

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045989.D
 Acq On : 9 Jul 2020 10:24
 Operator : CG/JU
 Sample : PB129999BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129999BL

Quant Time: Jul 09 11:26:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	147992	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	592402	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	351512	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	720753	20.00	ng	0.00
76) Chrysene-d12	21.63	240	661181	20.00	ng	0.00
86) Perylene-d12	24.78	264	657092	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1117237	122.42	ng	0.00
7) Phenol-d6	7.16	99	1539489	117.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	1033091	100.38	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	415310	127.30	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1972380	87.52	ng	0.00
79) Terphenyl-d14	19.99	244	2588017	87.11	ng	0.00

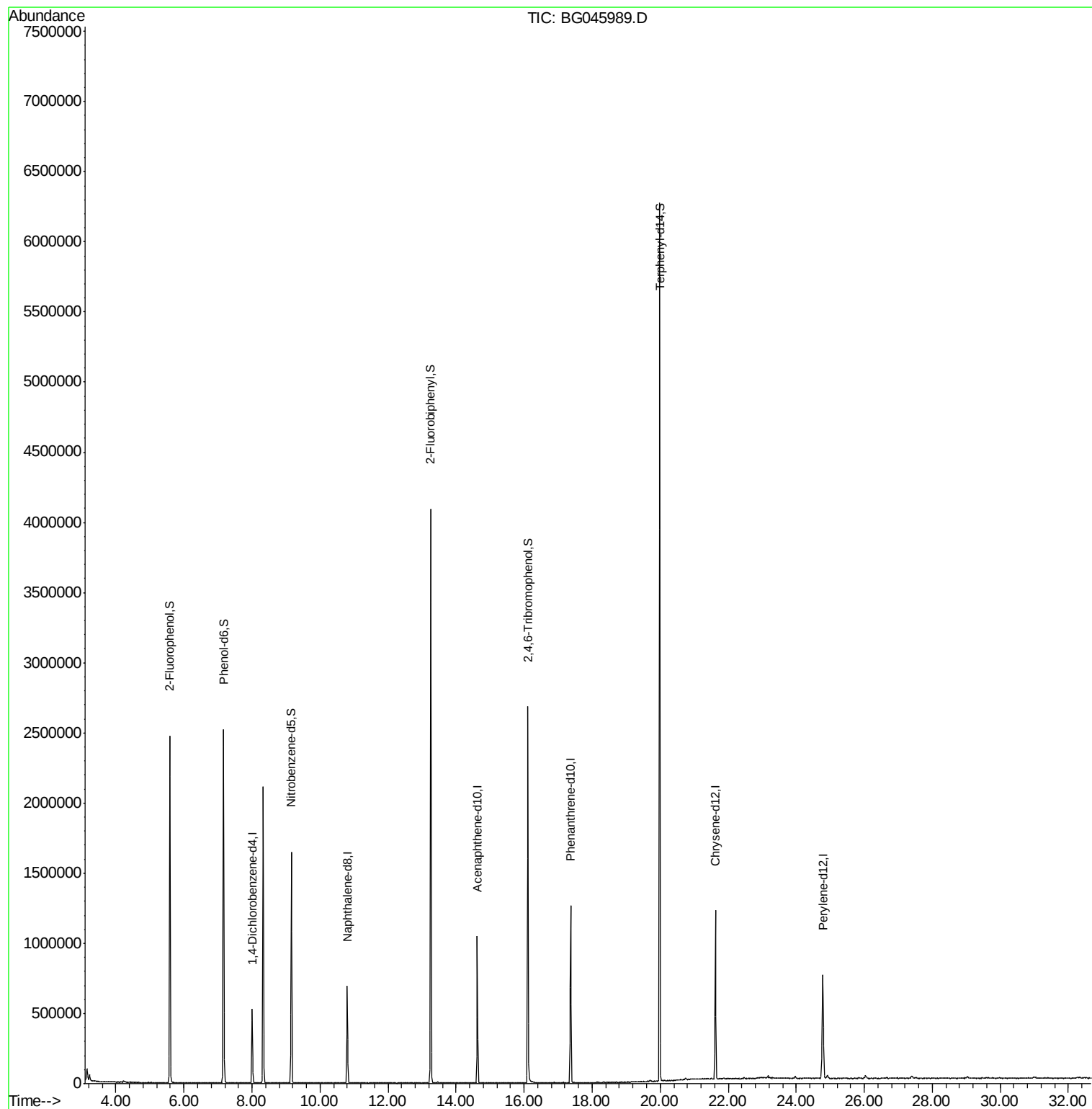
Target Compounds Qvalue

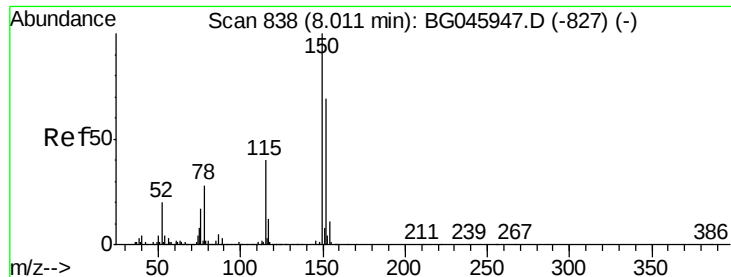
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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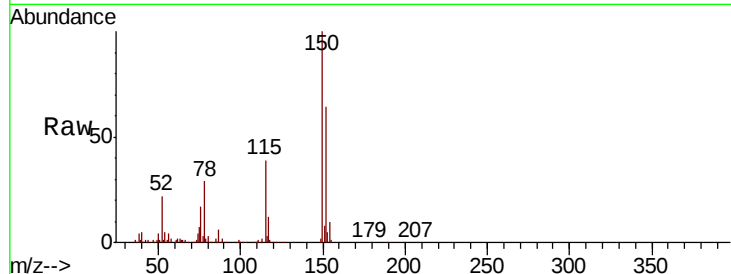


#1

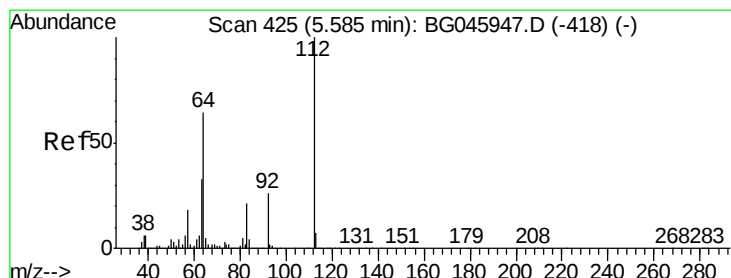
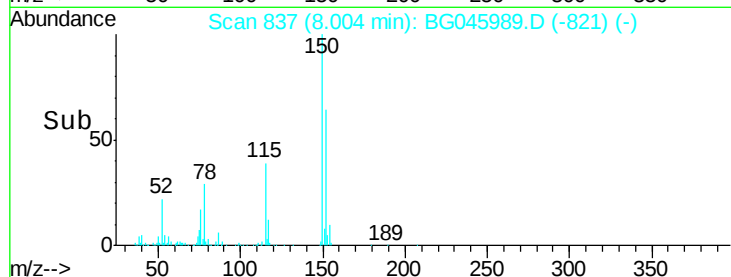
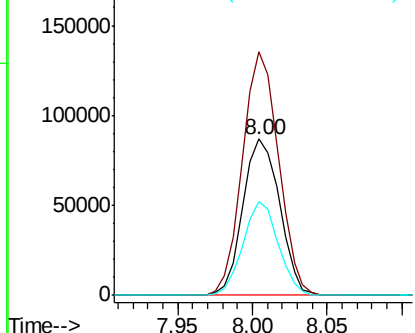
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045989.D
Acq: 9 Jul 2020 10:24

Instrument :
BNA_G
ClientSampleId :
PB129999BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	116.7	175.1
115	60.1	47.4	71.0



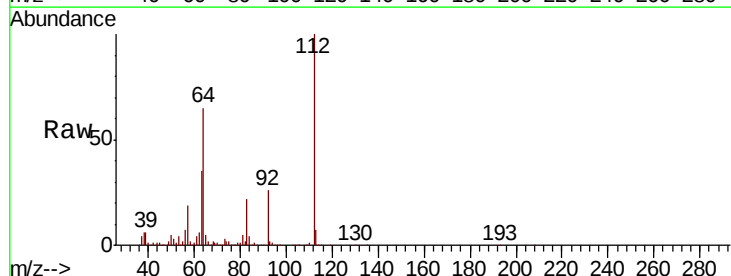
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



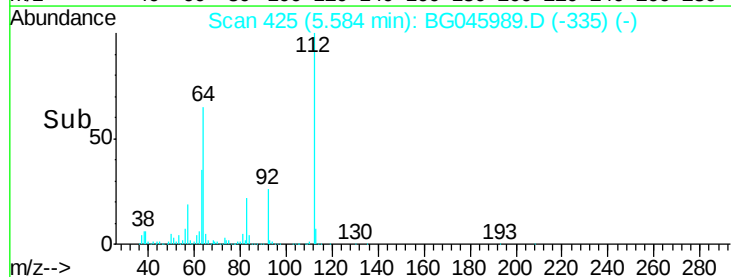
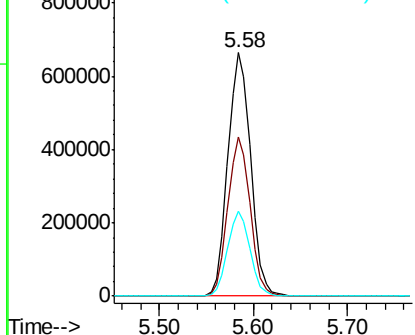
#5

