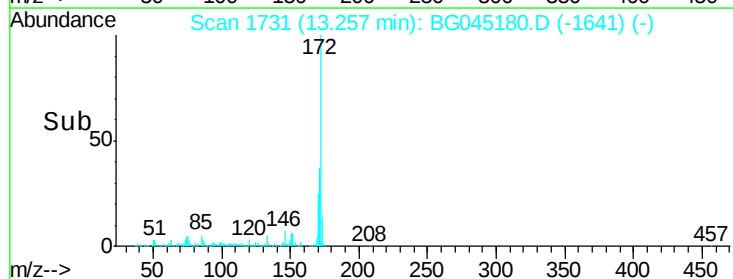
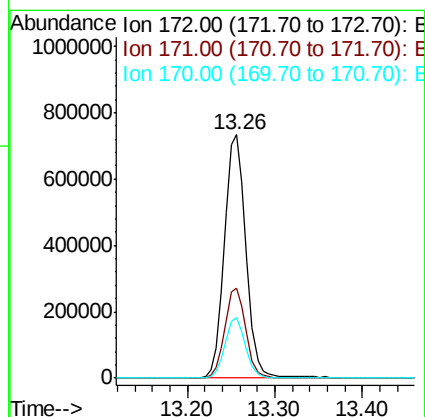
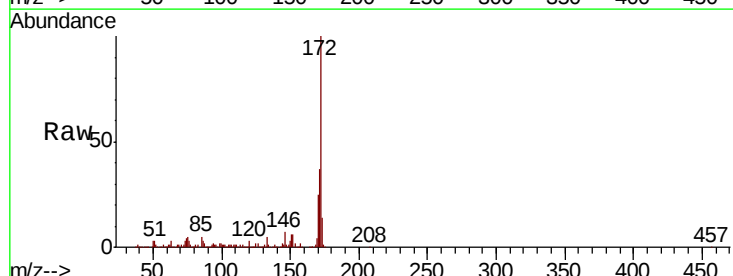
Instrument :
 BNA_G
 ClientSampleId :
 TP-19A

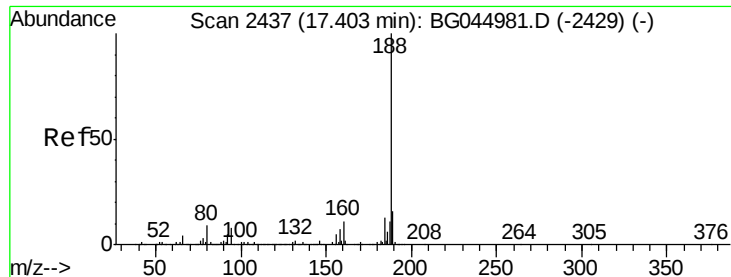
Tot Ion:	330	Resp:	446984
Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	35.5	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 98.009 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045180.D
 Acq: 27 Apr 2020 15:55

Tgt Ion:	172	Resp:	1256604
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.8	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045180.D

Acq: 27 Apr 2020 15:55

Instrument :

BNA_G

ClientSampleId :

