

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043597.D
 Acq On : 11 Nov 2019 23:51
 Operator : JU
 Sample : K5746-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Quant Time: Nov 12 03:09:18 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

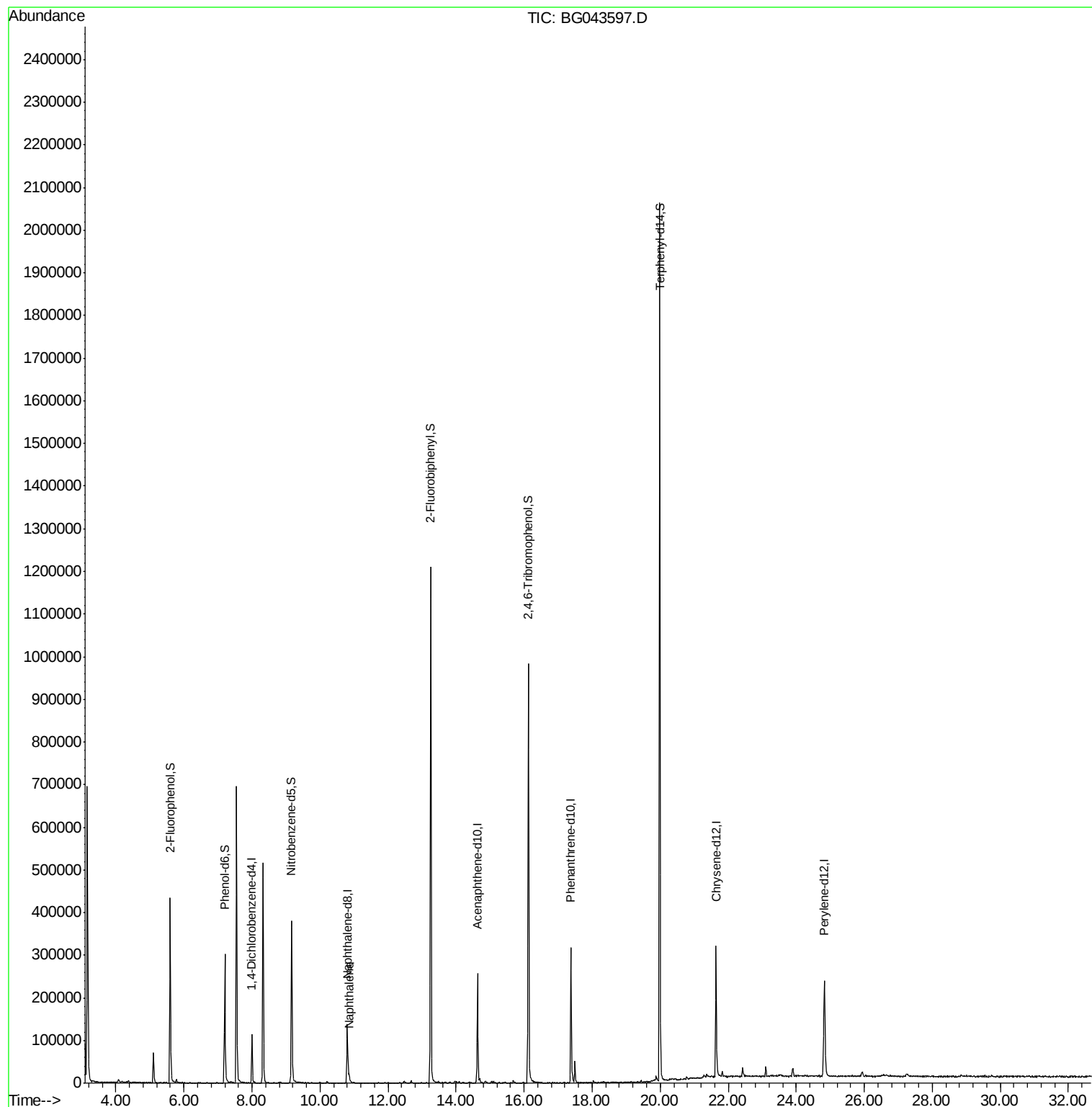
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34664	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	134940	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	97833	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	221276	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	217913	20.00	ng	-0.01
87) Perylene-d12	24.83	264	252042	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	209316	110.65	ng	0.00
7) Phenol-d6	7.20	99	192146	70.60	ng	0.00
23) Nitrobenzene-d5	9.16	82	253014	96.67	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	239964	128.89	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	678996	95.90	ng	-0.01
79) Terphenyl-d14	19.99	244	1161505	100.00	ng	0.00
Target Compounds						
31) Naphthalene	10.86	128	14482	2.114	ng	Qvalue 98

