

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043601.D
 Acq On : 12 Nov 2019 2:26
 Operator : JU
 Sample : K5782-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

Quant Time: Nov 12 08:15:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

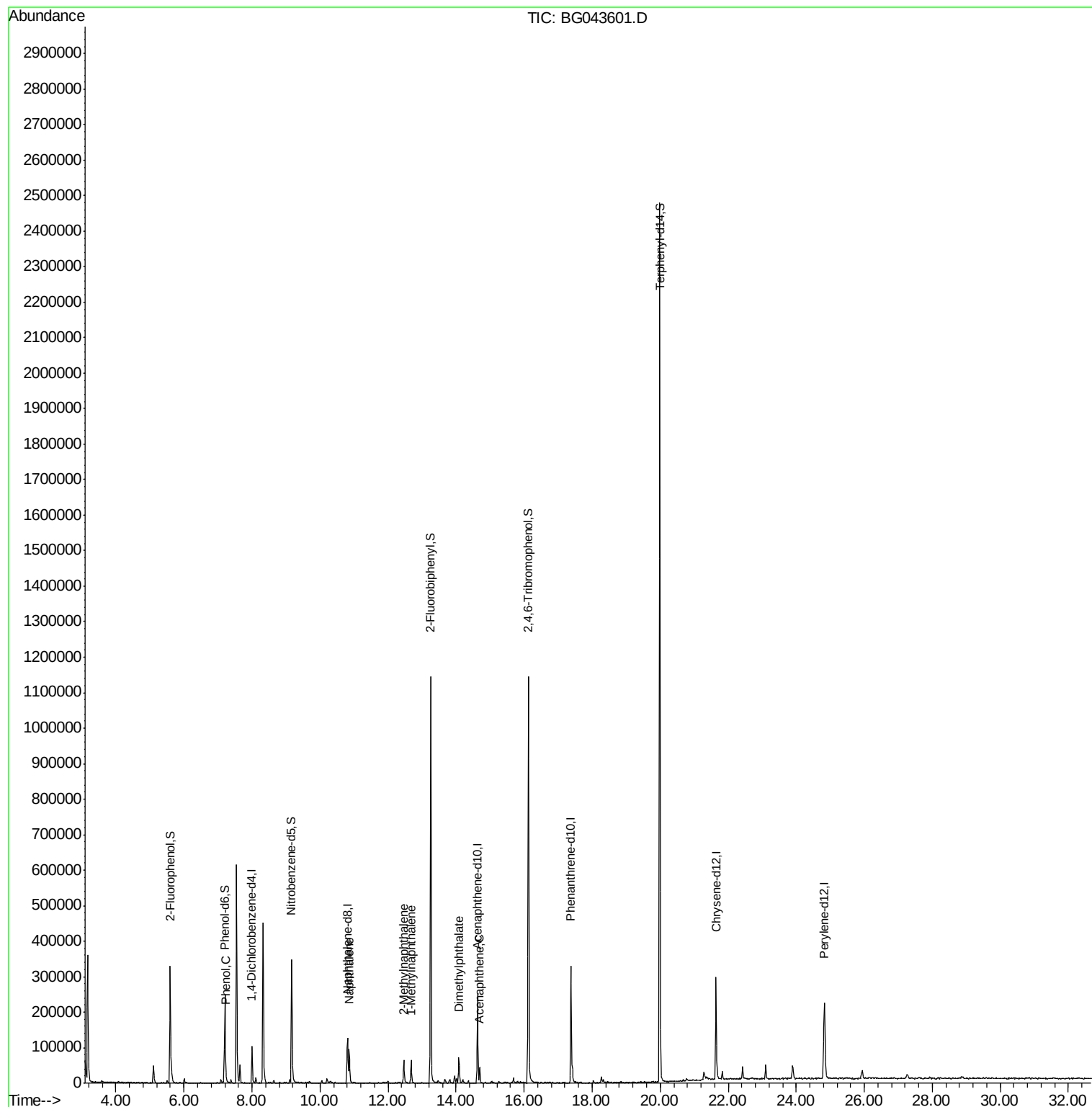
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30528	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	121216	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	96730	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	238258	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	196696	20.00	ng	-0.01
87) Perylene-d12	24.83	264	234492	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	163616	98.21	ng	0.00
7) Phenol-d6	7.20	99	157750	65.81	ng	0.00
23) Nitrobenzene-d5	9.16	82	232975	99.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	276242	150.07	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	664848	94.97	ng	-0.01
79) Terphenyl-d14	19.99	244	1296559	123.66	ng	0.00
Target Compounds						
10) Phenol	7.22	94	6901	3.151	ng	Qvalue # 61
31) Naphthalene	10.86	128	88321	14.354	ng	96
37) 2-Methylnaphthalene	12.46	142	41959	8.888	ng	96
38) 1-Methylnaphthalene	12.68	142	34090	7.589	ng	99
50) Dimethylphthalate	14.08	163	59243	7.907	ng	97
52) Acenaphthene	14.70	154	18022	3.391	ng	91

