

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045022.D
 Acq On : 17 Apr 2020 1:28
 Operator : CG/JU
 Sample : L2284-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SA

Quant Time: Apr 17 06:12:51 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	82088	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	371583	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	265537	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	525292	20.00	ng	0.00
76) Chrysene-d12	21.67	240	405863	20.00	ng	0.00
87) Perylene-d12	24.85	264	439015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	80131	16.12	ng	0.00
7) Phenol-d6	7.18	99	132649	17.96	ng	0.00
23) Nitrobenzene-d5	9.18	82	90971	11.17	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	63902	15.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	248033	13.70	ng	0.00
79) Terphenyl-d14	20.01	244	316203	16.98	ng	0.00

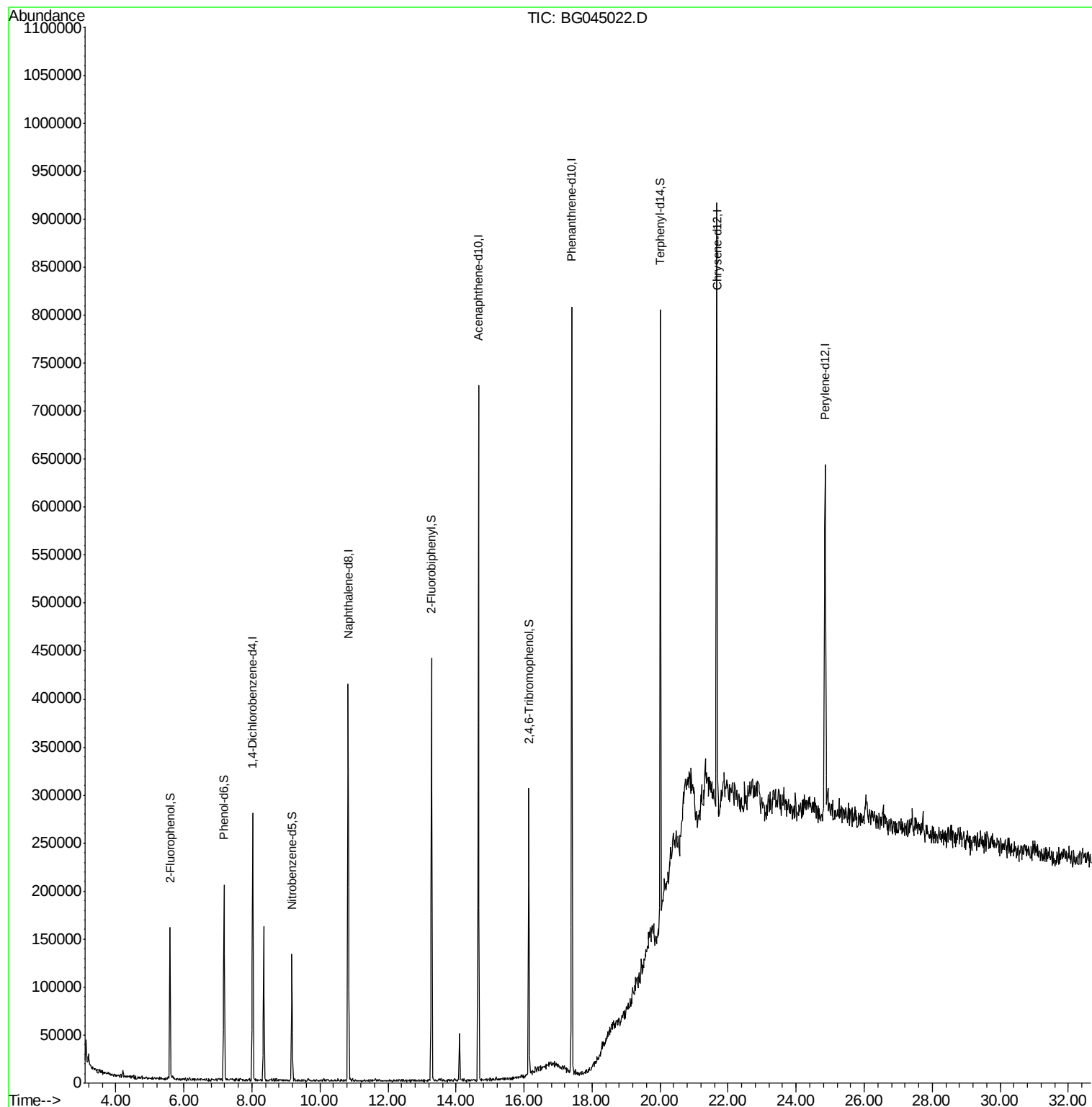
Target Compounds Qvalue

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

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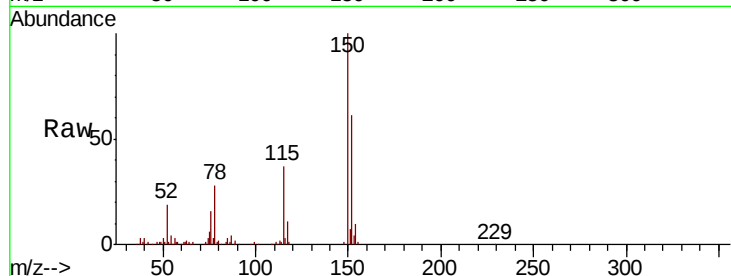


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.6	185.4
115	60.9	49.1	73.7

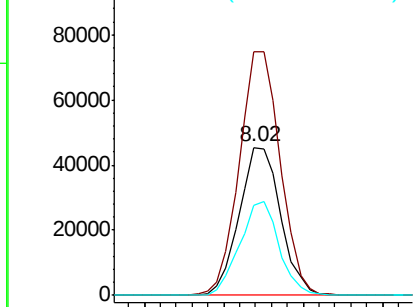


Abundance

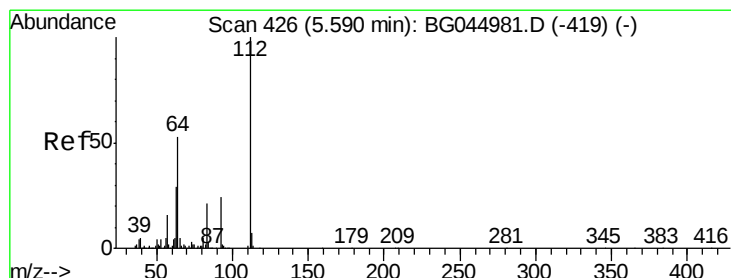
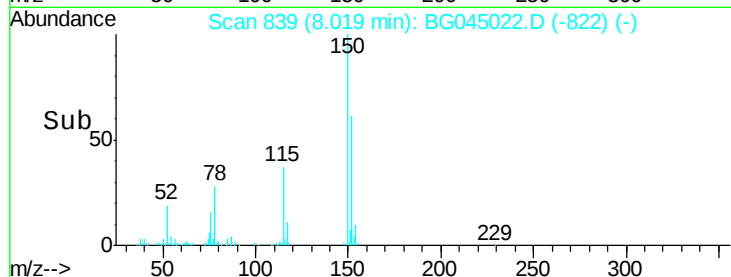
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



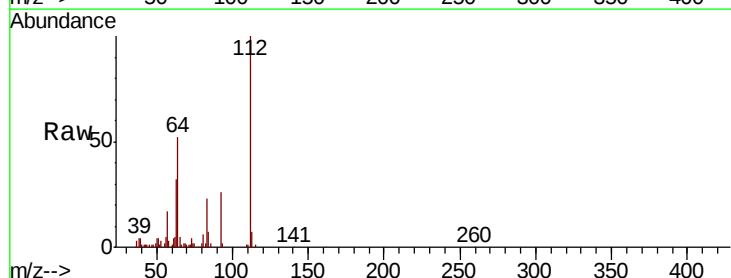
Time-->



#5

2-Fluorophenol
Concen: 16.116 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.4	63.6
63	32.1	23.1	34.7

