

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042970.D
 Acq On : 1 Oct 2019 17:05
 Operator : JU
 Sample : PB123514BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BL

Quant Time: Oct 02 01:41:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

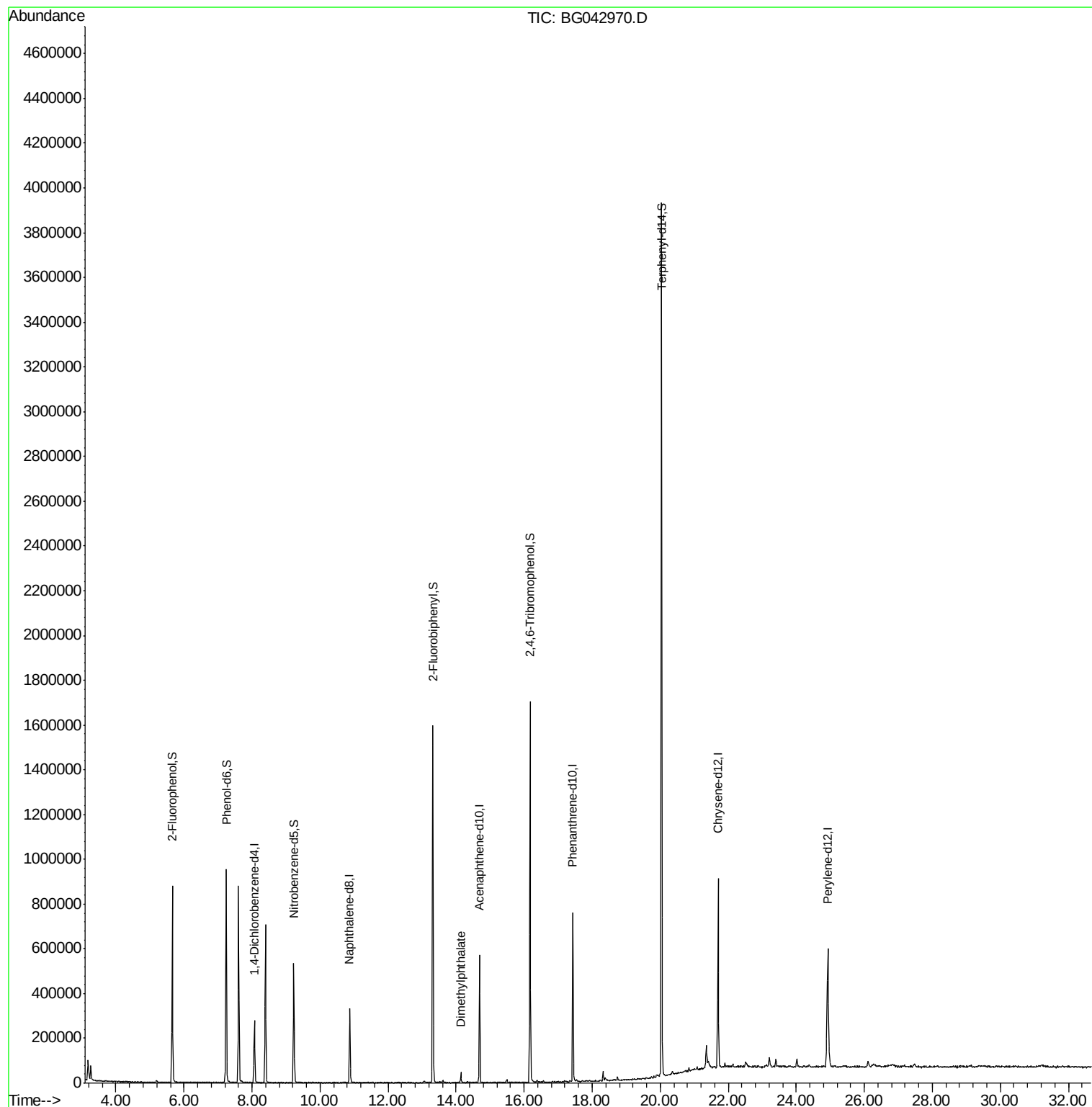
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	75513	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	285995	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	205184	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	491657	20.00	ng	0.00
76) Chrysene-d12	21.70	240	528800	20.00	ng	-0.01
87) Perylene-d12	24.93	264	609275	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	365786	86.45	ng	0.00
7) Phenol-d6	7.24	99	526413	86.39	ng	0.00
23) Nitrobenzene-d5	9.23	82	335203	56.97	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	342313	97.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	862198	60.92	ng	0.00
79) Terphenyl-d14	20.04	244	1918131	77.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	31224	2.031	ng	Qvalue # 98

