

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045456.D
 Acq On : 26 May 2020 14:14
 Operator : CG/JU
 Sample : PB129076BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BL

Quant Time: May 26 14:55:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	65095	20.00	ng	0.01
21) Naphthalene-d8	10.77	136	258874	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	196952	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	483164	20.00	ng	0.00
76) Chrysene-d12	21.61	240	504066	20.00	ng	0.00
87) Perylene-d12	24.76	264	531865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	453615	136.19	ng	0.00
7) Phenol-d6	7.18	99	646021	136.27	ng	0.00
23) Nitrobenzene-d5	9.13	82	452074	95.23	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	355410	141.10	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1092731	94.11	ng	0.00
79) Terphenyl-d14	19.97	244	2108038	97.54	ng	0.00

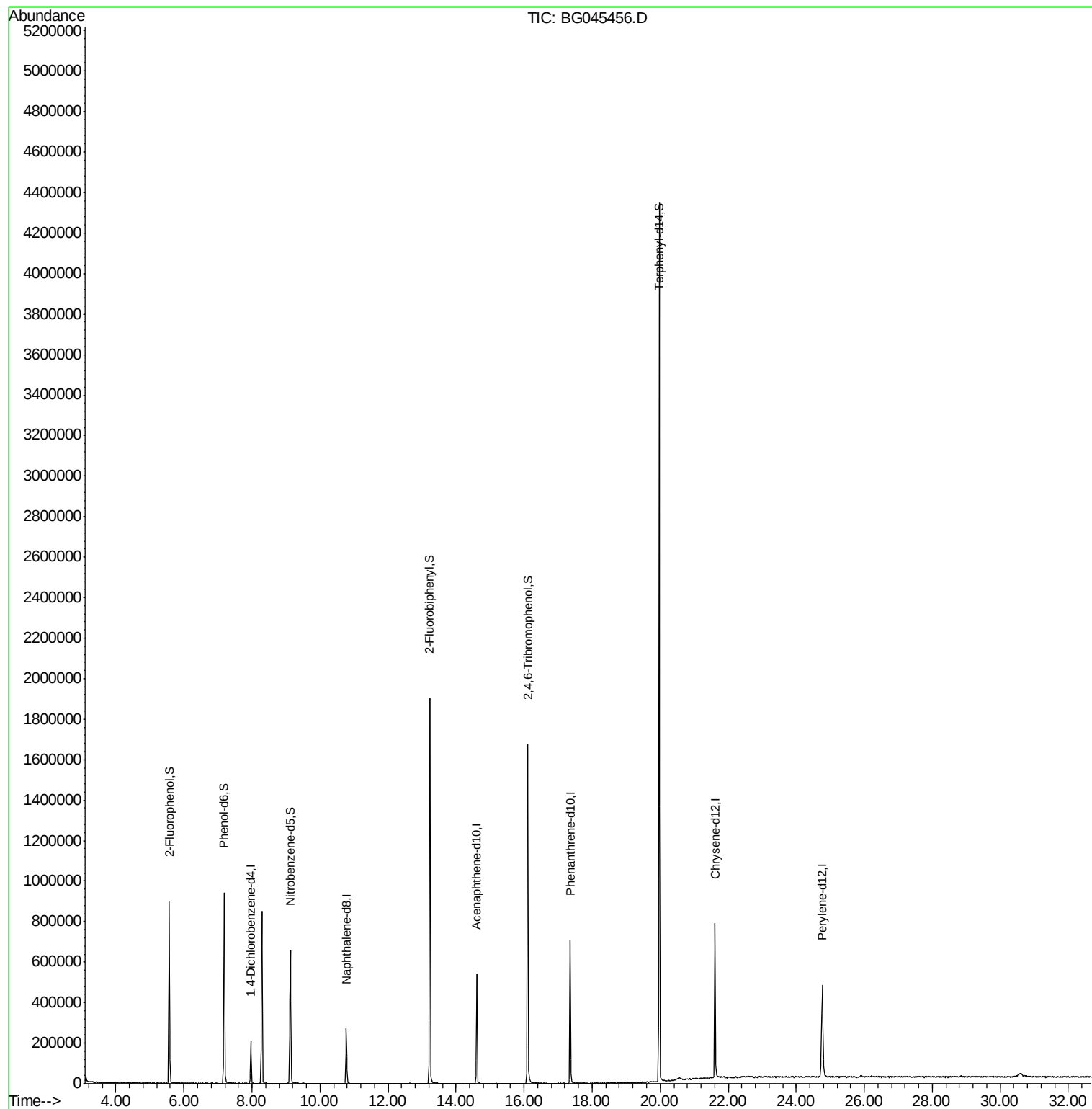
Target Compounds	Qvalue
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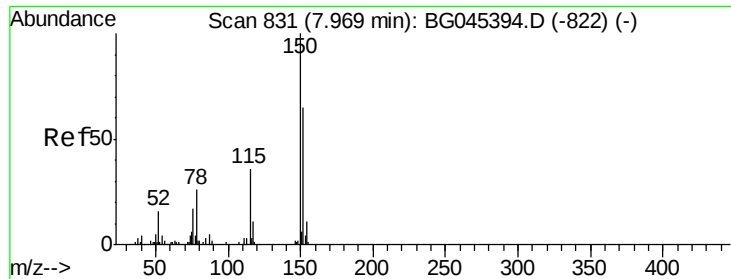
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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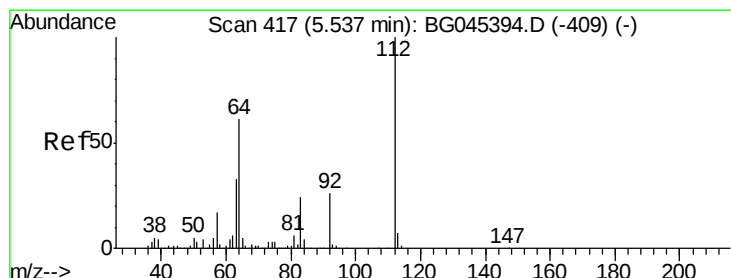
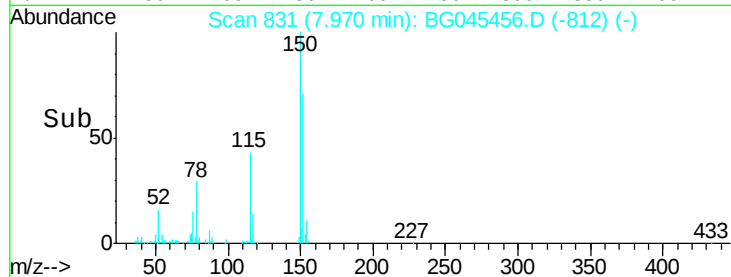
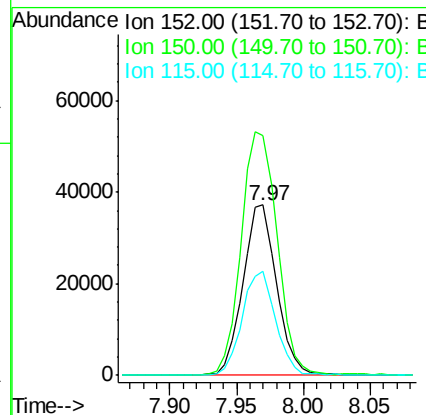
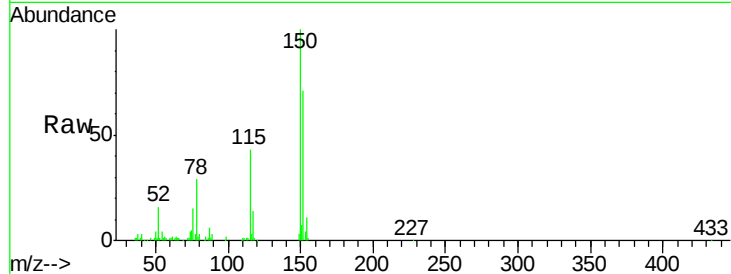


