

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045474.D
 Acq On : 27 May 2020 13:34
 Operator : CG/JU
 Sample : PB129112BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BL

Quant Time: May 27 14:35:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	72716	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	293572	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	219880	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	539943	20.00	ng	0.00
76) Chrysene-d12	21.61	240	578472	20.00	ng	0.00
87) Perylene-d12	24.76	264	587979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	496639	133.48	ng	0.00
7) Phenol-d6	7.17	99	706156	133.34	ng	0.00
23) Nitrobenzene-d5	9.12	82	504708	93.75	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	403530	143.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1198682	92.47	ng	0.00
79) Terphenyl-d14	19.97	244	2320989	93.58	ng	0.00

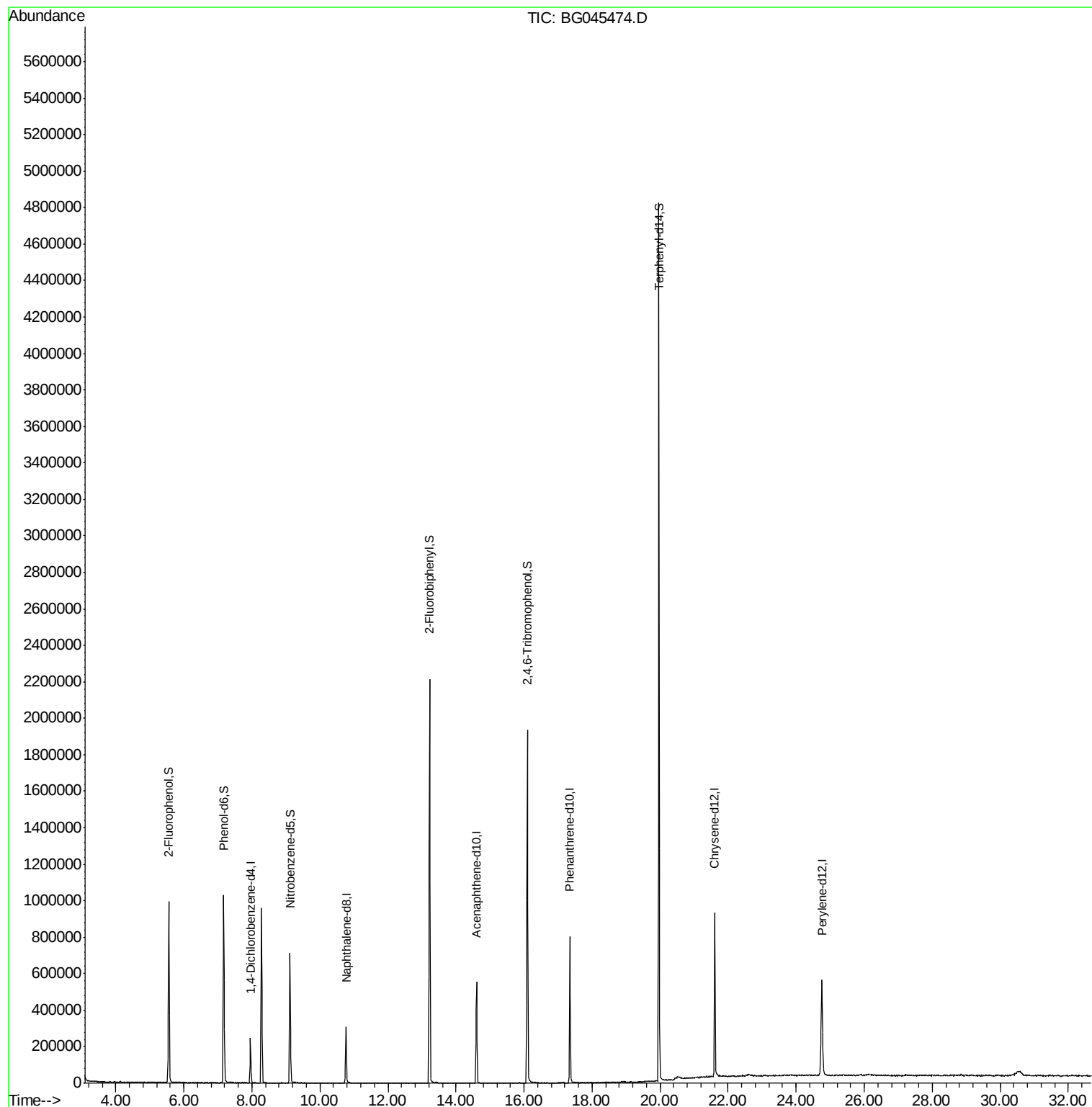
Target Compounds Qvalue

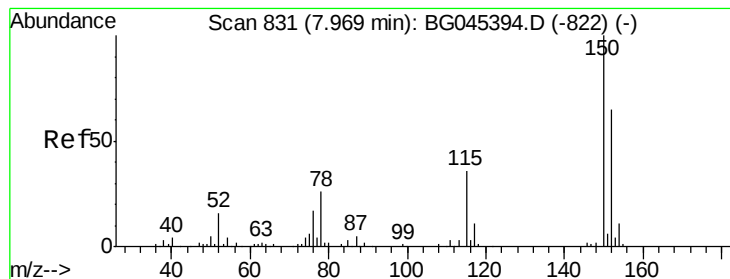
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

Instrument :

BNA_G

ClientSampleId :

PB129112BL

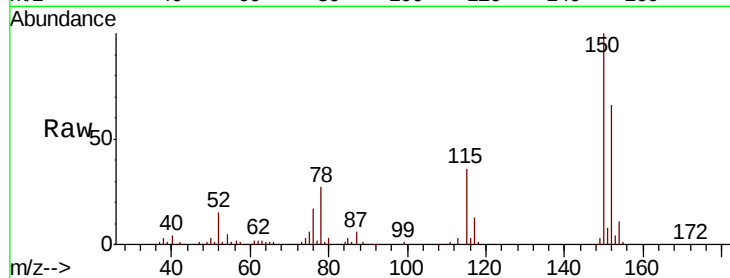
Tot Ion:152 Resp: 72716

Ion Ratio Lower Upper

152 100

150 151.6 122.4 183.6

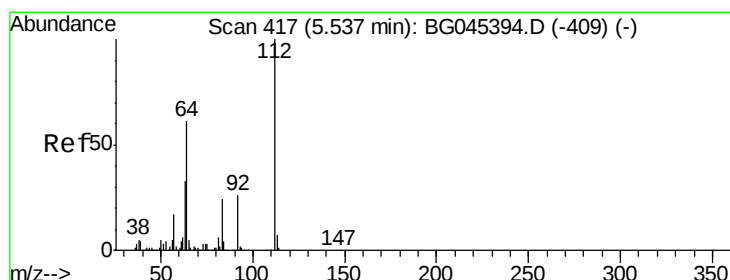
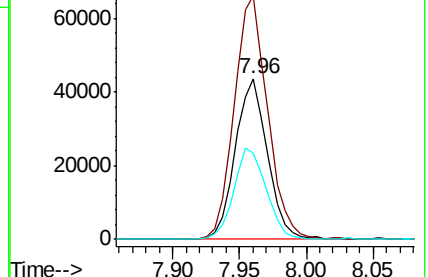
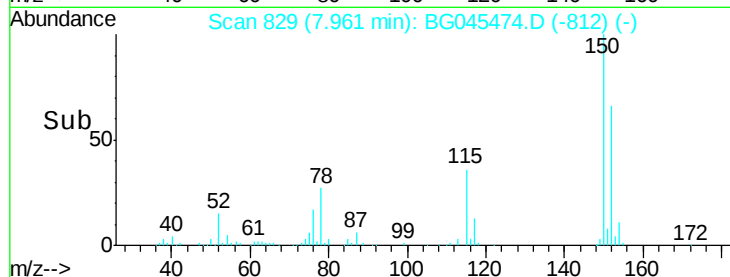
115 54.0 44.2 66.4



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: 133.475 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