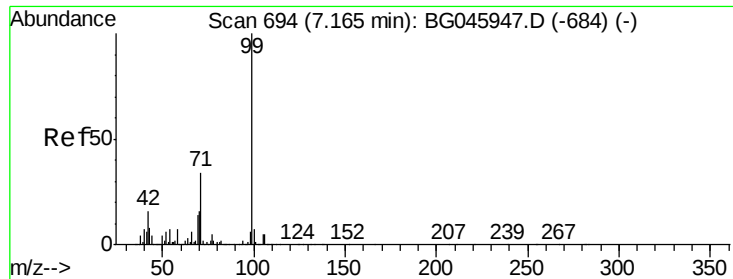
2-Fluorophenol
Concen: 122.425 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG045989.D
Acq: 9 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	51.4	77.2
63	34.9	26.6	40.0



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





#7

Phenol-d6

Concen: 117.172 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045989.D

Acq: 9 Jul 2020 10:24

Instrument :

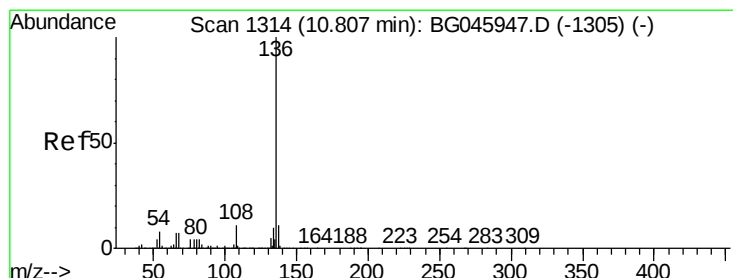
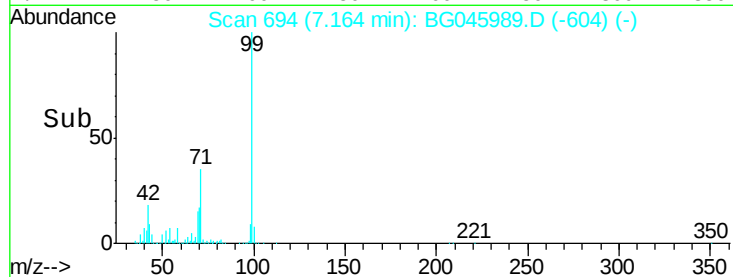
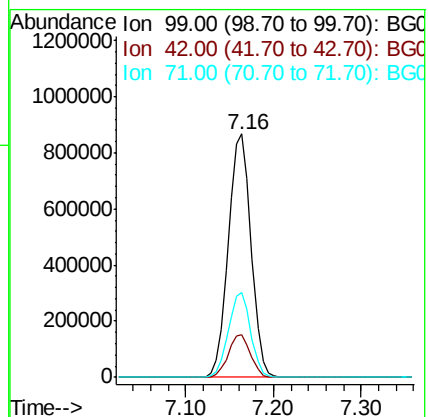
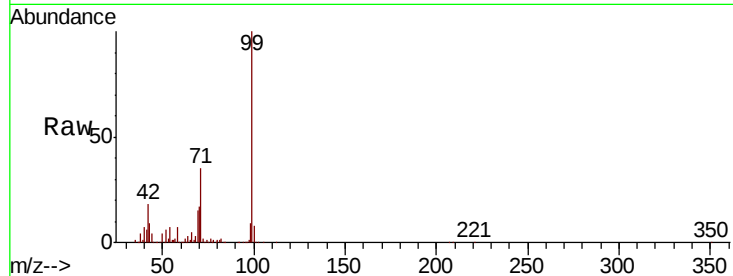
BNA_G

ClientSampleId :

PB129999BL

Tot Ion: 99 Resp: 1539489

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.0	19.4
71	35.0	27.5	41.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

