

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045538.D
 Acq On : 30 May 2020 3:22
 Operator : CG/JU
 Sample : PB129185TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129185TB

Quant Time: May 30 06:45:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61830	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	254522	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	195440	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	462872	20.00	ng	0.00
76) Chrysene-d12	21.60	240	448705	20.00	ng	0.00
87) Perylene-d12	24.75	264	464049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	427253	135.04	ng	0.00
7) Phenol-d6	7.15	99	625414	138.89	ng	-0.01
23) Nitrobenzene-d5	9.12	82	452256	96.90	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	352379	140.98	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1101654	95.61	ng	0.00
79) Terphenyl-d14	19.96	244	1908275	99.19	ng	0.00

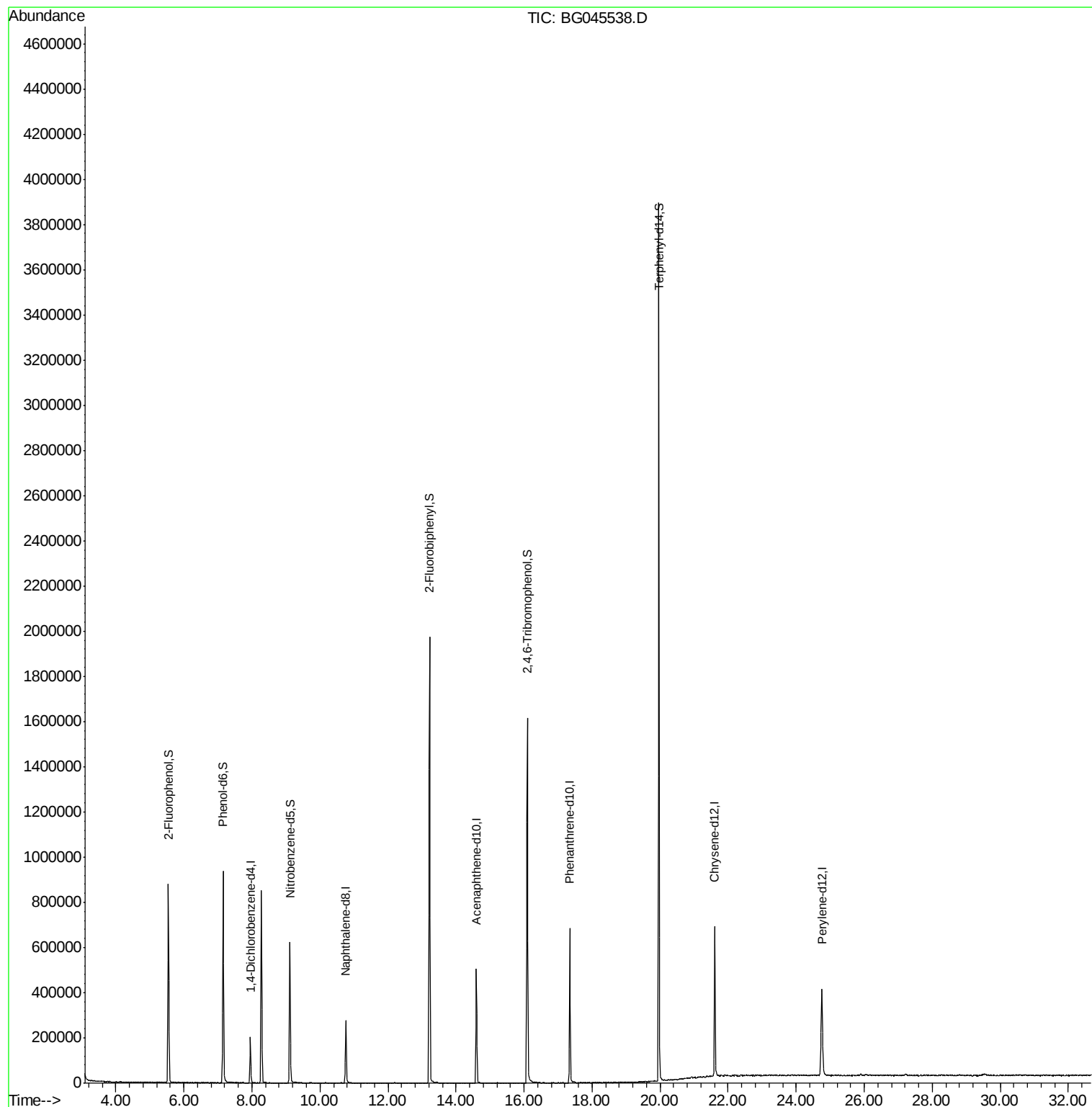
Target Compounds	Qvalue
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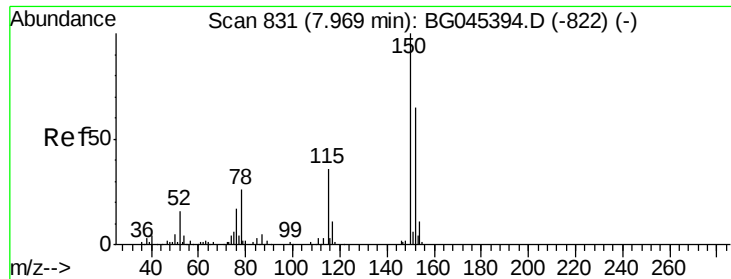
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

