

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045032.D
 Acq On : 17 Apr 2020 14:27
 Operator : CG/JU
 Sample : L2284-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DA

Quant Time: Apr 17 15:24:44 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	63783	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271040	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	221428	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	560273	20.00	ng	0.00
76) Chrysene-d12	21.66	240	534624	20.00	ng	0.00
87) Perylene-d12	24.85	264	387214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	544665	140.98	ng	0.00
7) Phenol-d6	7.18	99	758644	132.17	ng	0.00
23) Nitrobenzene-d5	9.18	82	575569	96.90	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	535140	156.44	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1442657	95.53	ng	0.00
79) Terphenyl-d14	20.01	244	2554442	104.14	ng	0.00

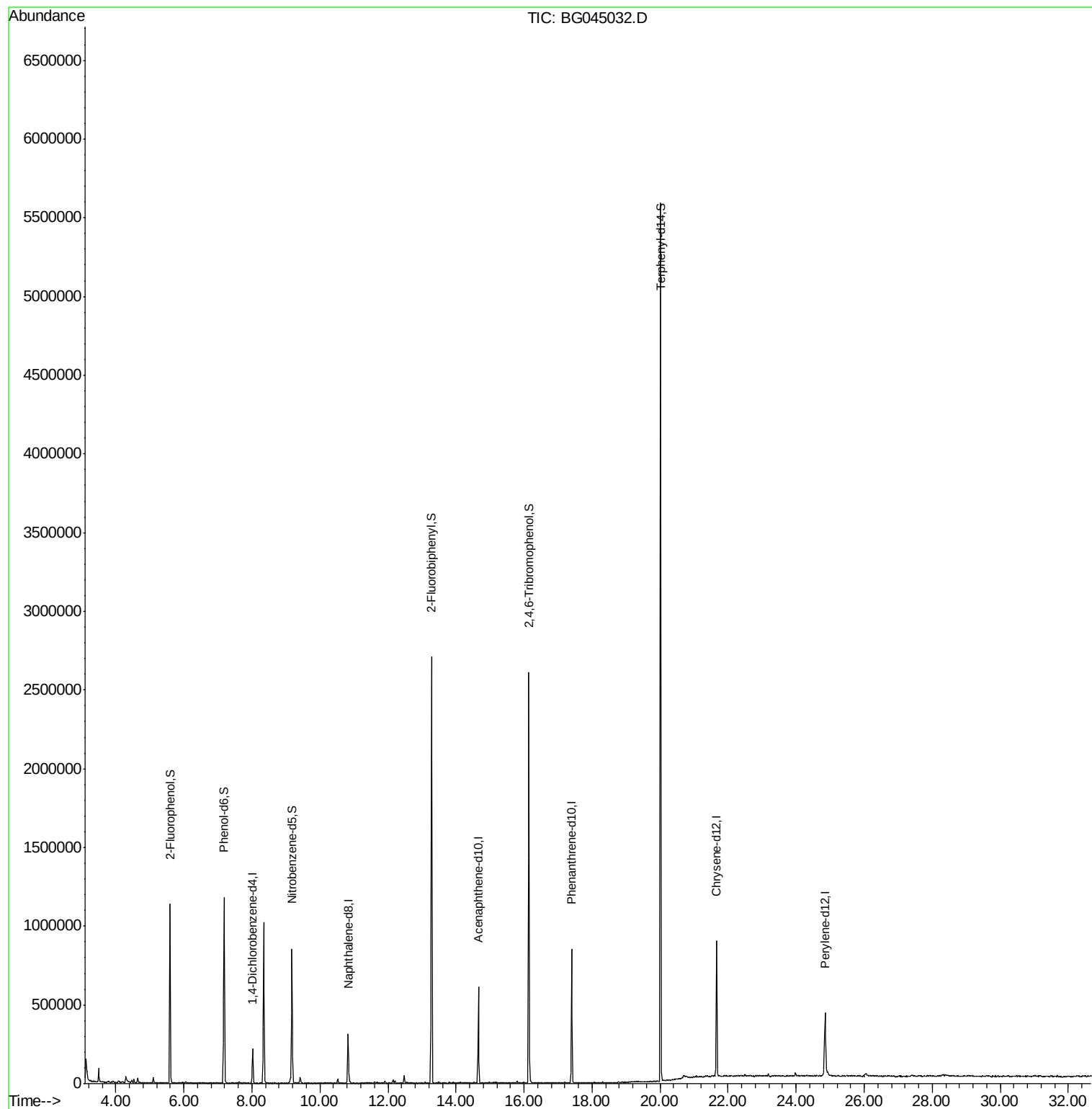
Target Compounds Qvalue

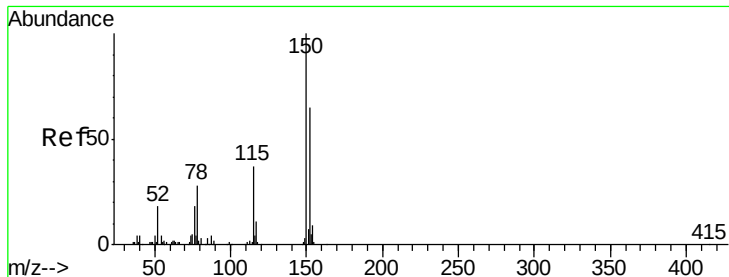
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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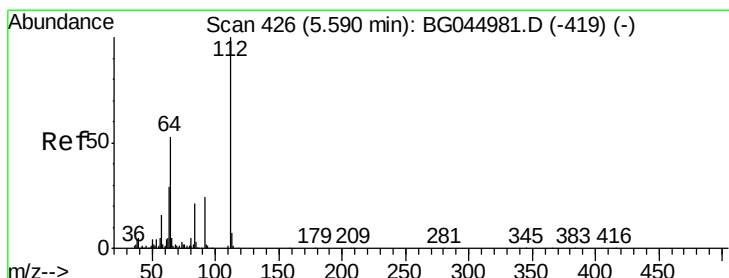
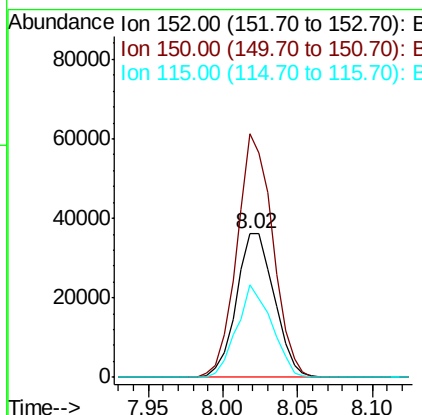
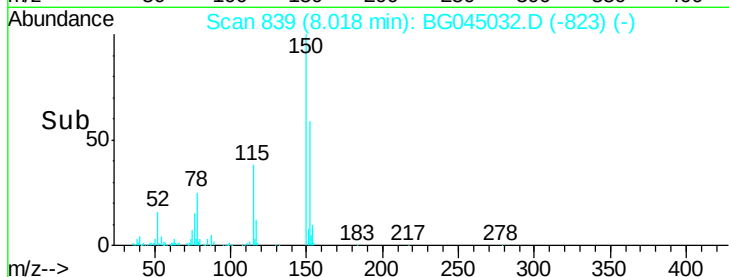
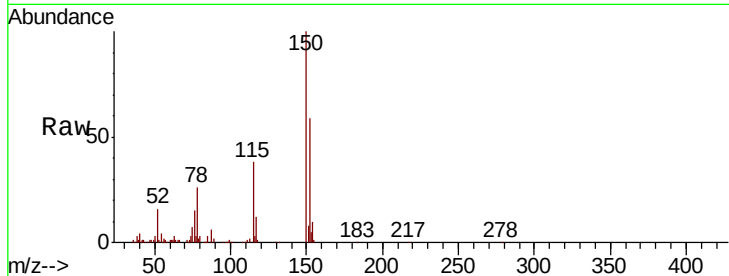




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG045032.D
 Acq: 17 Apr 2020 14:27

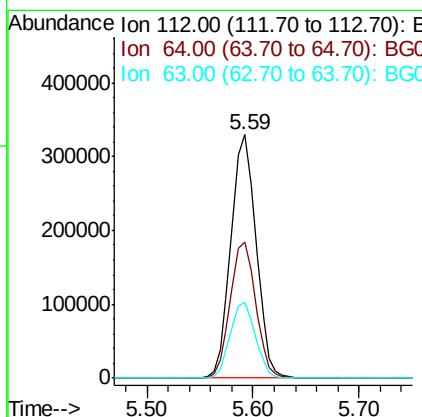
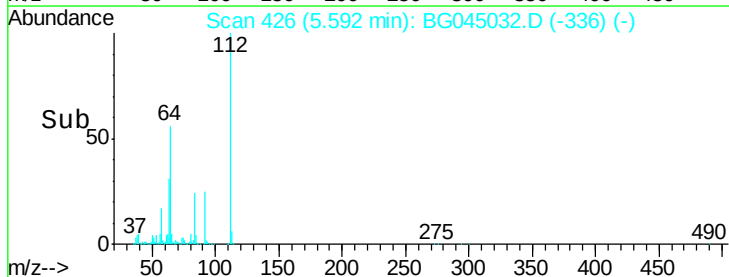
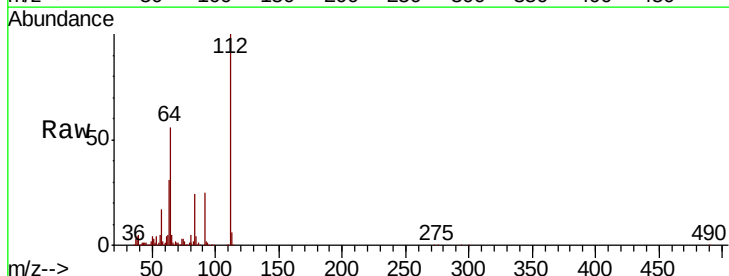
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DA

