

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043049.D
 Acq On : 5 Oct 2019 11:05
 Operator : JU
 Sample : PB123594BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

Quant Time: Oct 07 08:42:47 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

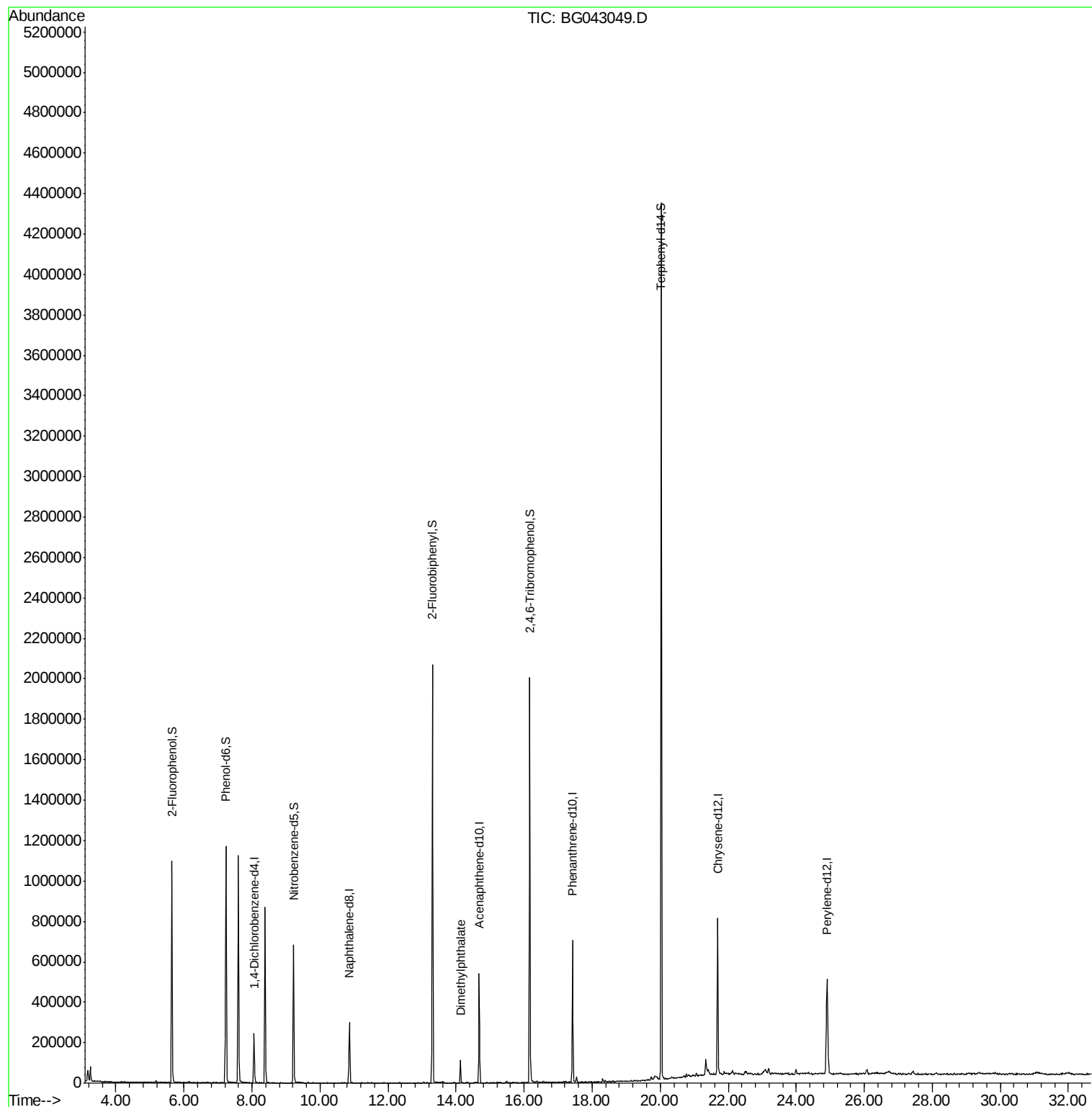
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70326	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	259776	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	189038	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	442524	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	475320	20.00	ng	-0.03
87) Perylene-d12	24.90	264	537105	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	475302	120.61	ng	-0.01
7) Phenol-d6	7.24	99	682305	120.23	ng	0.00
23) Nitrobenzene-d5	9.22	82	425741	79.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	431898	132.87	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1120479	85.93	ng	-0.02
79) Terphenyl-d14	20.03	244	2107915	94.50	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.13	163	76452	5.398	ng	Qvalue 98

