

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045232.D
 Acq On : 4 May 2020 13:50
 Operator : CG/JU
 Sample : PB128631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BL

Quant Time: May 04 14:27:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	66170	20.00	ng	0.01
21) Naphthalene-d8	10.81	136	255275	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	193307	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	468484	20.00	ng	0.00
76) Chrysene-d12	21.65	240	459341	20.00	ng	0.00
87) Perylene-d12	24.83	264	485267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	524685	130.91	ng	0.00
7) Phenol-d6	7.16	99	738131	123.95	ng	0.00
23) Nitrobenzene-d5	9.16	82	497255	88.88	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	382601	128.12	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1171716	88.88	ng	0.00
79) Terphenyl-d14	20.00	244	2091164	99.23	ng	0.00

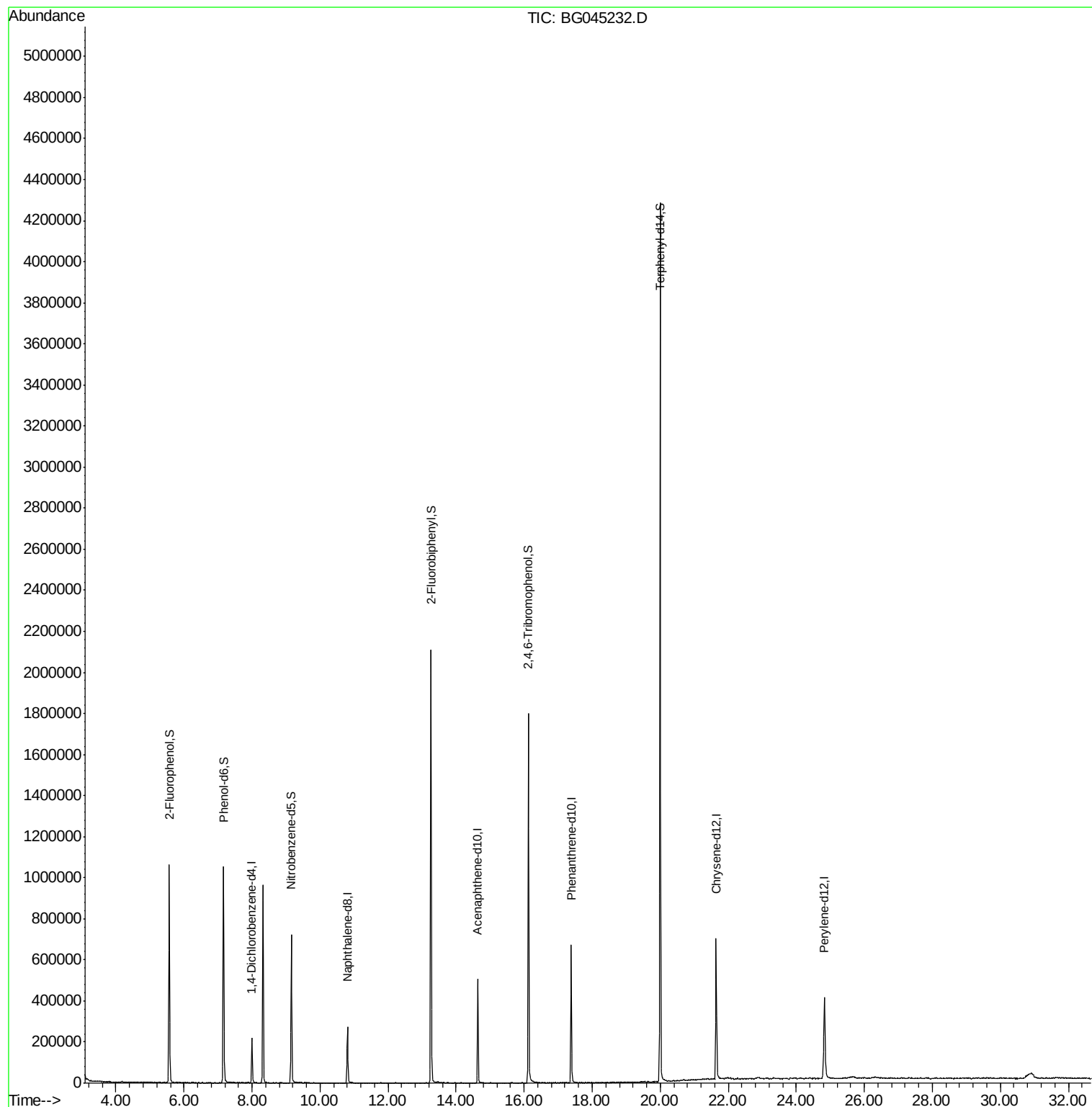
Target Compounds Qvalue

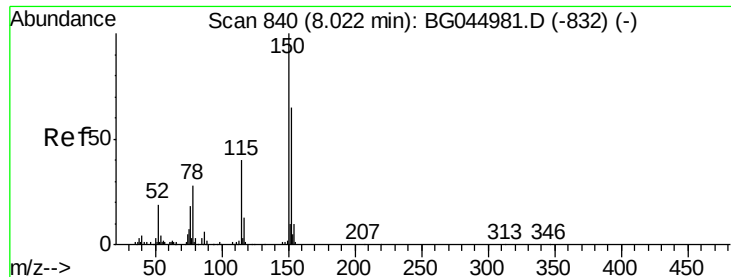
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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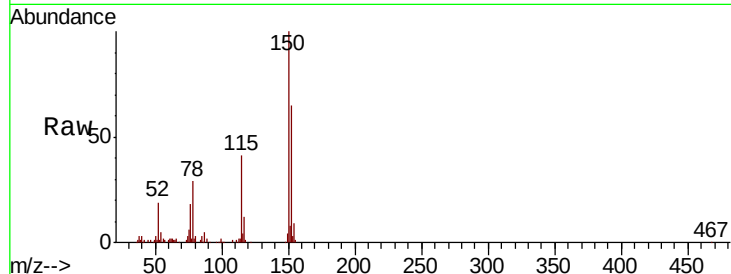


#1

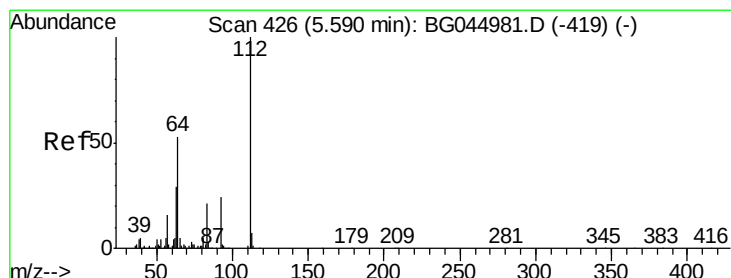
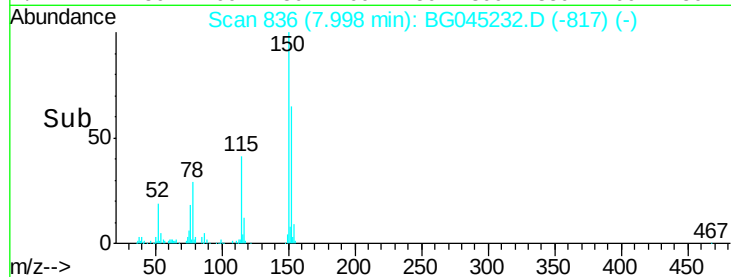
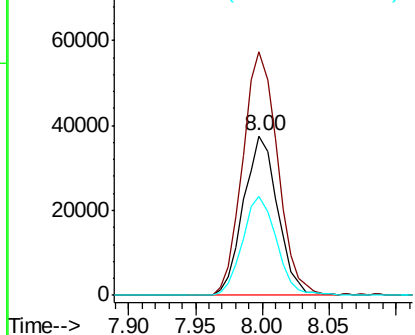
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BG045232.D
 Acq: 4 May 2020 13:50

Instrument :
 BNA_G
 ClientSampleId :
 PB128631BL

Tot Ion:152 Resp: 66170
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.6 185.4
 115 62.3 49.1 73.7



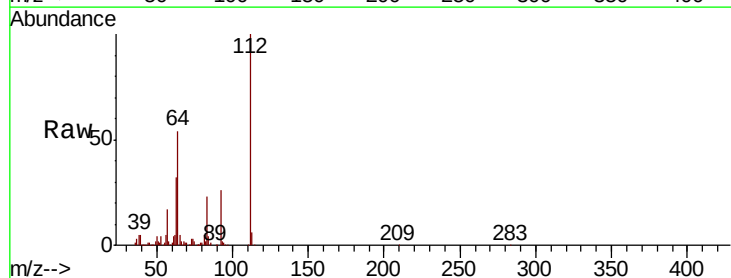
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



