

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045442.D
 Acq On : 21 May 2020 16:21
 Operator : CG/JU
 Sample : PB129042TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129042TB

Quant Time: May 21 17:04:15 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 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61705	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	251767	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	190284	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	470296	20.00	ng	0.00
76) Chrysene-d12	21.61	240	487931	20.00	ng	0.00
87) Perylene-d12	24.76	264	508903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	199634	63.23	ng	0.00
7) Phenol-d6	7.18	99	276256	61.47	ng	0.00
23) Nitrobenzene-d5	9.12	82	187891	40.70	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	333148	136.90	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	503462	44.88	ng	0.00
79) Terphenyl-d14	19.97	244	2503694	119.68	ng	0.00

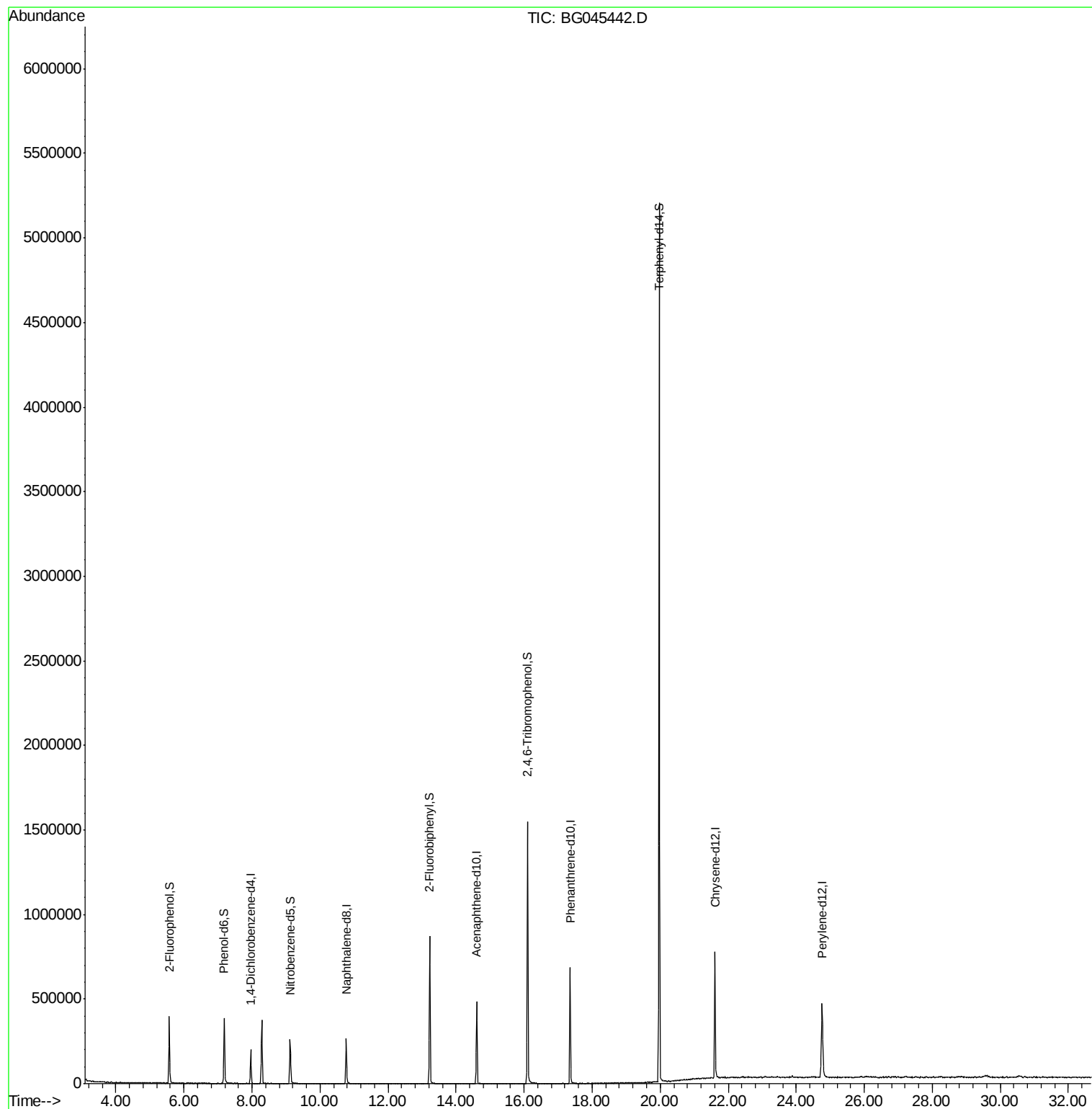
Target Compounds Qvalue

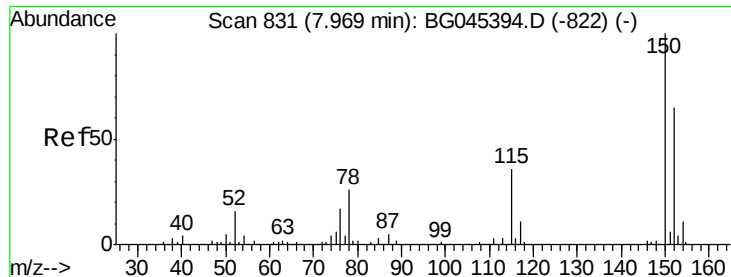
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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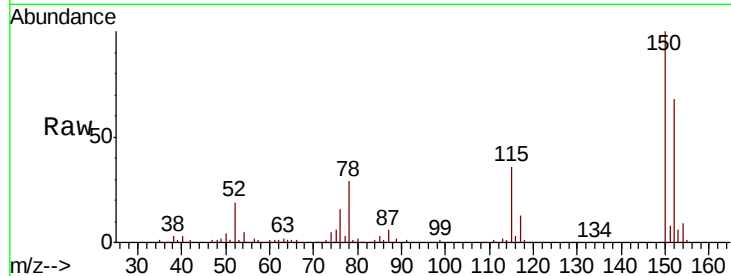


#1

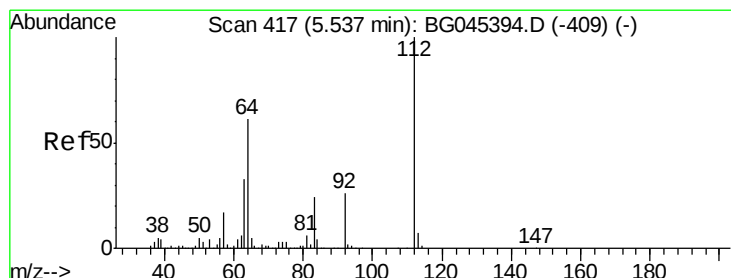
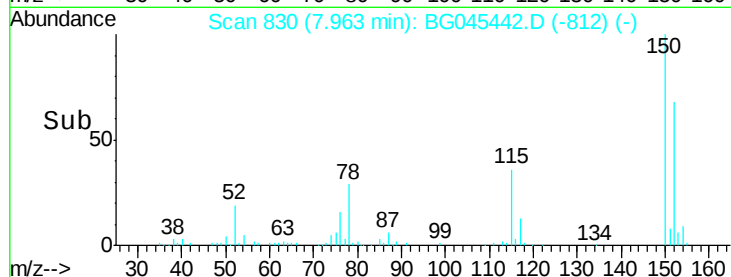
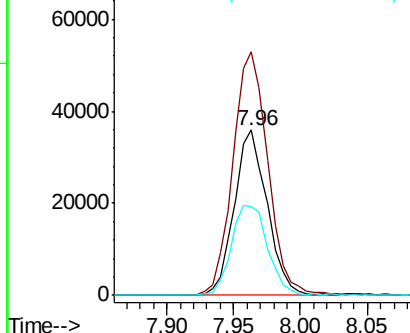
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045442.D
Acq: 21 May 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB129042TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	122.4	183.6
115	53.5	44.2	66.4



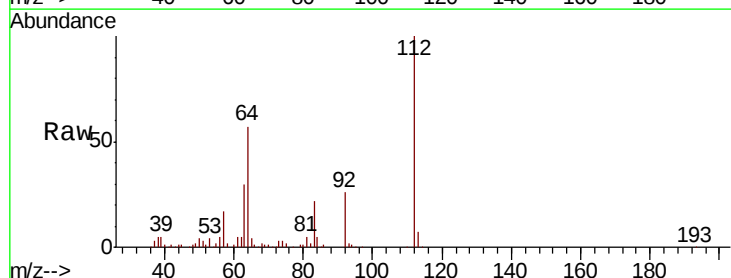
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



