

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045290.D
 Acq On : 8 May 2020 4:39
 Operator : CG/JU
 Sample : L2529-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12002

Quant Time: May 08 05:19:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	73616	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	301054	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	215689	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	445912	20.00	ng	0.00
76) Chrysene-d12	21.63	240	361575	20.00	ng	0.00
87) Perylene-d12	24.81	264	406080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	94528	21.20	ng	0.00
7) Phenol-d6	7.15	99	141093	21.30	ng	0.00
23) Nitrobenzene-d5	9.14	82	92844	14.07	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	67049	20.12	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	248229	16.88	ng	0.00
79) Terphenyl-d14	19.99	244	328192	19.78	ng	0.00

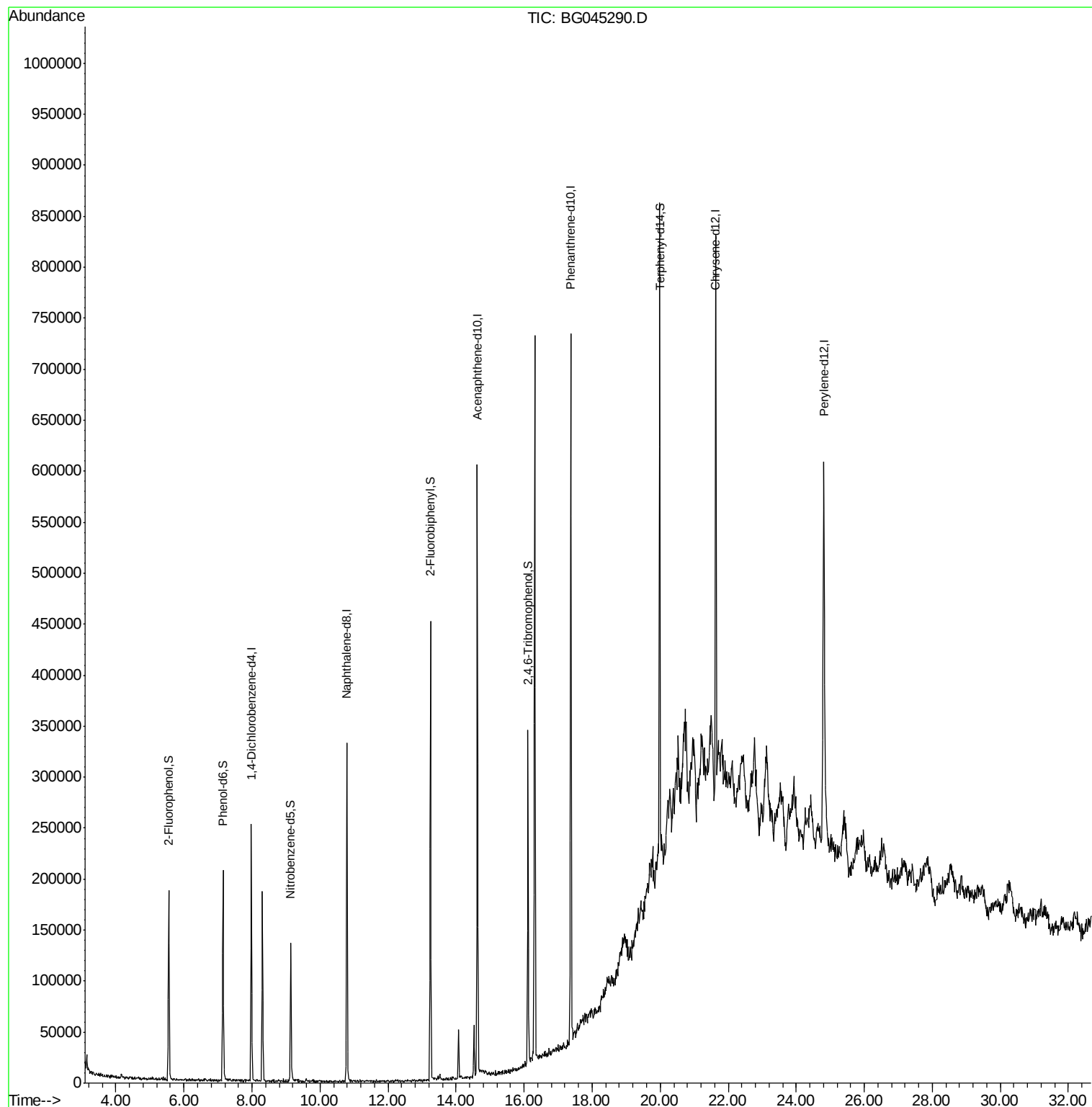
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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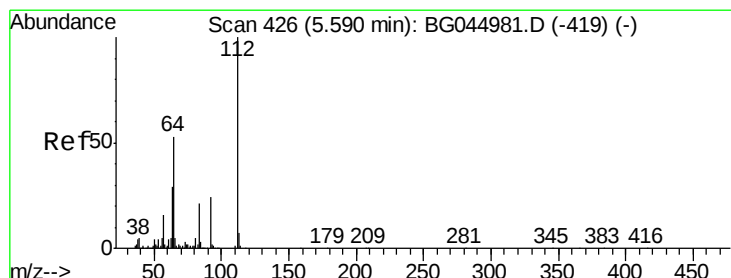
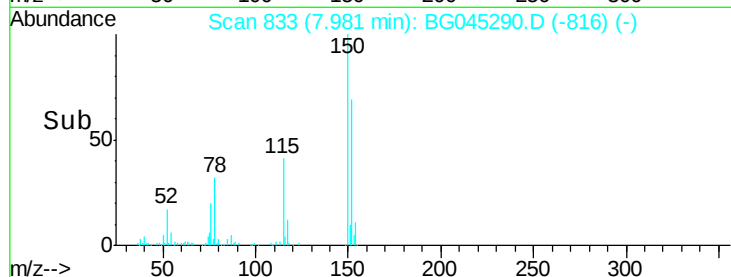
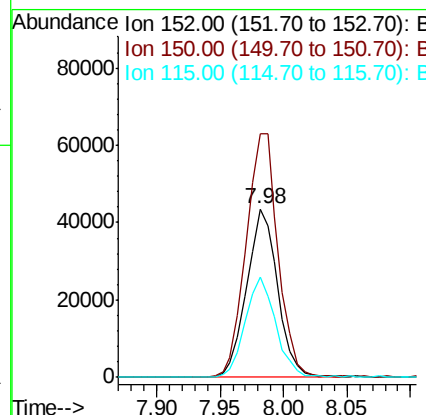
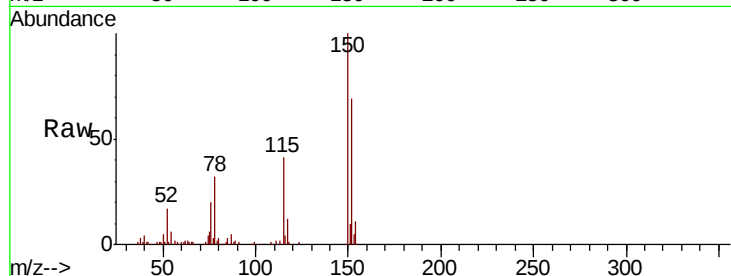