Instrument :

BNA_G

ClientSampleId :

PB129185TB

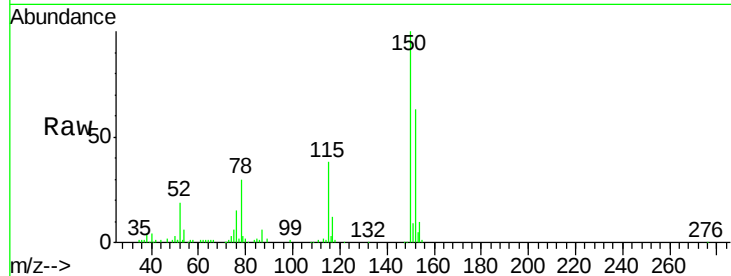
Tgt Ion:152 Resp: 61830

Ion Ratio Lower Upper

152 100

150 158.3 122.4 183.6

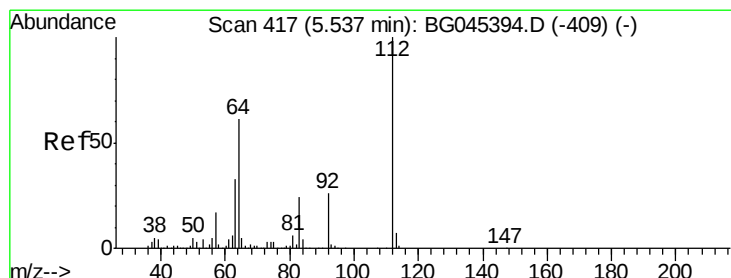
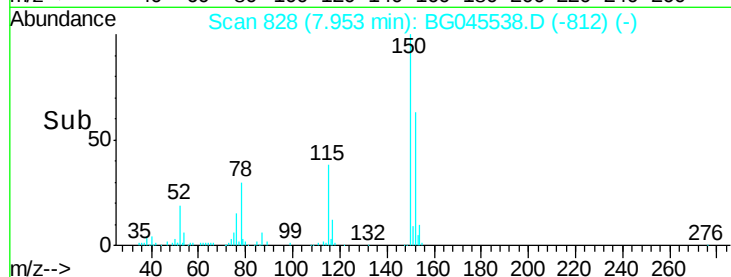
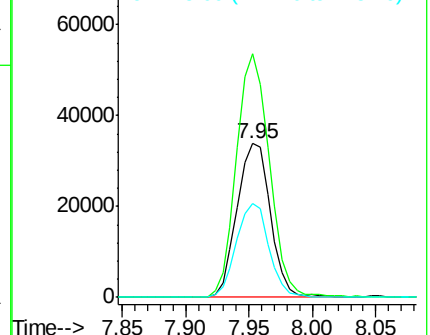
115 60.7 44.2 66.4



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: 135.04 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