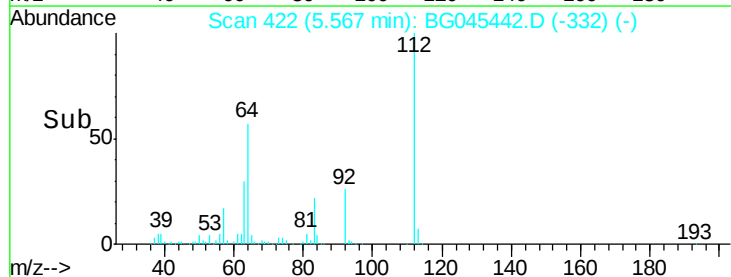
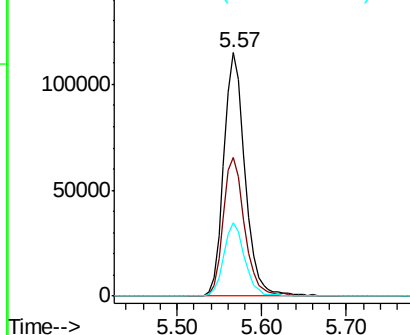
#5

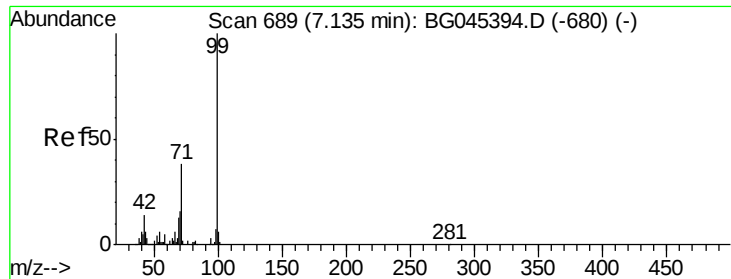
2-Fluorophenol
Concen: 63.227 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045442.D
Acq: 21 May 2020 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	48.6	72.8
63	29.9	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: 61.473 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB129042TB

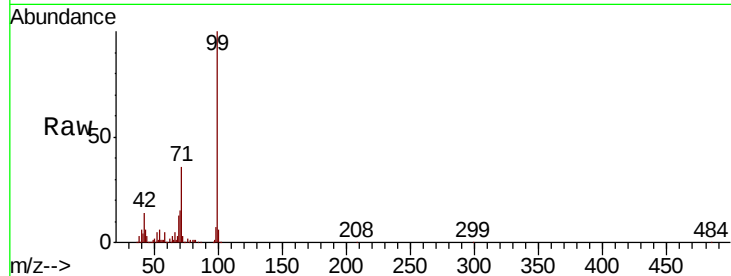
Tot Ion: 99 Resp: 276256

Ion Ratio Lower Upper

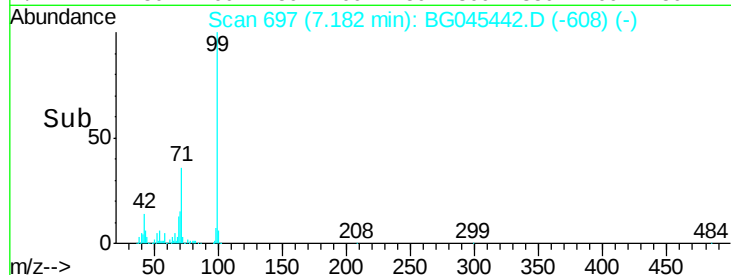
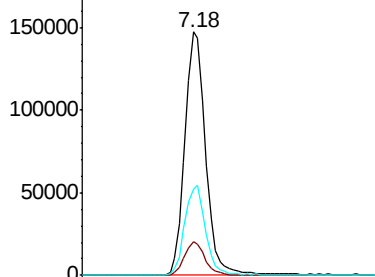
99 100