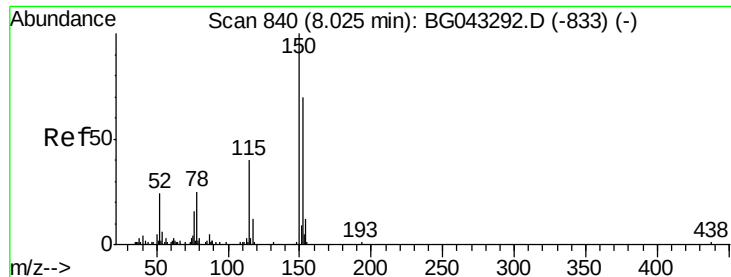
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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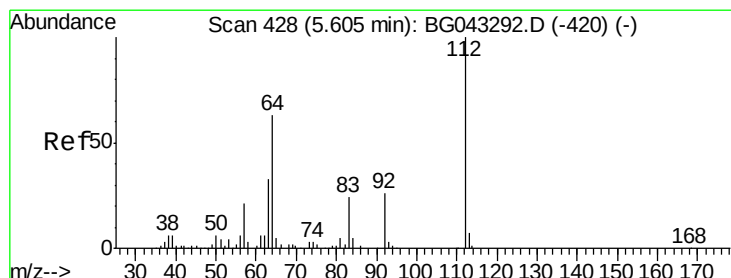
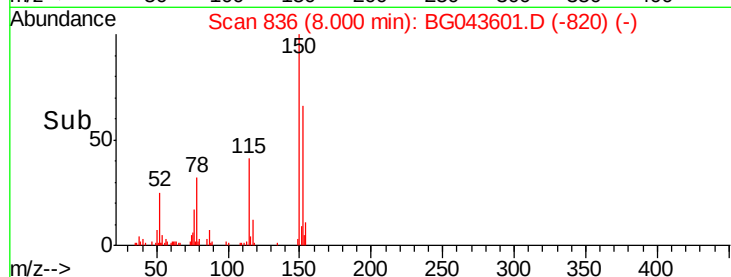
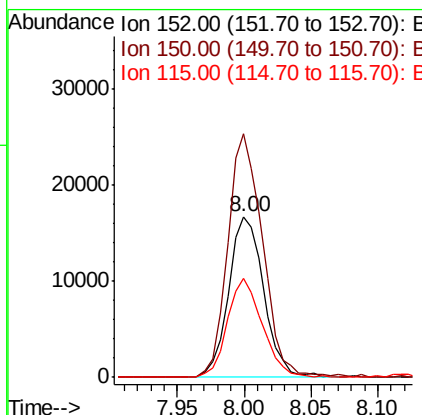
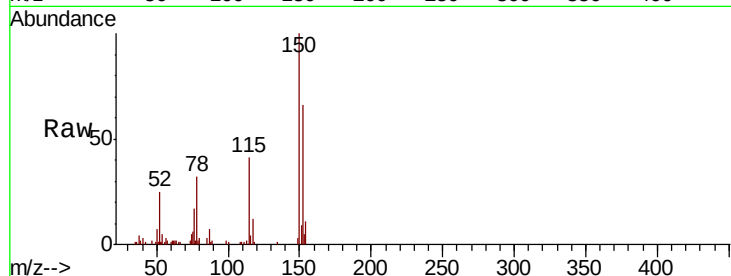


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043601.D
Acq: 12 Nov 2019 2:26

Instrument :
BNA_G
ClientSampleId :
TP-2A-COMP

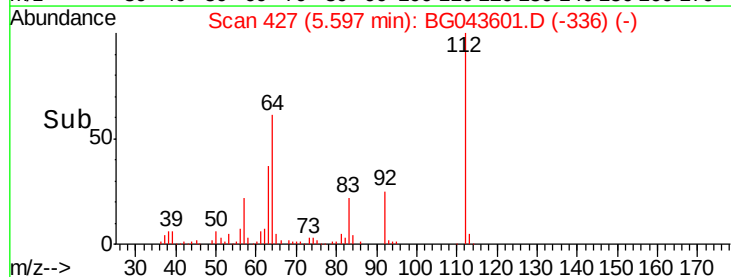
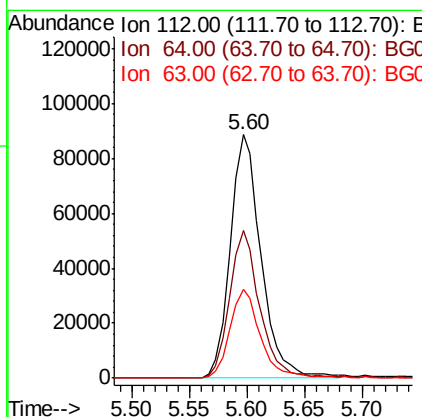
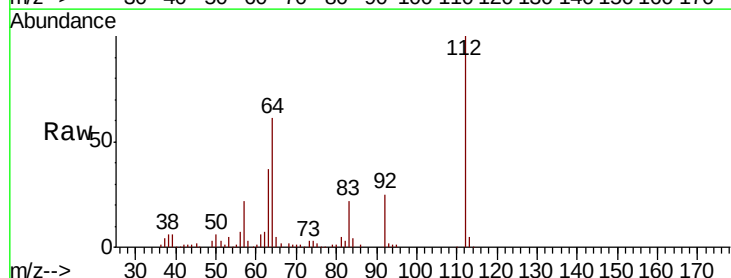
Tot Ion	152	Resp	30528
Ion	Ratio	Lower	Upper
152	100		
150	151.4	129.4	194.0
115	61.7	48.8	73.2

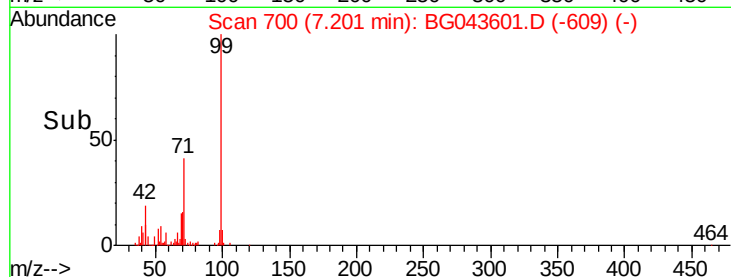
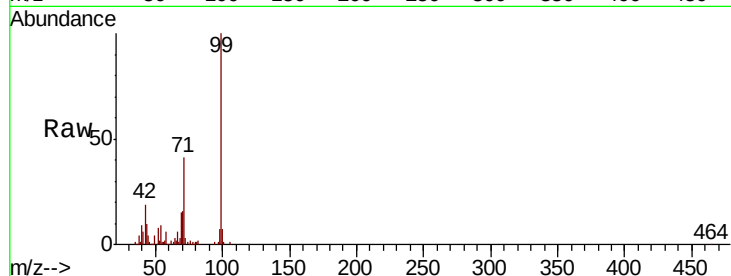
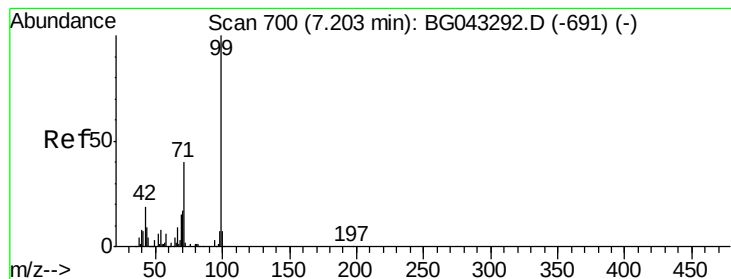


#5

2-Fluorophenol
Concen: 98.211 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043601.D
Acq: 12 Nov 2019 2:26

Tgt Ion	112	Resp	163616
Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.0	75.0
63	36.5	26.6	40.0





