

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045587.D
 Acq On : 3 Jun 2020 19:00
 Operator : CG/JU
 Sample : L2854-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Quant Time: Jun 04 03:35:17 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

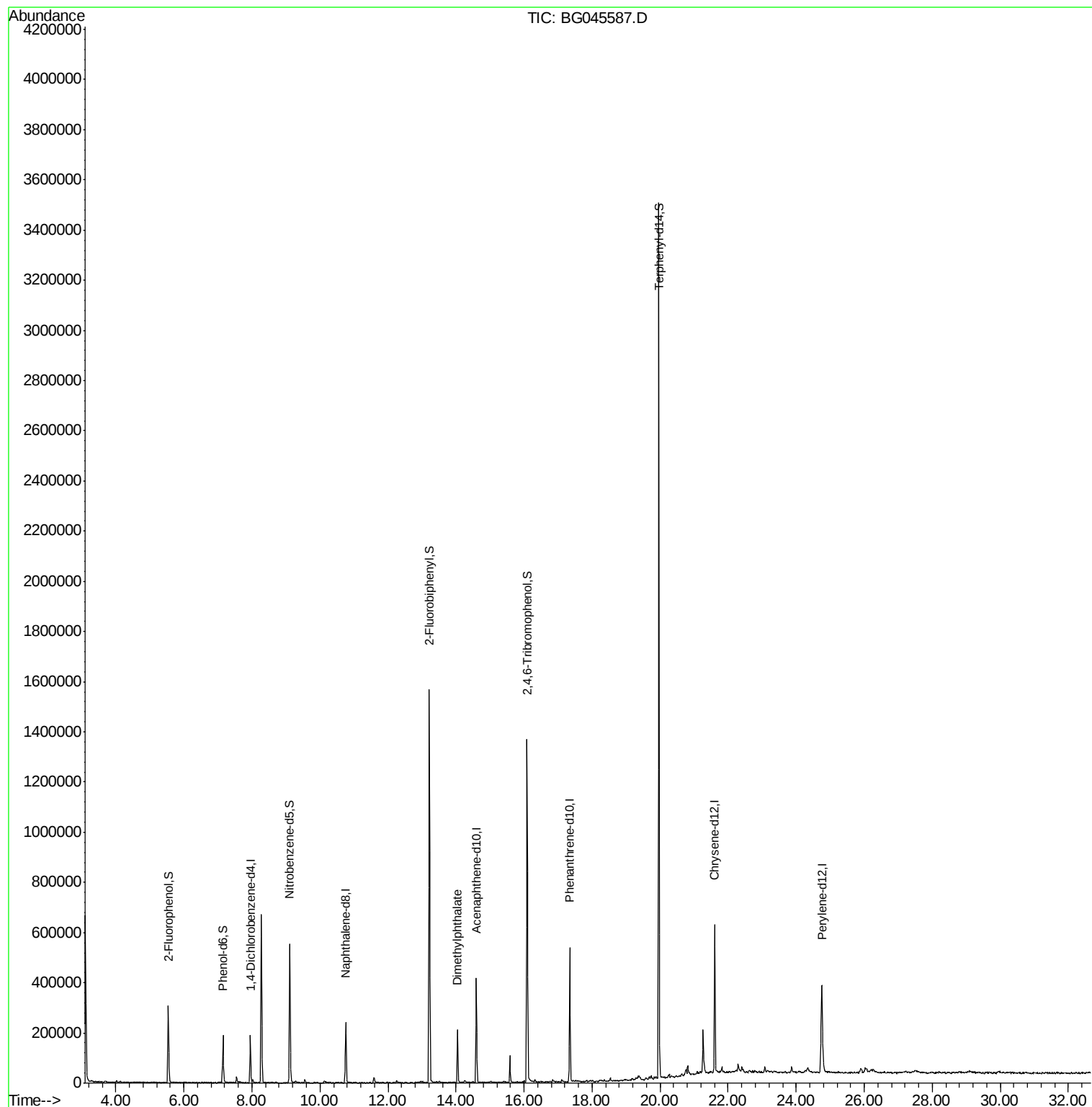
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	54916	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	214607	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	149649	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	357245	20.00	ng	0.00
76) Chrysene-d12	21.61	240	376351	20.00	ng	0.00
87) Perylene-d12	24.75	264	410266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	154696	55.05	ng	0.00
7) Phenol-d6	7.15	99	130160	32.54	ng	0.00
23) Nitrobenzene-d5	9.11	82	379768	96.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	284251	148.52	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	853211	96.71	ng	0.00
79) Terphenyl-d14	19.96	244	1680425	104.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	142695	13.900	ng	Qvalue 98