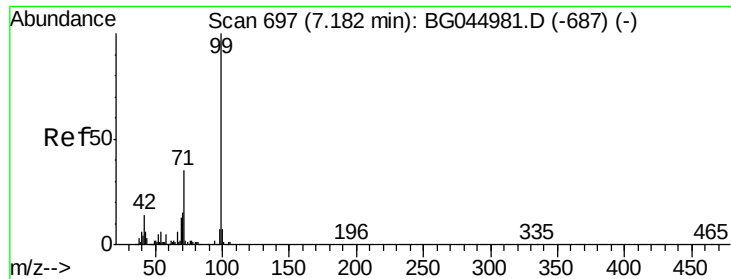
Tot Ion:152	Resp:	63783
Ion Ratio	Lower	Upper
152	100	
150	169.5	123.6 185.4
115	64.8	49.1 73.7



#5
 2-Fluorophenol
 Concen: 140.980 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045032.D
 Acq: 17 Apr 2020 14:27

Tgt Ion:112	Resp:	544665
Ion Ratio	Lower	Upper
112	100	
64	56.0	42.4 63.6
63	31.1	23.1 34.7





#7

Phenol-d6

Concen: 132.166 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

Instrument :

BNA_G

ClientSampled :

TP-11-DA

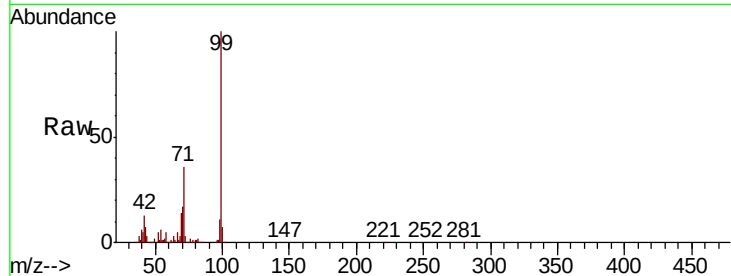
Tot Ion: 99 Resp: 758644

Ion Ratio Lower Upper

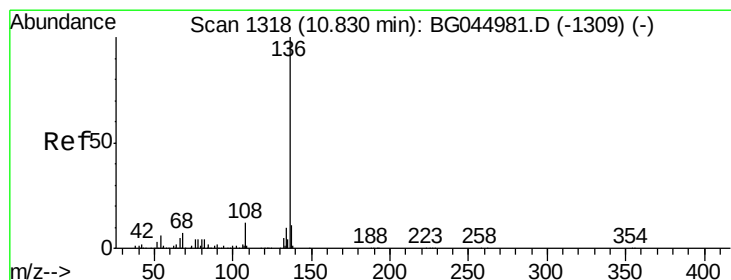
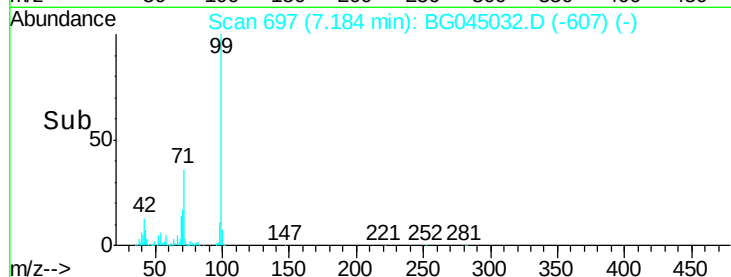
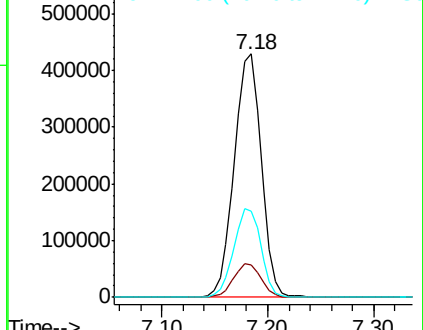
99 100