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

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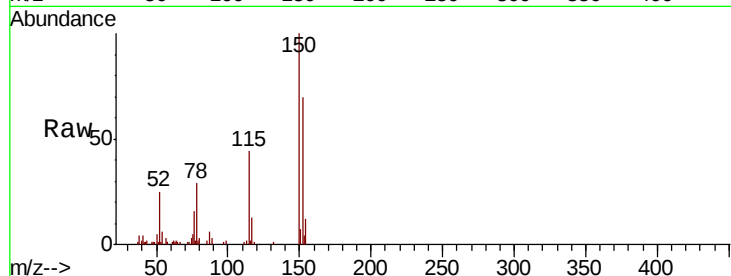


#1

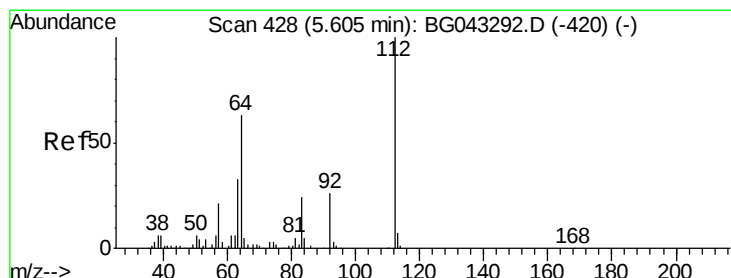
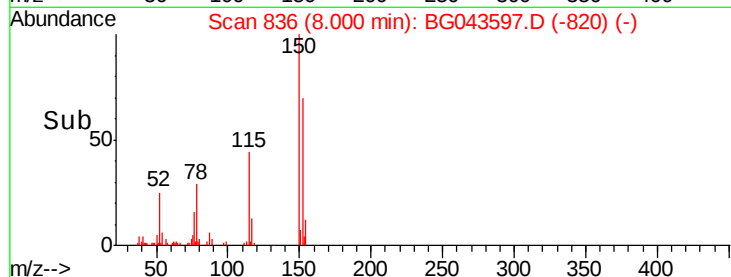
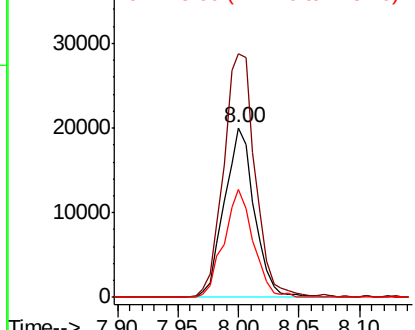
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043597.D
Acq: 11 Nov 2019 23:51

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tot Ion:152 Resp: 34664
Ion Ratio Lower Upper
152 100
150 143.3 129.4 194.0
115 63.7 48.8 73.2



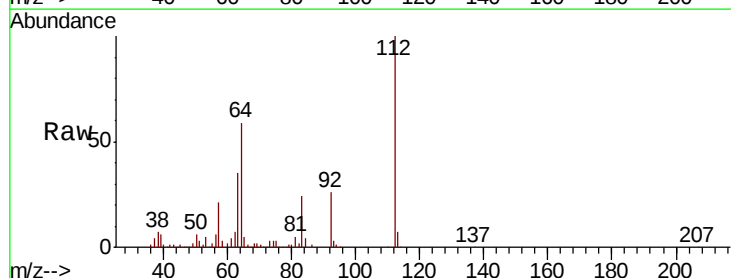
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



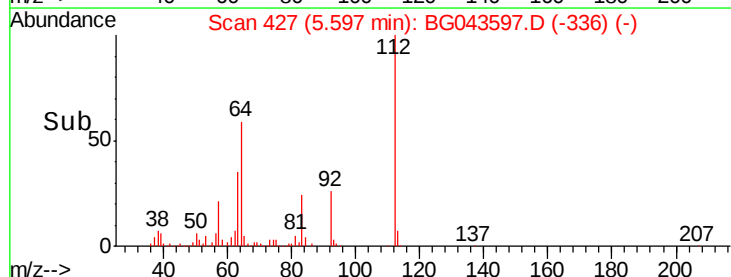
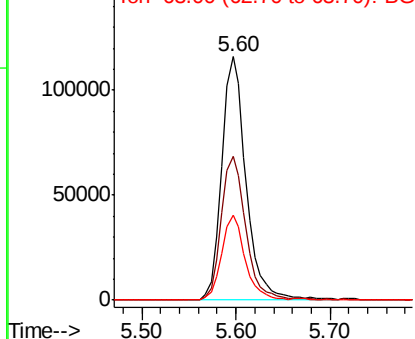
#5

2-Fluorophenol
Concen: 110.651 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043597.D
Acq: 11 Nov 2019 23:51

