

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041622.D
 Acq On : 5 Jul 2019 21:45
 Operator : HP/JU
 Sample : PB121094BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121094BL

Quant Time: Jul 06 01:35:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32371	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	118952	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	89247	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	245884	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	271841	20.00	ng	-0.01
87) Perylene-d12	24.96	264	292312	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	219576	120.93	ng	0.00
7) Phenol-d6	7.18	99	304806	119.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	209682	73.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	183092	120.15	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	537841	77.33	ng	-0.01
79) Terphenyl-d14	20.01	244	1152934	90.13	ng	0.00

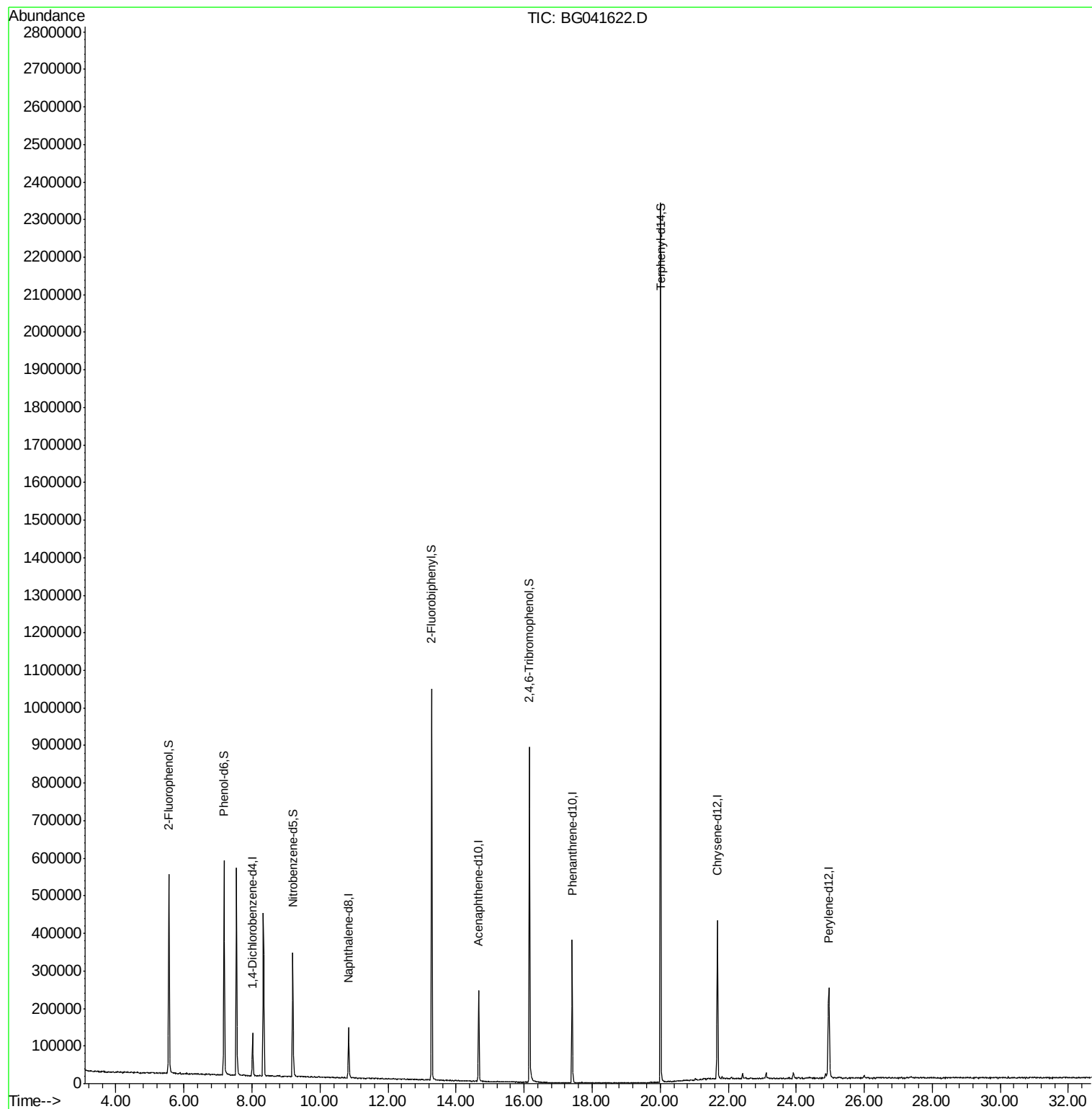
Target Compounds Qvalue

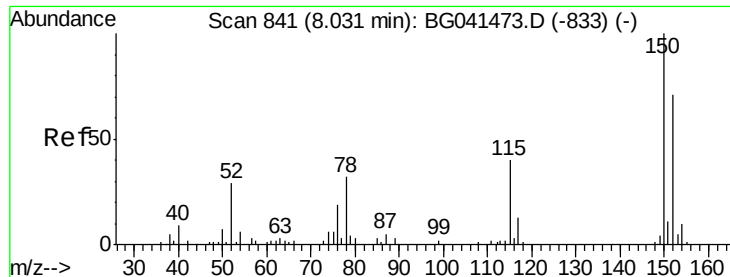
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG041622.D