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045290.D
 Acq: 8 May 2020 4:39

Instrument :
 BNA_G
 ClientSampleId :
 72-12002

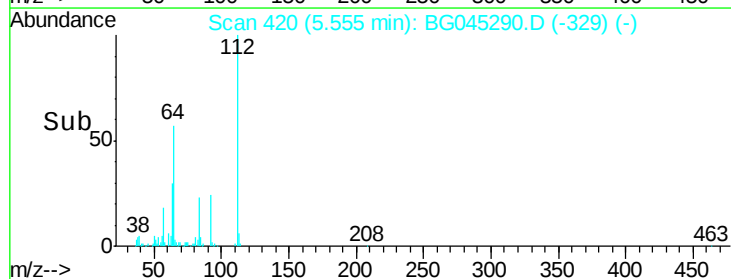
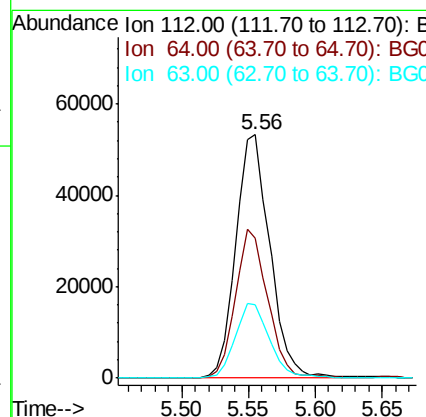
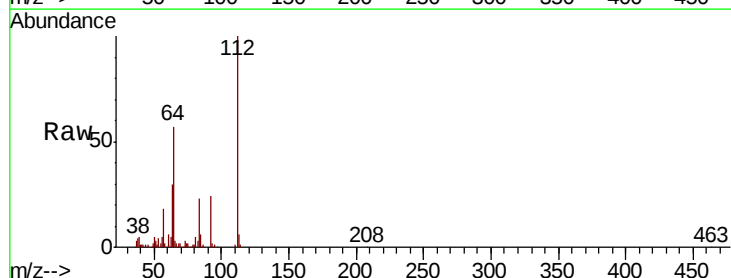
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	123.6	185.4
115	59.9	49.1	73.7