#7

Phenol-d6

Concen: 65.813 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

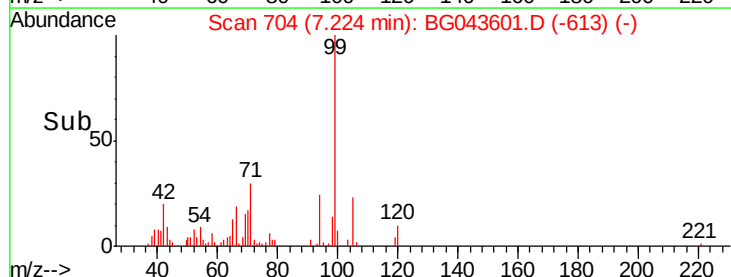
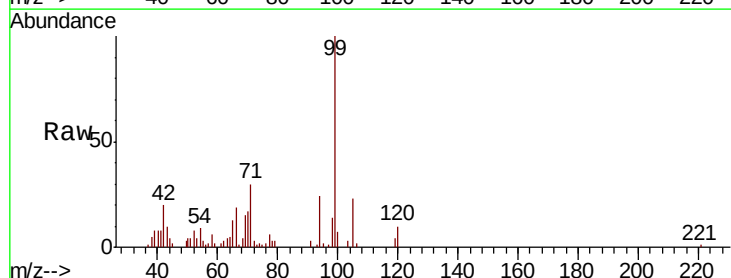
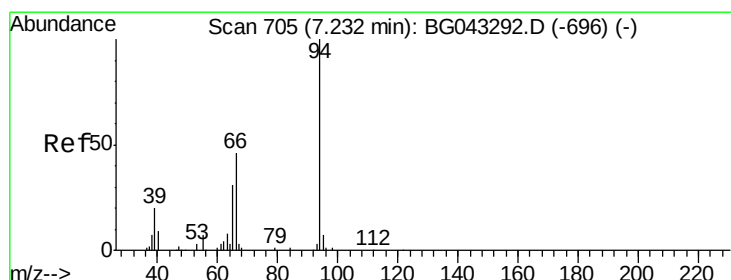
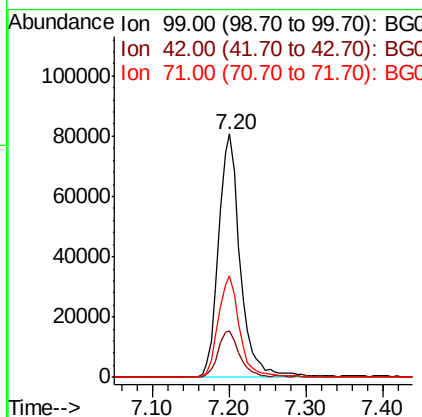
Tot Ion: 99 Resp: 157750

Ion Ratio Lower Upper

99 100

42 19.1 14.6 21.8

71 41.5 32.5 48.7



#10

Phenol

Concen: 3.151 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

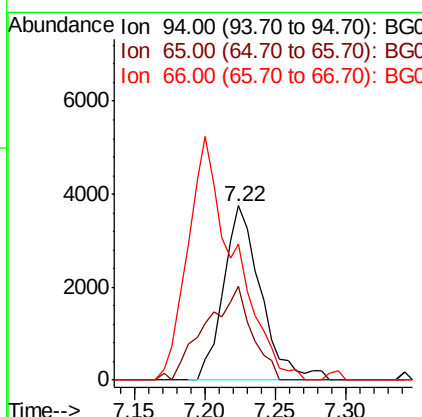
Tgt Ion: 94 Resp: 6901

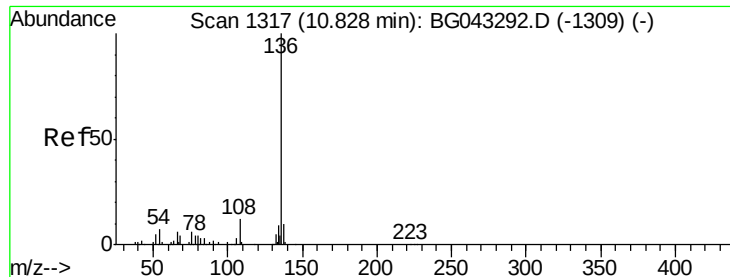
Ion Ratio Lower Upper

94 100

65 54.1 12.6 52.6#

66 78.3 30.7 70.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

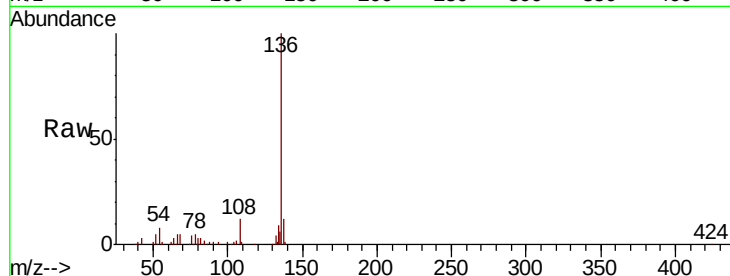
Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

Tot Ion:136	Resp:	121216
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.7 13.1
54	8.1	5.4 8.2
68	4.5	3.0 4.4#

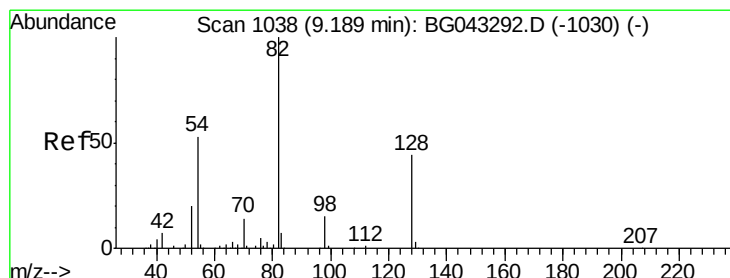
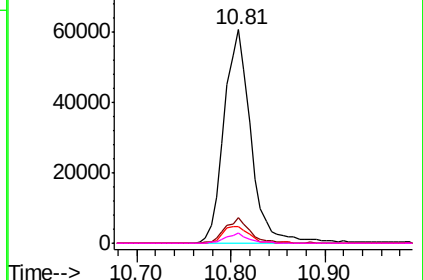
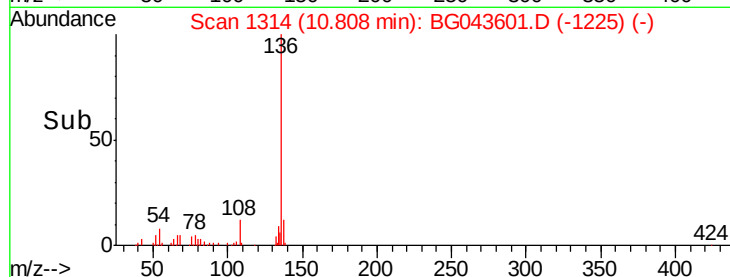


