

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045847.D
 Acq On : 24 Jun 2020 16:34
 Operator : CG/JU
 Sample : PB129750BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129750BL

Quant Time: Jun 24 18:48:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54932	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	220895	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	156401	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	363329	20.00	ng	0.00
76) Chrysene-d12	21.58	240	321320	20.00	ng	0.00
86) Perylene-d12	24.70	264	345853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	407943	125.45	ng	-0.02
7) Phenol-d6	7.14	99	588804	119.04	ng	-0.03
23) Nitrobenzene-d5	9.08	82	407601	84.30	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	299123	126.68	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	923617	86.78	ng	0.00
79) Terphenyl-d14	19.93	244	1553355	97.97	ng	0.00

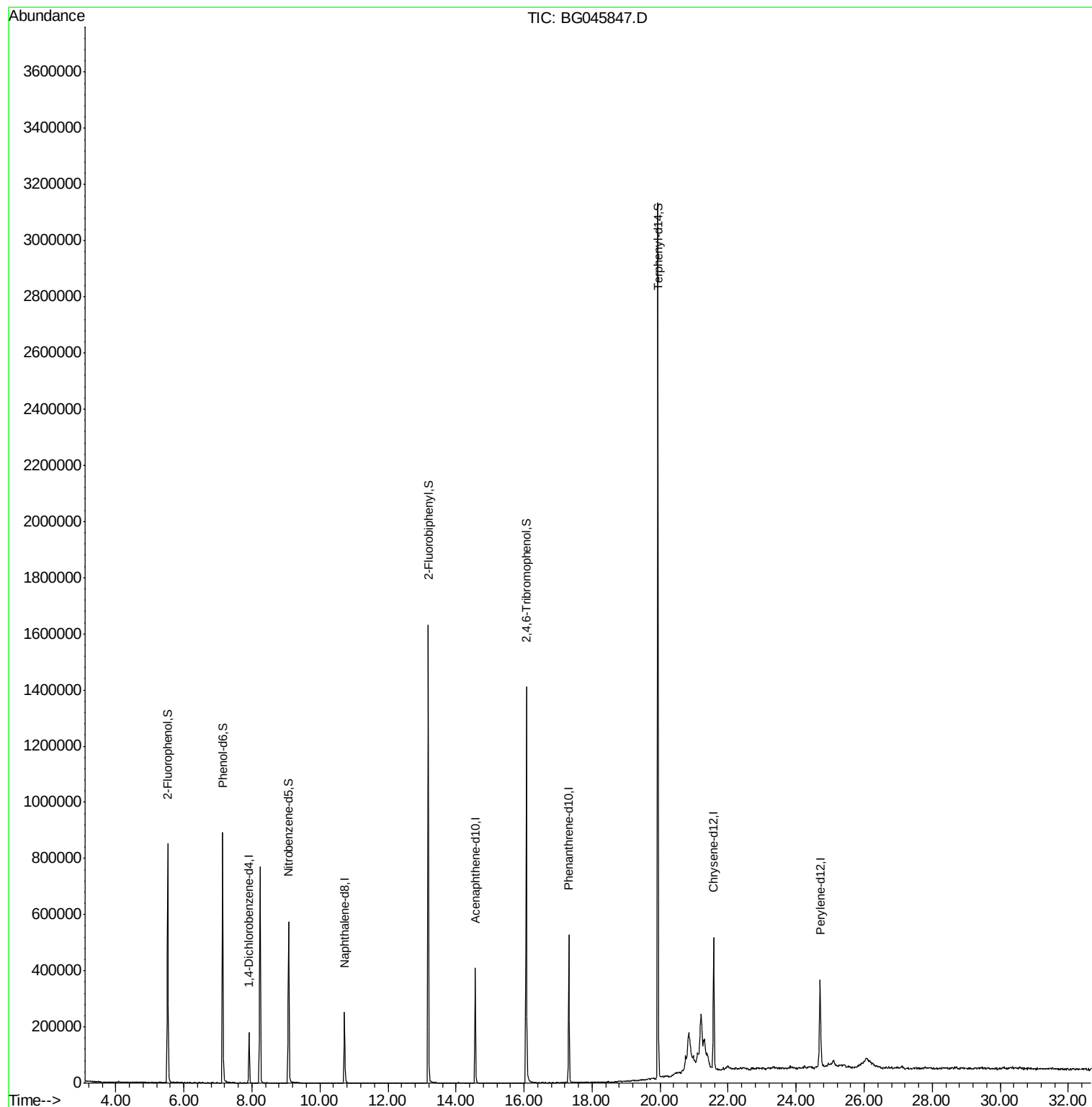
Target Compounds Qvalue

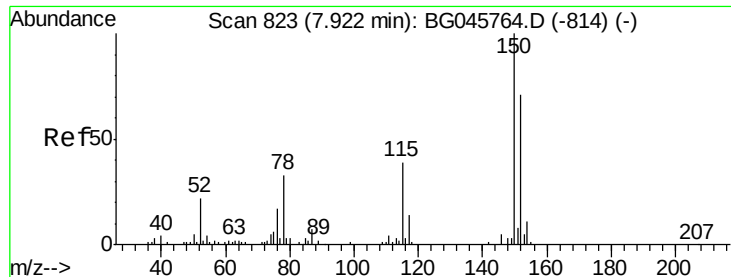
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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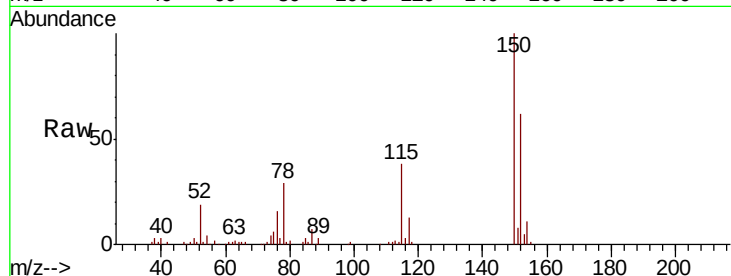


#1

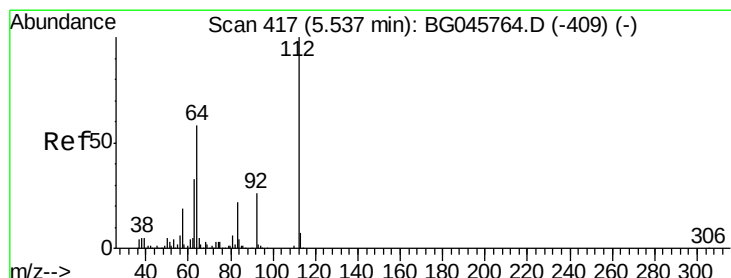
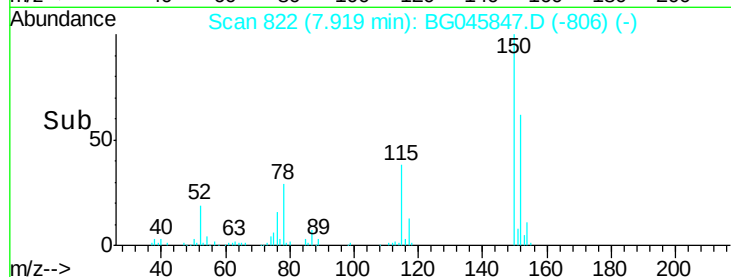
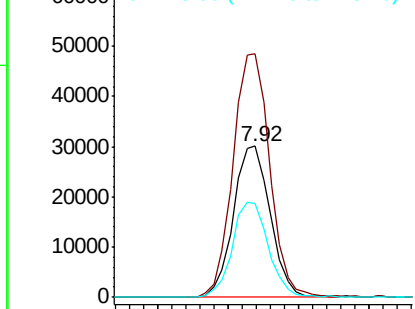
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045847.D
Acq: 24 Jun 2020 16:34

Instrument :
BNA_G
ClientSampleId :
PB129750BL

Tot Ion:152 Resp: 54932
Ion Ratio Lower Upper
152 100
150 160.8 113.1 169.7
115 61.9 43.8 65.6



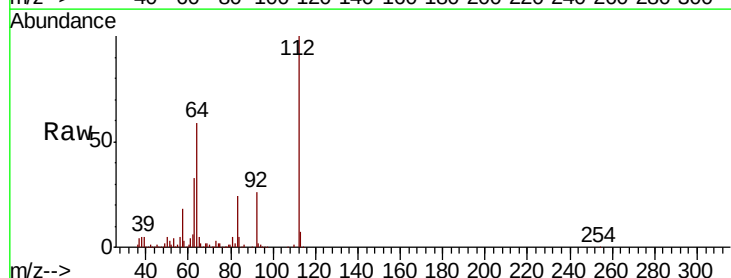
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



