

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045020.D
 Acq On : 17 Apr 2020 00:09
 Operator : CG/JU
 Sample : L2123-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

Quant Time: Apr 17 06:02:20 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	74875	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	342547	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	248335	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	485039	20.00	ng	0.00
76) Chrysene-d12	21.66	240	365859	20.00	ng	0.00
87) Perylene-d12	24.85	264	414093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	101855	22.46	ng	0.00
7) Phenol-d6	7.18	99	160409	23.81	ng	0.00
23) Nitrobenzene-d5	9.18	82	107848	14.37	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	77290	20.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	290400	17.15	ng	0.00
79) Terphenyl-d14	20.01	244	333660	19.88	ng	0.00

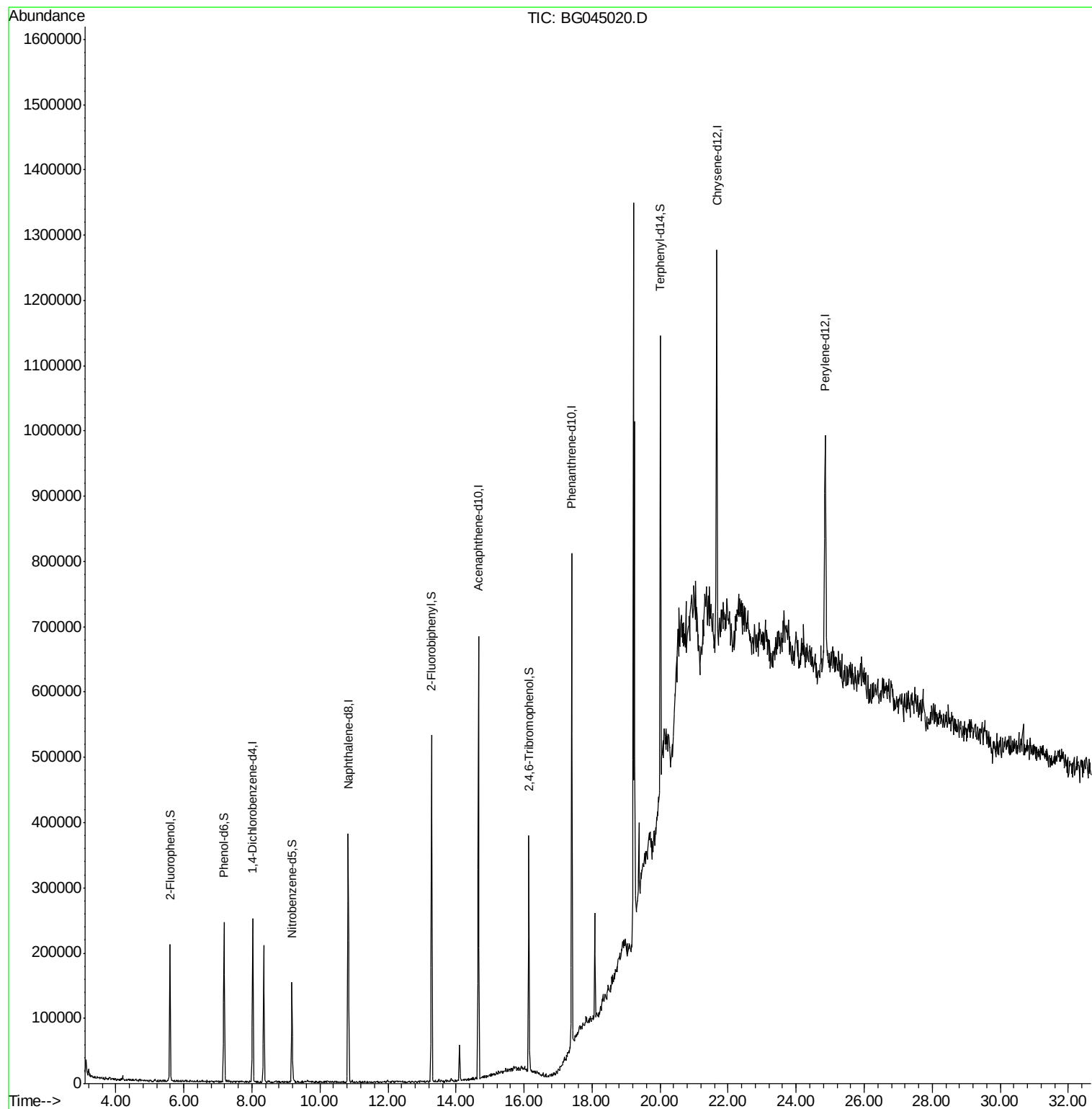
Target Compounds Qvalue

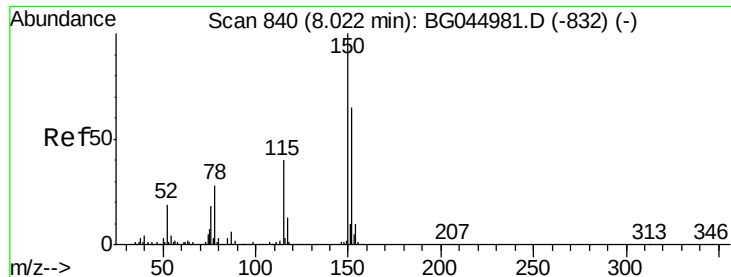
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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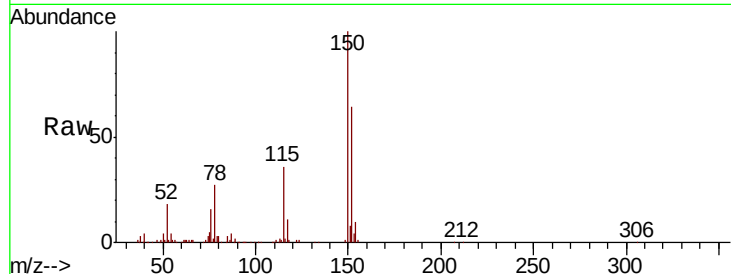


#1

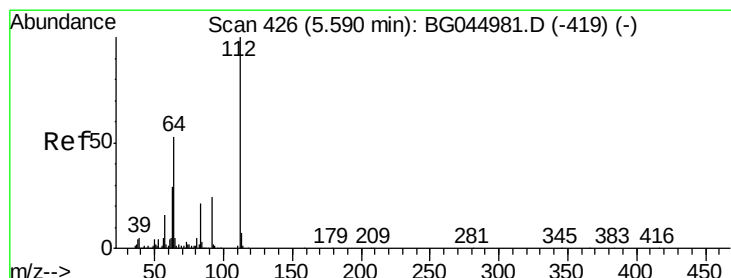
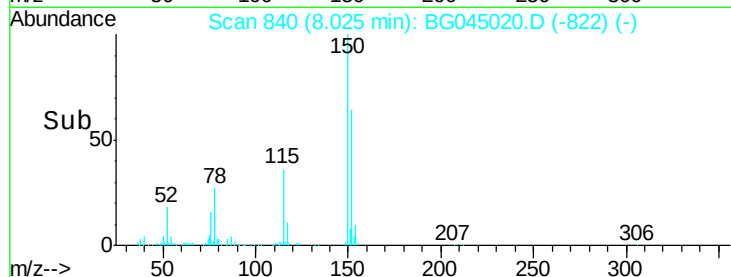
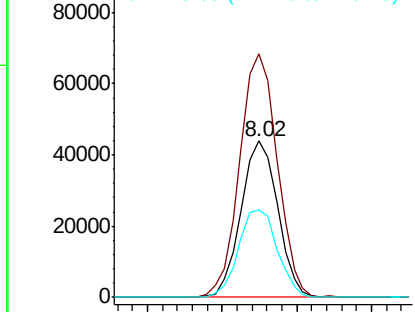
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tot Ion:152 Resp: 74875
Ion Ratio Lower Upper
152 100
150 155.7 123.6 185.4
115 56.3 49.1 73.7



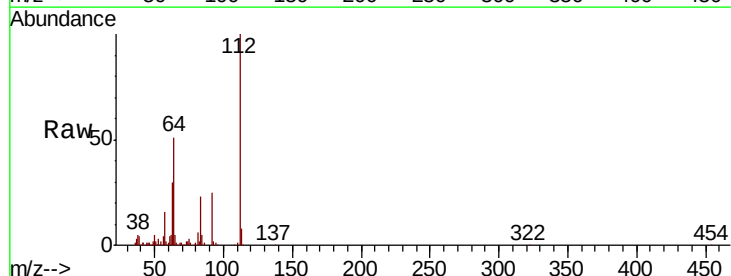
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