Acq: 5 Jul 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB121094BL

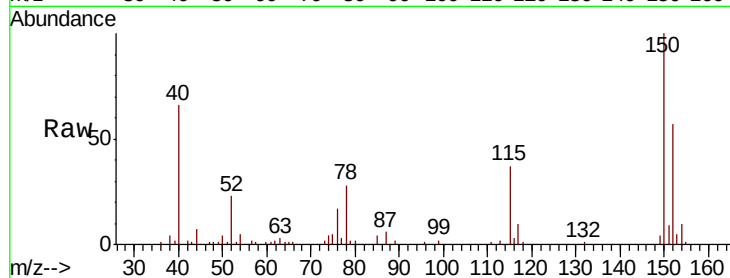
Tot Ion:152 Resp: 32371

Ion Ratio Lower Upper

152 100

150 174.8 112.4 168.6#

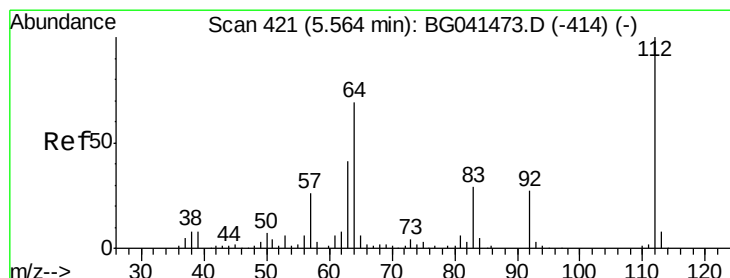
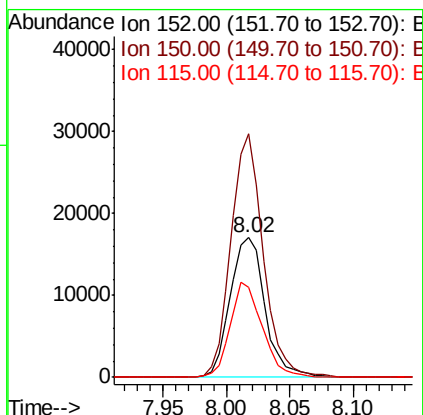
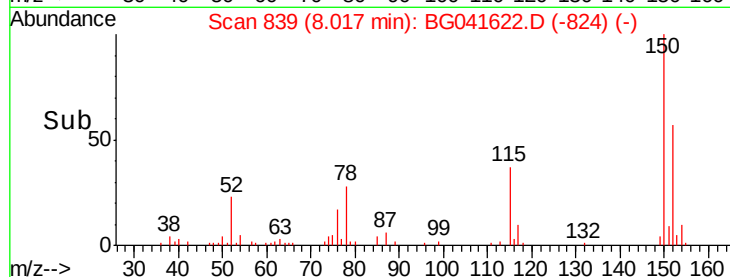
115 64.8 44.6 66.8



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: 120.933 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG041622.D