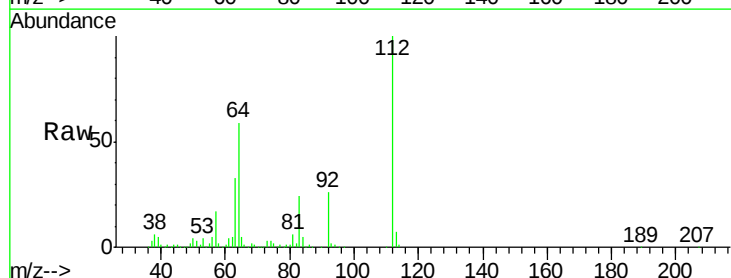
Tgt Ion:112 Resp: 427253

Ion Ratio Lower Upper

112 100

64 58.9 48.6 72.8

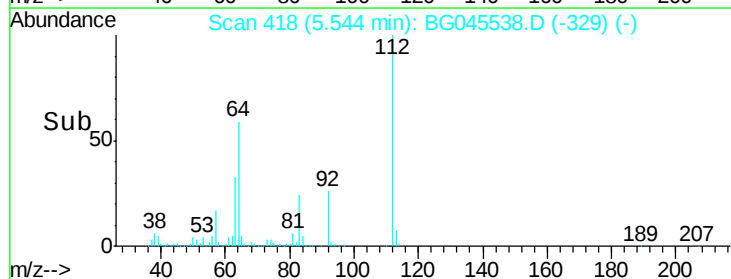
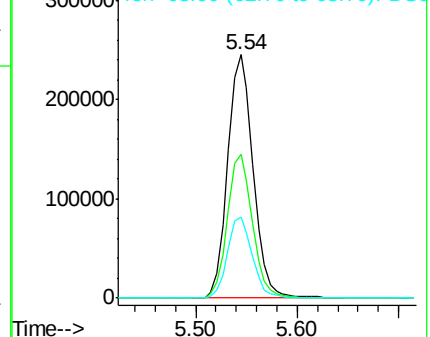
63 33.3 26.5 39.7

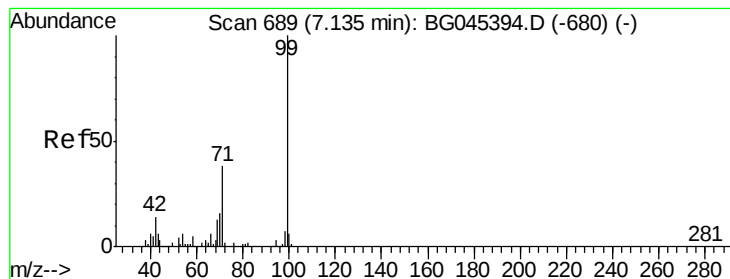


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.89 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

Instrument :

BNA_G

ClientSampleId :

PB129185TB

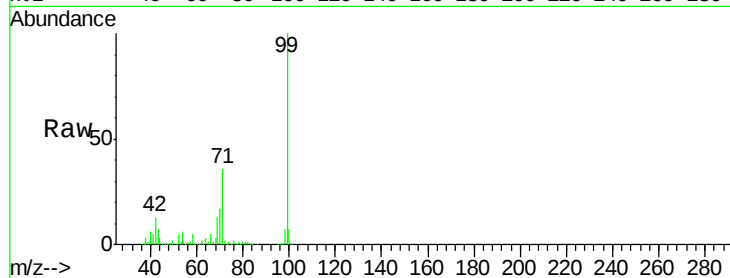
Tgt Ion: 99 Resp: 625414

Ion Ratio Lower Upper

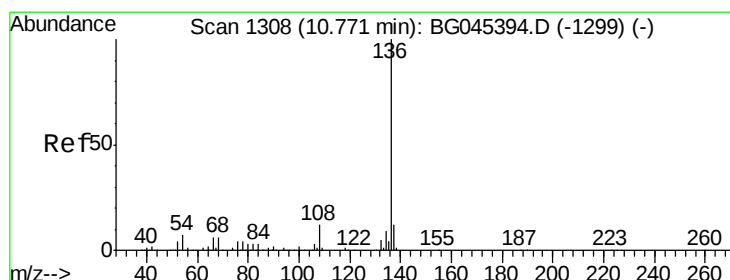
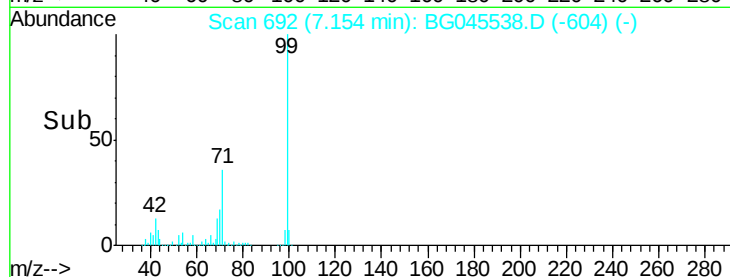
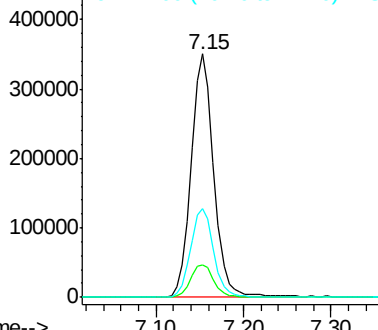
99 100

42 13.3 11.3 16.9

71 36.5 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: 20.00 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

