

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045023.D
 Acq On : 17 Apr 2020 2:08
 Operator : CG/JU
 Sample : L2284-18 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-B-SA

Quant Time: Apr 17 06:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	77940	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	350917	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	259964	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	527075	20.00	ng	0.00
76) Chrysene-d12	21.66	240	417816	20.00	ng	0.00
87) Perylene-d12	24.85	264	452570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	67461	14.29	ng	0.00
7) Phenol-d6	7.18	99	112261	16.00	ng	0.00
23) Nitrobenzene-d5	9.17	82	74694	9.71	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	56195	13.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	212101	11.96	ng	0.00
79) Terphenyl-d14	20.01	244	287637	15.00	ng	0.00

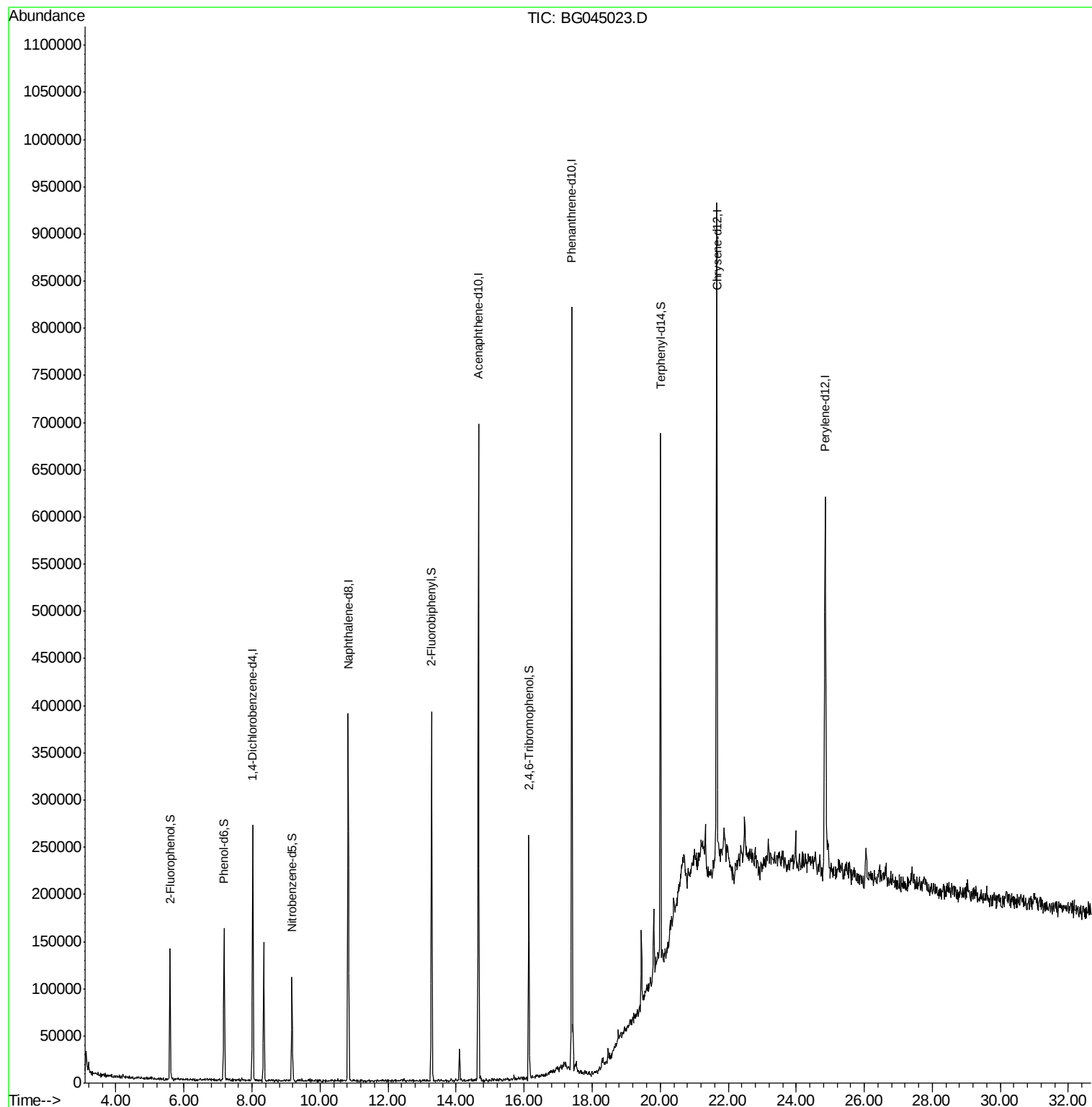
Target Compounds Qvalue

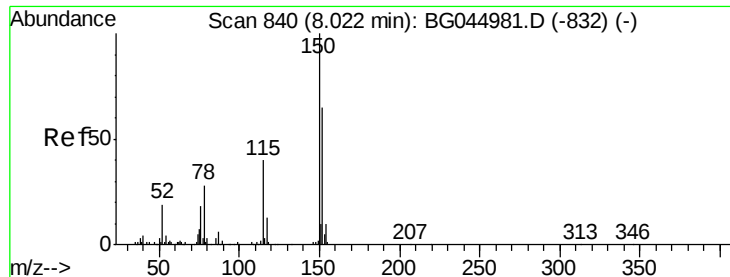
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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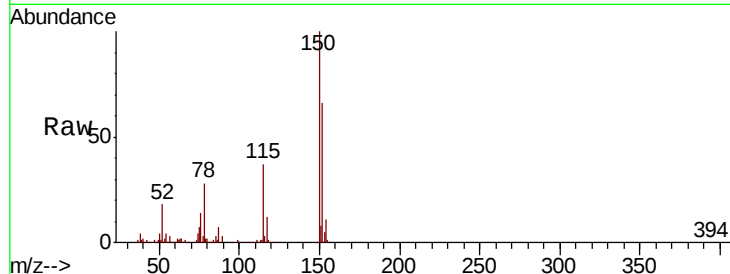


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG045023.D
 Acq: 17 Apr 2020 2:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-B-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.6	185.4
115	56.7	49.1	73.7

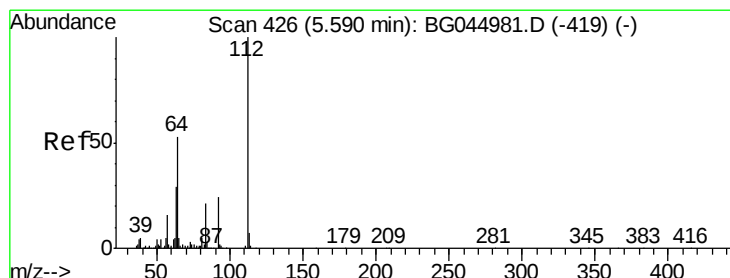
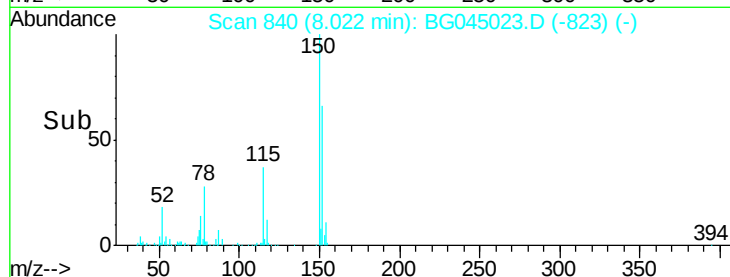
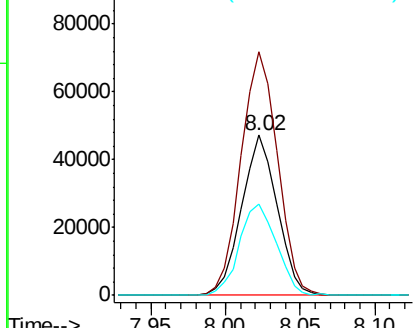


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

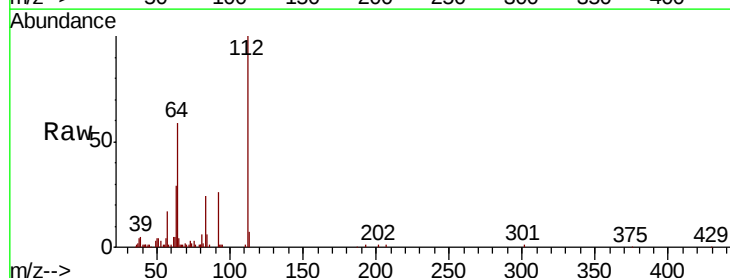
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 14.290 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG045023.D
 Acq: 17 Apr 2020 2:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	42.4	63.6
63	28.8	23.1	34.7

