

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045519.D
 Acq On : 29 May 2020 11:58
 Operator : CG/JU
 Sample : PB129160BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BL

Quant Time: May 29 12:35:16 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	7.96	152	67664	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	270921	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	204695	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	472309	20.00	ng	0.00
76) Chrysene-d12	21.60	240	469436	20.00	ng	0.00
87) Perylene-d12	24.75	264	485581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	470018	135.75	ng	0.00
7) Phenol-d6	7.16	99	688296	139.67	ng	0.00
23) Nitrobenzene-d5	9.11	82	482748	97.17	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	357623	136.61	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1132118	93.81	ng	0.00
79) Terphenyl-d14	19.97	244	1995266	99.13	ng	0.00

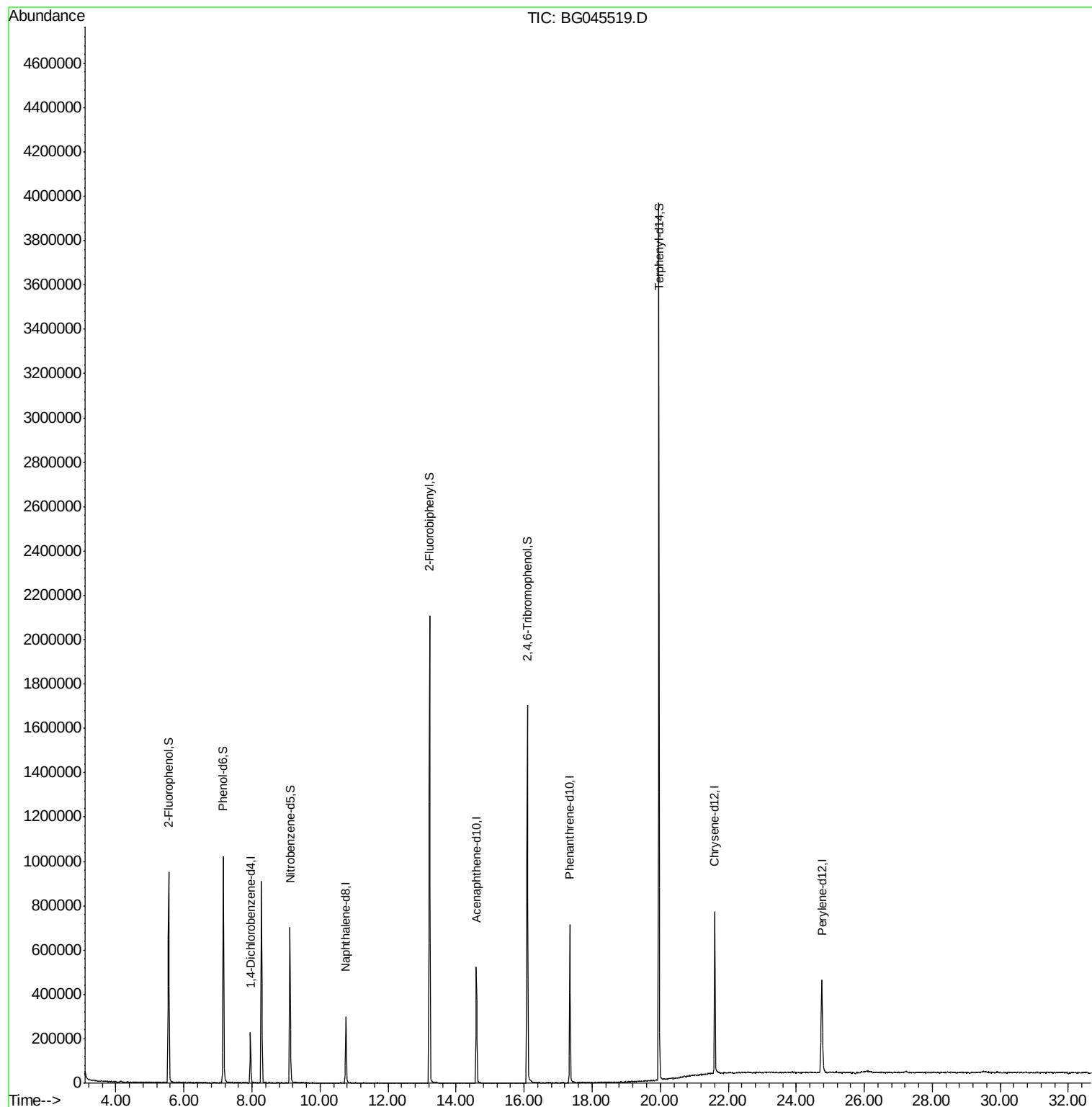
Target Compounds	Qvalue
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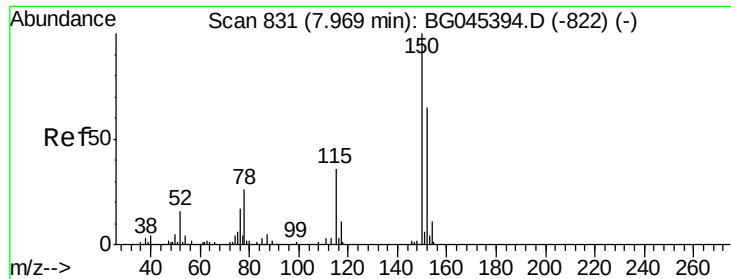
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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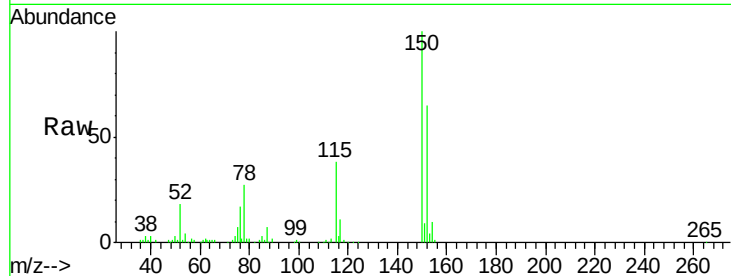