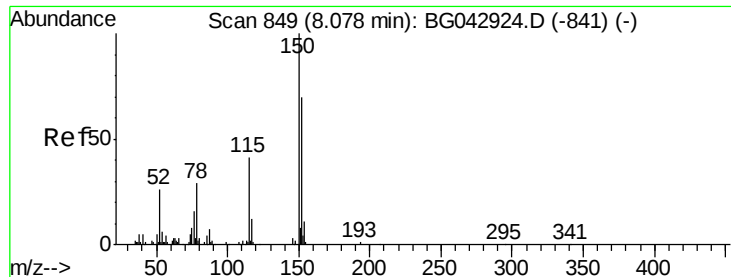
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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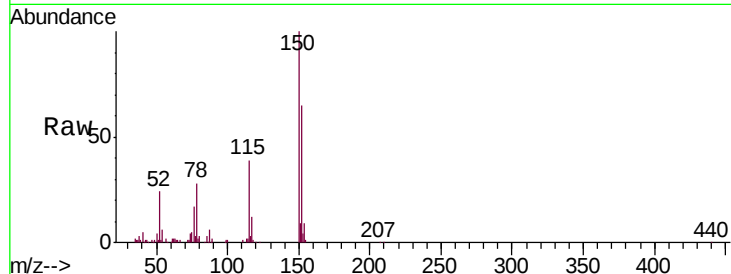


#1

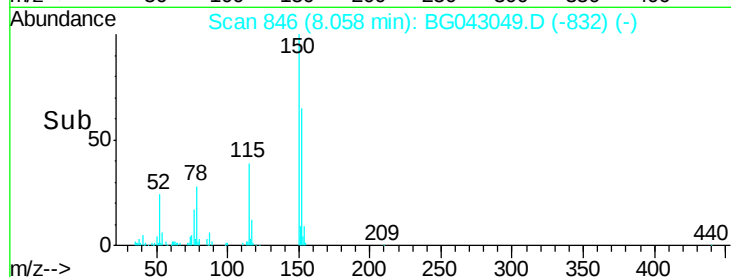
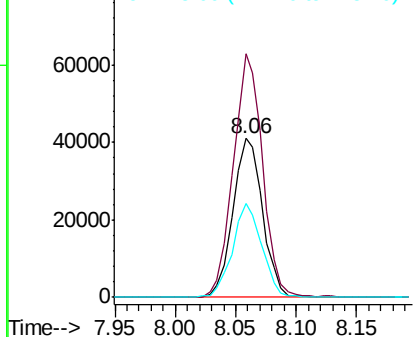
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB123594BL

Tgt Ion:152 Resp: 70326
Ion Ratio Lower Upper
152 100
150 153.2 115.0 172.4
115 59.0 47.0 70.6



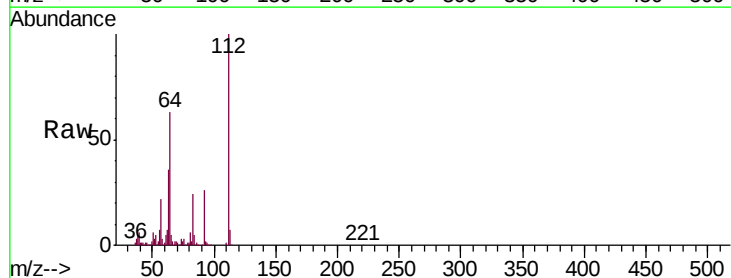
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



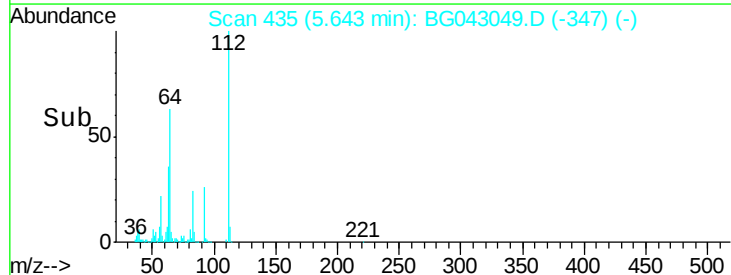
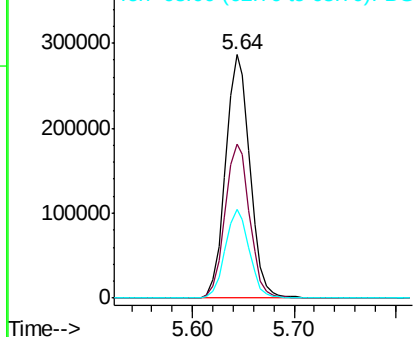
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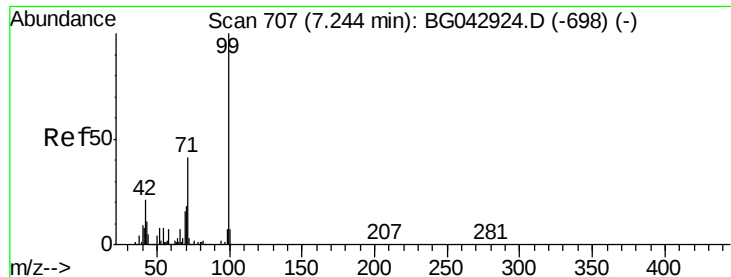
2-Fluorophenol
Concen: 120.615 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