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 99.087 ng

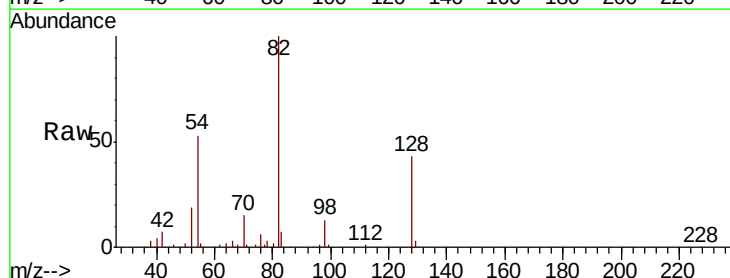
RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

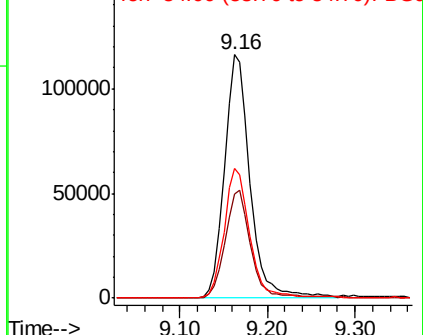
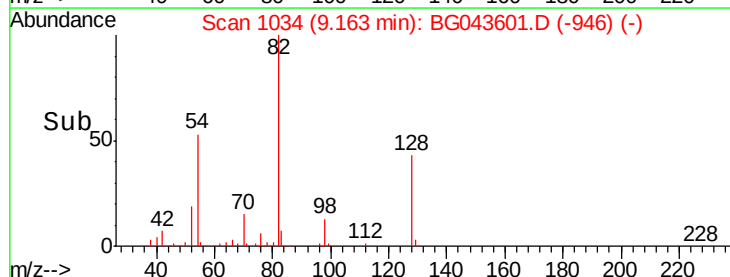
Tgt Ion: 82	Resp:	232975
Ion Ratio	Lower	Upper
82	100	
128	42.6	35.0 52.6
54	53.3	40.2 60.2

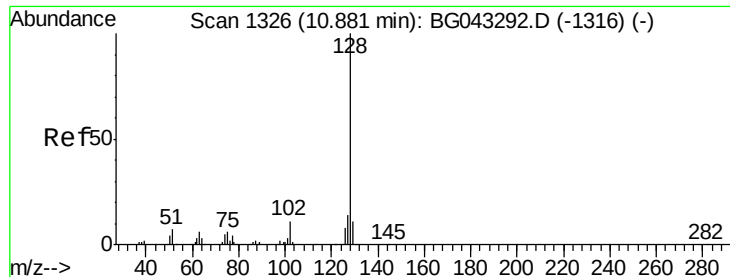


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

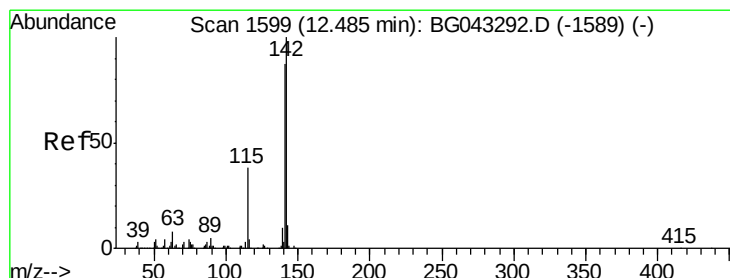
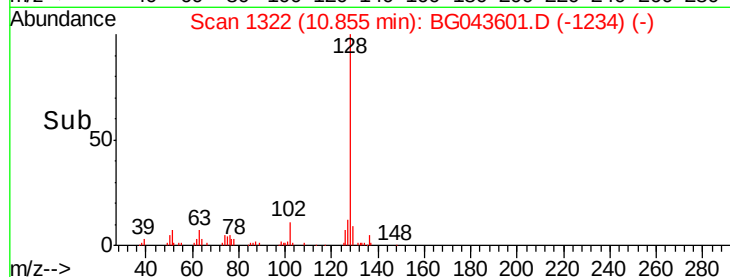
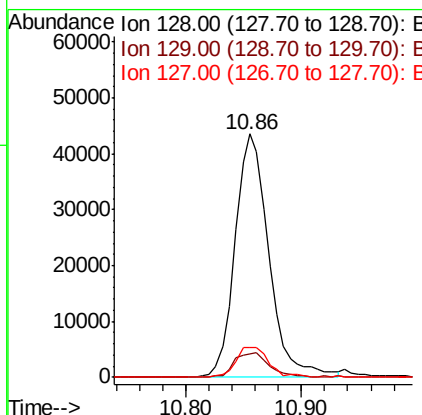
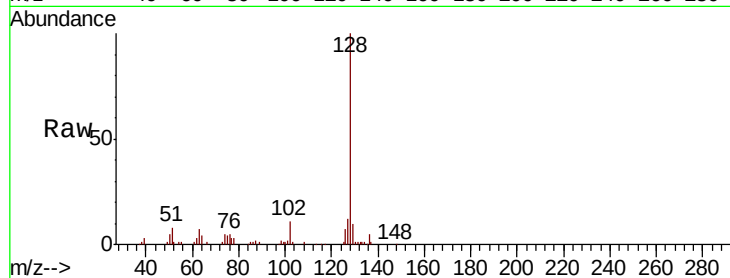




#31
Naphthalene
Concen: 14.354 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043601.D
Acq: 12 Nov 2019 2:26

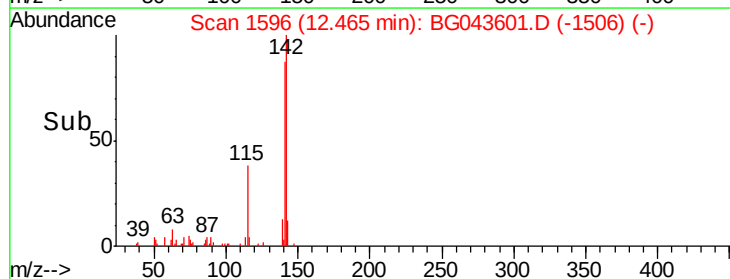
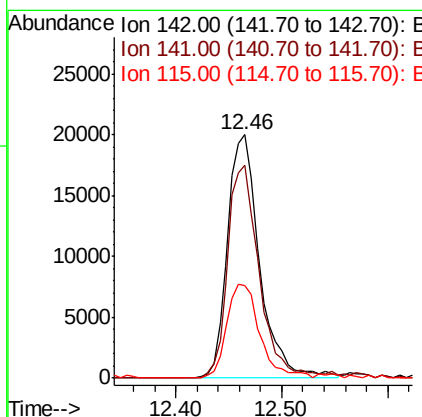
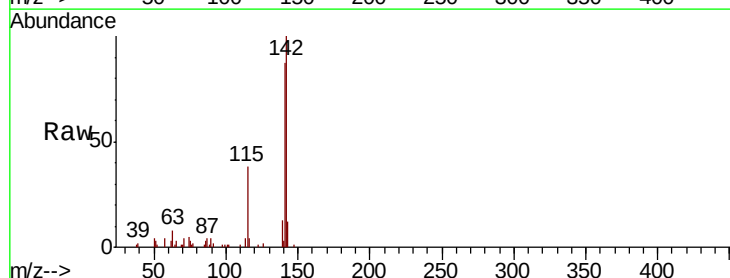
Instrument :
BNA_G
ClientSampleId :
TP-2A-COMP

