

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042974.D
 Acq On : 1 Oct 2019 19:38
 Operator : JU
 Sample : K5079-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Quant Time: Oct 02 01:47:23 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

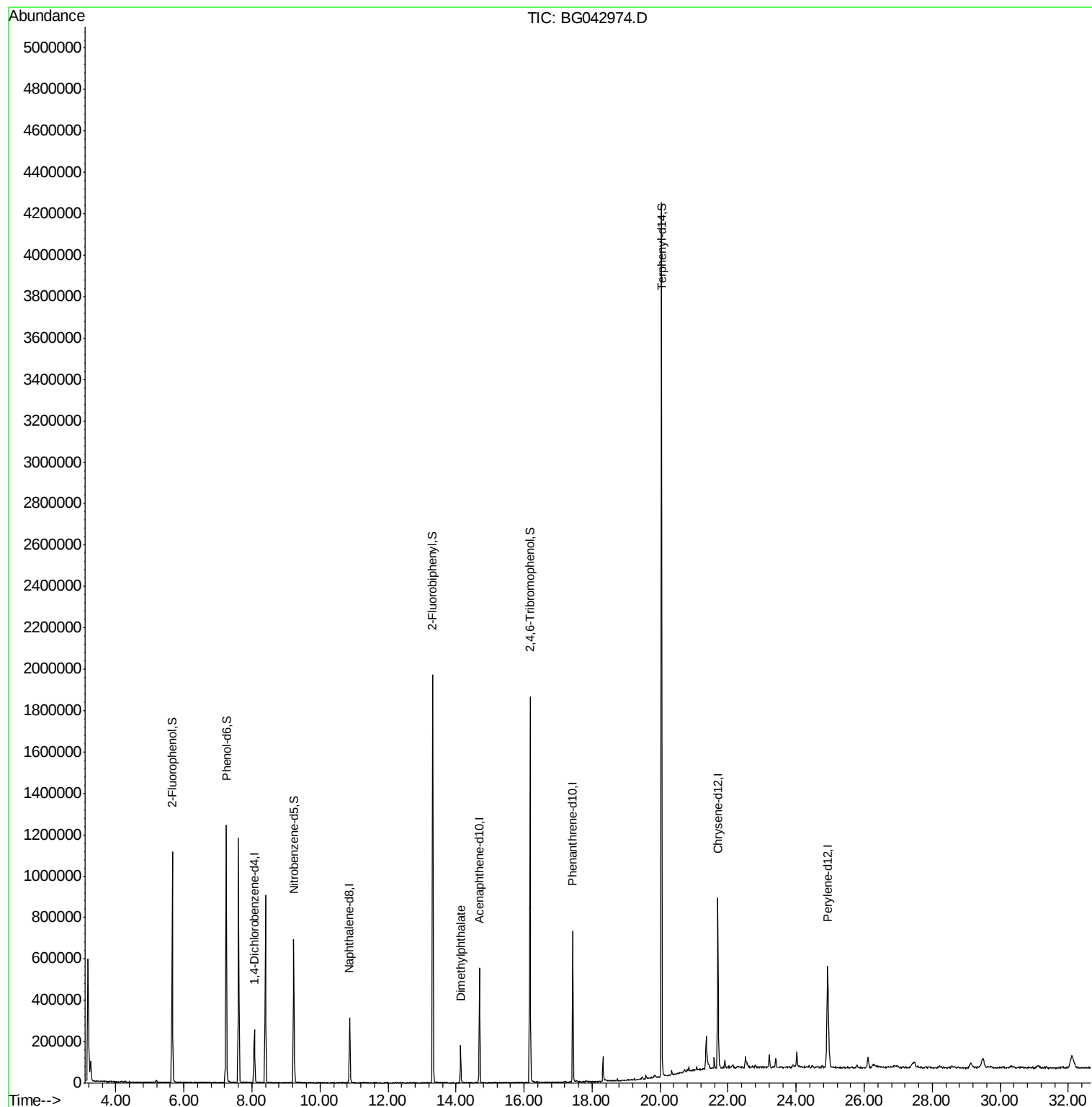
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	71654	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	272277	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	195232	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	466655	20.00	ng	0.00
76) Chrysene-d12	21.70	240	508004	20.00	ng	-0.02
87) Perylene-d12	24.93	264	589436	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	468073	116.58	ng	0.00
7) Phenol-d6	7.24	99	683397	118.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	430465	76.84	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	392013	116.77	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1077807	80.03	ng	0.00
79) Terphenyl-d14	20.04	244	1951204	81.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	120823	8.260	ng	Qvalue # 98