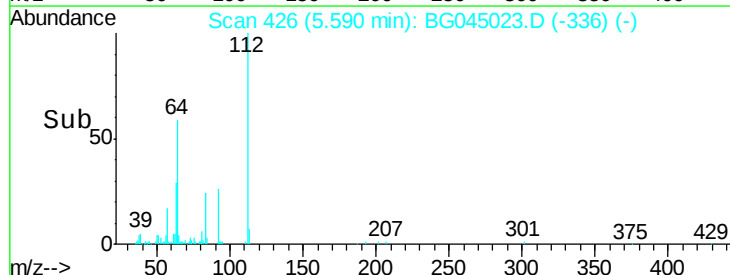
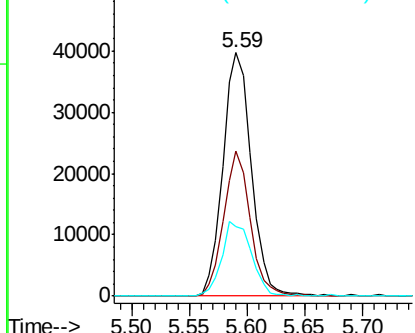


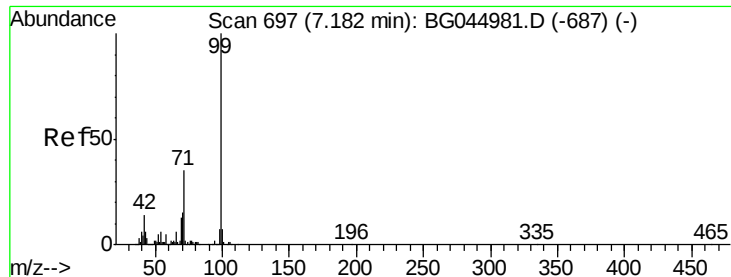
Abundance

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: 16.005 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045023.D

Acq: 17 Apr 2020 2:08

Instrument :

BNA_G

ClientSampleId :

TP-16-B-SA

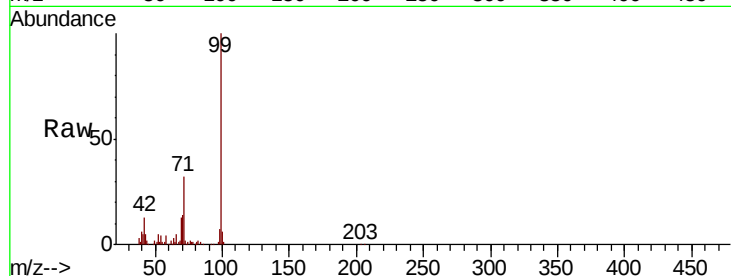
Tot Ion: 99 Resp: 112261

Ion Ratio Lower Upper

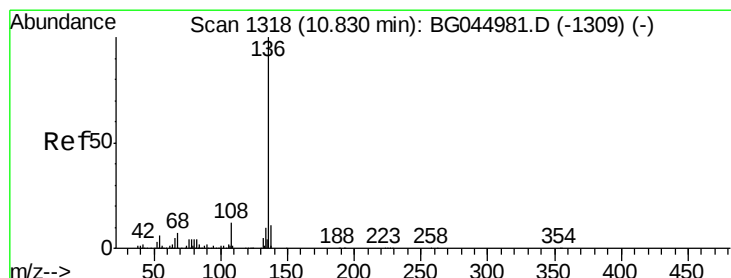
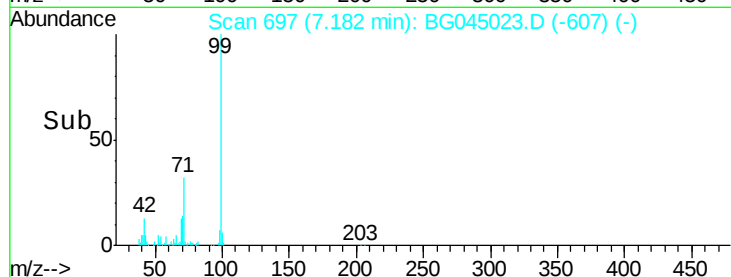
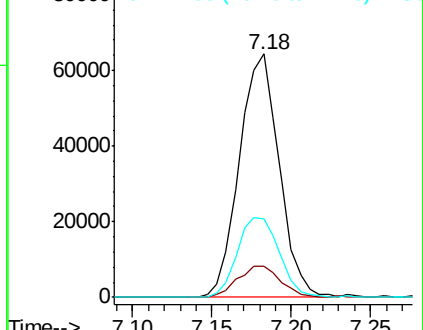
99 100