Tgt Ion:112 Resp: 475302
Ion Ratio Lower Upper
112 100
64 63.3 56.6 84.8
63 36.2 35.1 52.7



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: 120.234 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043049.D

Acq: 5 Oct 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB123594BL

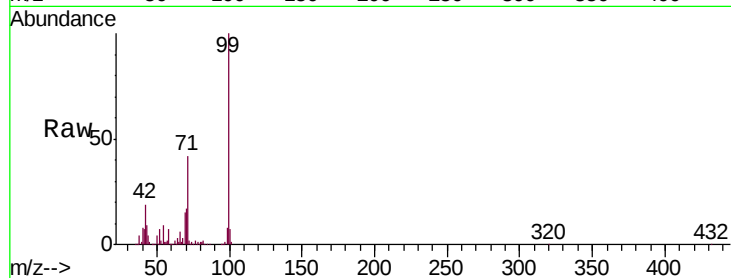
Tgt Ion: 99 Resp: 682305

Ion Ratio Lower Upper

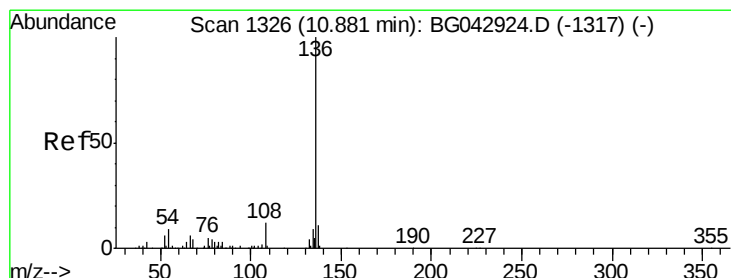
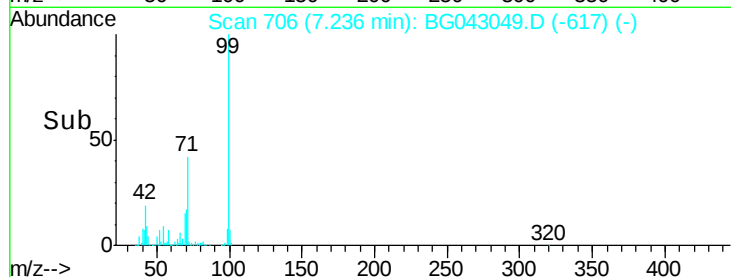
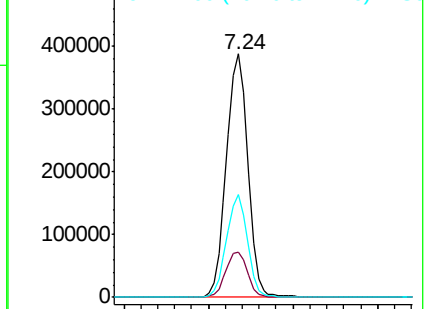
99 100

