

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045597.D
 Acq On : 4 Jun 2020 4:24
 Operator : CG/JU
 Sample : PB129278BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BL

Quant Time: Jun 04 05:59:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58119	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	234130	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	167799	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	395465	20.00	ng	0.00
76) Chrysene-d12	21.60	240	382540	20.00	ng	0.00
87) Perylene-d12	24.75	264	395728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	466901	157.00	ng	0.00
7) Phenol-d6	7.14	99	672242	158.82	ng	0.00
23) Nitrobenzene-d5	9.11	82	477488	111.21	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	351115	163.62	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1076793	108.85	ng	0.00
79) Terphenyl-d14	19.96	244	1806474	110.14	ng	0.00

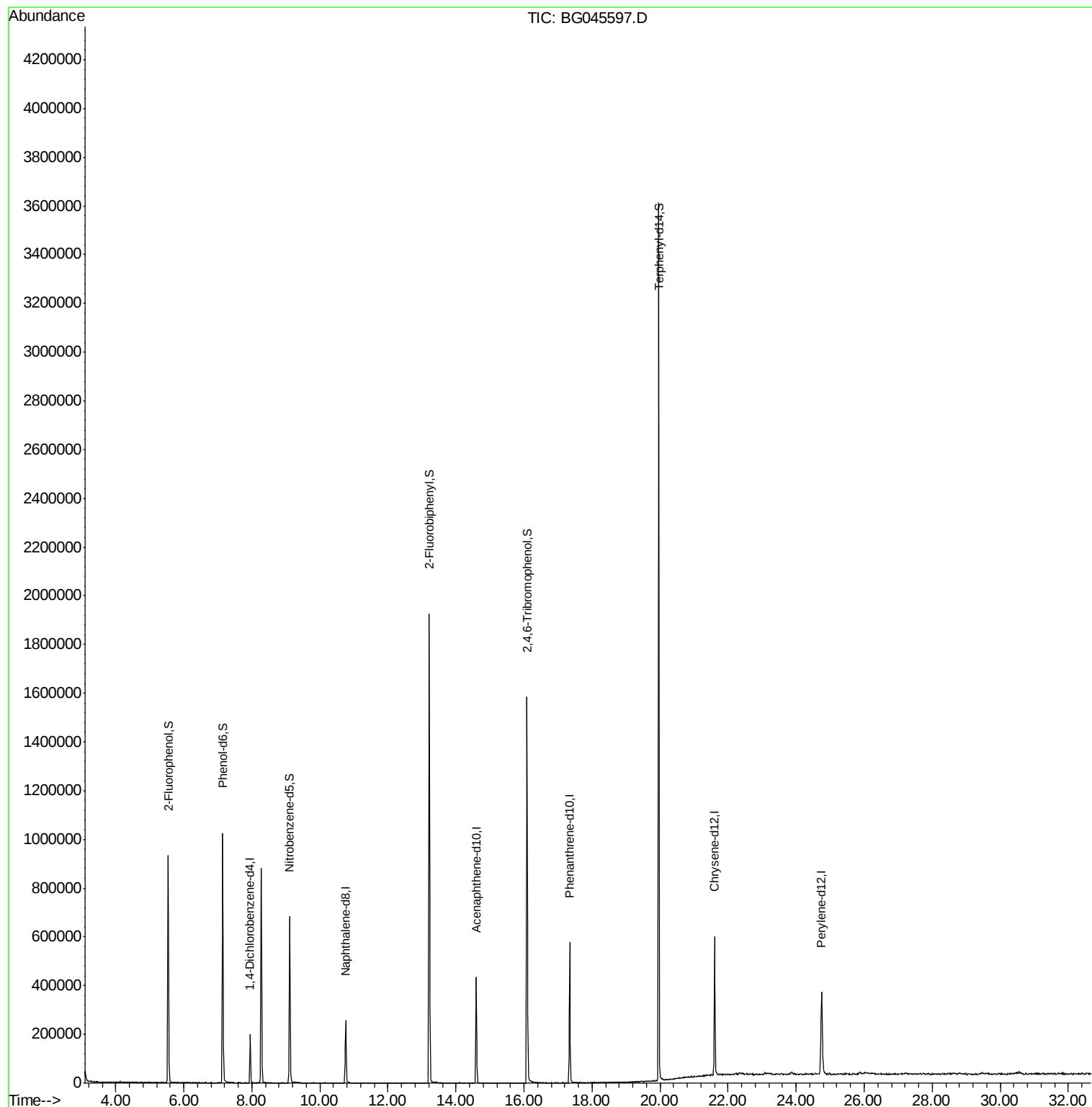
Target Compounds Qvalue

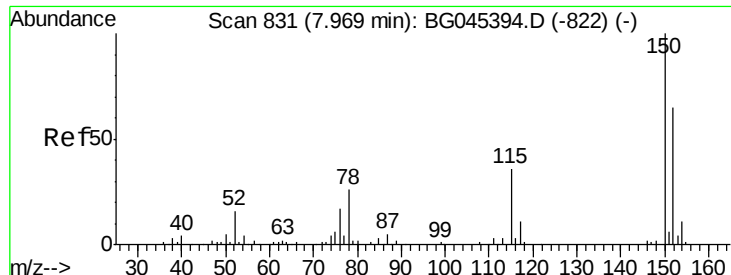
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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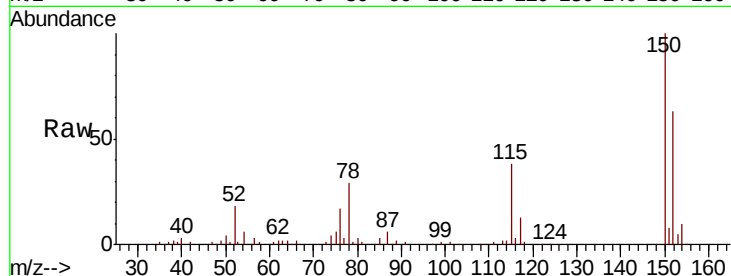


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045597.D
Acq: 4 Jun 2020 4:24

Instrument :
BNA_G
ClientSampleId :
PB129278BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.4	183.6
115	60.9	44.2	66.4

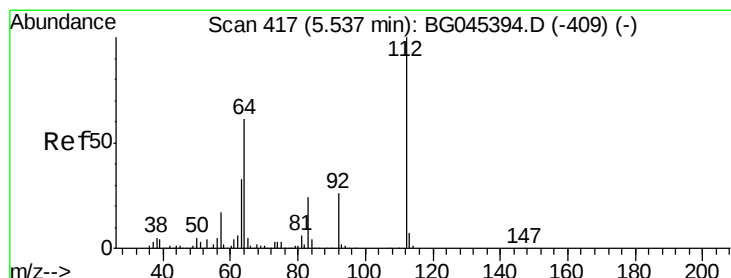
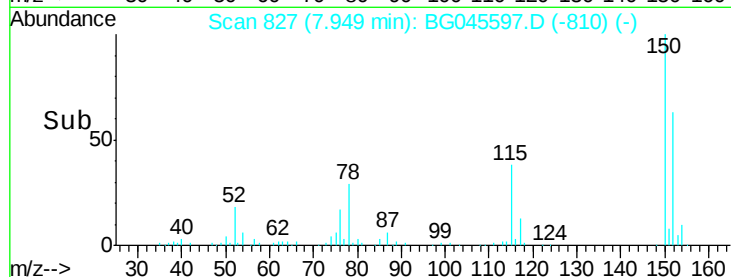
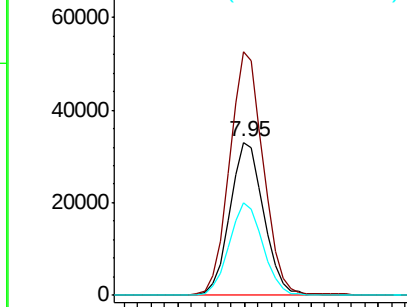


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

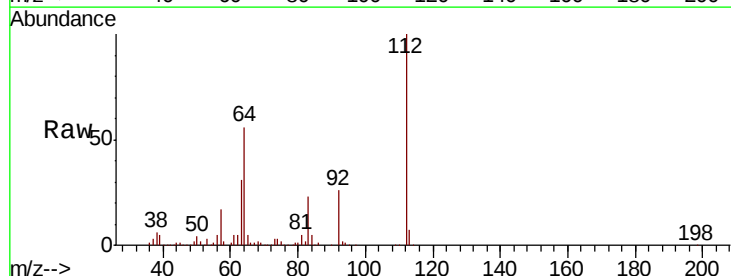
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 156.999 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045597.D
Acq: 4 Jun 2020 4:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.6	72.8
63	31.3	26.5	39.7

