

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045849.D
 Acq On : 24 Jun 2020 17:54
 Operator : CG/JU
 Sample : L2818-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-062320

Quant Time: Jun 24 18:50:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

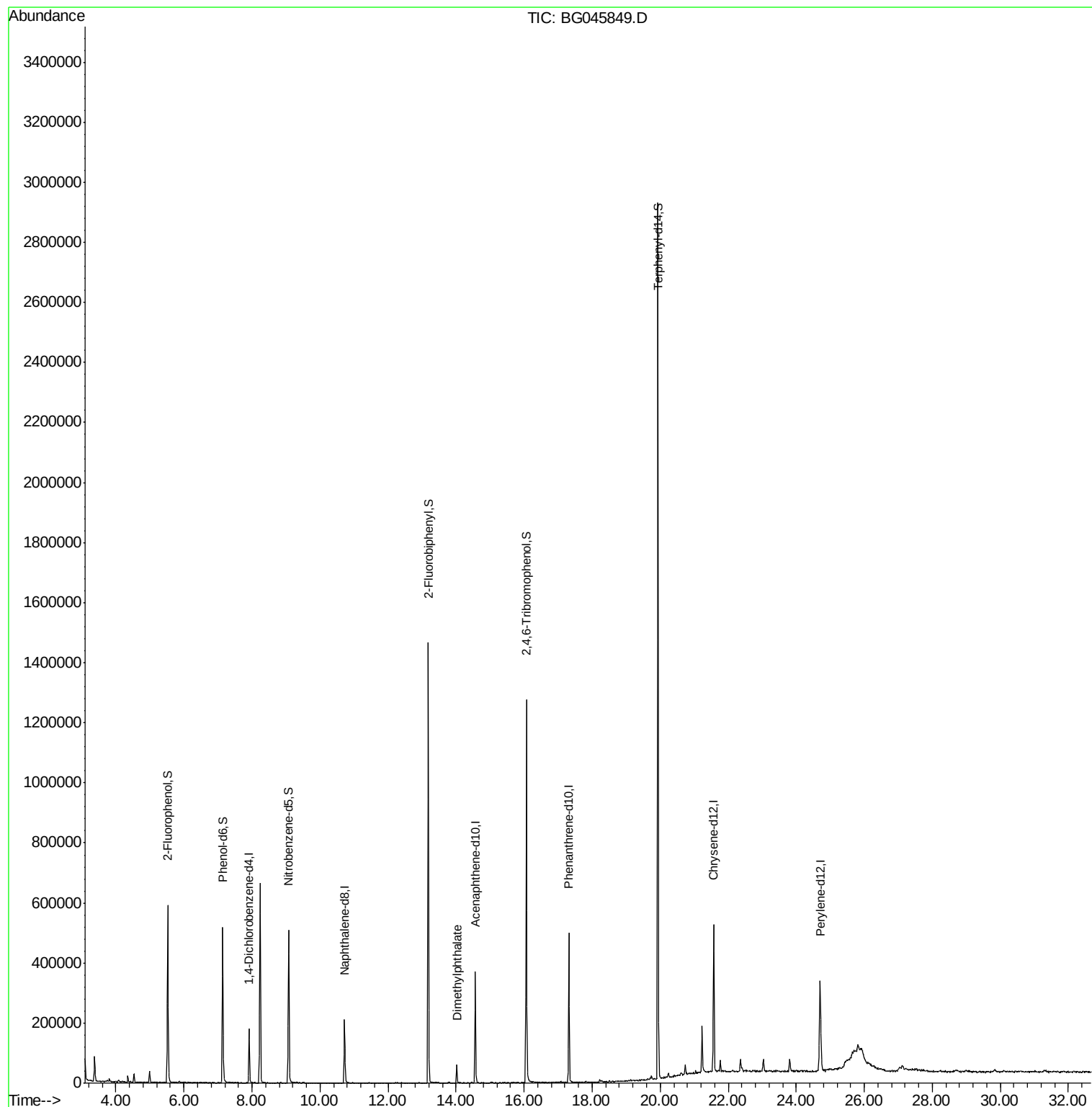
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51016	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196129	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	138978	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	329993	20.00	ng	0.00
76) Chrysene-d12	21.57	240	324778	20.00	ng	0.00
86) Perylene-d12	24.70	264	348136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	289430	95.84	ng	-0.02
7) Phenol-d6	7.14	99	346570	75.44	ng	-0.02
23) Nitrobenzene-d5	9.08	82	342730	79.83	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	258672	123.28	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	795973	84.17	ng	0.00
79) Terphenyl-d14	19.94	244	1366396	85.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	41486	3.810	ng	Qvalue 97

