

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045589.D
 Acq On : 3 Jun 2020 20:21
 Operator : CG/JU
 Sample : L2831-02 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20200529

Quant Time: Jun 04 03:41:36 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	64221	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	242069	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	156561	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	340427	20.00	ng	0.00
76) Chrysene-d12	21.61	240	345252	20.00	ng	0.00
87) Perylene-d12	24.77	264	341414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	22472	6.84	ng	0.00
7) Phenol-d6	7.16	99	20426	4.37	ng	0.00
23) Nitrobenzene-d5	9.11	82	46693	10.52	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	29200	14.58	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	106006	11.48	ng	0.00
79) Terphenyl-d14	19.97	244	179417	12.12	ng	0.00

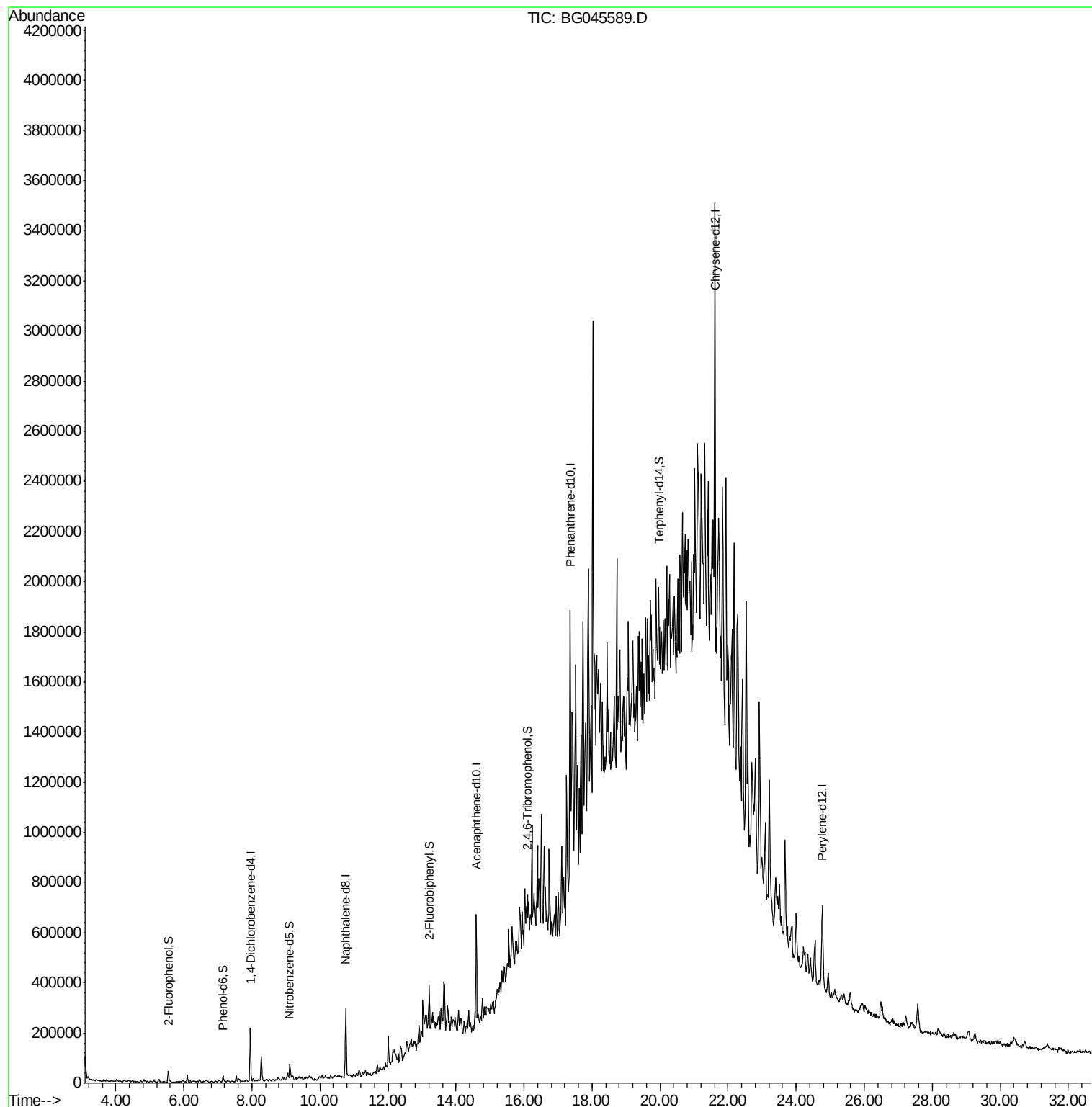