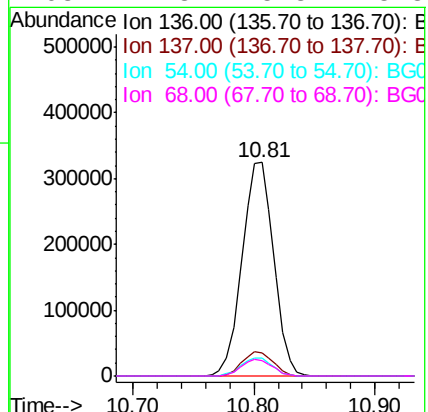
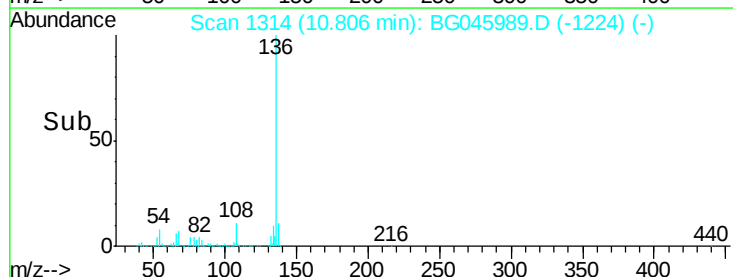
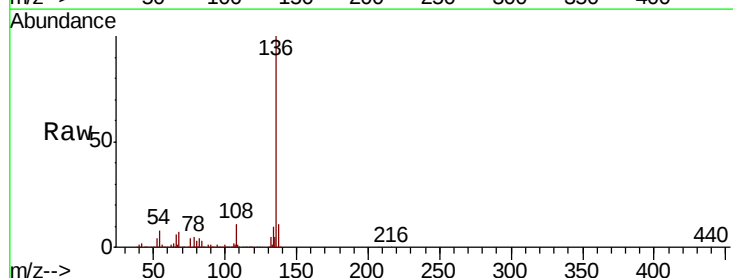
Delta R.T. -0.00 min

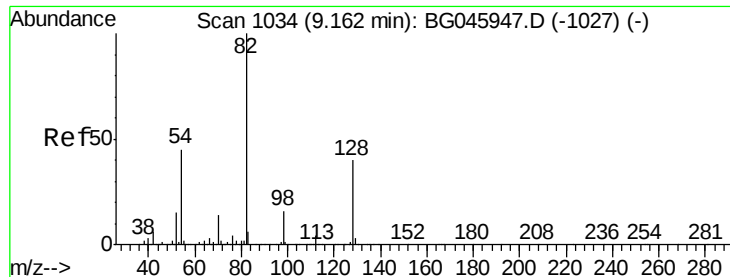
Lab File: BG045989.D

Acq: 9 Jul 2020 10:24

Tgt Ion: 136 Resp: 592402

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.4	6.2	9.4
68	7.3	5.8	8.8

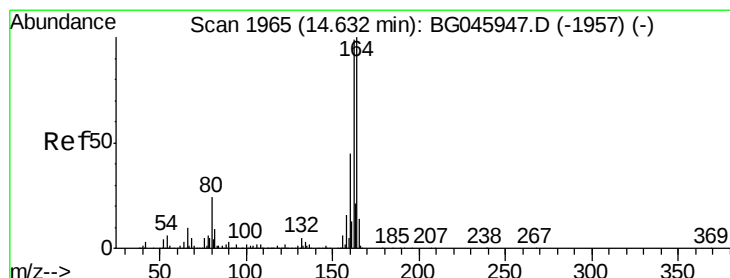
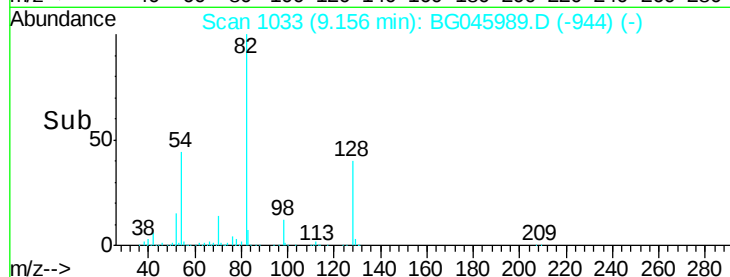
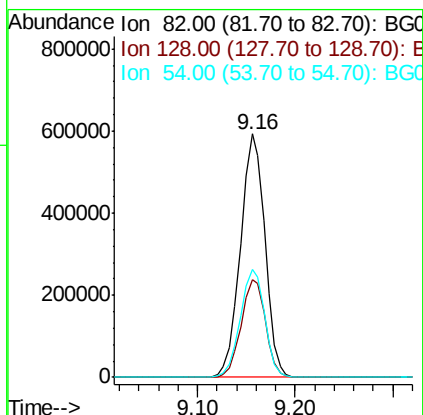
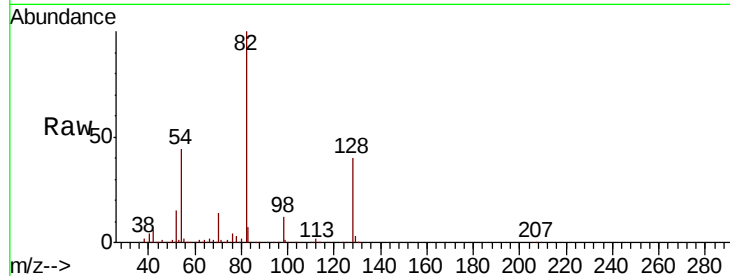