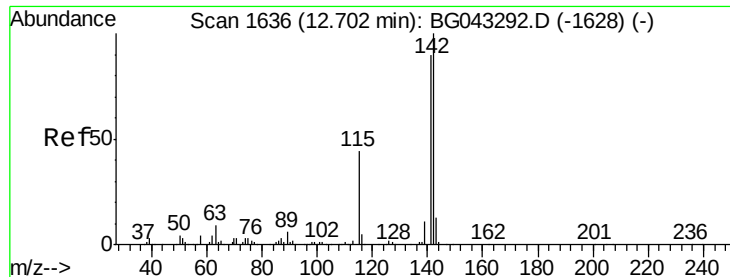
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.0
127	12.4	11.1	16.7



#37
2-Methylnaphthalene
Concen: 8.888 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043601.D
Acq: 12 Nov 2019 2:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.2	108.2
115	38.1	33.2	49.8

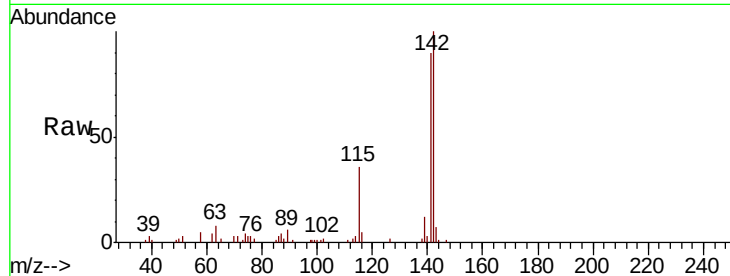




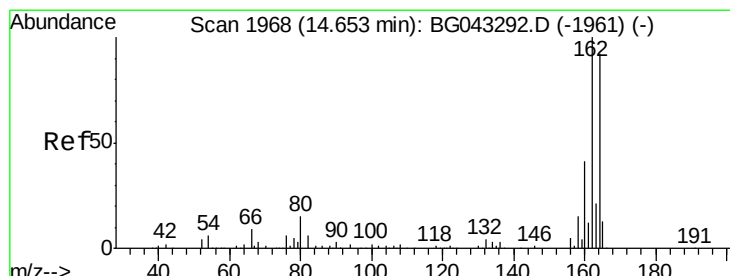
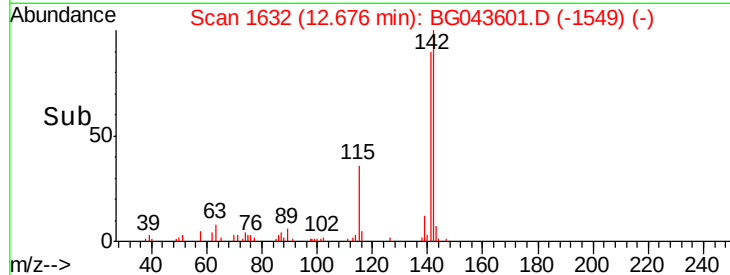
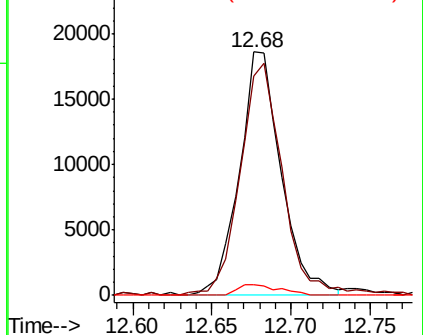
#38
1-Methylnaphthalene
Concen: 7.589 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043601.D
Acq: 12 Nov 2019 2:26

Instrument :
BNA_G
ClientSampleId :
TP-2A-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.2	109.8
116	4.5	3.6	5.4

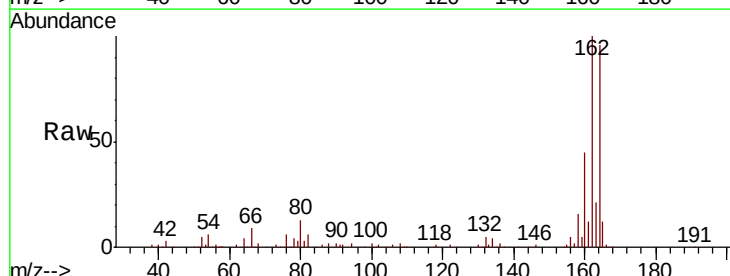


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

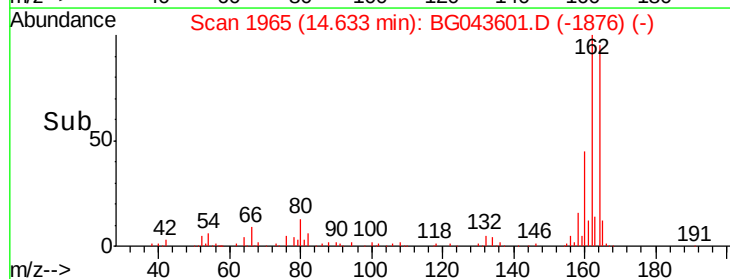
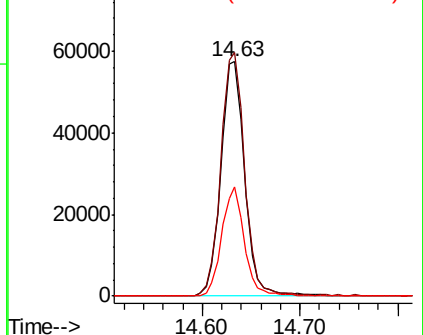


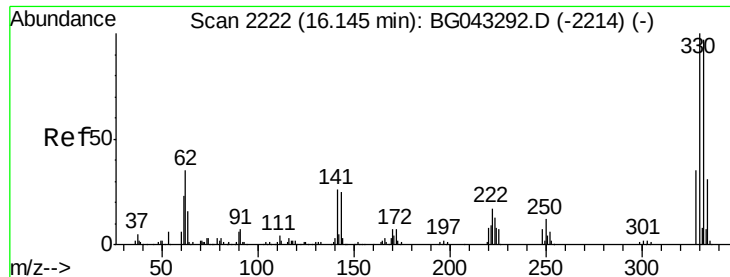
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043601.D
Acq: 12 Nov 2019 2:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	46.5	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