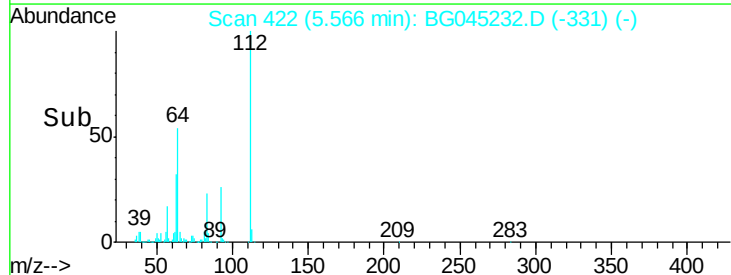
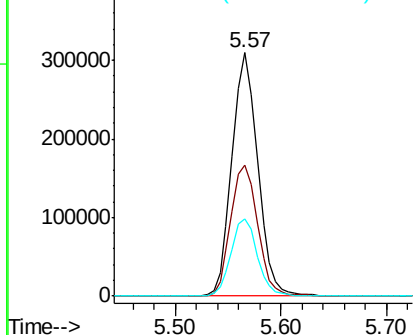
#5

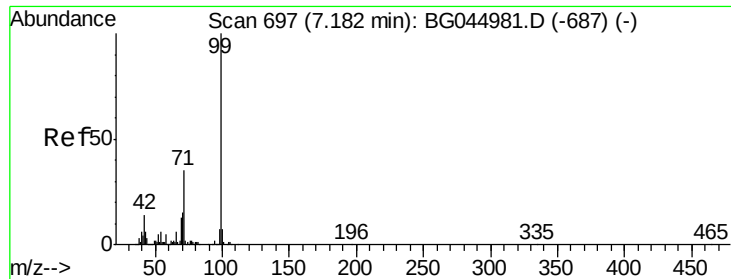
2-Fluorophenol
 Concen: 130.909 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BG045232.D
 Acq: 4 May 2020 13:50

Tgt Ion:112 Resp: 524685
 Ion Ratio Lower Upper
 112 100
 64 53.9 42.4 63.6
 63 31.8 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: 123.954 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045232.D

Acq: 4 May 2020 13:50

Instrument :

BNA_G

ClientSampleId :

PB128631BL

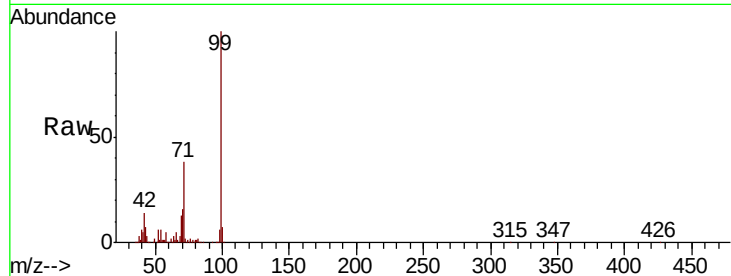
Tot Ion: 99 Resp: 738131

Ion Ratio Lower Upper

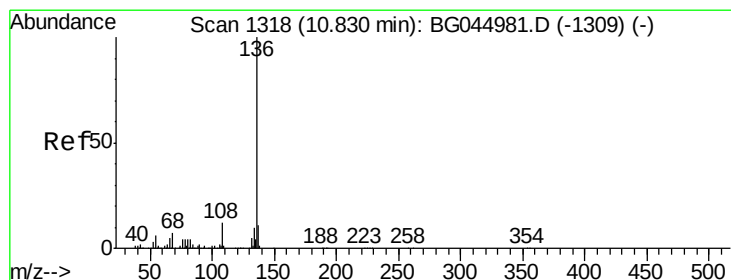
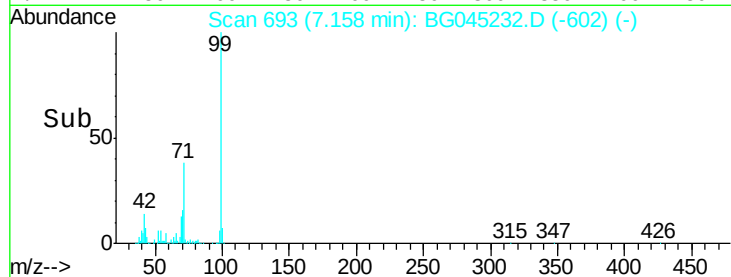
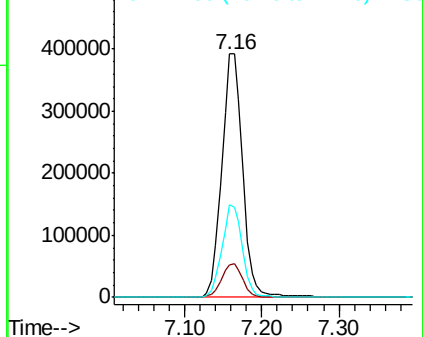
99 100

42 13.6 11.3 16.9

71 38.2 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: 10.81 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BG045232.D