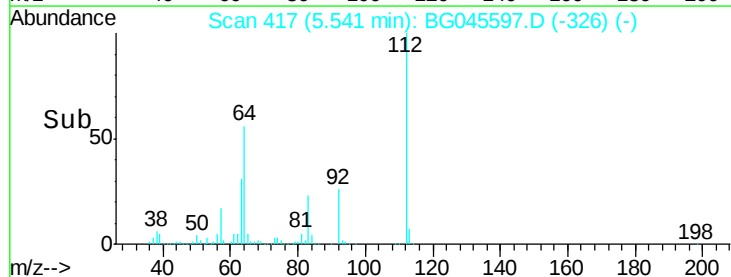
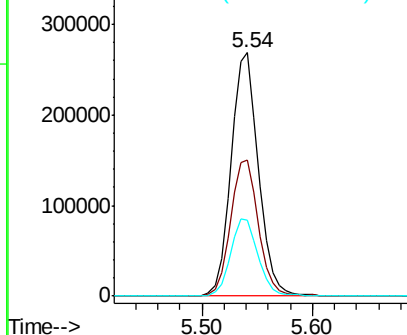


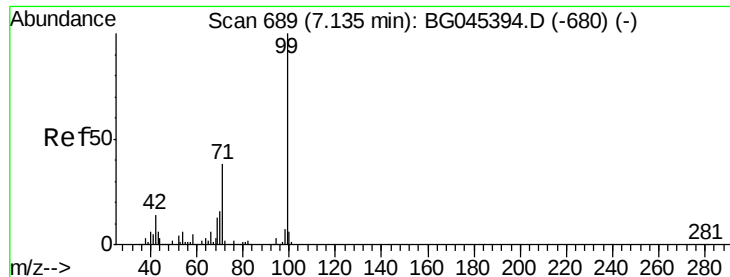
Abundance

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





#7

Phenol-d6

Concen: 158.819 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045597.D

Acq: 4 Jun 2020 4:24

Instrument :

BNA_G

ClientSampleId :

PB129278BL

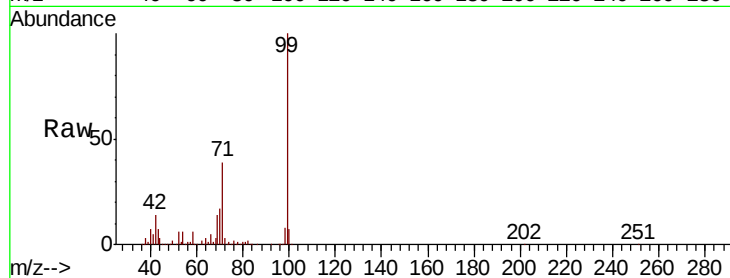
Tot Ion: 99 Resp: 672242

Ion Ratio Lower Upper

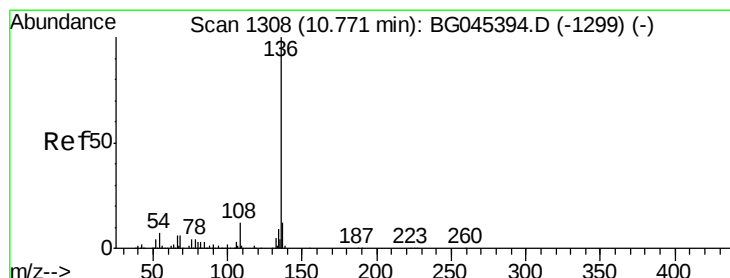
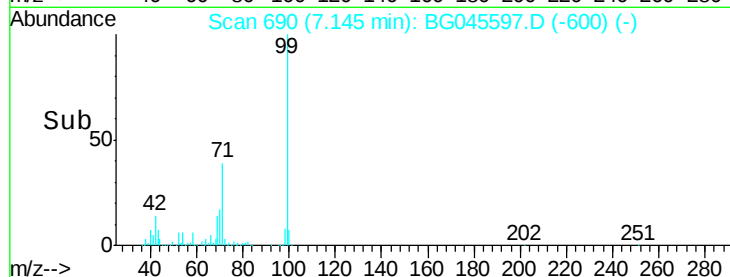
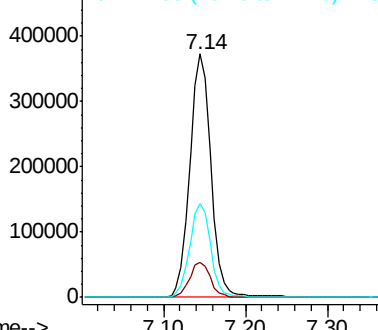
99 100

42 14.3 11.3 16.9

71 38.7 30.8 46.2



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: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045597.D