Acq: 5 Jul 2019 21:45

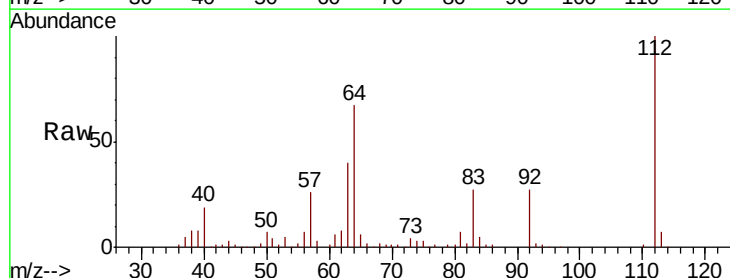
Tgt Ion:112 Resp: 219576

Ion Ratio Lower Upper

112 100

64 66.7 55.1 82.7

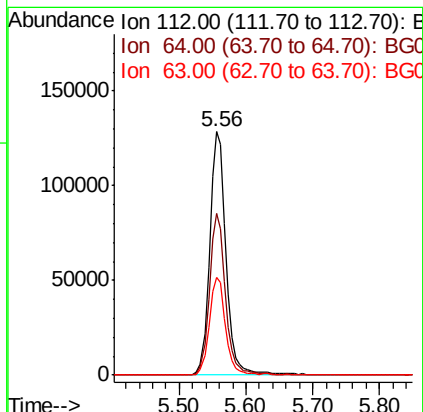
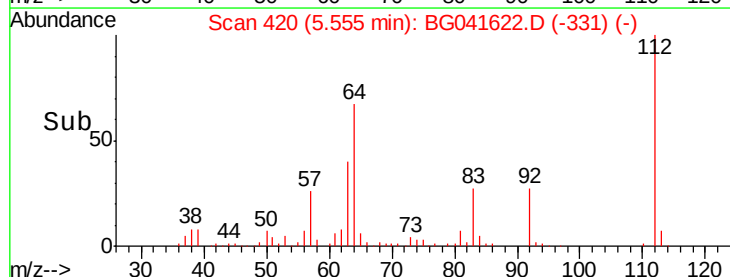
63 39.9 32.4 48.6

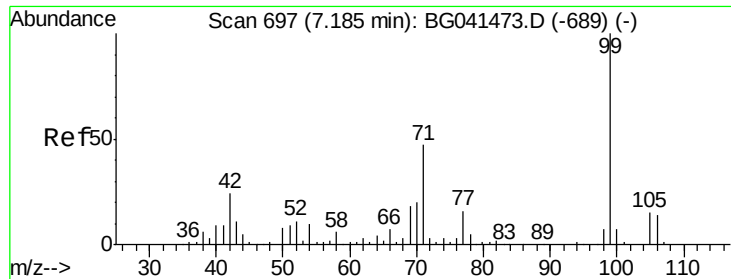


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.251 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041622.D

Acq: 5 Jul 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB121094BL

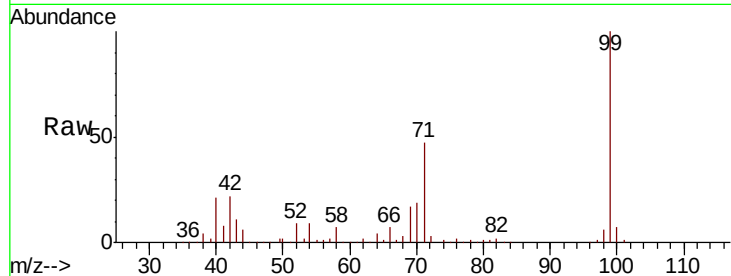
Tot Ion: 99 Resp: 304806

Ion Ratio Lower Upper

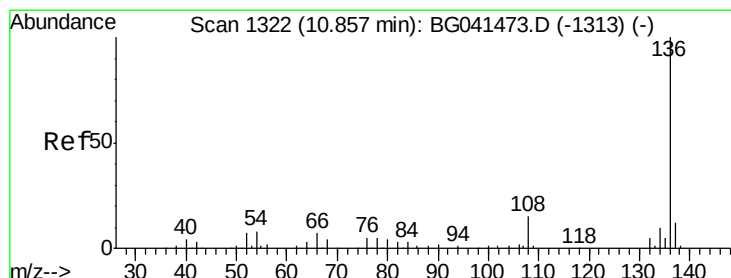
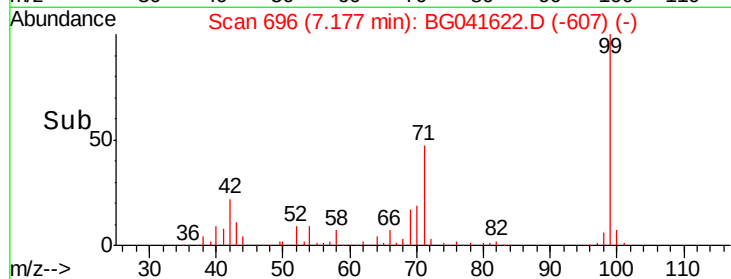
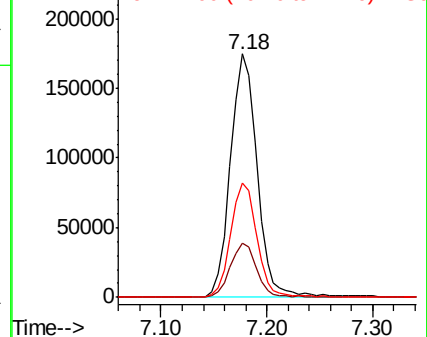
99 100

42 22.0 19.0 28.6

71 47.0 37.4 56.2



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: 10.84 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BG041622.D

