

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045588.D
 Acq On : 3 Jun 2020 19:40
 Operator : CG/JU
 Sample : L2838-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VH-DUCT-A

Quant Time: Jun 04 03:38:09 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

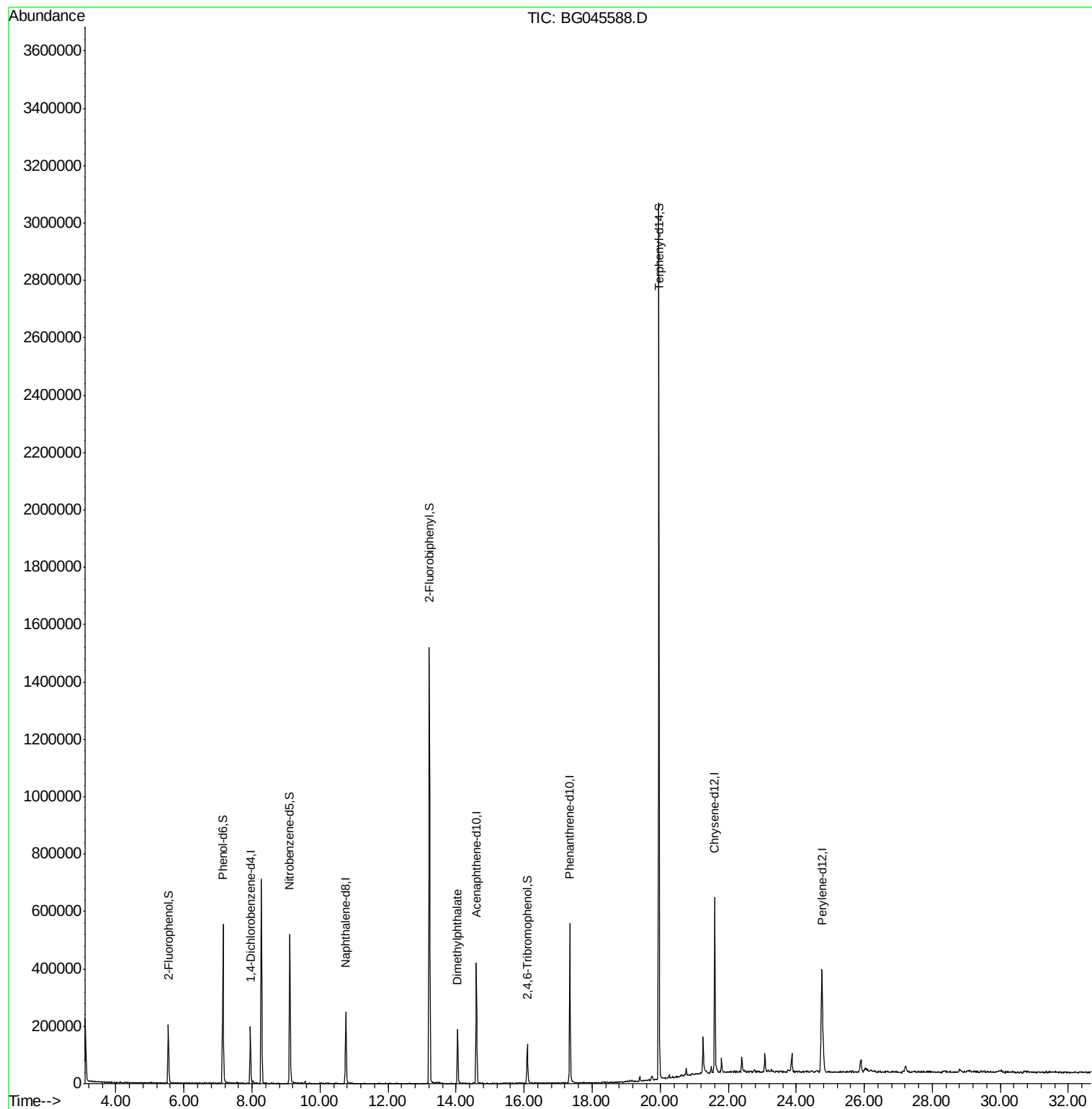
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58030	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	224113	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	160273	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	381906	20.00	ng	0.00
76) Chrysene-d12	21.60	240	380459	20.00	ng	0.00
87) Perylene-d12	24.75	264	407552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	102871	34.64	ng	0.00
7) Phenol-d6	7.15	99	381593	90.29	ng	0.00
23) Nitrobenzene-d5	9.11	82	373147	90.79	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	34322	16.74	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	869876	92.06	ng	0.00
79) Terphenyl-d14	19.96	244	1582019	96.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	140789	12.805	ng	Qvalue 99