#1

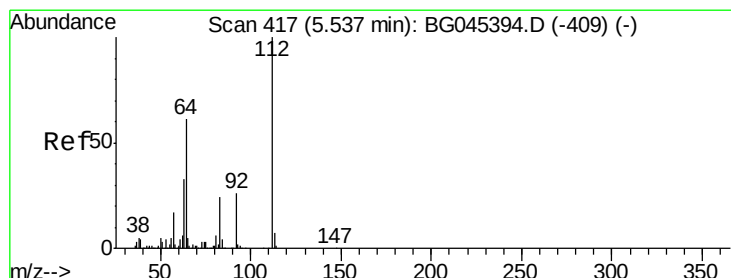
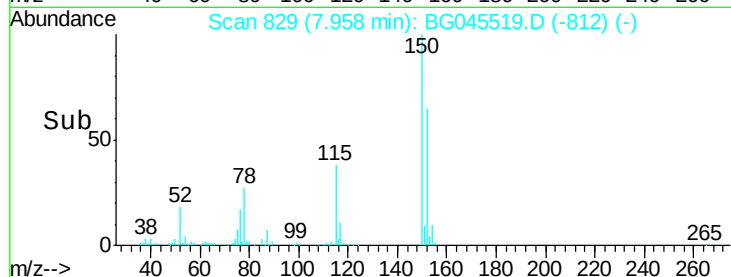
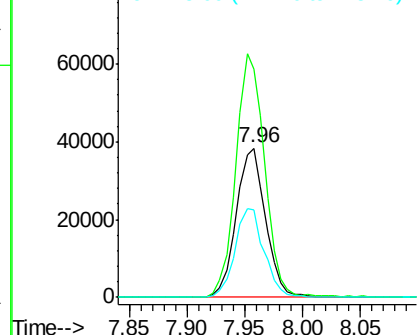
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045519.D
Acq: 29 May 2020 11:58

Instrument :
BNA_G
ClientSampleId :
PB129160BL

Tgt Ion:152 Resp: 67664
Ion Ratio Lower Upper
152 100
150 153.7 122.4 183.6
115 58.3 44.2 66.4



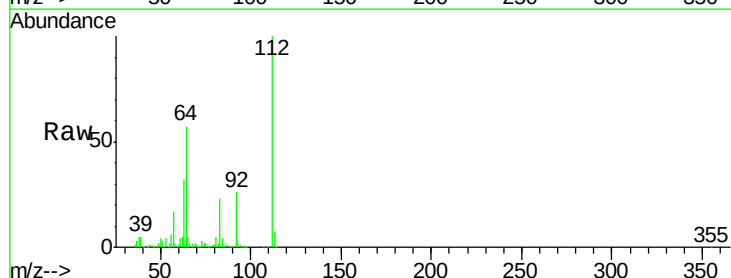
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