Acq: 5 Jul 2019 21:45

Tgt Ion: 136 Resp: 118952

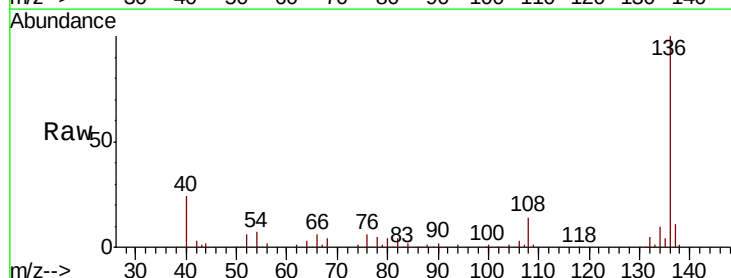
Ion Ratio Lower Upper

136 100

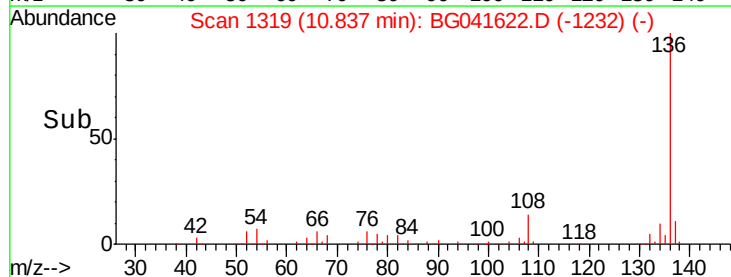
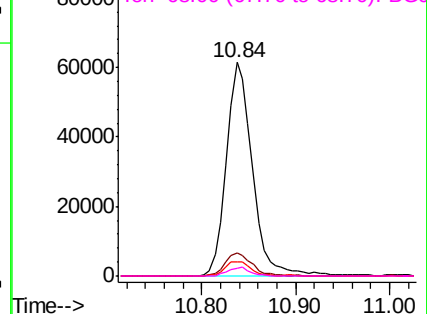
137 11.0 9.3 13.9

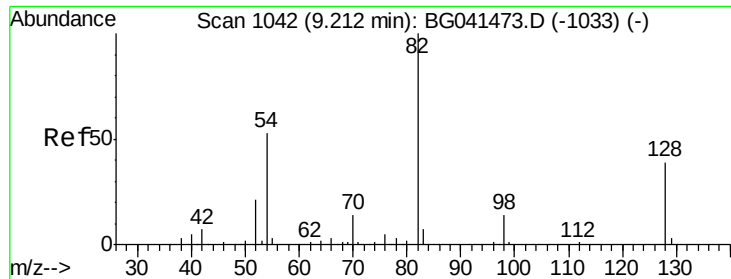
54 6.8 7.1 10.7#

68 3.8 3.3 4.9



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

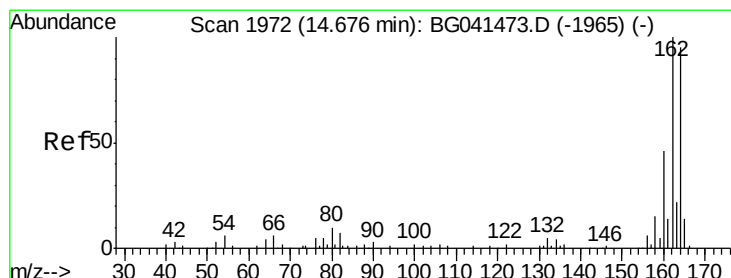
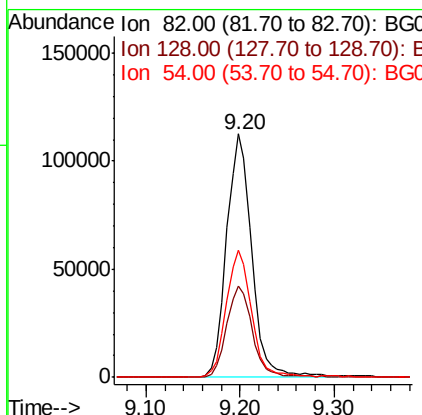
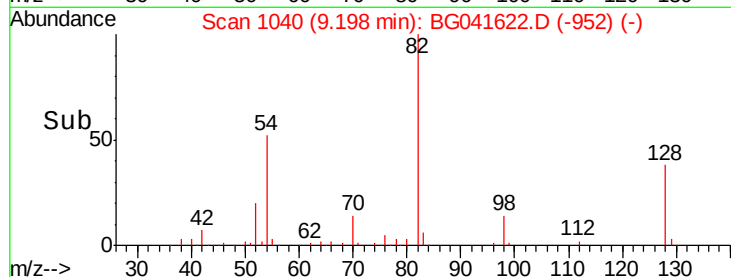
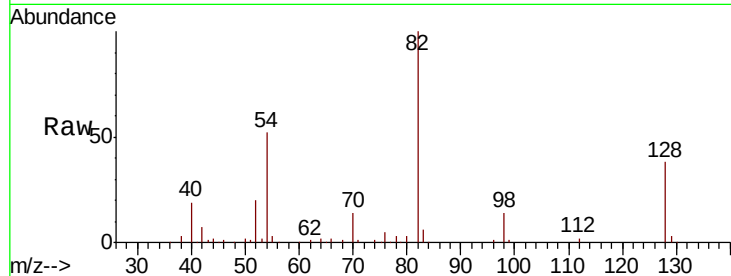