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG045456.D
Acq: 26 May 2020 14:14

Instrument :
BNA_G
ClientSampleId :
PB129076BL

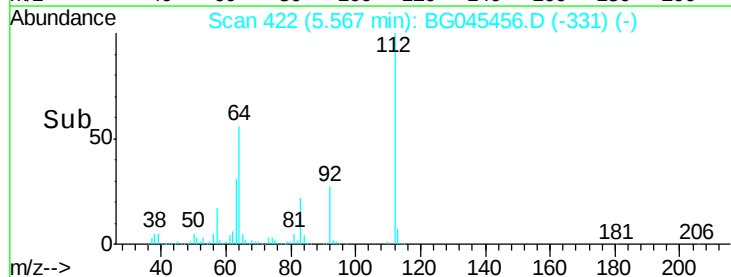
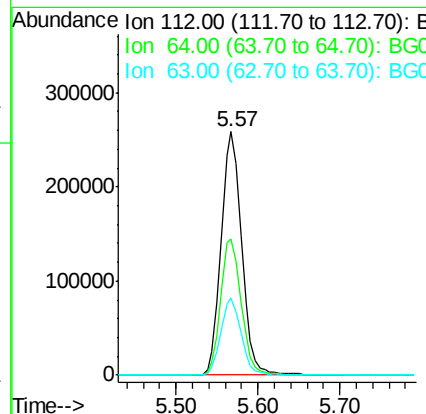
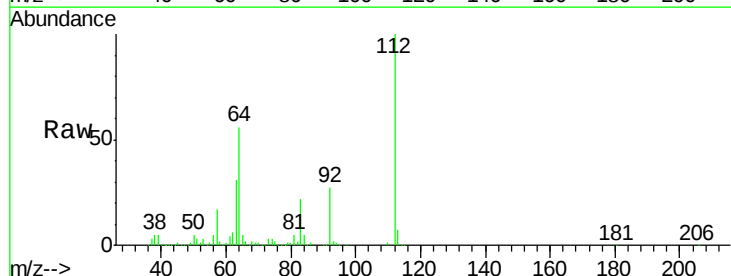
Tgt Ion:152 Resp: 65095
Ion Ratio Lower Upper
152 100
150 140.9 122.4 183.6
115 61.3 44.2 66.4