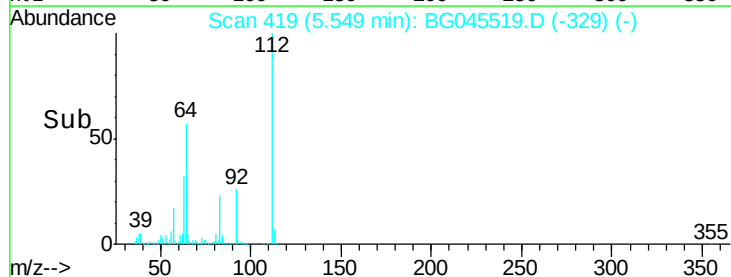
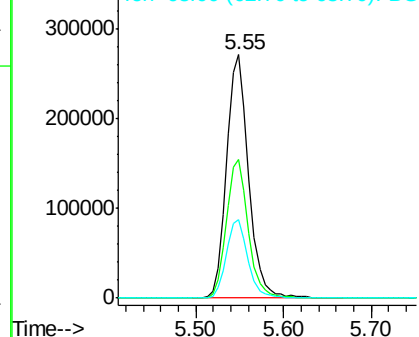
#5

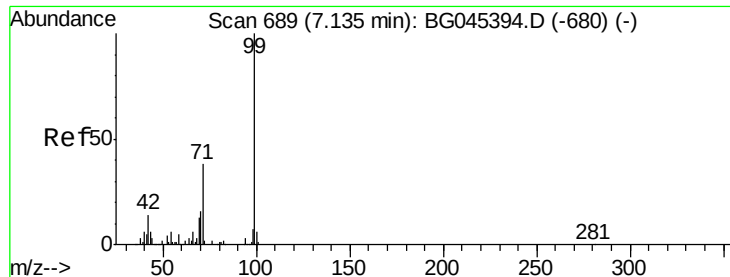
2-Fluorophenol
Concen: 135.75 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045519.D
Acq: 29 May 2020 11:58

Tgt Ion:112 Resp: 470018
Ion Ratio Lower Upper
112 100
64 57.1 48.6 72.8
63 32.3 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: 139.67 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045519.D

Acq: 29 May 2020 11:58

Instrument :

BNA_G

ClientSampleId :

PB129160BL

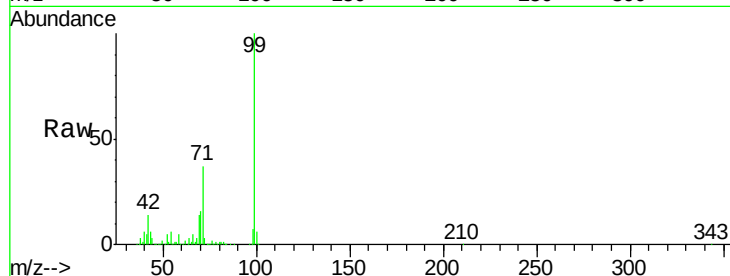
Tgt Ion: 99 Resp: 688296

Ion Ratio Lower Upper

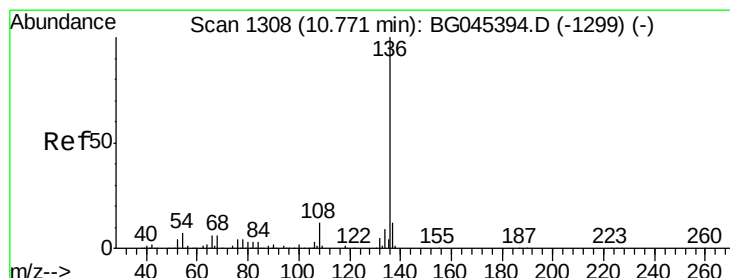
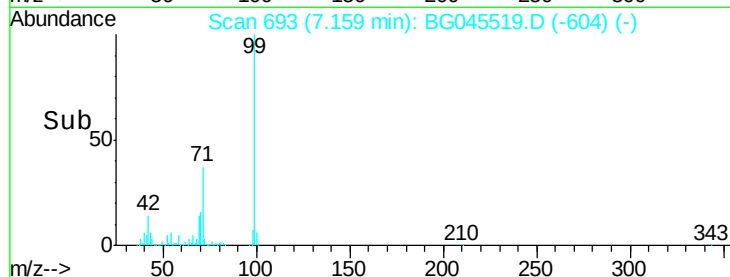
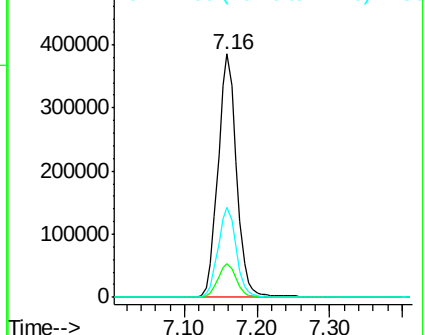
99 100