#5

2-Fluorophenol
 Concen: 21.199 ng
 RT: 5.56 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BG045290.D
 Acq: 8 May 2020 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	30.2	23.1	34.7





#7

Phenol-d6

Concen: 21.297 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045290.D

Acq: 8 May 2020 4:39

Instrument :

BNA_G

ClientSampleId :

72-12002

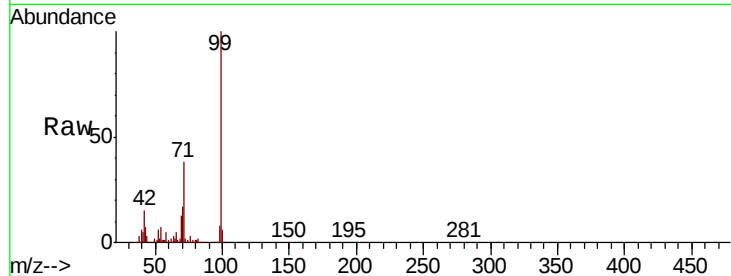
Tot Ion: 99 Resp: 141093

Ion Ratio Lower Upper

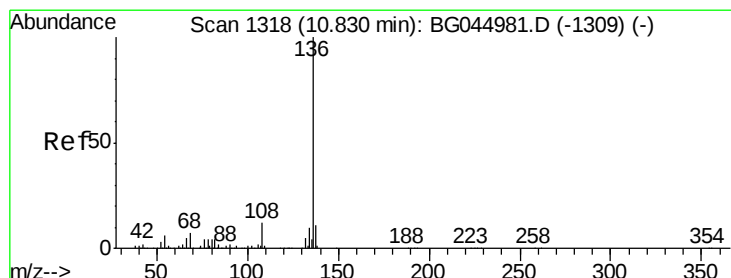
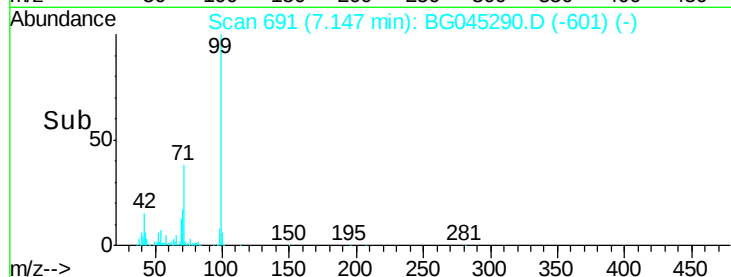
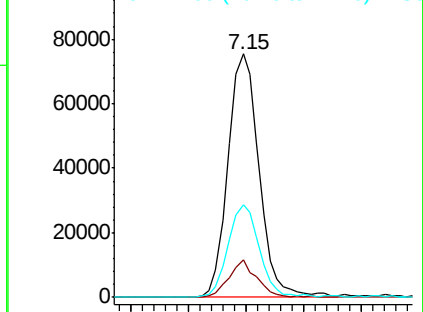
99 100

42 15.3 11.3 16.9

71 38.1 28.3 42.5



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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045290.D