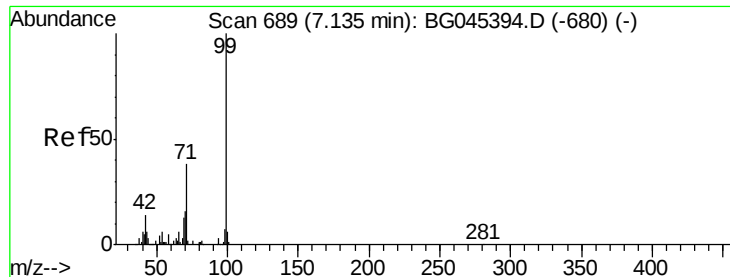


#5

2-Fluorophenol
Concen: 136.19 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG045456.D
Acq: 26 May 2020 14:14

Tgt Ion:112 Resp: 453615
Ion Ratio Lower Upper
112 100
64 56.1 48.6 72.8
63 31.5 26.5 39.7





#7

Phenol-d6

Concen: 136.27 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045456.D

Acq: 26 May 2020 14:14

Instrument :

BNA_G

ClientSampleId :

PB129076BL

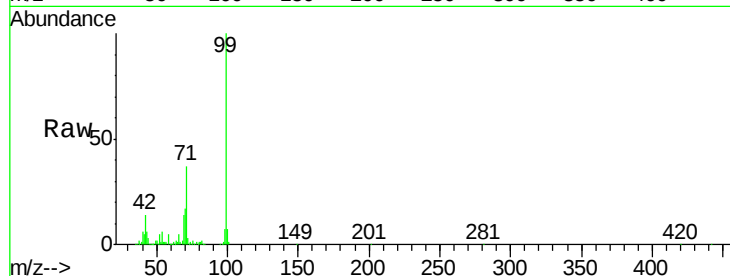
Tgt Ion: 99 Resp: 646021

Ion Ratio Lower Upper

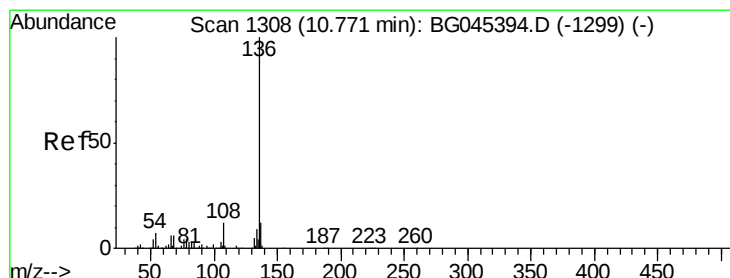
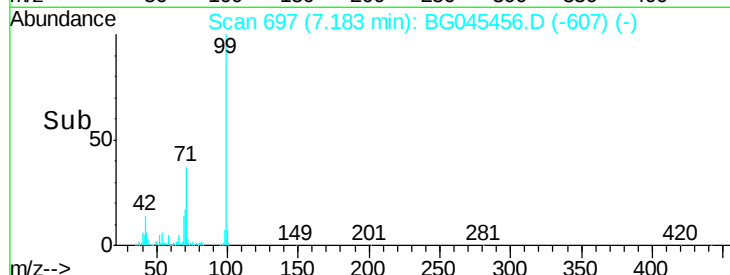
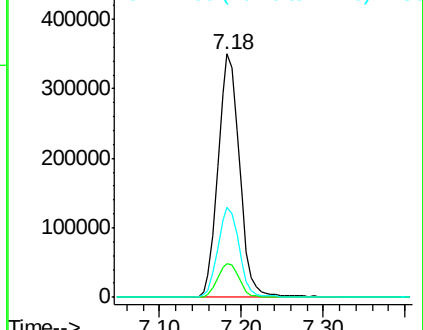
99 100