Target Compounds Qvalue

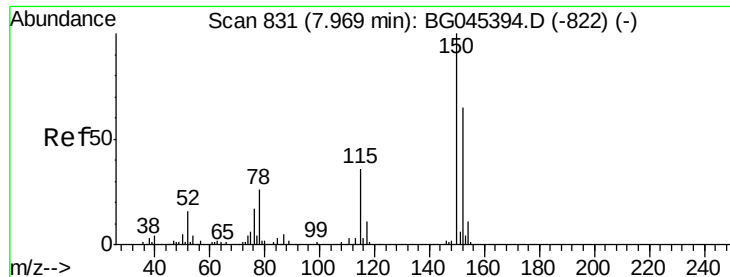
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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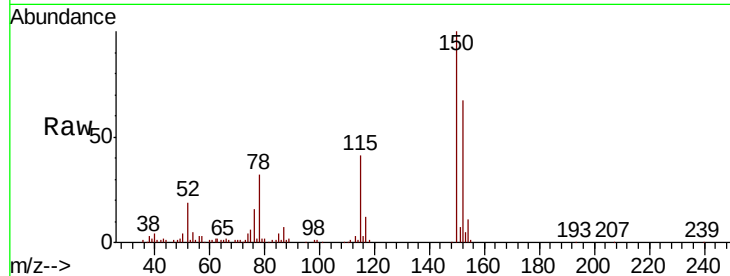


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045589.D
Acq: 3 Jun 2020 20:21

Instrument :
BNA_G
ClientSampleId :
WC-20200529

Tot Ion	152	Resp	64221
Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.4	183.6
115	61.0	44.2	66.4

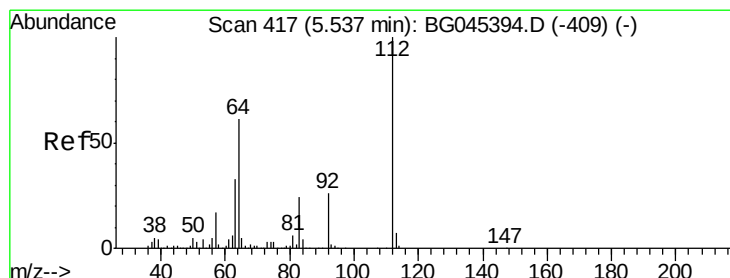
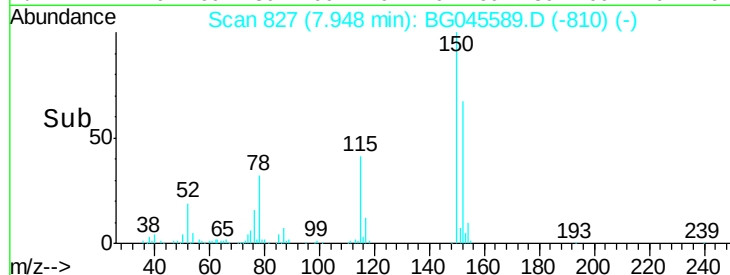
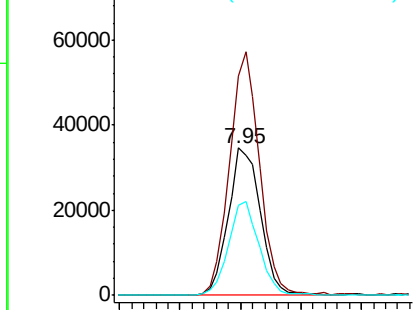


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

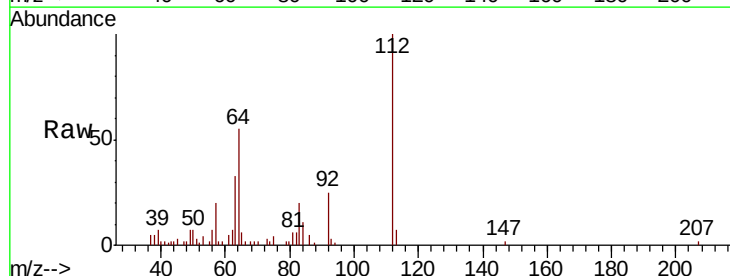
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.838 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045589.D
Acq: 3 Jun 2020 20:21

Tgt Ion	112	Resp	22472
Ion	Ratio	Lower	Upper
112	100		
64	54.8	48.6	72.8
63	33.2	26.5	39.7