42 14.0 11.3 16.9

71 37.1 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: BG045519.D

Acq: 29 May 2020 11:58

Tgt Ion: 136 Resp: 270921

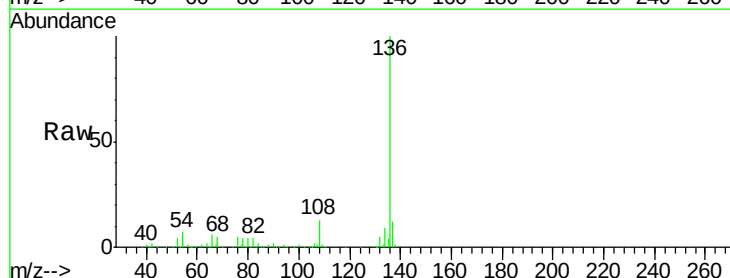
Ion Ratio Lower Upper

136 100

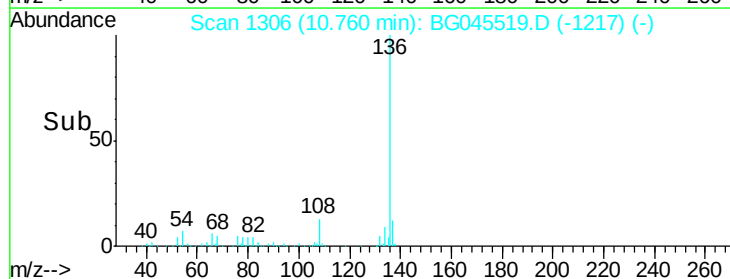
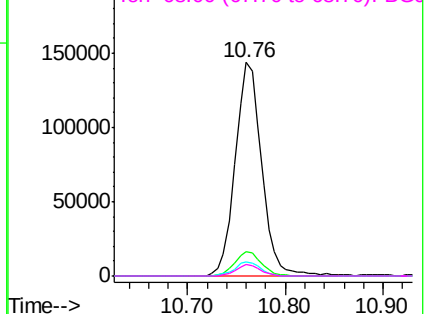
137 11.6 9.4 14.2

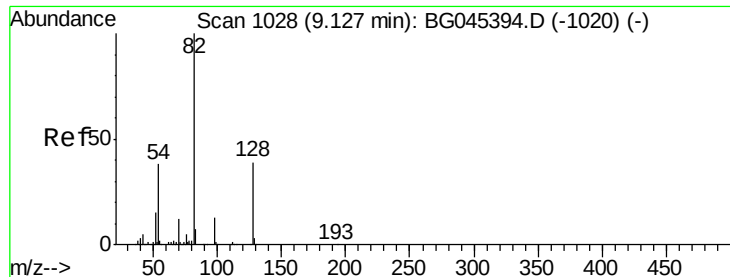
54 6.8 5.8 8.6

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

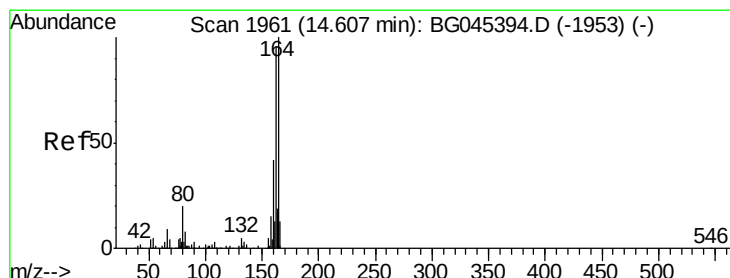
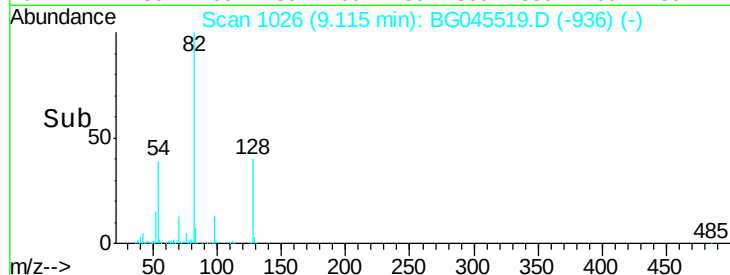
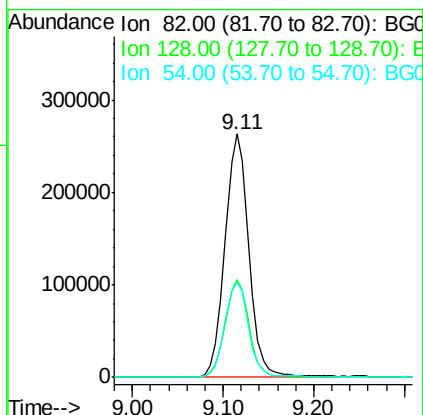
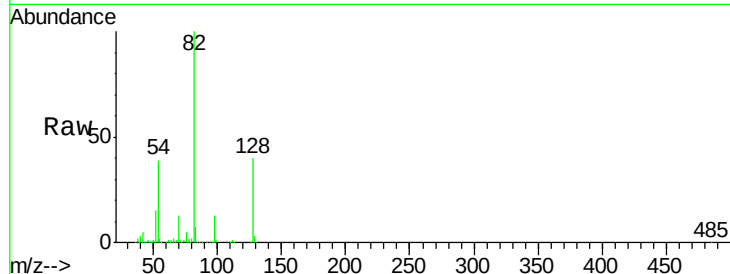