Acq: 8 May 2020 4:39

Tgt Ion: 136 Resp: 301054

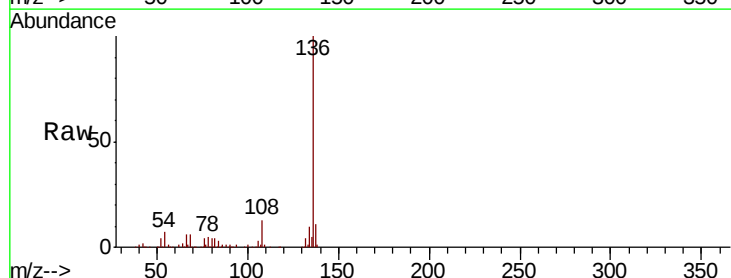
Ion Ratio Lower Upper

136 100

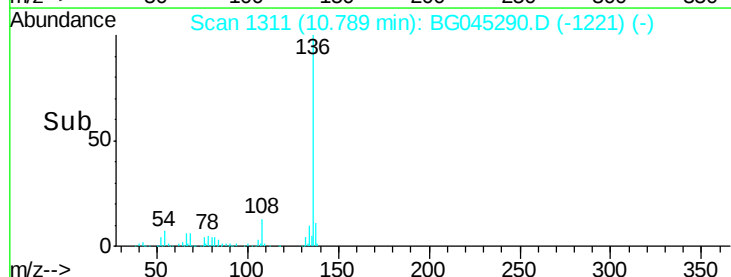
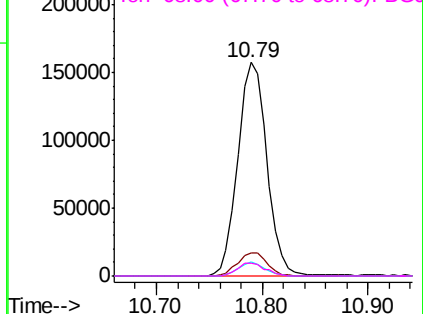
137 10.7 8.6 13.0

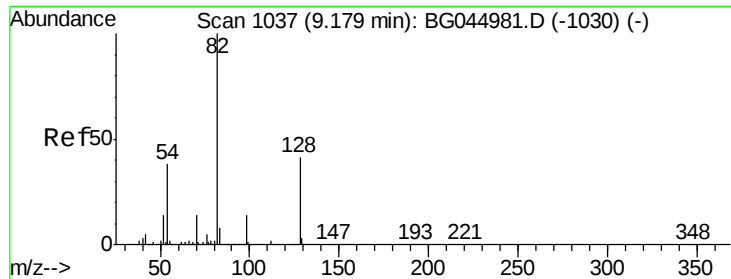
54 6.6 4.8 7.2

68 5.8 5.2 7.8



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

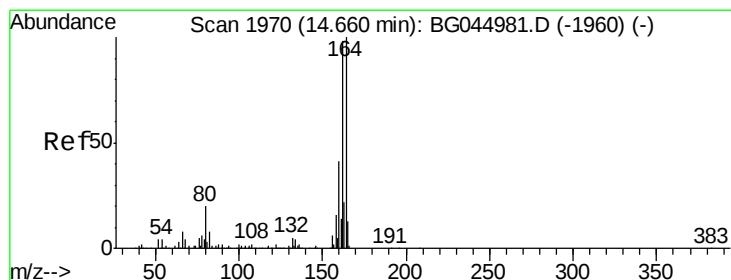
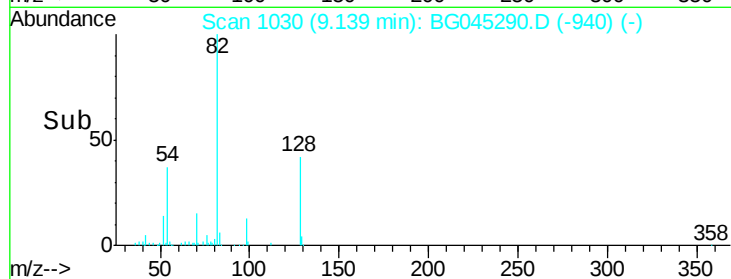
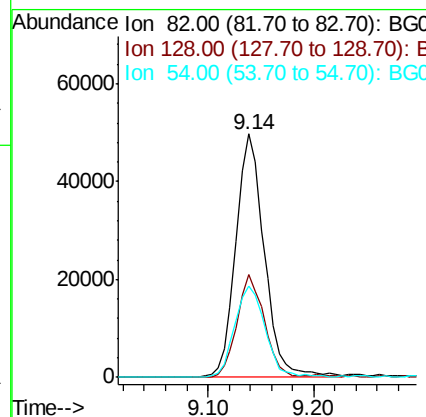
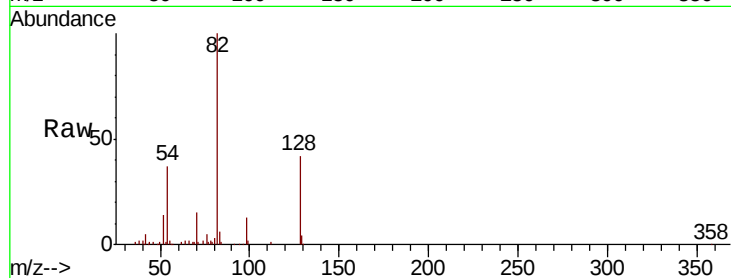