Tgt Ion:112 Resp: 209316
Ion Ratio Lower Upper
112 100
64 59.1 50.0 75.0
63 35.0 26.6 40.0



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: 70.598 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043597.D

Acq: 11 Nov 2019 23:51

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

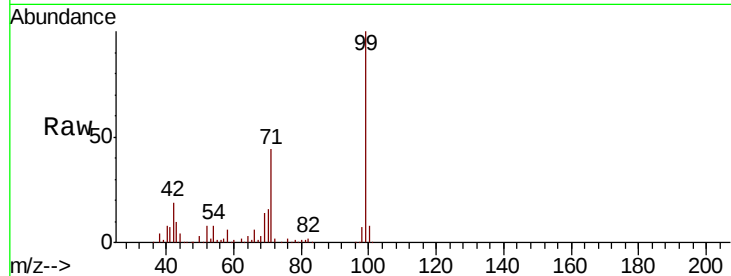
Tot Ion: 99 Resp: 192146

Ion Ratio Lower Upper

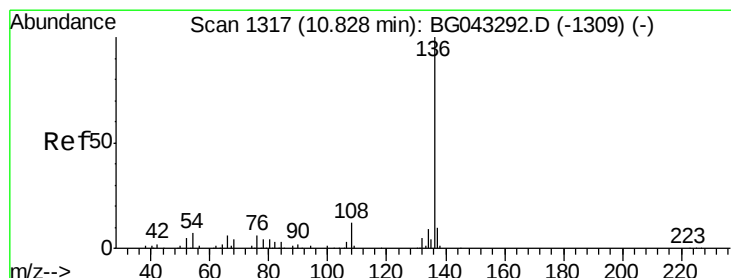
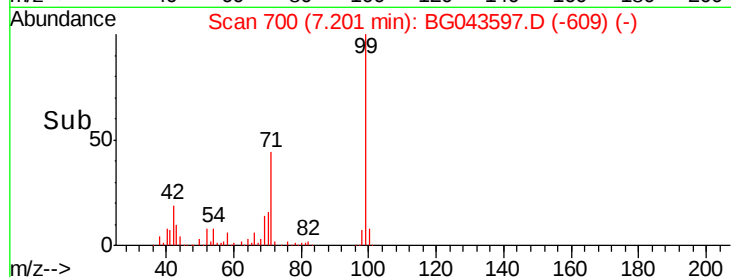
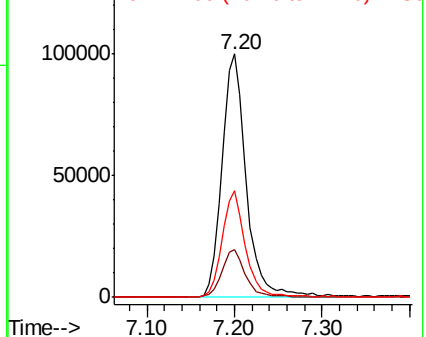
99 100

42 19.4 14.6 21.8

71 43.6 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043597.D

Acq: 11 Nov 2019 23:51

Tgt Ion: 136 Resp: 134940

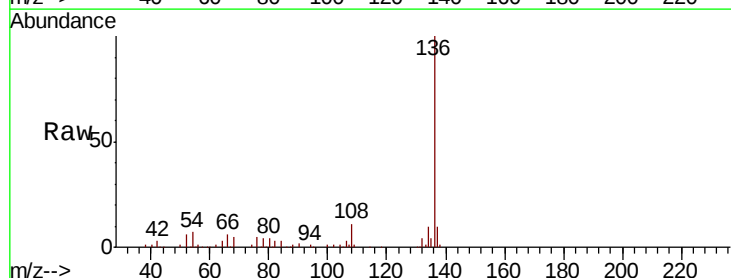
Ion Ratio Lower Upper

136 100

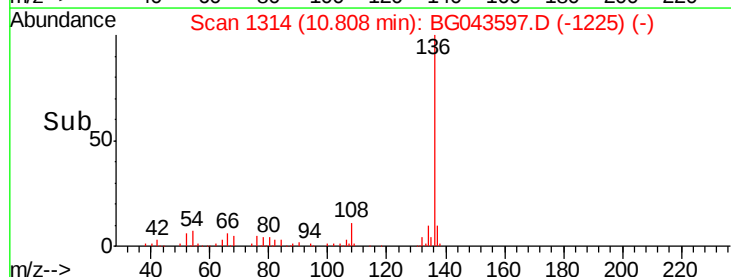
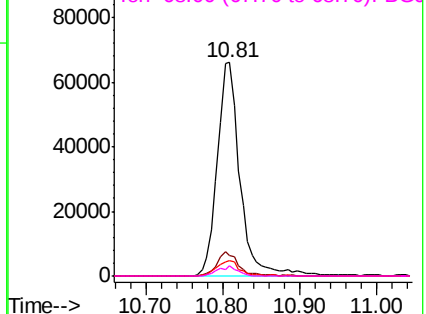
137 9.8 8.7 13.1