#23
 Nitrobenzene-d5
 Concen: 97.17 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045519.D
 Acq: 29 May 2020 11:58

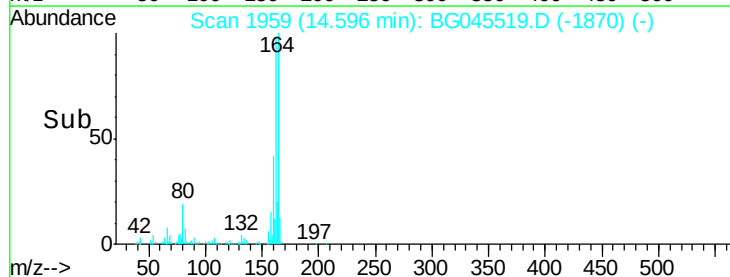
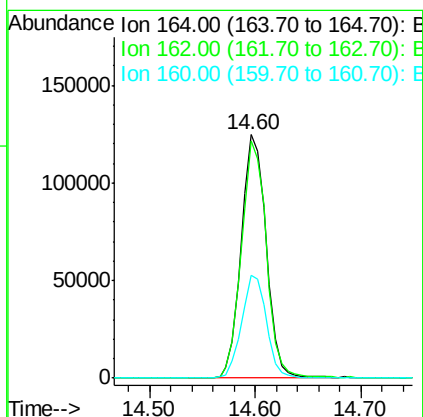
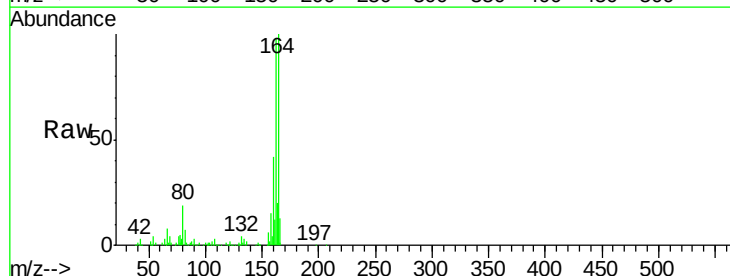
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BL

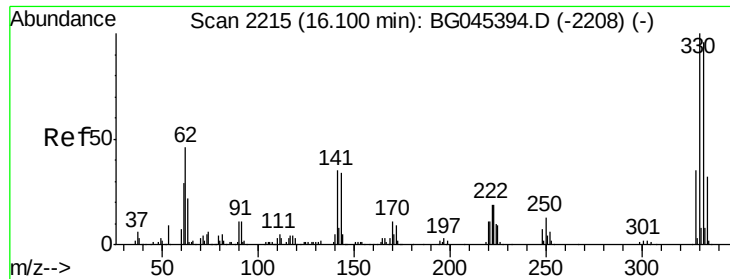
Tgt Ion: 82 Resp: 482748
 Ion Ratio Lower Upper
 82 100
 128 40.3 30.9 46.3
 54 38.9 30.3 45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG045519.D
 Acq: 29 May 2020 11:58

Tgt Ion: 164 Resp: 204695
 Ion Ratio Lower Upper
 164 100
 162 97.6 76.9 115.3
 160 42.1 33.8 50.8