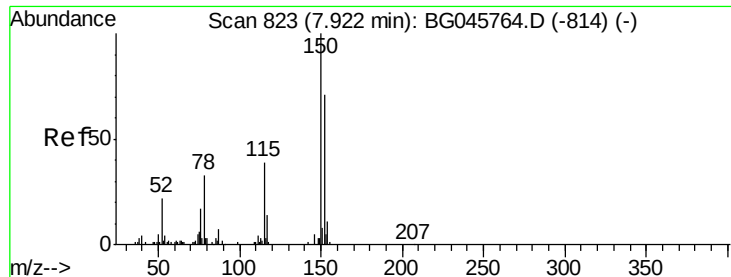
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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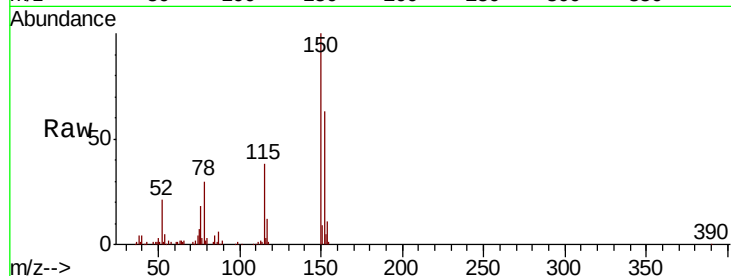


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	113.1	169.7
115	60.3	43.8	65.6

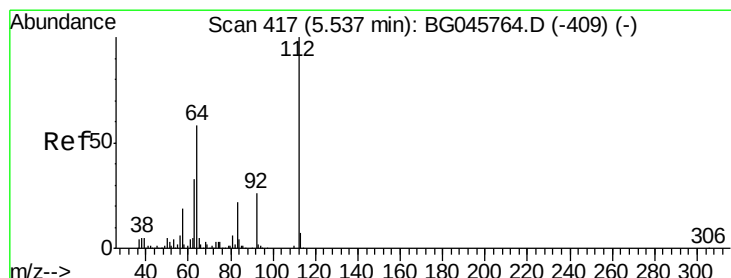
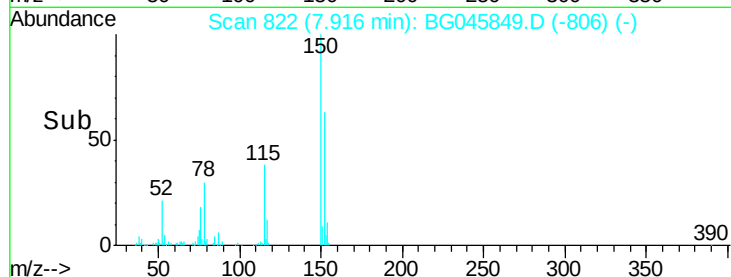
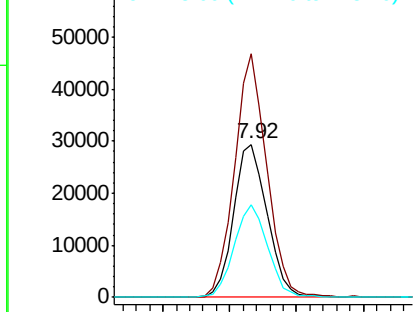


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

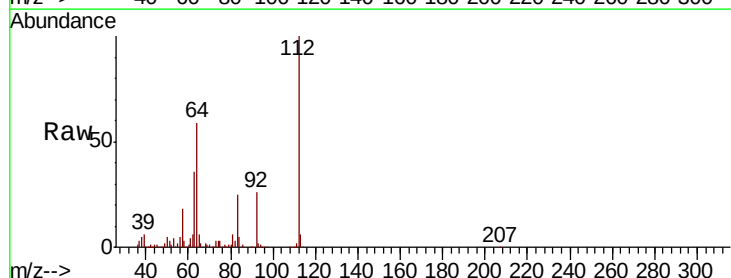
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.836 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	69.8
63	35.9	26.3	39.5

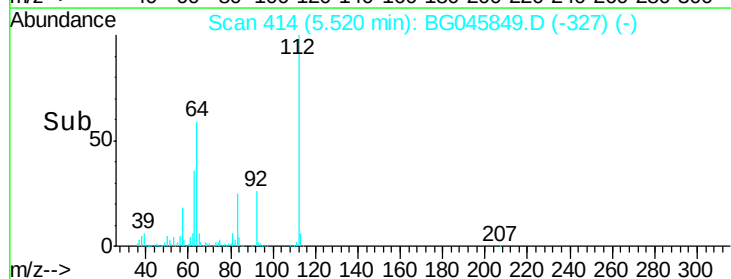
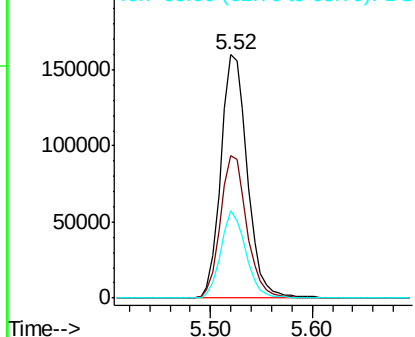