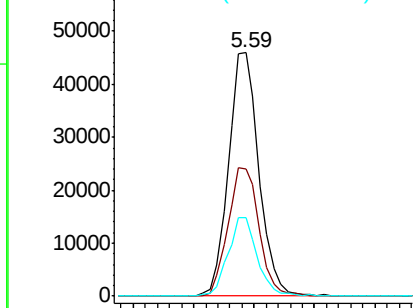


Abundance

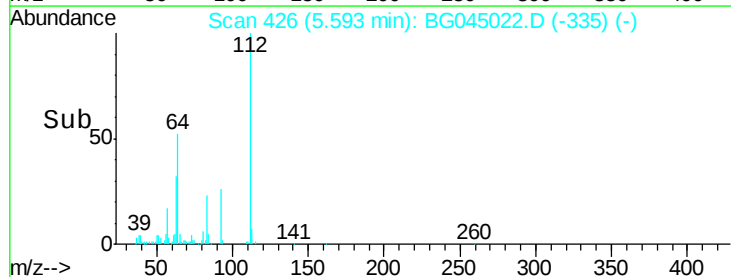
Ion 112.00 (111.70 to 112.70): E

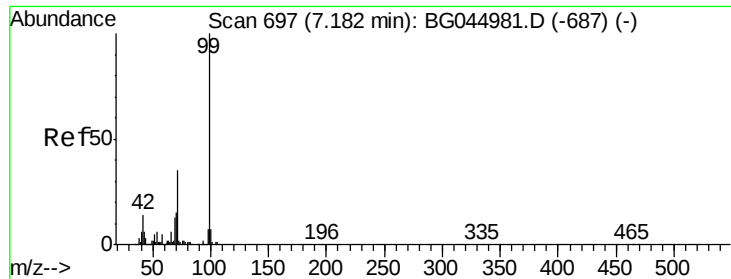
Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 17.956 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045022.D

Acq: 17 Apr 2020 1:28

Instrument :

BNA_G

ClientSampleId :

TP-11-SA

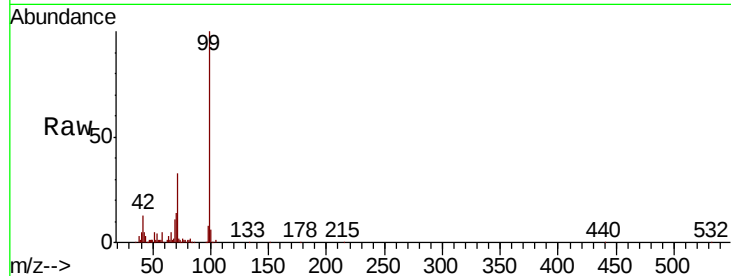
Tot Ion: 99 Resp: 132649

Ion Ratio Lower Upper

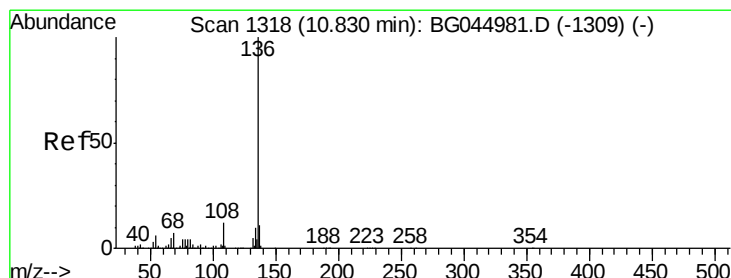
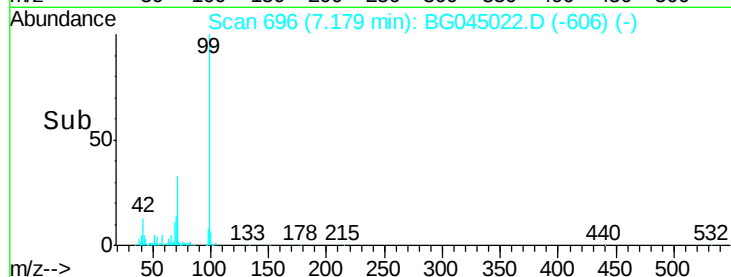
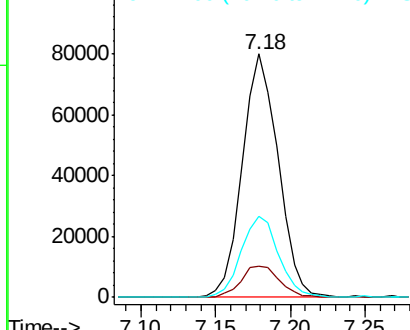
99 100