#23
 Nitrobenzene-d5
 Concen: 73.519 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041622.D
 Acq: 5 Jul 2019 21:45

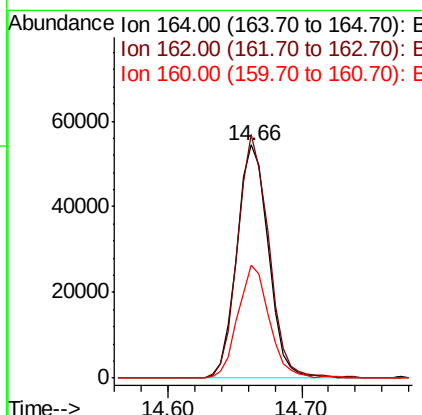
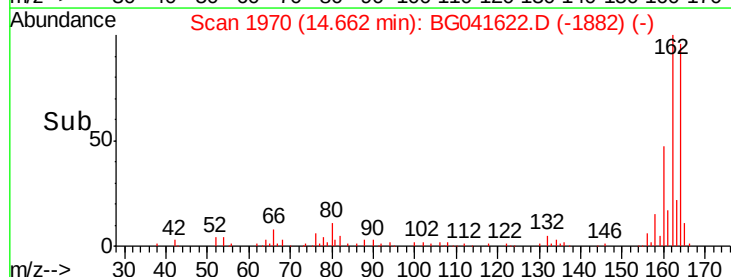
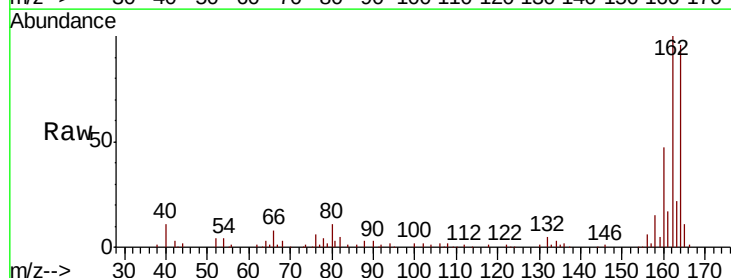
Instrument :
 BNA_G
 ClientSampleId :
 PB121094BL

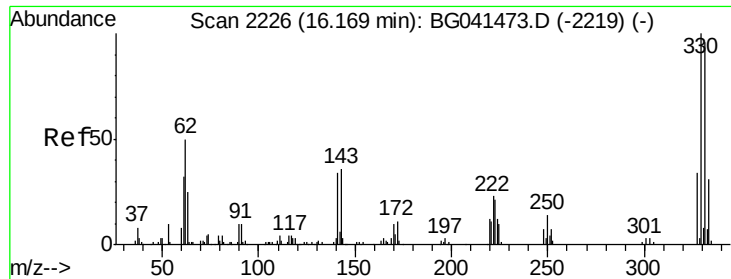
Tot Ion	82	Resp	209682
Ion Ratio	100	Lower	Upper
128	37.6	30.9	46.3
54	52.3	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041622.D
 Acq: 5 Jul 2019 21:45

Tgt Ion	164	Resp	89247
Ion Ratio	100	Lower	Upper
162	104.4	84.4	126.6
160	48.7	38.8	58.2