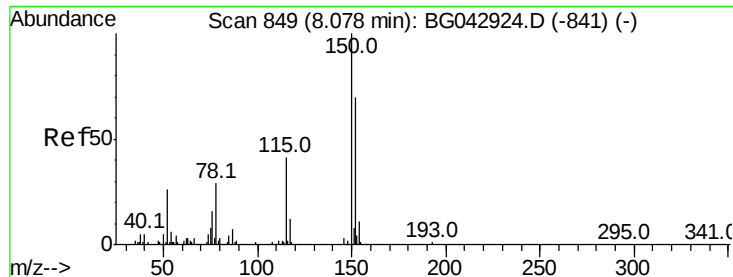
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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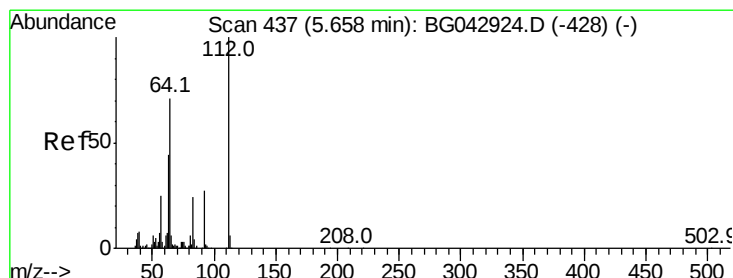
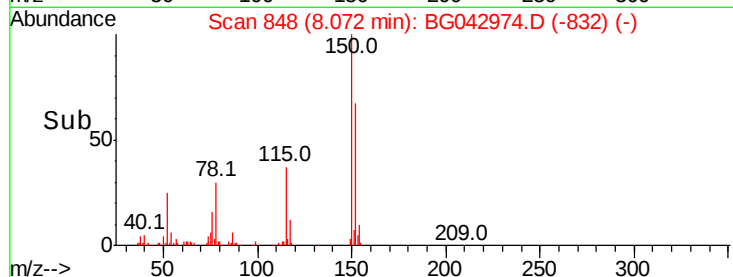
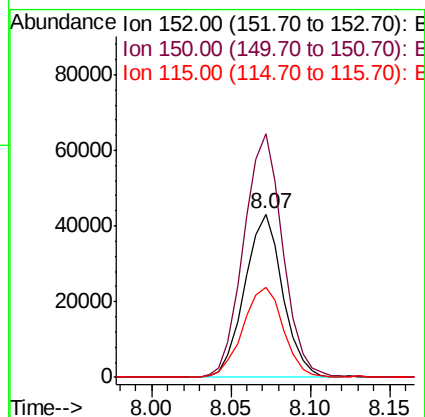
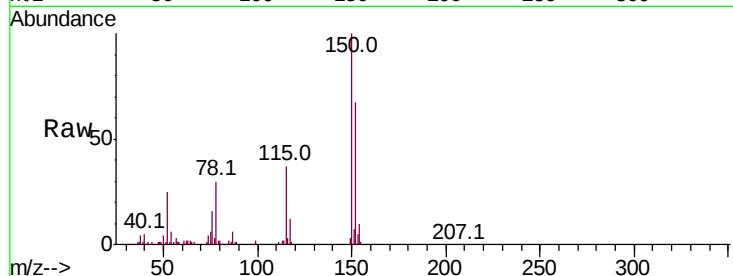


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042974.D
Acq: 1 Oct 2019 19:38

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

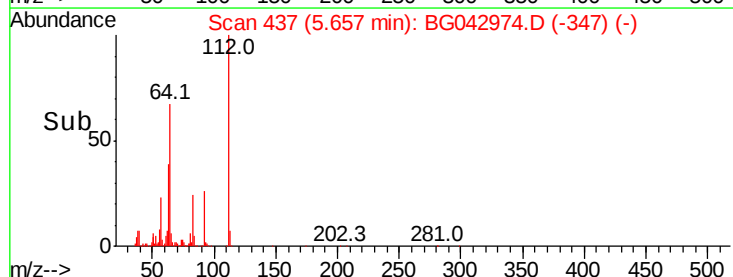
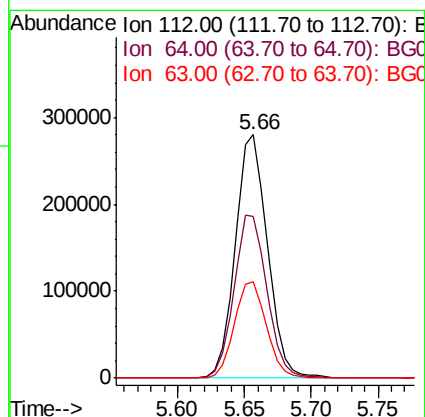
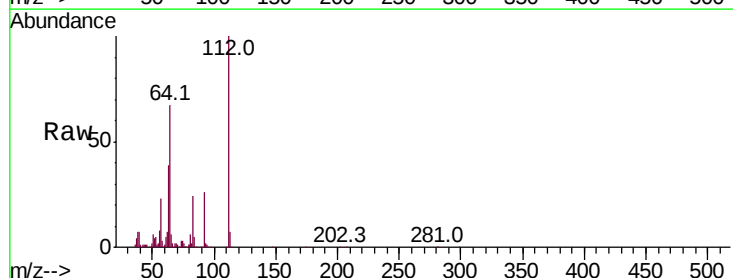
Tot Ion:152 Resp: 71654
Ion Ratio Lower Upper
152 100
150 149.2 115.0 172.4
115 55.1 47.0 70.6