Acq: 4 Jun 2020 4:24

Tgt Ion: 136 Resp: 234130

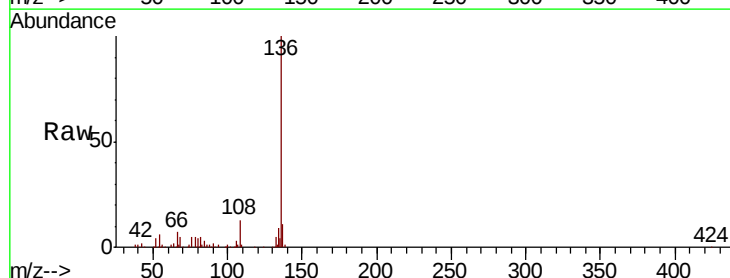
Ion Ratio Lower Upper

136 100

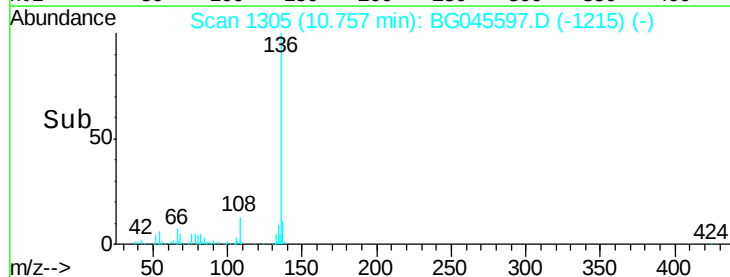
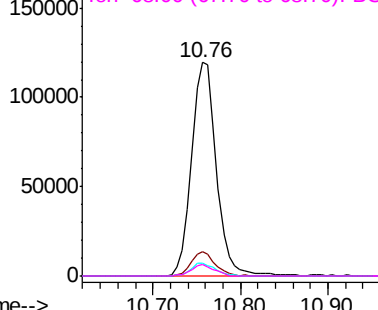
137 11.2 9.4 14.2

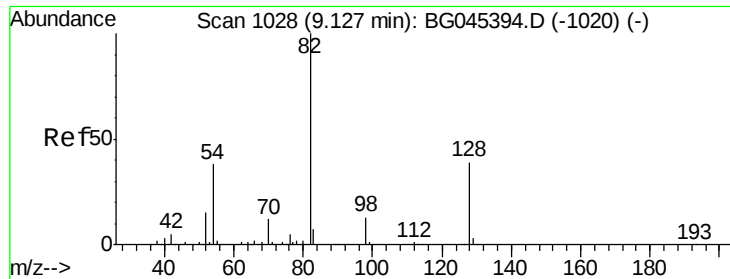
54 5.8 5.8 8.6

68 5.4 4.5 6.7



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

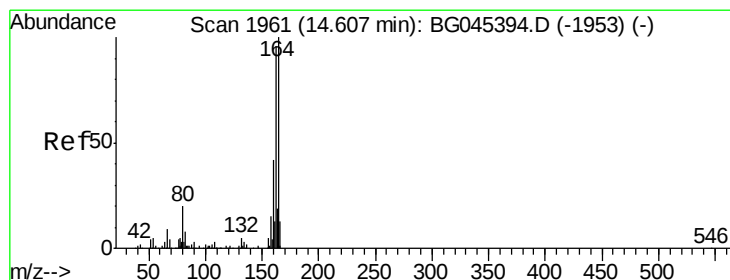
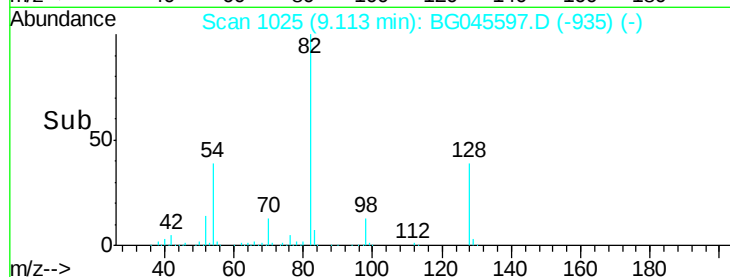
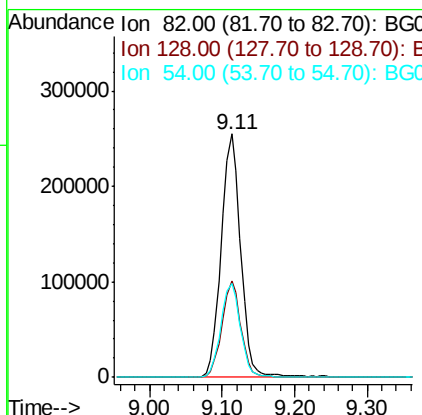
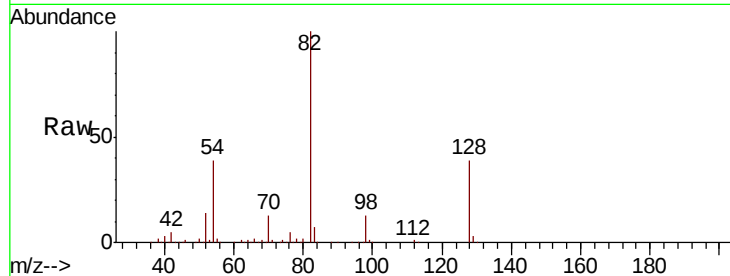