42 18.7 17.2 25.8

71 42.0 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# 1324

Delta R.T. -0.01 min

Lab File: BG043049.D

Acq: 5 Oct 2019 11:05

Tgt Ion: 136 Resp: 259776

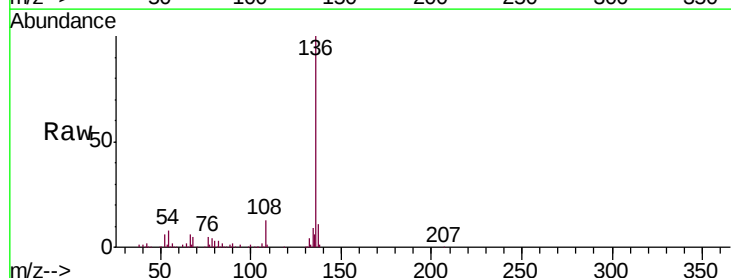
Ion Ratio Lower Upper

136 100

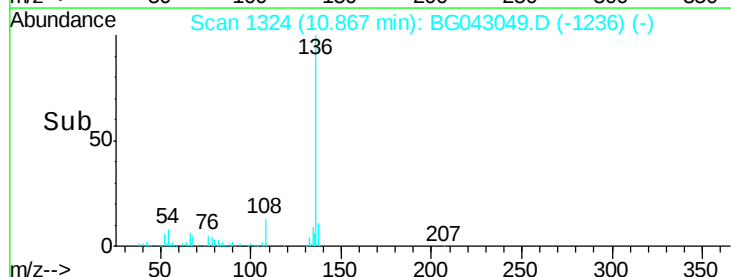
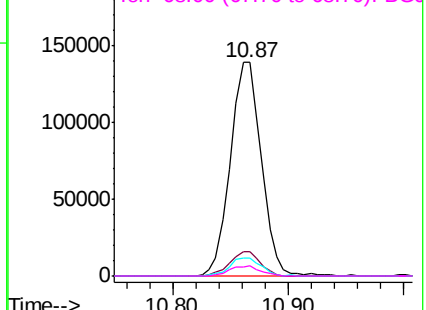
137 11.2 8.5 12.7

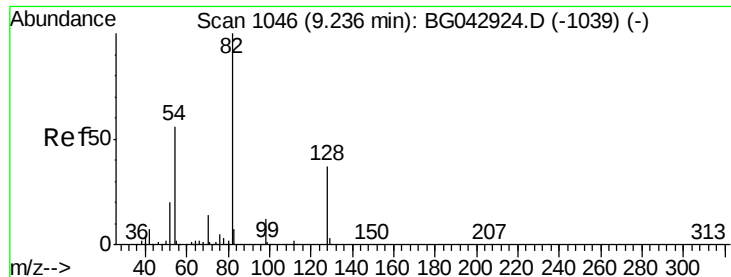
54 8.2 7.4 11.2

68 4.6 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

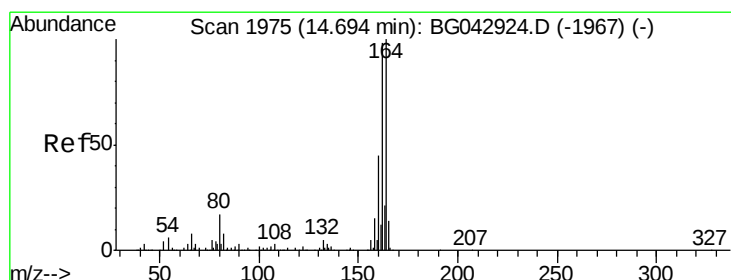
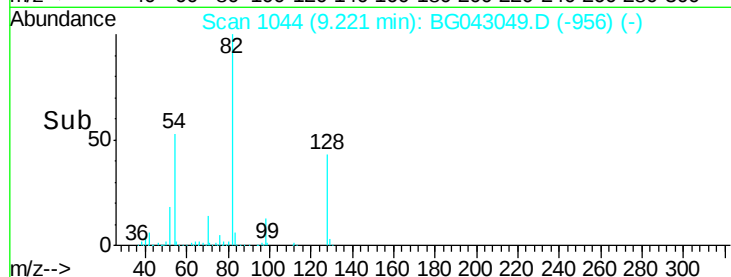
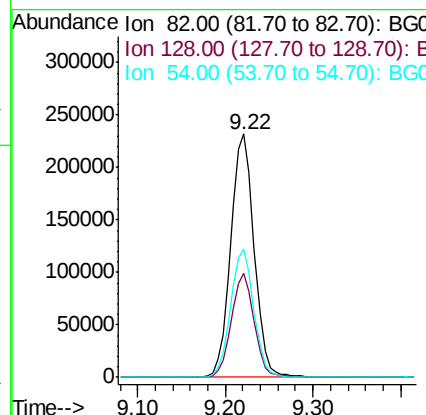
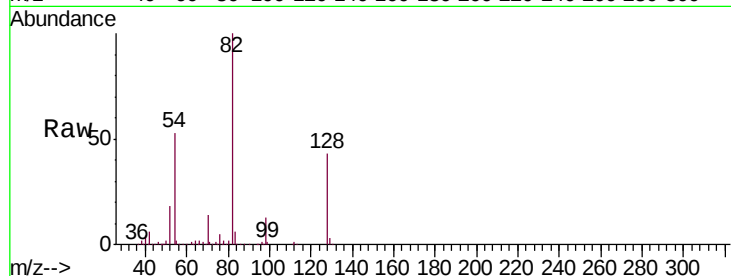




#23
 Nitrobenzene-d5
 Concen: 79.658 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043049.D
 Acq: 5 Oct 2019 11:05