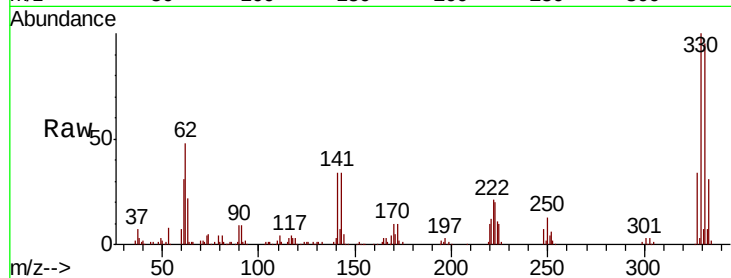




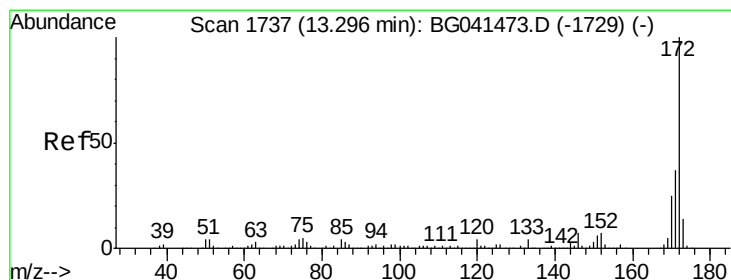
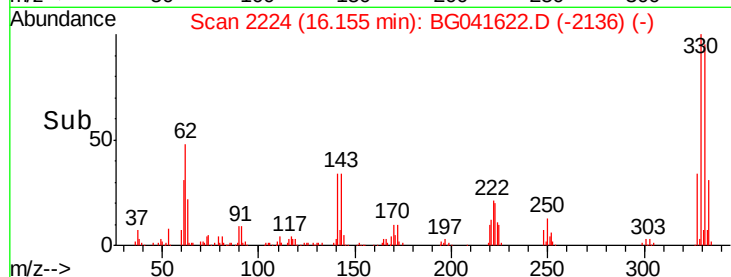
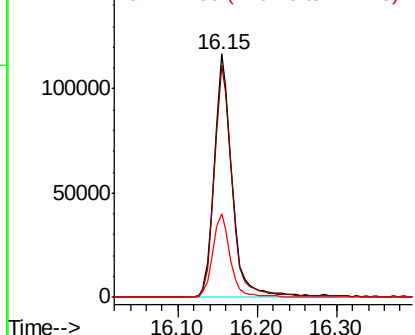
#42
 2,4,6-Tribromophenol
 Concen: 120.152 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG041622.D
 Acq: 5 Jul 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB121094BL

Tot Ion:330 Resp: 183092
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.5 113.3
 141 33.9 27.8 41.6

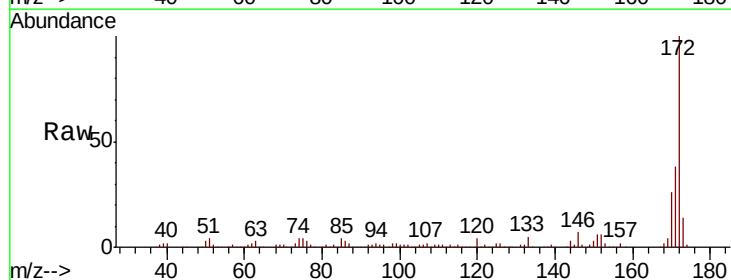


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

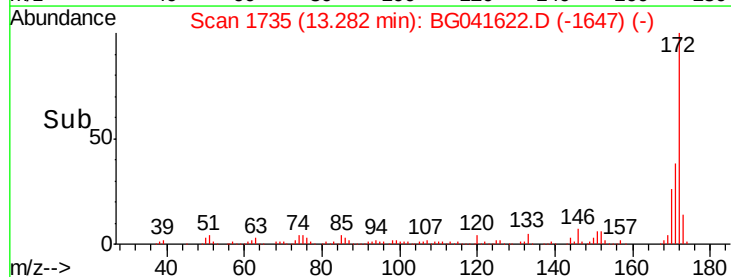
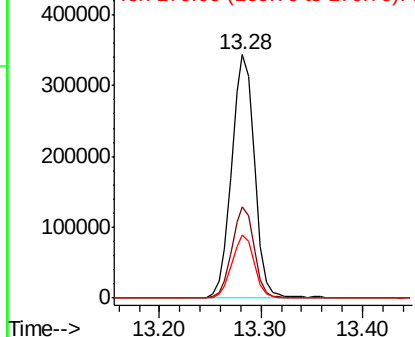


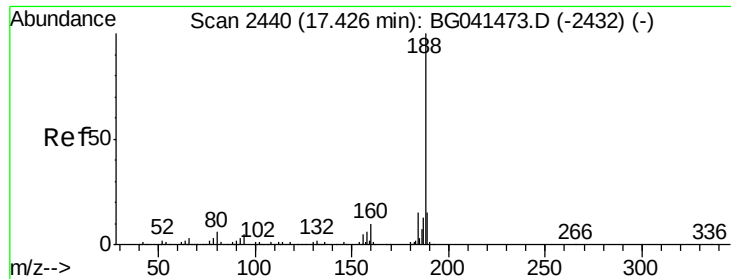
#45
 2-Fluorobiphenyl
 Concen: 77.335 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG041622.D
 Acq: 5 Jul 2019 21:45

Tgt Ion:172 Resp: 537841
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 25.9 20.0 30.0