Acq: 4 May 2020 13:50

Tgt Ion: 136 Resp: 255275

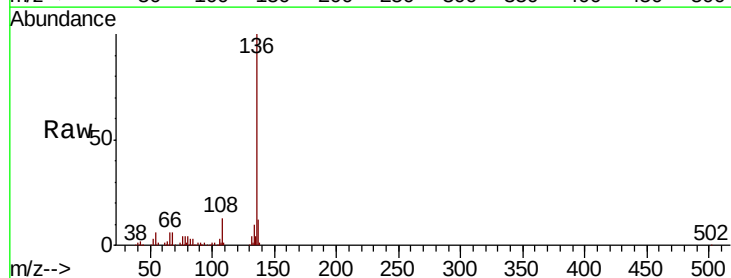
Ion Ratio Lower Upper

136 100

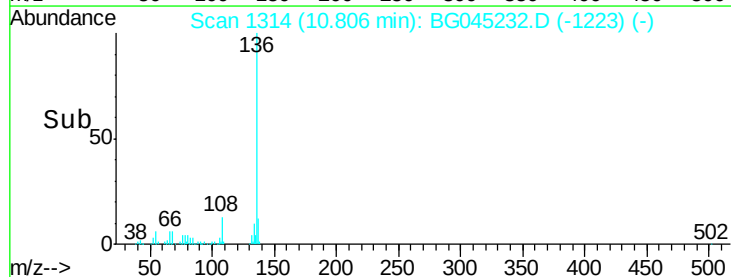
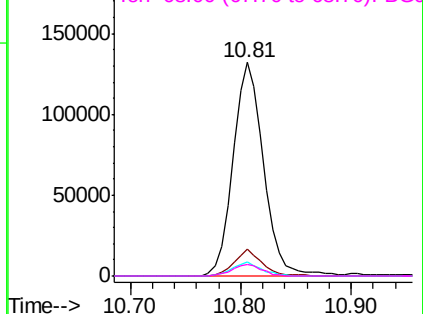
137 12.5 8.6 13.0

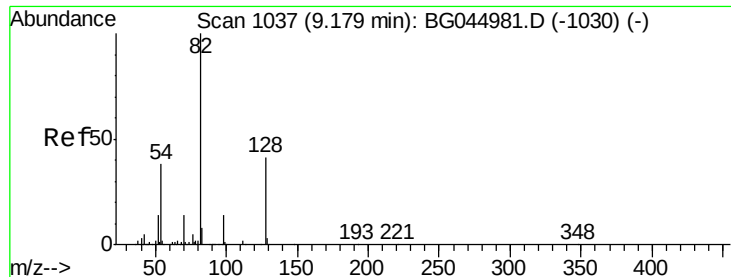
54 6.4 4.8 7.2

68 5.6 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

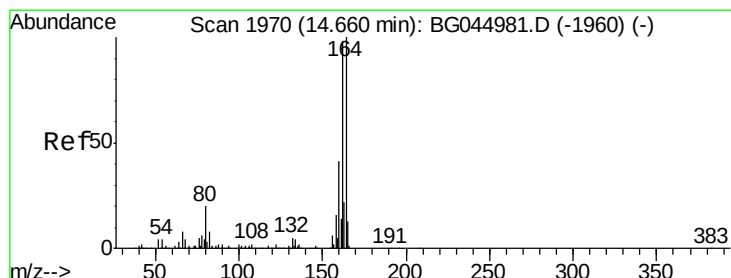
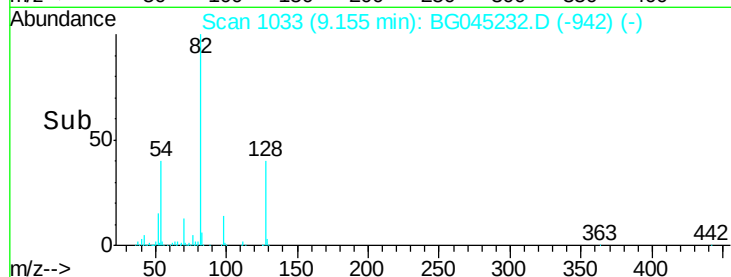
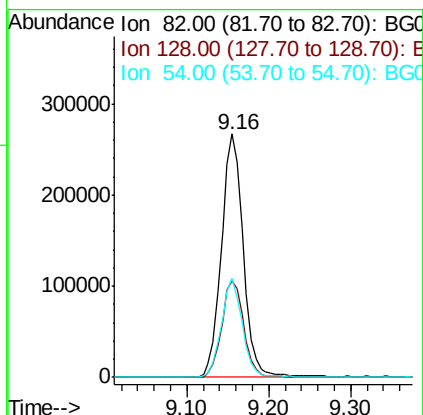
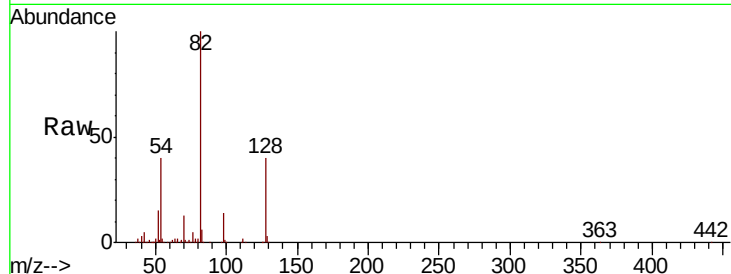