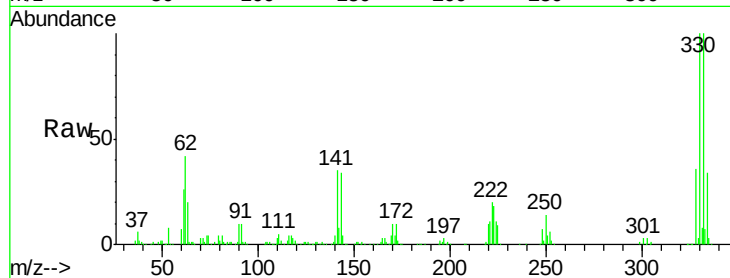




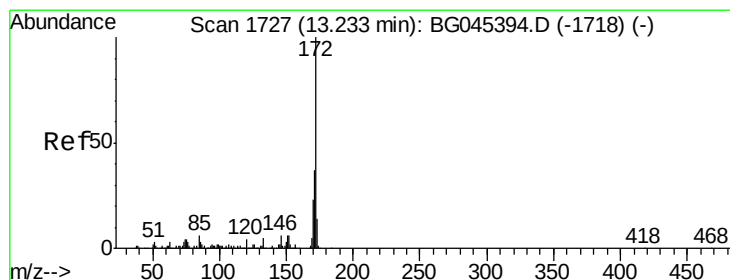
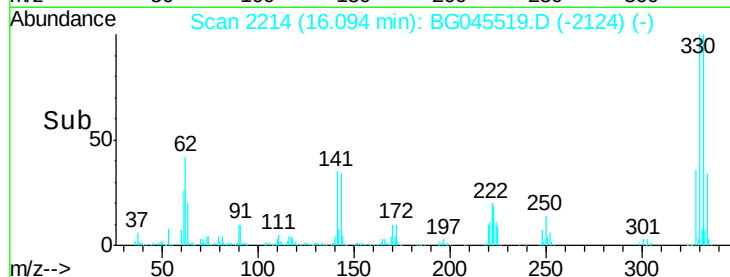
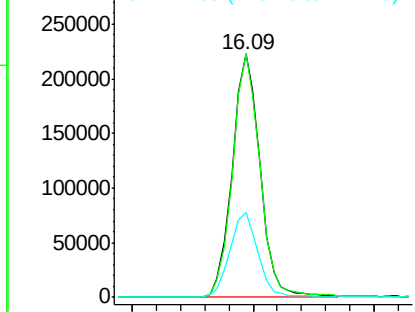
#42
 2,4,6-Tribromophenol
 Concen: 136.61 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045519.D
 Acq: 29 May 2020 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BL

Tgt Ion:330 Resp: 357623
 Ion Ratio Lower Upper
 330 100
 332 99.2 78.2 117.4
 141 35.4 28.2 42.4

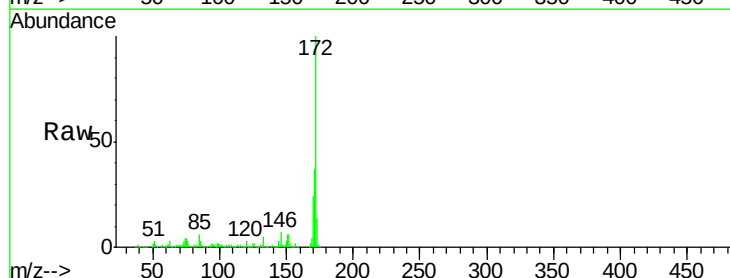


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

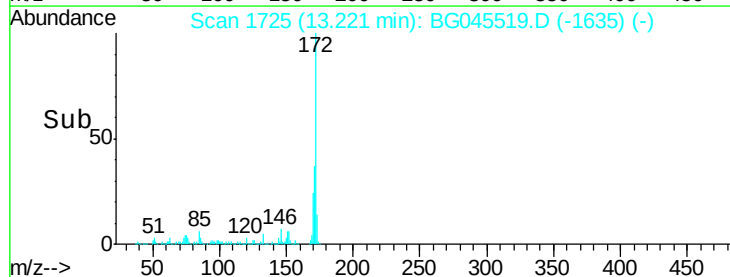
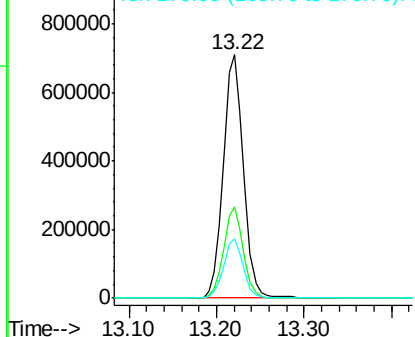


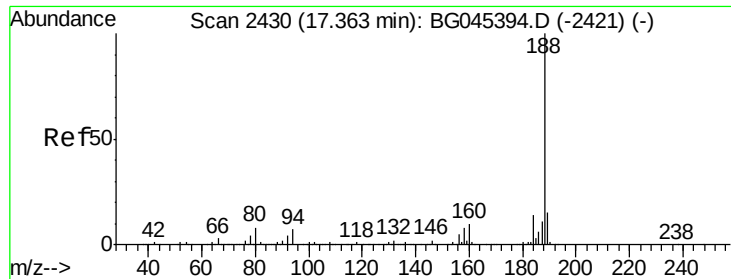
#45
 2-Fluorobiphenyl
 Concen: 93.81 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045519.D
 Acq: 29 May 2020 11:58

Tgt Ion:172 Resp: 1132118
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.5 44.3
 170 24.4 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