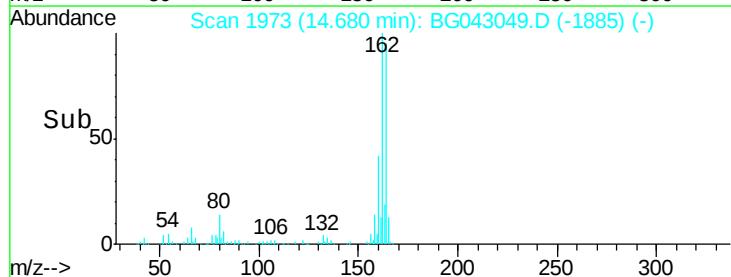
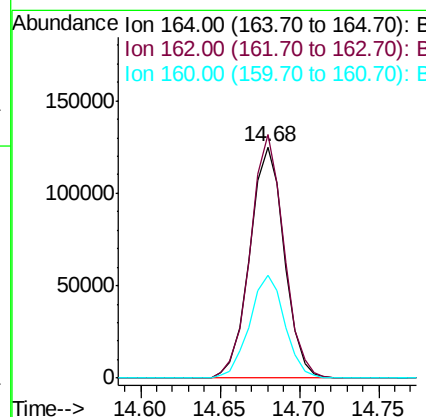
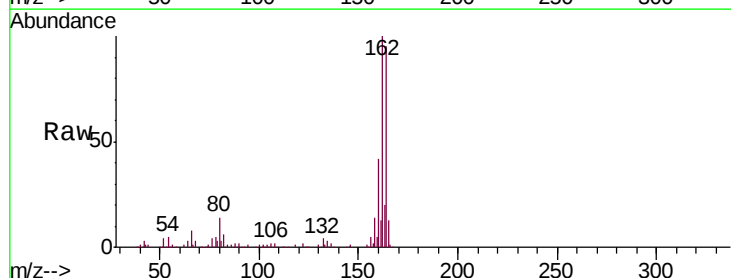
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

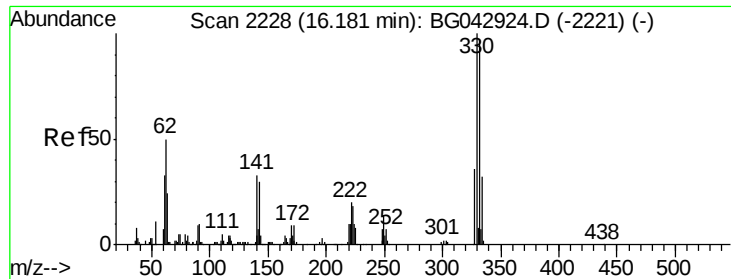
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.5	44.3
54	52.9	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG043049.D
 Acq: 5 Oct 2019 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.5	117.7
160	44.5	35.9	53.9

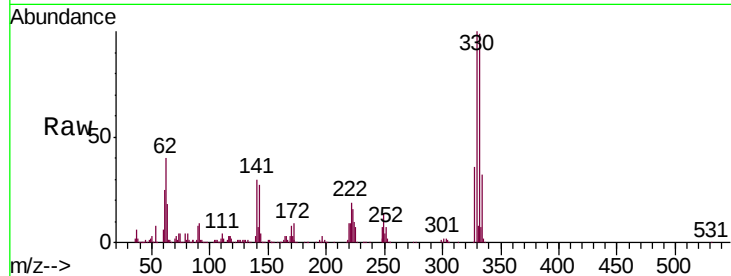




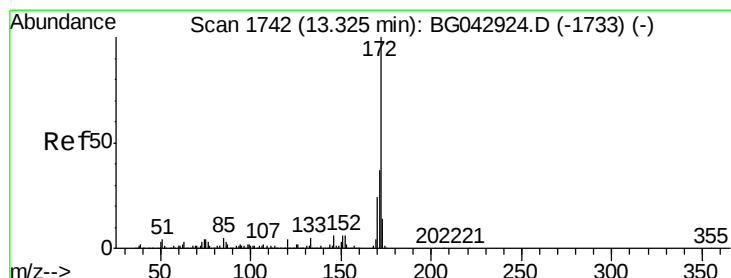
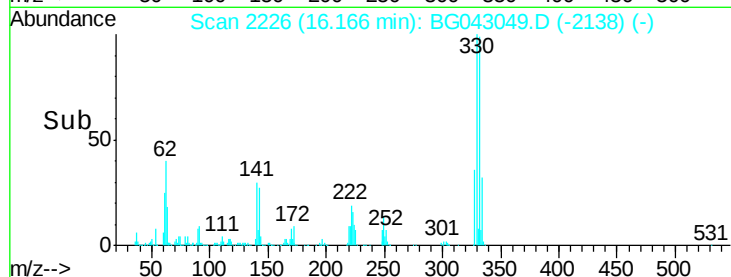
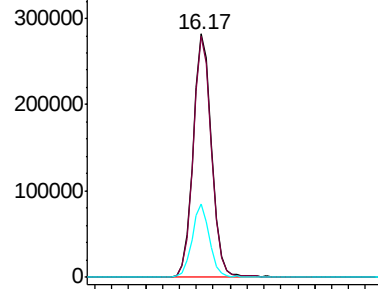
#42
 2,4,6-Tribromophenol
 Concen: 132.866 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043049.D
 Acq: 5 Oct 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