#23
Nitrobenzene-d5
Concen: 14.072 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045290.D
Acq: 8 May 2020 4:39

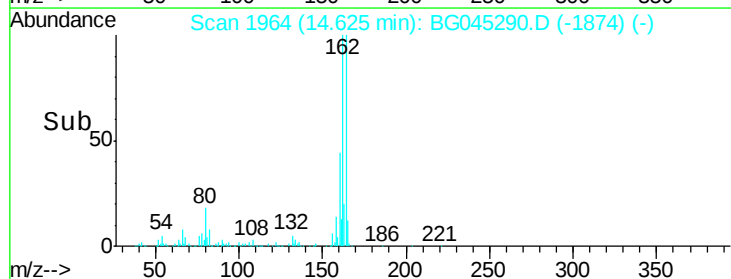
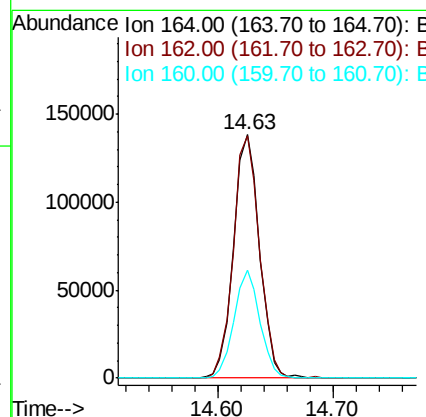
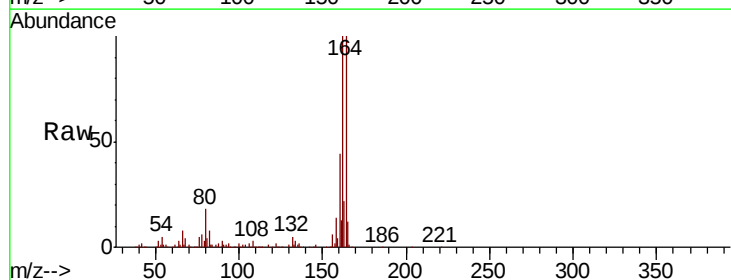
Instrument :
BNA_G
ClientSampleId :
72-12002

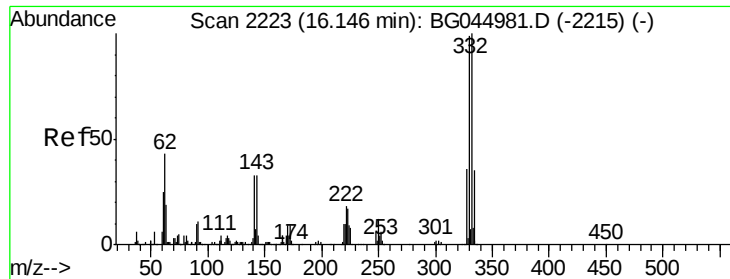
Tot Ion	82	Resp	92844
Ion Ratio	Lower	Upper	
82	100		
128	42.4	33.0	49.4
54	37.3	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045290.D
Acq: 8 May 2020 4:39

Tgt Ion	164	Resp	215689
Ion Ratio	Lower	Upper	
164	100		
162	99.6	78.7	118.1
160	44.1	32.8	49.2

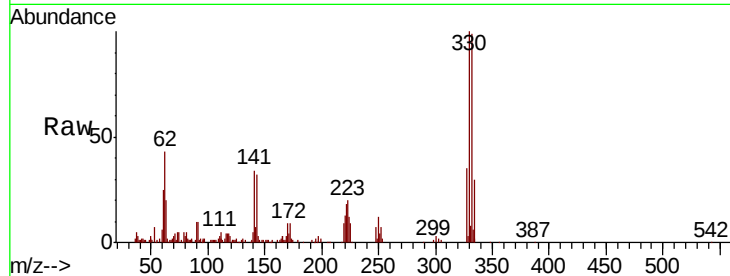




#42
2,4,6-Tribromophenol
Concen: 20.122 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045290.D
Acq: 8 May 2020 4:39