42 13.2 11.3 16.9

71 35.6 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# 1317

Delta R.T. -0.01 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

Tgt Ion: 136 Resp: 271040

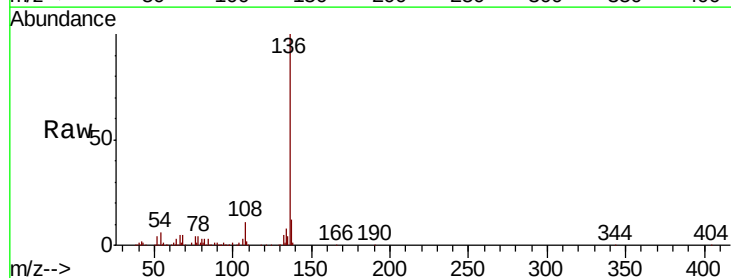
Ion Ratio Lower Upper

136 100

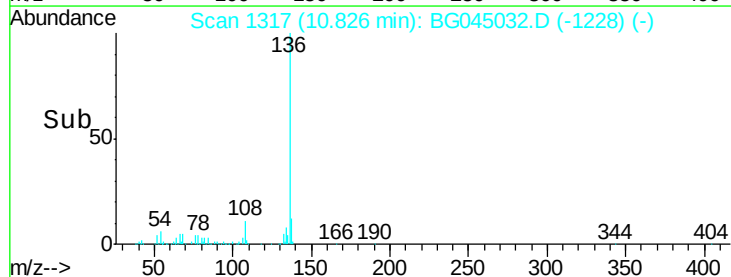
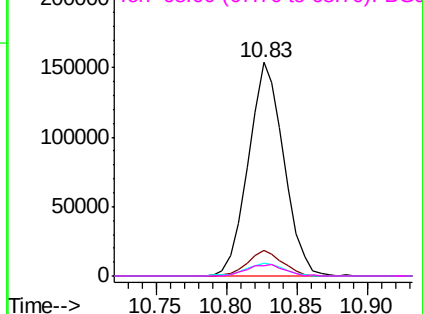
137 11.9 8.6 13.0

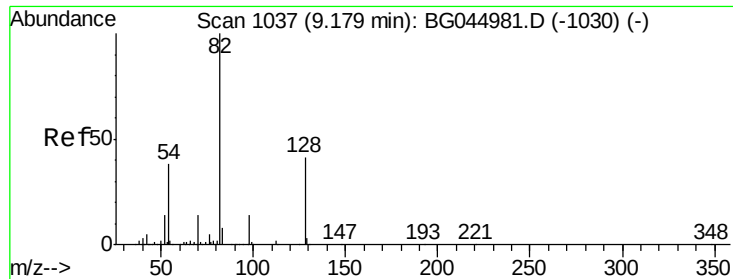
54 5.8 4.8 7.2

68 4.7 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

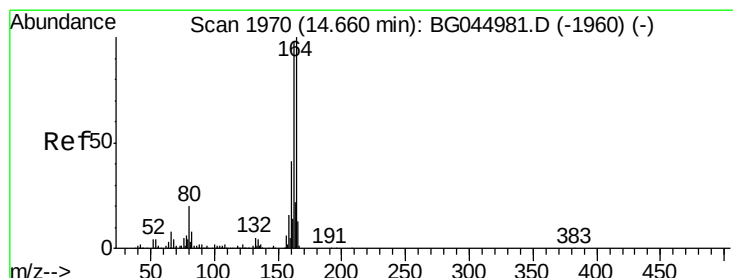
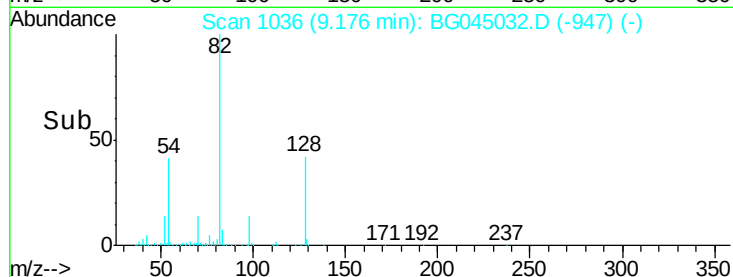
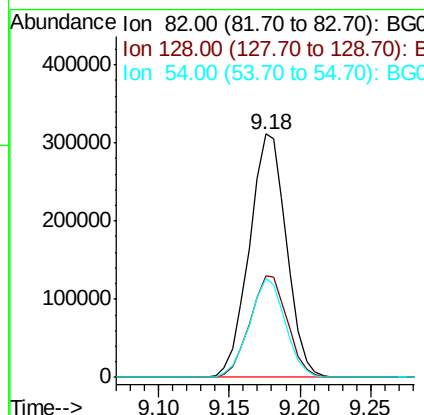
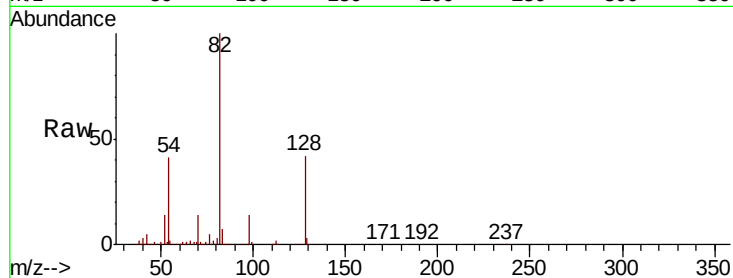