42 13.0 11.3 16.9

71 32.2 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: BG045023.D

Acq: 17 Apr 2020 2:08

Tgt Ion: 136 Resp: 350917

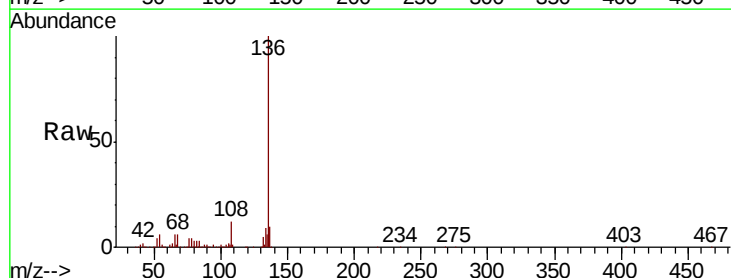
Ion Ratio Lower Upper

136 100

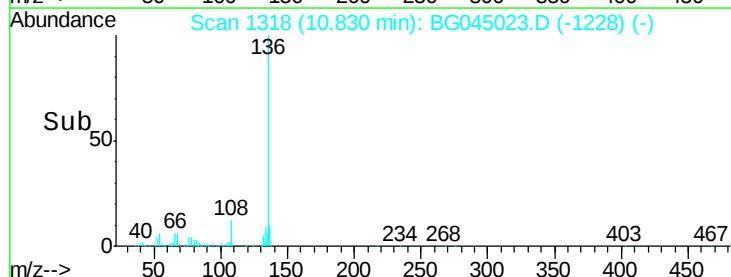
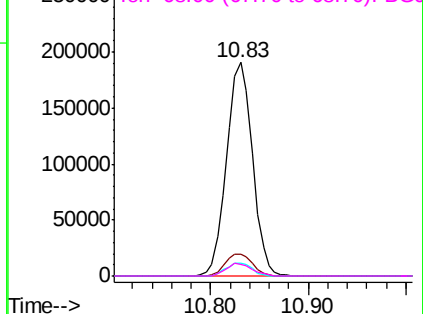
137 10.5 8.6 13.0

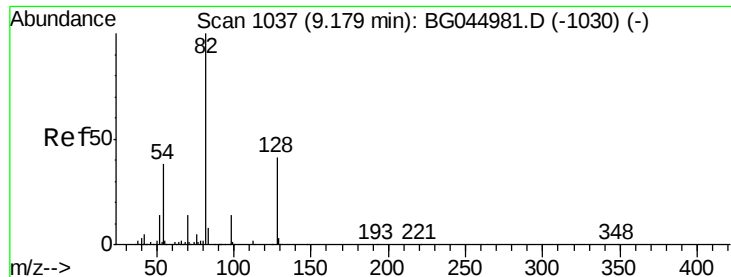
54 6.3 4.8 7.2

68 5.7 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

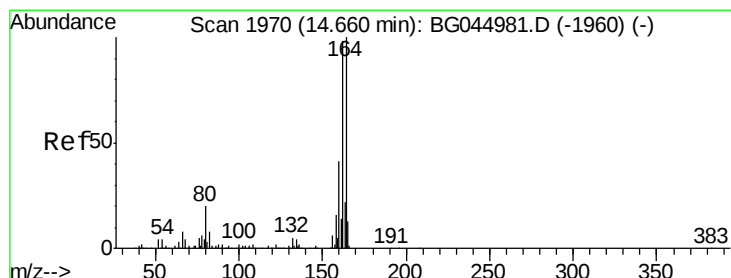
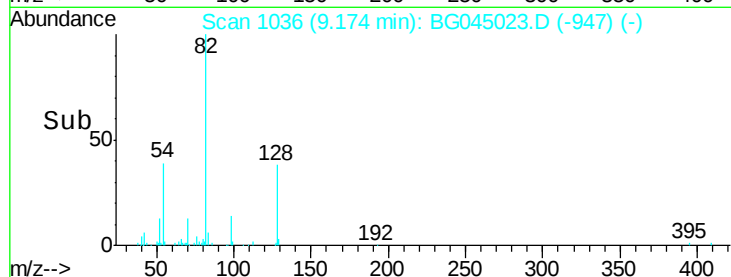
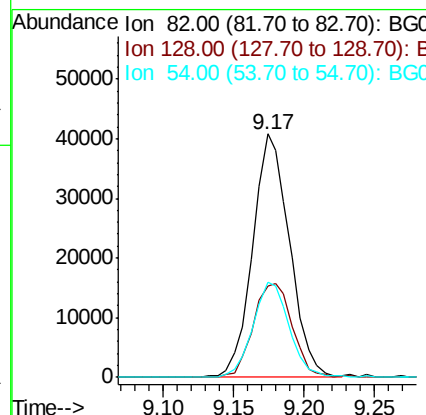
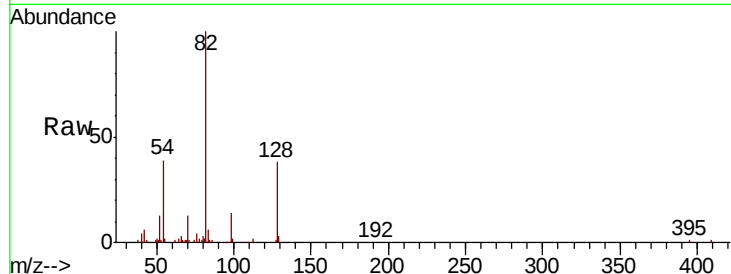