#23
Nitrobenzene-d5
Concen: 100.375 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045989.D
Acq: 9 Jul 2020 10:24

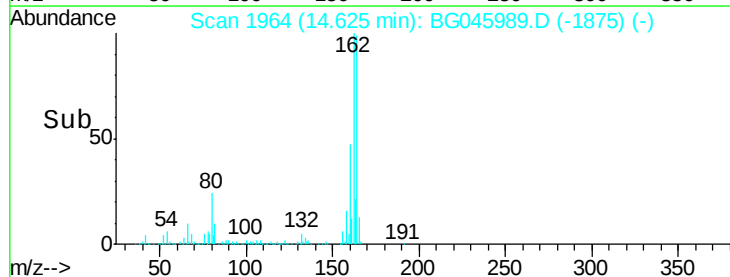
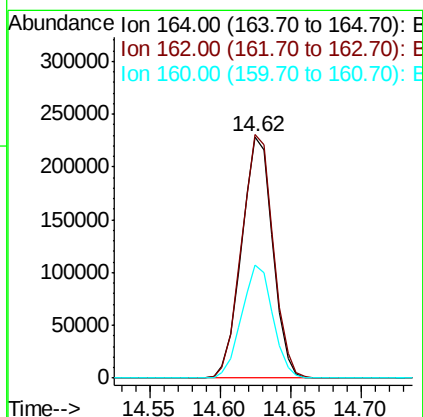
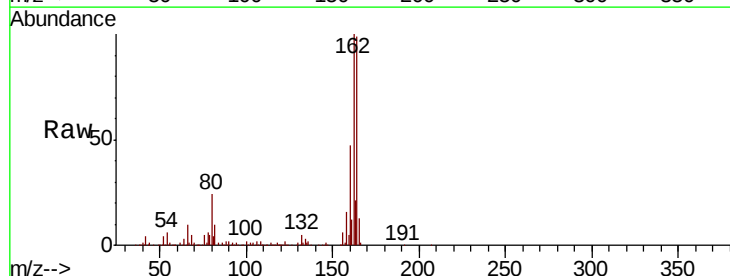
Instrument :
BNA_G
ClientSampleId :
PB129999BL

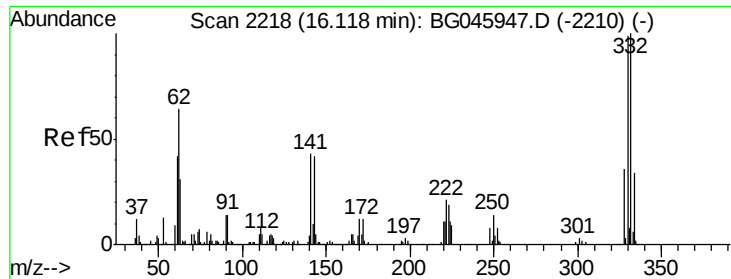
Tot Ion: 82 Resp: 1033091
Ion Ratio Lower Upper
82 100
128 40.0 32.2 48.4
54 44.5 35.8 53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045989.D
Acq: 9 Jul 2020 10:24

Tgt Ion:164 Resp: 351512
Ion Ratio Lower Upper
164 100
162 101.0 79.3 118.9
160 47.1 35.7 53.5