#23
 Nitrobenzene-d5
 Concen: 96.895 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045032.D
 Acq: 17 Apr 2020 14:27

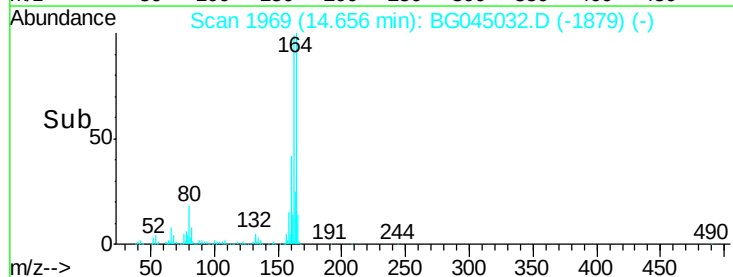
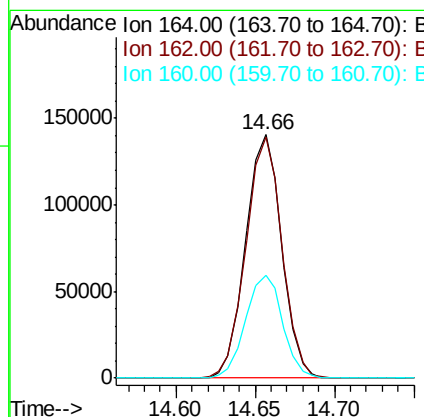
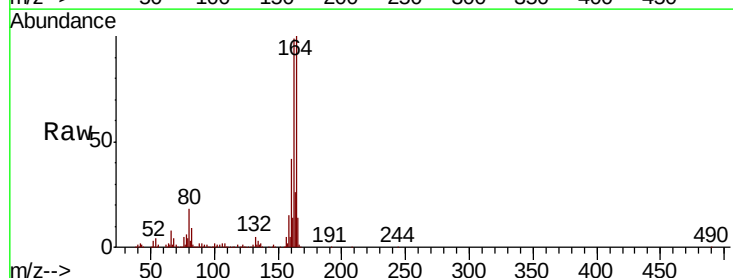
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DA

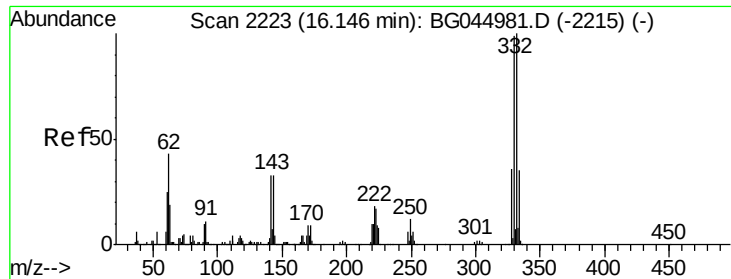
Tot Ion	82	Resp	575569
Ion Ratio	Lower	Upper	
82	100		
128	41.9	33.0	49.4
54	40.8	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045032.D
 Acq: 17 Apr 2020 14:27

Tgt Ion	164	Resp	221428
Ion Ratio	Lower	Upper	
164	100		
162	99.2	78.7	118.1
160	42.0	32.8	49.2





#42

2,4,6-Tribromophenol

Concen: 156.438 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

Instrument :

BNA_G

ClientSampleId :