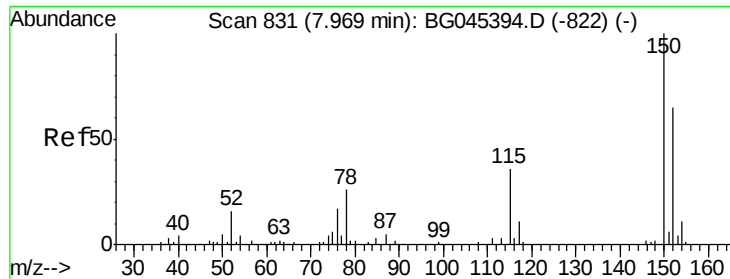
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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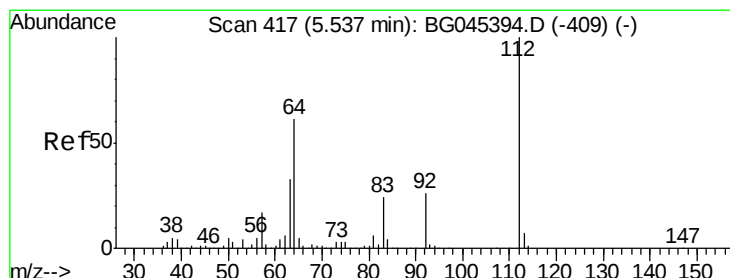
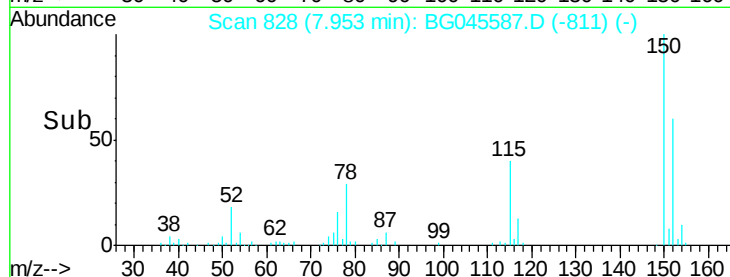
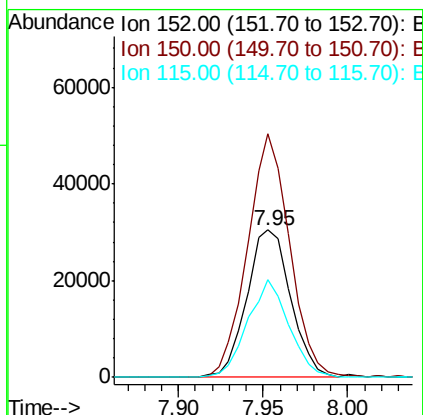
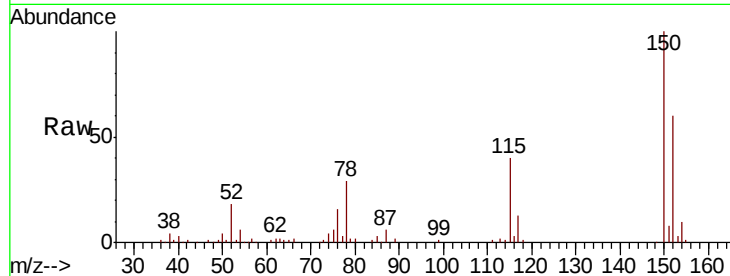


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Instrument :
BNA_G
ClientSampleId :
W-1

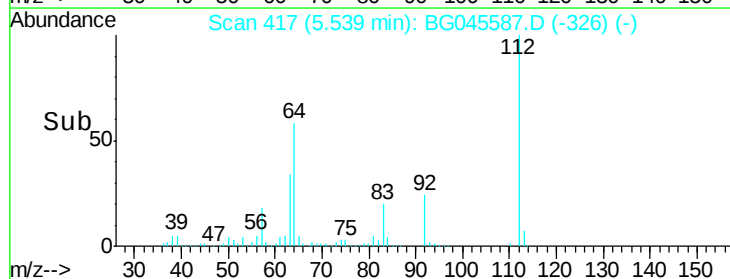
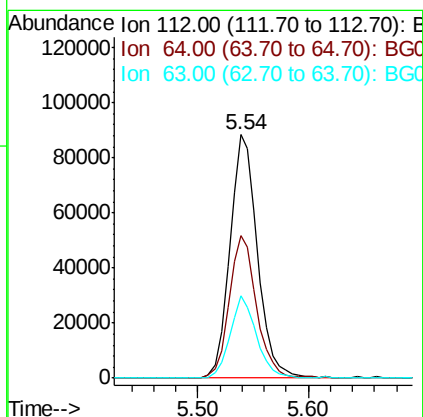
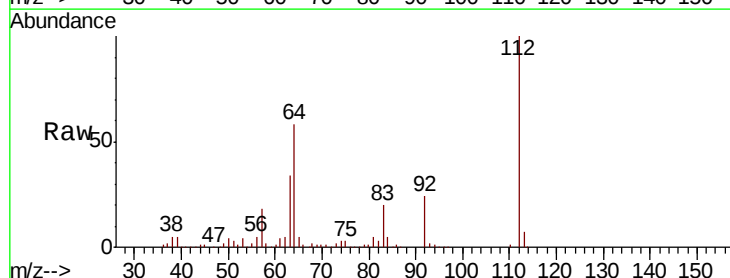
Tot Ion:152 Resp: 54916
Ion Ratio Lower Upper
152 100
150 165.6 122.4 183.6
115 66.2 44.2 66.4