#23
Nitrobenzene-d5
Concen: 88.881 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG045232.D
Acq: 4 May 2020 13:50

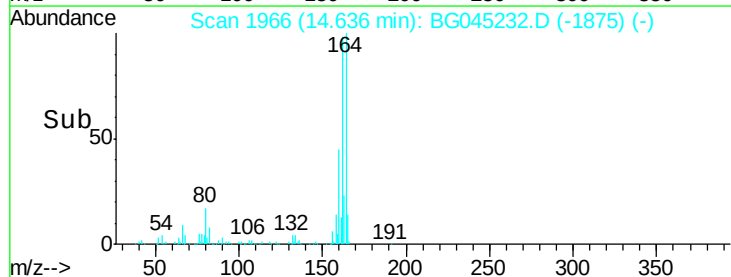
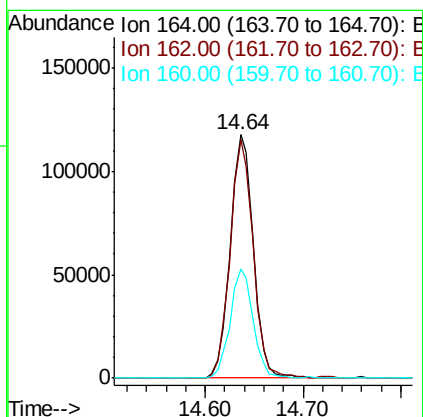
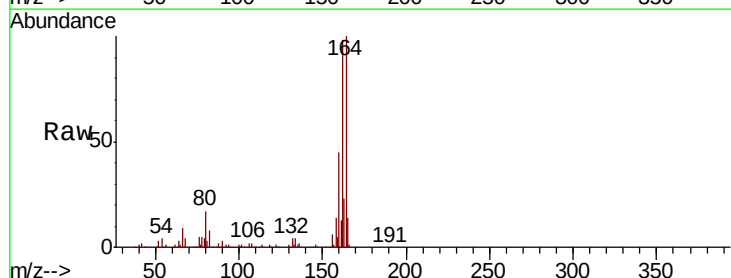
Instrument :
BNA_G
ClientSampleId :
PB128631BL

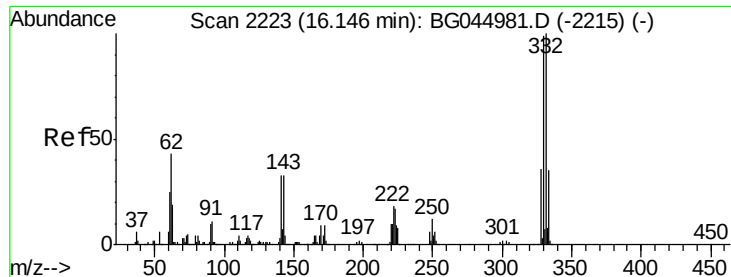
Tot Ion	82	Resp	497255
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.0	49.4
54	40.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG045232.D
Acq: 4 May 2020 13:50

Tgt Ion	164	Resp	193307
Ion Ratio	Lower	Upper	
164	100		
162	97.8	78.7	118.1
160	44.9	32.8	49.2