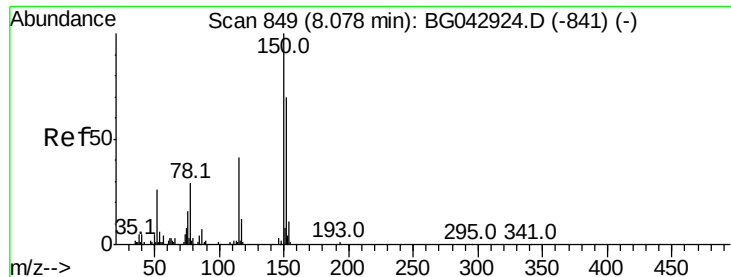
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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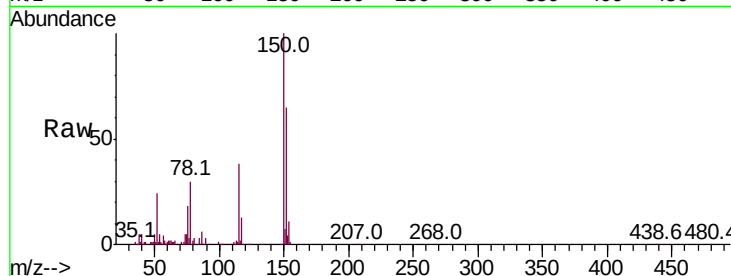


#1

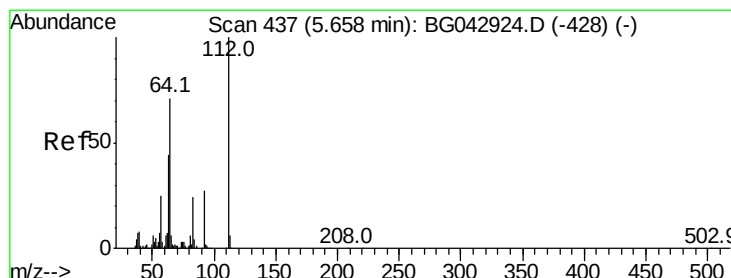
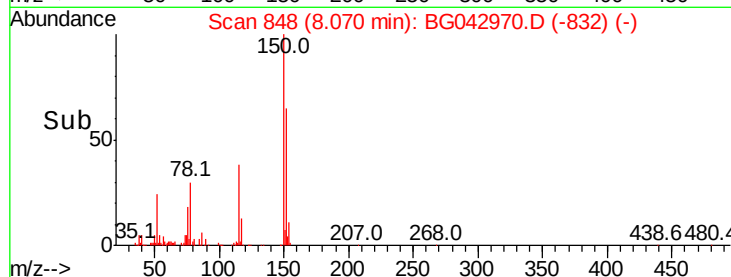
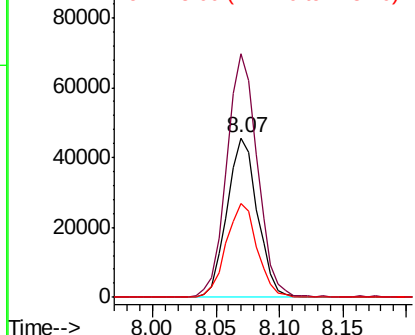
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB123514BL

Tot Ion:152 Resp: 75513
Ion Ratio Lower Upper
152 100
150 153.0 115.0 172.4
115 58.7 47.0 70.6



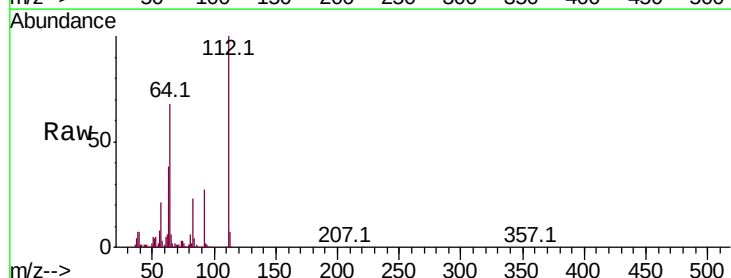
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



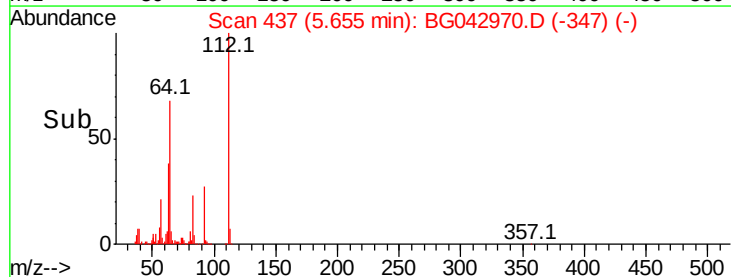
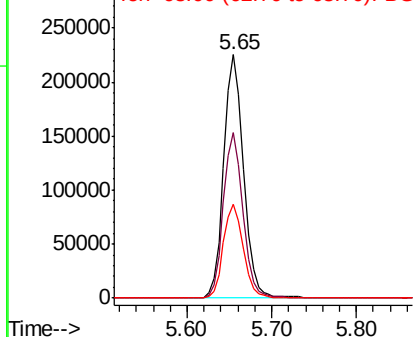
#5