#5

2-Fluorophenol
Concen: 55.052 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Tgt Ion:112 Resp: 154696
Ion Ratio Lower Upper
112 100
64 58.4 48.6 72.8
63 33.7 26.5 39.7





#7

Phenol-d6

Concen: 32.544 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampleId :

W-1

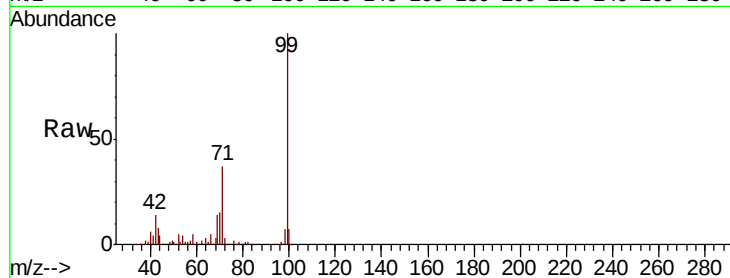
Tot Ion: 99 Resp: 130160

Ion Ratio Lower Upper

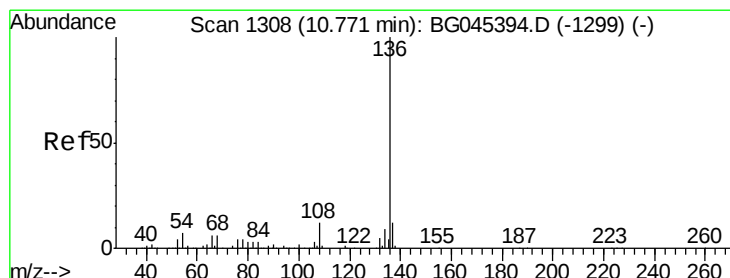
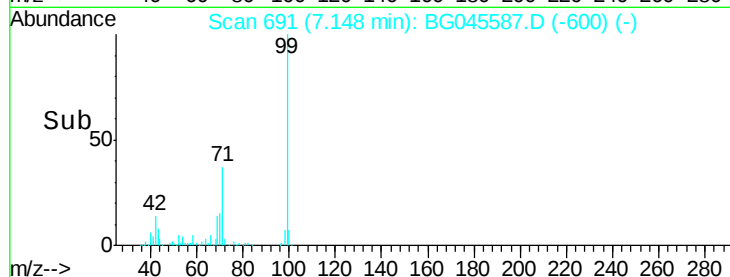
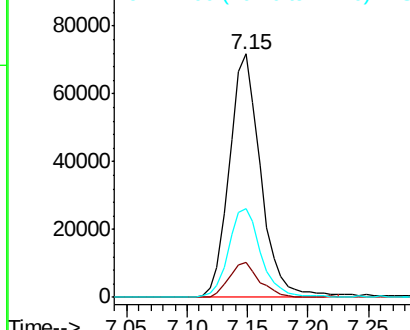
99 100