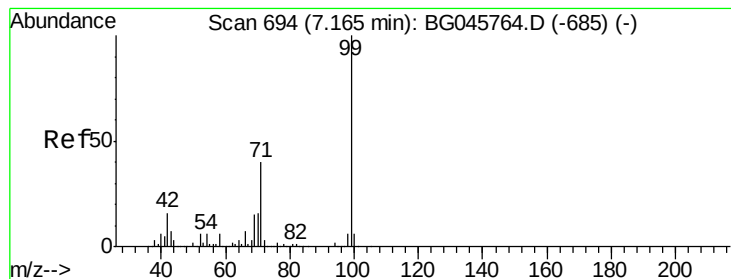
Abundance

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: 75.443 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

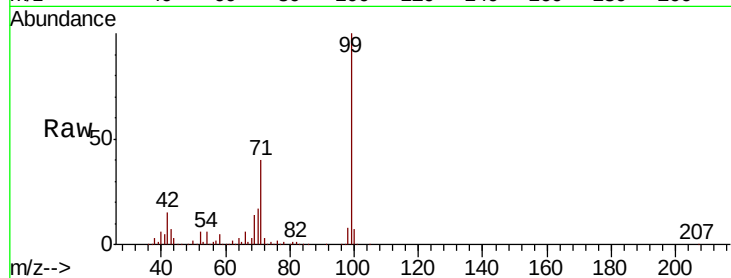
BNA_G

ClientSampleId :

TR-05-062320

Tot Ion: 99 Resp: 346570

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.4	18.6
71	40.3	32.1	48.1

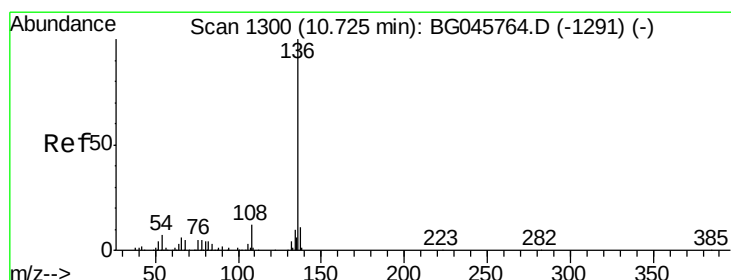
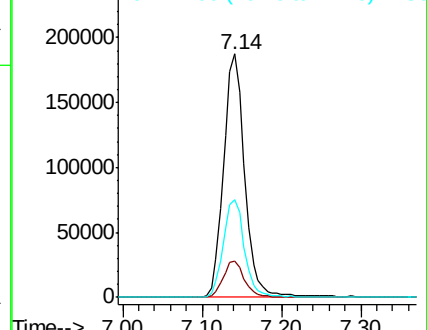
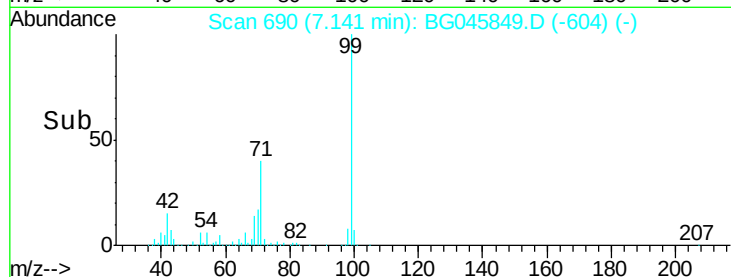


Abundance

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: 10.72 min Scan# 1299

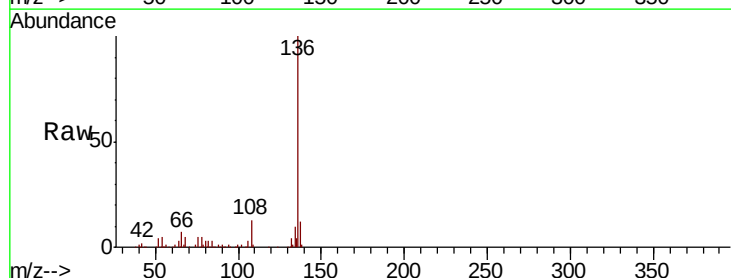
Delta R.T. -0.01 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Tgt Ion: 136 Resp: 196129

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.7	13.1
54	5.4	5.8	8.6#
68	4.9	4.0	6.0