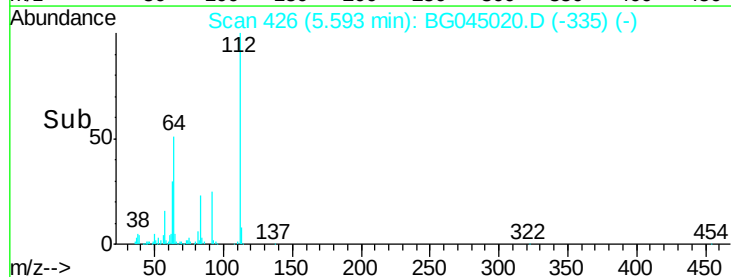
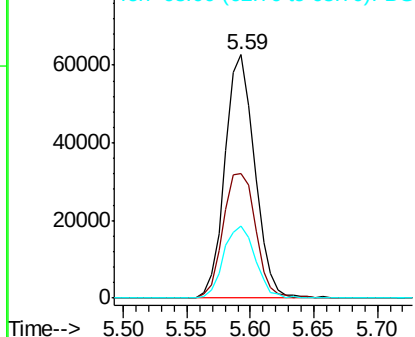
#5

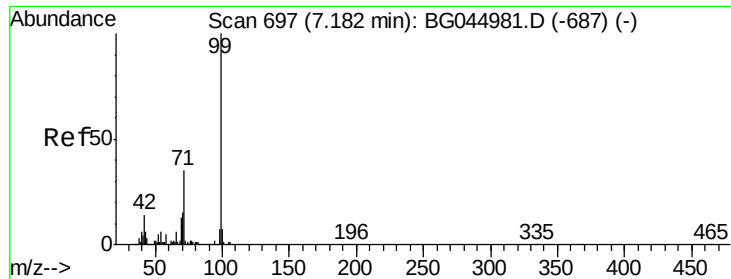
2-Fluorophenol
Concen: 22.458 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Tgt Ion:112 Resp: 101855
Ion Ratio Lower Upper
112 100
64 51.0 42.4 63.6
63 29.6 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: 23.806 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

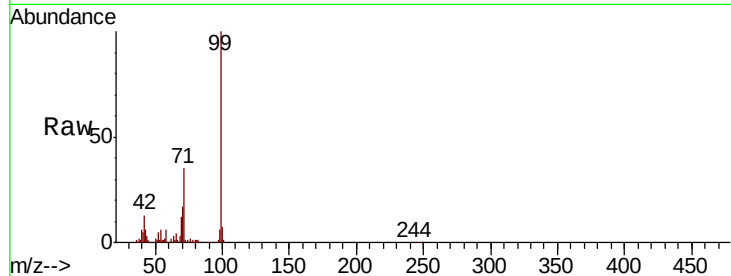
Tot Ion: 99 Resp: 160409

Ion Ratio Lower Upper

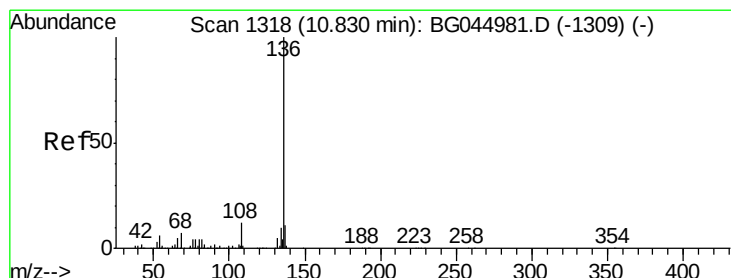
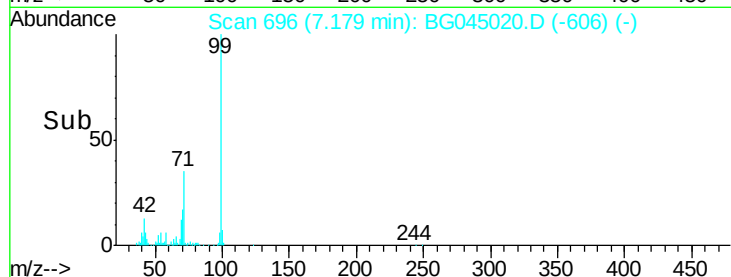
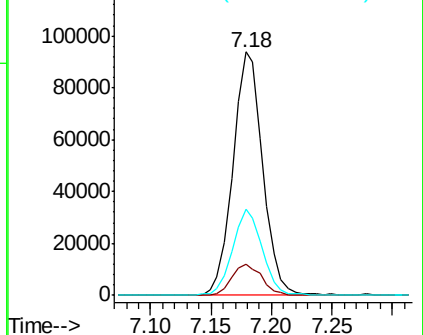
99 100