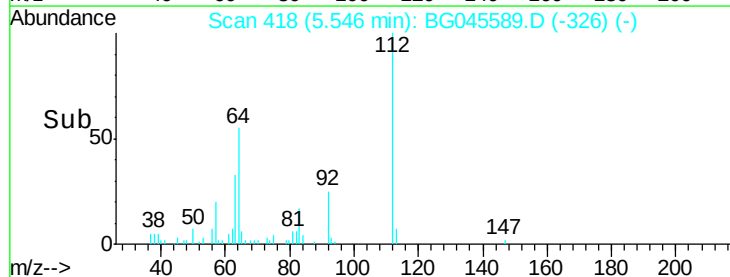
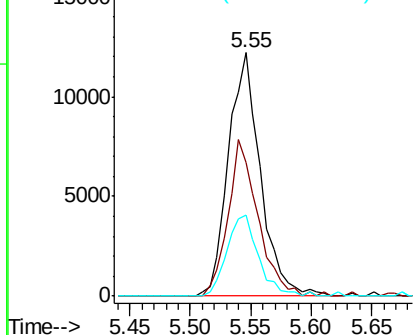


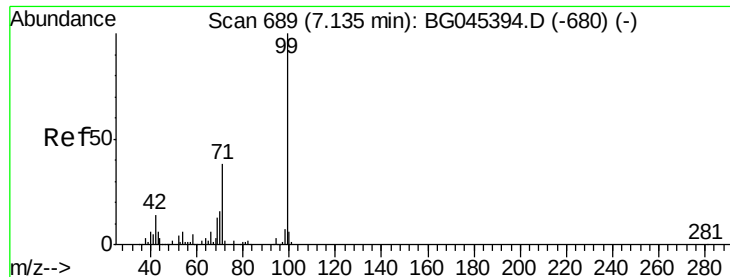
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 4.367 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

WC-20200529

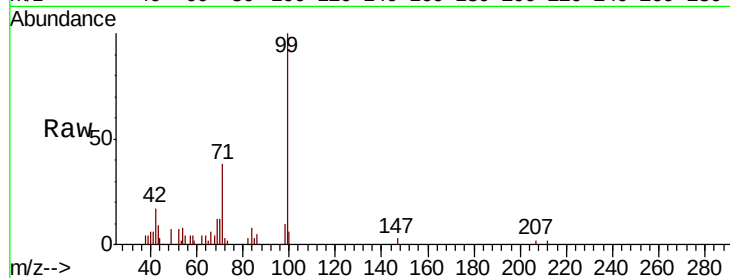
Tot Ion: 99 Resp: 20426

Ion Ratio Lower Upper

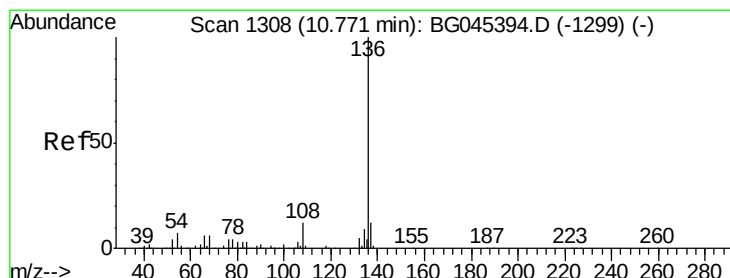
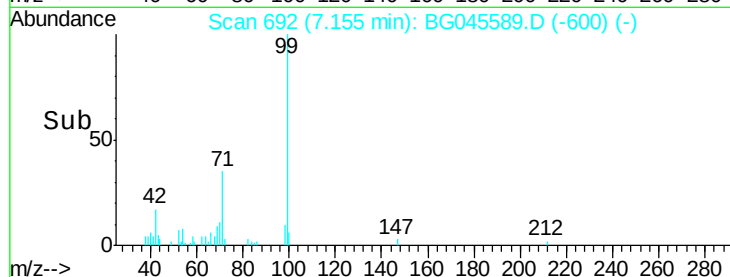
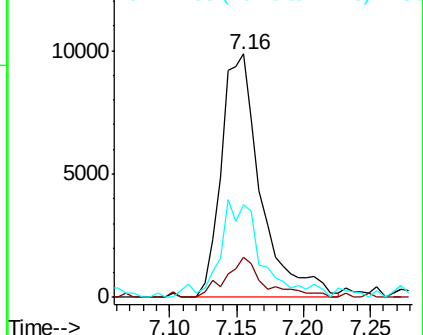
99 100