42 13.0 11.3 16.9

71 33.4 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. -0.00 min

Lab File: BG045022.D

Acq: 17 Apr 2020 1:28

Tgt Ion: 136 Resp: 371583

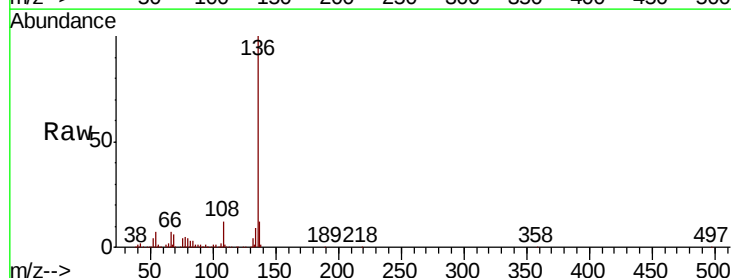
Ion Ratio Lower Upper

136 100

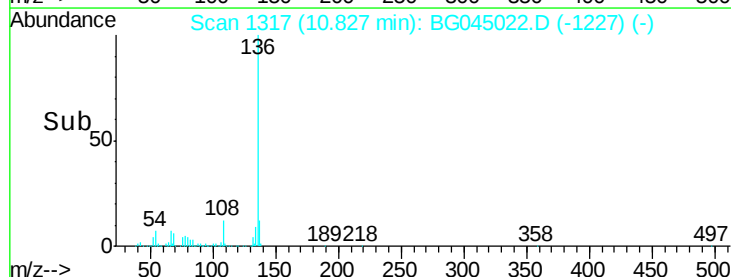
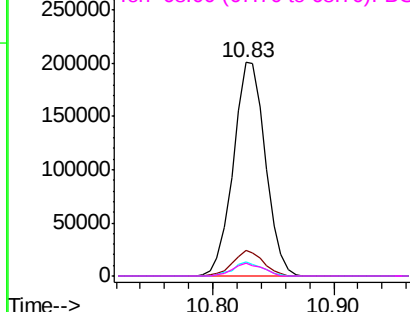
137 12.1 8.6 13.0

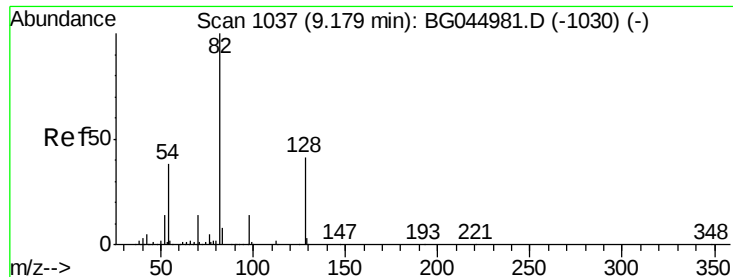
54 6.9 4.8 7.2

68 6.2 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

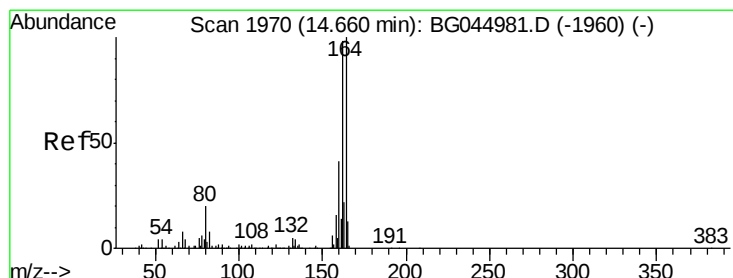
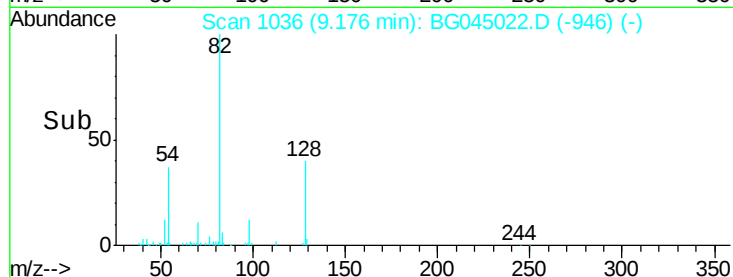
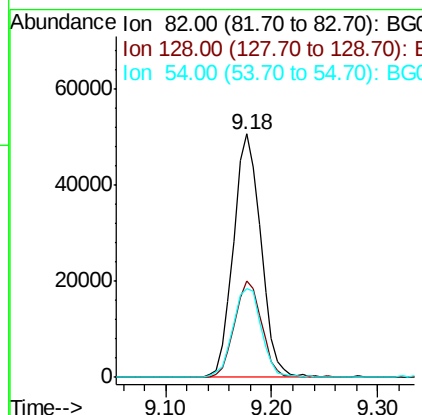
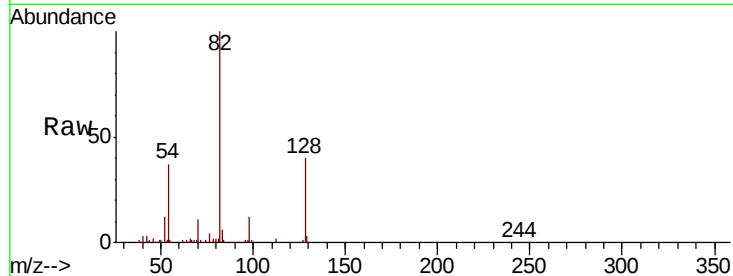