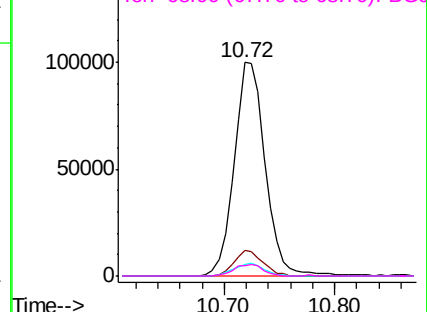
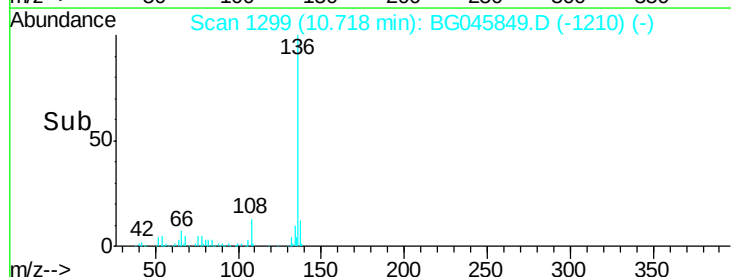
Abundance

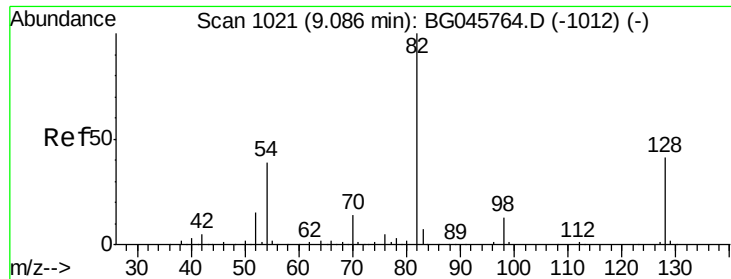
Ion 136.00 (135.70 to 136.70): BGC

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

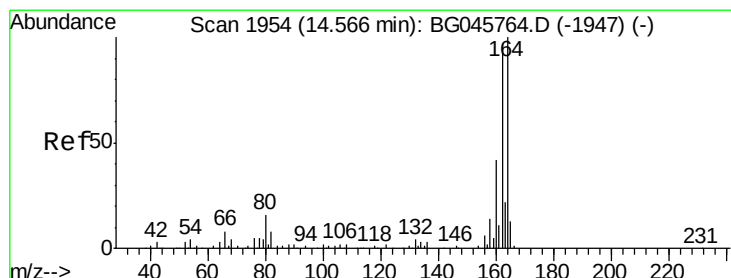
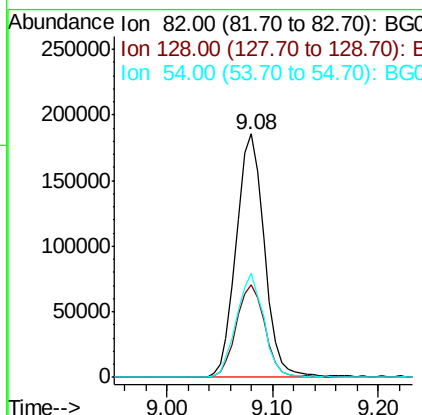
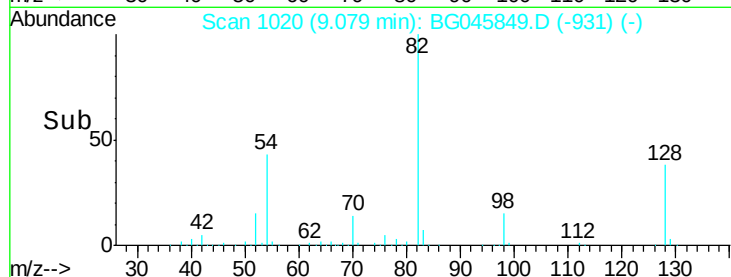
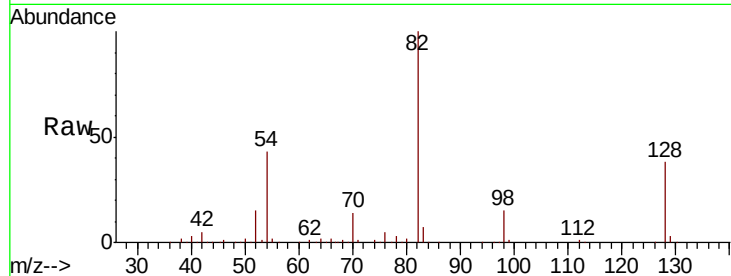




#23
Nitrobenzene-d5
Concen: 79.831 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