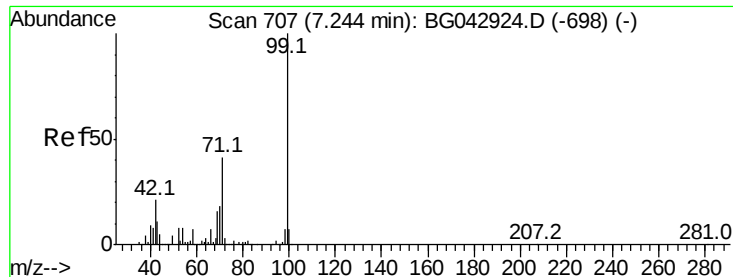


#5

2-Fluorophenol
Concen: 116.579 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042974.D
Acq: 1 Oct 2019 19:38

Tgt Ion:112 Resp: 468073
Ion Ratio Lower Upper
112 100
64 66.5 56.6 84.8
63 39.4 35.1 52.7





#7

Phenol-d6

Concen: 118.195 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042974.D

Acq: 1 Oct 2019 19:38

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

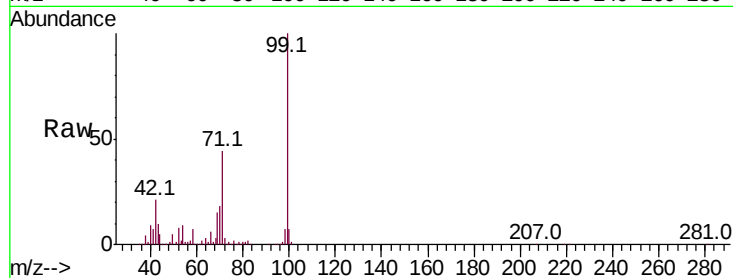
Tot Ion: 99 Resp: 683397

Ion Ratio Lower Upper

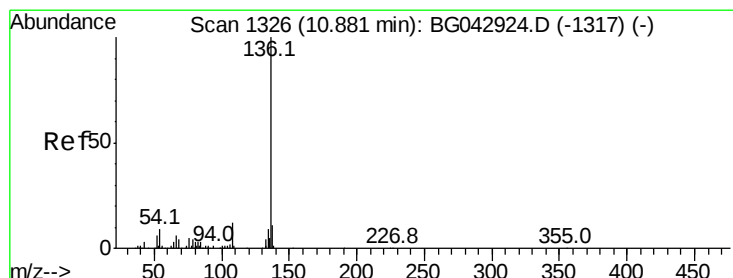
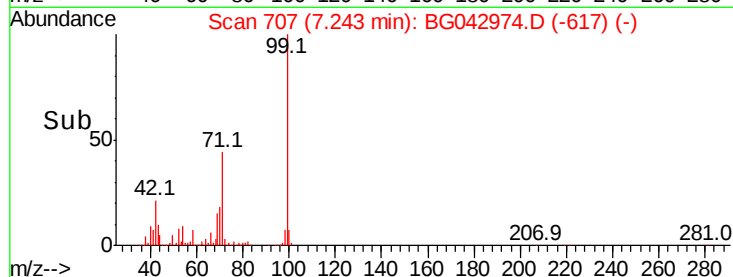
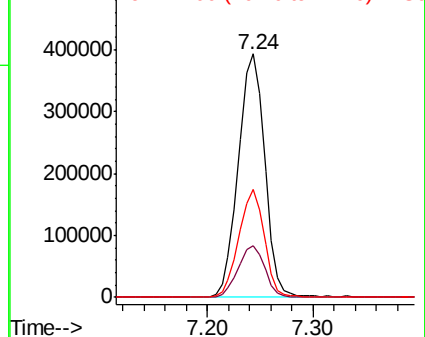
99 100