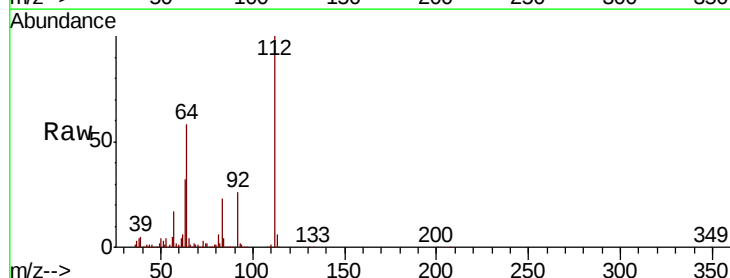
Tgt Ion:112 Resp: 496639

Ion Ratio Lower Upper

112 100

64 58.0 48.6 72.8

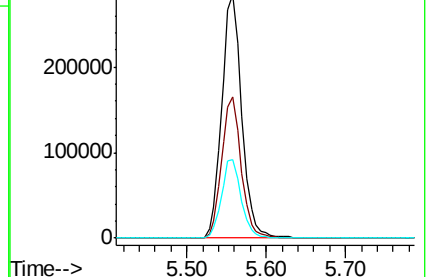
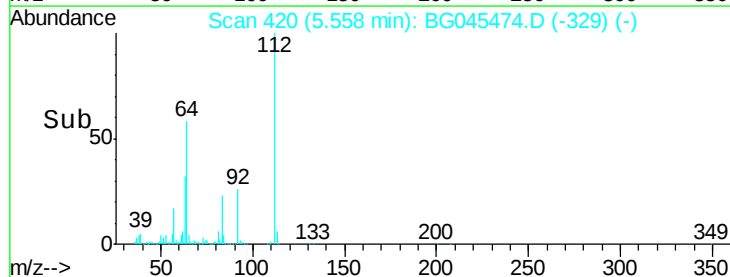
63 32.1 26.5 39.7

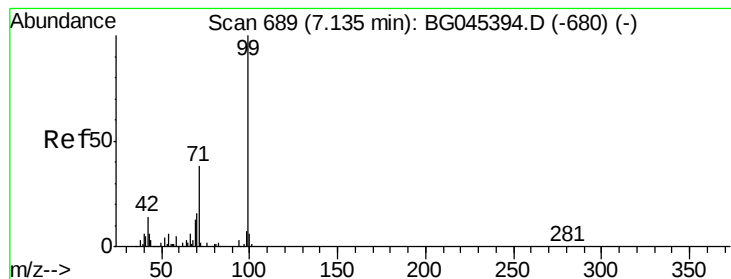


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 133.341 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

Instrument :

BNA_G

ClientSampleId :

PB129112BL

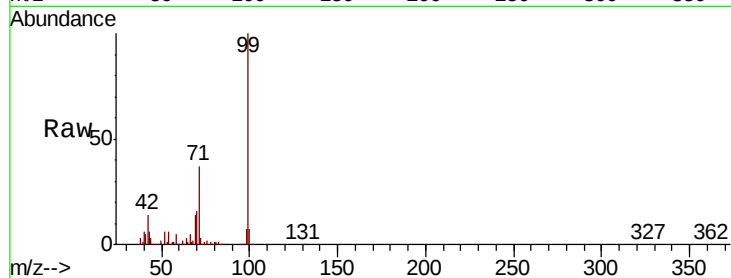
Tot Ion: 99 Resp: 706156

Ion Ratio Lower Upper

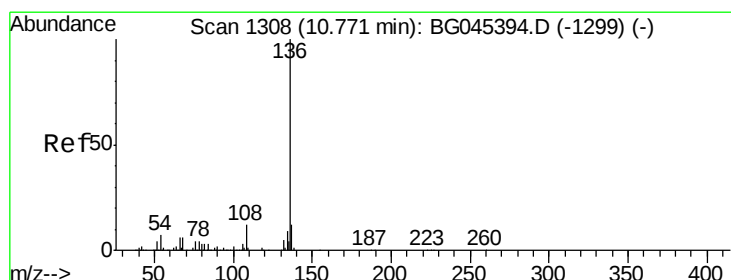
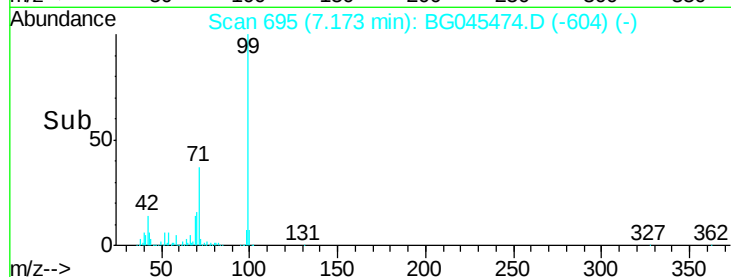
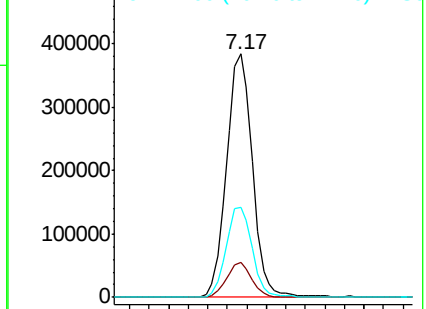
99 100

42 14.1 11.3 16.9

71 37.2 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: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