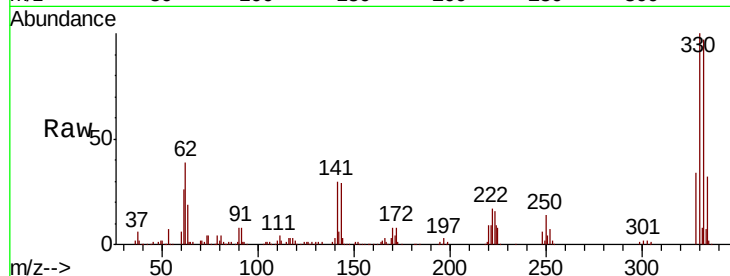




#42
 2,4,6-Tribromophenol
 Concen: 150.068 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043601.D
 Acq: 12 Nov 2019 2:26

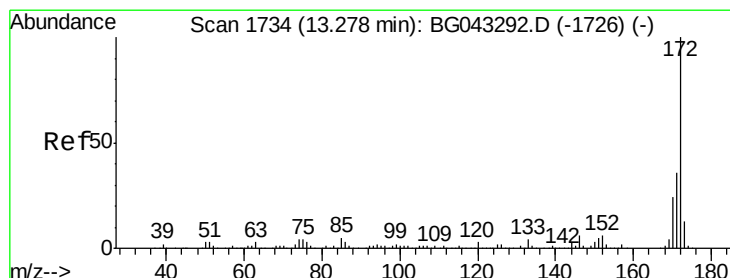
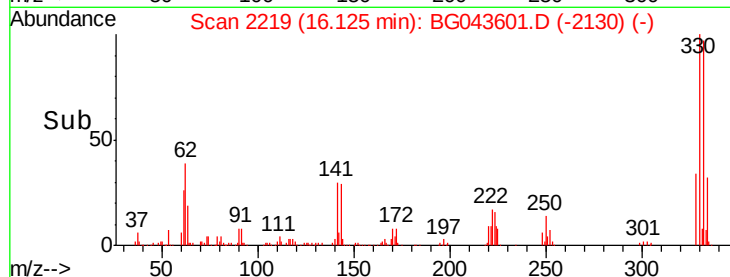
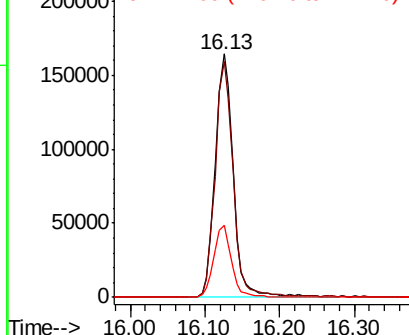
Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	28.8	22.8	34.2



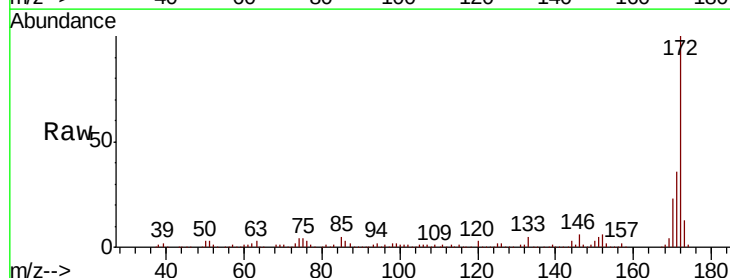
Abundance

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



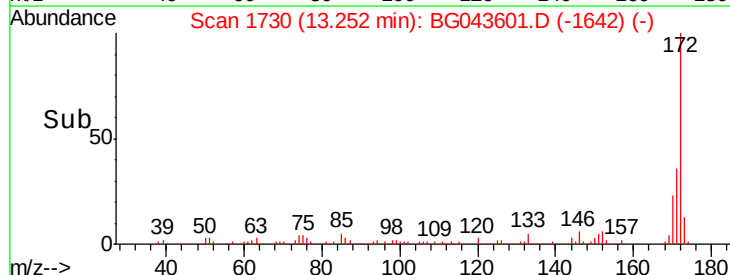
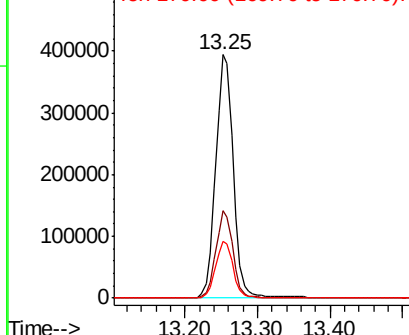
#45
 2-Fluorobiphenyl
 Concen: 94.975 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043601.D
 Acq: 12 Nov 2019 2:26

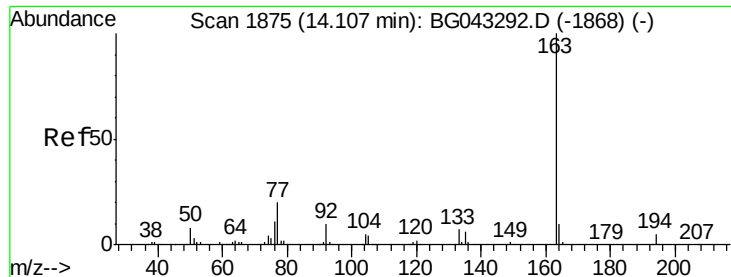
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.3	18.5	27.7