Instrument :
BNA_G
ClientSampleId :
72-12002

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.3	79.1	118.7
141	38.9	27.1	40.7

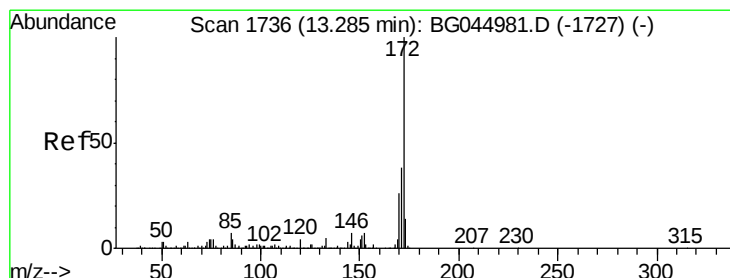
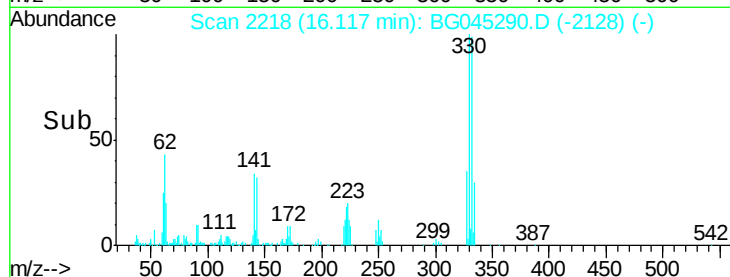
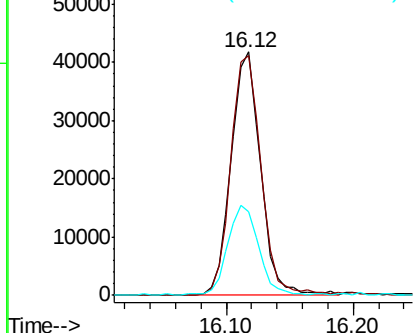


Abundance

Ion 329.80 (329.50 to 330.50): E

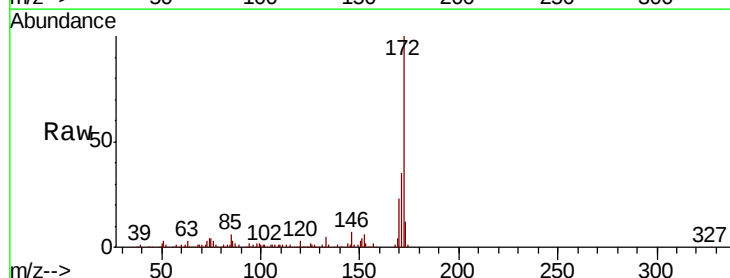
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 16.875 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045290.D
Acq: 8 May 2020 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.6	46.0
170	23.0	20.5	30.7

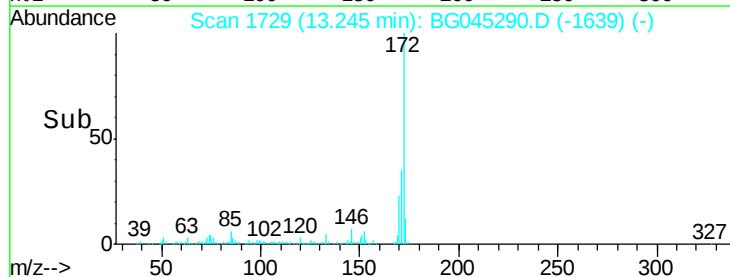
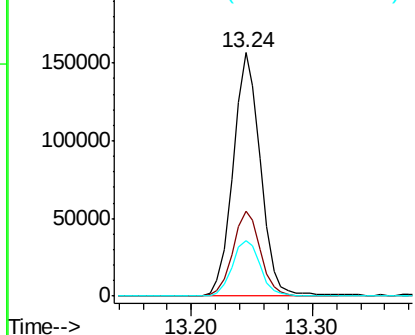