#23
Nitrobenzene-d5
Concen: 11.171 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

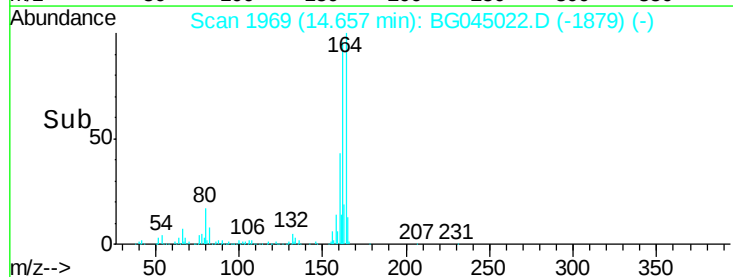
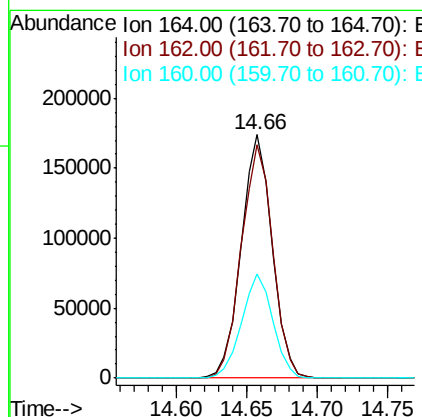
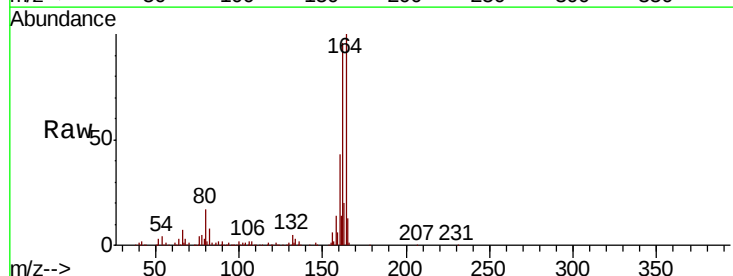
Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tot Ion	82	Resp	90971
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.0	49.4
54	36.6	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: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion	164	Resp	265537
Ion Ratio	Lower	Upper	
164	100		
162	95.8	78.7	118.1
160	42.6	32.8	49.2

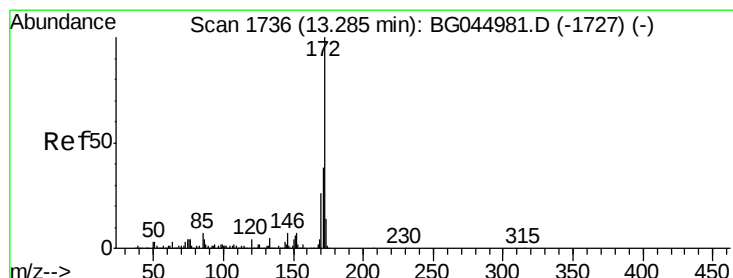
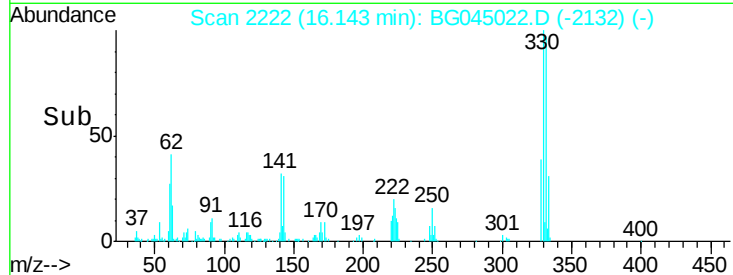
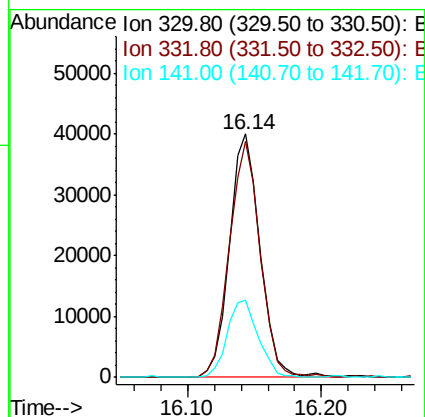
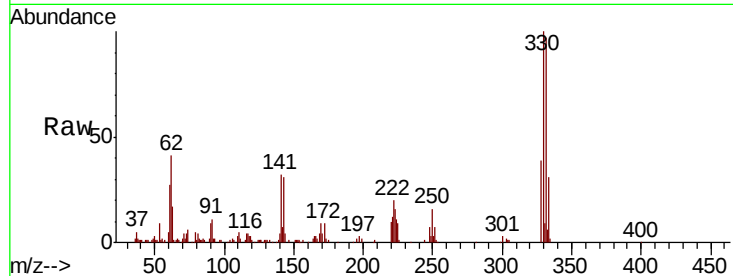