42 14.0 11.3 16.9

71 36.8 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: 20.00 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045456.D

Acq: 26 May 2020 14:14

Tgt Ion: 136 Resp: 258874

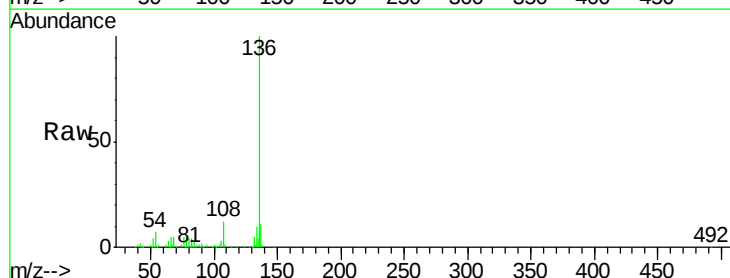
Ion Ratio Lower Upper

136 100

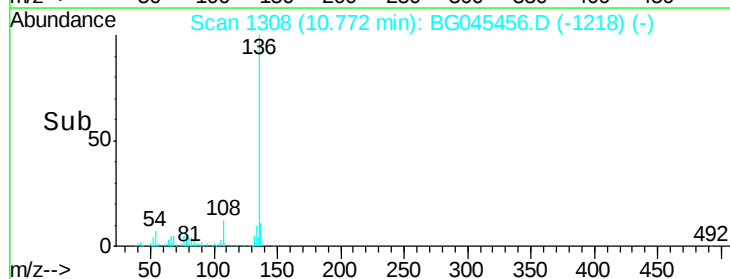
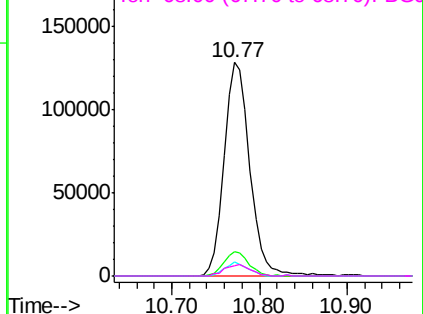
137 11.3 9.4 14.2

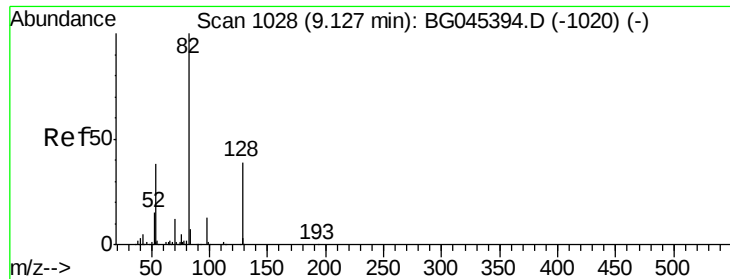
54 6.5 5.8 8.6

68 4.9 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

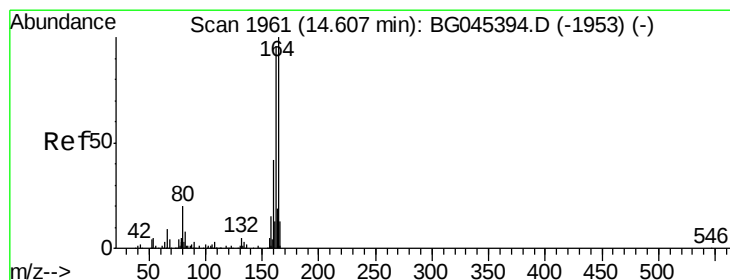
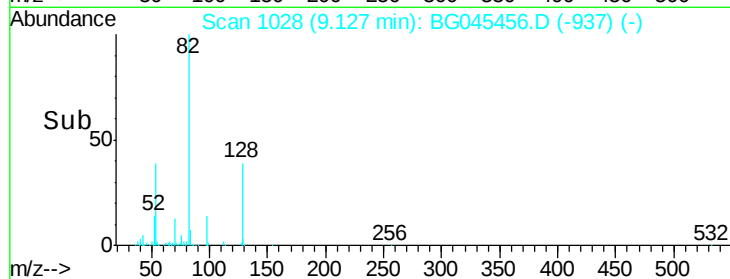
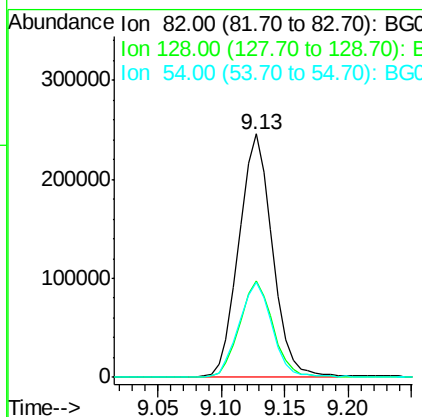
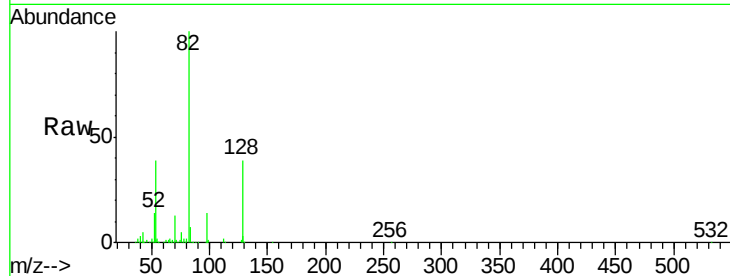