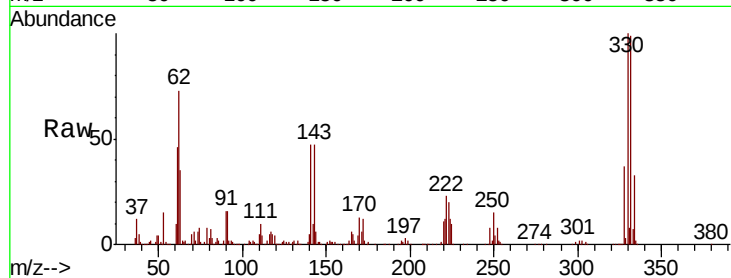




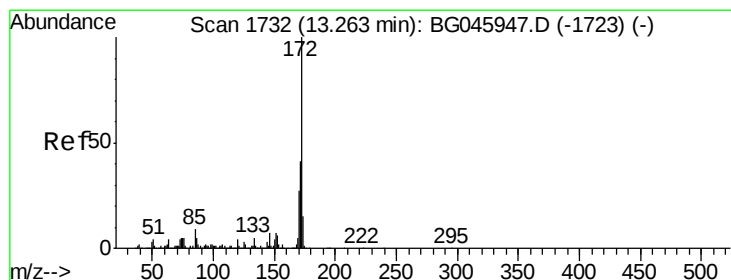
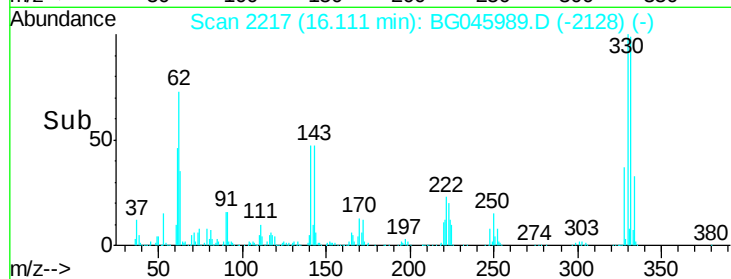
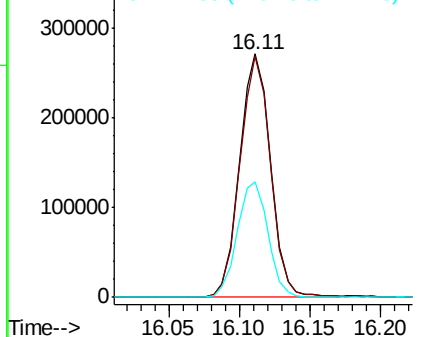
#42
 2,4,6-Tribromophenol
 Concen: 127.302 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045989.D
 Acq: 9 Jul 2020 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB129999BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.3	117.5
141	47.6	36.6	54.8

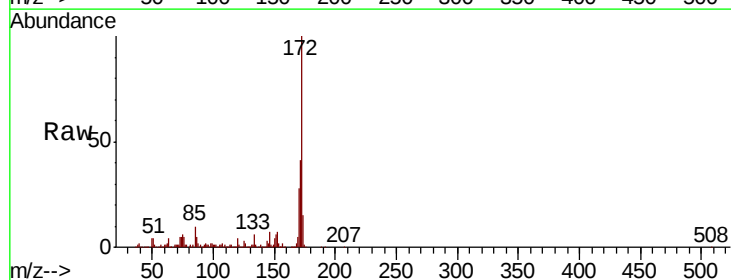


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

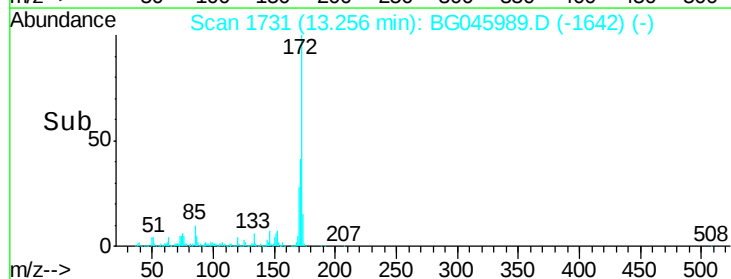
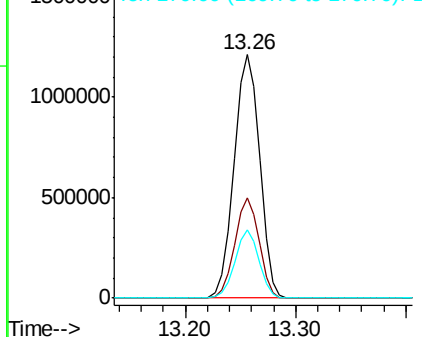


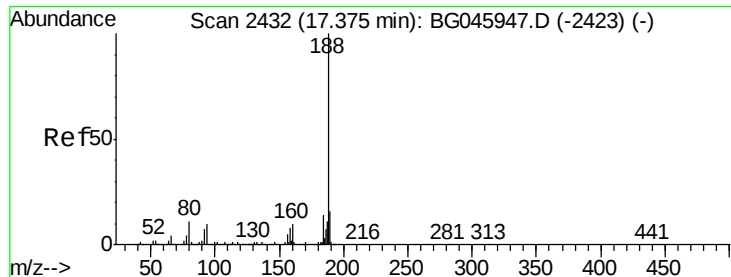
#45
 2-Fluorobiphenyl
 Concen: 87.524 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG045989.D
 Acq: 9 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	32.9	49.3
170	27.8	21.8	32.6