Tgt Ion: 136 Resp: 293572

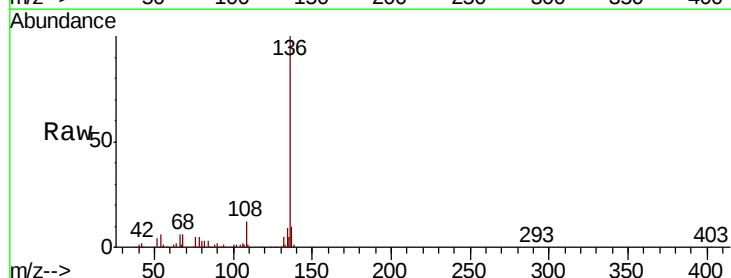
Ion Ratio Lower Upper

136 100

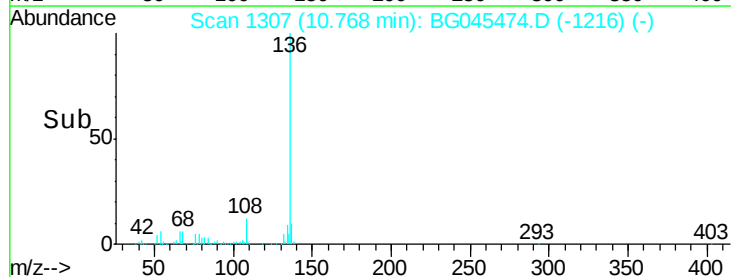
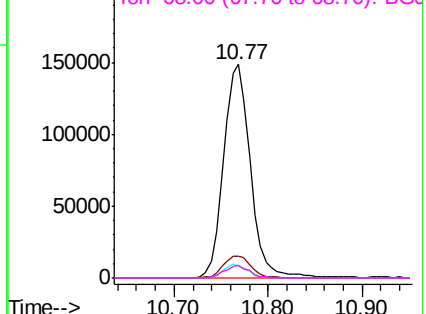
137 10.4 9.4 14.2

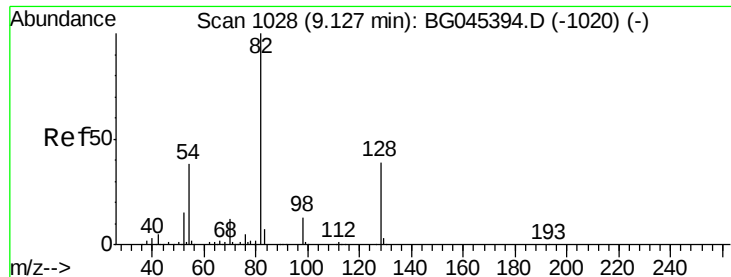
54 5.6 5.8 8.6#

68 6.2 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: 93.750 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

Instrument :

BNA_G

ClientSampleId :

PB129112BL

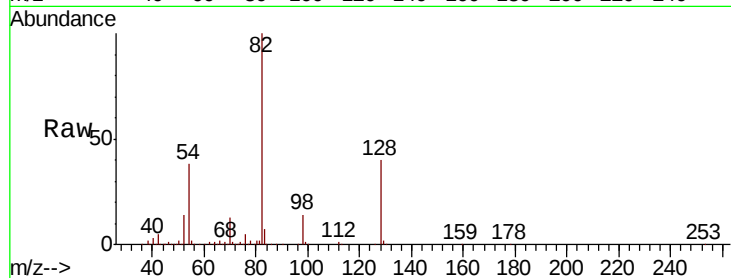
Tot Ion: 82 Resp: 504708

Ion Ratio Lower Upper

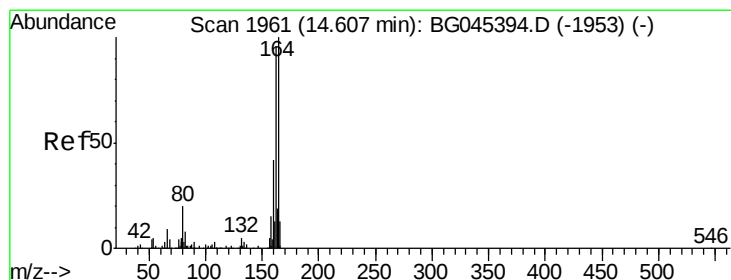
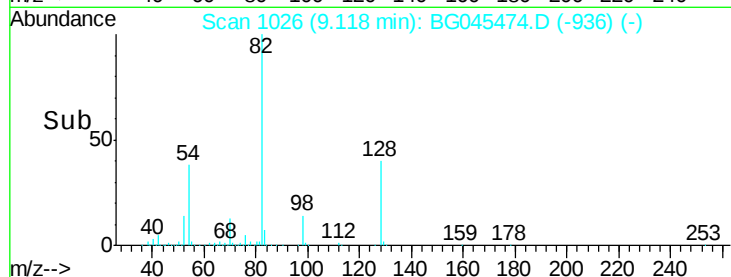
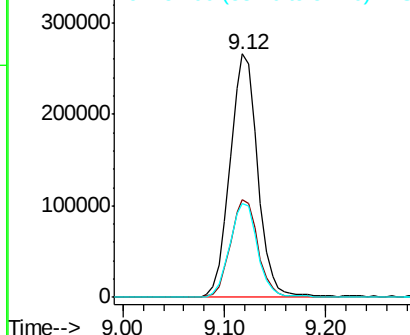
82 100