#23
 Nitrobenzene-d5
 Concen: 9.712 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045023.D
 Acq: 17 Apr 2020 2:08

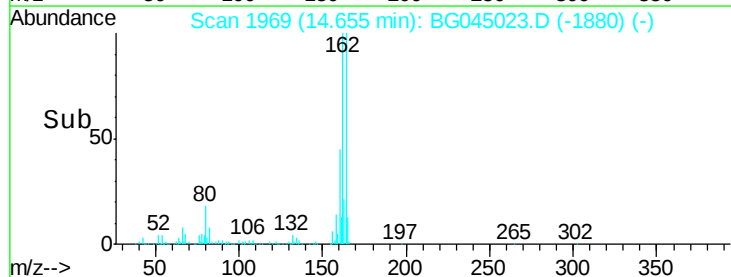
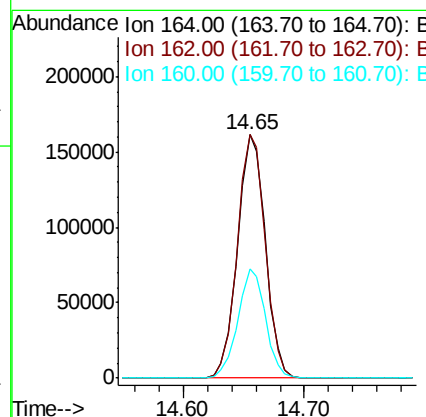
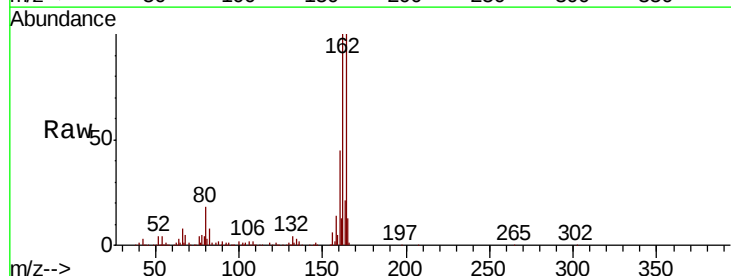
Instrument :
 BNA_G
 ClientSampleId :
 TP-16-B-SA

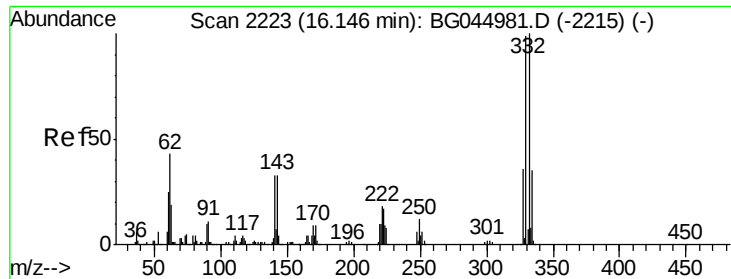
Tot Ion	82	Resp	74694
Ion Ratio	Lower	Upper	
82	100		
128	37.8	33.0	49.4
54	39.1	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045023.D
 Acq: 17 Apr 2020 2:08

Tgt Ion	164	Resp	259964
Ion Ratio	Lower	Upper	
164	100		
162	99.9	78.7	118.1
160	44.9	32.8	49.2