42 21.1 17.2 25.8

71 44.1 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: BG042974.D

Acq: 1 Oct 2019 19:38

Tgt Ion: 136 Resp: 272277

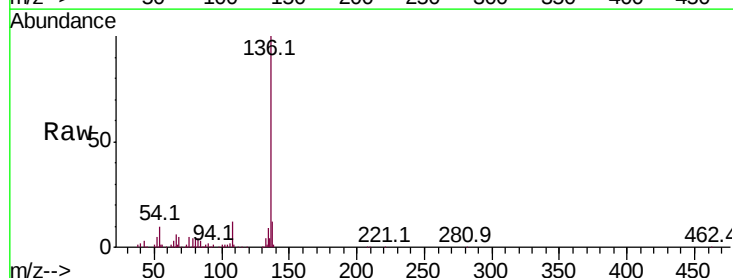
Ion Ratio Lower Upper

136 100

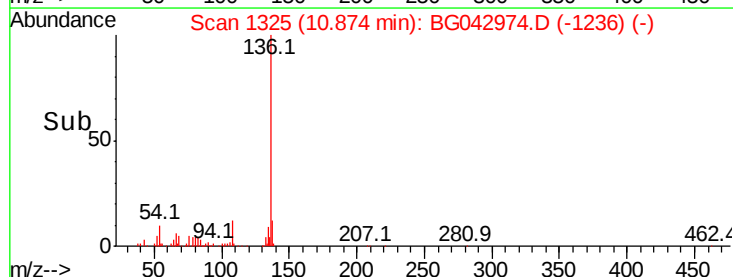
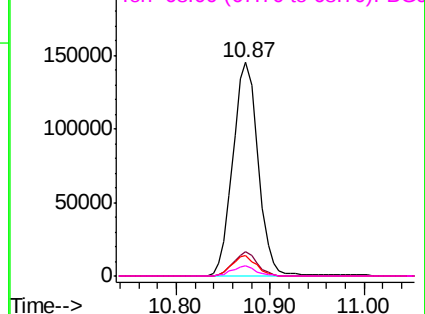
137 11.7 8.5 12.7

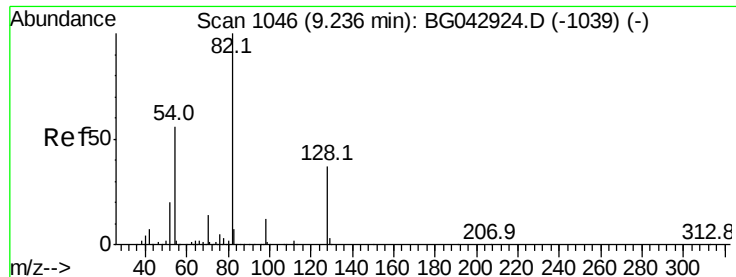
54 9.6 7.4 11.2

68 5.1 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

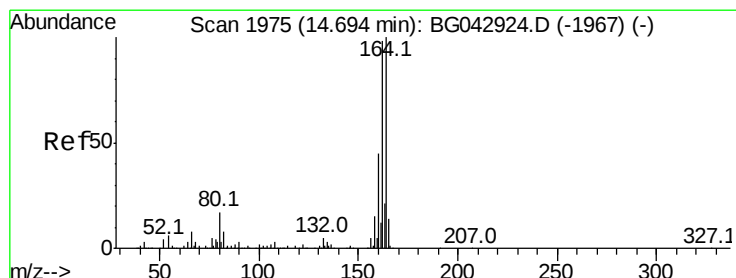
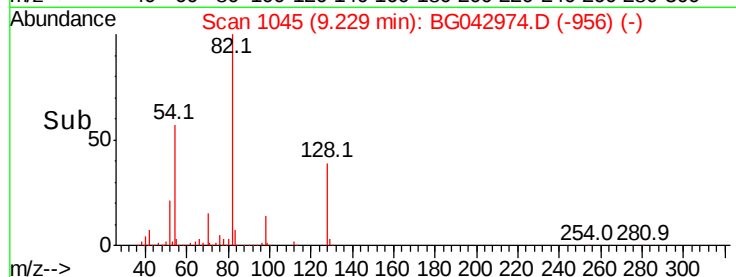
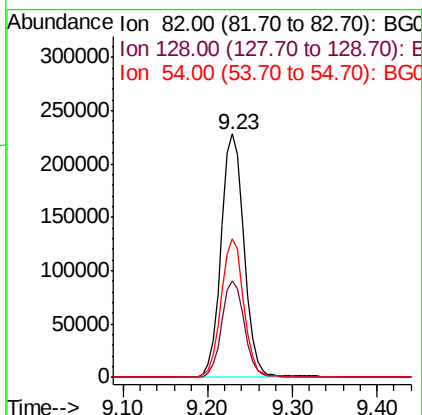
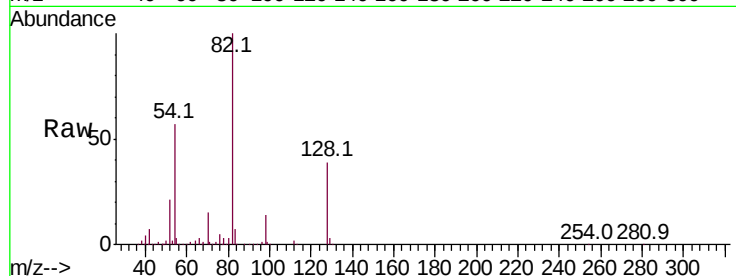