128 40.2 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# 1960

Delta R.T. 0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

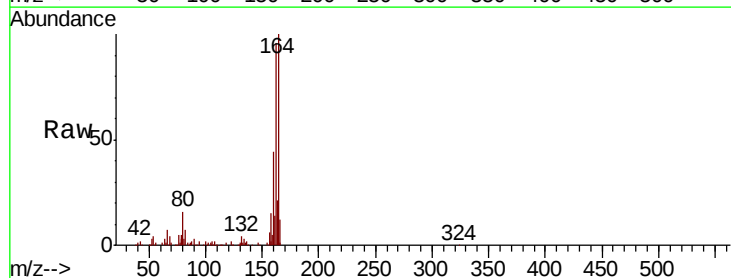
Tgt Ion: 164 Resp: 219880

Ion Ratio Lower Upper

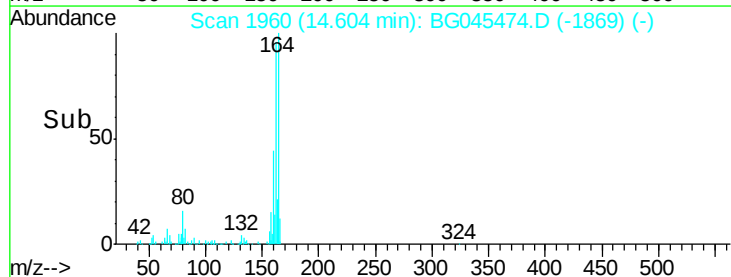
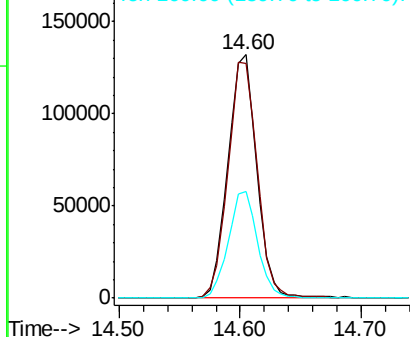
164 100