42 16.6 11.3 16.9

71 38.0 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# 1306

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Tgt Ion: 136 Resp: 242069

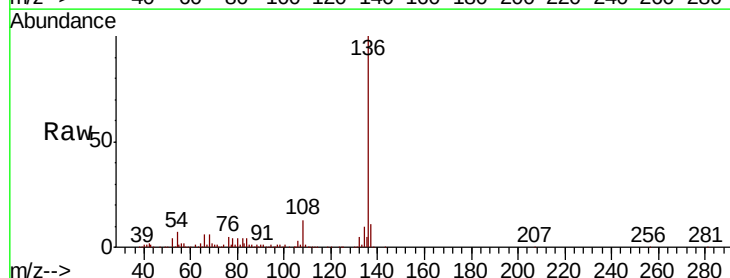
Ion Ratio Lower Upper

136 100

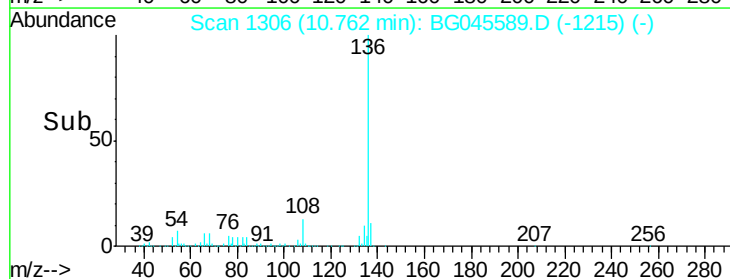
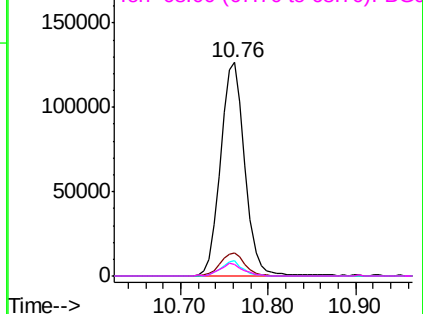
137 10.8 9.4 14.2

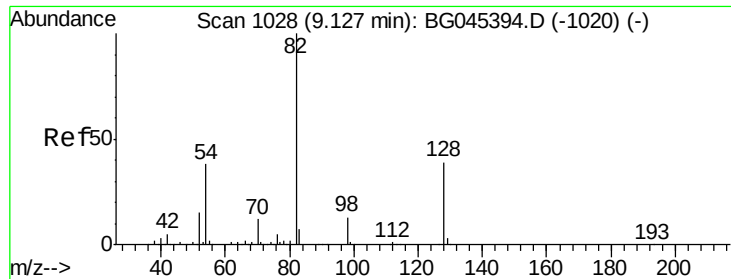
54 7.4 5.8 8.6

68 5.6 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: 10.519 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