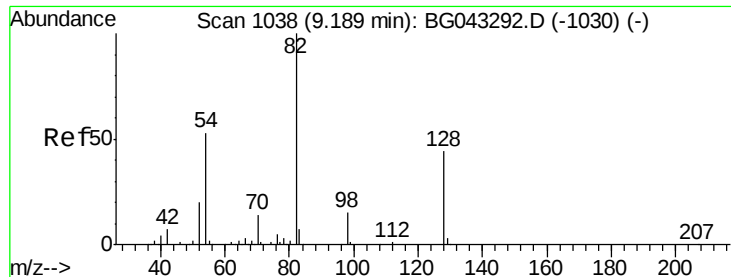
54 7.0 5.4 8.2

68 4.5 3.0 4.4#



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

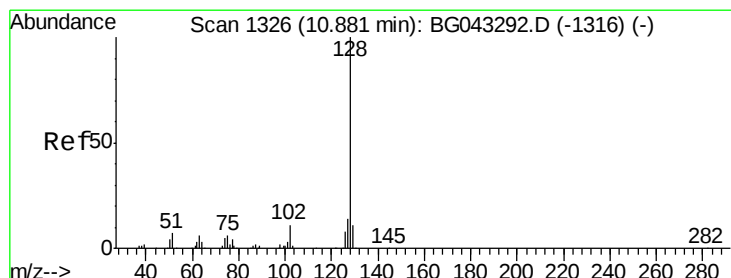
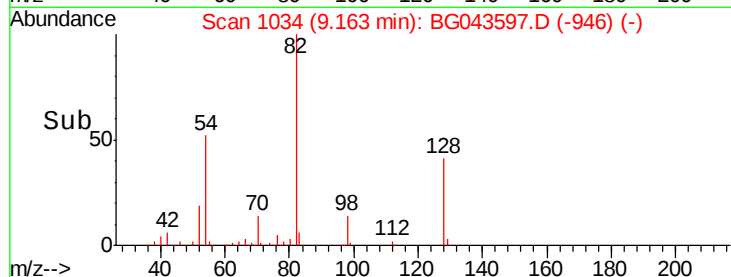
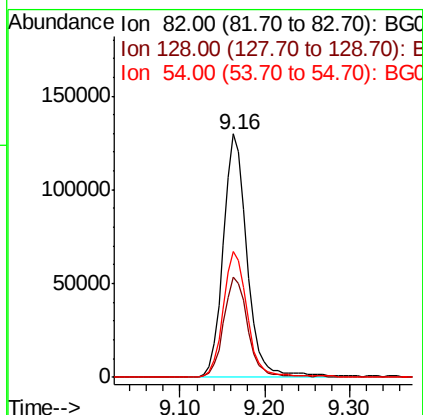
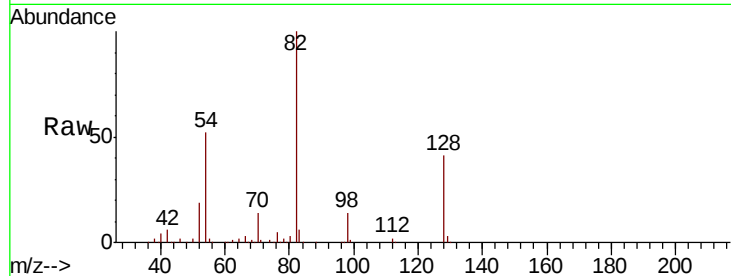




#23
Nitrobenzene-d5
Concen: 96.665 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043597.D
Acq: 11 Nov 2019 23:51