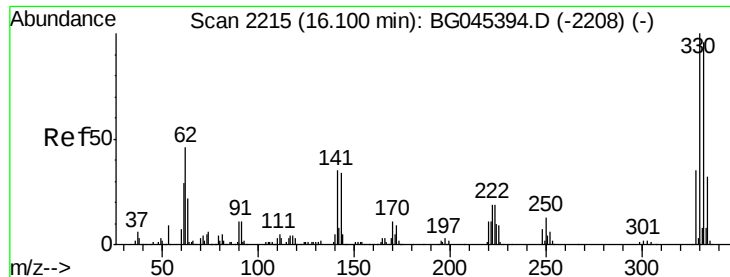
162 96.2 76.9 115.3

160 43.9 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

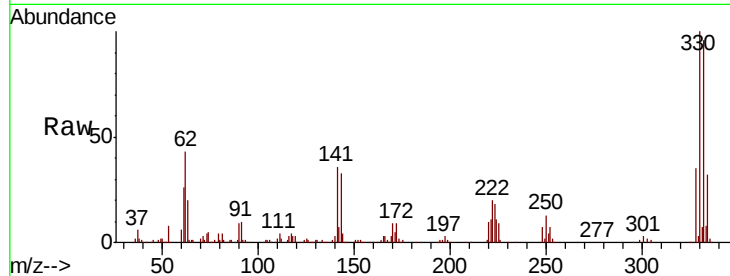




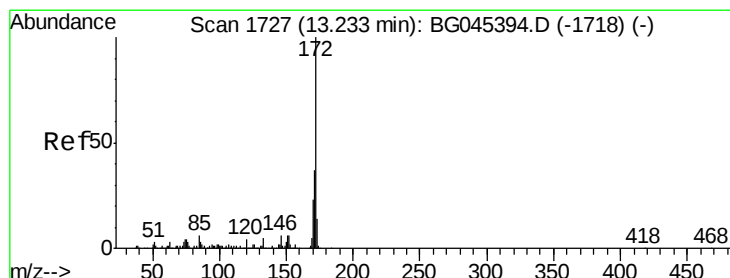
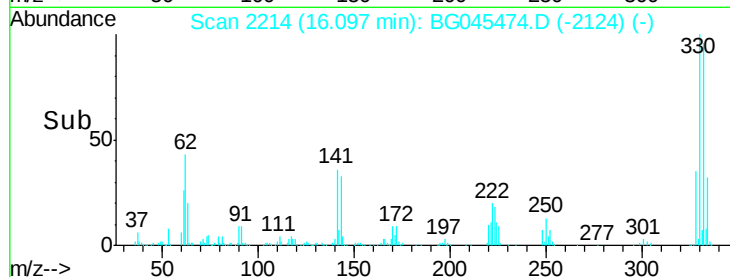
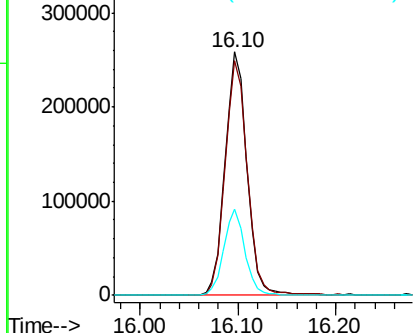
#42
 2,4,6-Tribromophenol
 Concen: 143.502 ng
 RT: 16.10 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045474.D
 Acq: 27 May 2020 13:34

Instrument :
 BNA_G
 ClientSampleId :
 PB129112BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.4
141	34.3	28.2	42.4

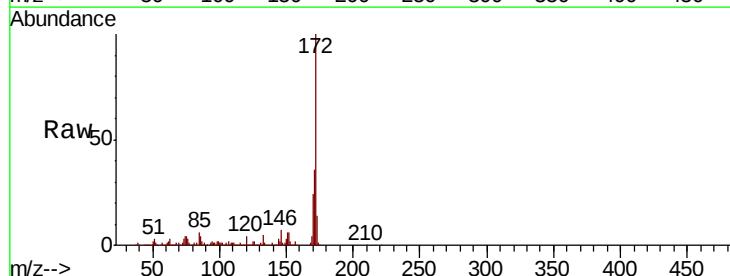


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

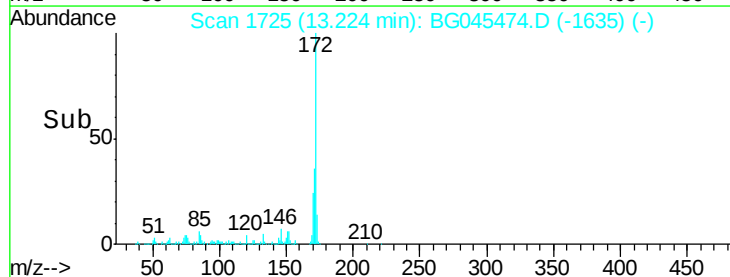
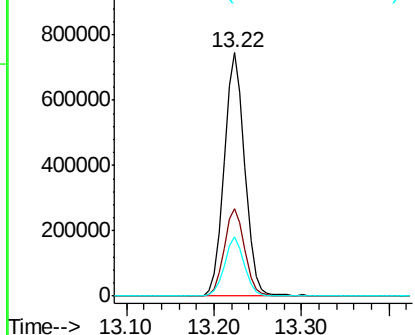


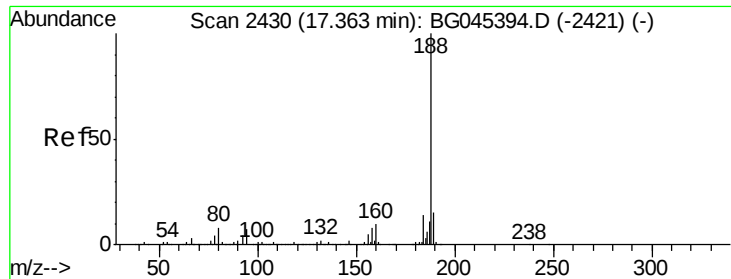
#45
 2-Fluorobiphenyl
 Concen: 92.469 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045474.D
 Acq: 27 May 2020 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