TP-19A

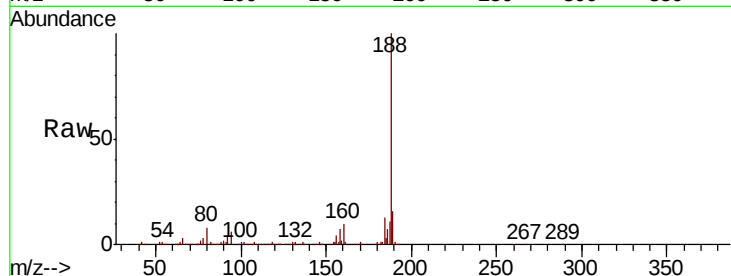
Tot Ion:188 Resp: 501603

Ion Ratio Lower Upper

188 100

94 5.9 6.2 9.4#

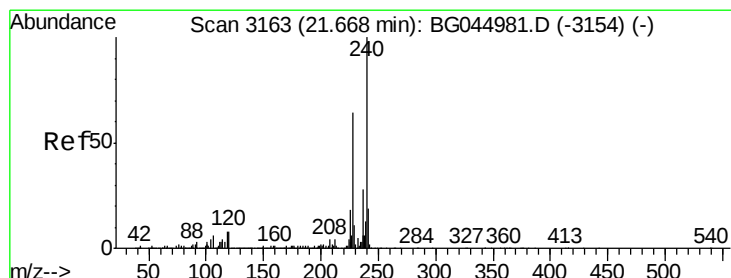
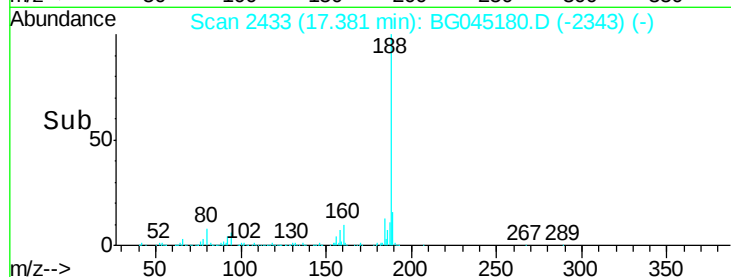
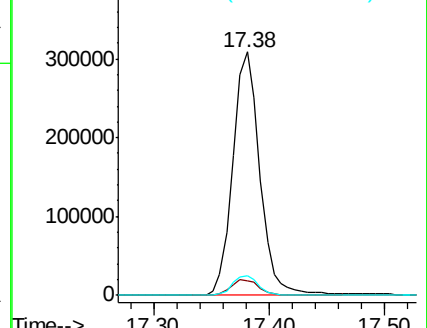
80 8.2 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045180.D

Acq: 27 Apr 2020 15:55

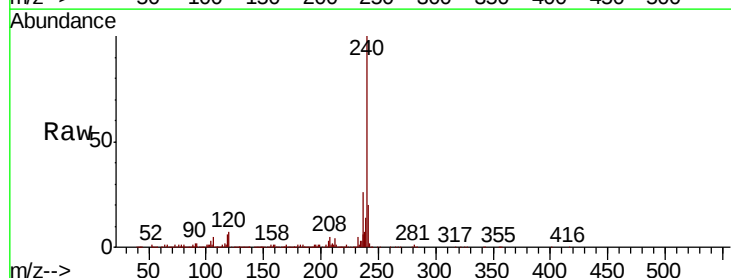
Tgt Ion:240 Resp: 510005

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

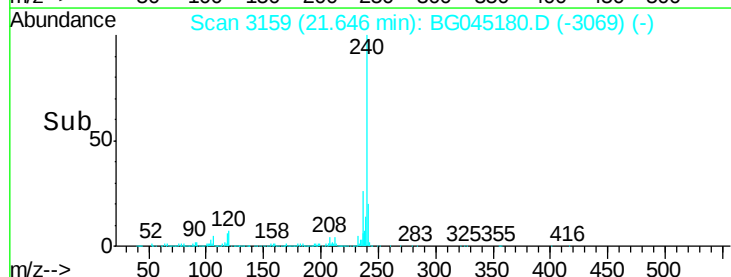
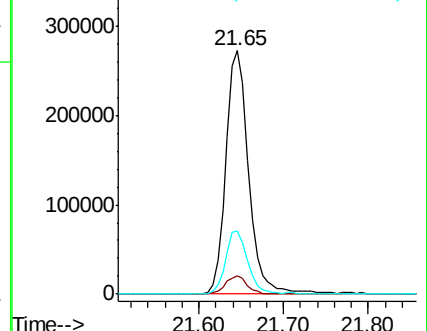
236 25.7 22.2 33.2