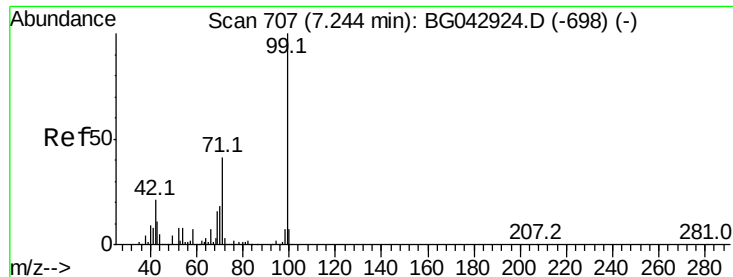
2-Fluorophenol
Concen: 86.447 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

Tgt Ion:112 Resp: 365786
Ion Ratio Lower Upper
112 100
64 67.9 56.6 84.8
63 38.4 35.1 52.7



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: 86.391 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042970.D

Acq: 1 Oct 2019 17:05

Instrument :

BNA_G

ClientSampleId :

PB123514BL

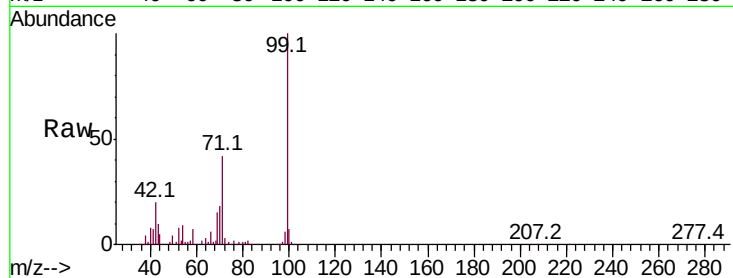
Tot Ion: 99 Resp: 526413

Ion Ratio Lower Upper

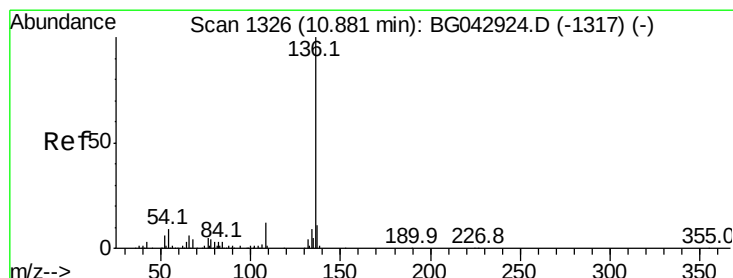
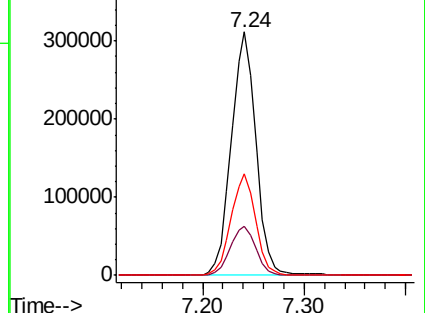
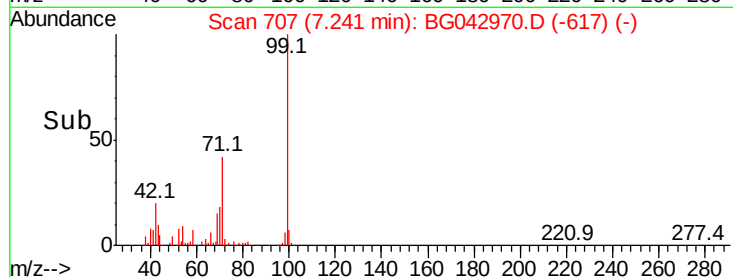
99 100