Instrument :

BNA_G

ClientSampleId :

PB129112BL

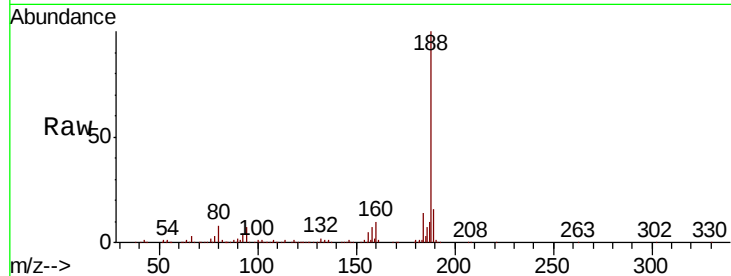
Tot Ion:188 Resp: 539943

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

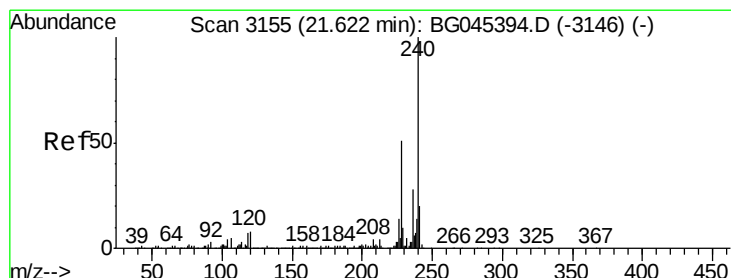
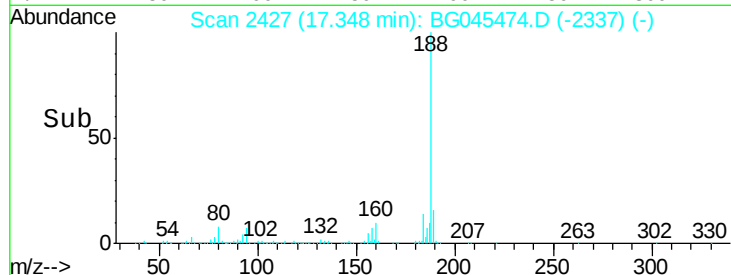
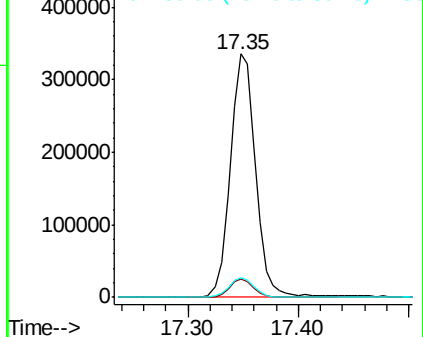
80 8.3 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

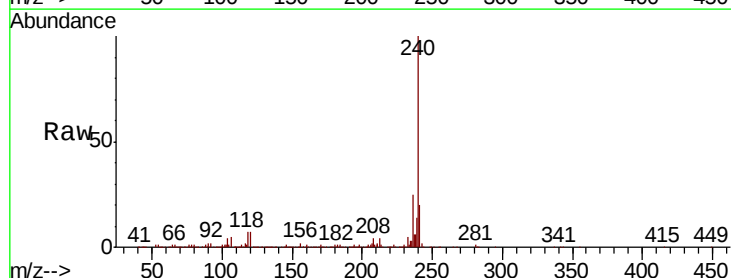
Tgt Ion:240 Resp: 578472

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

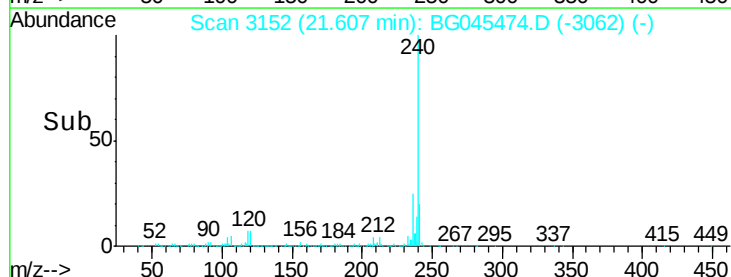
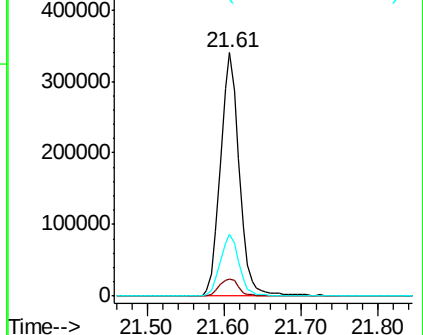
236 25.4 22.3 33.5