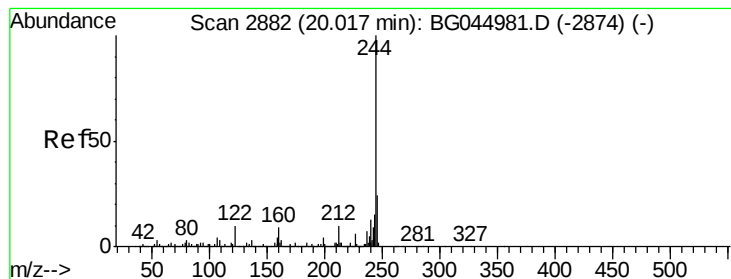


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.604 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045180.D

Acq: 27 Apr 2020 15:55

Instrument :

BNA_G

ClientSampleId :

TP-19A

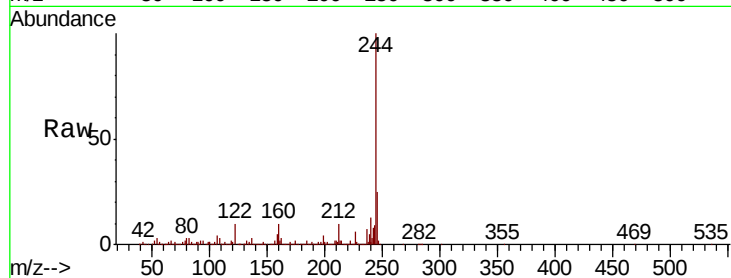
Tot Ion:244 Resp: 2471070

Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

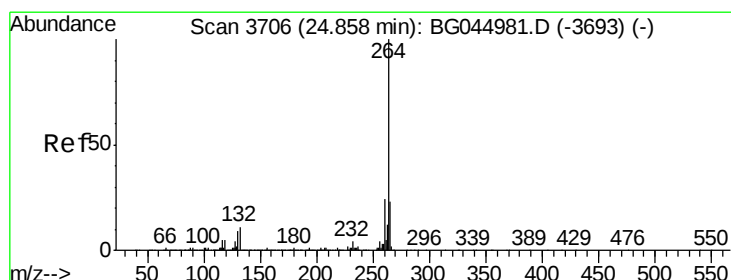
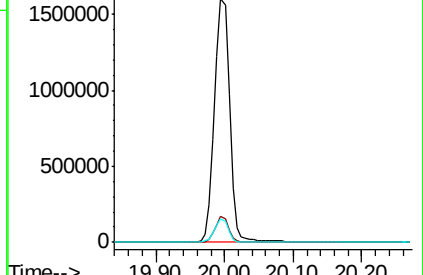
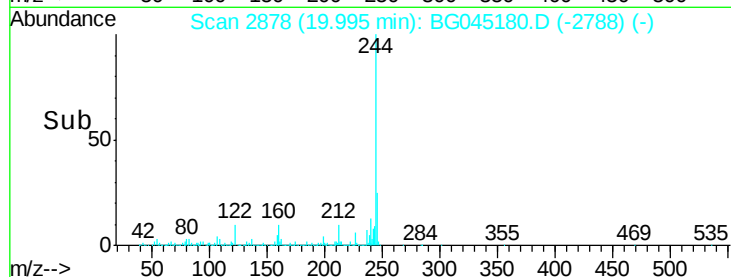
122 9.9 7.7 11.5



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: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045180.D

Acq: 27 Apr 2020 15:55

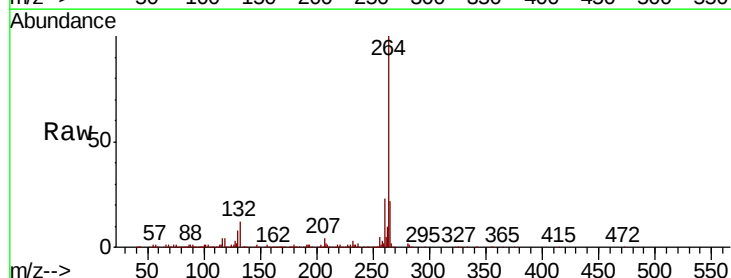
Tgt Ion:264 Resp: 536537

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.3 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