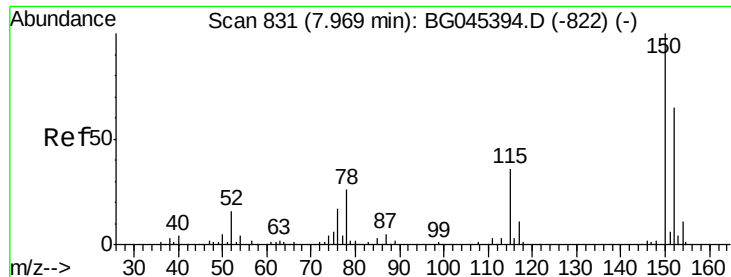
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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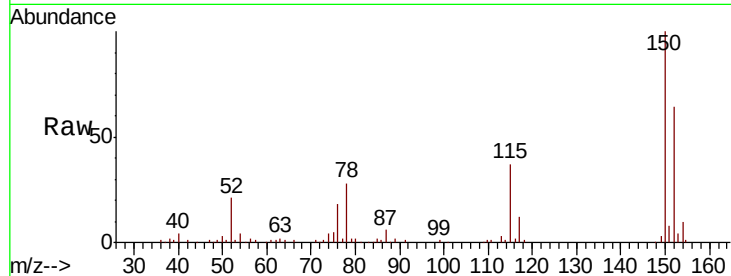


#1

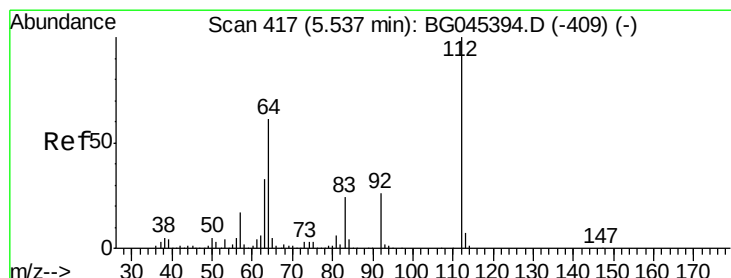
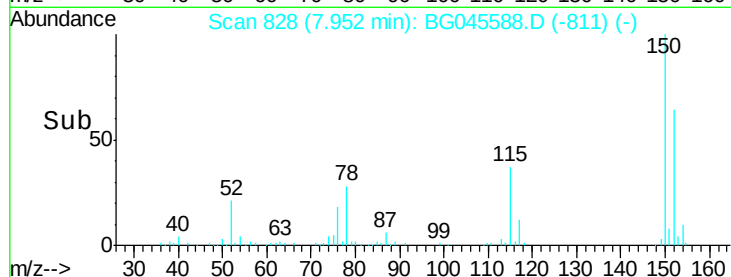
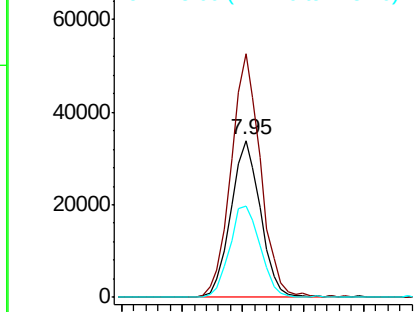
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Instrument :
BNA_G
ClientSampleId :
VH-DUCT-A

Tot Ion:152 Resp: 58030
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 58.2 44.2 66.4



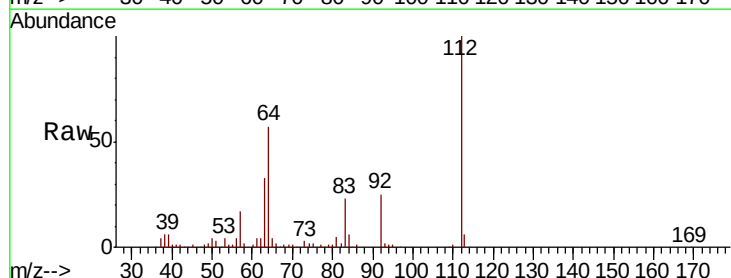
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



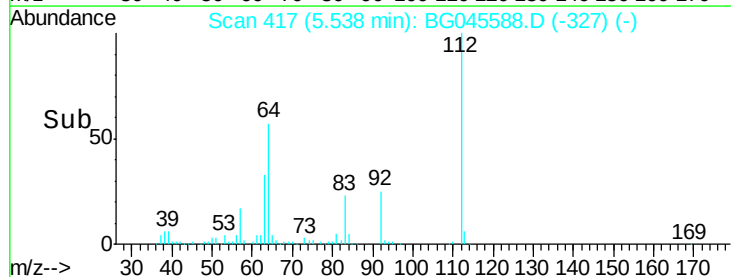
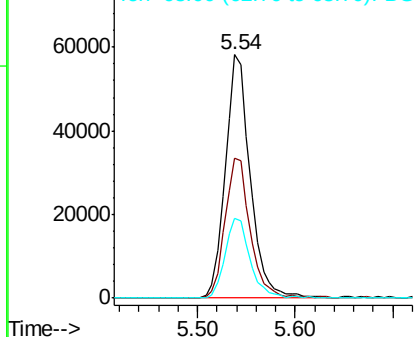
#5