#42
 2,4,6-Tribromophenol
 Concen: 15.577 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045022.D
 Acq: 17 Apr 2020 1:28

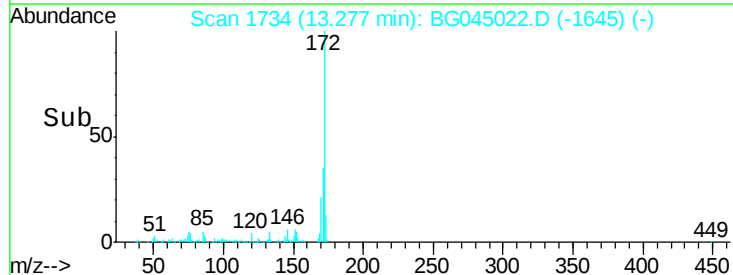
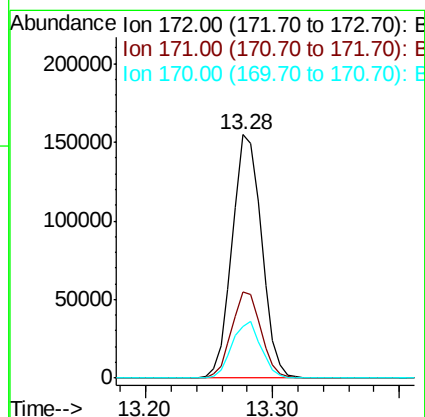
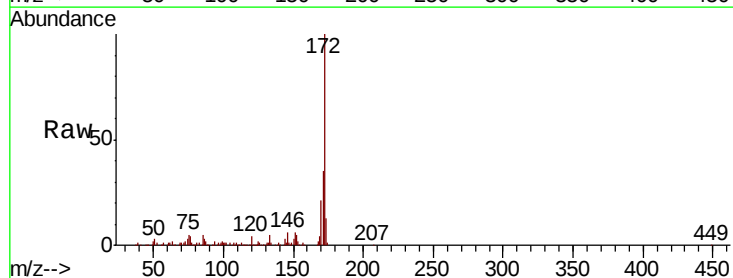
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SA

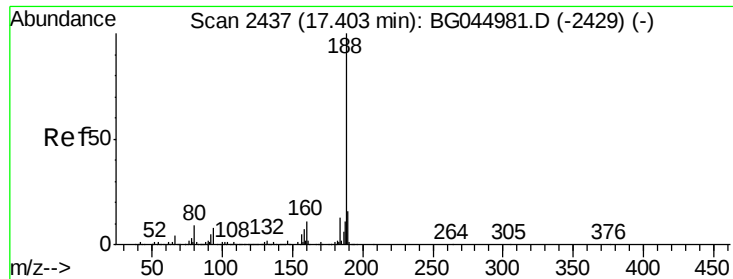
Tot Ion:330 Resp: 63902
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.1 118.7
 141 32.4 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 13.697 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045022.D
 Acq: 17 Apr 2020 1:28

Tgt Ion:172 Resp: 248033
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.6 46.0
 170 21.4 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045022.D

Acq: 17 Apr 2020 1:28

Instrument :

BNA_G

ClientSampleId :