WC-20200529

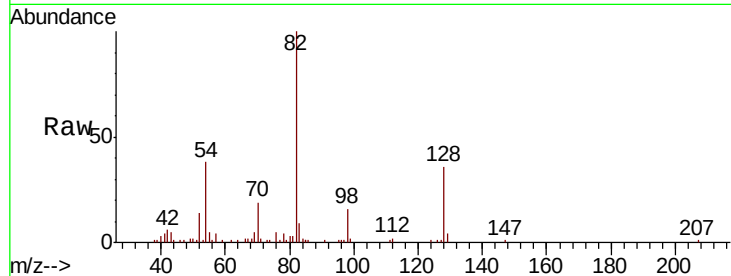
Tot Ion: 82 Resp: 46693

Ion Ratio Lower Upper

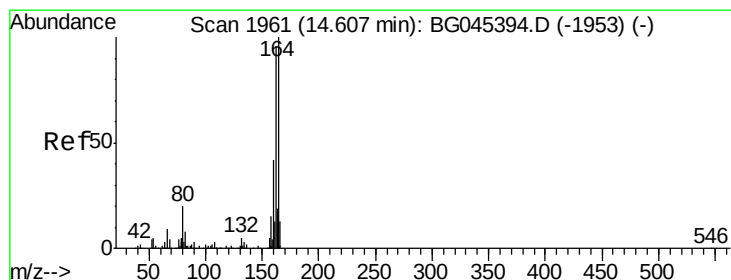
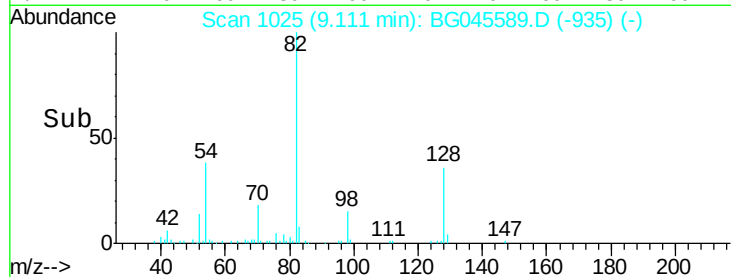
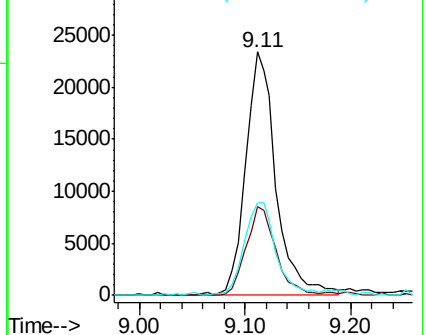
82 100

128 36.2 30.9 46.3

54 38.3 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

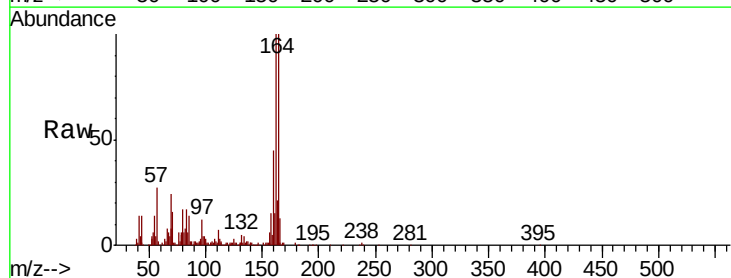
Tgt Ion: 164 Resp: 156561

Ion Ratio Lower Upper

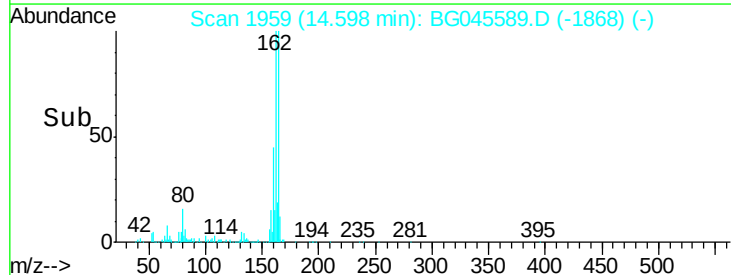
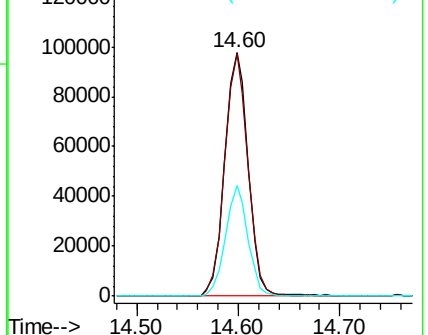
164 100

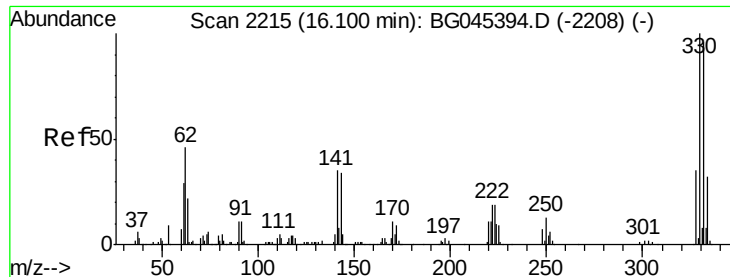
162 99.6 76.9 115.3

160 45.3 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

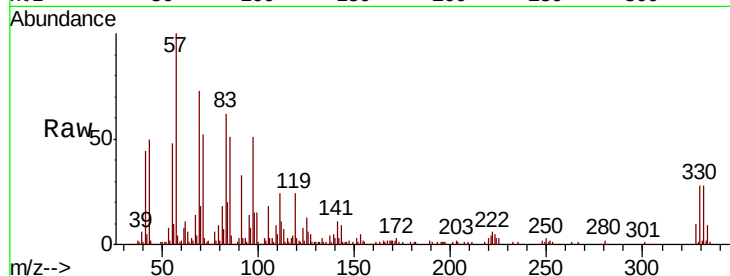




#42
 2,4,6-Tribromophenol
 Concen: 14.584 ng
 RT: 16.10 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG045589.D
 Acq: 3 Jun 2020 20:21