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

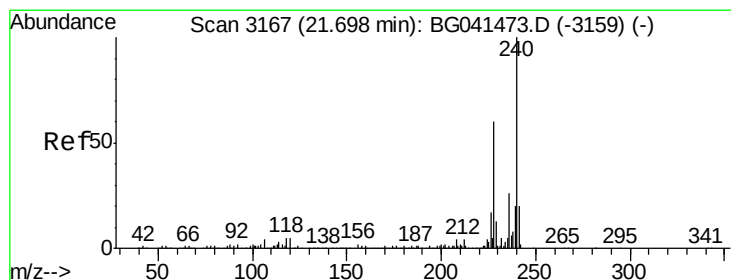
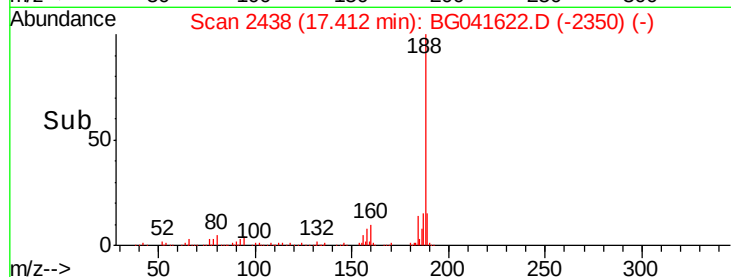
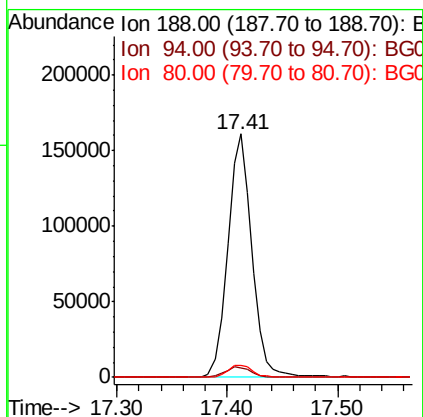
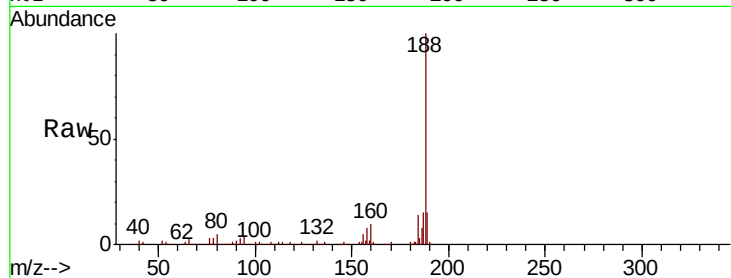




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG041622.D
Acq: 5 Jul 2019 21:45

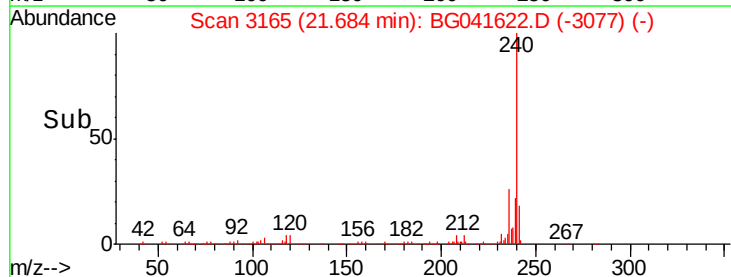
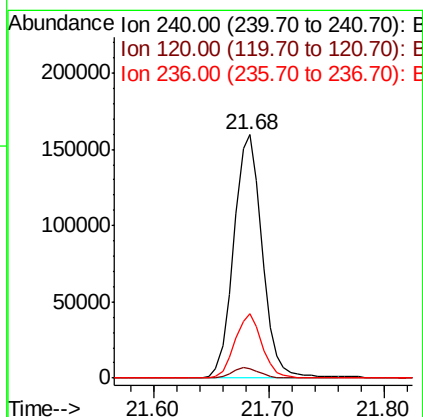
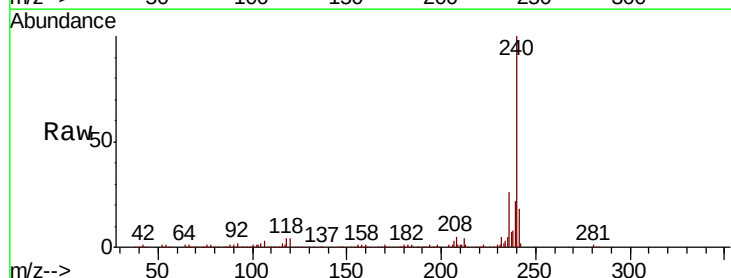
Instrument :
BNA_G
ClientSampleId :
PB121094BL