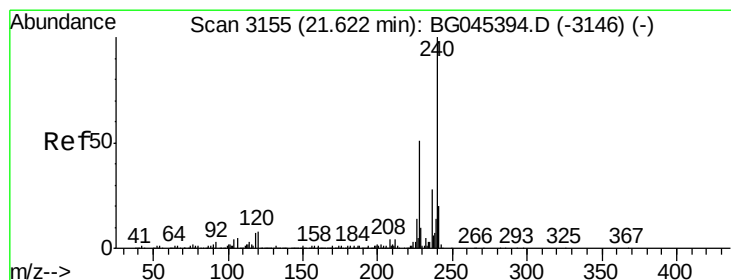
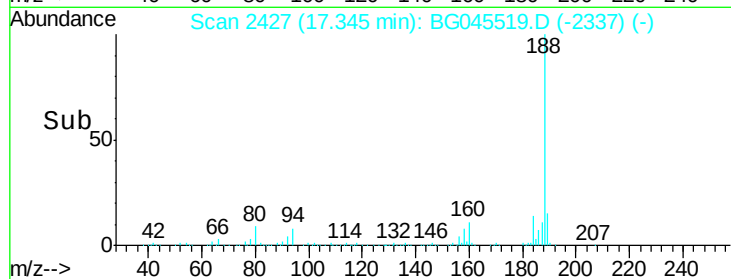
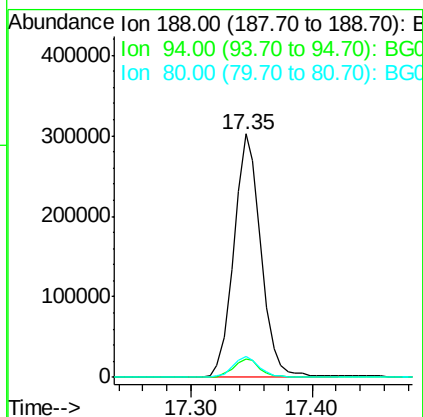
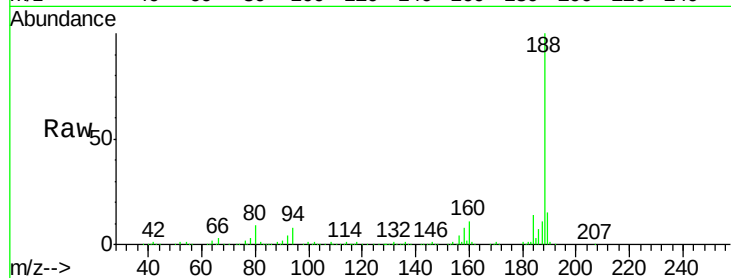




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045519.D
Acq: 29 May 2020 11:58

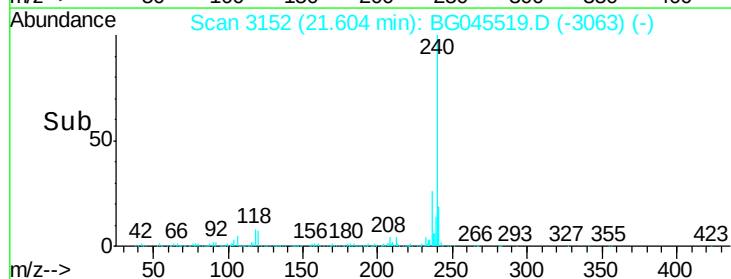
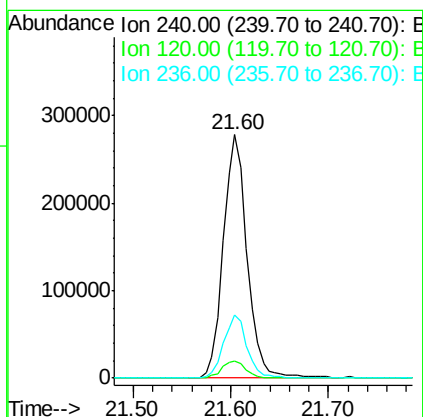
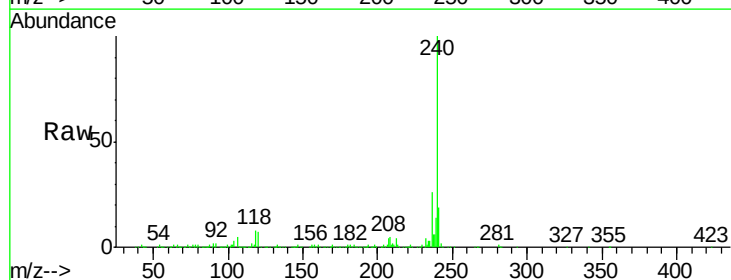
Instrument :
BNA_G
ClientSampleId :
PB129160BL