42 12.9 11.3 16.9

71 35.5 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: BG045020.D

Acq: 17 Apr 2020 00:09

Tgt Ion: 136 Resp: 342547

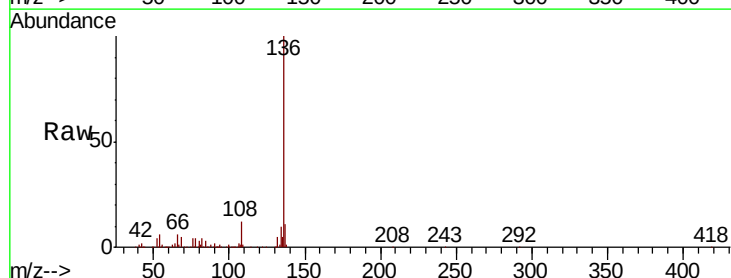
Ion Ratio Lower Upper

136 100

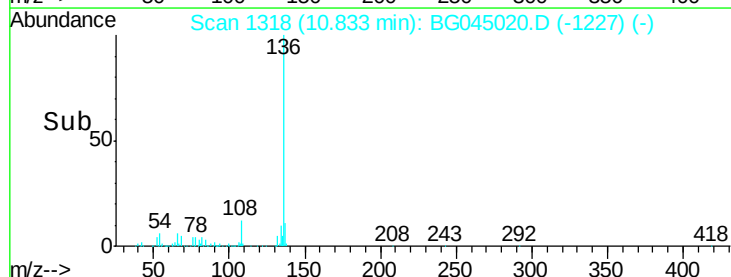
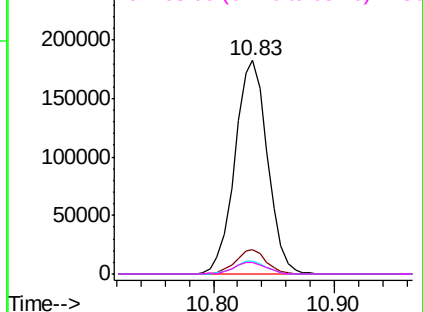
137 11.4 8.6 13.0

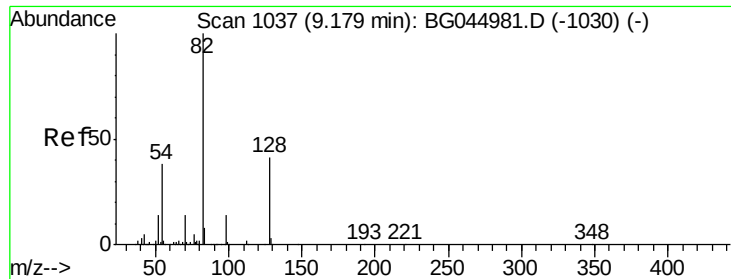
54 6.0 4.8 7.2

68 5.1 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

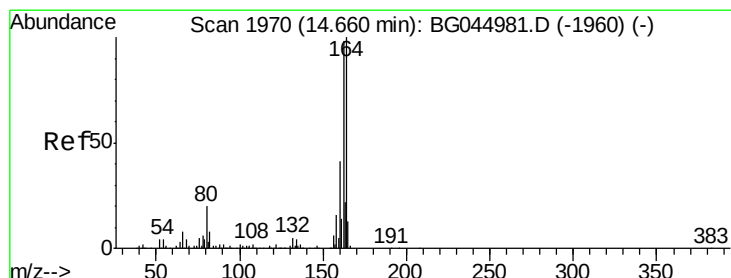
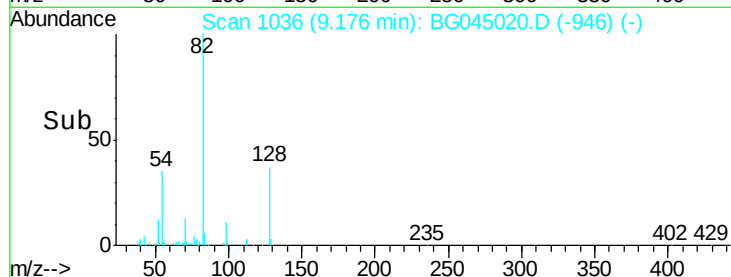
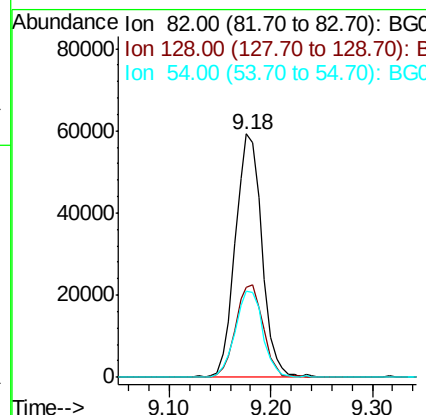
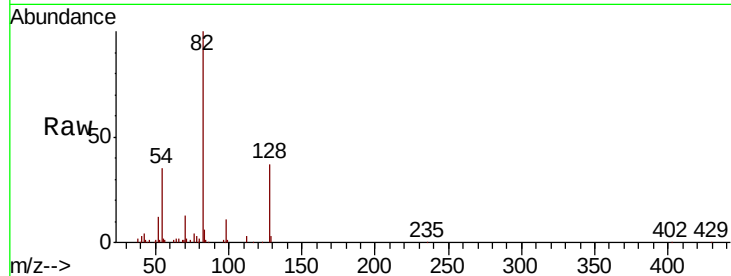