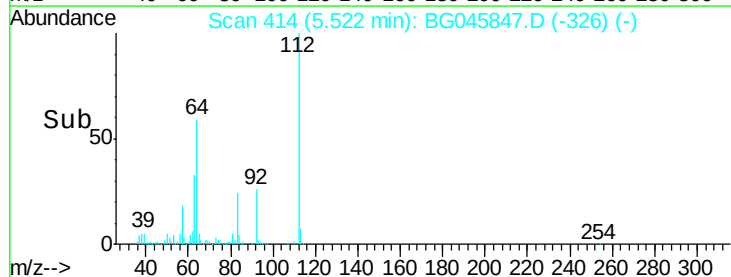
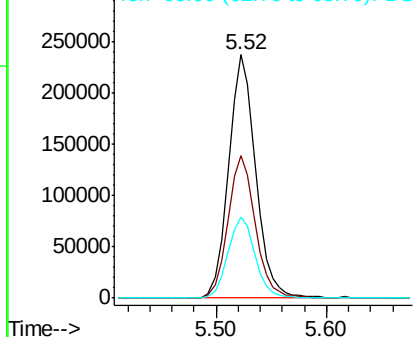
#5

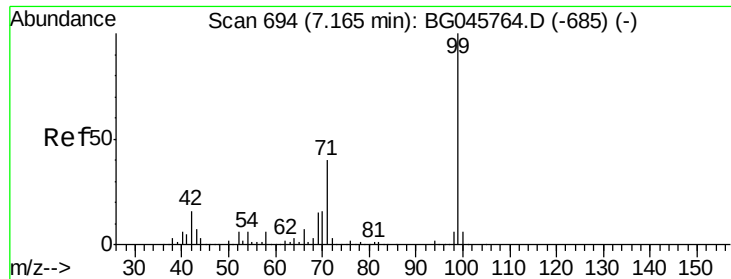
2-Fluorophenol
Concen: 125.448 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045847.D
Acq: 24 Jun 2020 16:34

Tgt Ion:112 Resp: 407943
Ion Ratio Lower Upper
112 100
64 58.6 46.6 69.8
63 33.2 26.3 39.5



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: 119.037 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG045847.D

Acq: 24 Jun 2020 16:34

Instrument :

BNA_G

ClientSampleId :

PB129750BL

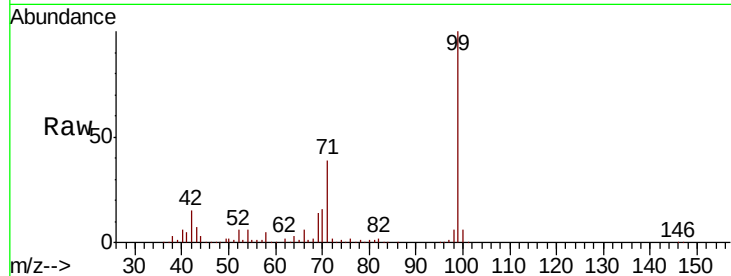
Tot Ion: 99 Resp: 588804

Ion Ratio Lower Upper

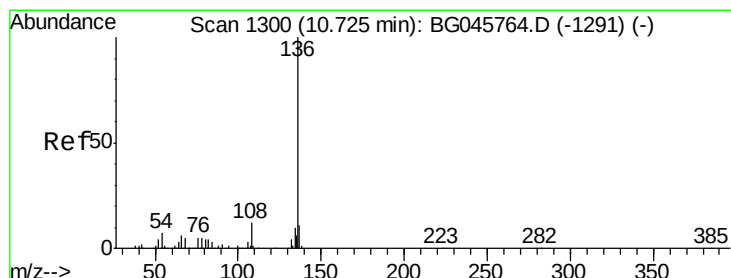
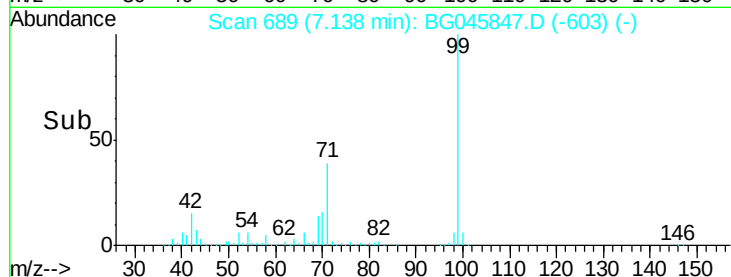
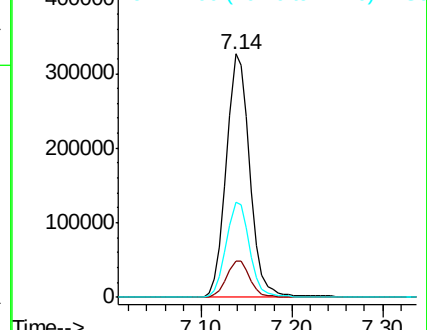
99 100