#23
Nitrobenzene-d5
Concen: 76.844 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042974.D
Acq: 1 Oct 2019 19:38

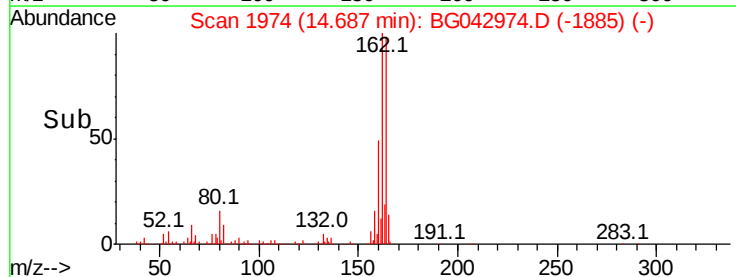
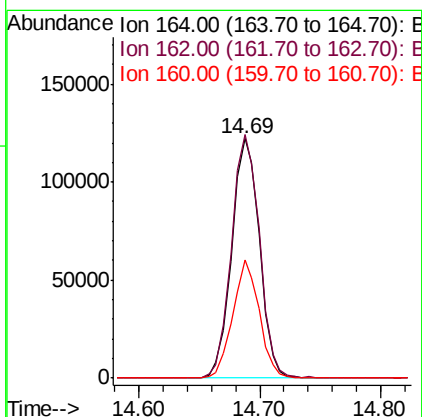
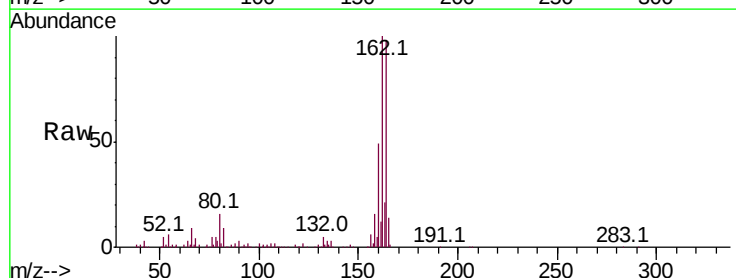
Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

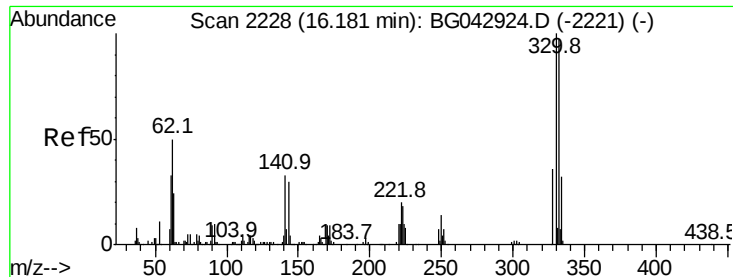
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.5	44.3
54	56.9	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042974.D
Acq: 1 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.5	117.7
160	49.4	35.9	53.9

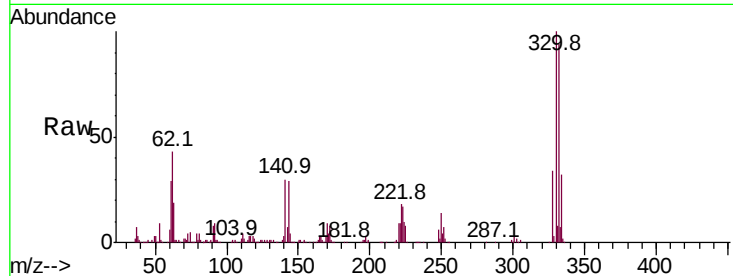




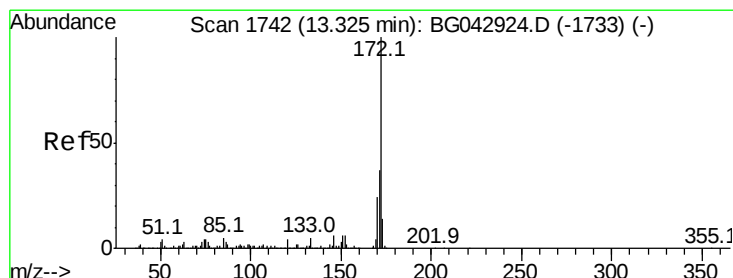
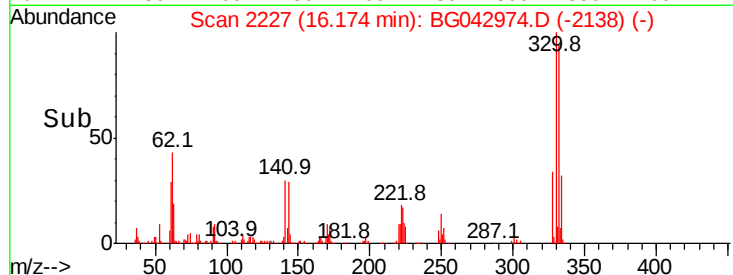
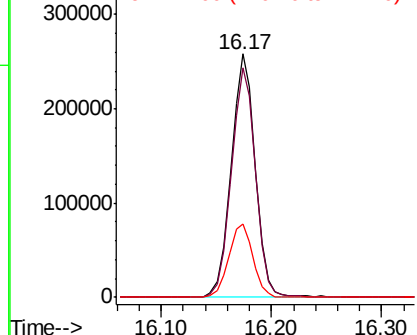
#42
 2,4,6-Tribromophenol
 Concen: 116.770 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042974.D
 Acq: 1 Oct 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:330 Resp: 392013
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 30.6 26.0 39.0