Tgt Ion:330 Resp: 431898
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 28.8 26.0 39.0

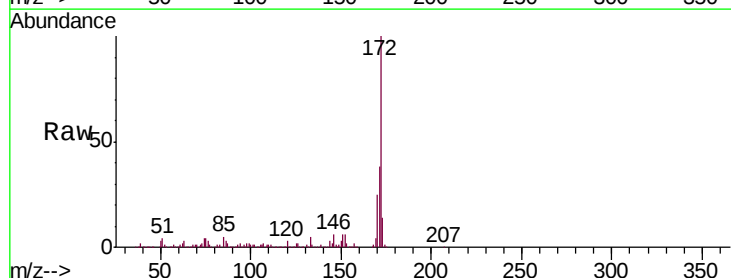


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

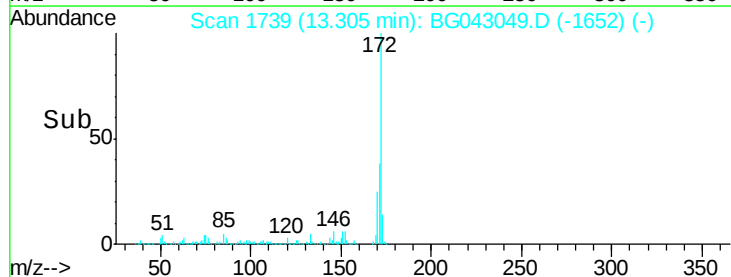
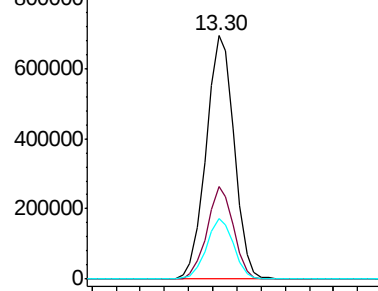


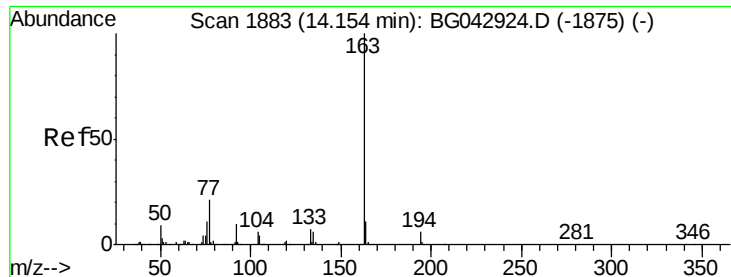
#45
 2-Fluorobiphenyl
 Concen: 85.927 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043049.D
 Acq: 5 Oct 2019 11:05

Tgt Ion:172 Resp: 1120479
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.6 44.4
 170 25.0 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

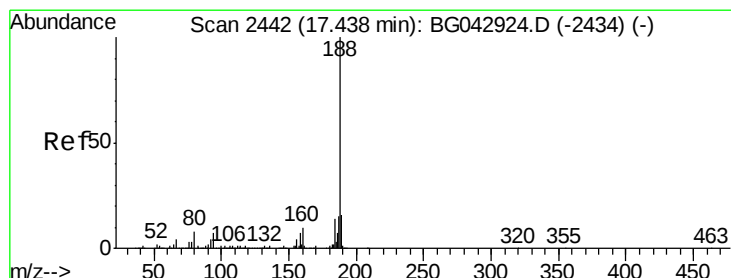
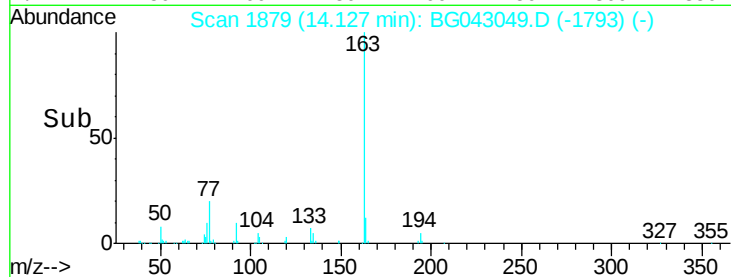
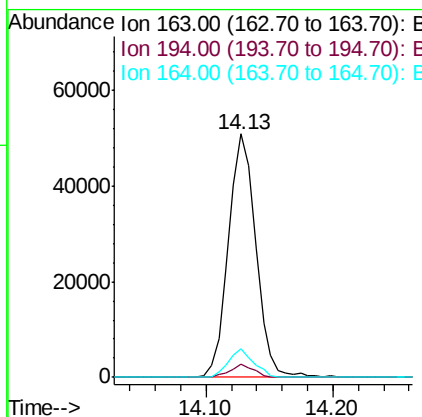
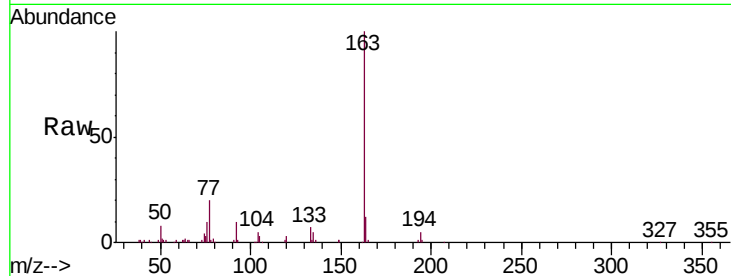