42 15.0 12.4 18.6

71 39.1 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045847.D

Acq: 24 Jun 2020 16:34

Tgt Ion: 136 Resp: 220895

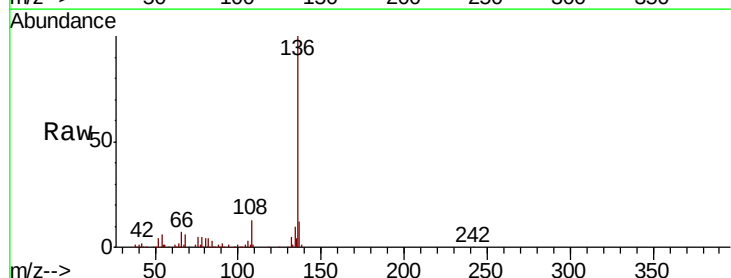
Ion Ratio Lower Upper

136 100

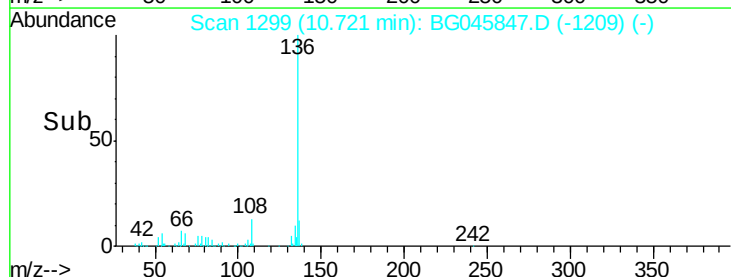
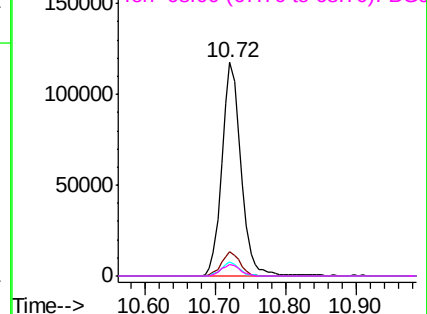
137 11.6 8.7 13.1

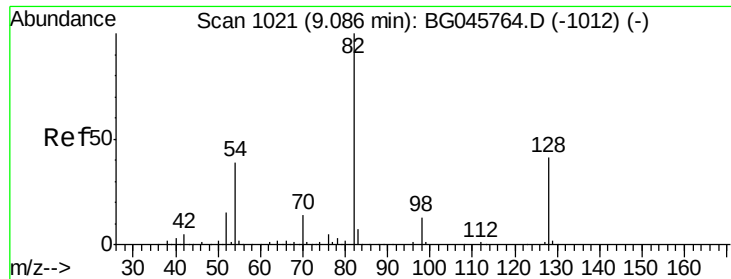
54 6.3 5.8 8.6

68 5.6 4.0 6.0



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

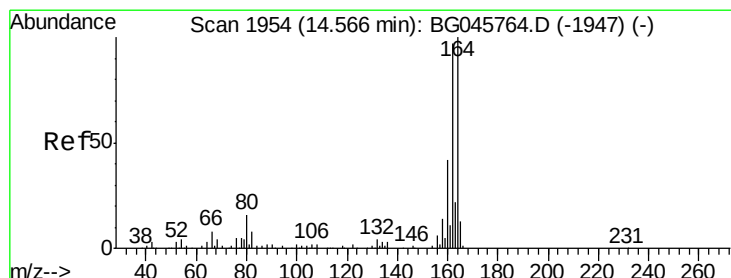
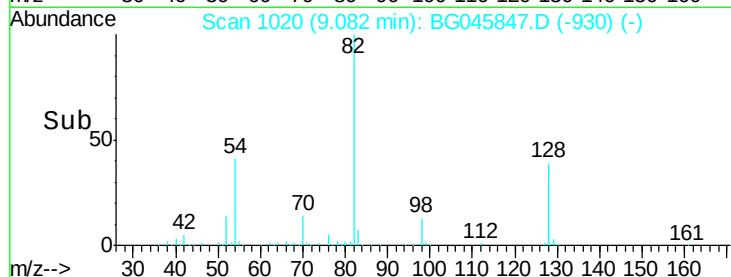
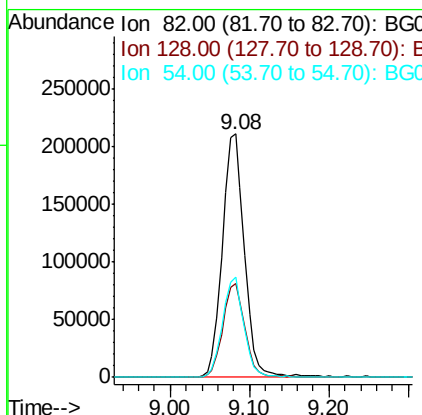
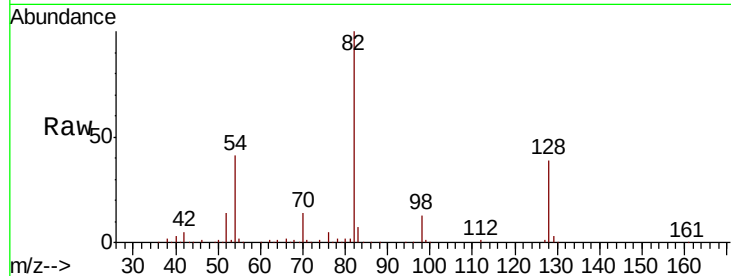