Instrument :
 BNA_G
 ClientSampleId :
 WC-20200529

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.2	117.4
141	35.5	28.2	42.4

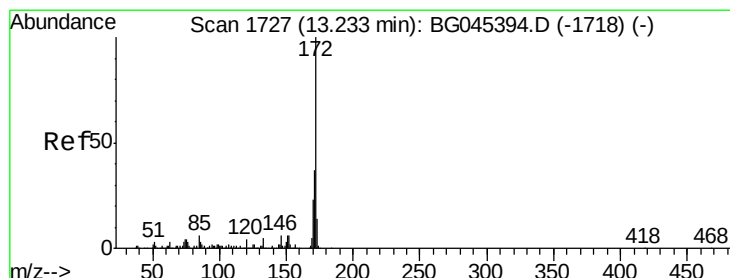
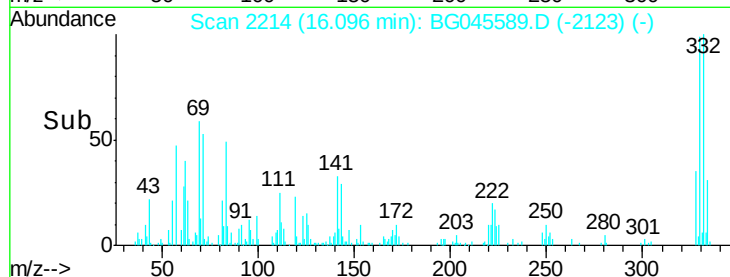
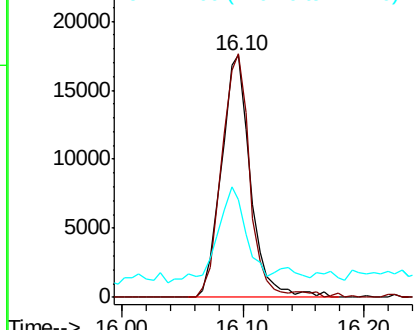


Abundance

Ion 329.80 (329.50 to 330.50): E

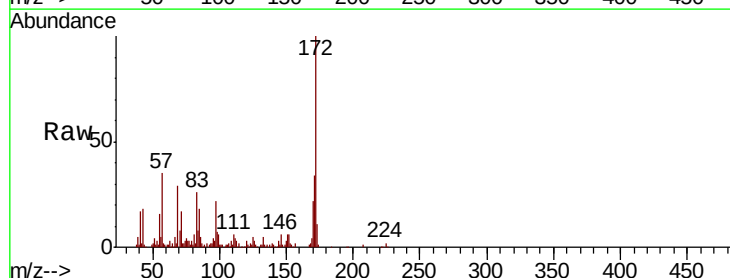
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.485 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045589.D
 Acq: 3 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.5	44.3
170	21.7	18.5	27.7

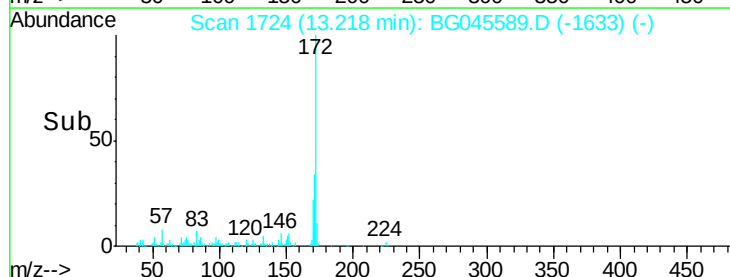
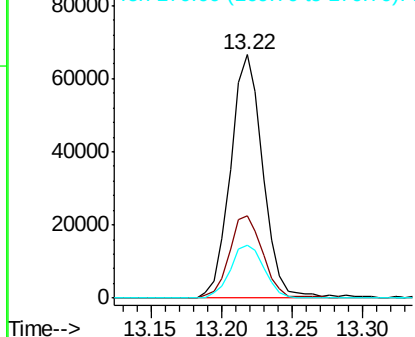