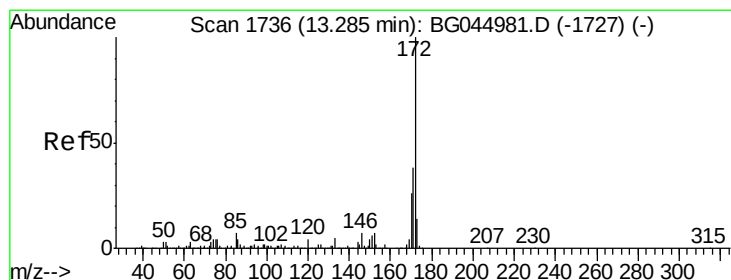
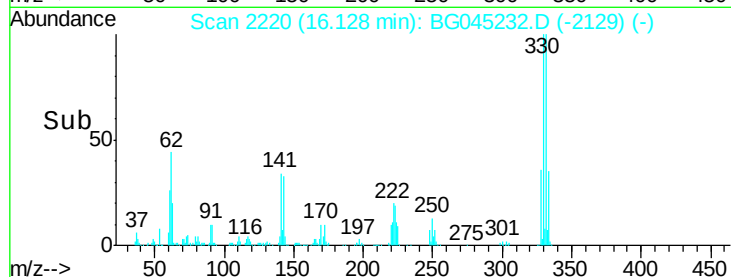
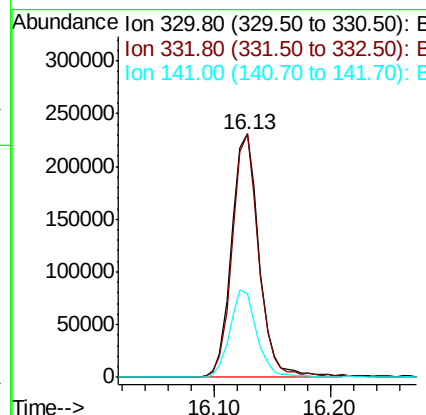
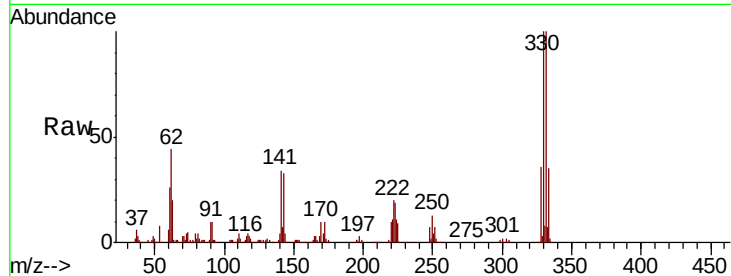




#42
 2,4,6-Tribromophenol
 Concen: 128.117 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BG045232.D
 Acq: 4 May 2020 13:50

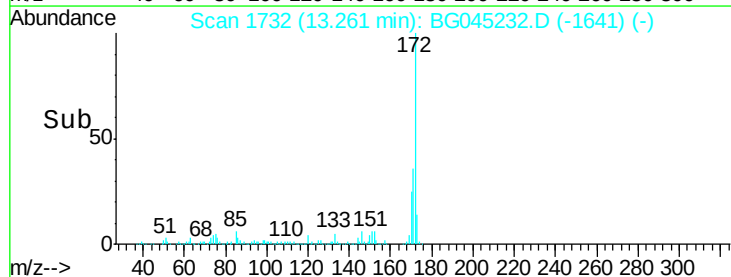
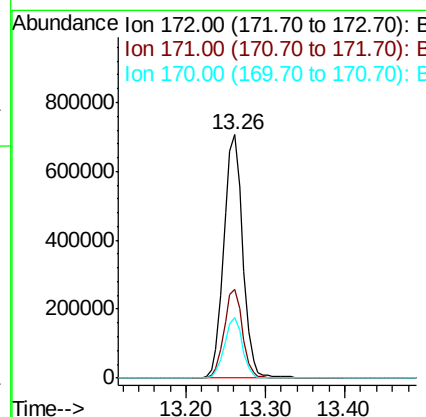
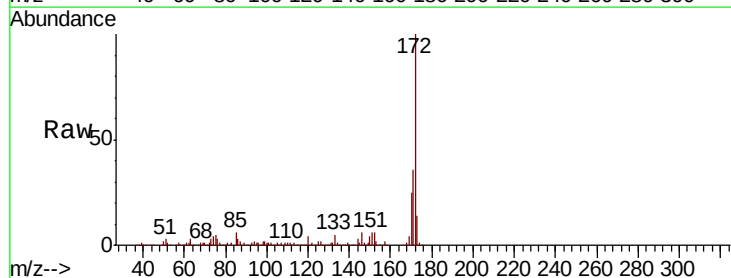
Instrument :
 BNA_G
 ClientSampleId :
 PB128631BL

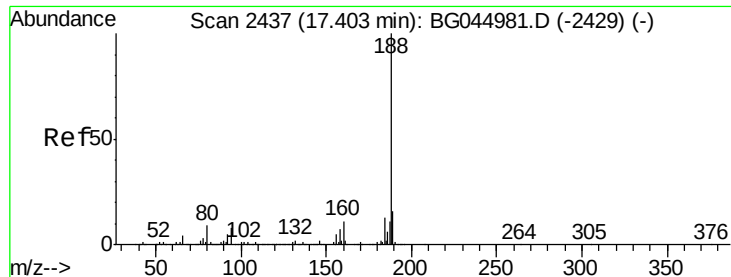
Tot Ion:	330	Resp:	382601
Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	35.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 88.880 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: BG045232.D
 Acq: 4 May 2020 13:50