42 14.0 11.3 16.9

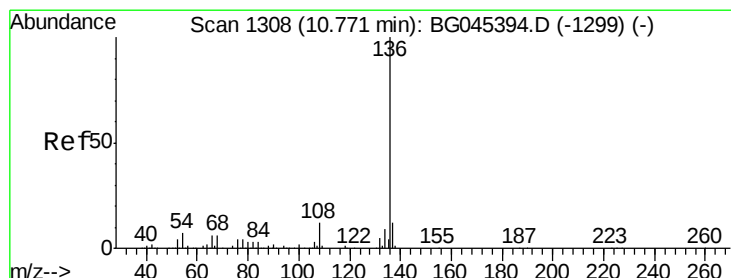
71 35.5 30.8 46.2



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

Tgt Ion: 136 Resp: 251767

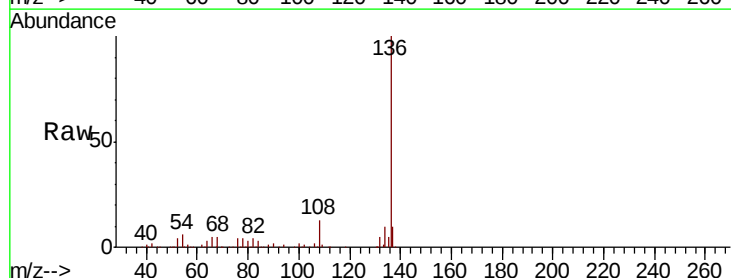
Ion Ratio Lower Upper

136 100

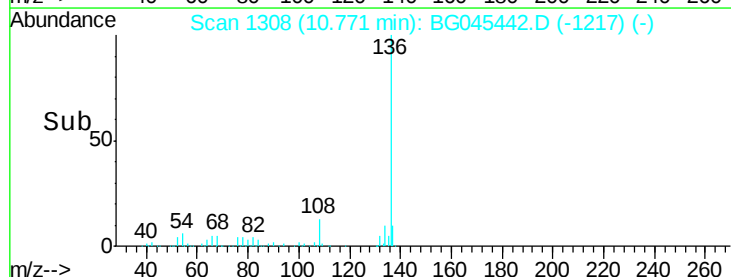
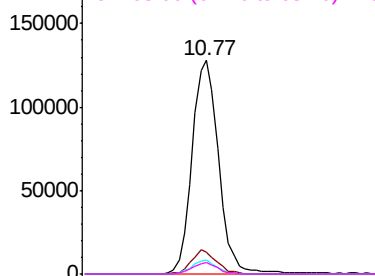
137 10.2 9.4 14.2

54 6.4 5.8 8.6

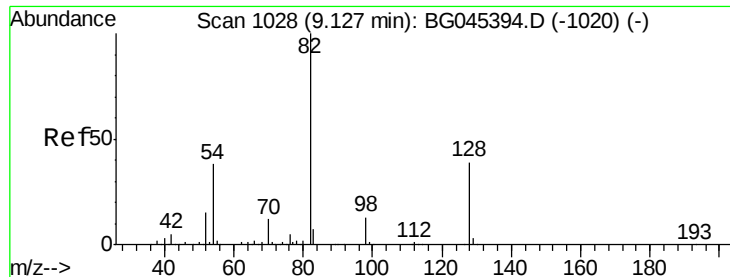
68 5.2 4.5 6.7



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



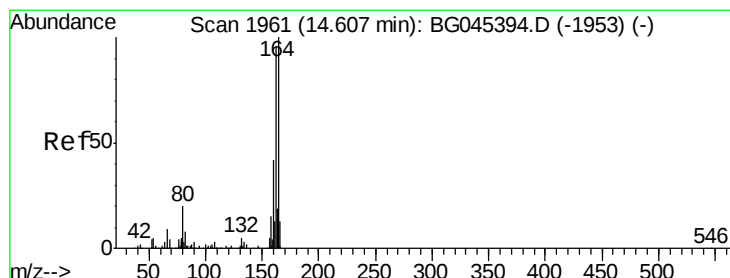
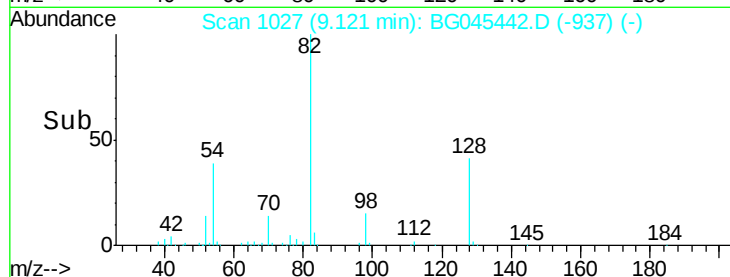
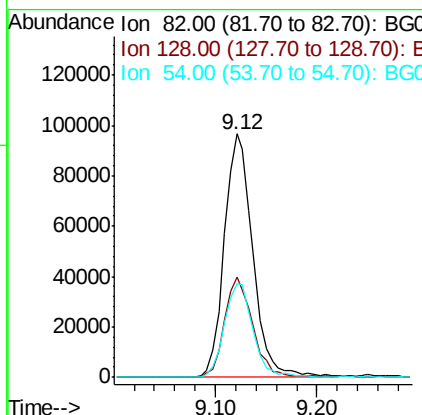
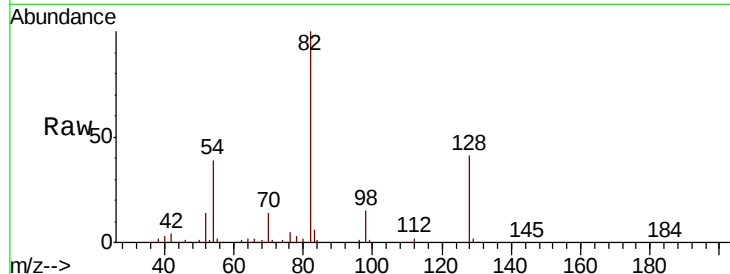
Time-->