#23
Nitrobenzene-d5
Concen: 111.212 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045597.D
Acq: 4 Jun 2020 4:24

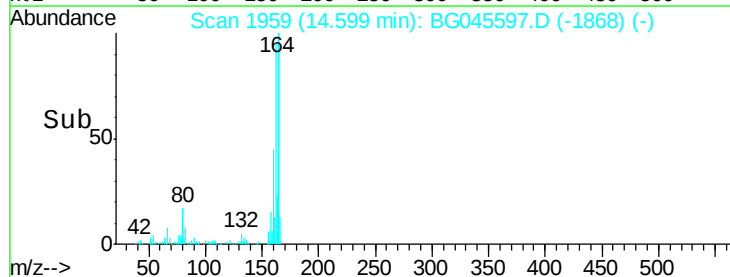
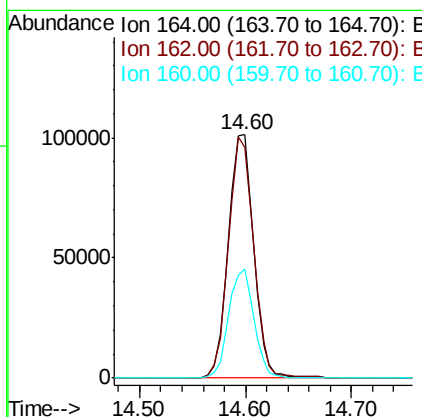
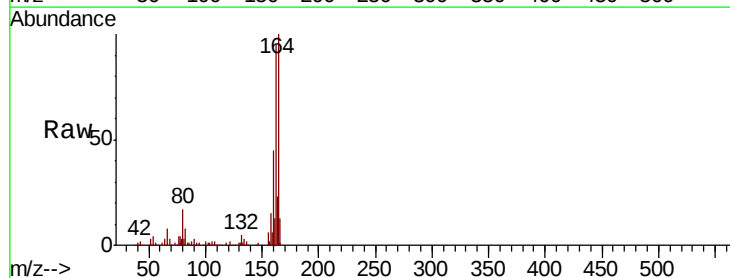
Instrument :
BNA_G
ClientSampleId :
PB129278BL

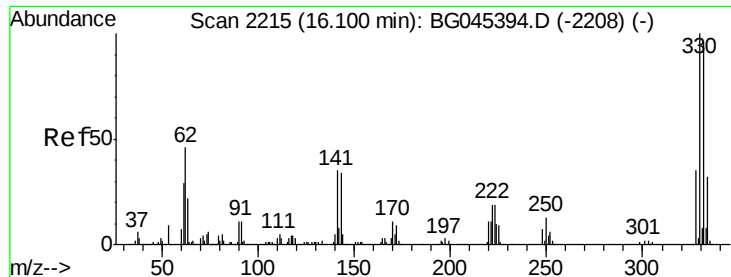
Tot Ion	82	Resp	477488
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.9	46.3
54	38.5	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045597.D
Acq: 4 Jun 2020 4:24

Tgt Ion	164	Resp	167799
Ion Ratio	Lower	Upper	
164	100		
162	95.0	76.9	115.3
160	44.9	33.8	50.8