Tgt Ion:	172	Resp:	1171716
Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	24.6	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BG045232.D

Acq: 4 May 2020 13:50

Instrument :

BNA_G

ClientSampleId :

PB128631BL

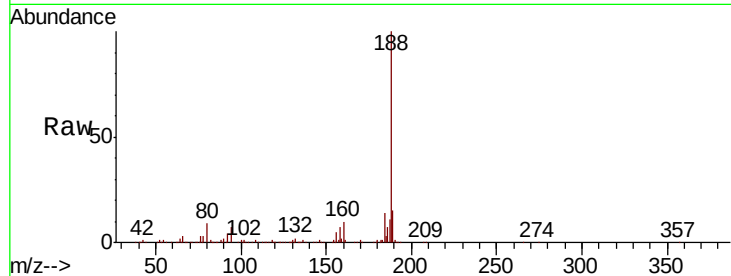
Tot Ion:188 Resp: 468484

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

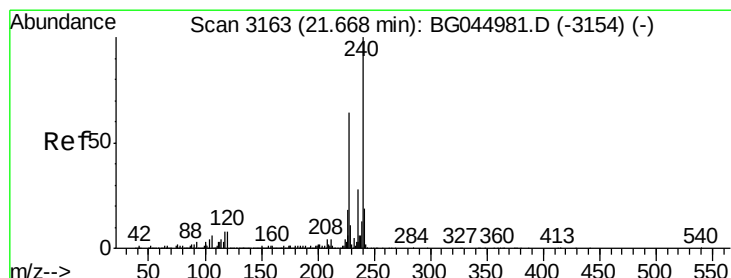
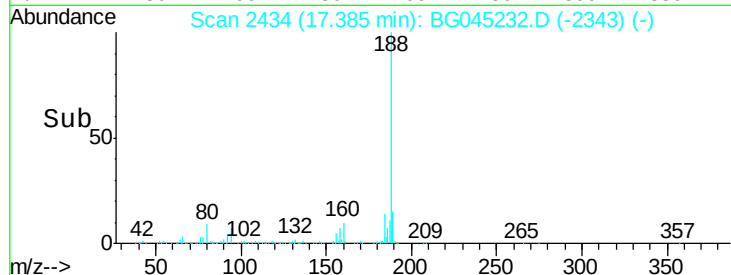
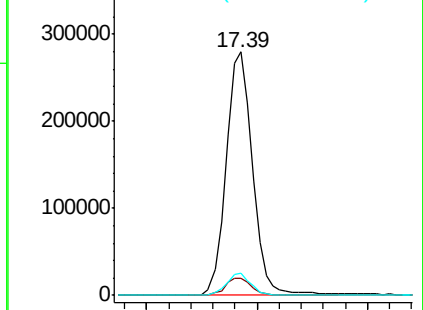
80 8.9 7.0 10.6



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: 21.65 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG045232.D

Acq: 4 May 2020 13:50

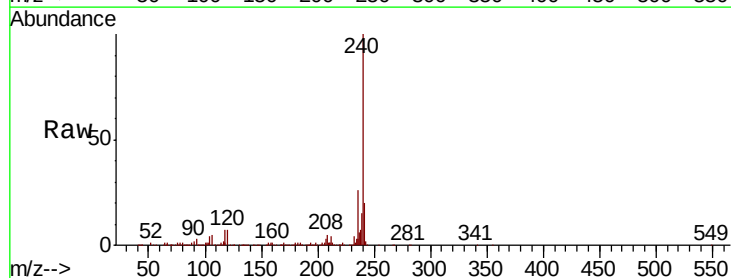
Tgt Ion:240 Resp: 459341

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

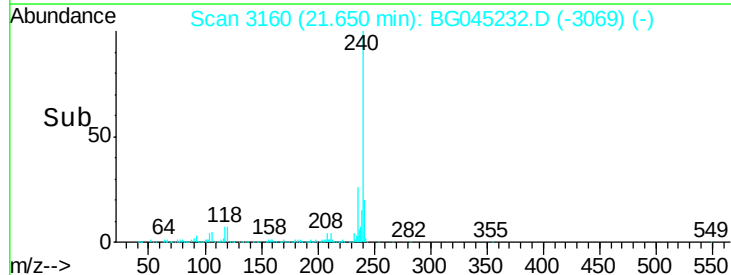
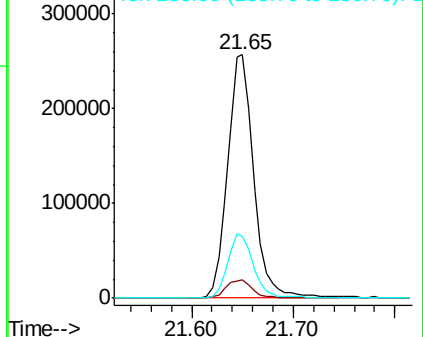
236 25.5 22.2 33.2