#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BG045456.D
 Acq: 26 May 2020 14:14

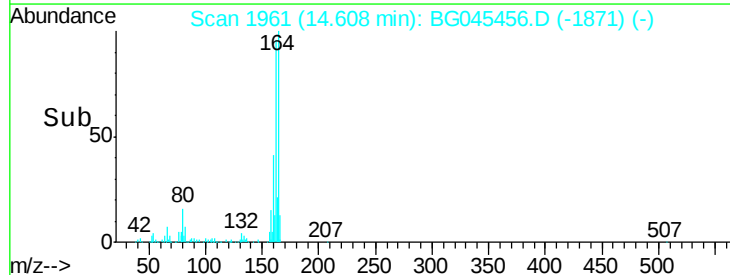
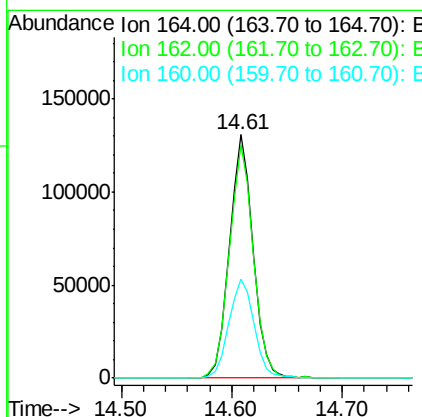
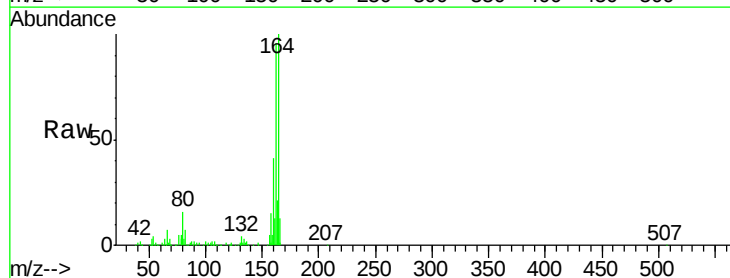
Instrument :
 BNA_G
 ClientSampleId :
 PB129076BL

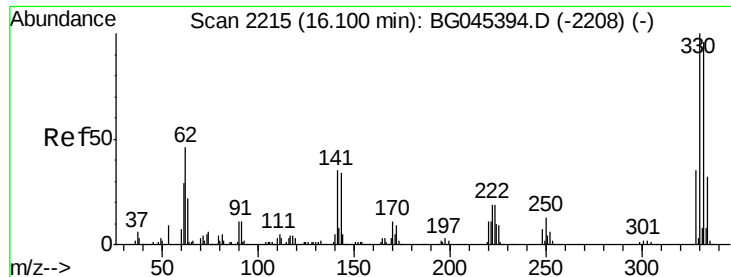
Tgt Ion: 82 Resp: 452074
 Ion Ratio Lower Upper
 82 100
 128 39.4 30.9 46.3
 54 38.9 30.3 45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG045456.D
 Acq: 26 May 2020 14:14

Tgt Ion: 164 Resp: 196952
 Ion Ratio Lower Upper
 164 100
 162 95.8 76.9 115.3
 160 40.6 33.8 50.8