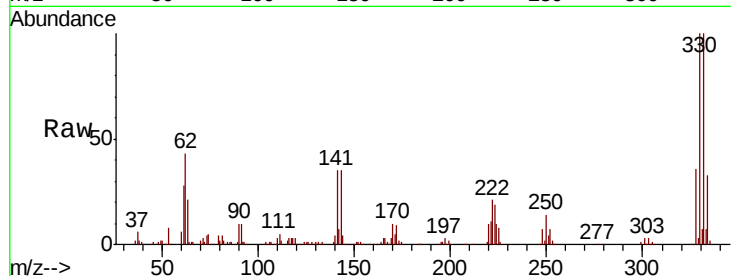




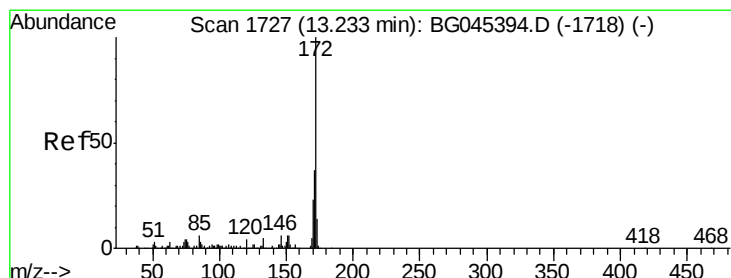
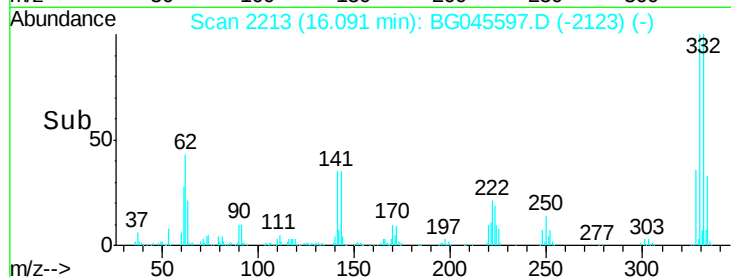
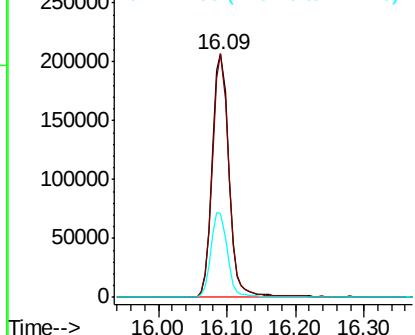
#42
 2,4,6-Tribromophenol
 Concen: 163.617 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045597.D
 Acq: 4 Jun 2020 4:24

Instrument :
 BNA_G
 ClientSampleId :
 PB129278BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	34.6	28.2	42.4

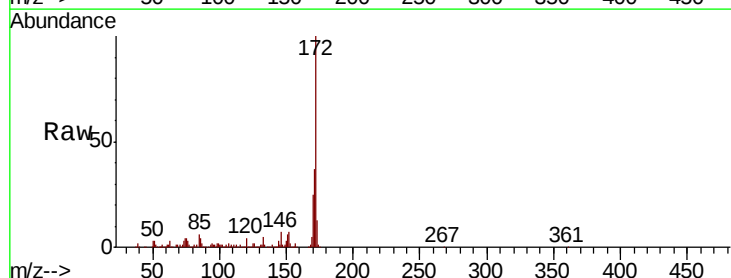


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

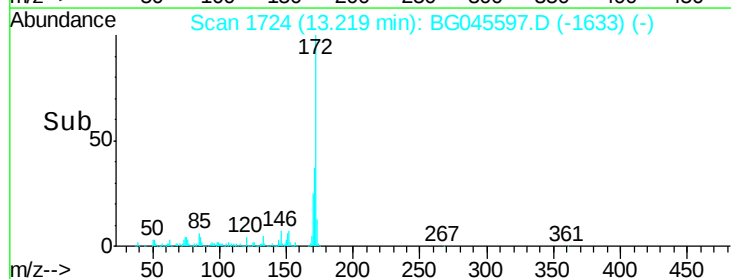
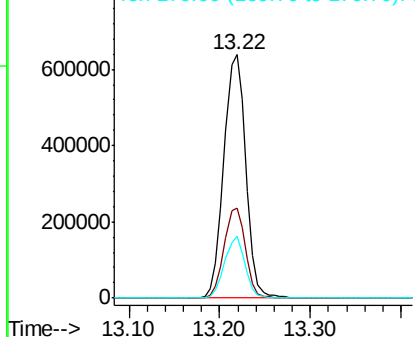


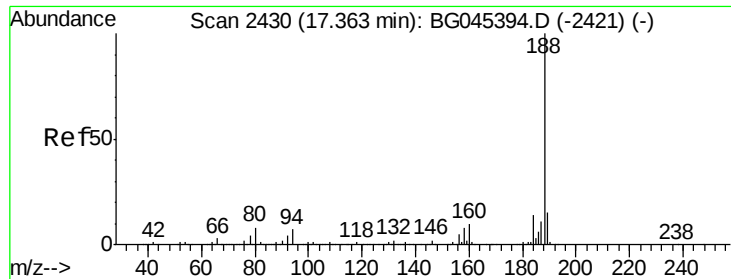
#45
 2-Fluorobiphenyl
 Concen: 108.848 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045597.D
 Acq: 4 Jun 2020 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	25.2	18.5	27.7