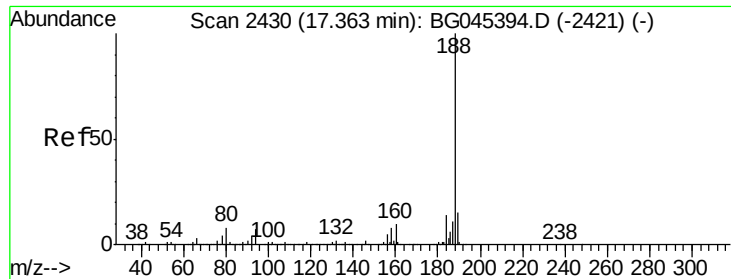
Abundance

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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

WC-20200529

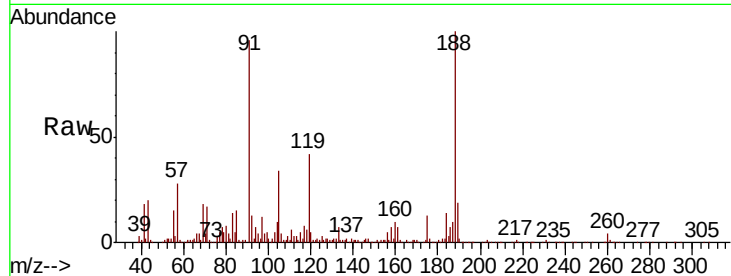
Tot Ion:188 Resp: 340427

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

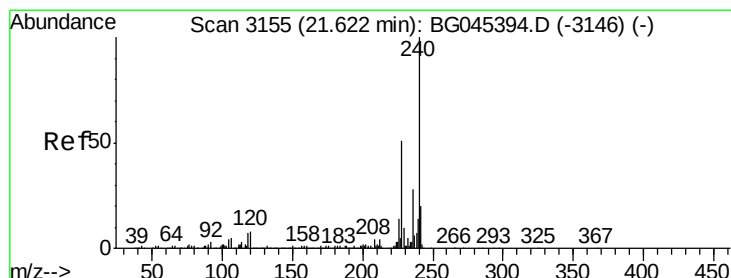
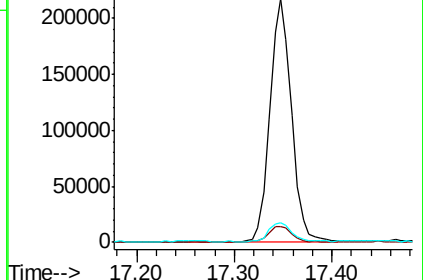
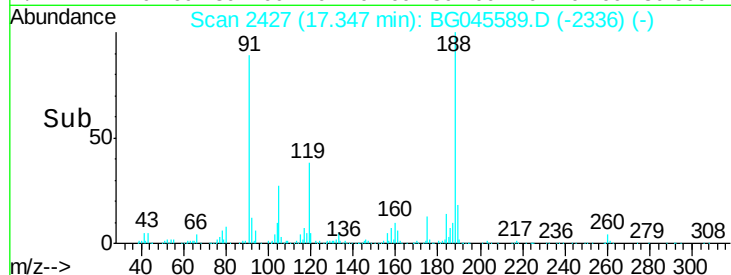
80 8.0 6.6 10.0



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: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

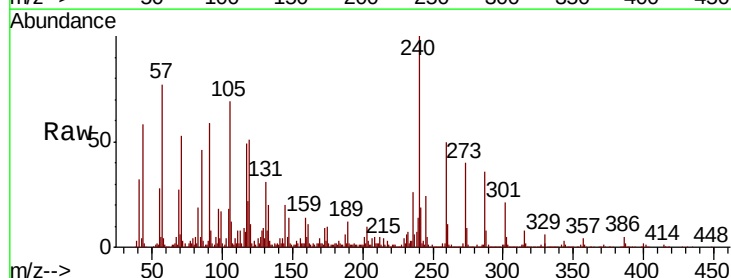
Tgt Ion:240 Resp: 345252

Ion Ratio Lower Upper

240 100

120 11.5 6.1 9.1#

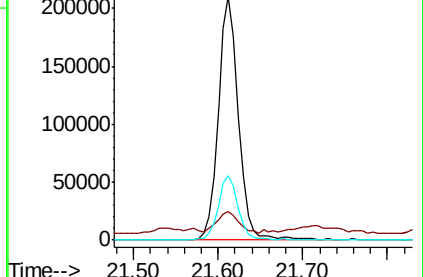
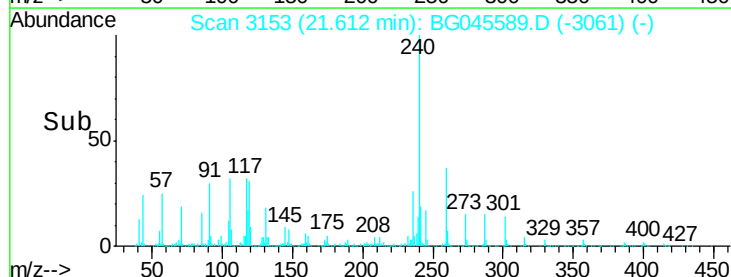
236 26.4 22.3 33.5