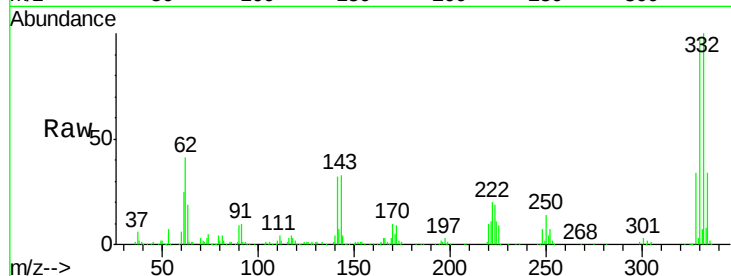




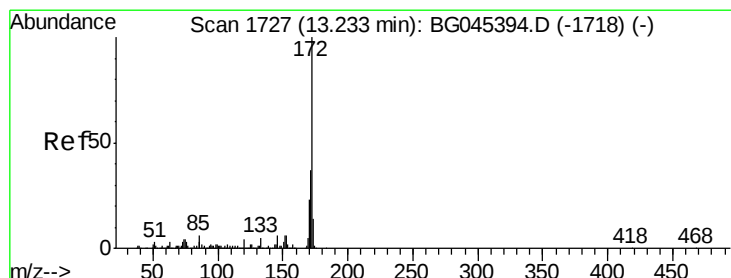
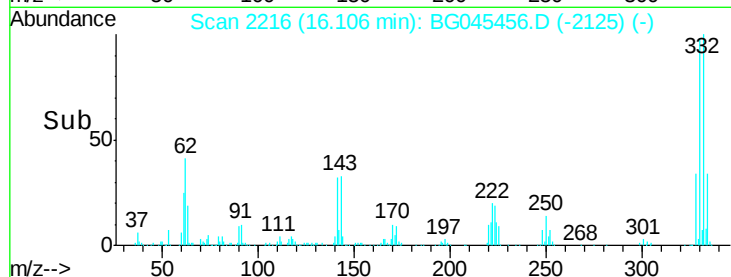
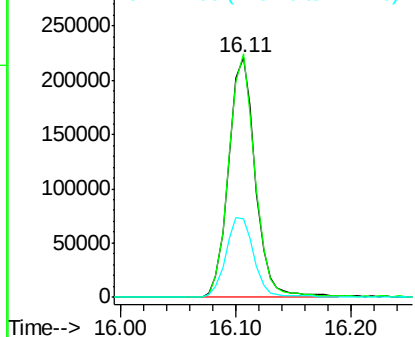
#42
 2,4,6-Tribromophenol
 Concen: 141.10 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: BG045456.D
 Acq: 26 May 2020 14:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BL

Tgt Ion:330 Resp: 355410
 Ion Ratio Lower Upper
 330 100
 332 100.3 78.2 117.4
 141 34.8 28.2 42.4

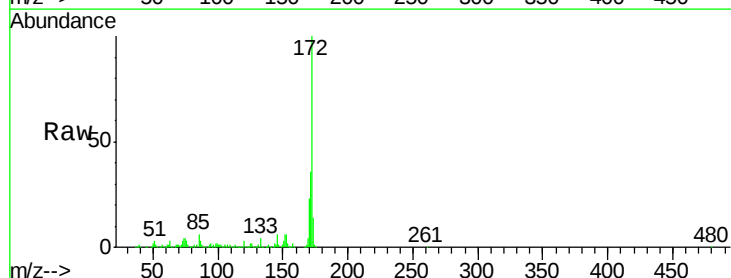


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

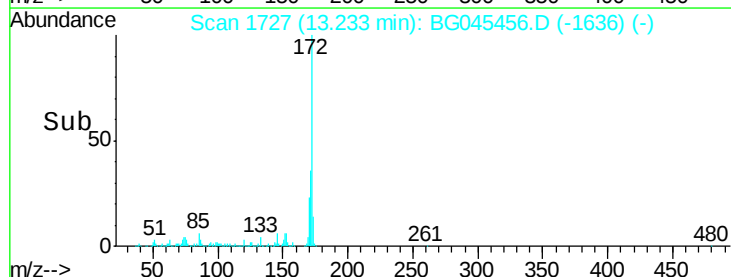
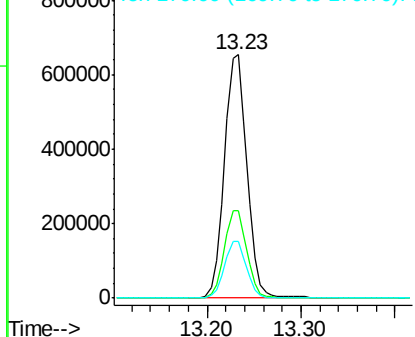


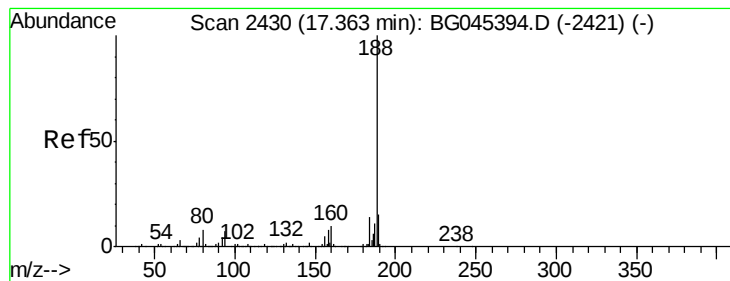
#45
 2-Fluorobiphenyl
 Concen: 94.11 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG045456.D
 Acq: 26 May 2020 14:14