#23
 Nitrobenzene-d5
 Concen: 14.366 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045020.D
 Acq: 17 Apr 2020 00:09

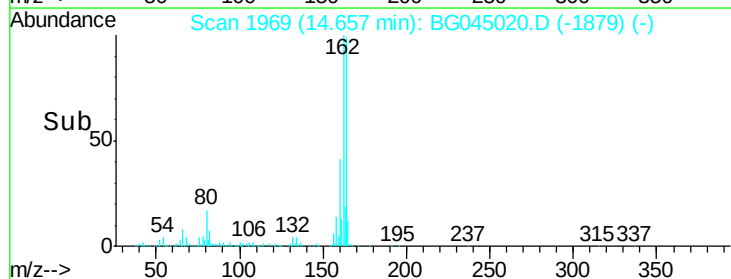
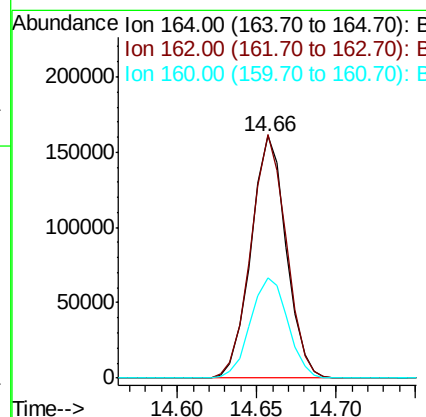
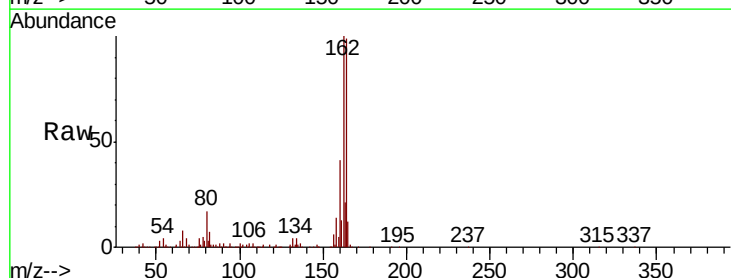
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

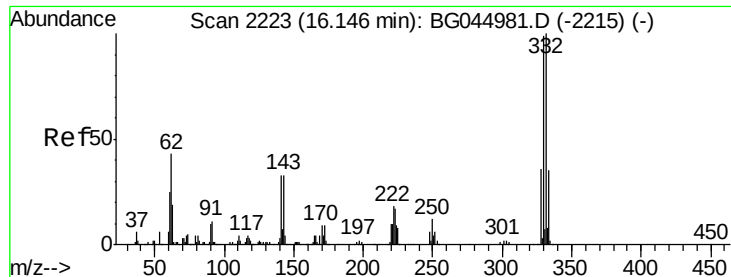
Tot Ion	82	Resp	107848
Ion Ratio	Lower	Upper	
82	100		
128	36.9	33.0	49.4
54	35.4	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045020.D
 Acq: 17 Apr 2020 00:09

Tgt Ion	164	Resp	248335
Ion Ratio	Lower	Upper	
164	100		
162	100.5	78.7	118.1
160	41.2	32.8	49.2