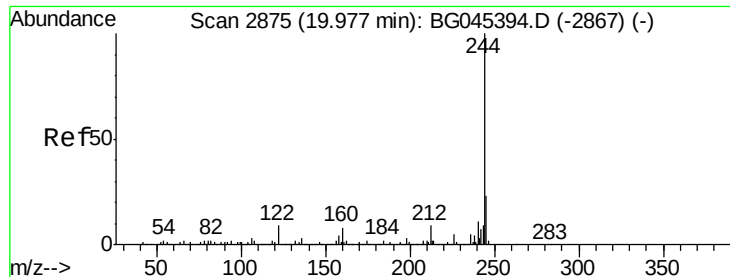


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.120 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

WC-20200529

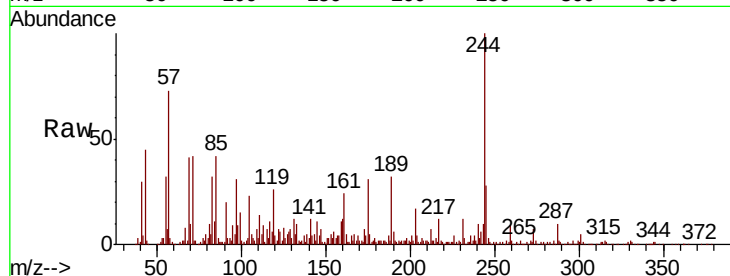
Tot Ion:244 Resp: 179417

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.0

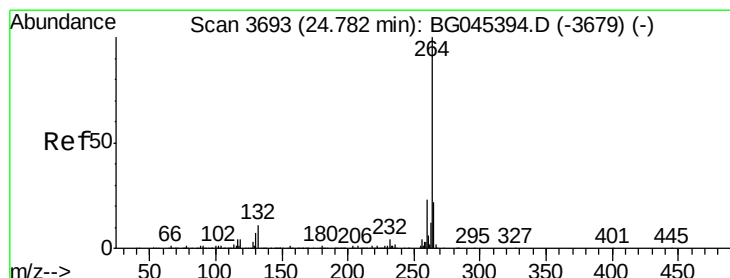
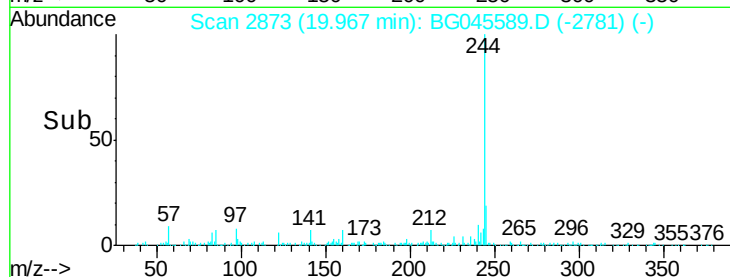
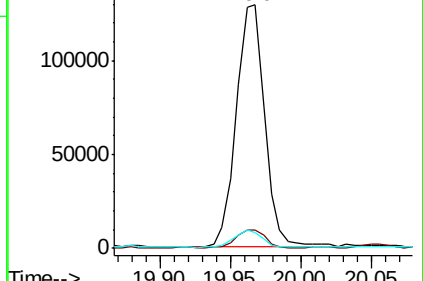
122 6.6 6.8 10.2#



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: 24.77 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

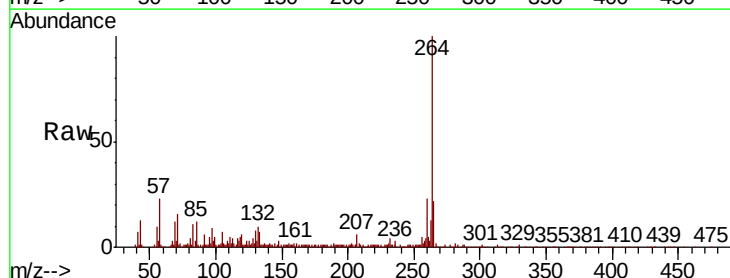
Tgt Ion:264 Resp: 341414

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.9 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