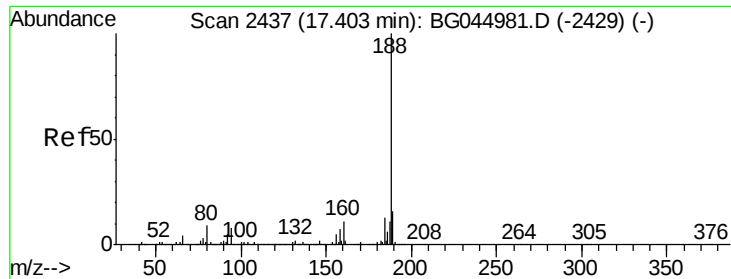
Abundance

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: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045290.D

Acq: 8 May 2020 4:39

Instrument :

BNA_G

ClientSampleId :

72-12002

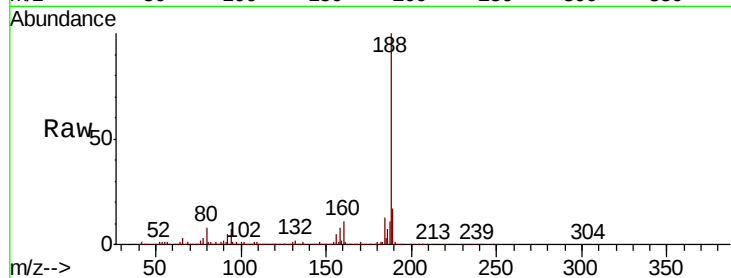
Tot Ion:188 Resp: 445912

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

80 8.0 7.0 10.6



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

300000

200000

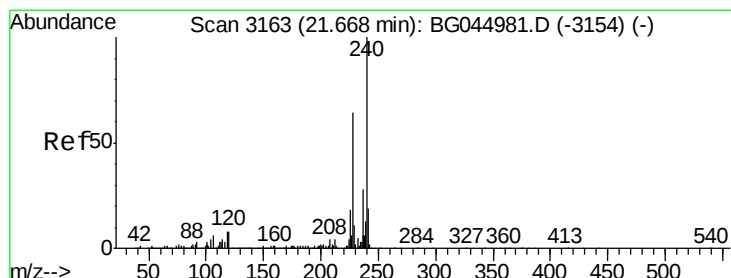
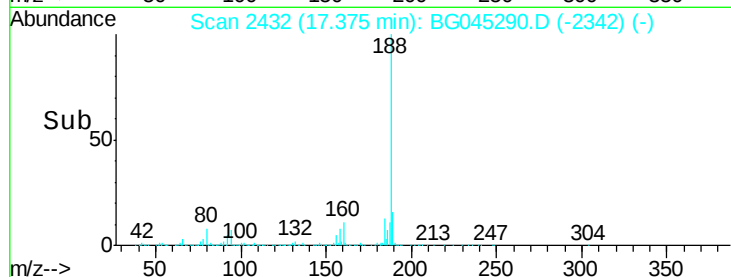
100000

0

17.30

17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045290.D

Acq: 8 May 2020 4:39

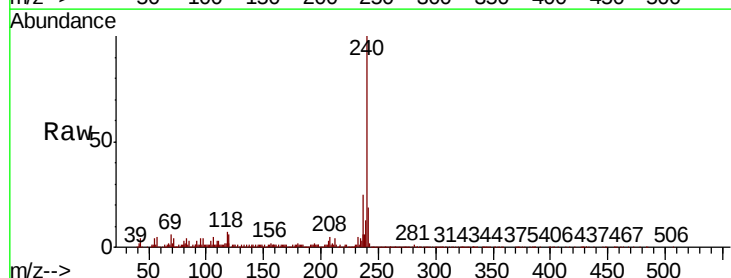
Tgt Ion:240 Resp: 361575

Ion Ratio Lower Upper

240 100

120 6.4 6.6 10.0#

236 25.2 22.2 33.2



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

250000

200000

150000

100000

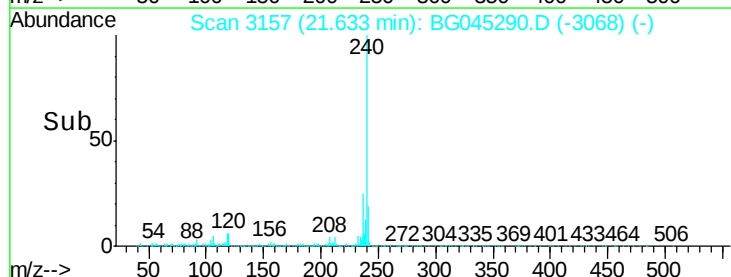
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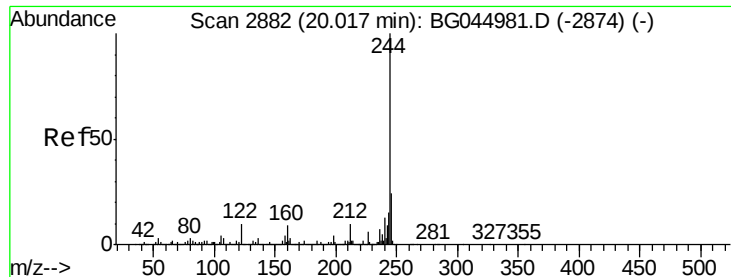
0