TP-11-DA

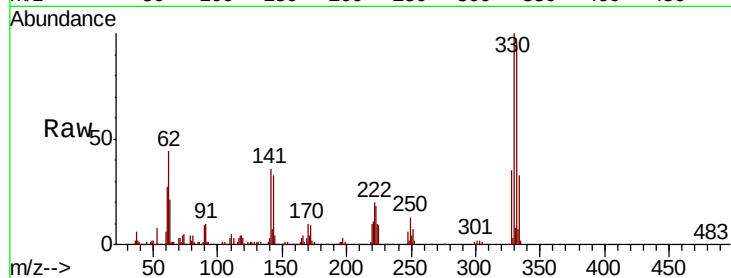
Tot Ion:330 Resp: 535140

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

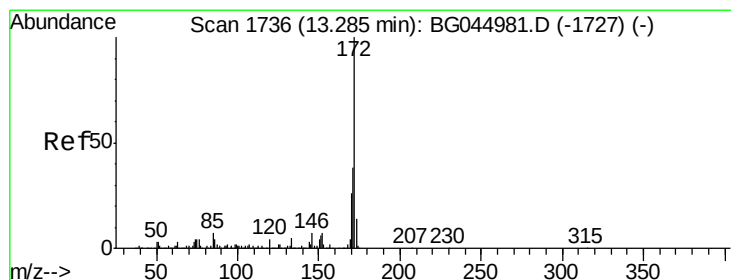
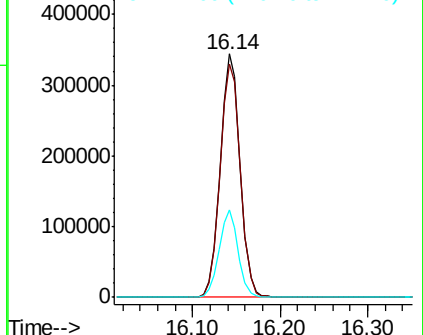
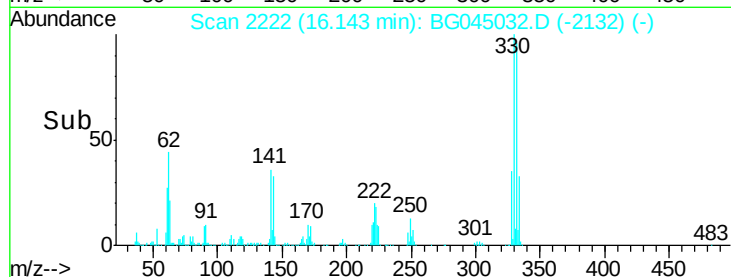
141 34.7 27.1 40.7



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: 95.534 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

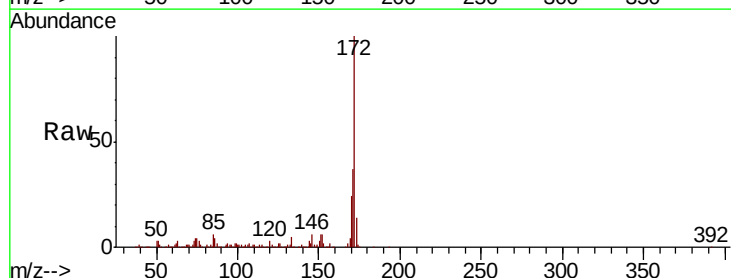
Tgt Ion:172 Resp: 1442657

Ion Ratio Lower Upper

172 100

171 37.3 30.6 46.0

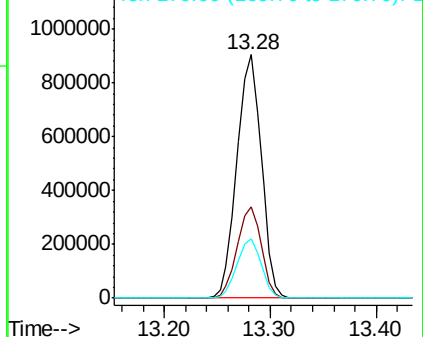
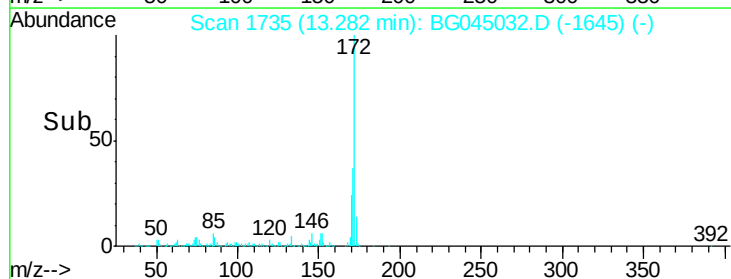
170 24.2 20.5 30.7