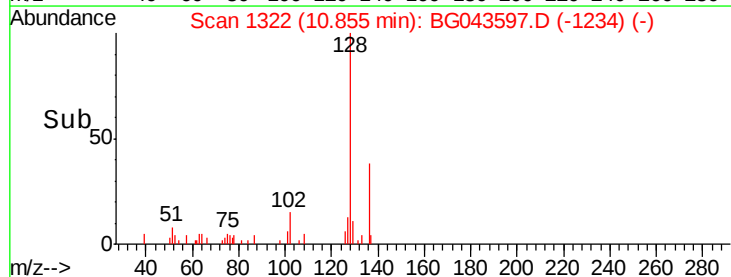
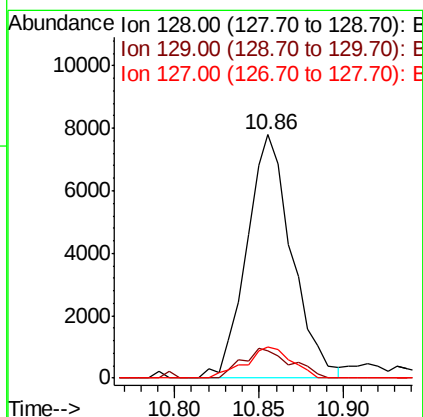
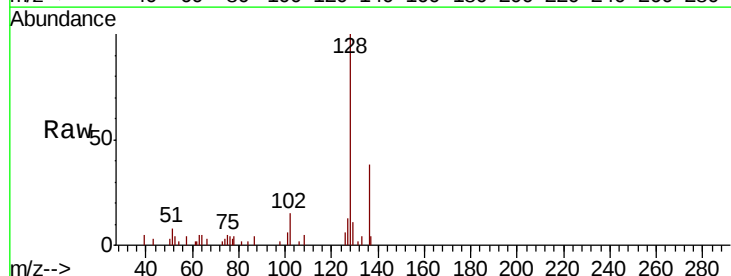
Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

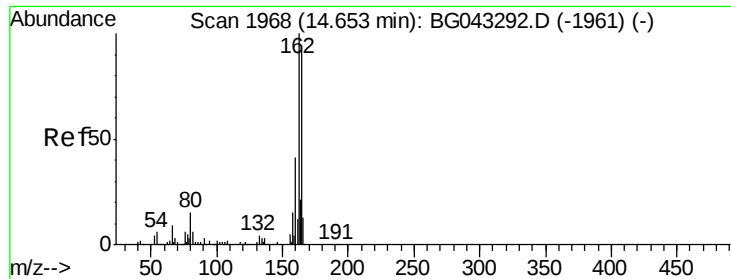
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.6
54	51.7	40.2	60.2



#31
Naphthalene
Concen: 2.114 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043597.D
Acq: 11 Nov 2019 23:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	12.9	11.1	16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043597.D

Acq: 11 Nov 2019 23:51

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

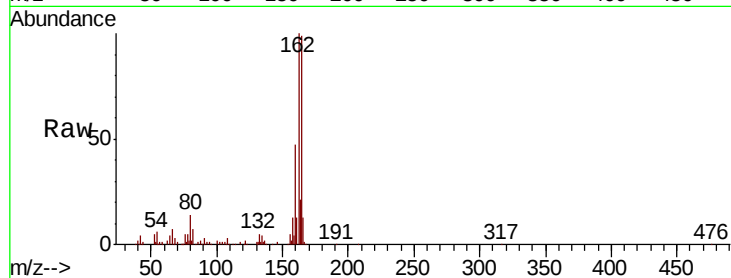
Tot Ion:164 Resp: 97833

Ion Ratio Lower Upper

164 100

162 101.4 83.5 125.3

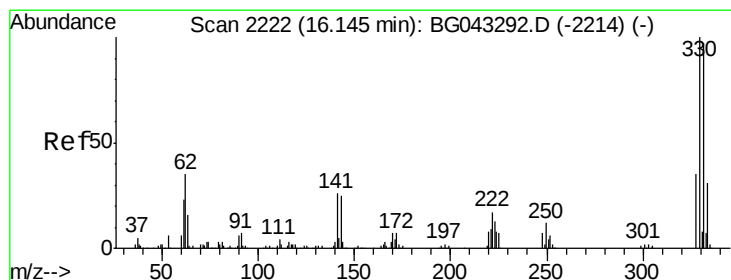
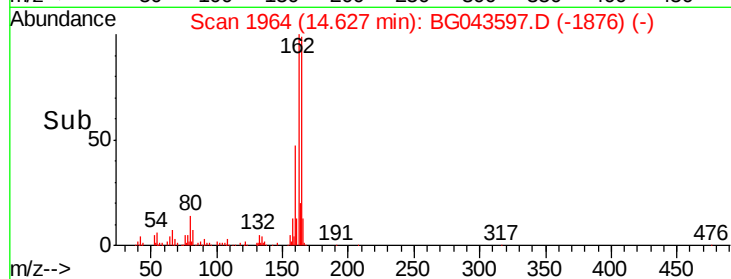
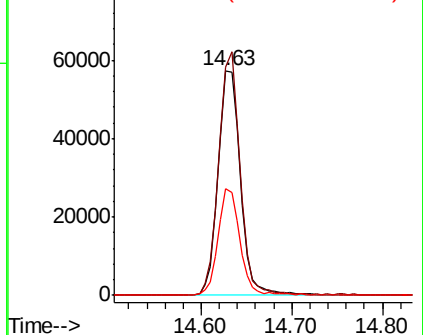
160 47.2 36.5 54.7