42 14.5 11.3 16.9

71 36.6 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: BG045587.D

Acq: 3 Jun 2020 19:00

Tgt Ion: 136 Resp: 214607

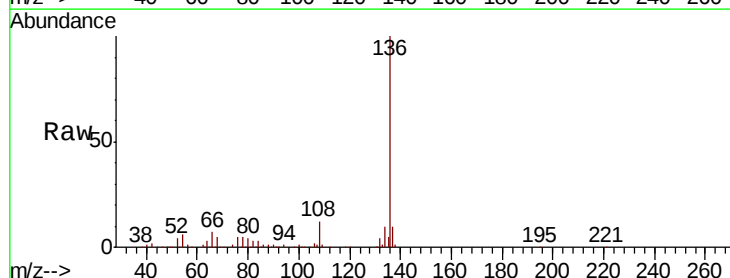
Ion Ratio Lower Upper

136 100

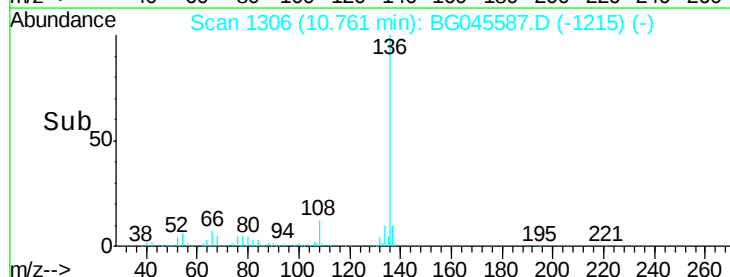
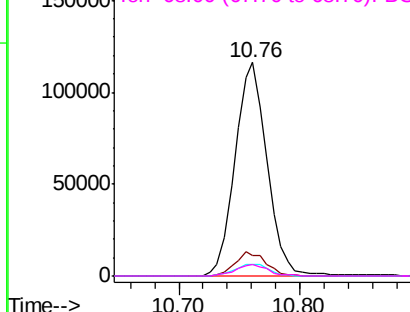
137 9.9 9.4 14.2

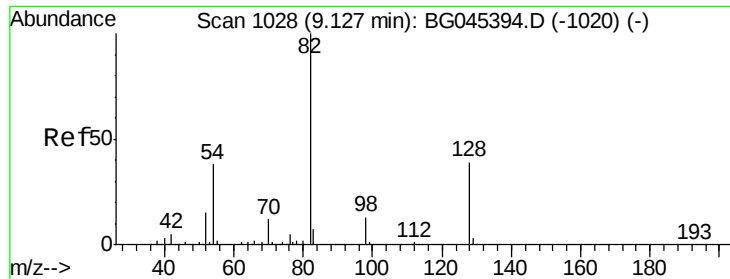
54 5.7 5.8 8.6#

68 5.2 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

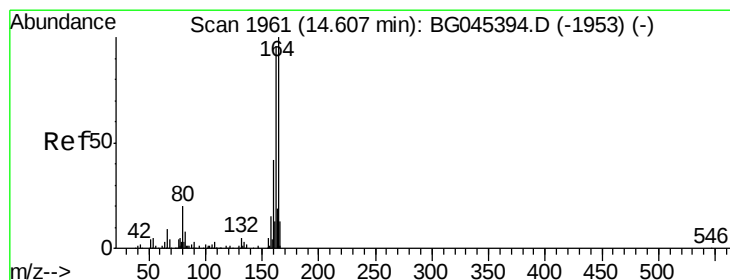
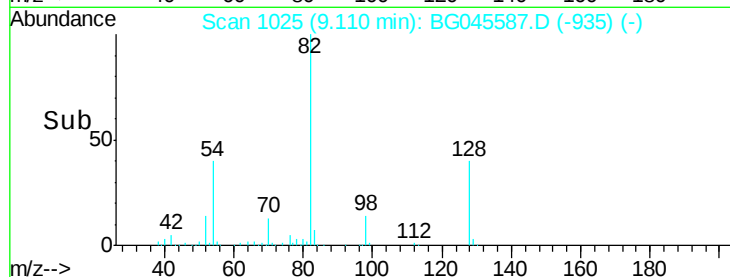
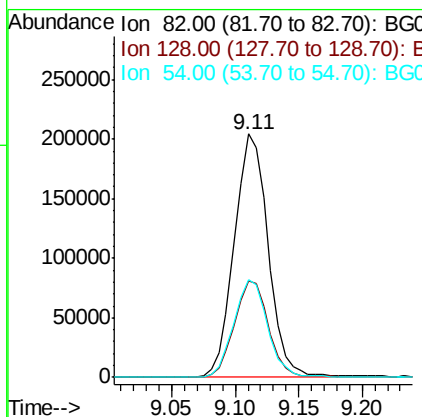
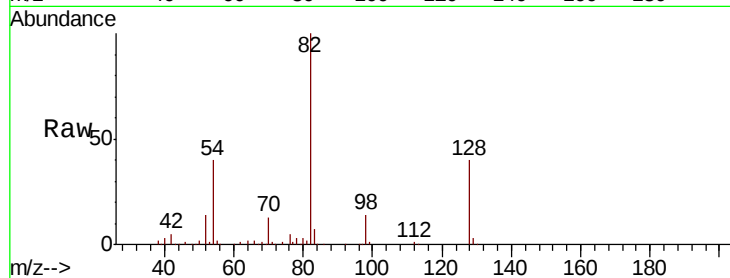




#23
Nitrobenzene-d5
Concen: 96.499 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