#23
Nitrobenzene-d5
Concen: 40.696 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045442.D
Acq: 21 May 2020 16:21

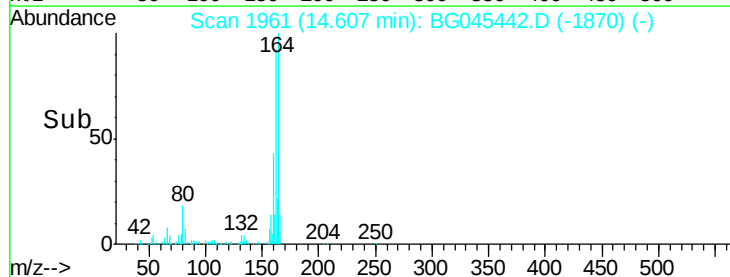
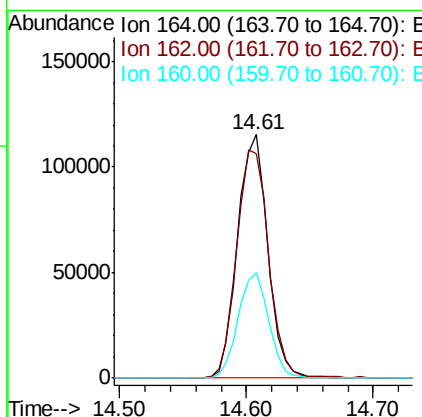
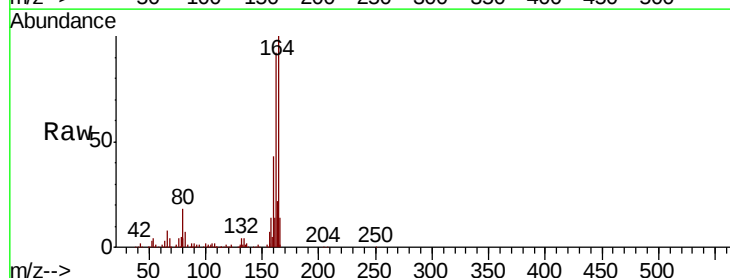
Instrument :
BNA_G
ClientSampleId :
PB129042TB

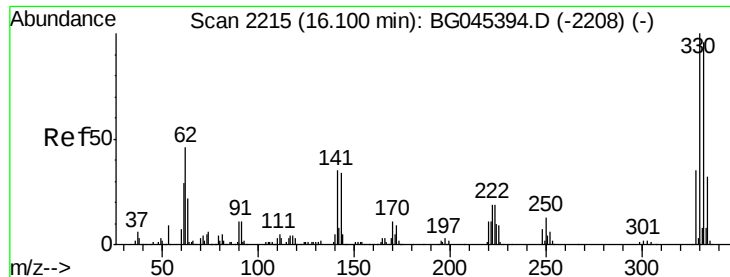
Tot Ion	82	Resp	187891
Ion Ratio	Lower	Upper	
82	100		
128	41.2	30.9	46.3
54	38.8	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG045442.D
Acq: 21 May 2020 16:21

Tgt Ion	164	Resp	190284
Ion Ratio	Lower	Upper	
164	100		
162	92.2	76.9	115.3
160	43.1	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 136.900 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB129042TB