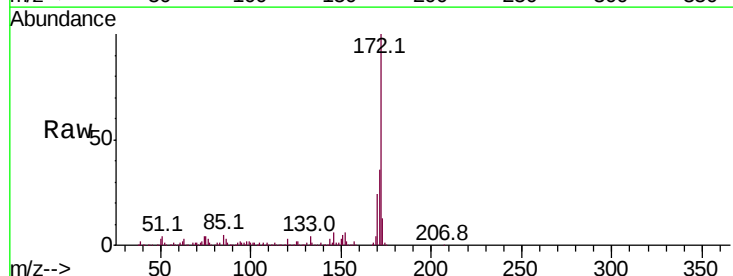


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

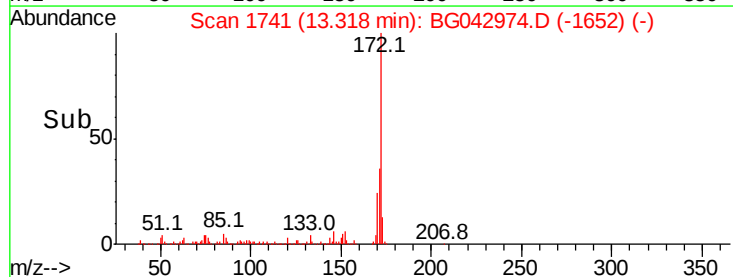
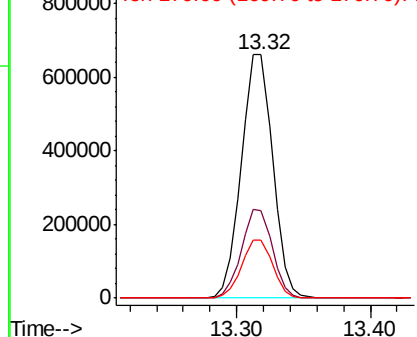


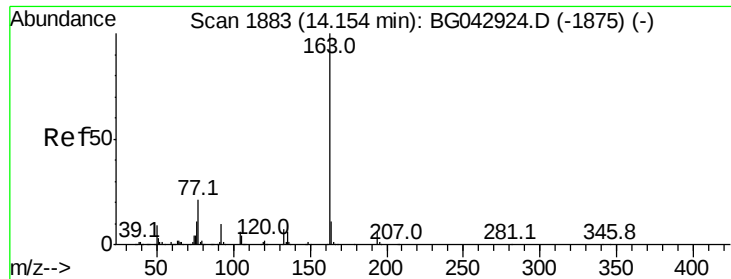
#45
 2-Fluorobiphenyl
 Concen: 80.033 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042974.D
 Acq: 1 Oct 2019 19:38

Tgt Ion:172 Resp: 1077807
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 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