42 20.2 17.2 25.8

71 41.8 33.1 49.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042970.D

Acq: 1 Oct 2019 17:05

Tgt Ion: 136 Resp: 285995

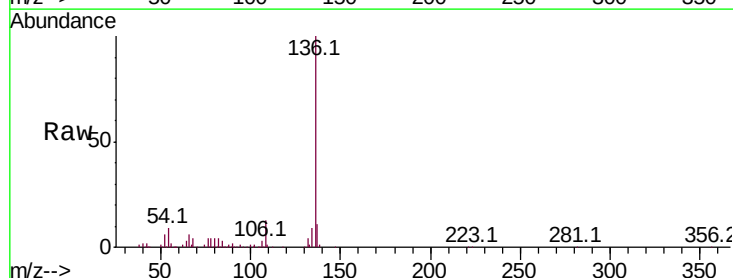
Ion Ratio Lower Upper

136 100

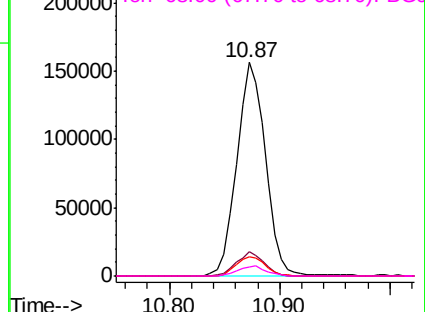
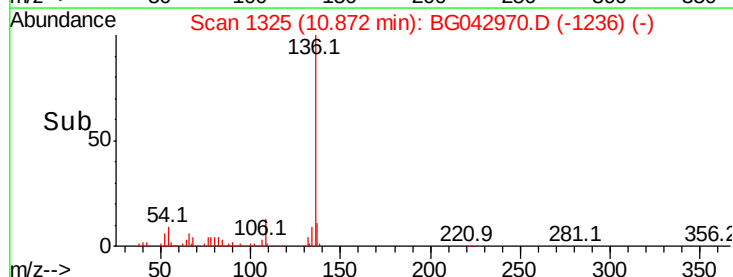
137 11.4 8.5 12.7

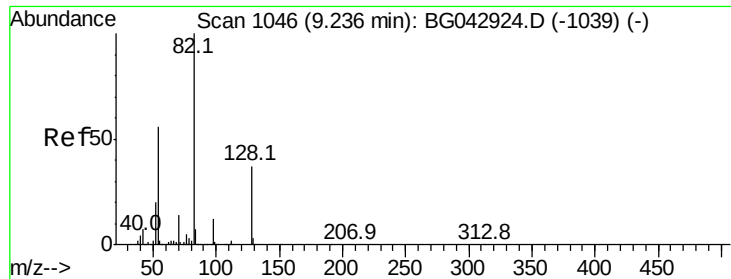
54 9.3 7.4 11.2

68 4.3 3.6 5.4



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

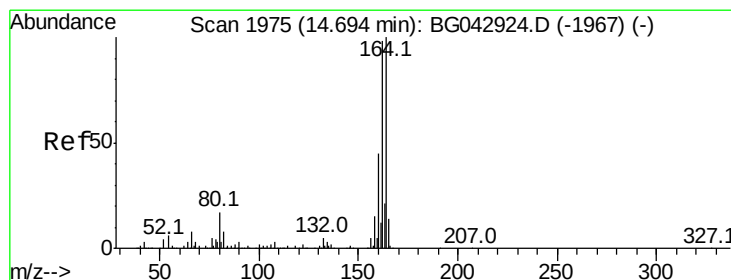
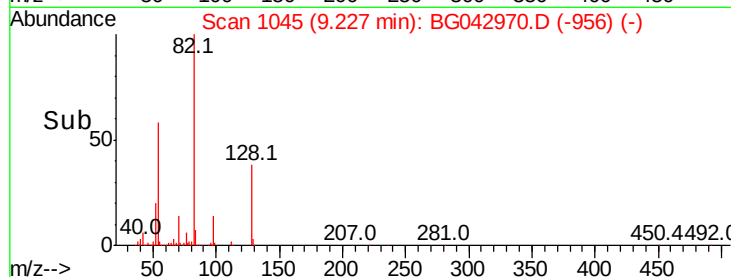
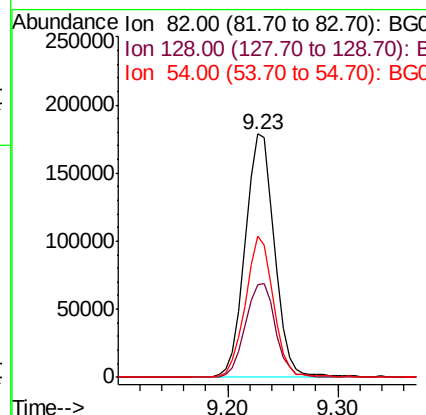
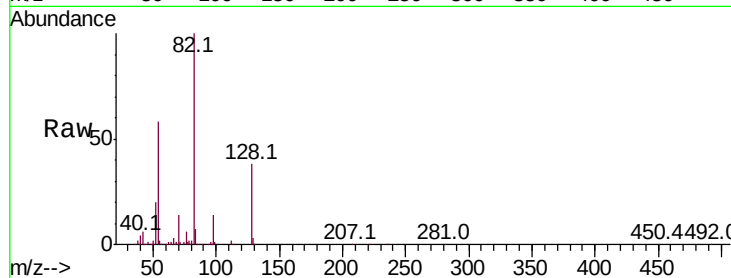




#23
 Nitrobenzene-d5
 Concen: 56.968 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042970.D
 Acq: 1 Oct 2019 17:05