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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045597.D

Acq: 4 Jun 2020 4:24

Instrument :

BNA_G

ClientSampleId :

PB129278BL

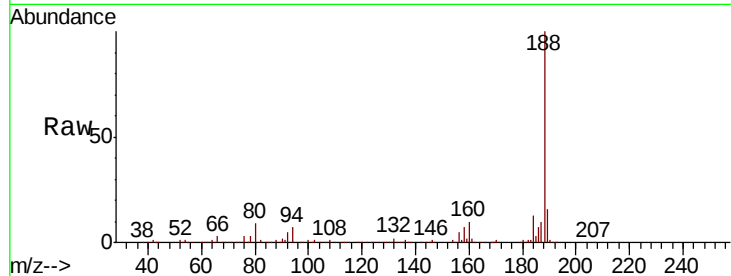
Tot Ion:188 Resp: 395465

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

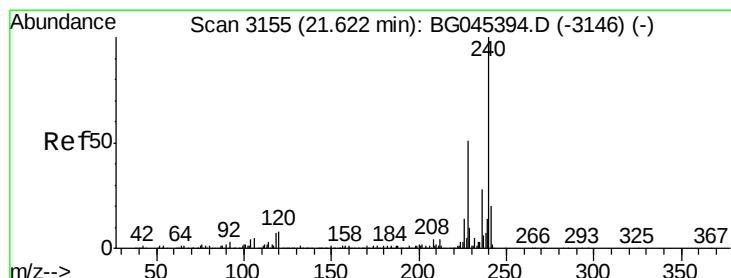
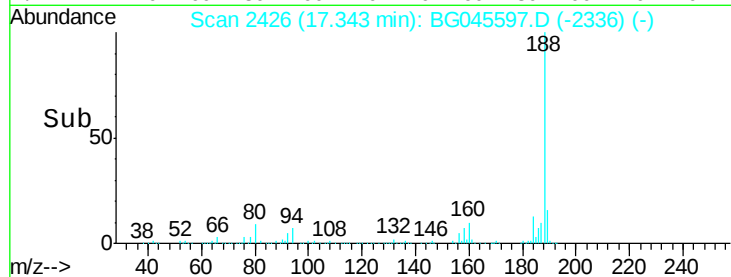
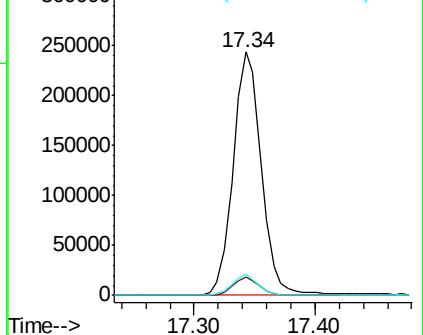
80 8.6 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045597.D

Acq: 4 Jun 2020 4:24

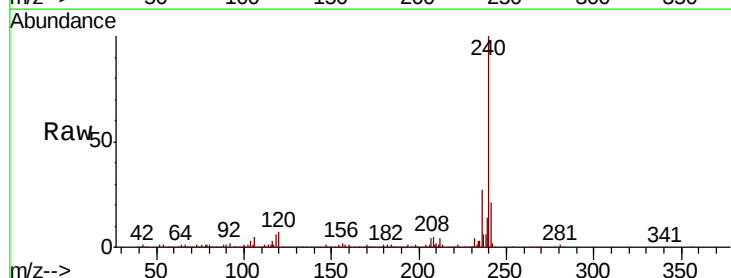
Tgt Ion:240 Resp: 382540

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

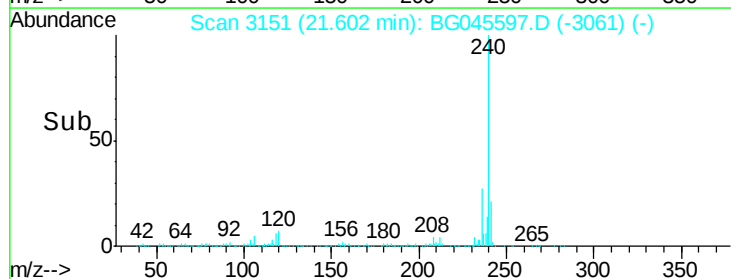
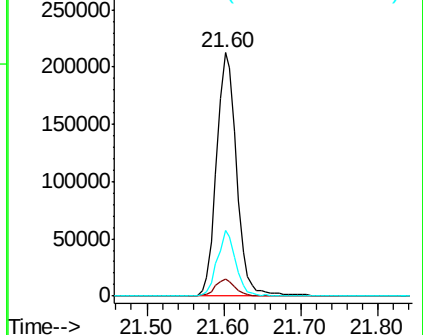
236 27.1 22.3 33.5