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: 128.891 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043597.D

Acq: 11 Nov 2019 23:51

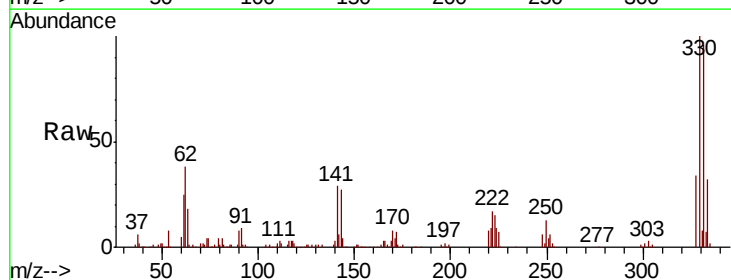
Tgt Ion:330 Resp: 239964

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

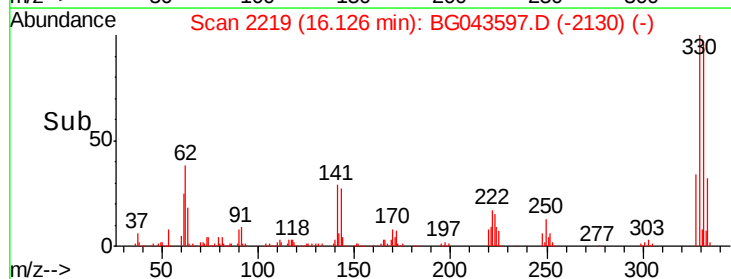
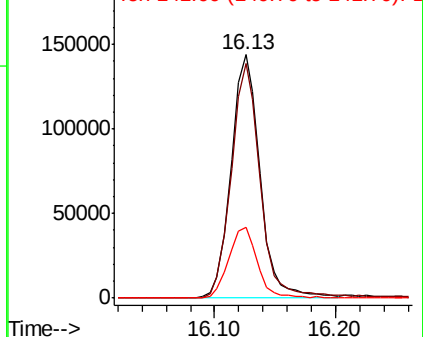
141 29.0 22.8 34.2

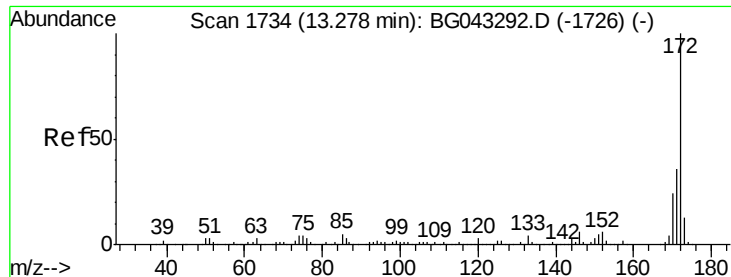


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

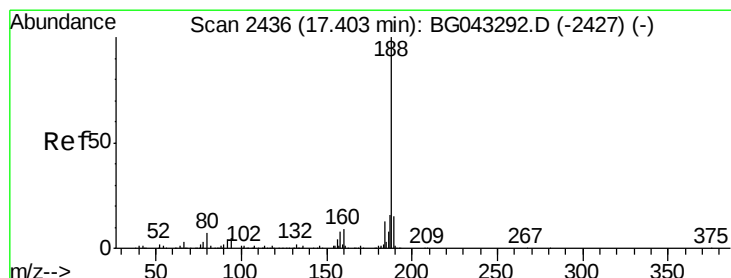
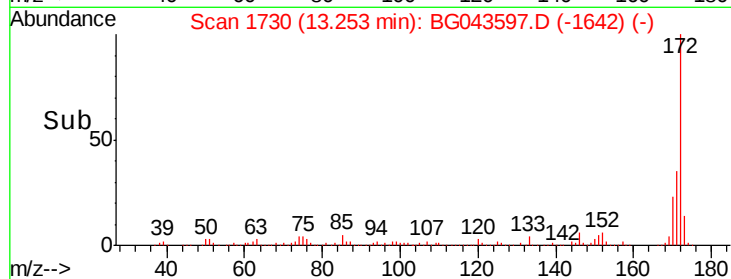
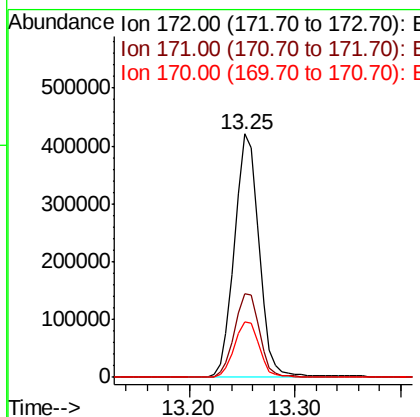
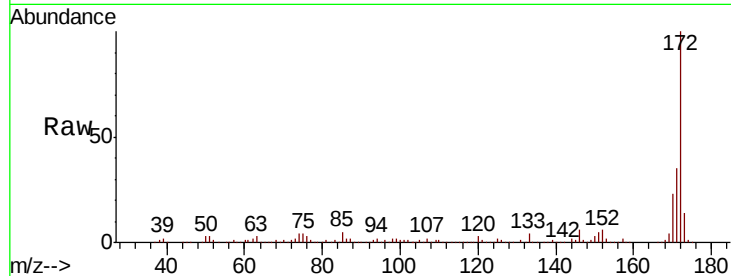