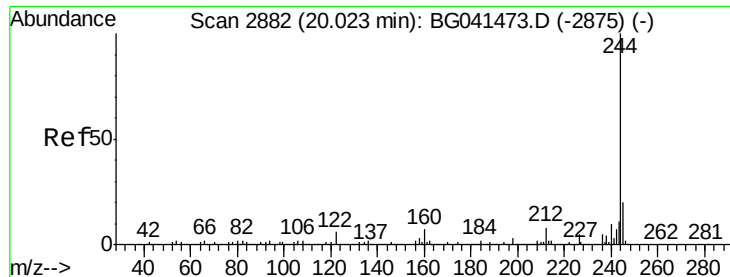
Tot Ion:188 Resp: 245884
Ion Ratio Lower Upper
188 100
94 4.1 3.8 5.8
80 4.8 4.8 7.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG041622.D
Acq: 5 Jul 2019 21:45

Tgt Ion:240 Resp: 271841
Ion Ratio Lower Upper
240 100
120 3.8 3.7 5.5
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 90.129 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG041622.D

Acq: 5 Jul 2019 21:45

Instrument :

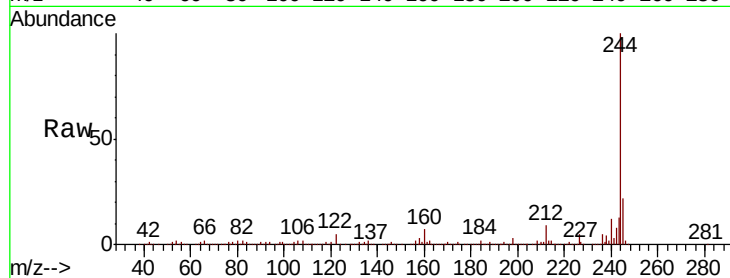
BNA_G

ClientSampleId :

PB121094BL

Tot Ion:244 Resp: 1152934

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.4
122	5.3	4.8	7.2

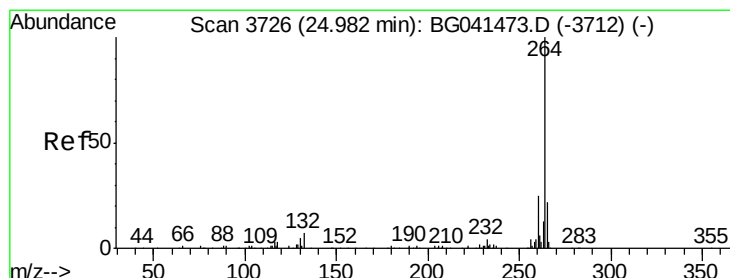
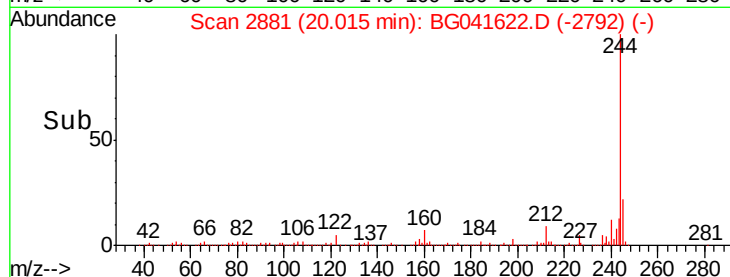
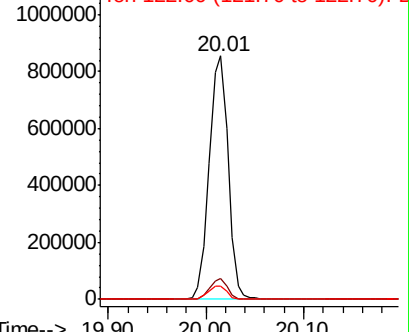


Abundance

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: 24.96 min Scan# 3722

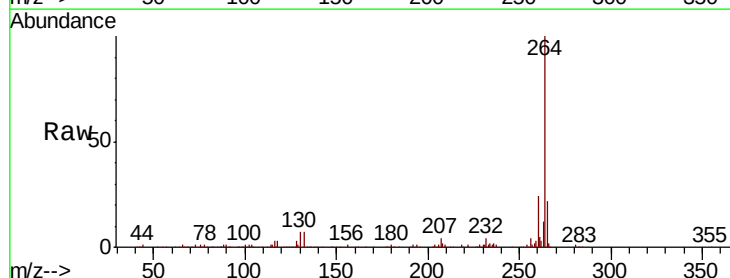
Delta R.T. -0.03 min

Lab File: BG041622.D

Acq: 5 Jul 2019 21:45

Tgt Ion:264 Resp: 292312

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	21.6	17.4	26.2



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