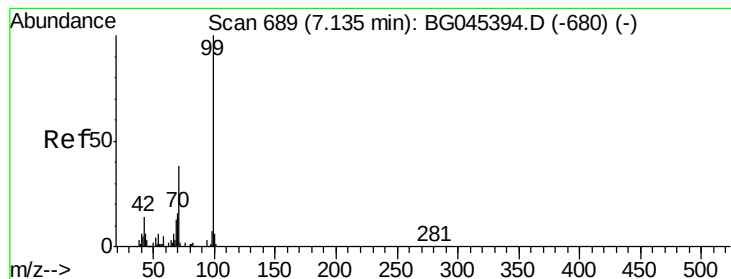
2-Fluorophenol
Concen: 34.644 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Tgt Ion:112 Resp: 102871
Ion Ratio Lower Upper
112 100
64 57.3 48.6 72.8
63 32.6 26.5 39.7



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: 90.290 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampleId :

VH-DUCT-A

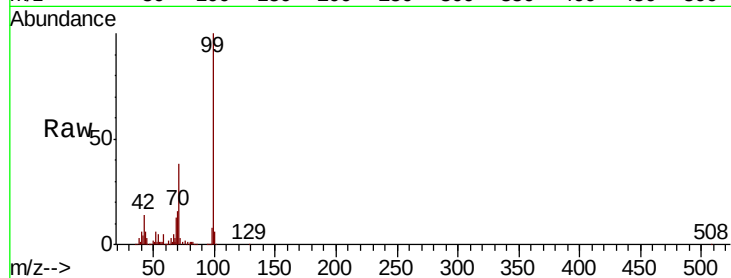
Tot Ion: 99 Resp: 381593

Ion Ratio Lower Upper

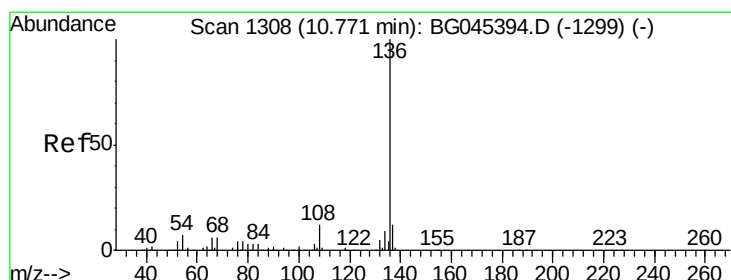
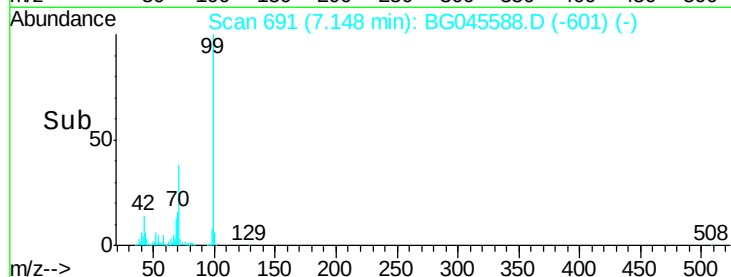
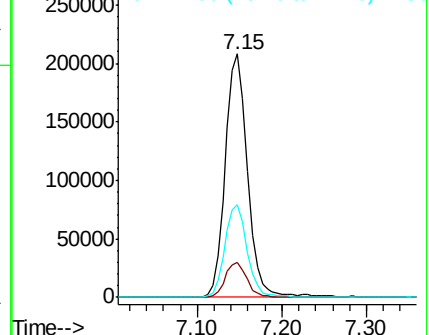
99 100