#23
 Nitrobenzene-d5
 Concen: 84.296 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045847.D
 Acq: 24 Jun 2020 16:34

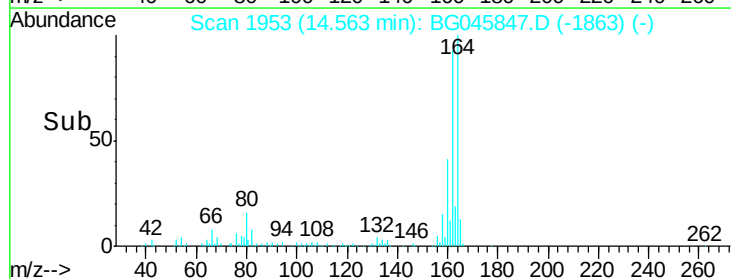
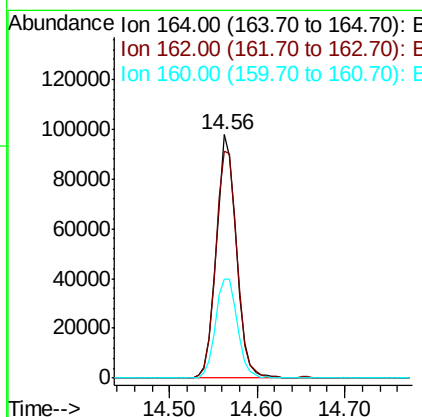
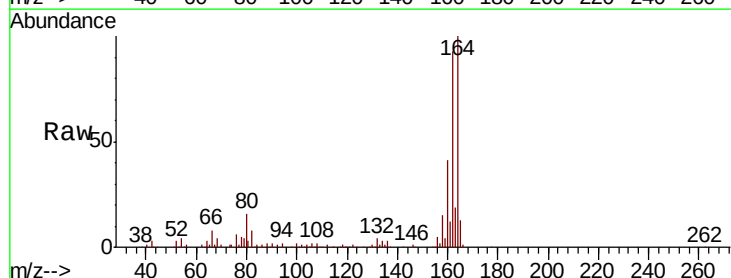
Instrument :
 BNA_G
 ClientSampleId :
 PB129750BL

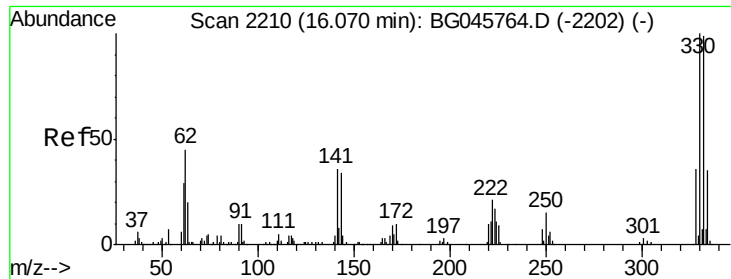
Tot Ion	82	Resp	407601
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.5	48.7
54	41.2	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG045847.D
 Acq: 24 Jun 2020 16:34

Tgt Ion	164	Resp	156401
Ion Ratio	Lower	Upper	
164	100		
162	93.4	77.4	116.0
160	40.7	33.3	49.9