Tgt Ion: 136 Resp: 254522

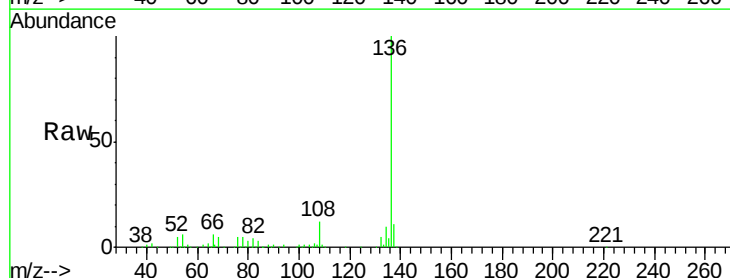
Ion Ratio Lower Upper

136 100

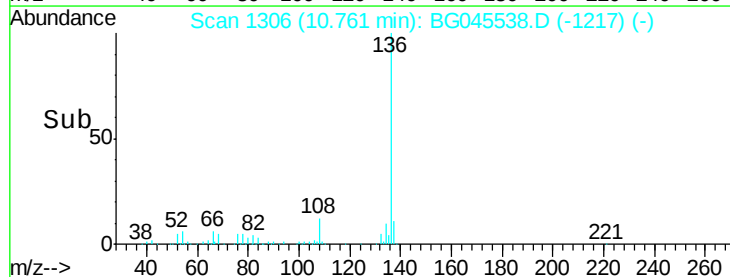
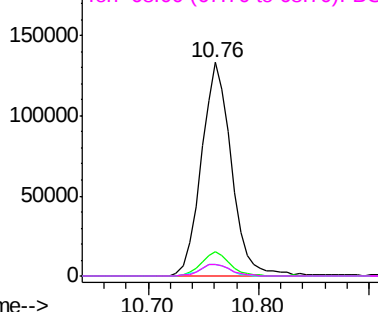
137 11.4 9.4 14.2

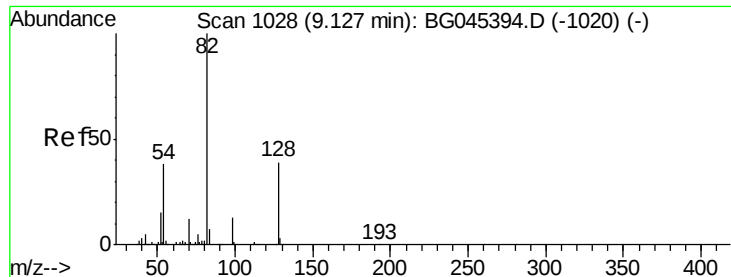
54 5.7 5.8 8.6#

68 5.5 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

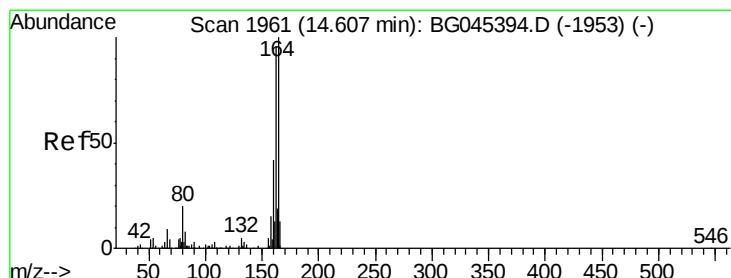
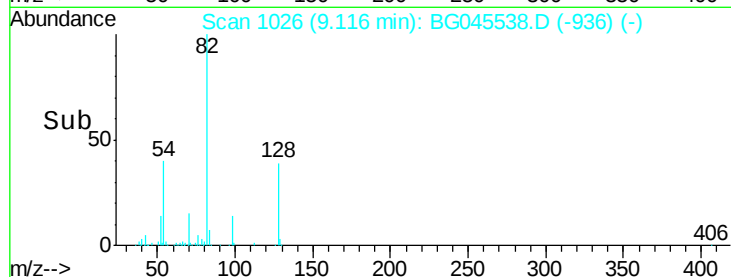
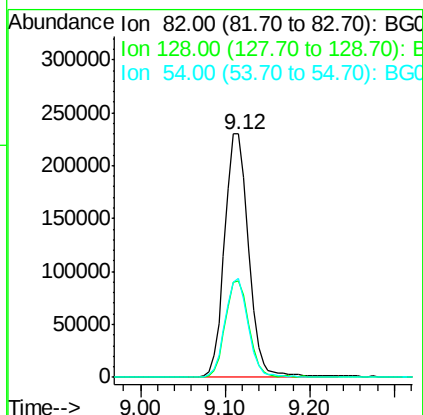
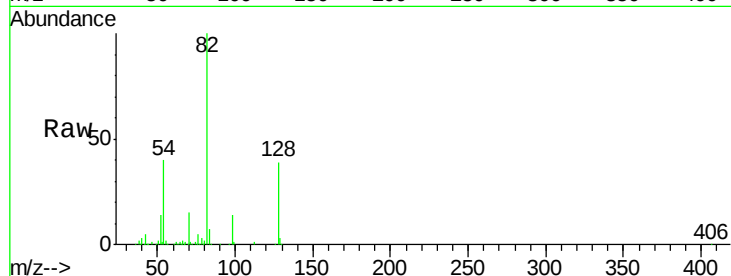