#50
Dimethylphthalate
Concen: 5.398 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

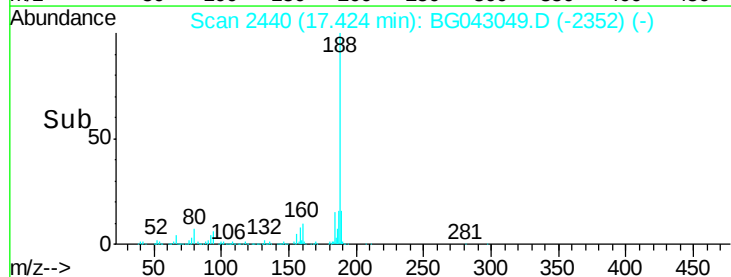
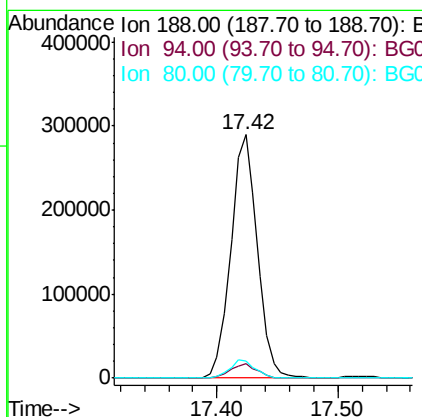
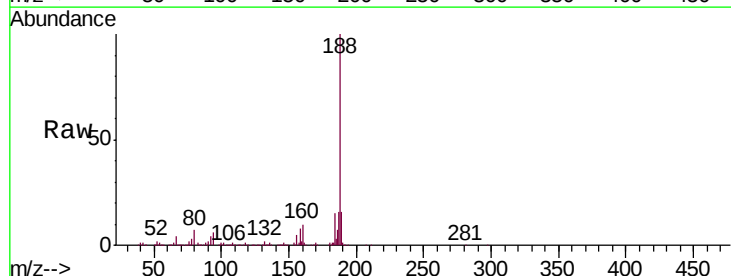
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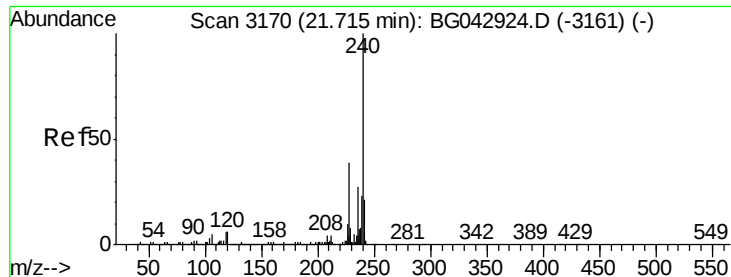
Tgt Ion:163 Resp: 76452
Ion Ratio Lower Upper
163 100
194 5.2 4.4 6.6
164 11.5 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

Tgt Ion:188 Resp: 442524
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 7.1 6.5 9.7