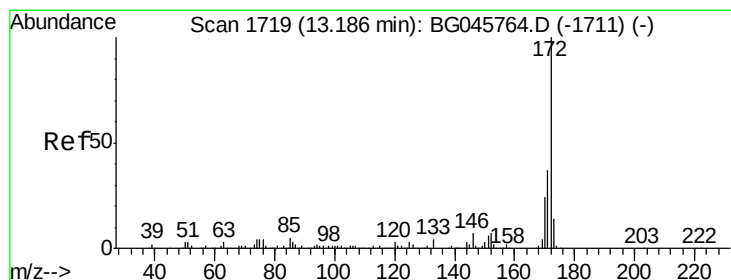
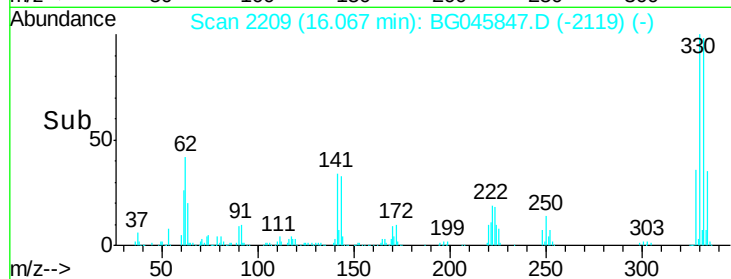
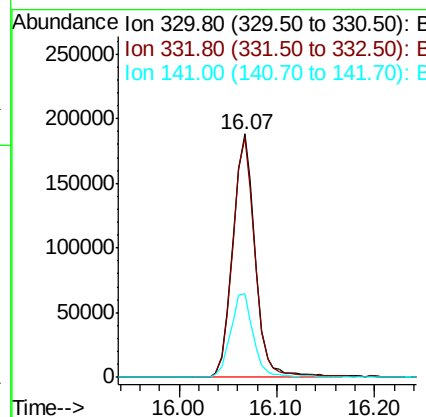
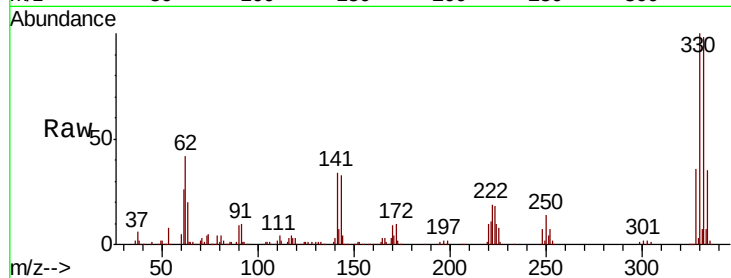




#42
 2,4,6-Tribromophenol
 Concen: 126.680 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG045847.D
 Acq: 24 Jun 2020 16:34

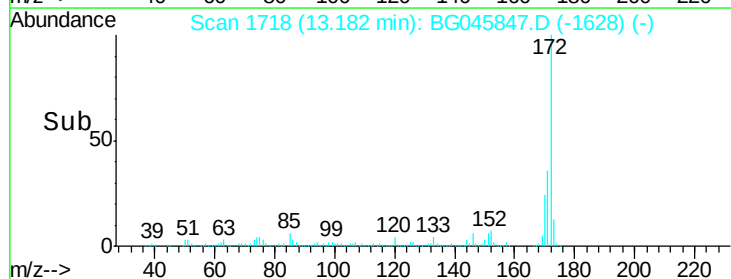
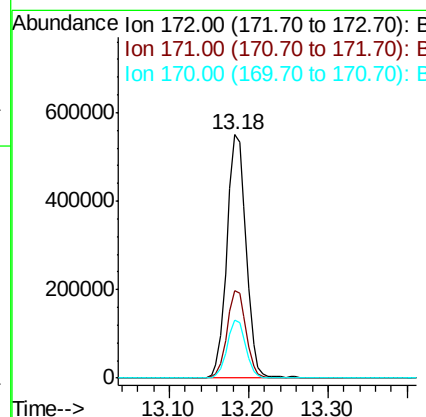
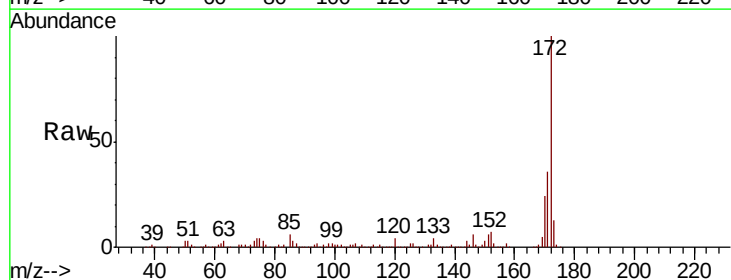
Instrument :
 BNA_G
 ClientSampleId :
 PB129750BL

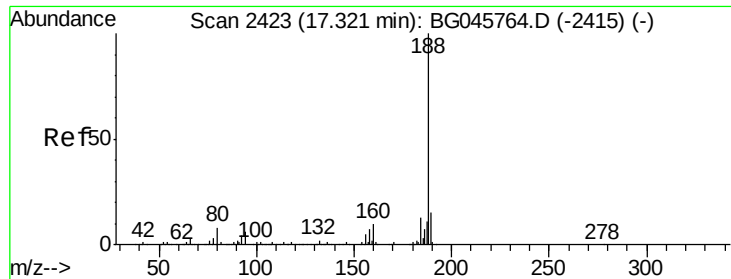
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.6	117.8
141	34.8	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 86.784 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG045847.D
 Acq: 24 Jun 2020 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	23.6	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG045847.D