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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045989.D

Acq: 9 Jul 2020 10:24

Instrument :

BNA_G

ClientSampleId :

PB129999BL

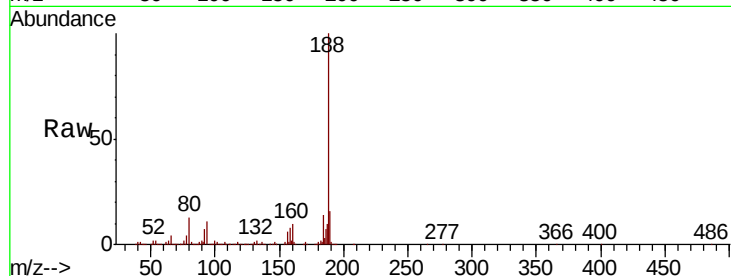
Tot Ion:188 Resp: 720753

Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.4

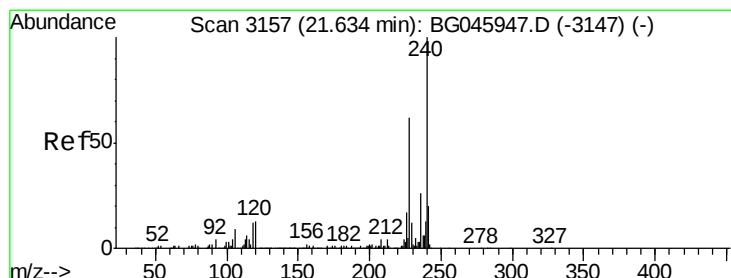
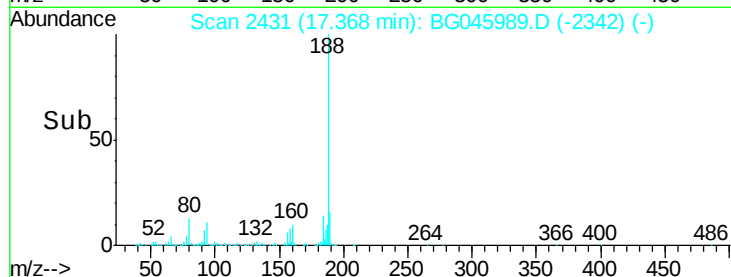
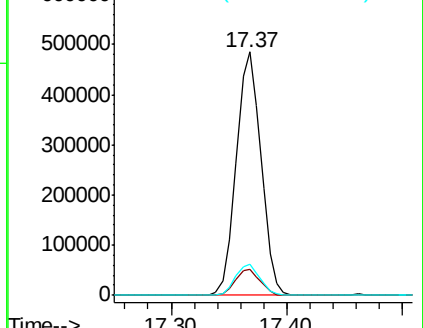
80 12.7 9.0 13.6



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045989.D

Acq: 9 Jul 2020 10:24

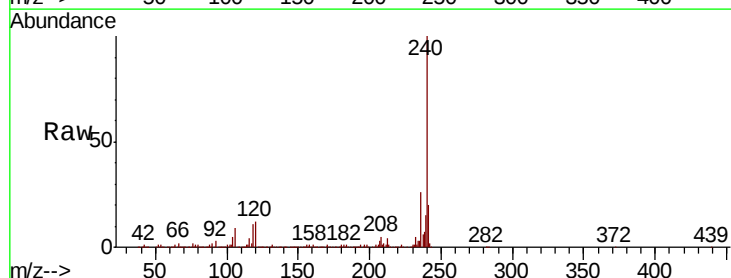
Tgt Ion:240 Resp: 661181

Ion Ratio Lower Upper

240 100

120 12.0 10.6 16.0

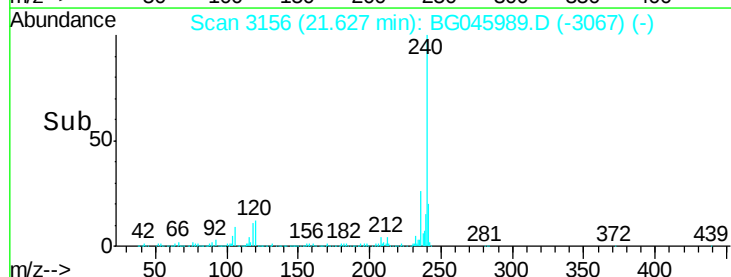
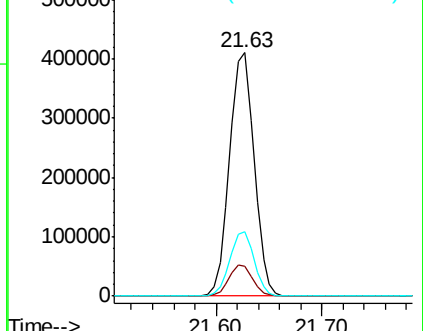
236 26.4 20.4 30.6