#23
 Nitrobenzene-d5
 Concen: 96.90 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045538.D
 Acq: 30 May 2020 3:22

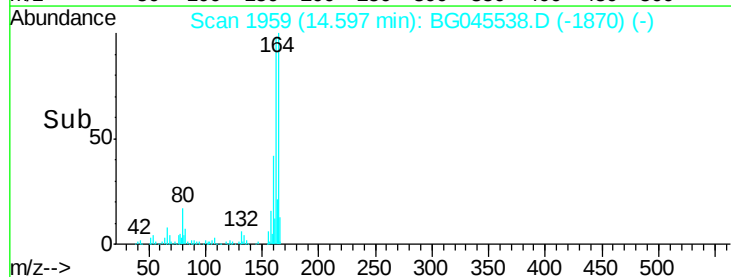
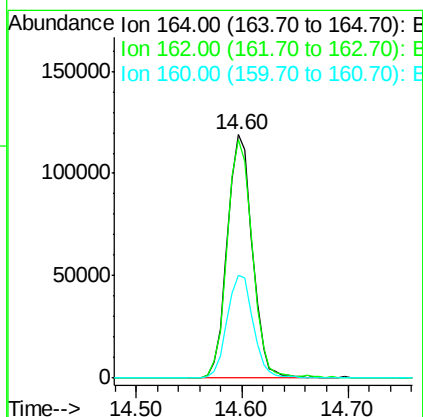
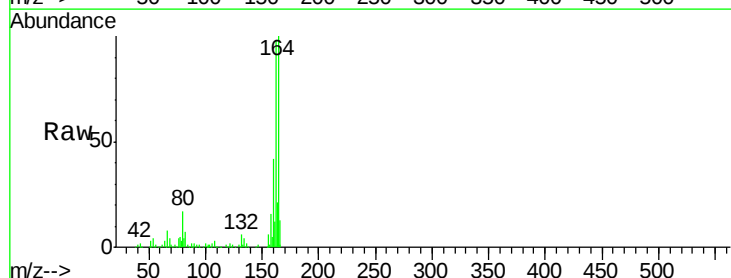
Instrument :
 BNA_G
 ClientSampleId :
 PB129185TB

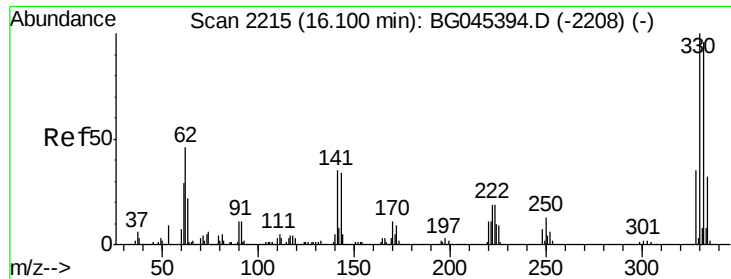
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	40.5	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG045538.D
 Acq: 30 May 2020 3:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	76.9	115.3
160	42.2	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 140.98 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

Instrument :

BNA_G

ClientSampleId :