TP-11-SA

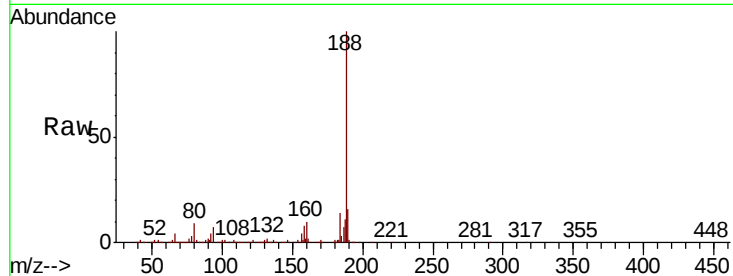
Tot Ion:188 Resp: 525292

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

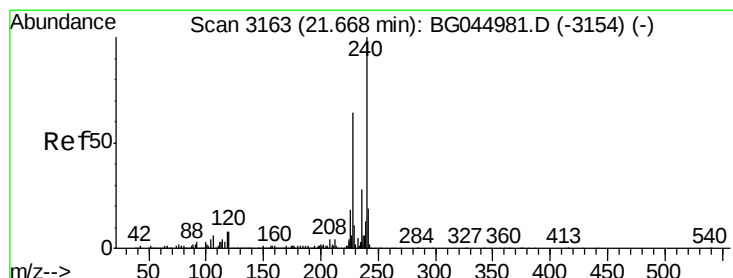
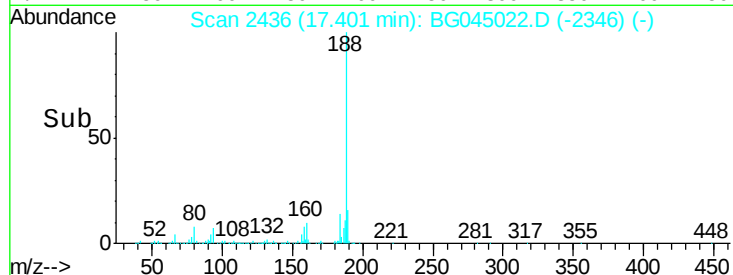
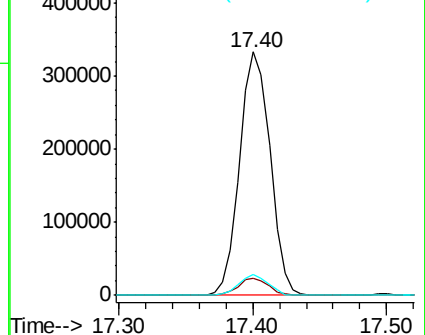
80 8.6 7.0 10.6



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# 3162

Delta R.T. -0.00 min

Lab File: BG045022.D

Acq: 17 Apr 2020 1:28

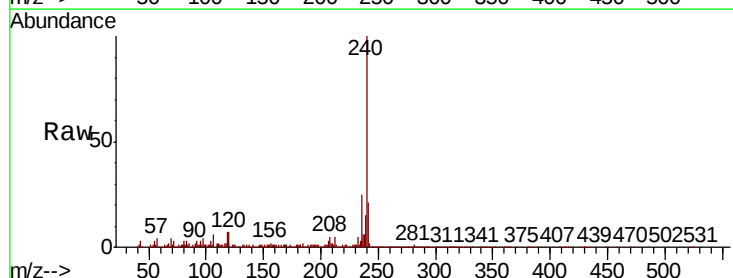
Tgt Ion:240 Resp: 405863

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

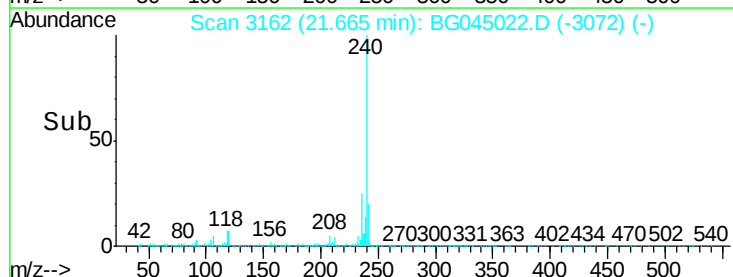
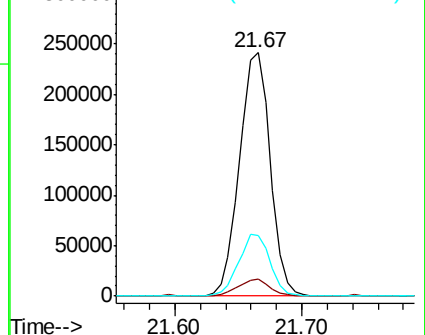
236 24.8 22.2 33.2