#45
 2-Fluorobiphenyl
 Concen: 95.902 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043597.D
 Acq: 11 Nov 2019 23:51

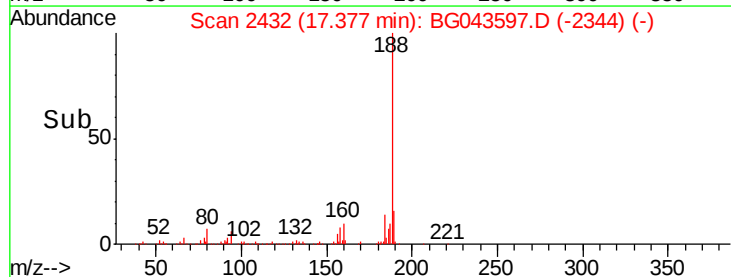
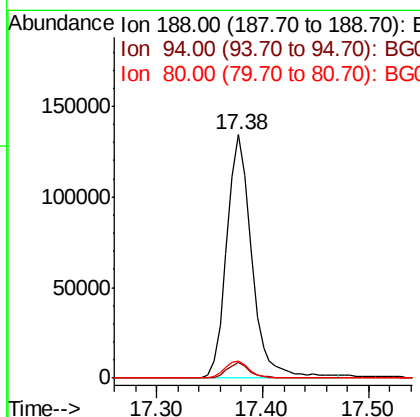
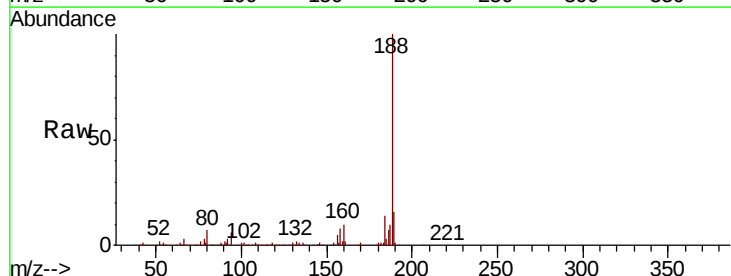
Instrument :
 BNA_G
 ClientSampled :
 TP-1A-COMP

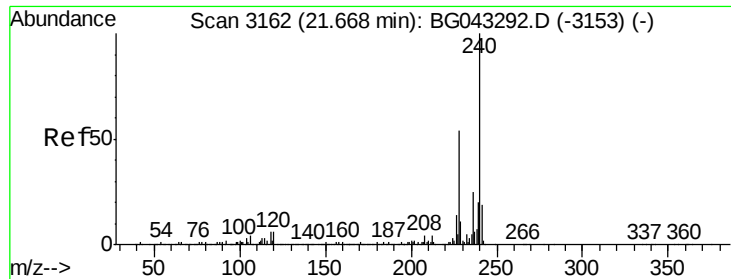
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	22.7	18.5	27.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043597.D
 Acq: 11 Nov 2019 23:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	7.0	4.5	6.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043597.D

Acq: 11 Nov 2019 23:51

Instrument :

BNA_G

ClientSampleId :