PB129185TB

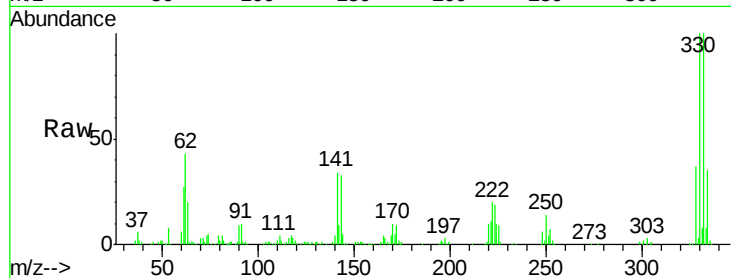
Tgt Ion:330 Resp: 352379

Ion Ratio Lower Upper

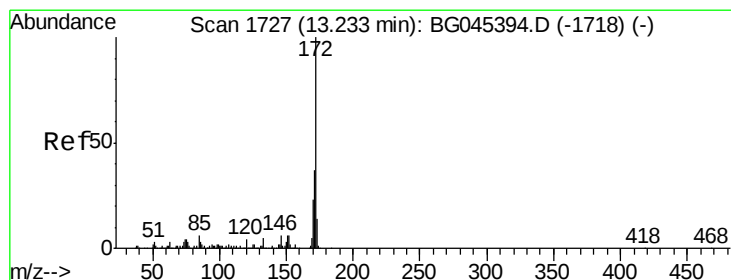
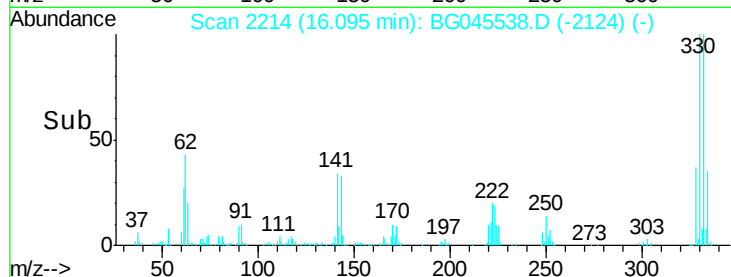
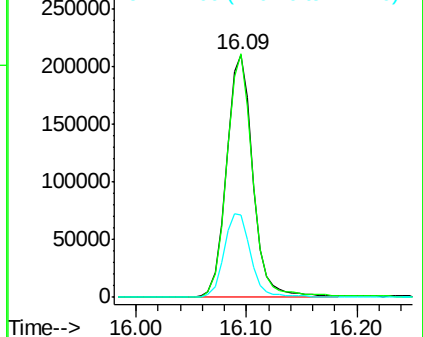
330 100

332 98.4 78.2 117.4

141 35.1 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: 95.61 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

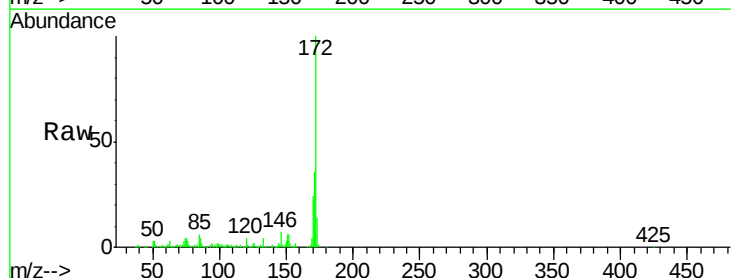
Tgt Ion:172 Resp: 1101654

Ion Ratio Lower Upper

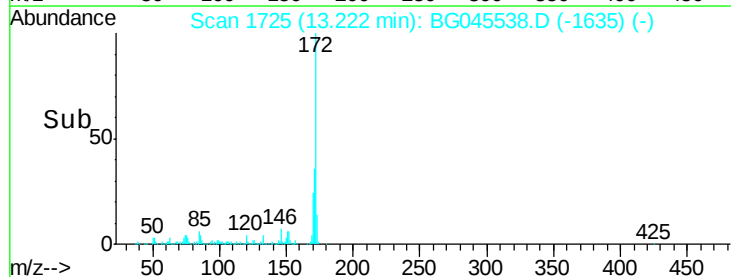
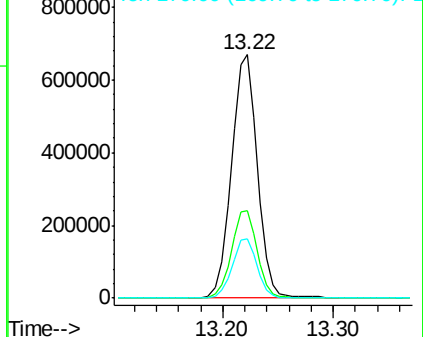
172 100