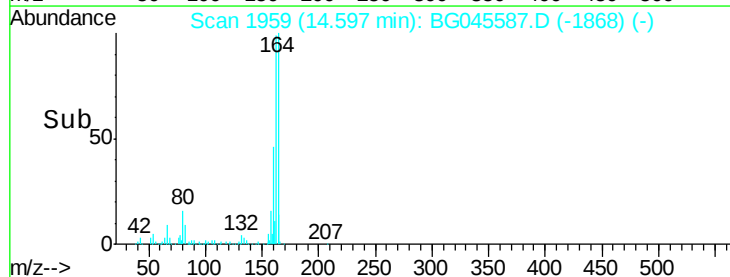
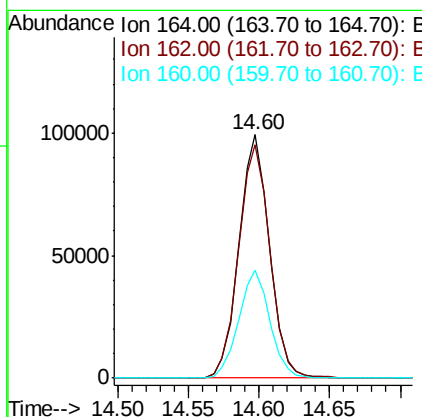
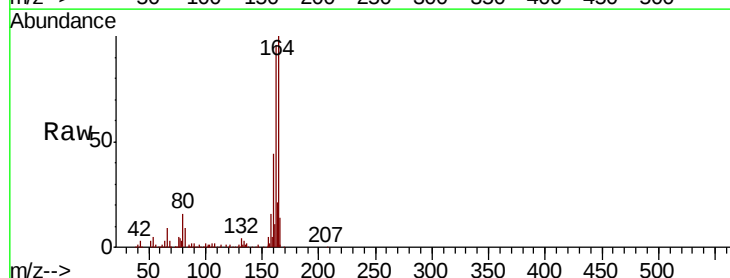
Instrument :
BNA_G
ClientSampleId :
W-1

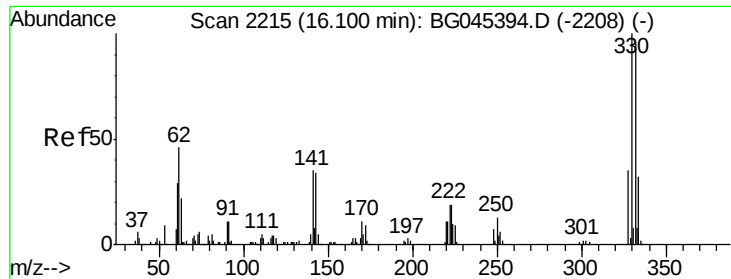
Tot Ion	82	Resp	379768
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.9	46.3
54	40.4	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Tgt Ion	164	Resp	149649
Ion Ratio	Lower	Upper	
164	100		
162	95.8	76.9	115.3
160	44.5	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 148.524 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampleId :

W-1

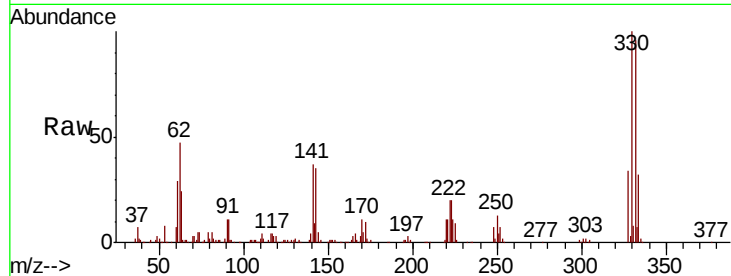
Tot Ion:330 Resp: 284251

Ion Ratio Lower Upper

330 100

332 98.5 78.2 117.4

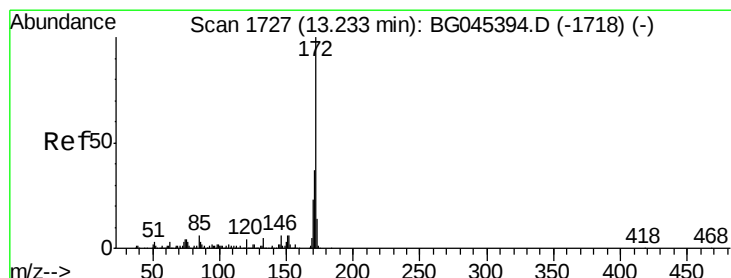
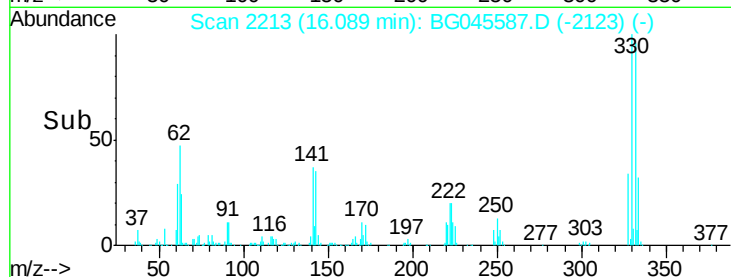
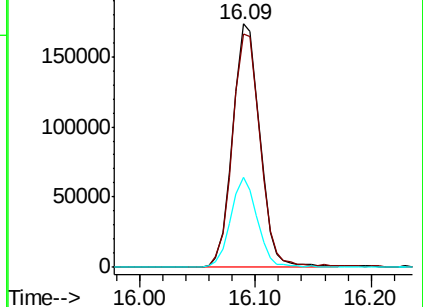
141 35.8 28.2 42.4