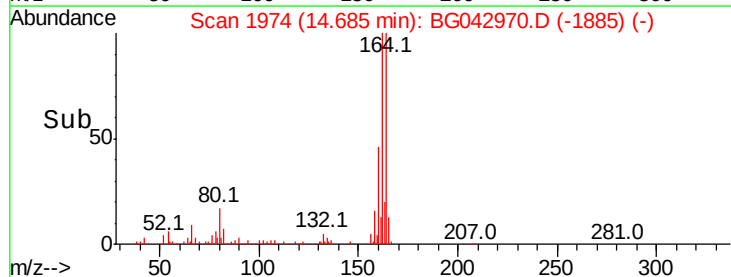
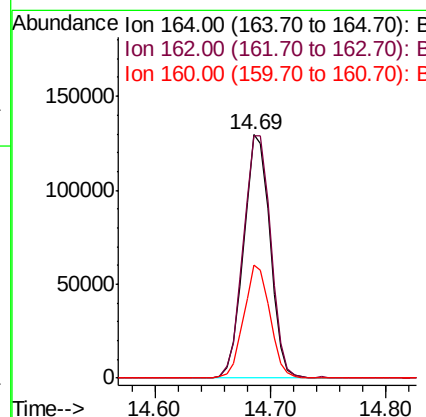
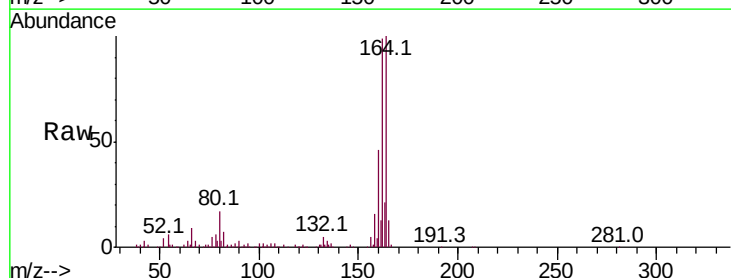
Instrument :
 BNA_G
 ClientSampleId :
 PB123514BL

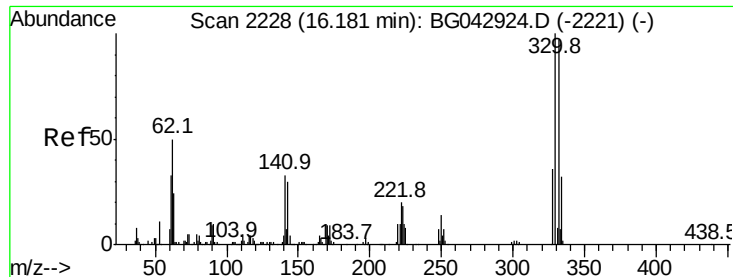
Tot Ion: 82 Resp: 335203
 Ion Ratio Lower Upper
 82 100
 128 38.3 29.5 44.3
 54 58.1 44.6 67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042970.D
 Acq: 1 Oct 2019 17:05

Tgt Ion: 164 Resp: 205184
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.5 117.7
 160 46.4 35.9 53.9

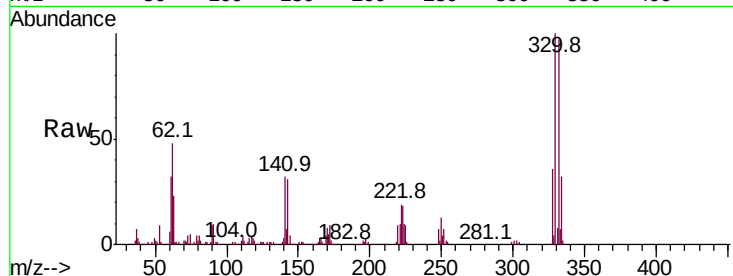




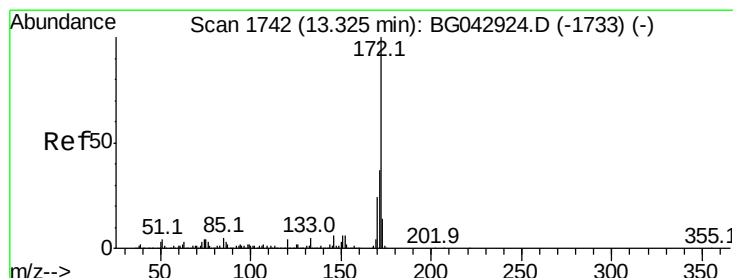
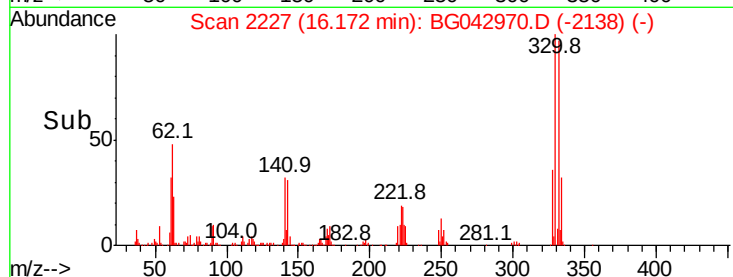
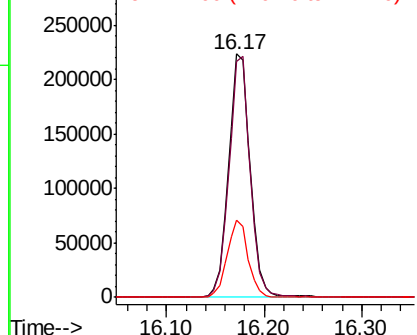
#42
2,4,6-Tribromophenol
Concen: 97.020 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB123514BL