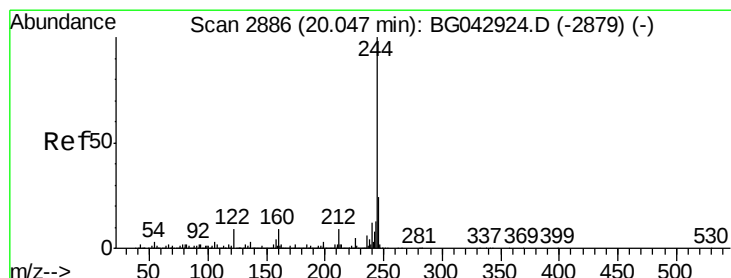
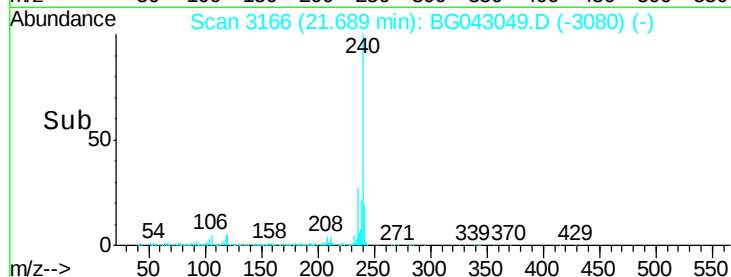
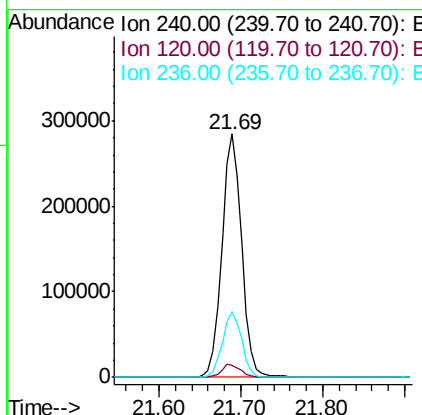
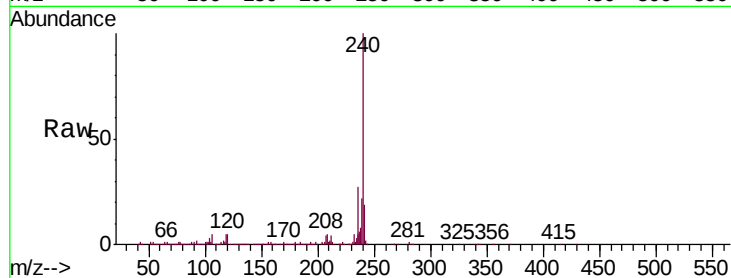




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

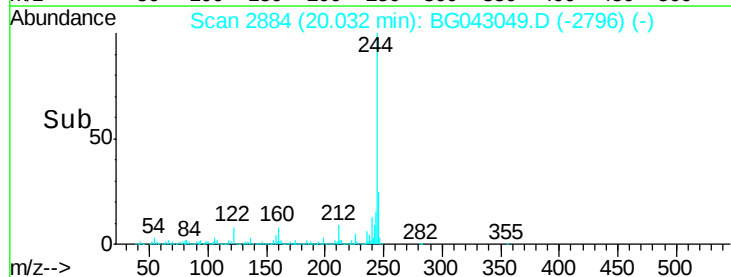
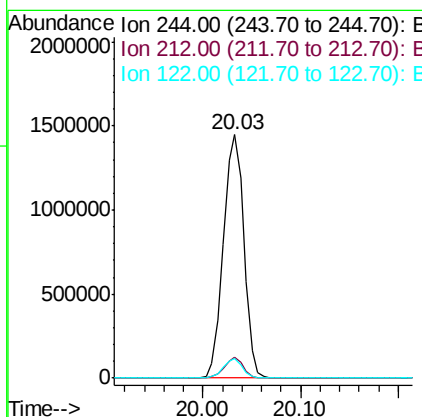
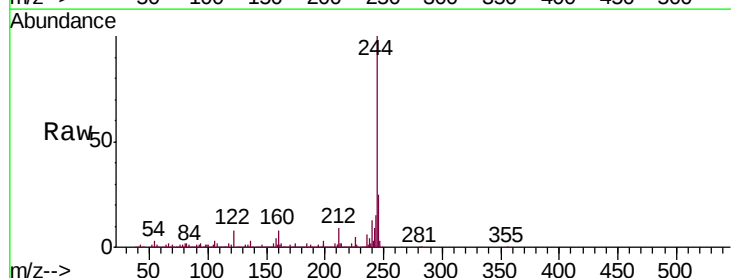
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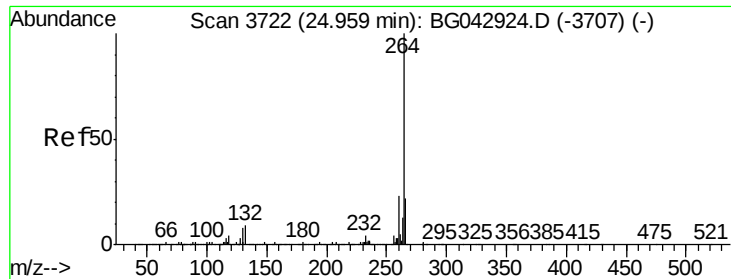
Tgt Ion:240 Resp: 475320
Ion Ratio Lower Upper
240 100
120 5.0 4.8 7.2
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 94.499 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

Tgt Ion:244 Resp: 2107915
Ion Ratio Lower Upper
244 100
212 8.6 7.4 11.0
122 8.2 7.0 10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3713
Delta R.T. -0.06 min
Lab File: BG043049.D
Acq: 5 Oct 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB123594BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	23.0	17.7	26.5