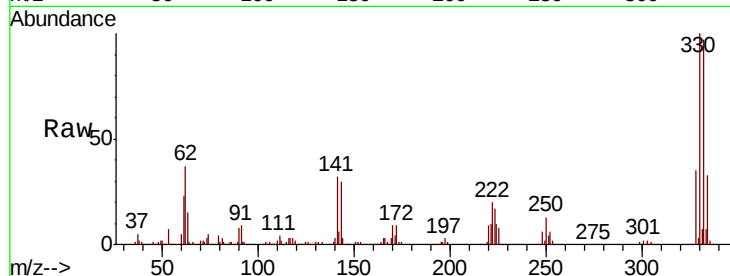
Tot Ion:330 Resp: 333148

Ion Ratio Lower Upper

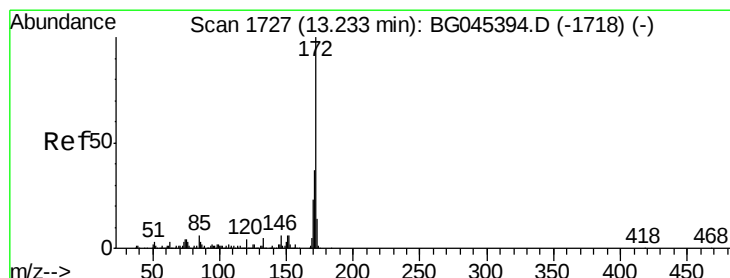
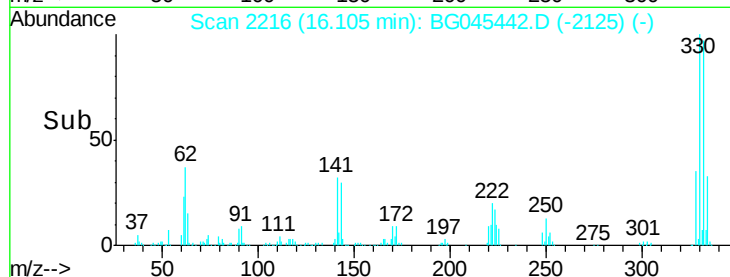
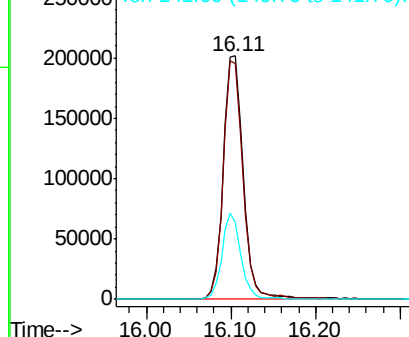
330 100

332 95.8 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: 44.879 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

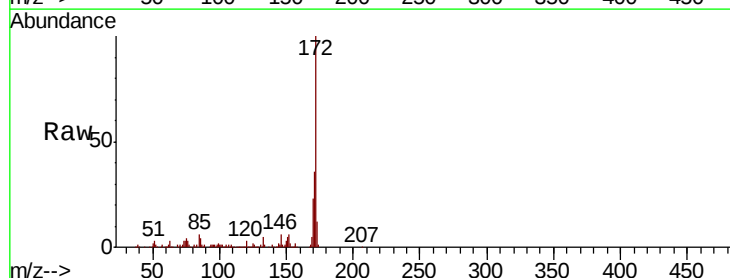
Tgt Ion:172 Resp: 503462

Ion Ratio Lower Upper

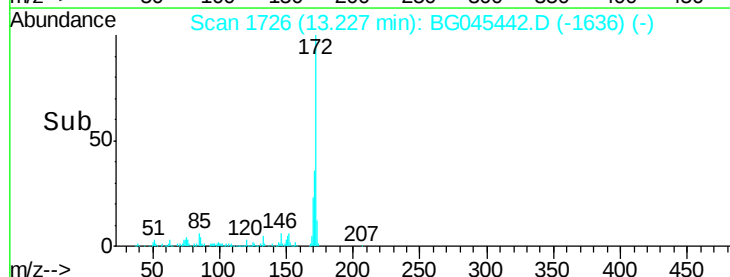
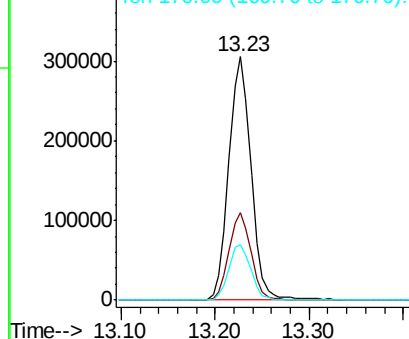
172 100