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: 96.708 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

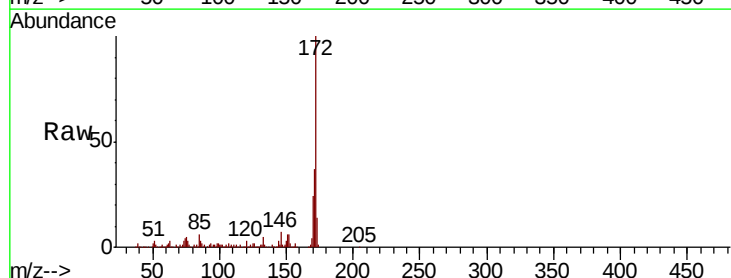
Tgt Ion:172 Resp: 853211

Ion Ratio Lower Upper

172 100

171 37.3 29.5 44.3

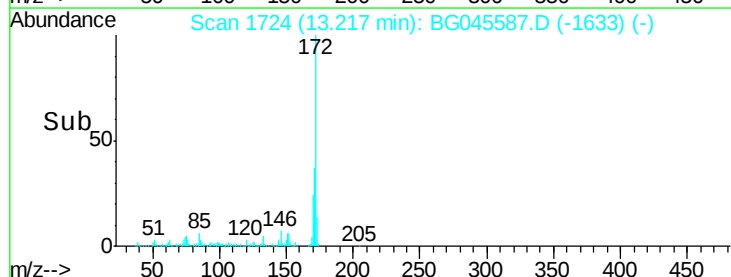
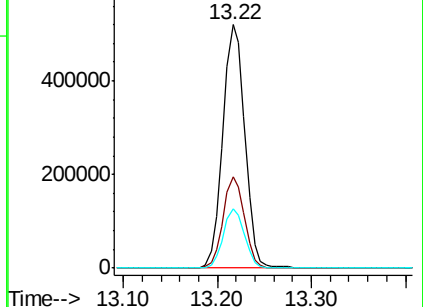
170 24.3 18.5 27.7



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





#50

Dimethylphthalate

Concen: 13.900 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

Instrument :

BNA_G

ClientSampleId :

W-1

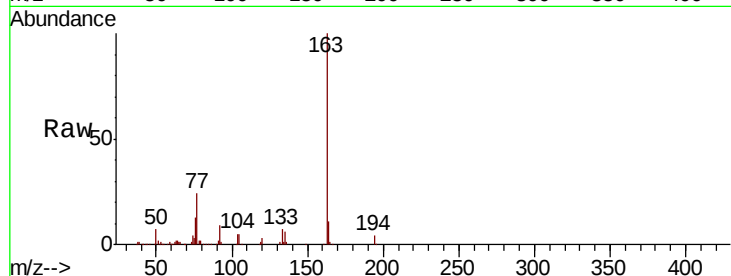
Tot Ion:163 Resp: 142695

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

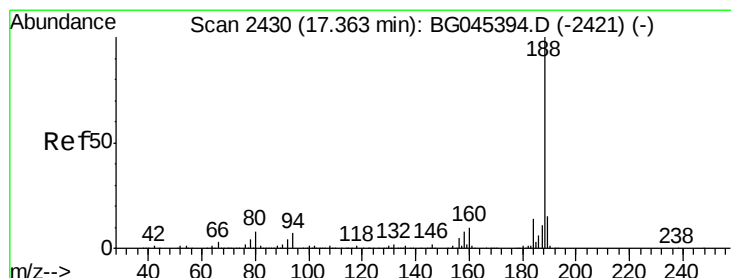
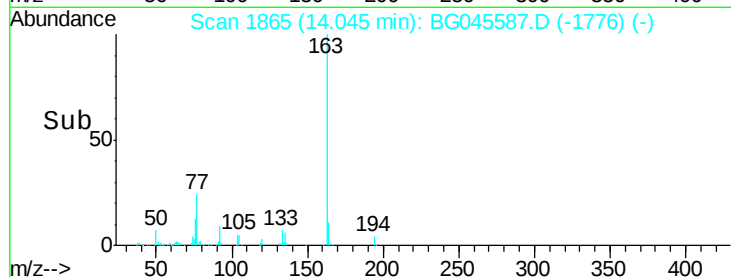
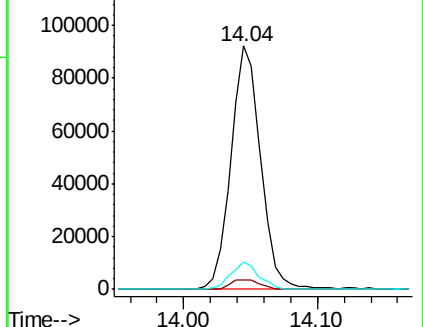
164 11.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045587.D