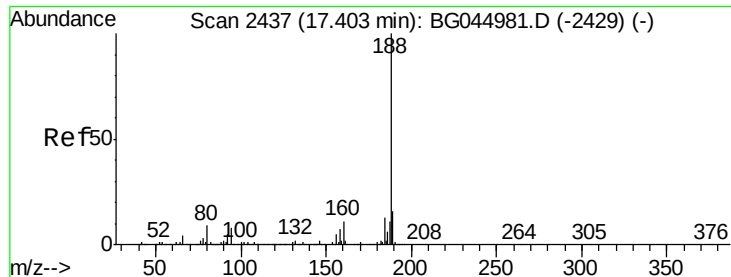


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

Instrument :

BNA_G

ClientSampleId :

TP-11-DA

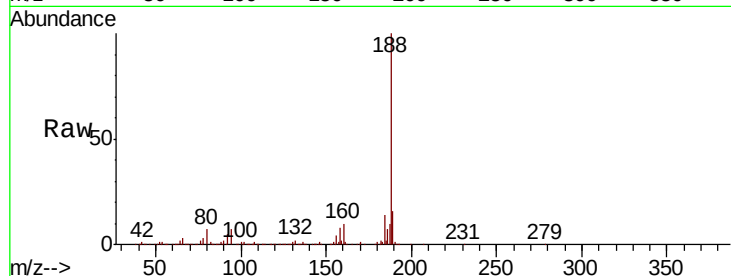
Tot Ion:188 Resp: 560273

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

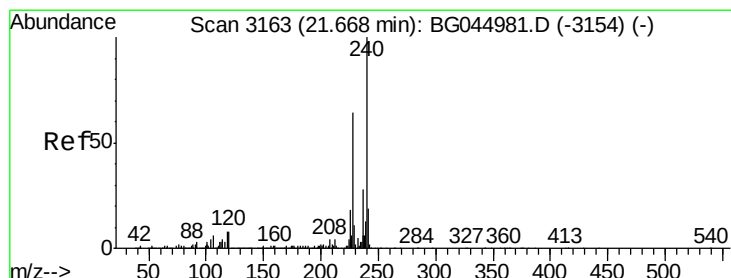
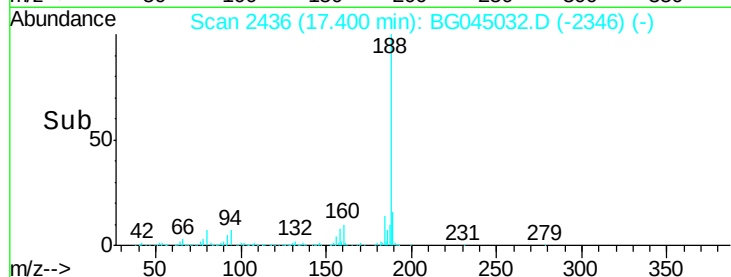
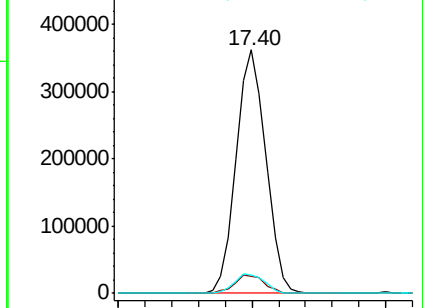
80 7.5 7.0 10.6



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

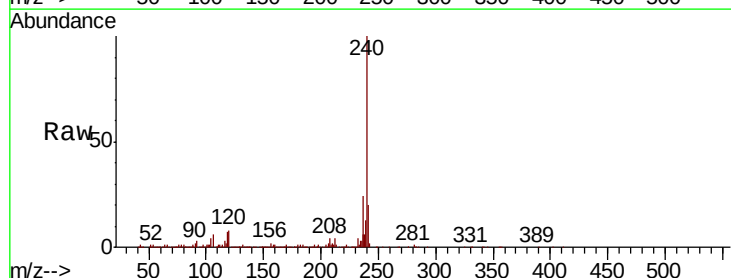
Tgt Ion:240 Resp: 534624

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

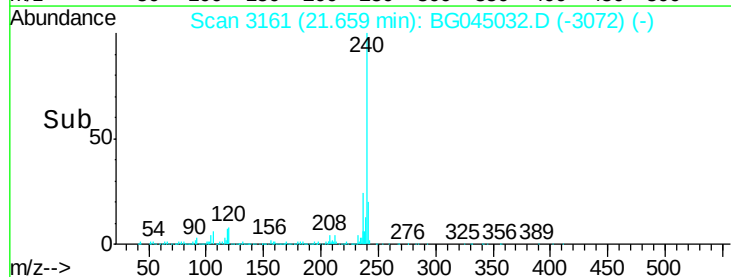
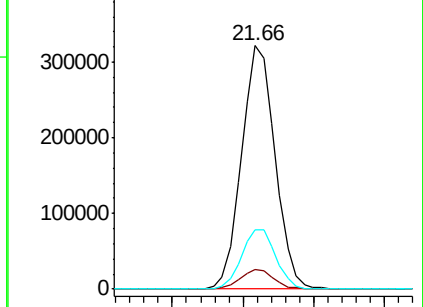
236 24.2 22.2 33.2