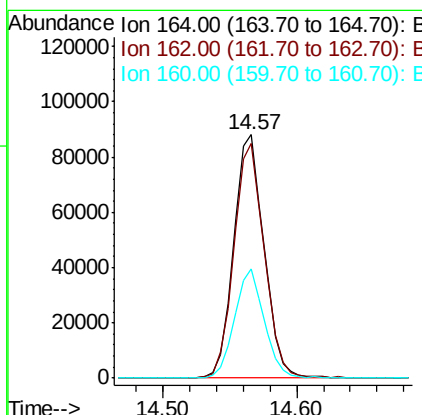
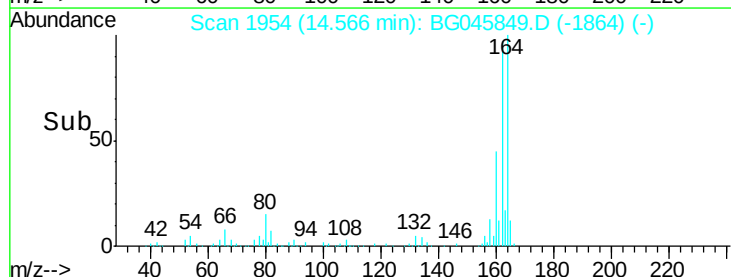
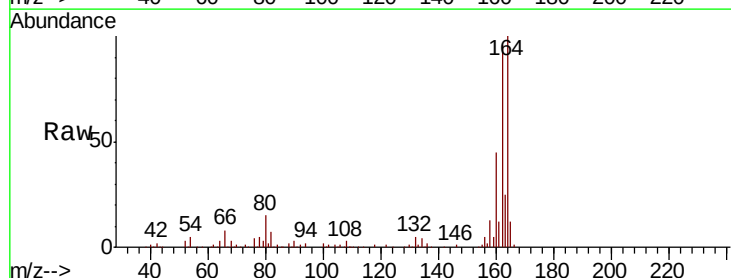
Instrument :
BNA_G
ClientSampleId :
TR-05-062320

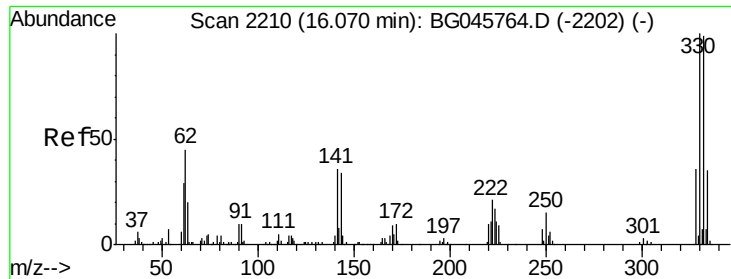
Tot Ion: 82 Resp: 342730
Ion Ratio Lower Upper
82 100
128 38.2 32.5 48.7
54 42.7 31.2 46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Tgt Ion:164 Resp: 138978
Ion Ratio Lower Upper
164 100
162 96.4 77.4 116.0
160 45.1 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 123.282 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

TR-05-062320

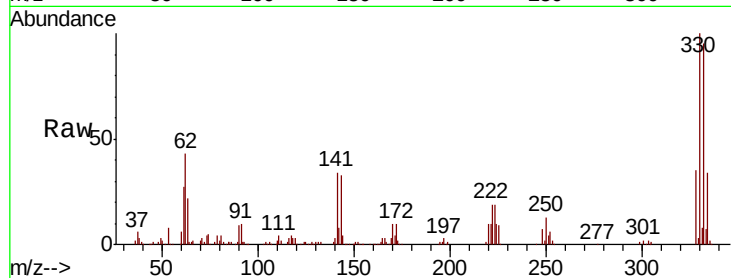
Tot Ion:330 Resp: 258672

Ion Ratio Lower Upper

330 100

332 96.7 78.6 117.8

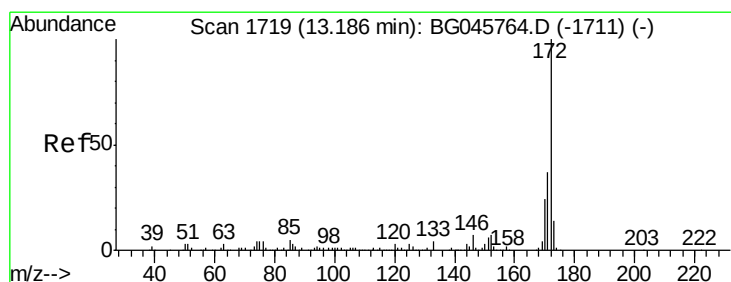
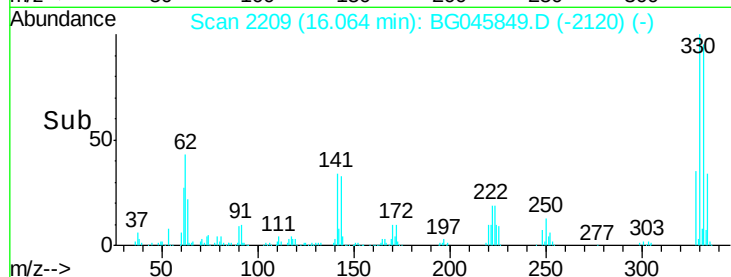
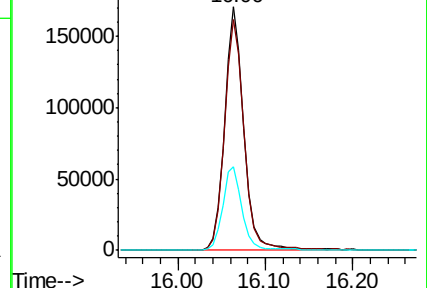
141 34.1 28.2 42.4