Acq: 3 Jun 2020 19:00

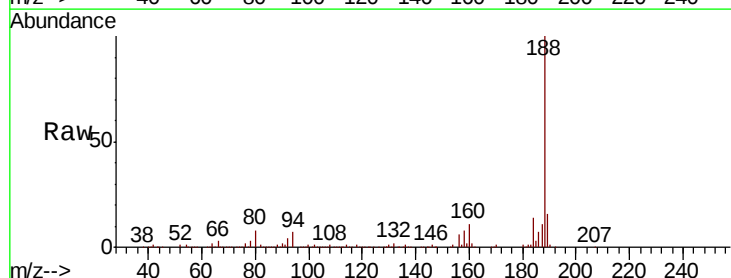
Tgt Ion:188 Resp: 357245

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

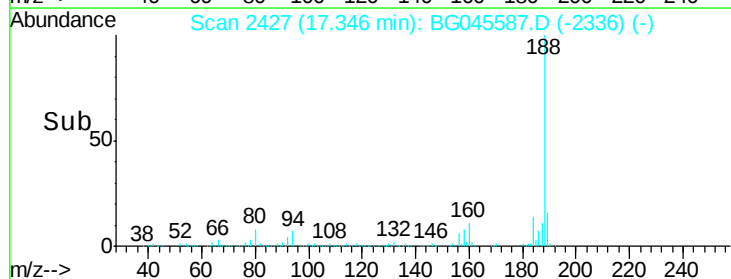
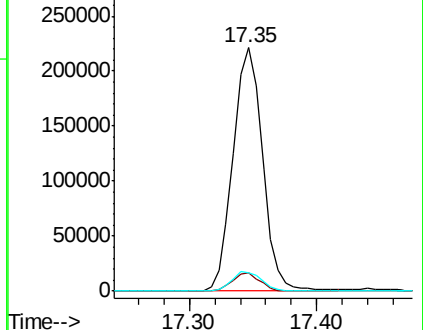
80 7.5 6.6 10.0

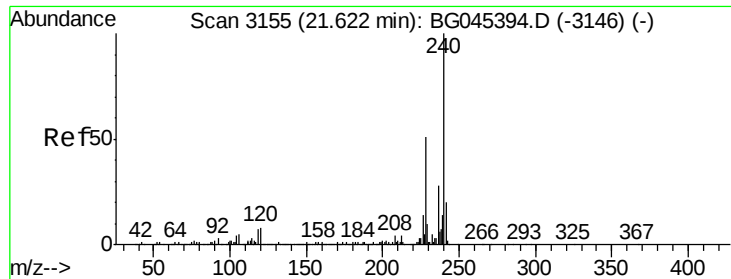


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

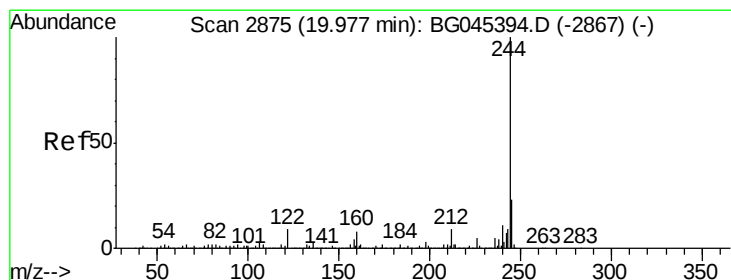
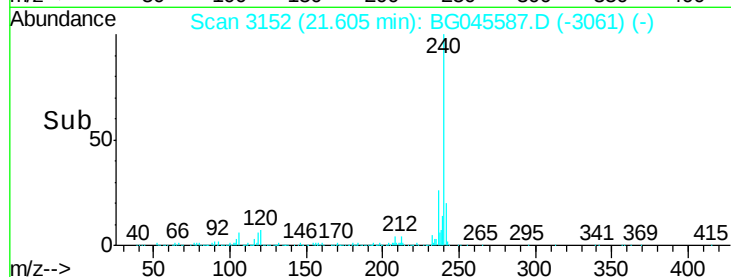
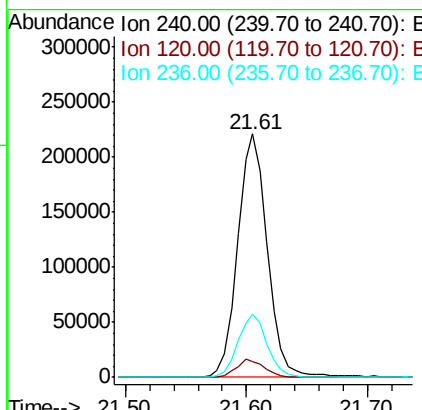
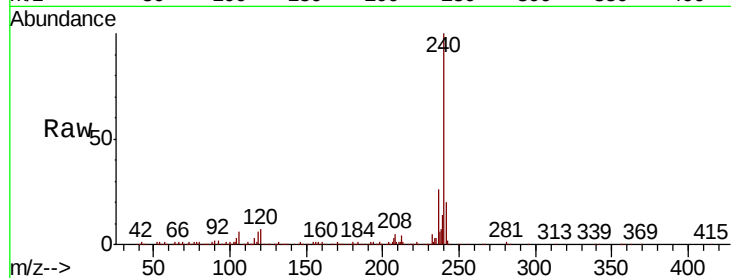