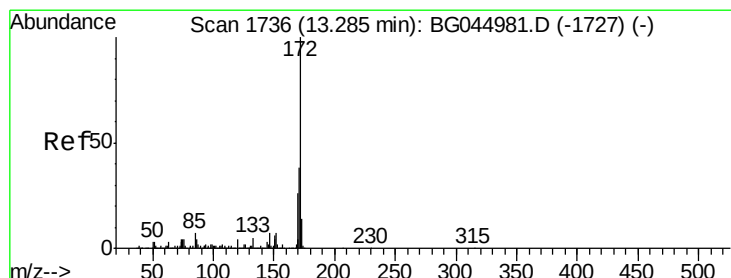
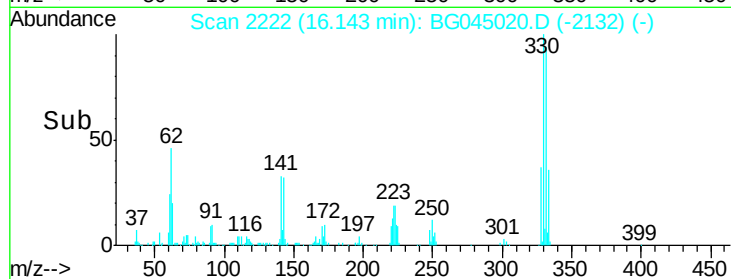
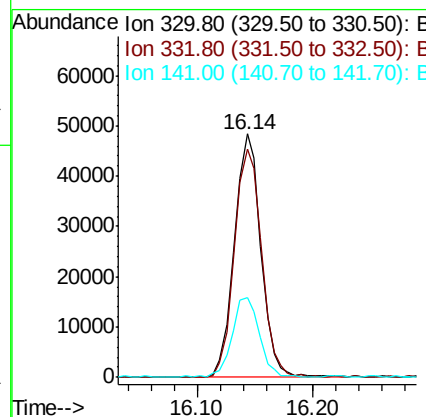
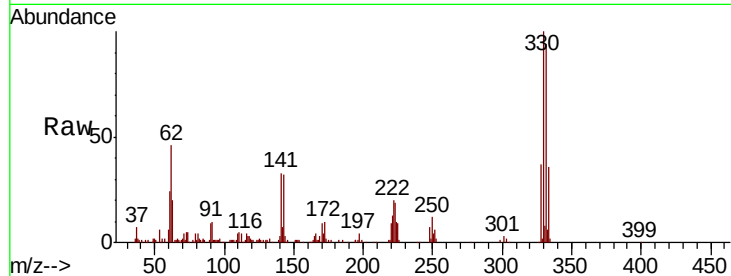




#42
 2,4,6-Tribromophenol
 Concen: 20.146 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045020.D
 Acq: 17 Apr 2020 00:09

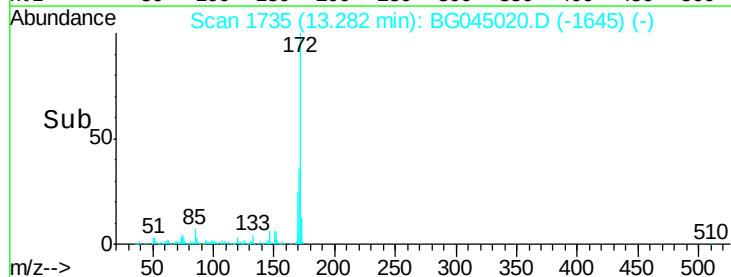
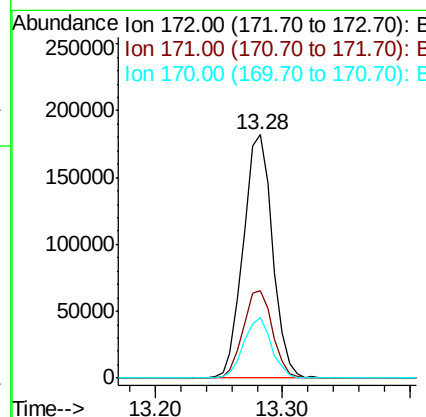
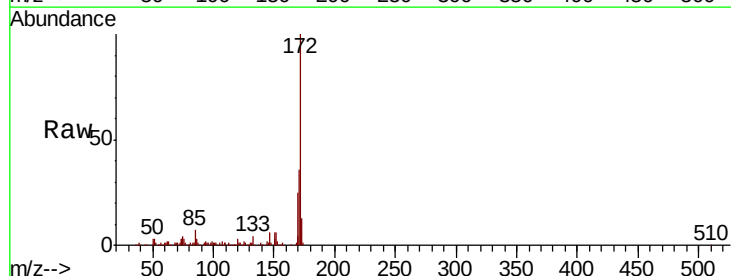
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