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: 84.166 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

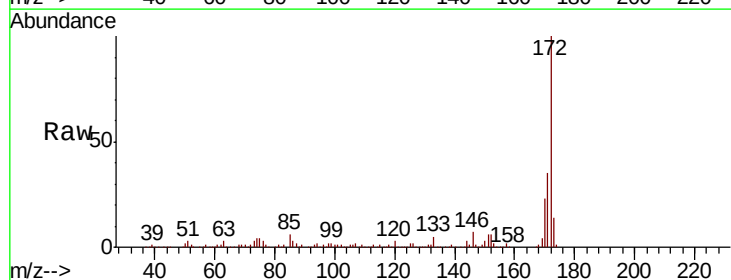
Tgt Ion:172 Resp: 795973

Ion Ratio Lower Upper

172 100

171 34.8 29.9 44.9

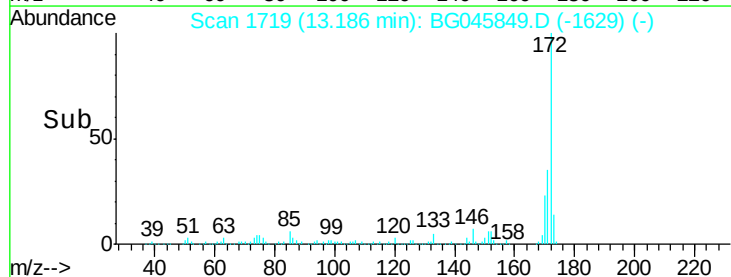
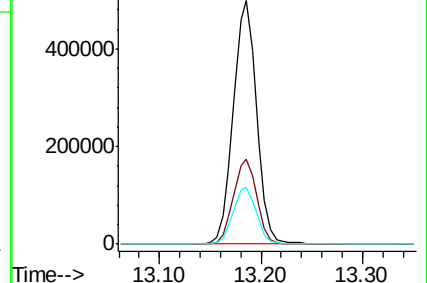
170 23.2 19.3 28.9

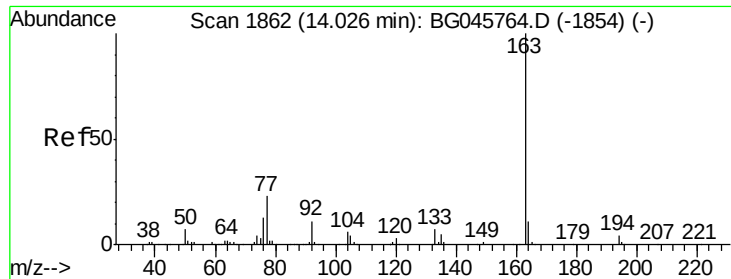


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.810 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

TR-05-062320

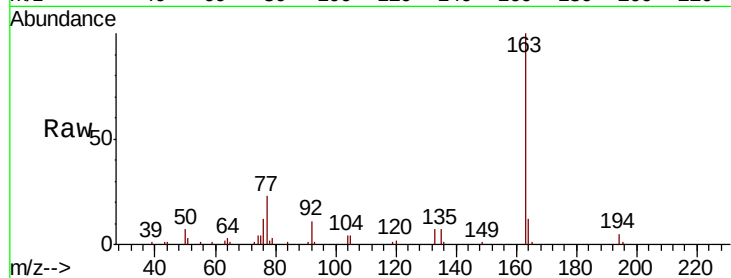
Tot Ion:163 Resp: 41486

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

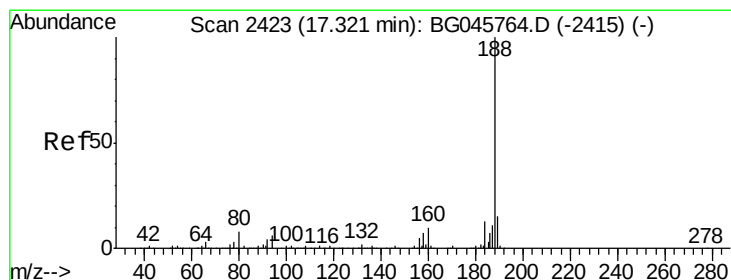
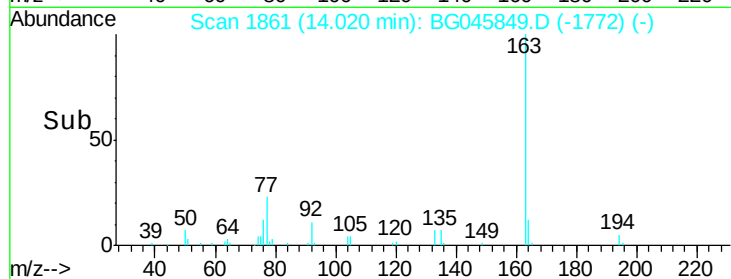
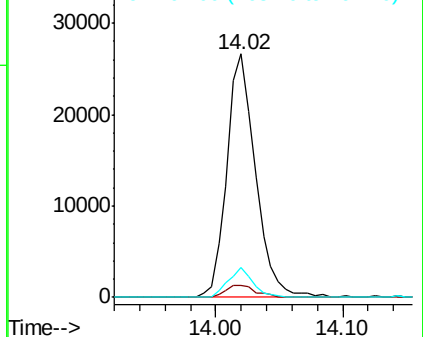
164 12.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