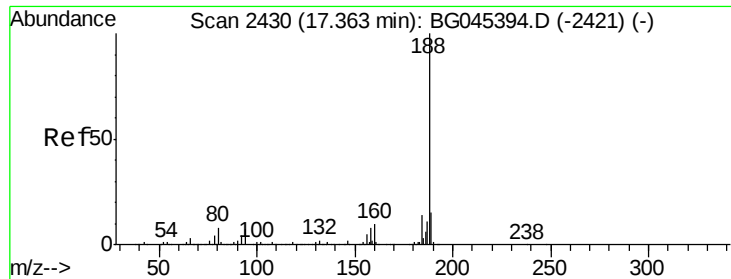
171 36.1 29.5 44.3

170 24.2 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

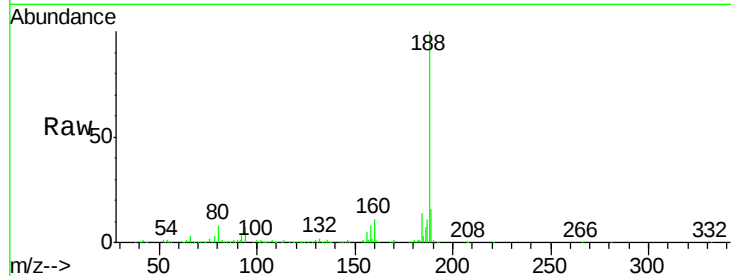




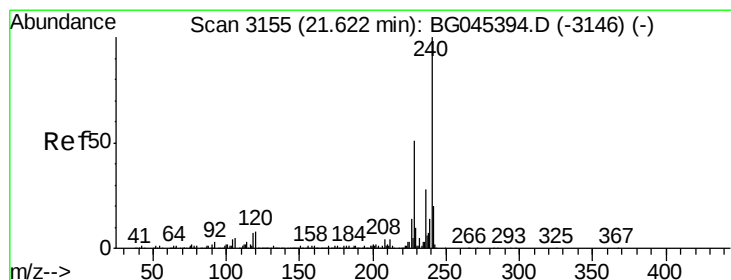
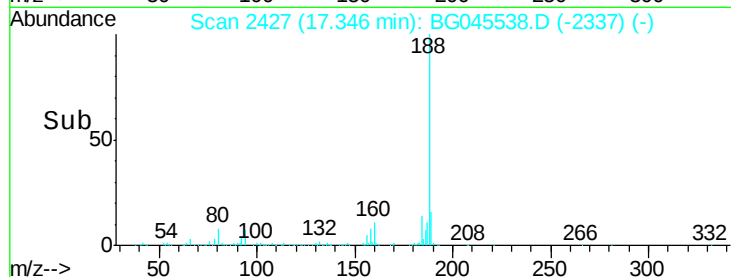
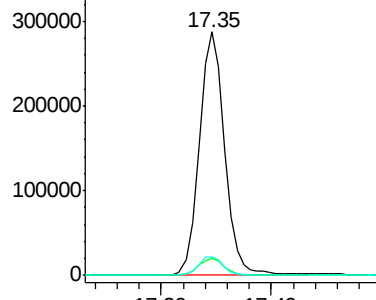
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045538.D
Acq: 30 May 2020 3:22

Instrument :
BNA_G
ClientSampleId :
PB129185TB

Tgt Ion:188 Resp: 462872
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 7.7 6.6 10.0

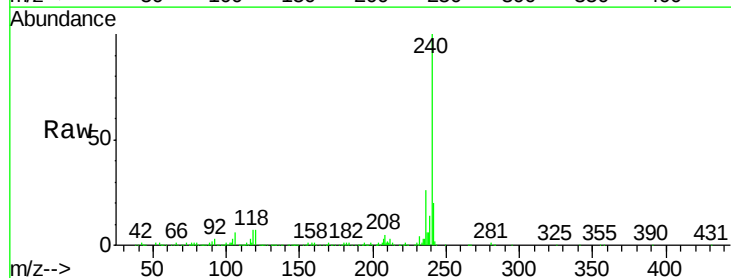


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

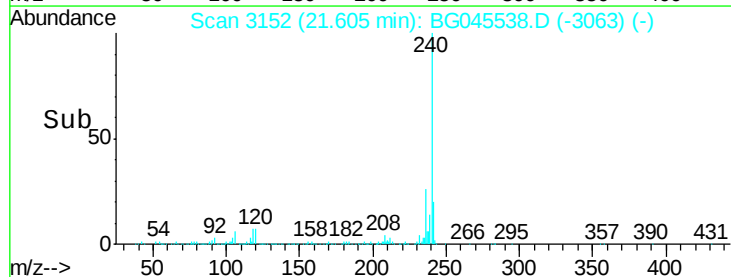
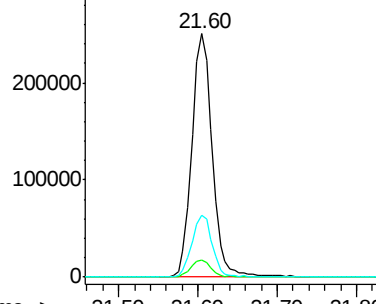