Tot Ion:330 Resp: 342313
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 30.7 26.0 39.0

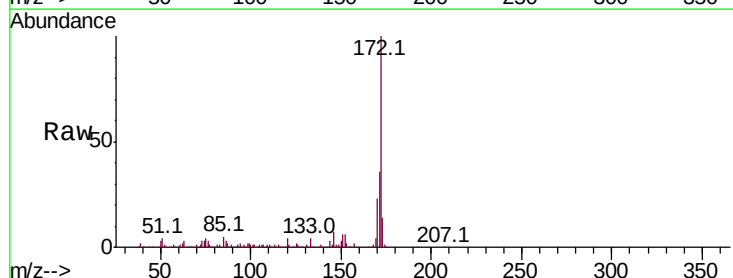


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

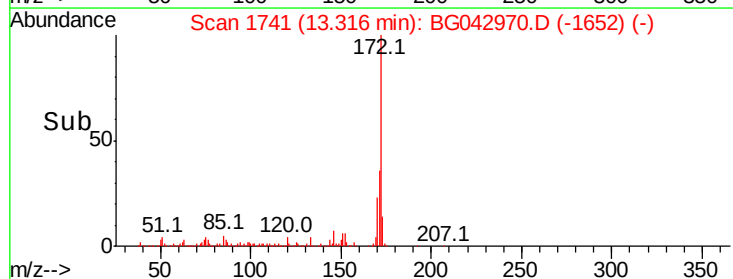
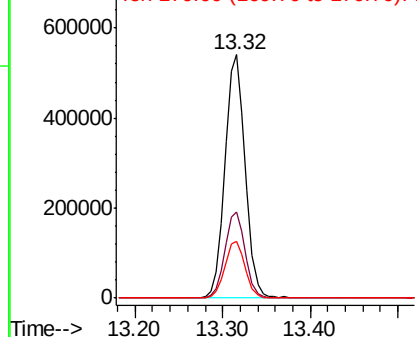


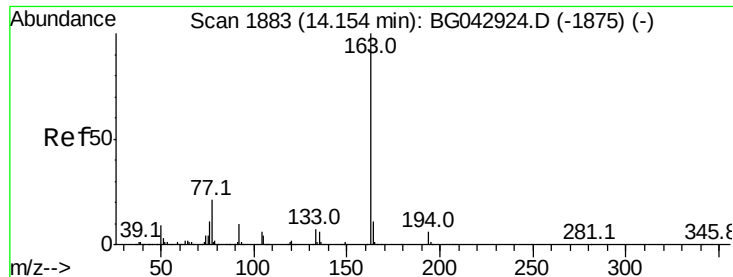
#45
2-Fluorobiphenyl
Concen: 60.917 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

Tgt Ion:172 Resp: 862198
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.3 19.6 29.4



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

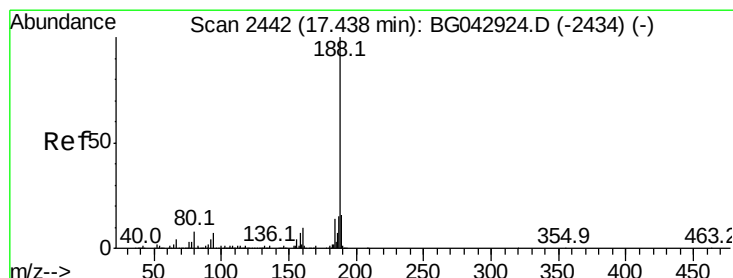
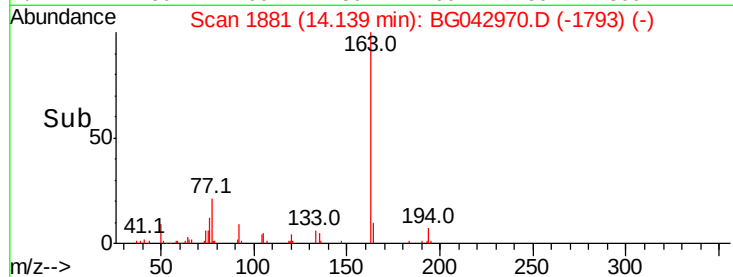
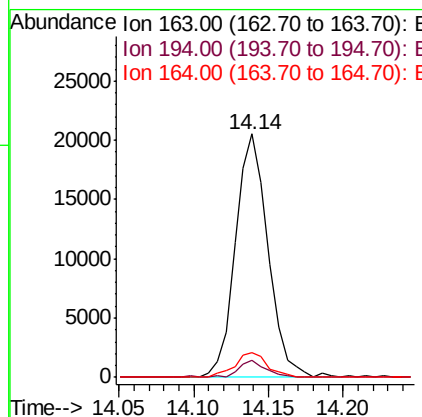
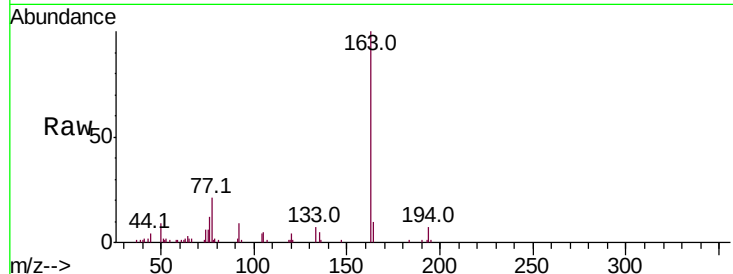