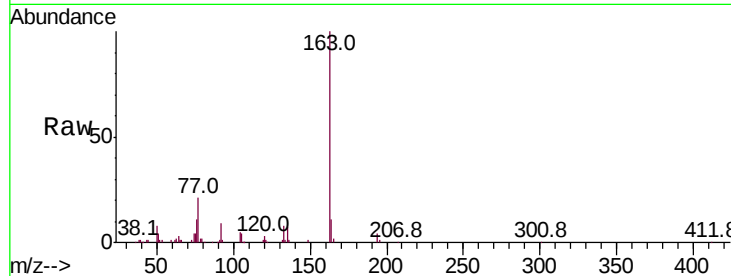




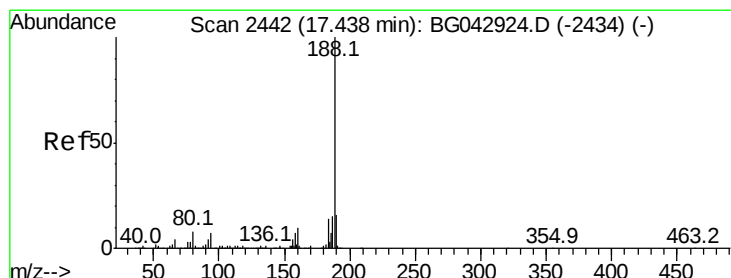
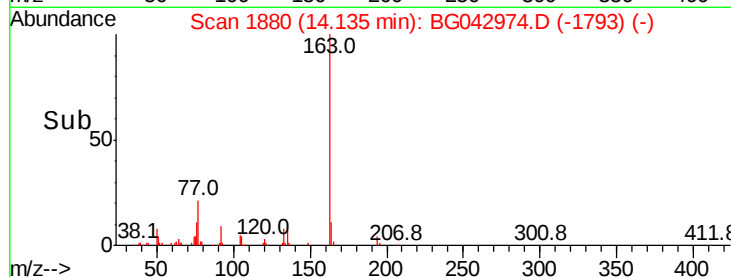
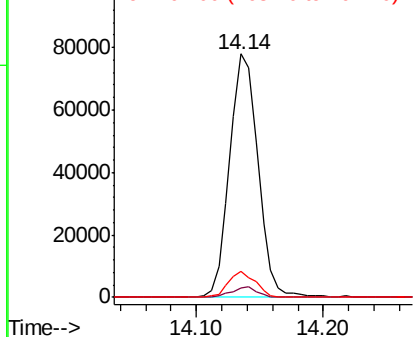
#50
Dimethylphthalate
Concen: 8.260 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042974.D
Acq: 1 Oct 2019 19:38

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tot Ion:163 Resp: 120823
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.9 8.6 12.8

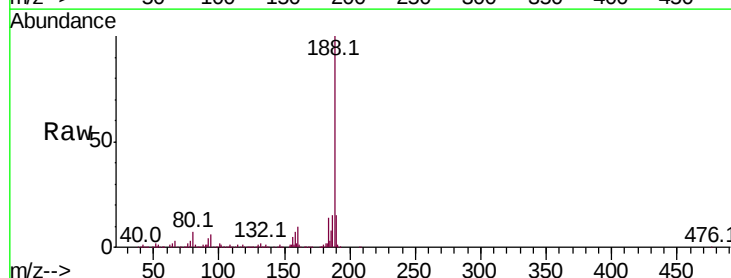


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

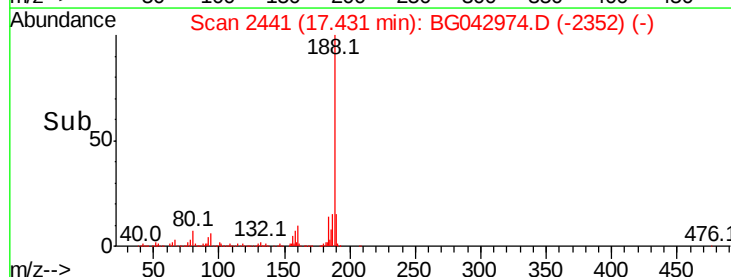
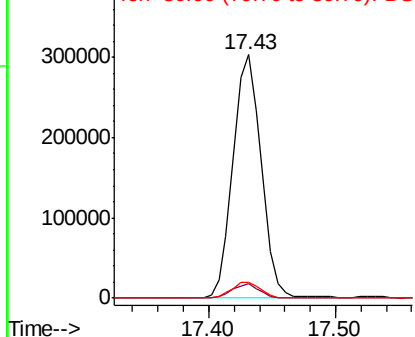


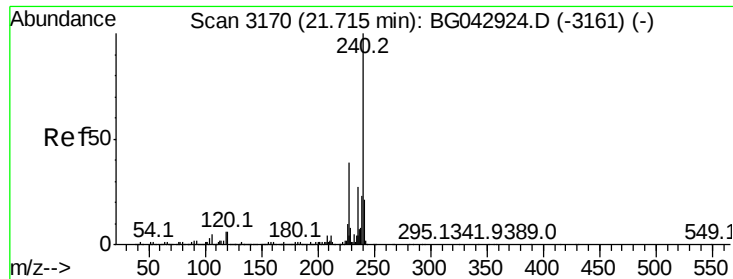
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042974.D
Acq: 1 Oct 2019 19:38

Tgt Ion:188 Resp: 466655
Ion Ratio Lower Upper
188 100
94 5.7 5.7 8.5
80 6.6 6.5 9.7