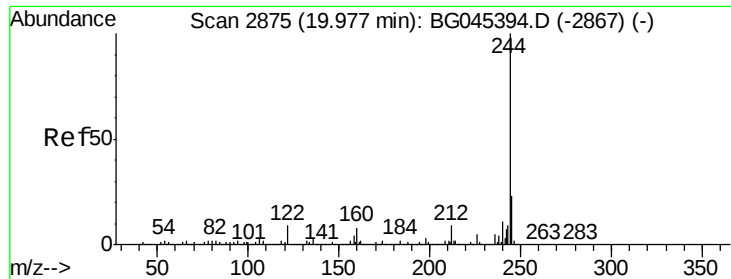


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.578 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

Instrument :

BNA_G

ClientSampleId :

PB129112BL

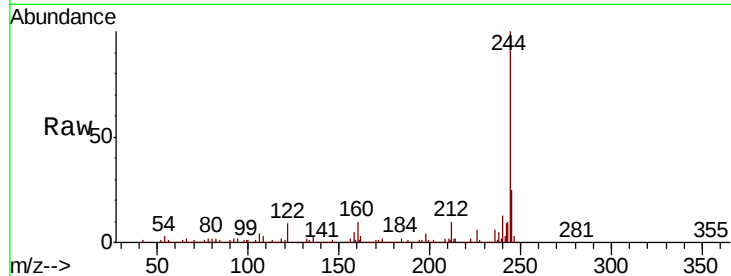
Tot Ion:244 Resp: 2320989

Ion Ratio Lower Upper

244 100

212 10.4 7.4 11.0

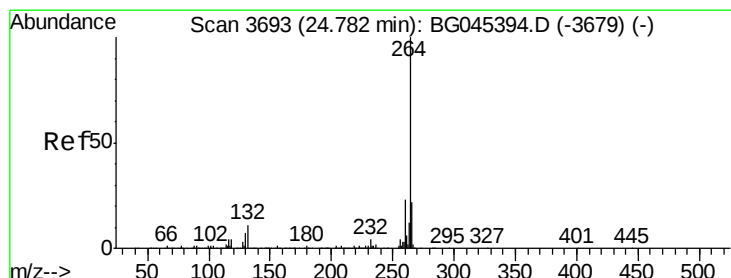
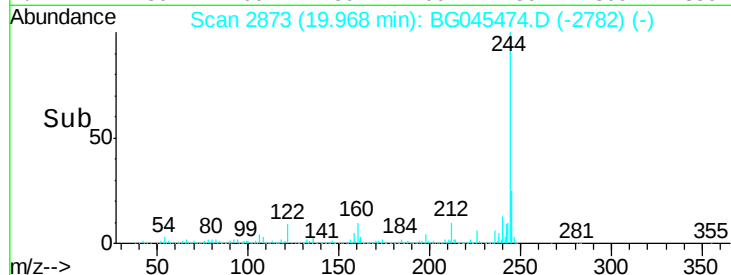
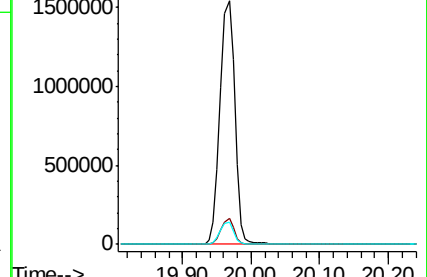
122 9.3 6.8 10.2



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: 24.76 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045474.D

Acq: 27 May 2020 13:34

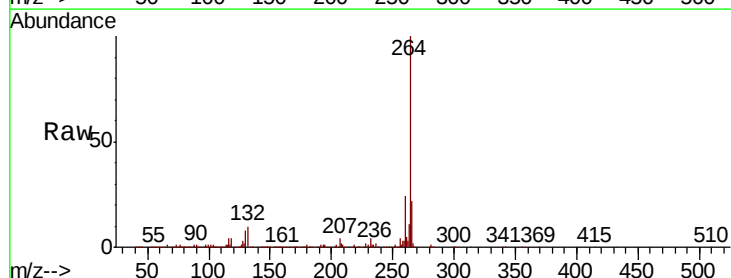
Tgt Ion:264 Resp: 587979

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.0 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