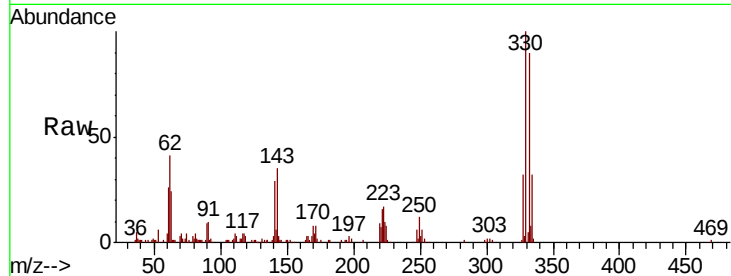




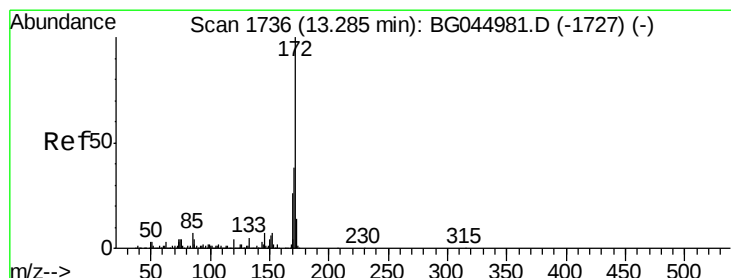
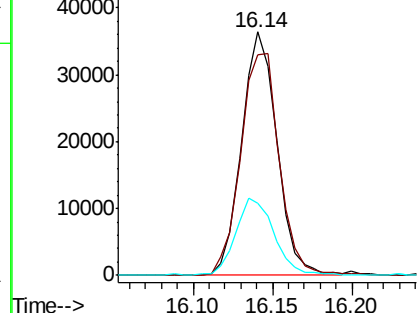
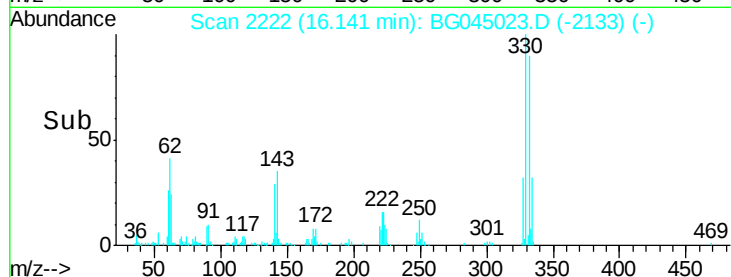
#42
 2,4,6-Tribromophenol
 Concen: 13.992 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045023.D
 Acq: 17 Apr 2020 2:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-B-SA

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	79.1	118.7
141	34.6	27.1	40.7

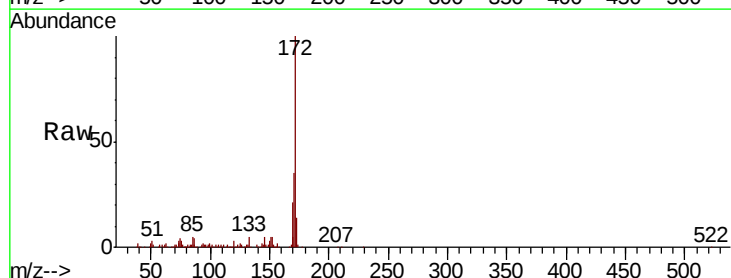


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

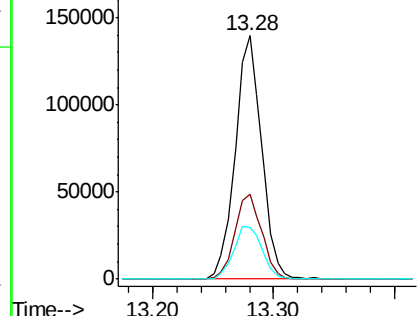
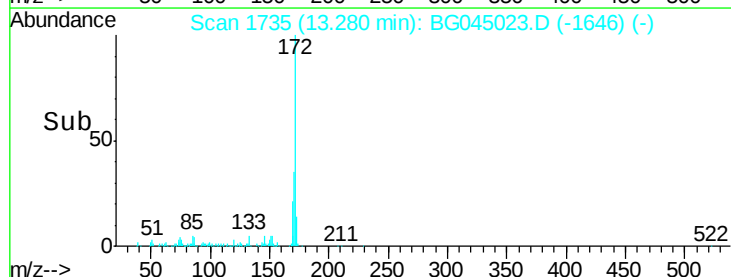


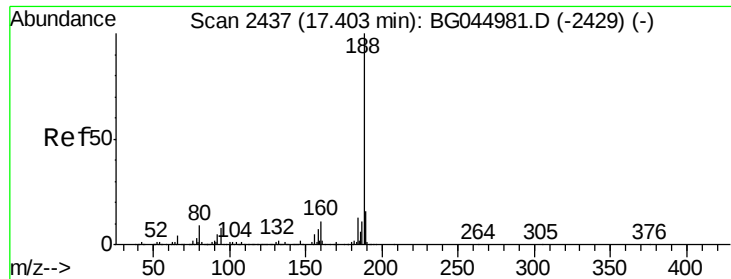
#45
 2-Fluorobiphenyl
 Concen: 11.963 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045023.D
 Acq: 17 Apr 2020 2:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.6	46.0
170	21.0	20.5	30.7