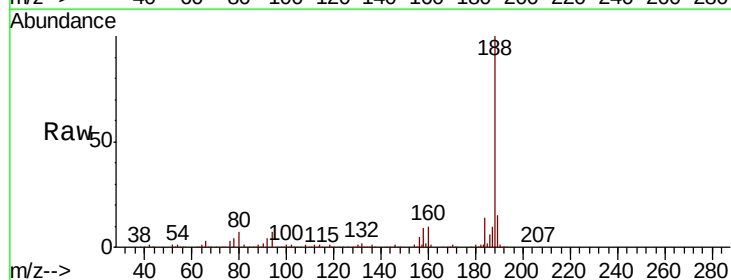
Tgt Ion:188 Resp: 329993

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

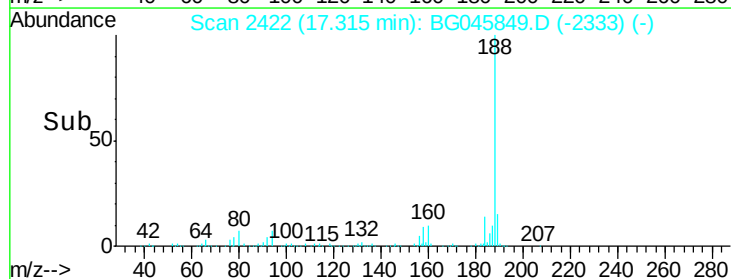
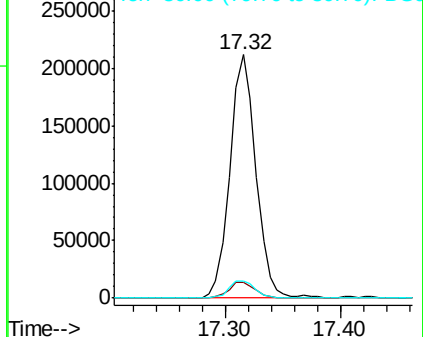
80 7.0 6.2 9.4