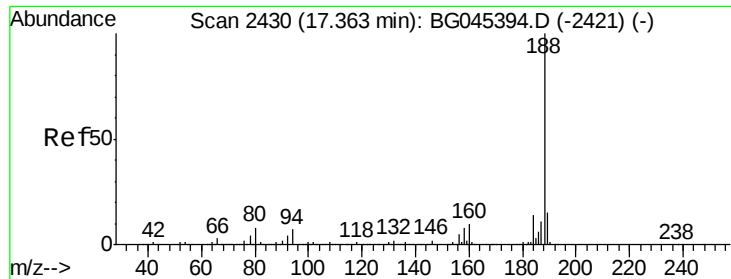
171 35.9 29.5 44.3

170 22.7 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# 2428

Delta R.T. -0.00 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB129042TB

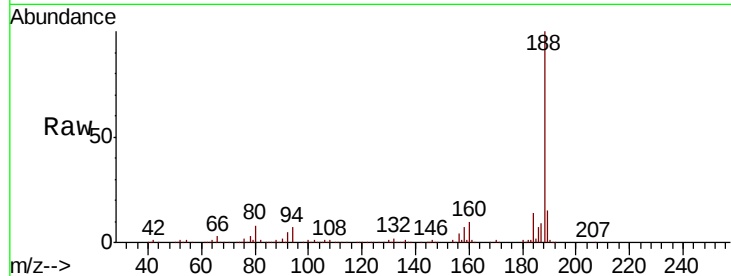
Tot Ion:188 Resp: 470296

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

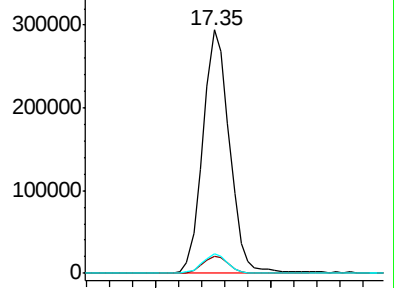
80 8.1 6.6 10.0



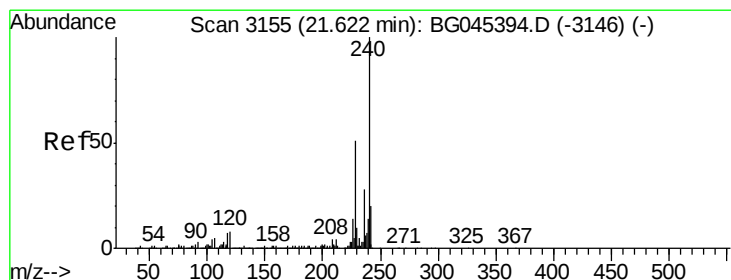
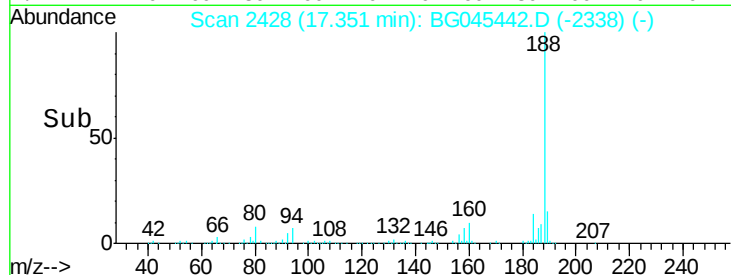
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

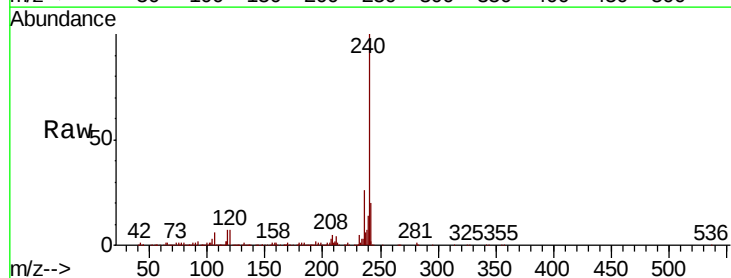
Tgt Ion:240 Resp: 487931

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

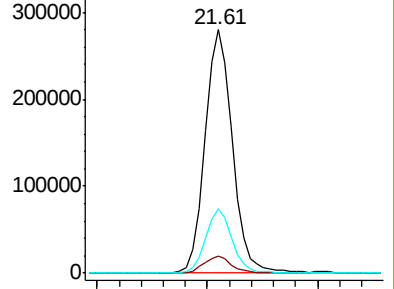
236 26.2 22.3 33.5



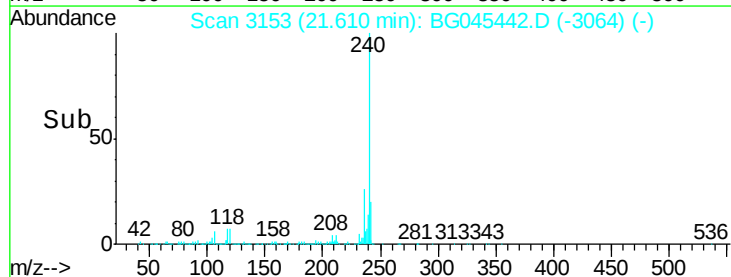
Abundance Ion 240.00 (239.70 to 240.70): E