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045023.D

Acq: 17 Apr 2020 2:08

Instrument :

BNA_G

ClientSampleId :

TP-16-B-SA

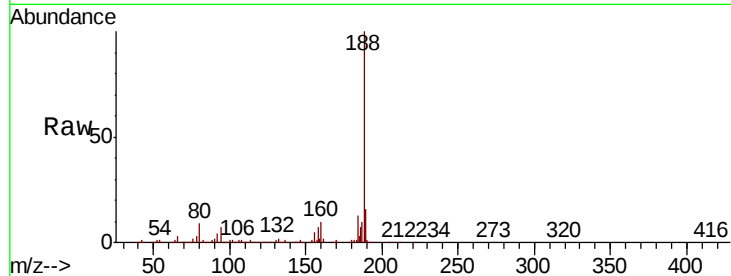
Tot Ion:188 Resp: 527075

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

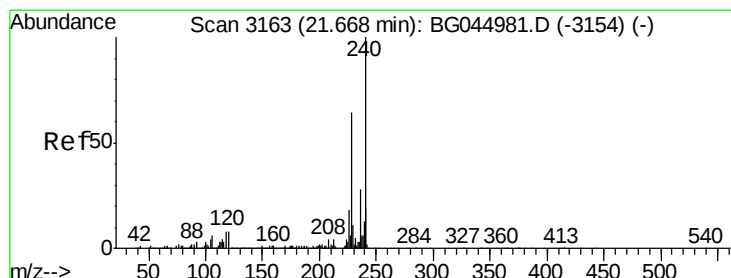
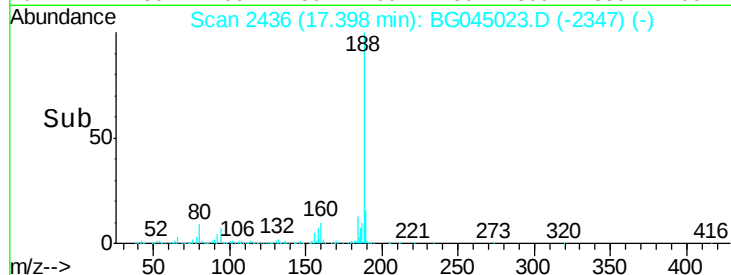
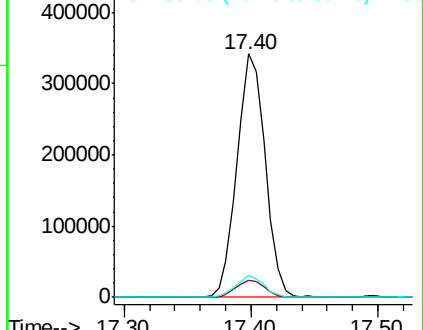
80 9.0 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG045023.D

Acq: 17 Apr 2020 2:08

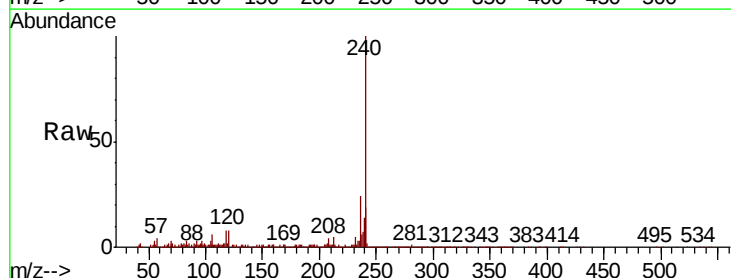
Tgt Ion:240 Resp: 417816

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

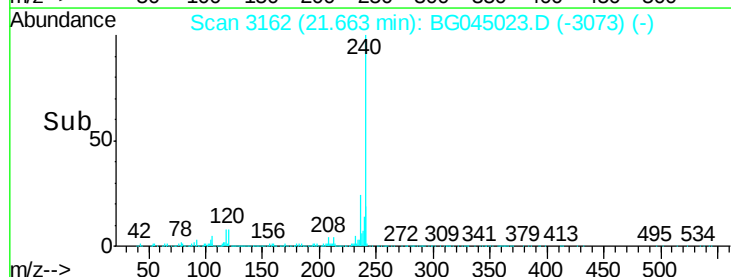
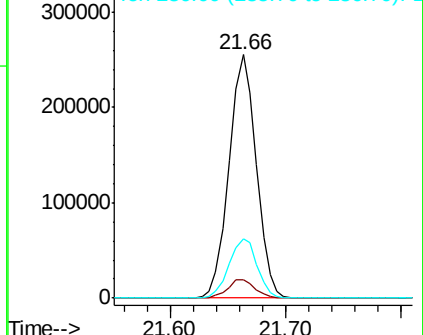
236 24.2 22.2 33.2