42 14.5 11.3 16.9

71 37.8 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: BG045588.D

Acq: 3 Jun 2020 19:40

Tgt Ion: 136 Resp: 224113

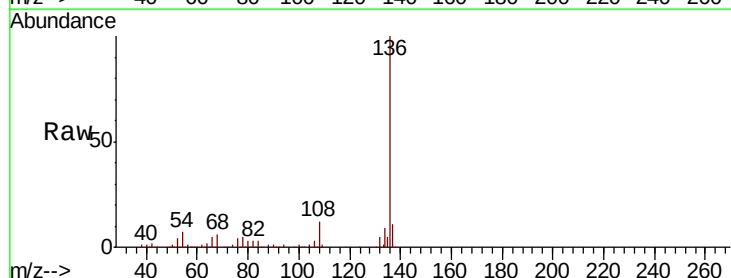
Ion Ratio Lower Upper

136 100

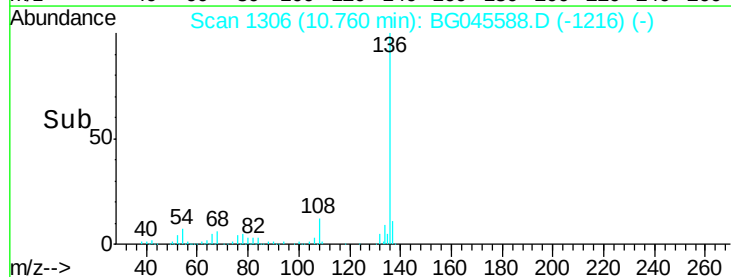
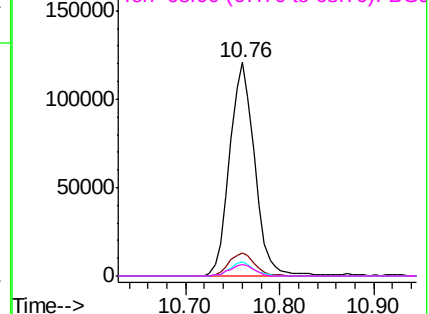
137 10.5 9.4 14.2

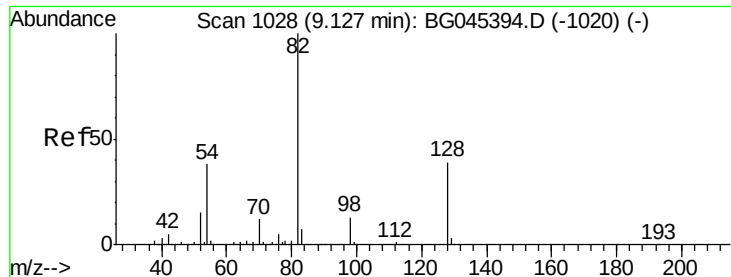
54 6.8 5.8 8.6

68 5.7 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

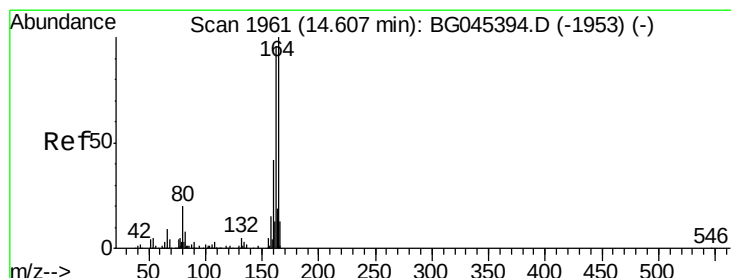
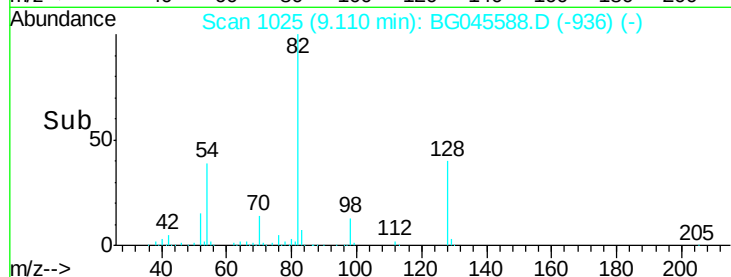
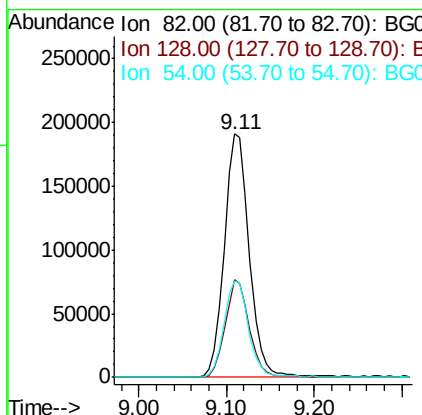
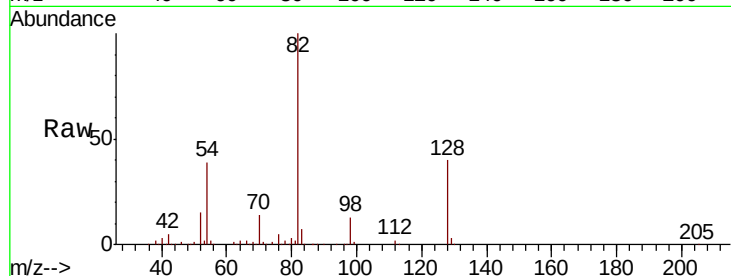




#23
 Nitrobenzene-d5
 Concen: 90.795 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045588.D
 Acq: 3 Jun 2020 19:40