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





#50

Dimethylphthalate

Concen: 7.907 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

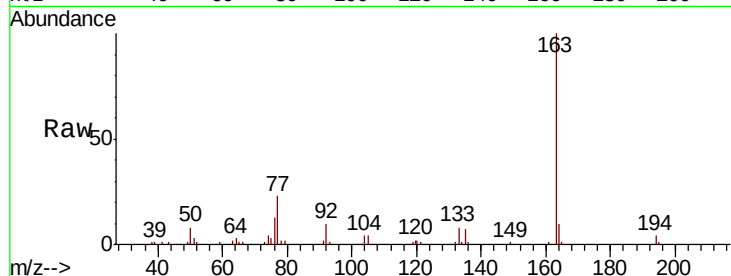
Tot Ion:163 Resp: 59243

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

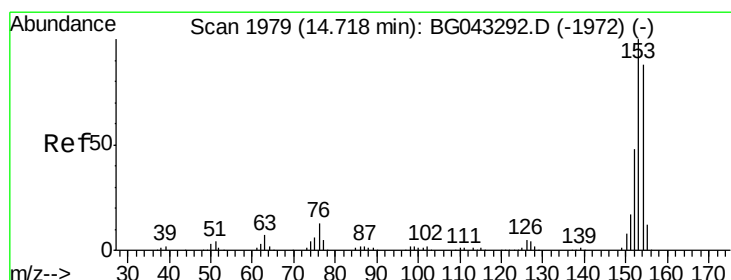
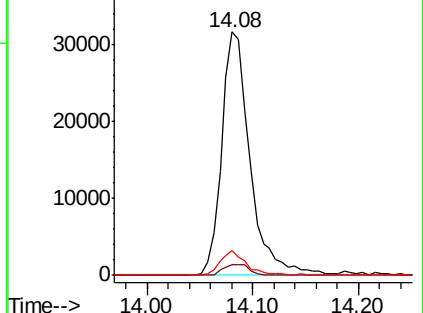
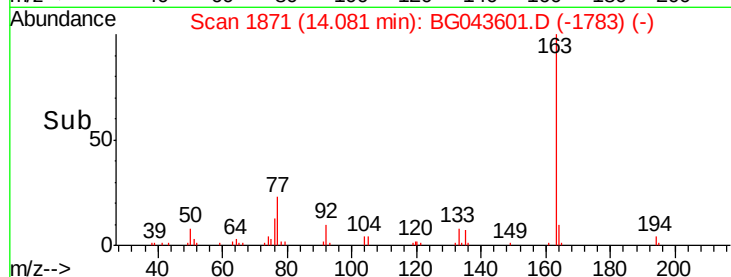
164 9.9 8.9 13.3



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



#52

Acenaphthene

Concen: 3.391 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

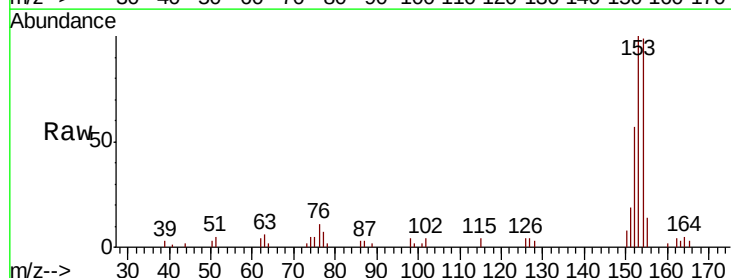
Tgt Ion:154 Resp: 18022

Ion Ratio Lower Upper

154 100

153 100.9 88.2 132.2

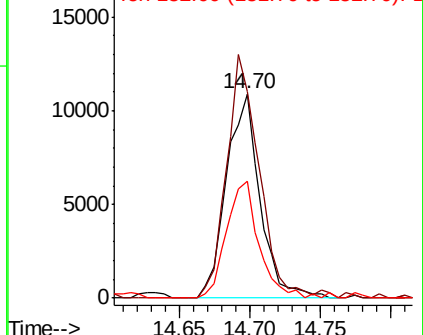
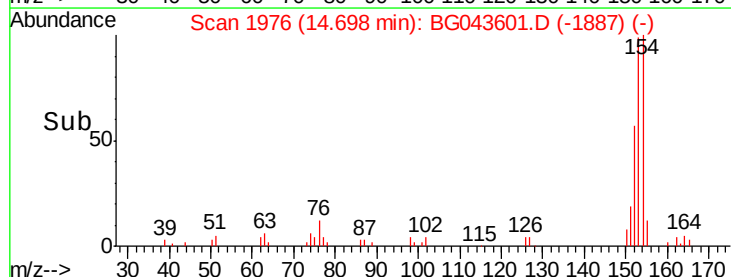
152 57.3 40.0 60.0

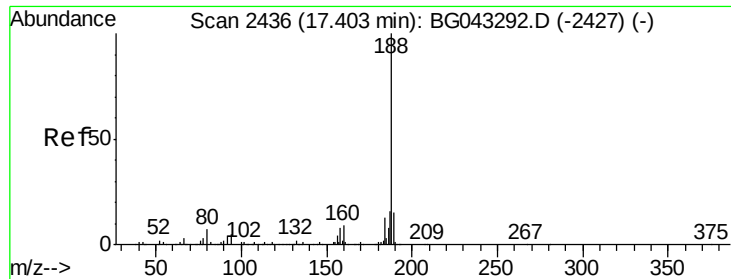


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

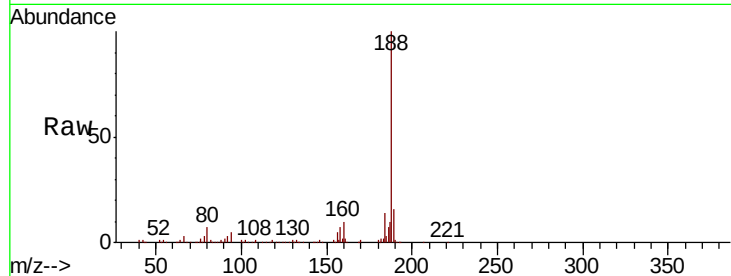
Tot Ion:188 Resp: 238258

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

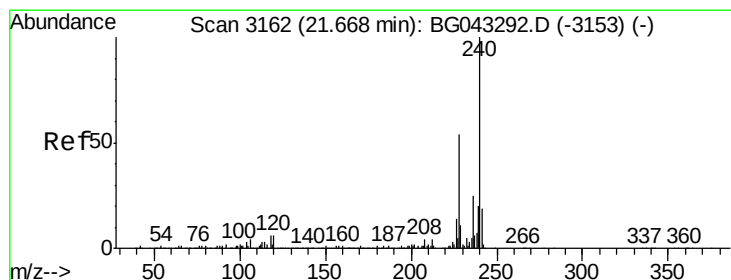
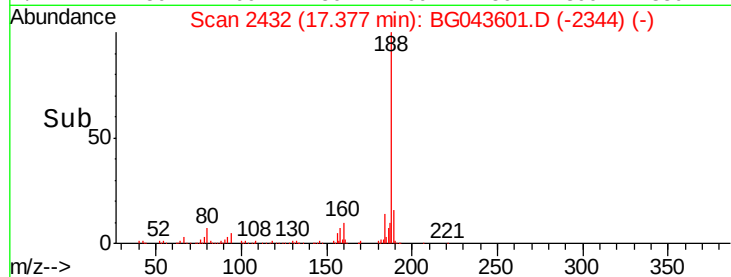
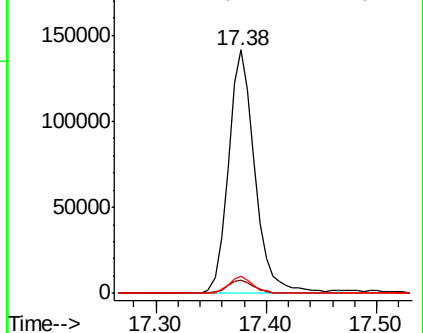
80 7.2 4.5 6.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