#50
Dimethylphthalate
Concen: 2.031 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

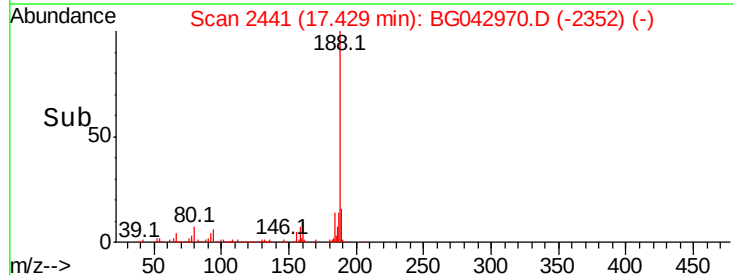
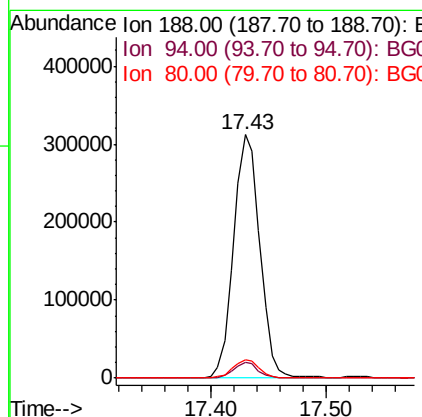
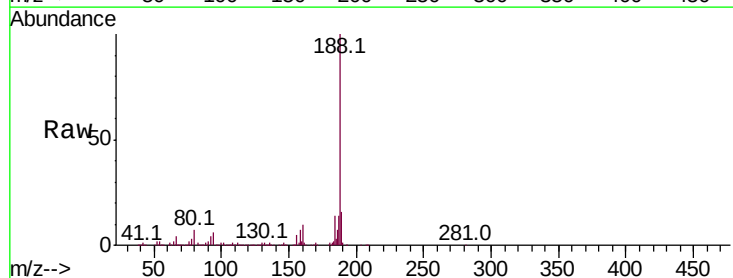
Instrument :
BNA_G
ClientSampleId :
PB123514BL

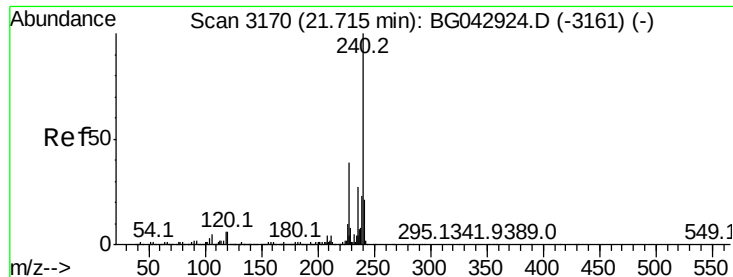
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.9	4.4	6.6#
164	10.3	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.3	6.5	9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042970.D

Acq: 1 Oct 2019 17:05

Instrument :

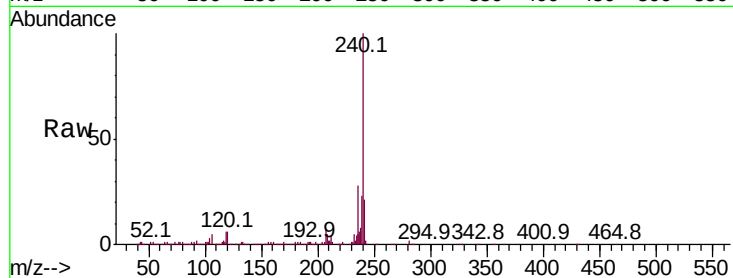
BNA_G

ClientSampleId :