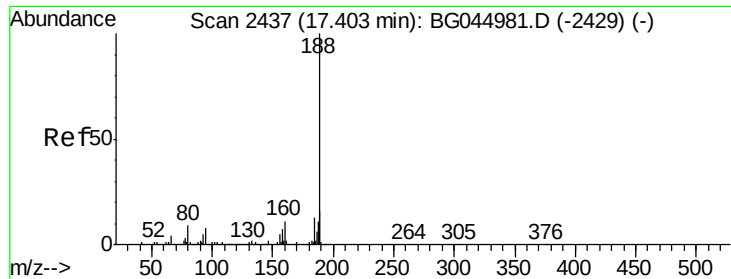
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	33.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 17.147 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045020.D
 Acq: 17 Apr 2020 00:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	46.0
170	25.0	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: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

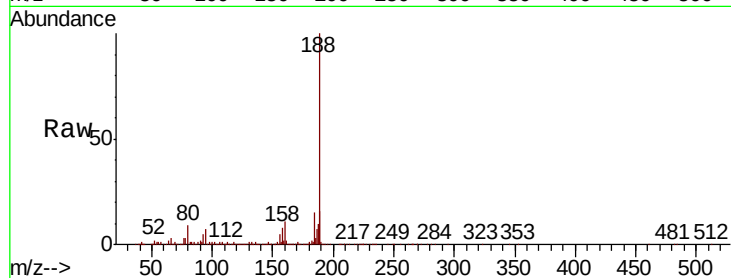
Tot Ion:188 Resp: 485039

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

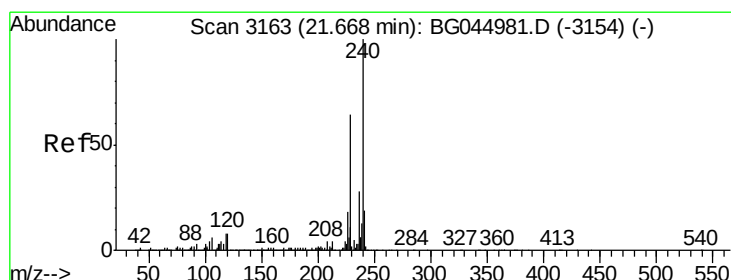
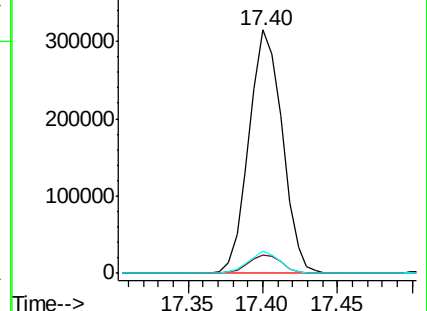
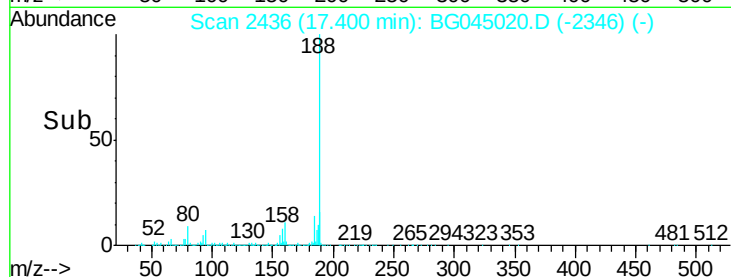
80 9.3 7.0 10.6



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# 3162

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

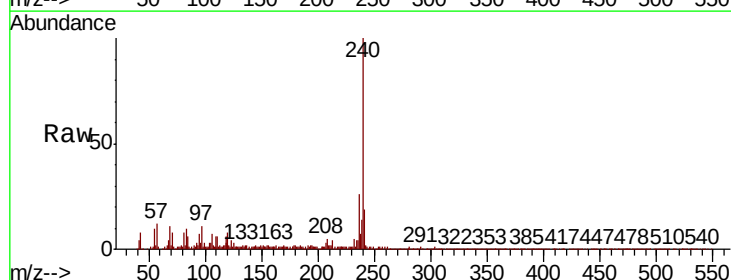
Tgt Ion:240 Resp: 365859

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

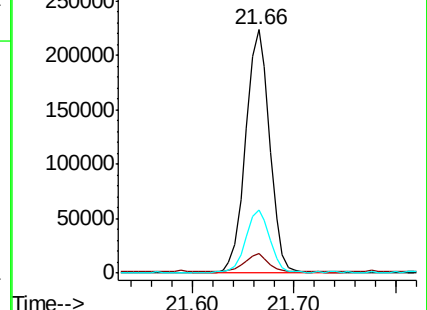
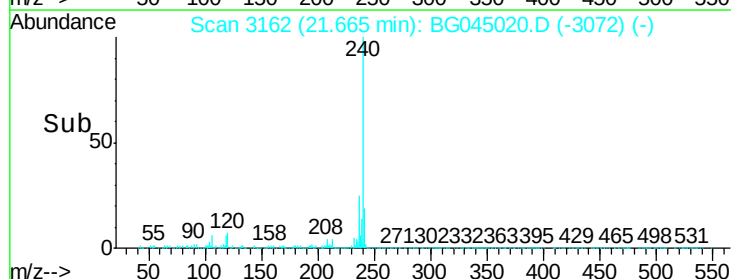
236 25.8 22.2 33.2