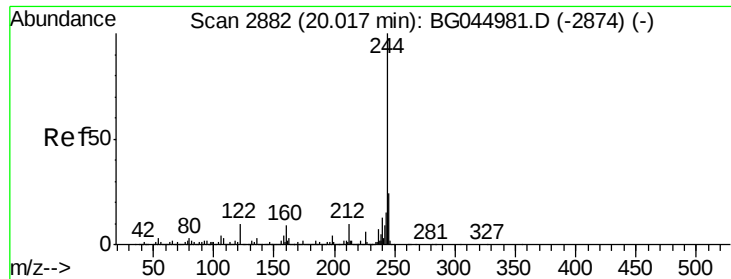


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 15.005 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045023.D

Acq: 17 Apr 2020 2:08

Instrument :

BNA_G

ClientSampleId :

TP-16-B-SA

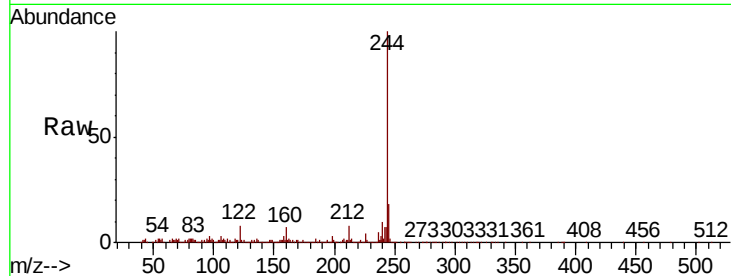
Tot Ion:244 Resp: 287637

Ion Ratio Lower Upper

244 100

212 8.3 7.9 11.9

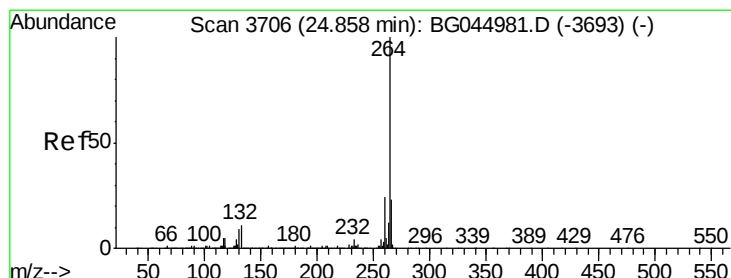
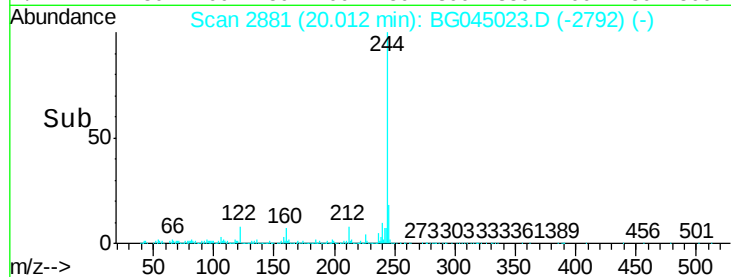
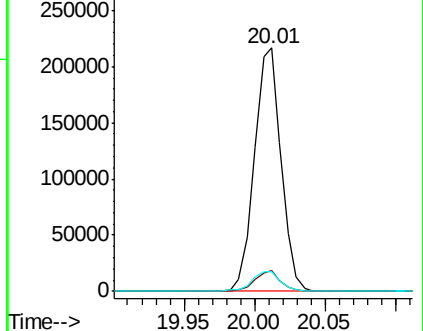
122 8.0 7.7 11.5



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: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG045023.D

Acq: 17 Apr 2020 2:08

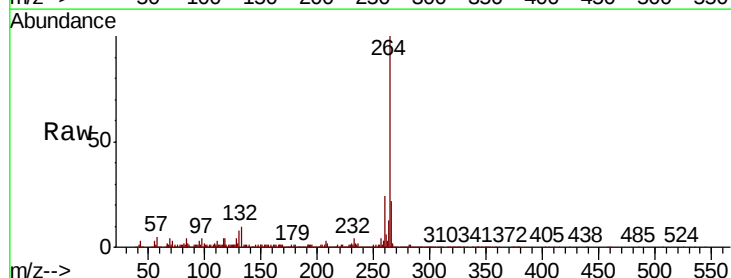
Tgt Ion:264 Resp: 452570

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 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