TP-1A-COMP

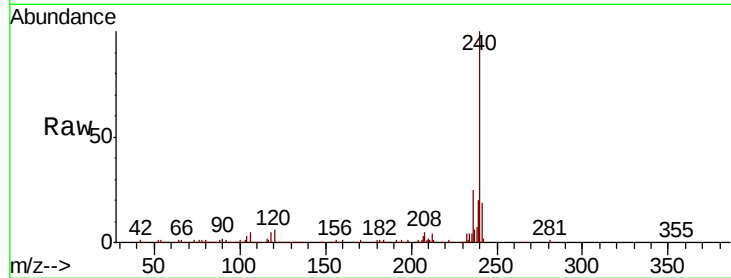
Tot Ion:240 Resp: 217913

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

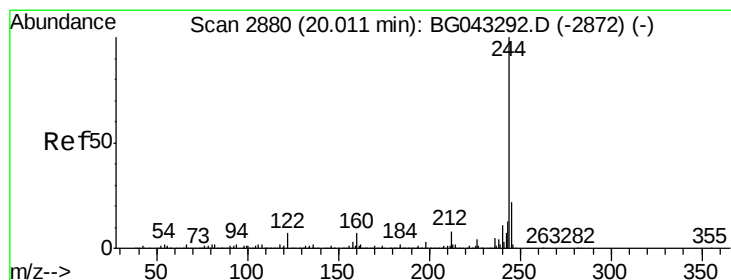
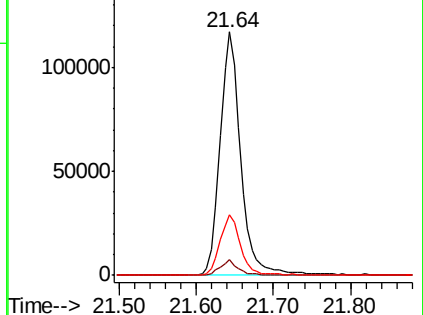
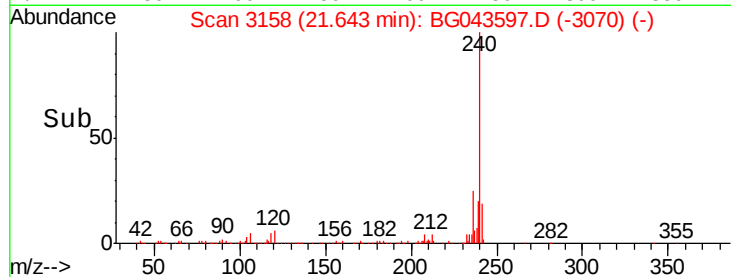
236 24.8 19.8 29.8



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: 99.996 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043597.D

Acq: 11 Nov 2019 23:51

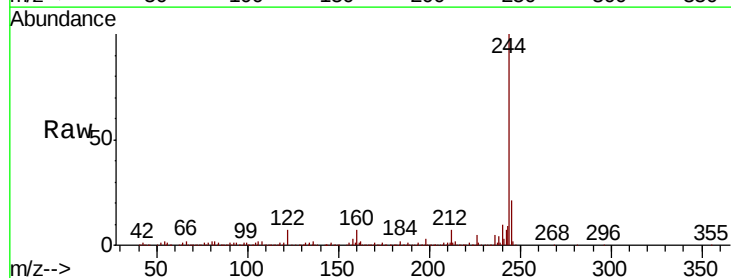
Tgt Ion:244 Resp: 1161505

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

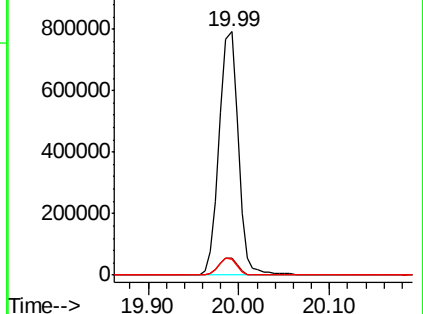
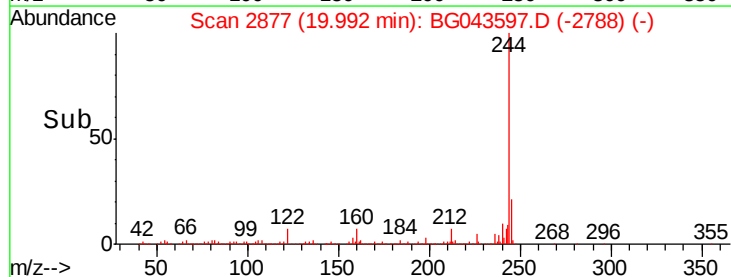
122 6.6 5.4 8.2

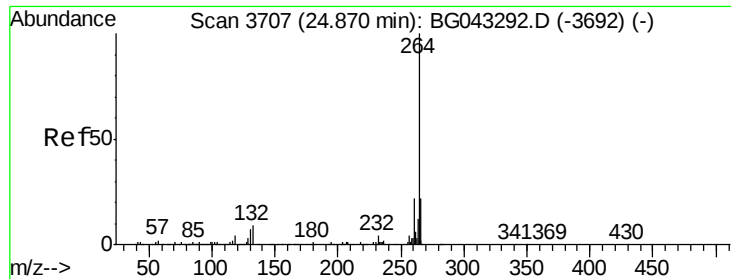


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.03 min
 Lab File: BG043597.D
 Acq: 11 Nov 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	23.1	17.4	26.0