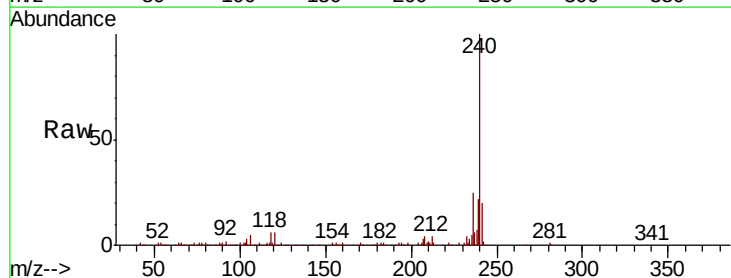
Tgt Ion:240 Resp: 196696

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

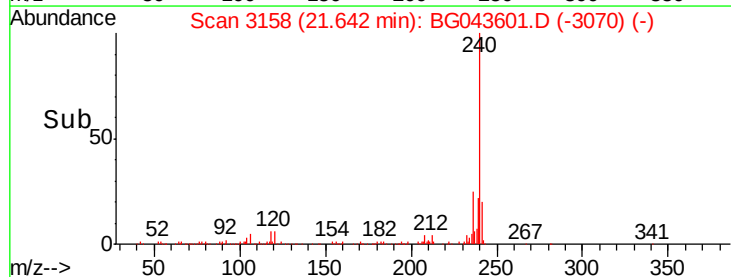
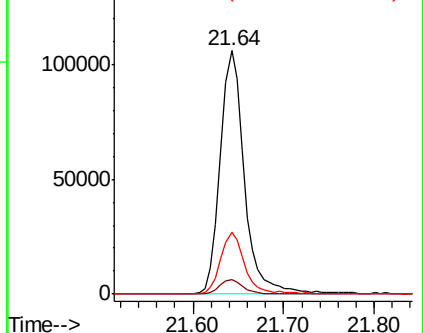
236 25.5 19.8 29.8

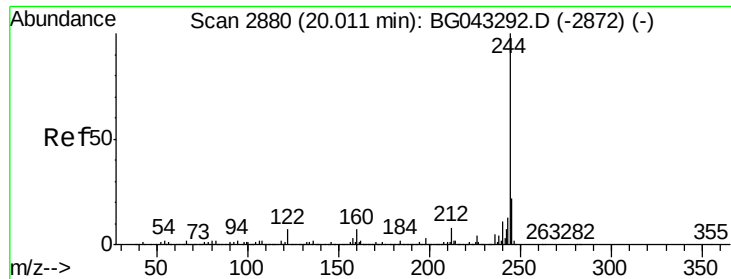


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 123.664 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

Instrument :

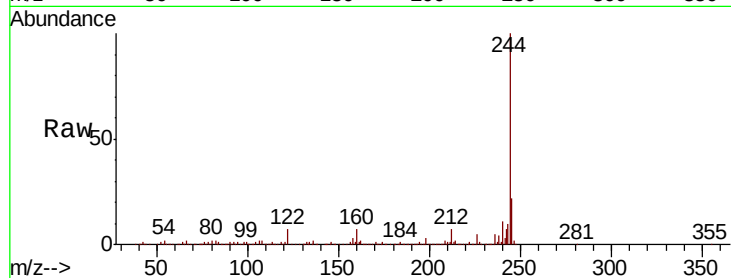
BNA_G

ClientSampleId :

TP-2A-COMP

Tot Ion:244 Resp: 1296559

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	6.6	5.4	8.2

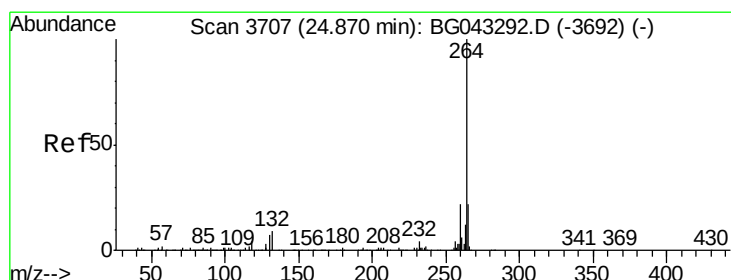
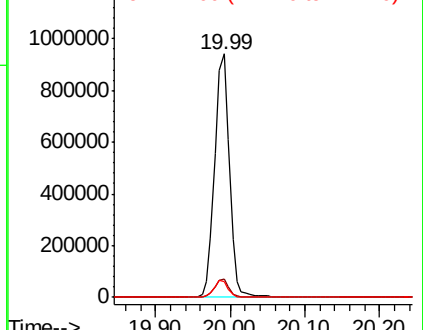
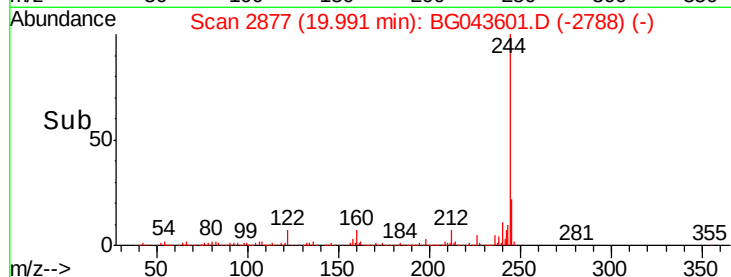


Abundance

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: 24.83 min Scan# 3700

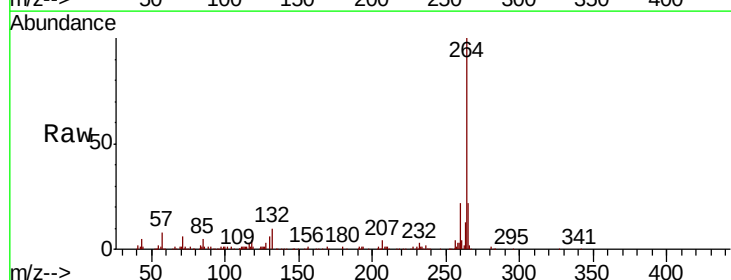
Delta R.T. -0.03 min

Lab File: BG043601.D

Acq: 12 Nov 2019 2:26

Tgt Ion:264 Resp: 234492

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.5	26.3
265	21.7	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