Acq: 24 Jun 2020 16:34

Instrument :

BNA_G

ClientSampleId :

PB129750BL

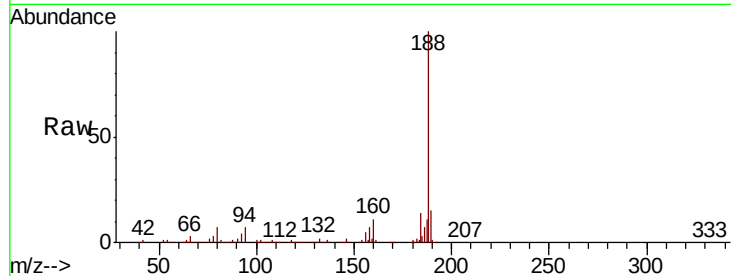
Tot Ion:188 Resp: 363329

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

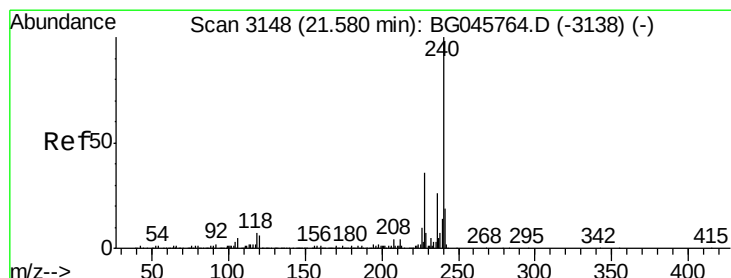
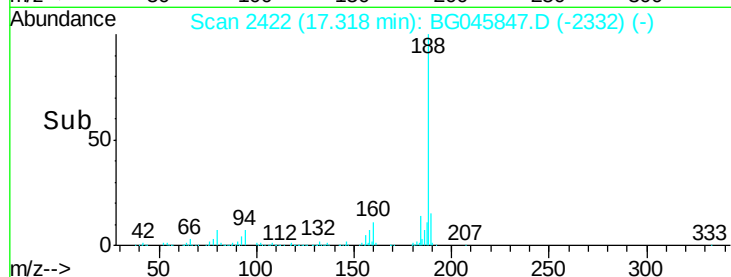
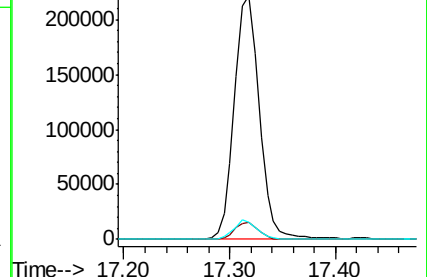
80 7.0 6.2 9.4



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: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045847.D

Acq: 24 Jun 2020 16:34

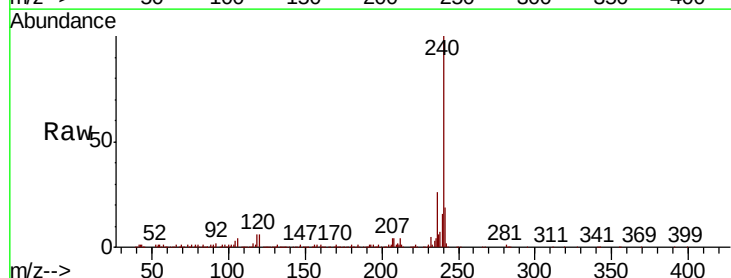
Tgt Ion:240 Resp: 321320

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.4

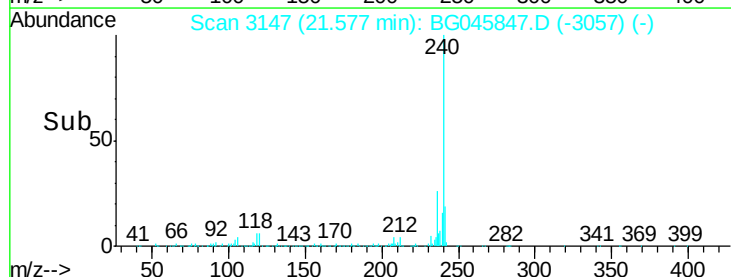
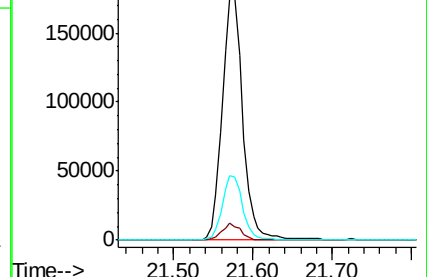
236 25.7 20.6 30.8