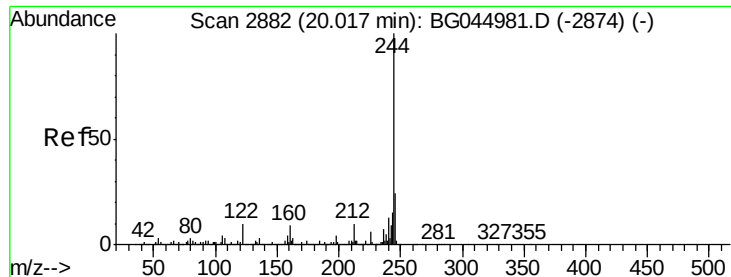


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.140 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

Instrument :

BNA_G

ClientSampleId :

TP-11-DA

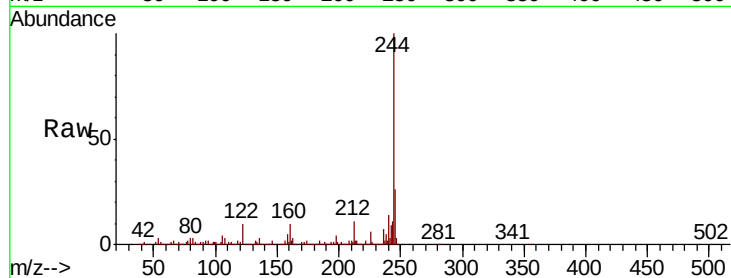
Tot Ion:244 Resp: 2554442

Ion Ratio Lower Upper

244 100

212 11.0 7.9 11.9

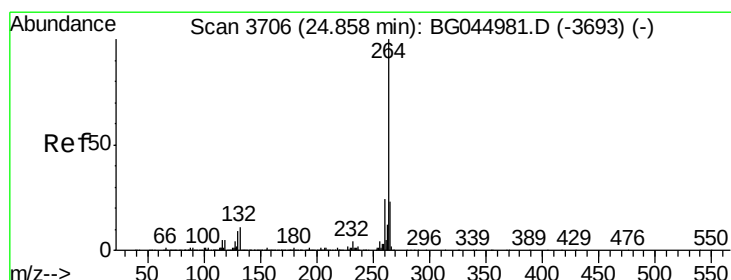
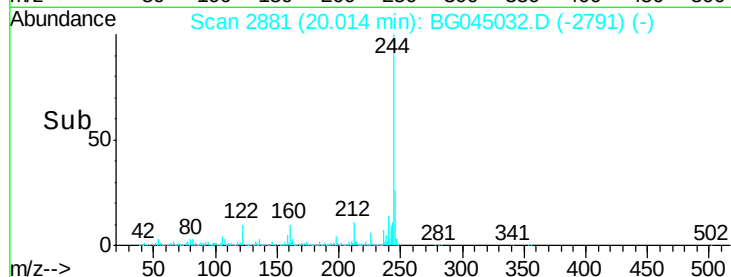
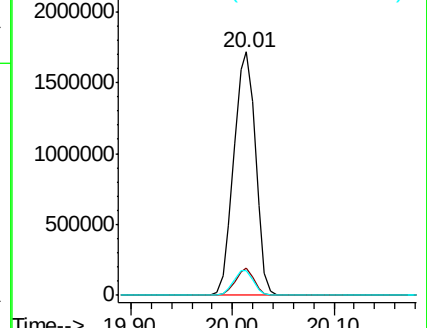
122 10.2 7.7 11.5



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# 3704

Delta R.T. -0.01 min

Lab File: BG045032.D

Acq: 17 Apr 2020 14:27

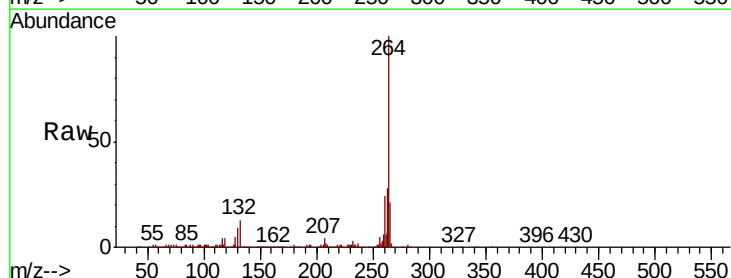
Tgt Ion:264 Resp: 387214

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.9 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