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042974.D

Acq: 1 Oct 2019 19:38

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

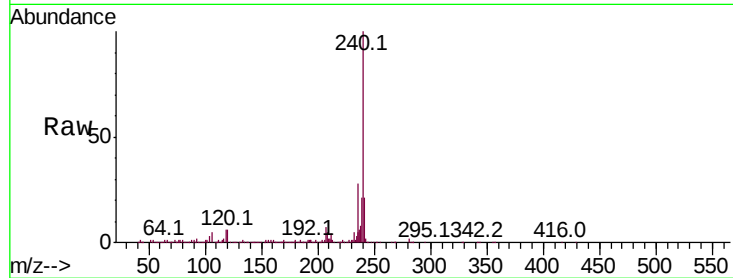
Tot Ion:240 Resp: 508004

Ion Ratio Lower Upper

240 100

120 6.3 4.8 7.2

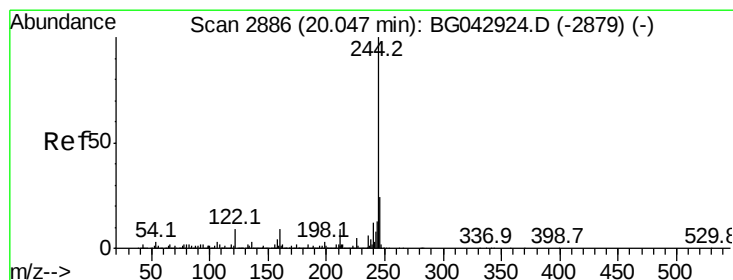
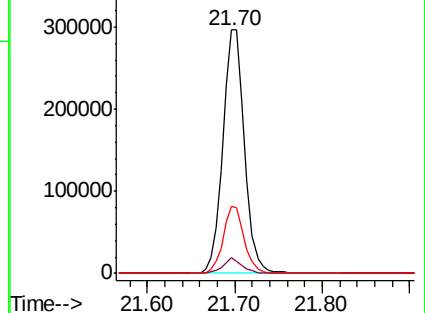
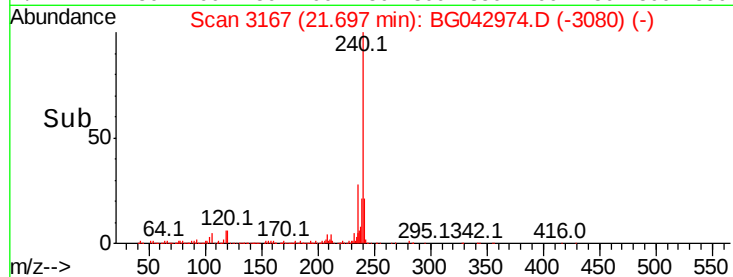
236 27.6 21.4 32.0



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: 81.845 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042974.D

Acq: 1 Oct 2019 19:38

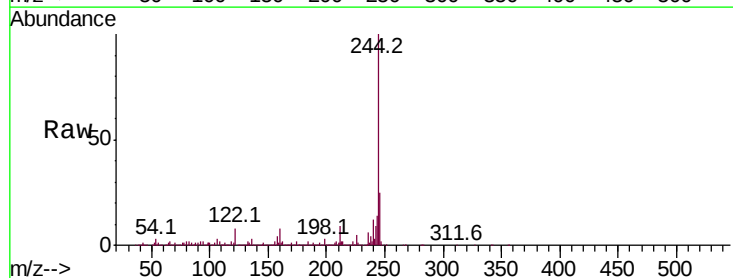
Tgt Ion:244 Resp: 1951204

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

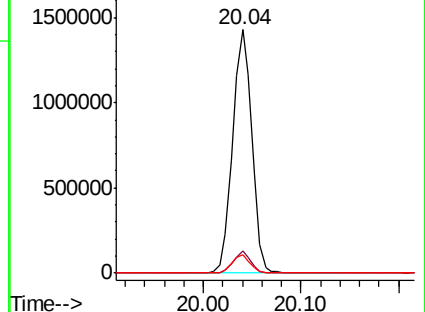
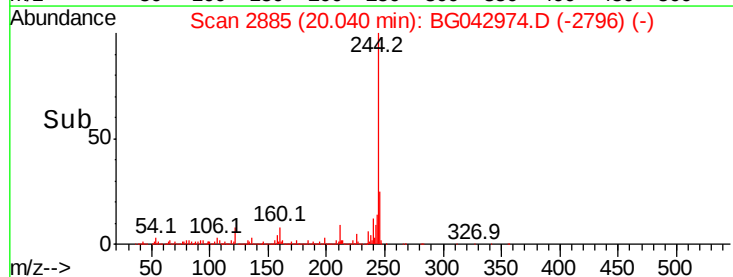
122 7.6 7.0 10.4

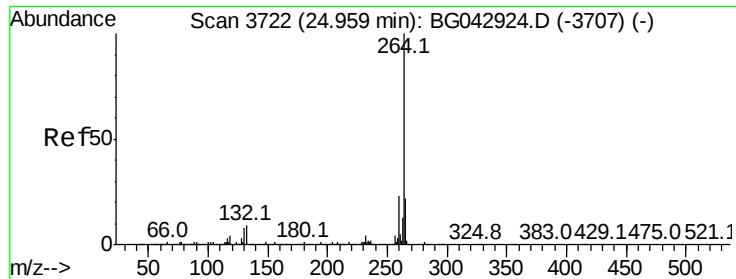


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG042974.D
 Acq: 1 Oct 2019 19:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	17.7	26.5