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG045587.D
 Acq: 3 Jun 2020 19:00

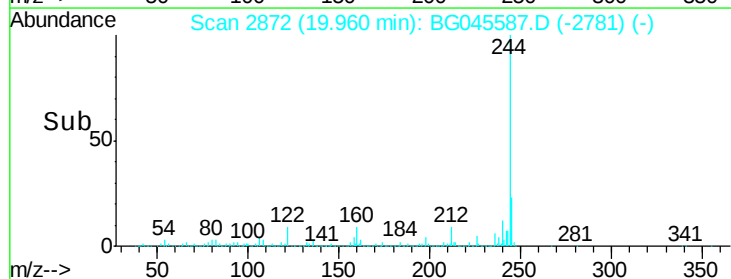
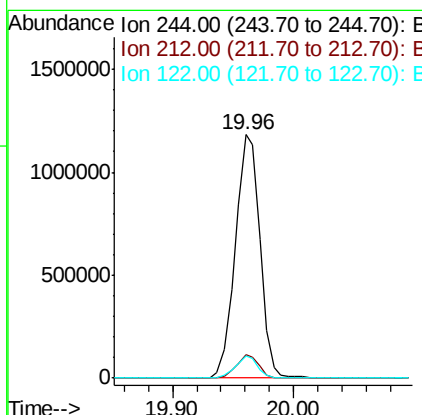
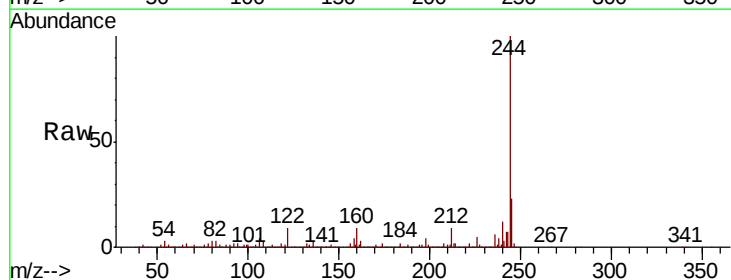
Instrument :
 BNA_G
 ClientSampled :
 W-1

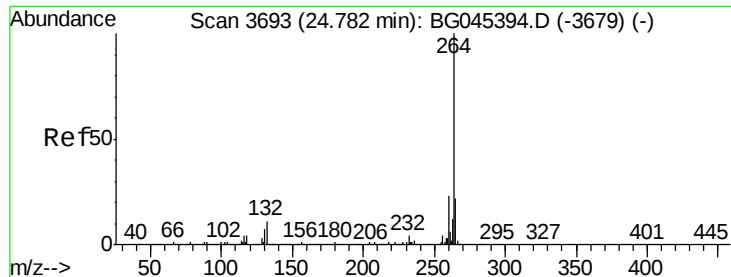
Tot Ion:240 Resp: 376351
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.1 9.1
 236 25.9 22.3 33.5



#79
 Terphenyl-d14
 Concen: 104.138 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045587.D
 Acq: 3 Jun 2020 19:00

Tgt Ion:244 Resp: 1680425
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.0
 122 9.0 6.8 10.2

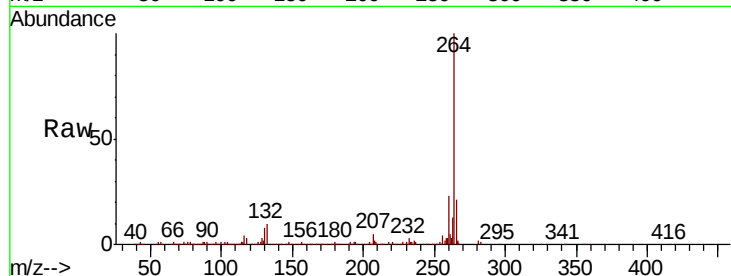




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045587.D
Acq: 3 Jun 2020 19:00

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:	264	Resp:	410266
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.2	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