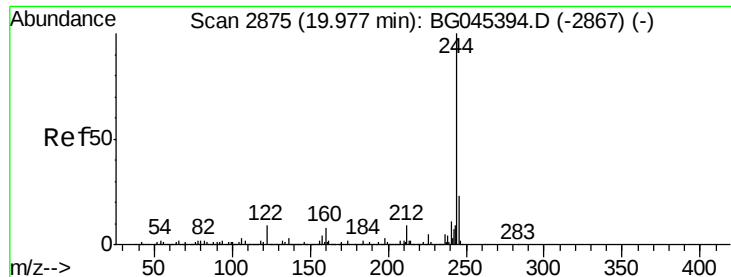


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.138 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045597.D

Acq: 4 Jun 2020 4:24

Instrument :

BNA_G

ClientSampleId :

PB129278BL

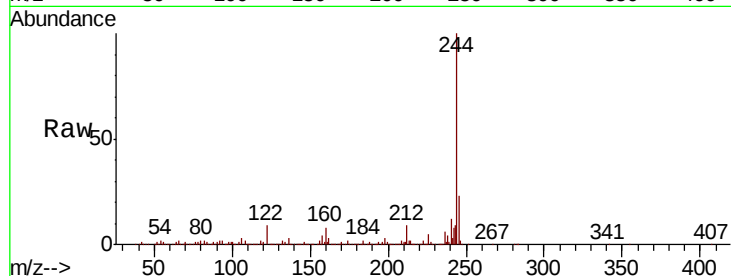
Tot Ion:244 Resp: 1806474

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

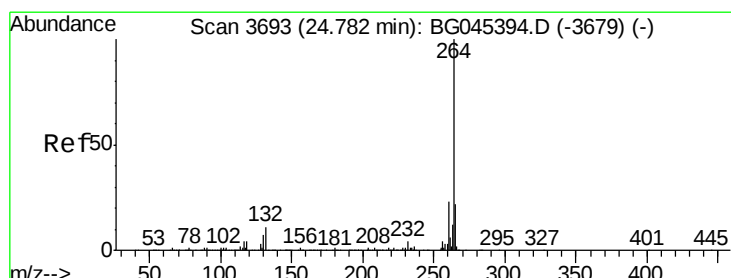
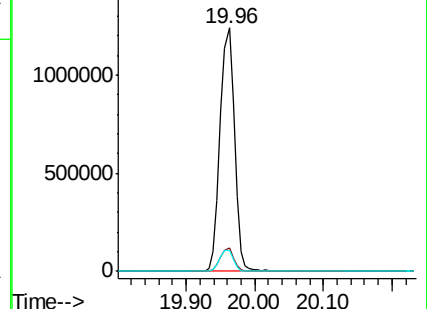
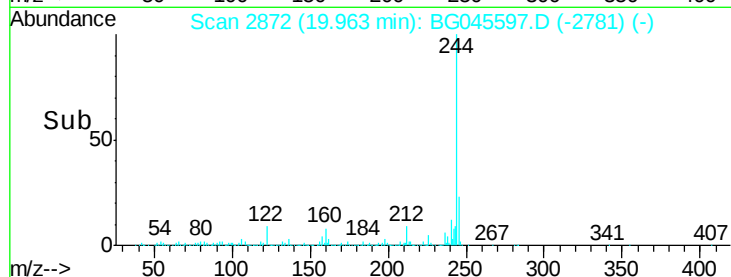
122 8.7 6.8 10.2



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: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045597.D

Acq: 4 Jun 2020 4:24

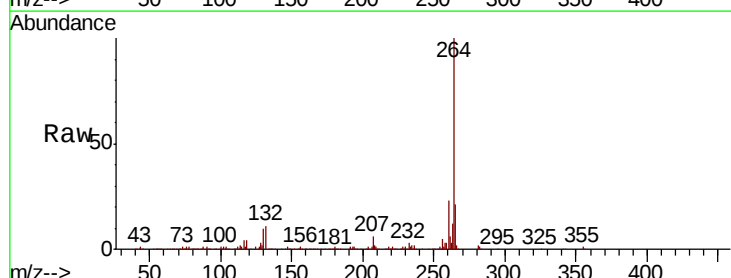
Tgt Ion:264 Resp: 395728

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.5 17.6 26.4



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