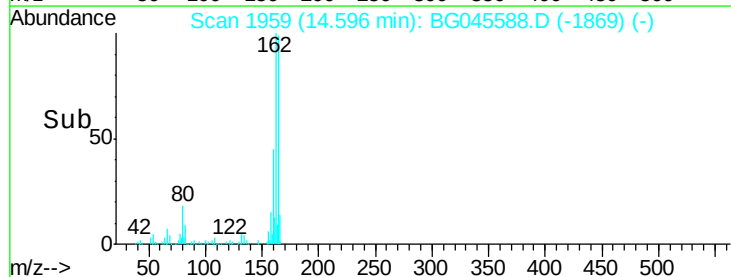
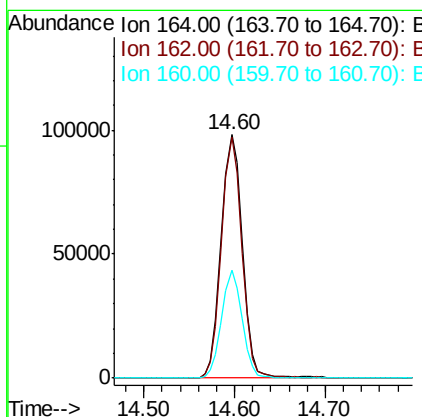
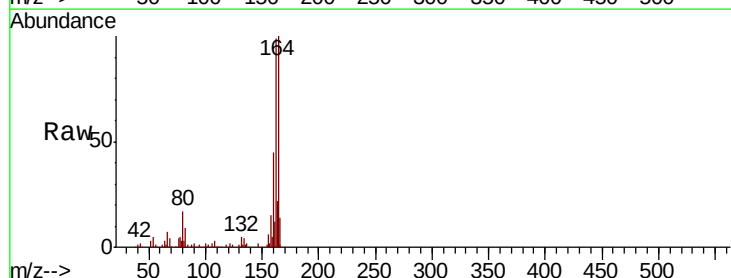
Instrument :
 BNA_G
 ClientSampleId :
 VH-DUCT-A

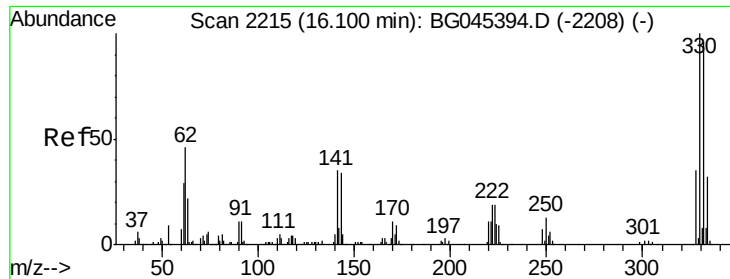
Tot Ion	82	Resp	373147
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.9	46.3
54	39.4	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: BG045588.D
 Acq: 3 Jun 2020 19:40

Tgt Ion	164	Resp	160273
Ion Ratio	Lower	Upper	
164	100		
162	99.1	76.9	115.3
160	44.5	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 16.745 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampleId :

VH-DUCT-A

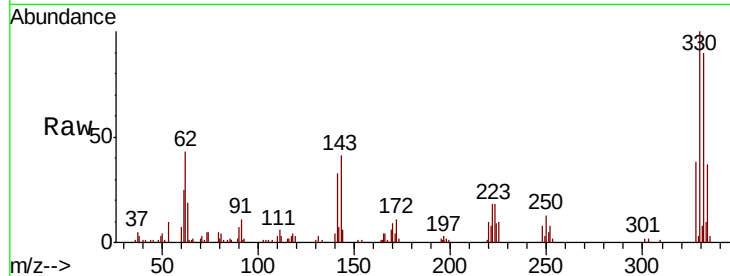
Tot Ion:330 Resp: 34322

Ion Ratio Lower Upper

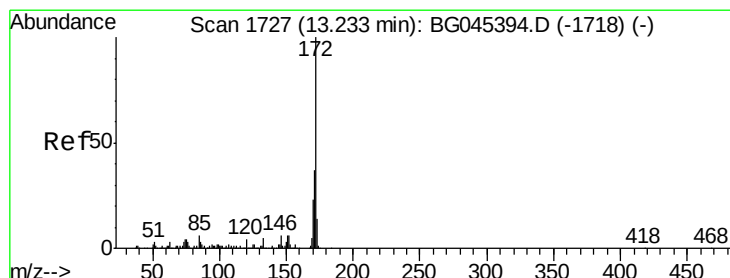
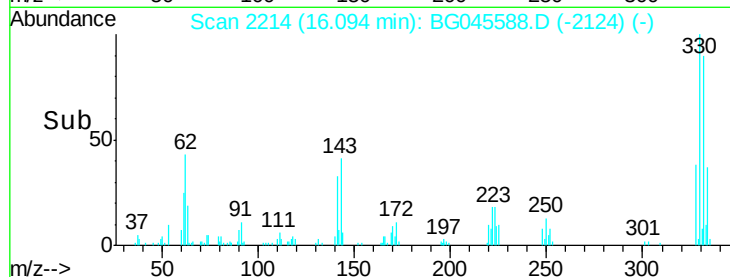
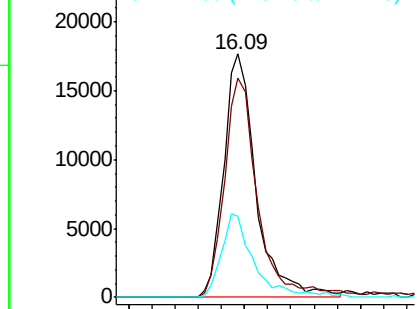
330 100