Tgt Ion:172 Resp: 1092731
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.5 44.3
 170 23.3 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





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.36 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BG045456.D

Acq: 26 May 2020 14:14

Instrument :

BNA_G

ClientSampleId :

PB129076BL

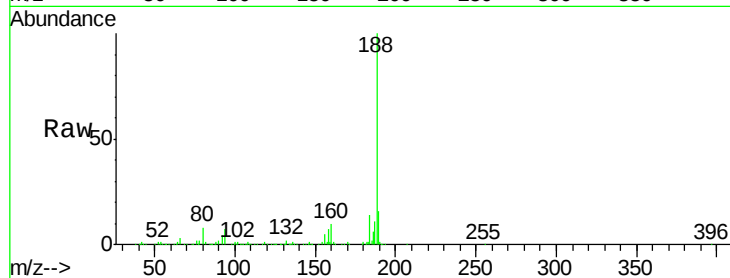
Tgt Ion:188 Resp: 483164

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

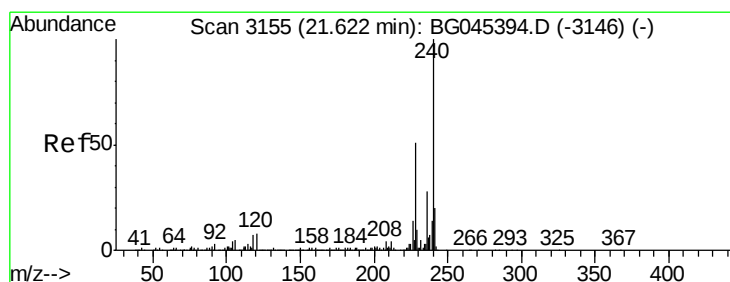
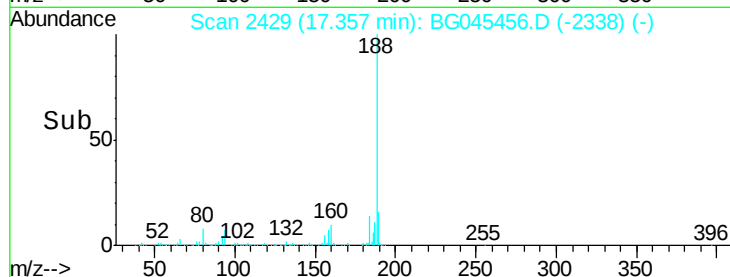
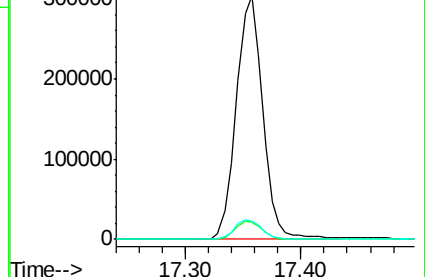
80 7.7 6.6 10.0



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: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045456.D

Acq: 26 May 2020 14:14

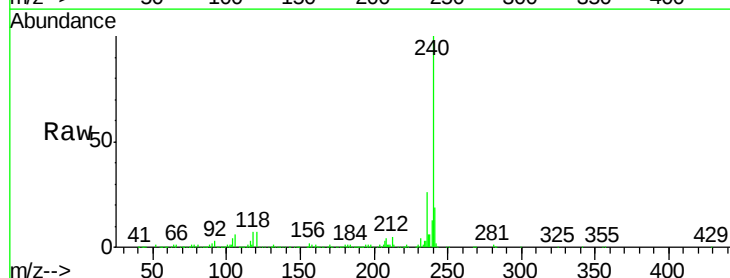
Tgt Ion:240 Resp: 504066

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

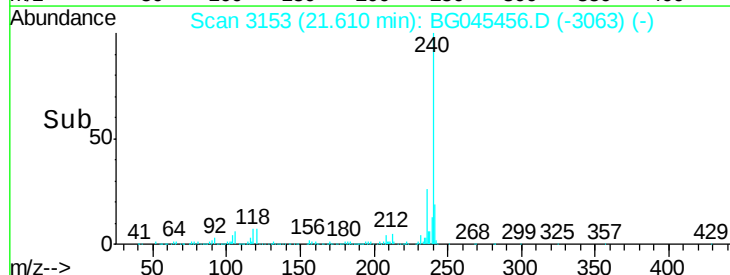
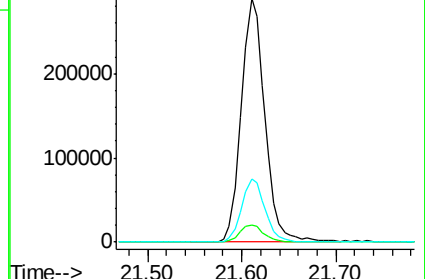
236 25.8 22.3 33.5