21.60

21.70

Time-->





#79

Terphenyl-d14

Concen: 19.783 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045290.D

Acq: 8 May 2020 4:39

Instrument :

BNA_G

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72-12002

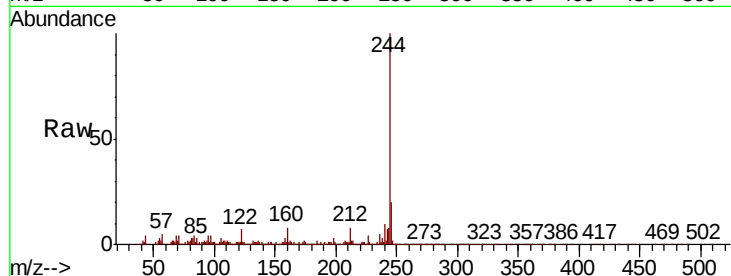
Tot Ion:244 Resp: 328192

Ion Ratio Lower Upper

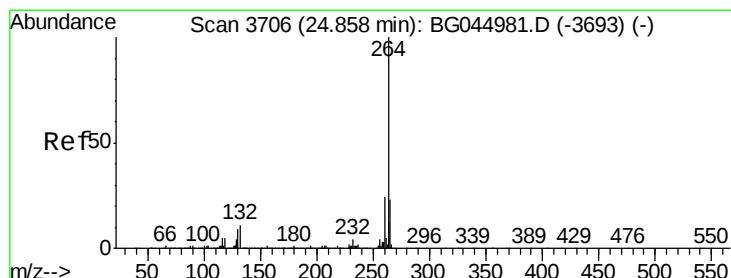
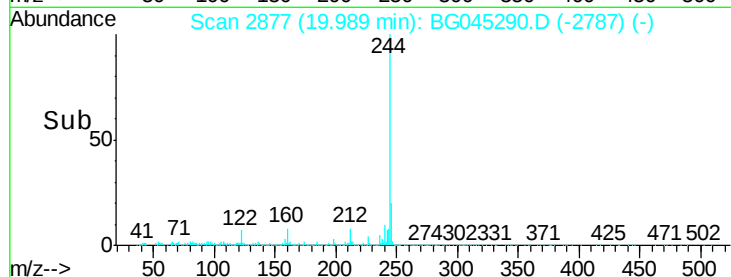
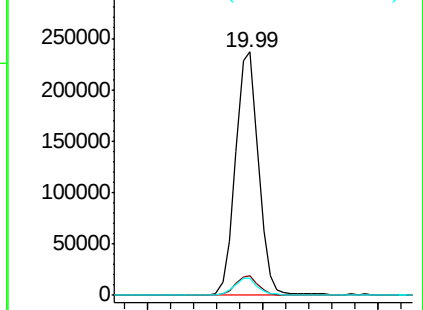
244 100

212 7.9 7.9 11.9#

122 7.2 7.7 11.5#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG045290.D

Acq: 8 May 2020 4:39

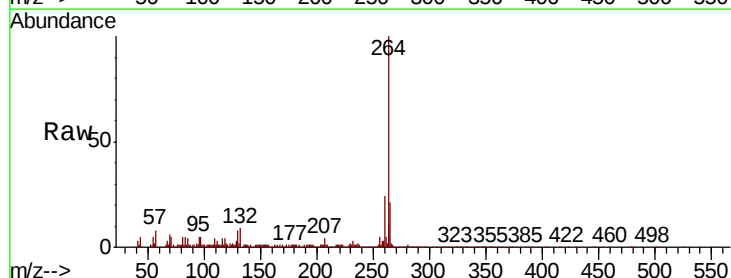
Tgt Ion:264 Resp: 406080

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 19.0 28.4



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