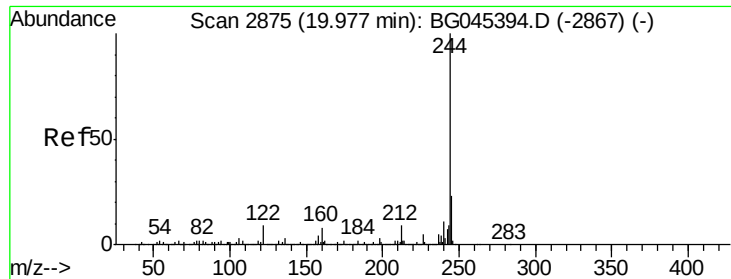
Tgt Ion:188 Resp: 472309
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 8.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045519.D
Acq: 29 May 2020 11:58

Tgt Ion:240 Resp: 469436
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.8 22.3 33.5





#79

Terphenyl-d14

Concen: 99.13 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045519.D

Acq: 29 May 2020 11:58

Instrument :

BNA_G

ClientSampleId :

PB129160BL

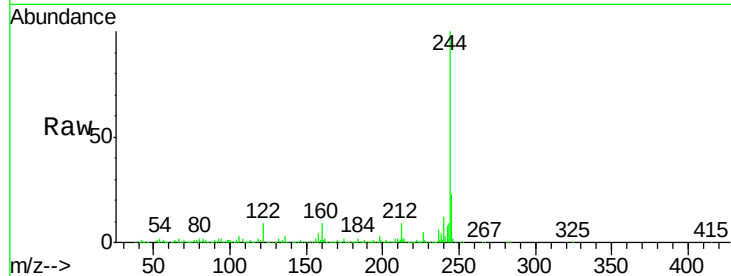
Tgt Ion:244 Resp: 1995266

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

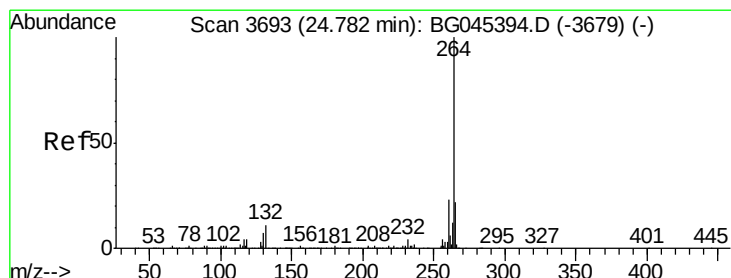
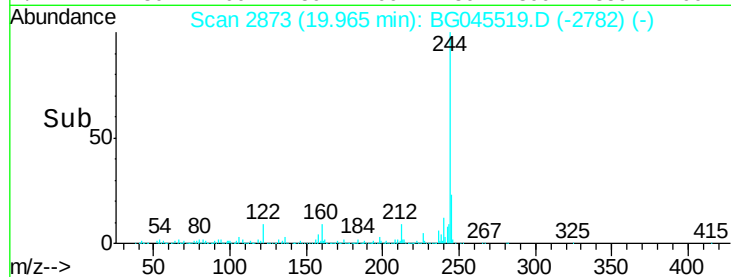
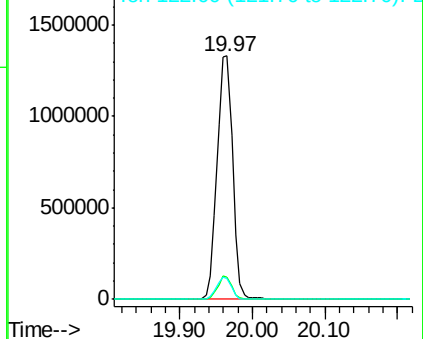
122 8.8 6.8 10.2



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: BG045519.D

Acq: 29 May 2020 11:58

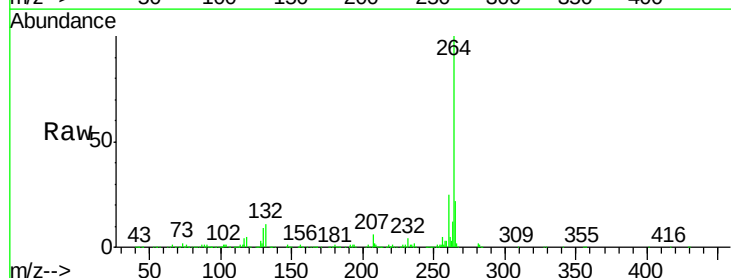
Tgt Ion:264 Resp: 485581

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.4 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