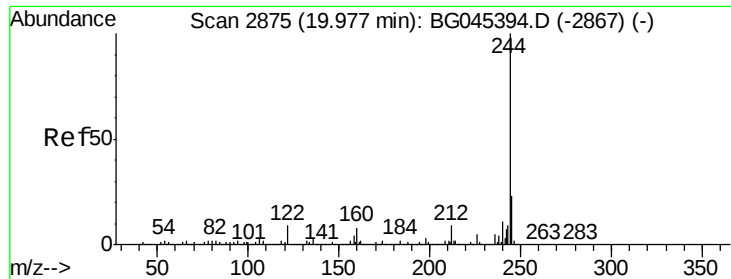


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.54 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BG045456.D

Acq: 26 May 2020 14:14

Instrument :

BNA_G

ClientSampleId :

PB129076BL

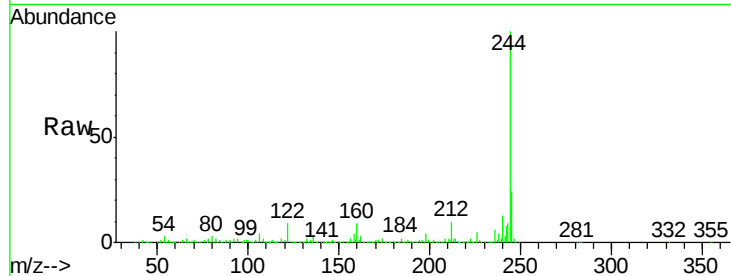
Tgt Ion:244 Resp: 2108038

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

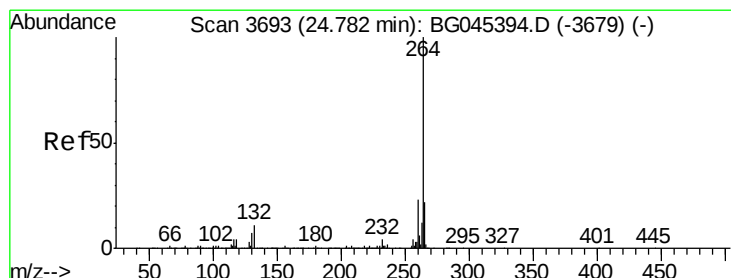
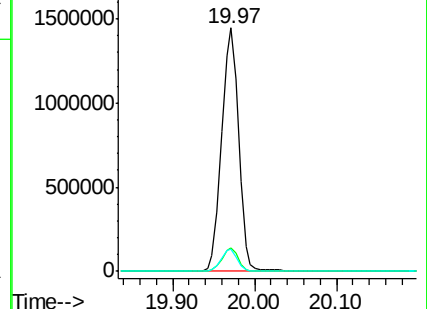
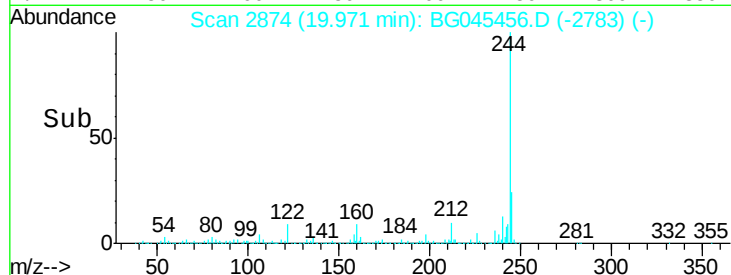
122 9.0 6.8 10.2



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: 24.76 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BG045456.D

Acq: 26 May 2020 14:14

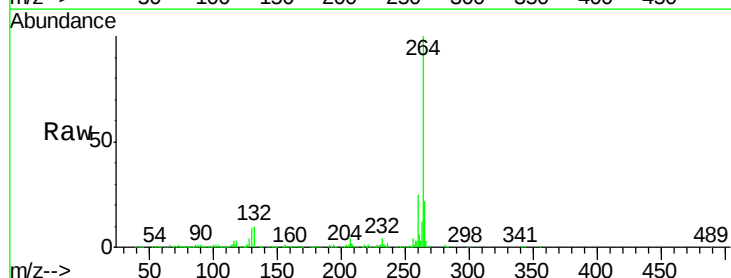
Tgt Ion:264 Resp: 531865

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.8 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