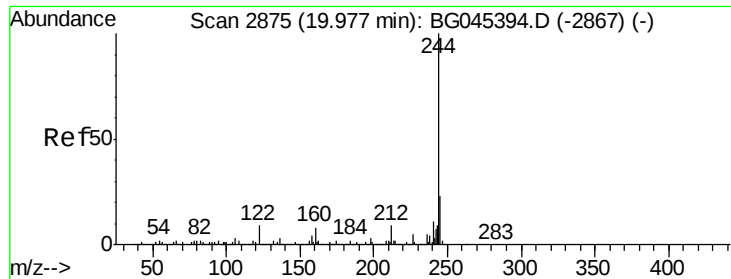
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045538.D
Acq: 30 May 2020 3:22

Tgt Ion:240 Resp: 448705
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 25.5 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: 99.19 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

Instrument :

BNA_G

ClientSampleId :

PB129185TB

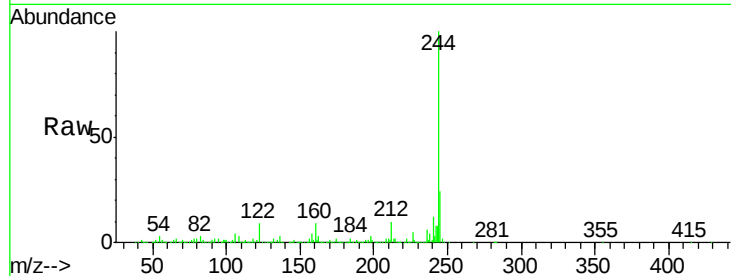
Tgt Ion:244 Resp: 1908275

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

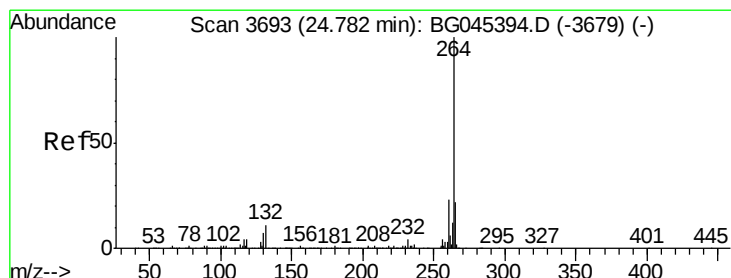
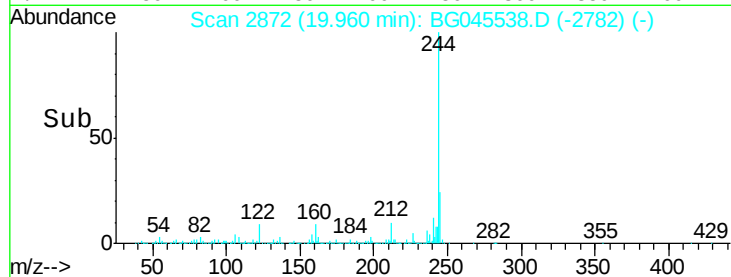
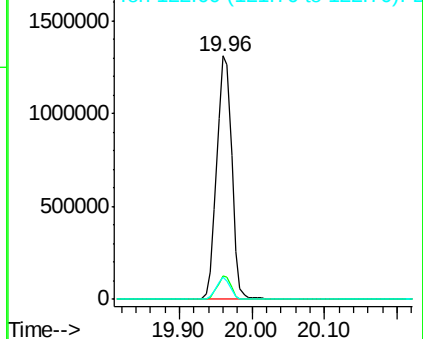
122 8.9 6.8 10.2



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: 20.00 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045538.D

Acq: 30 May 2020 3:22

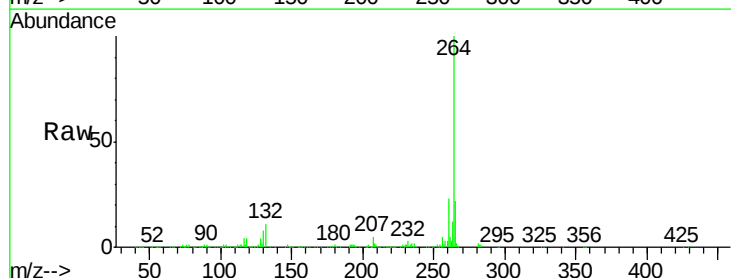
Tgt Ion:264 Resp: 464049

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.1 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