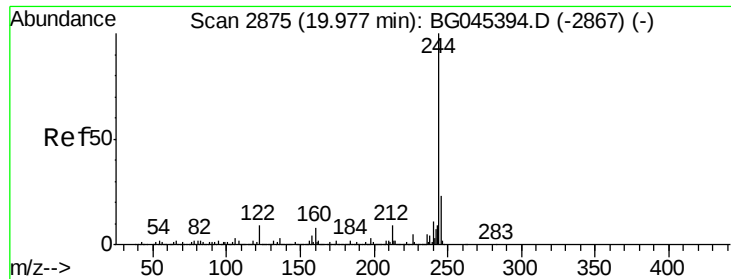
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 119.676 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB129042TB

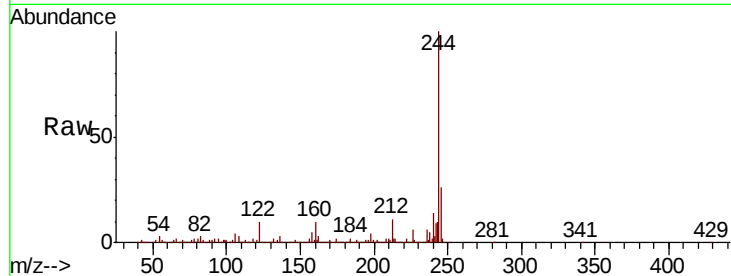
Tot Ion:244 Resp: 2503694

Ion Ratio Lower Upper

244 100

212 10.6 7.4 11.0

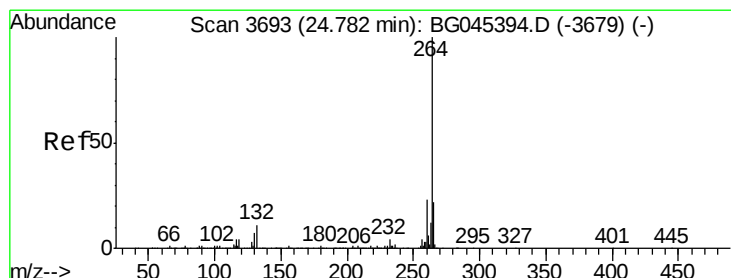
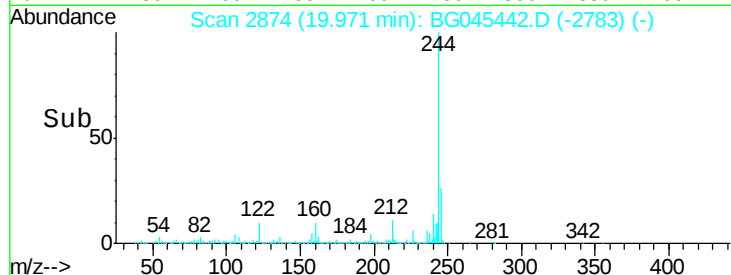
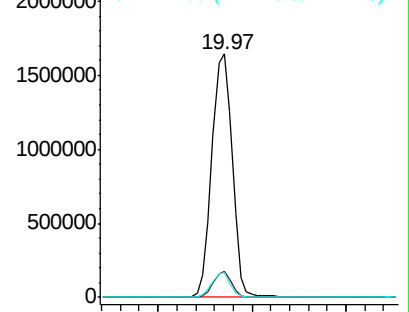
122 9.9 6.8 10.2



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: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.01 min

Lab File: BG045442.D

Acq: 21 May 2020 16:21

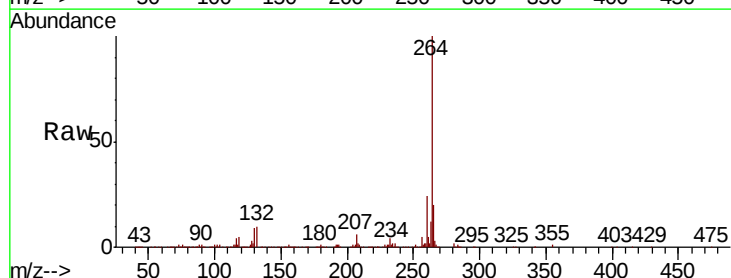
Tgt Ion:264 Resp: 508903

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.4 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