PB123514BL

Tot Ion:240 Resp: 528800

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.8	7.2
236	27.8	21.4	32.0

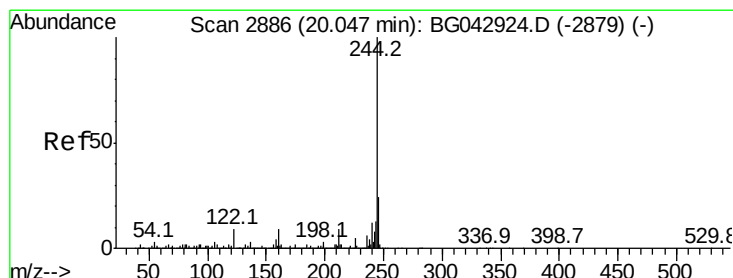
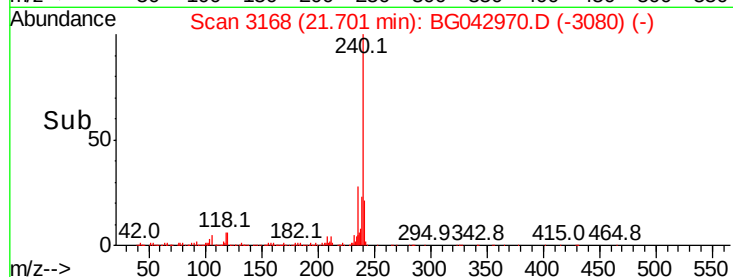
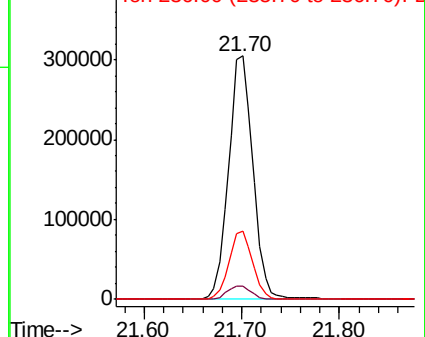


Abundance

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: 77.294 ng

RT: 20.04 min Scan# 2885

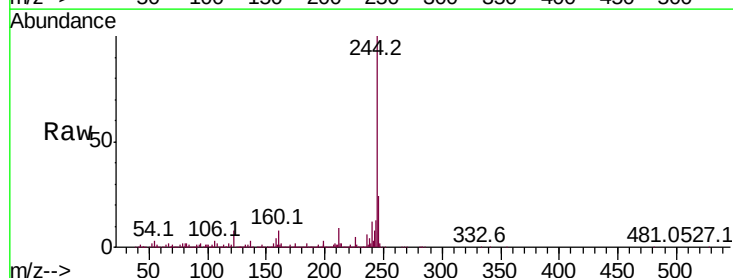
Delta R.T. -0.01 min

Lab File: BG042970.D

Acq: 1 Oct 2019 17:05

Tgt Ion:244 Resp: 1918131

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.0
122	7.8	7.0	10.4

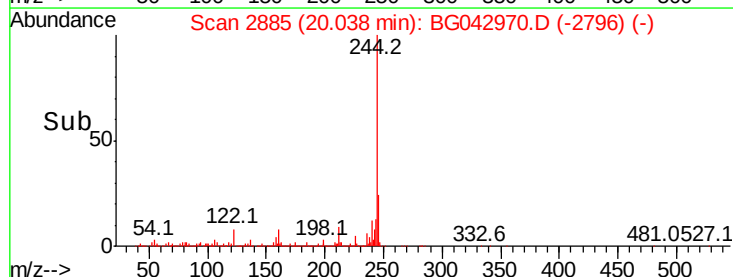
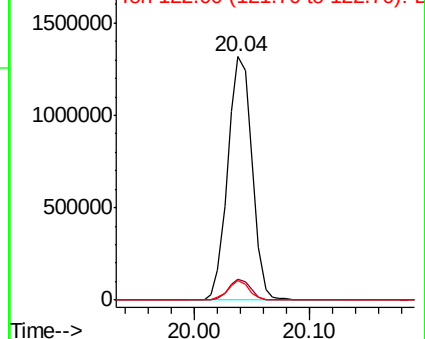


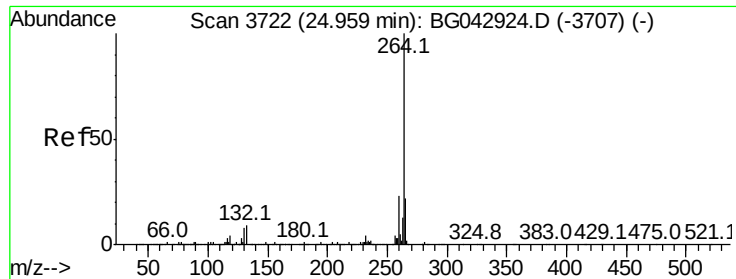
Abundance

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: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042970.D
Acq: 1 Oct 2019 17:05

Instrument :
BNA_G
ClientSampleId :
PB123514BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	17.7	26.5