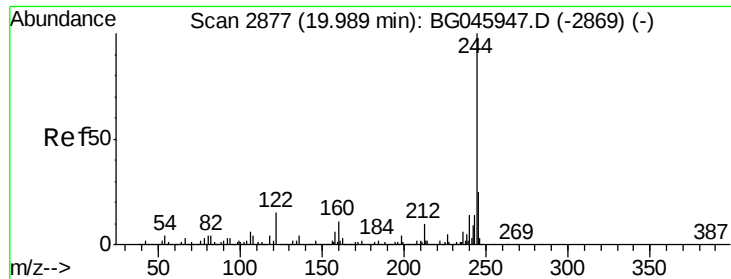


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.112 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045989.D

Acq: 9 Jul 2020 10:24

Instrument :

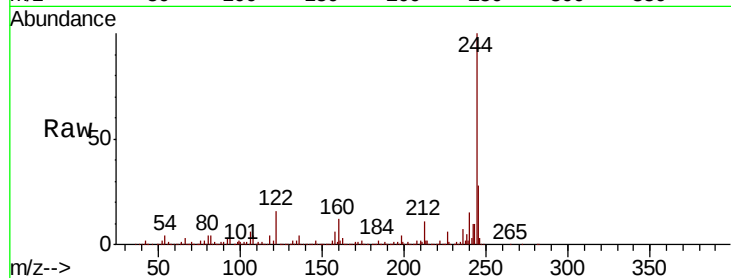
BNA_G

ClientSampleId :

PB129999BL

Tot Ion:244 Resp: 2588017

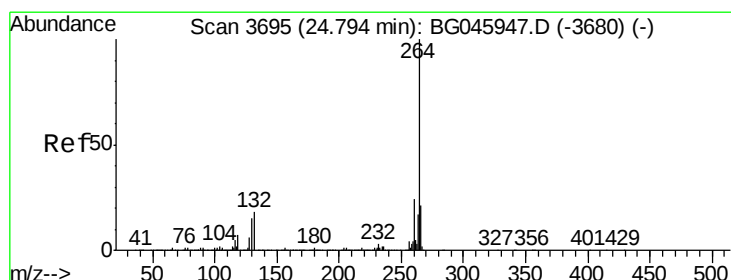
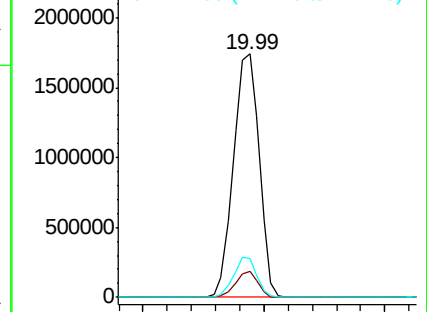
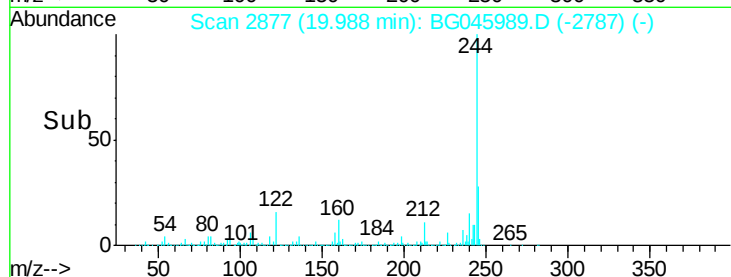
Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.3	12.5
122	16.0	12.1	18.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

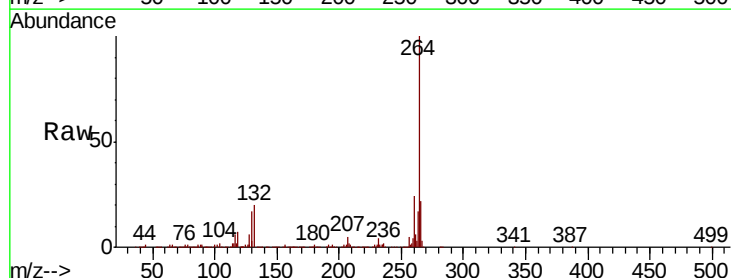
Delta R.T. -0.01 min

Lab File: BG045989.D

Acq: 9 Jul 2020 10:24

Tgt Ion:264 Resp: 657092

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	16.9	25.3



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