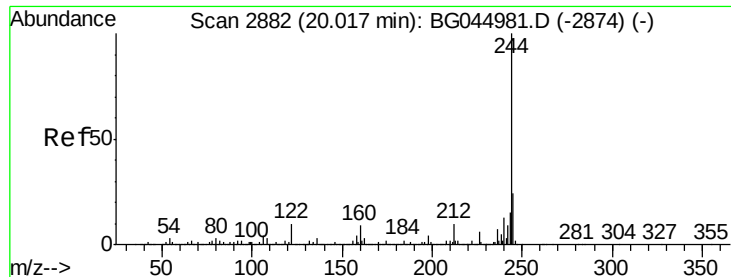


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.225 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BG045232.D

Acq: 4 May 2020 13:50

Instrument :

BNA_G

ClientSampleId :

PB128631BL

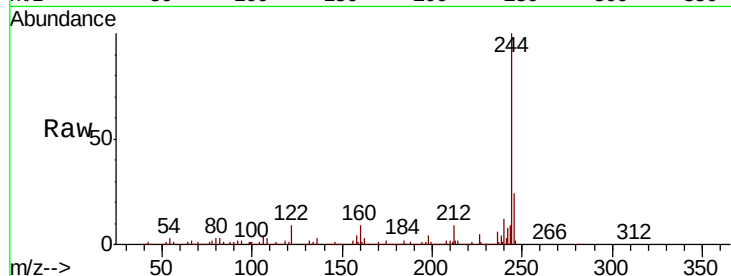
Tot Ion:244 Resp: 2091164

Ion Ratio Lower Upper

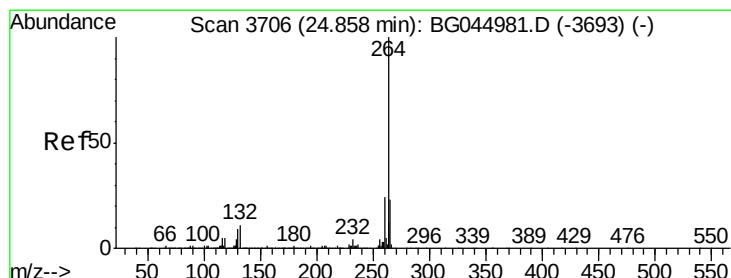
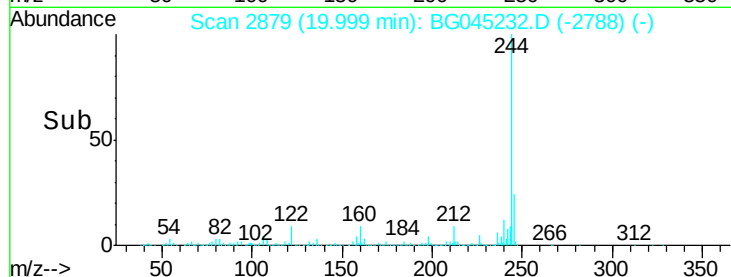
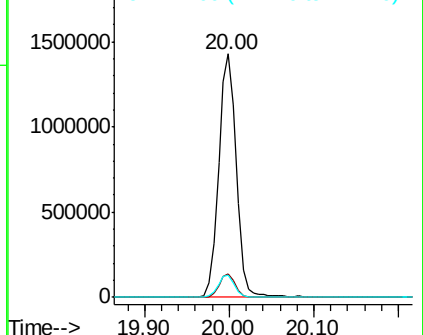
244 100

212 9.4 7.9 11.9

122 9.2 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: 24.83 min Scan# 3701

Delta R.T. 0.01 min

Lab File: BG045232.D

Acq: 4 May 2020 13:50

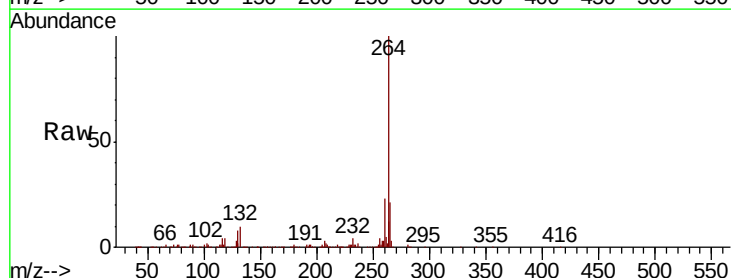
Tgt Ion:264 Resp: 485267

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.4 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