332 92.6 78.2 117.4

141 33.9 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: 92.061 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

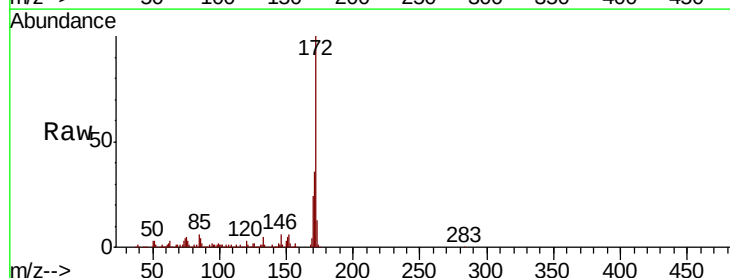
Tgt Ion:172 Resp: 869876

Ion Ratio Lower Upper

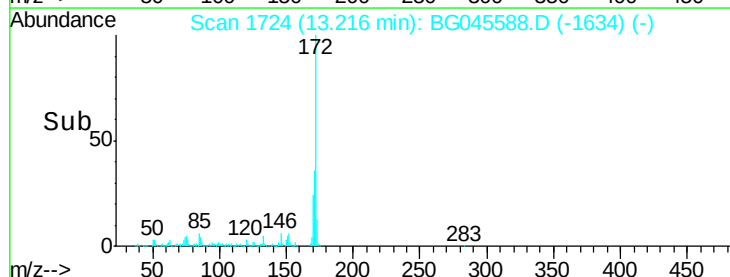
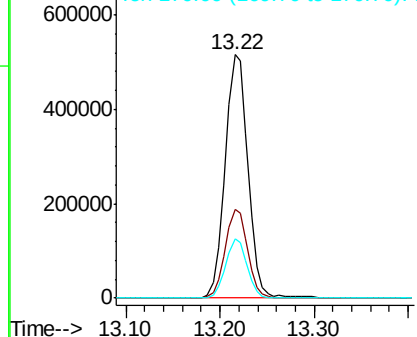
172 100

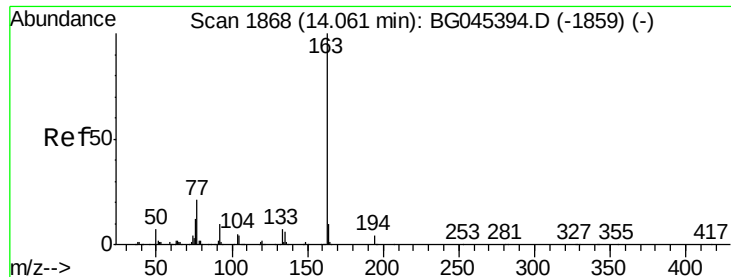
171 36.3 29.5 44.3

170 24.1 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: 12.805 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045588.D

Acq: 3 Jun 2020 19:40

Instrument :

BNA_G

ClientSampleId :