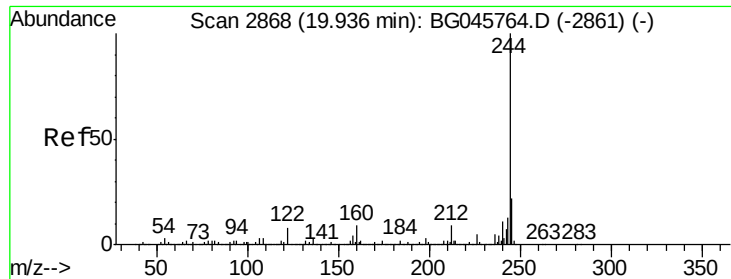


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.972 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045847.D

Acq: 24 Jun 2020 16:34

Instrument :

BNA_G

ClientSampleId :

PB129750BL

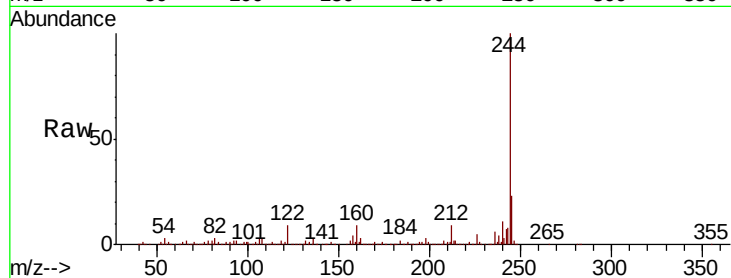
Tot Ion:244 Resp: 1553355

Ion Ratio Lower Upper

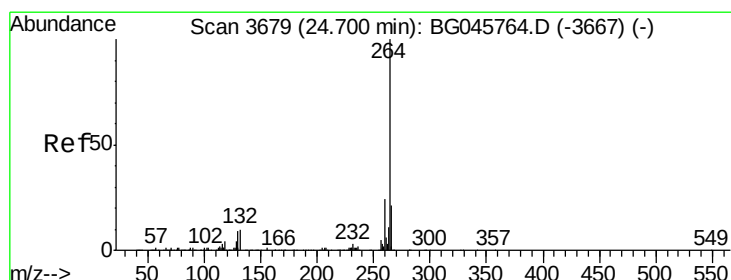
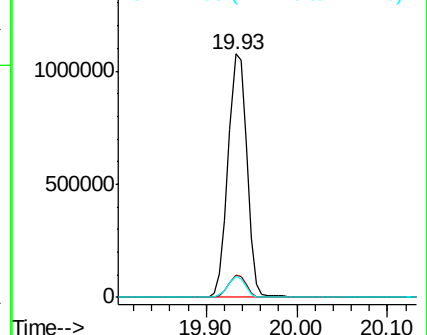
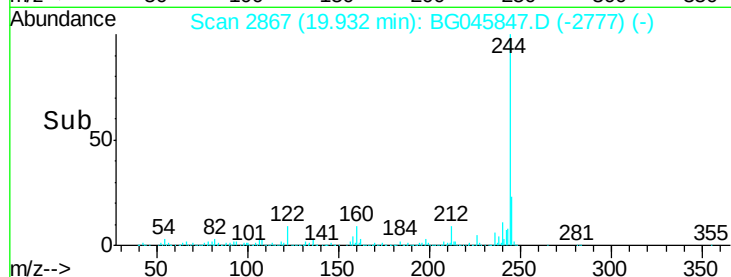
244 100

212 9.1 7.2 10.8

122 8.6 6.4 9.6



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: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045847.D

Acq: 24 Jun 2020 16:34

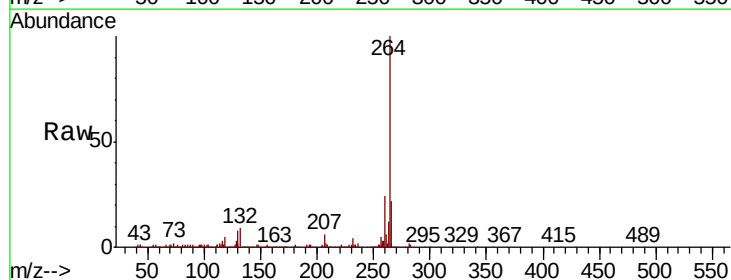
Tgt Ion:264 Resp: 345853

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.9 17.4 26.0



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