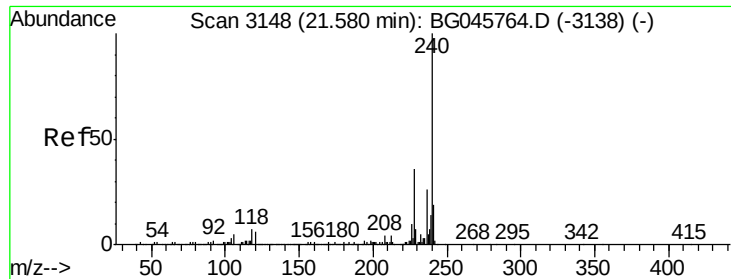


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

TR-05-062320

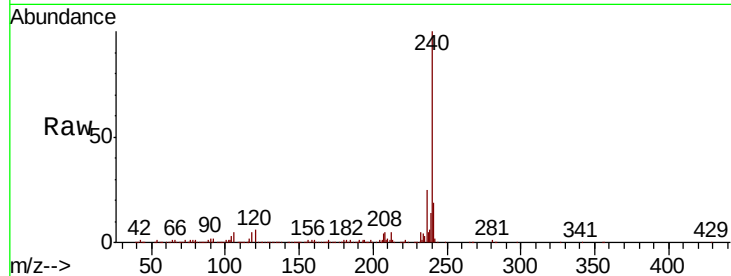
Tot Ion:240 Resp: 324778

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

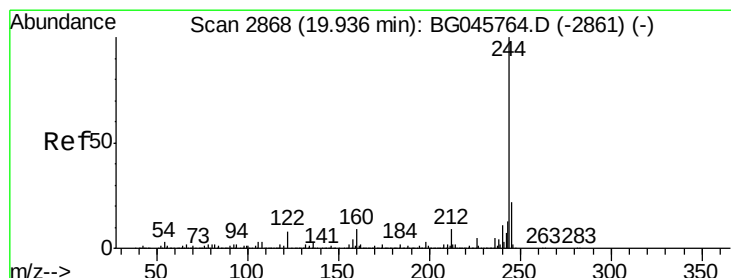
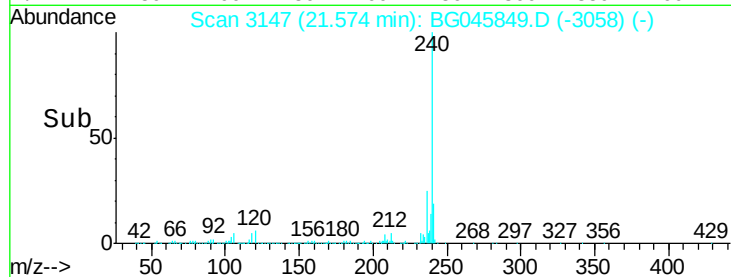
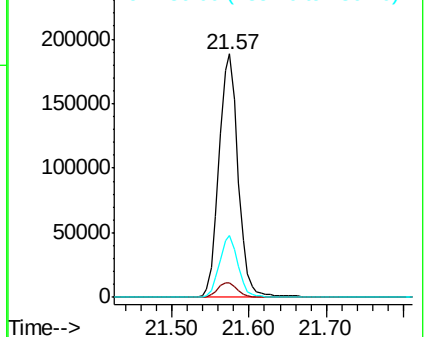
236 25.3 20.6 30.8



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: 85.262 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045849.D

Acq: 24 Jun 2020 17:54

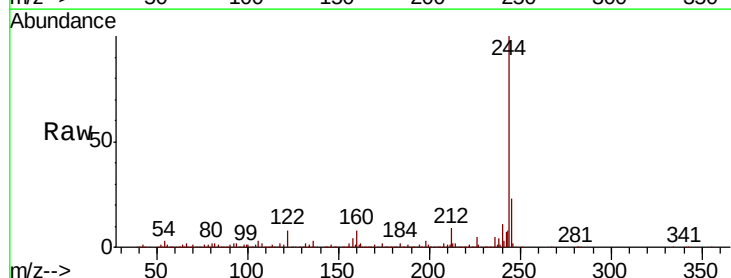
Tgt Ion:244 Resp: 1366396

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

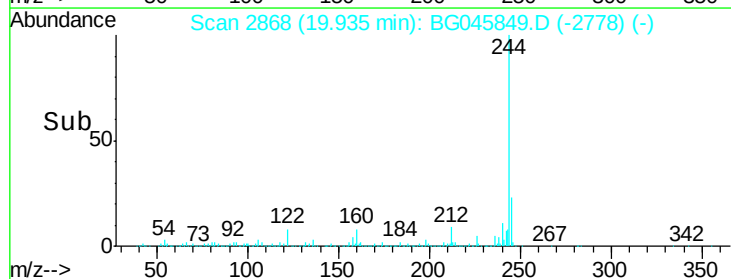
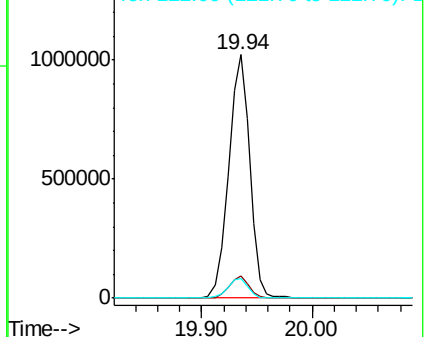
122 8.1 6.4 9.6

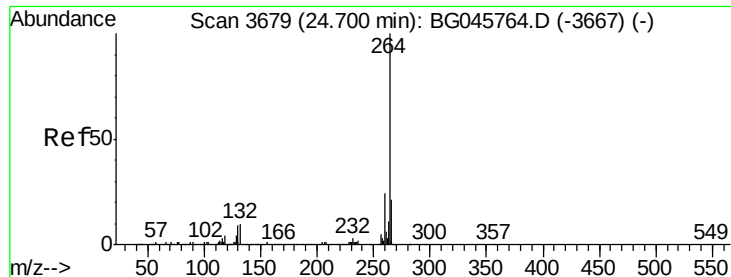


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

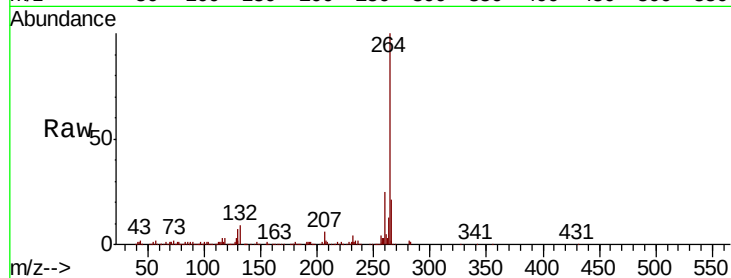




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045849.D
Acq: 24 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.4
265	21.5	17.4	26.0



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