VH-DUCT-A

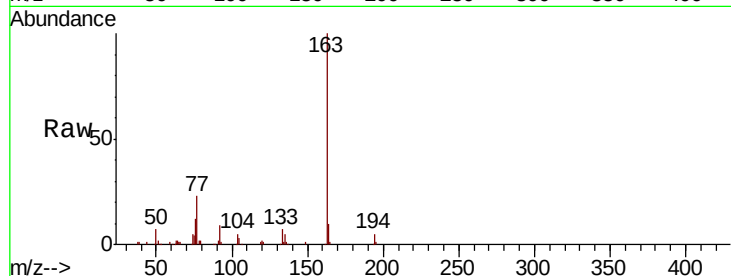
Tot Ion:163 Resp: 140789

Ion Ratio Lower Upper

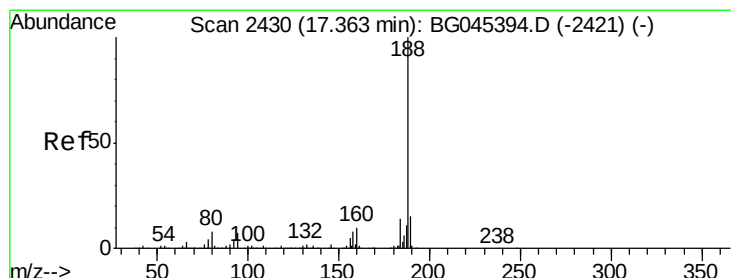
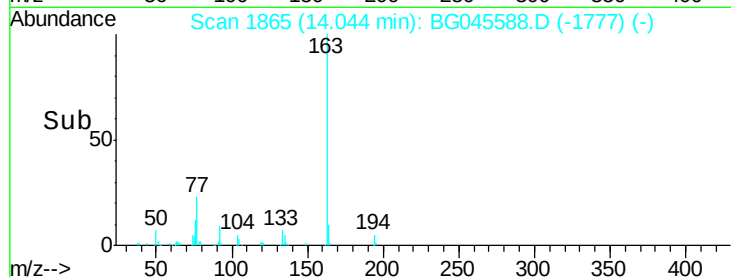
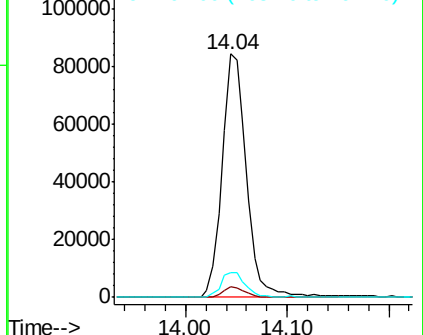
163 100

194 4.6 3.2 4.8

164 10.0 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: BG045588.D

Acq: 3 Jun 2020 19:40

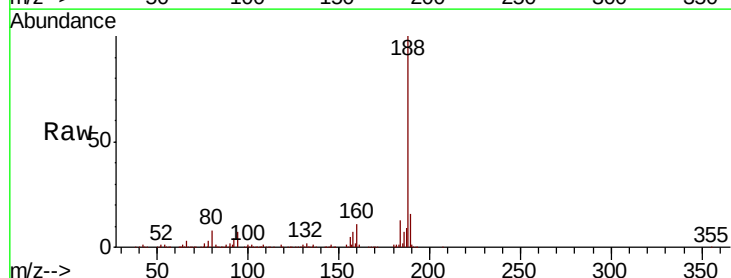
Tgt Ion:188 Resp: 381906

Ion Ratio Lower Upper

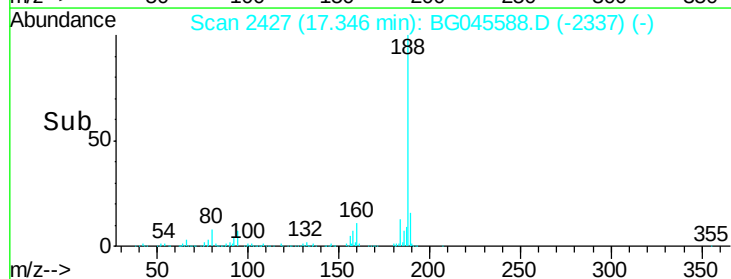
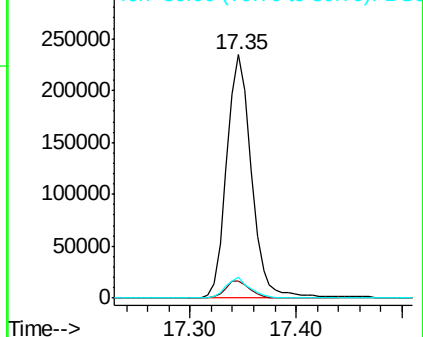
188 100