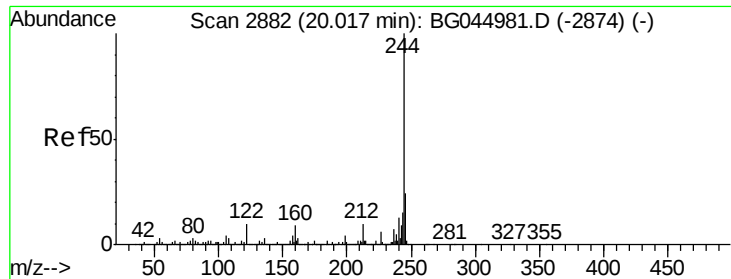


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 16.981 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045022.D

Acq: 17 Apr 2020 1:28

Instrument :

BNA_G

ClientSampleId :

TP-11-SA

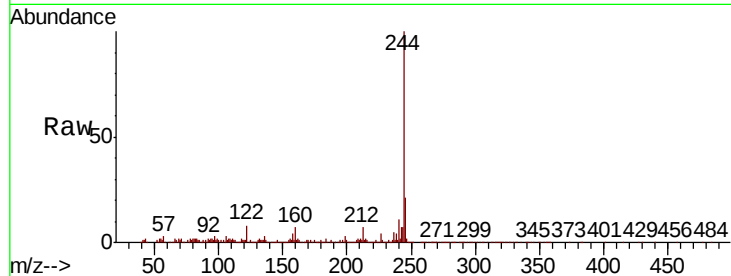
Tot Ion:244 Resp: 316203

Ion Ratio Lower Upper

244 100

212 7.0 7.9 11.9#

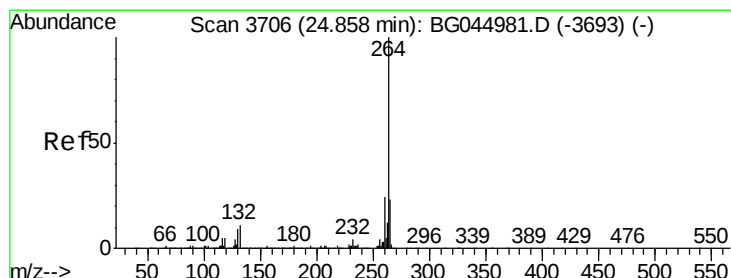
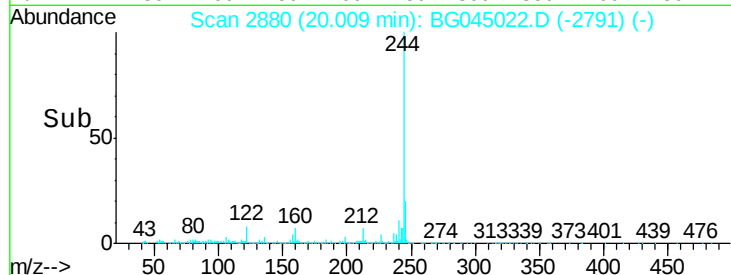
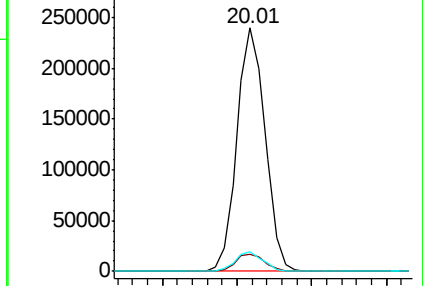
122 8.2 7.7 11.5



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: BG045022.D

Acq: 17 Apr 2020 1:28

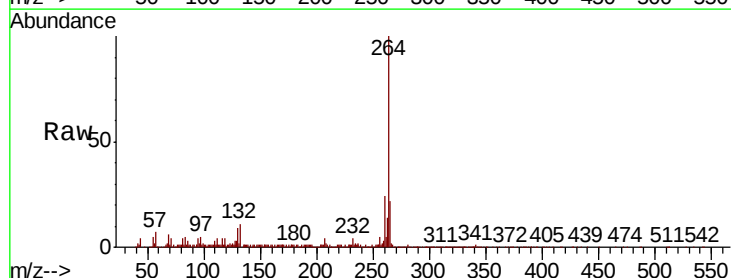
Tgt Ion:264 Resp: 439015

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.0 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