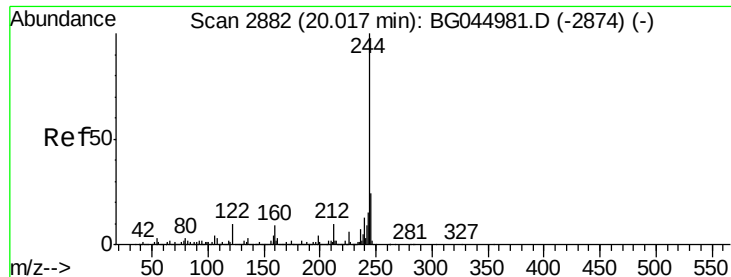


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 19.877 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

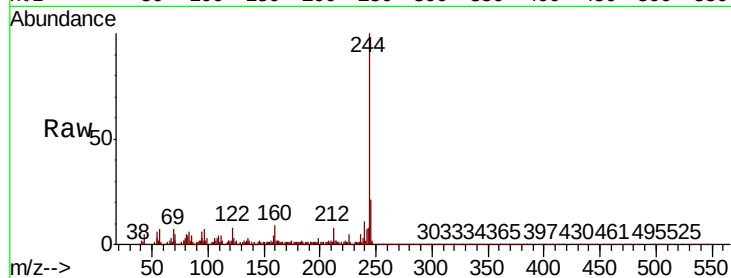
Tot Ion:244 Resp: 333660

Ion Ratio Lower Upper

244 100

212 7.8 7.9 11.9#

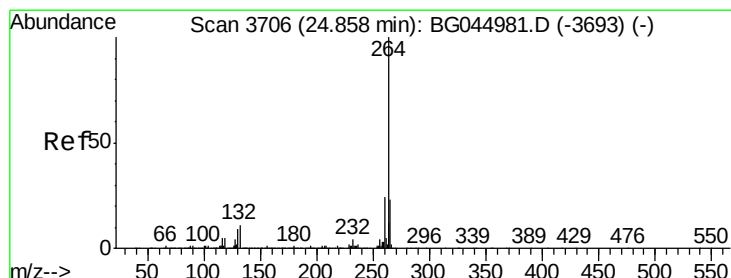
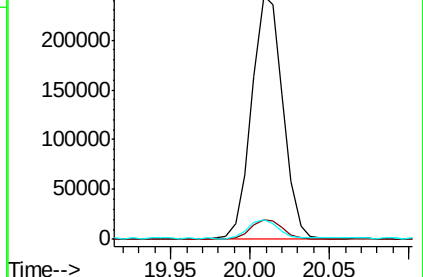
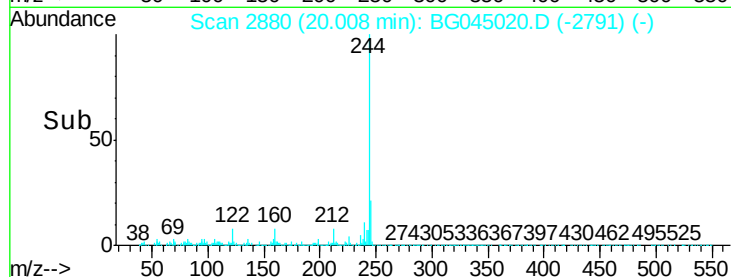
122 8.1 7.7 11.5



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. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

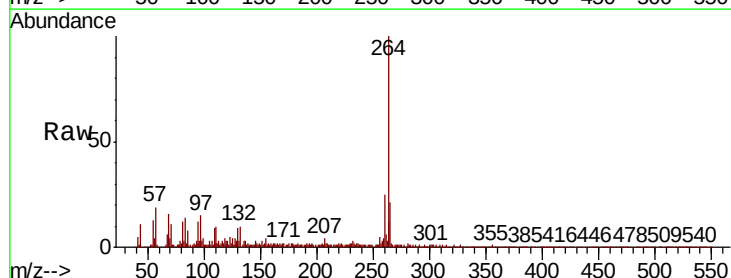
Tgt Ion:264 Resp: 414093

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.1 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