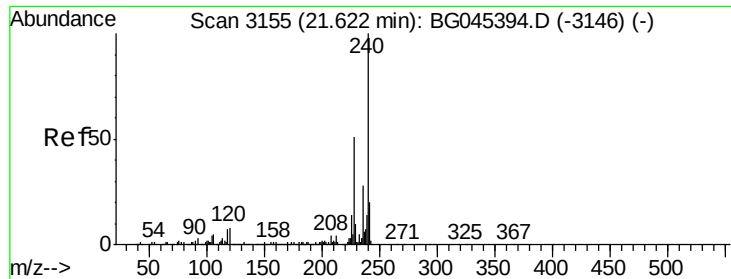
94 6.8 5.5 8.3

80 8.4 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

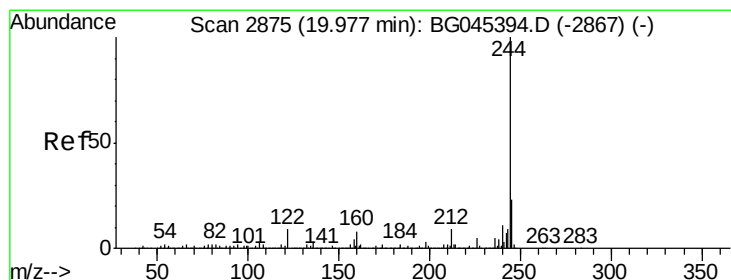
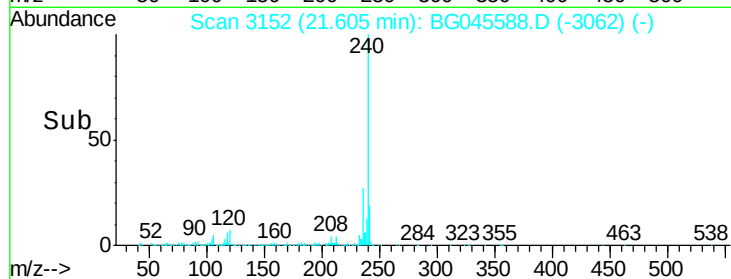
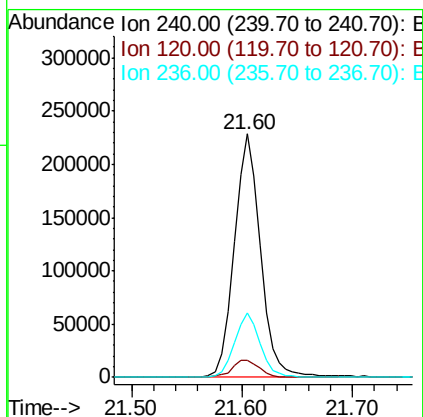
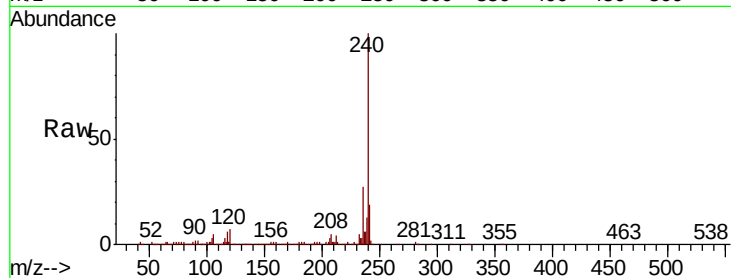




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

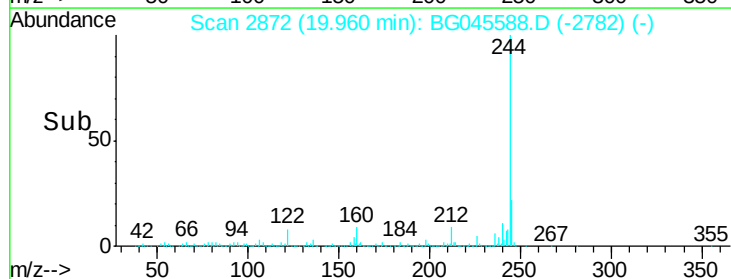
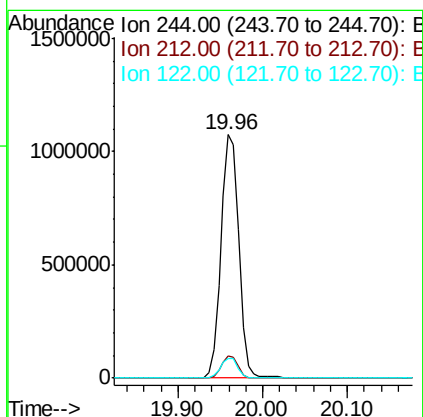
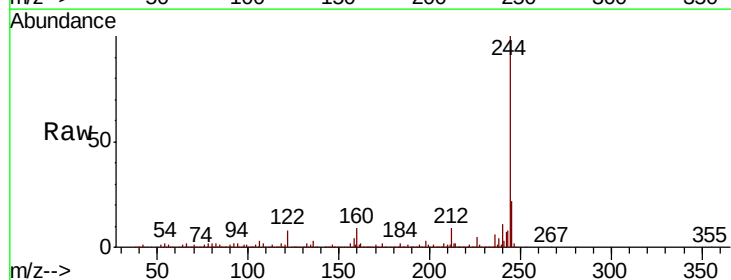
Instrument :
BNA_G
ClientSampleId :
VH-DUCT-A

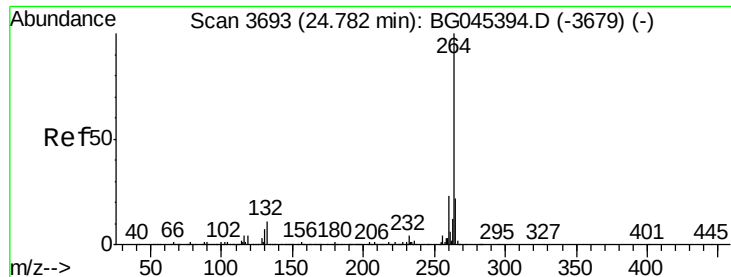
Tot Ion:240 Resp: 380459
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 26.7 22.3 33.5



#79
Terphenyl-d14
Concen: 96.981 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BG045588.D
Acq: 3 Jun 2020 19:40

Tgt Ion:244 Resp: 1582019
Ion Ratio Lower Upper
244 100
212 8.9 7.4 11.0
122 8.3 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: BG045588.D
 Acq: 3 Jun 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 VH-DUCT-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	23.8	17.6	26.4

