

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043067.D
 Acq On : 7 Oct 2019 14:41
 Operator : JU
 Sample : PB123594BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

Quant Time: Oct 08 02:05:07 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

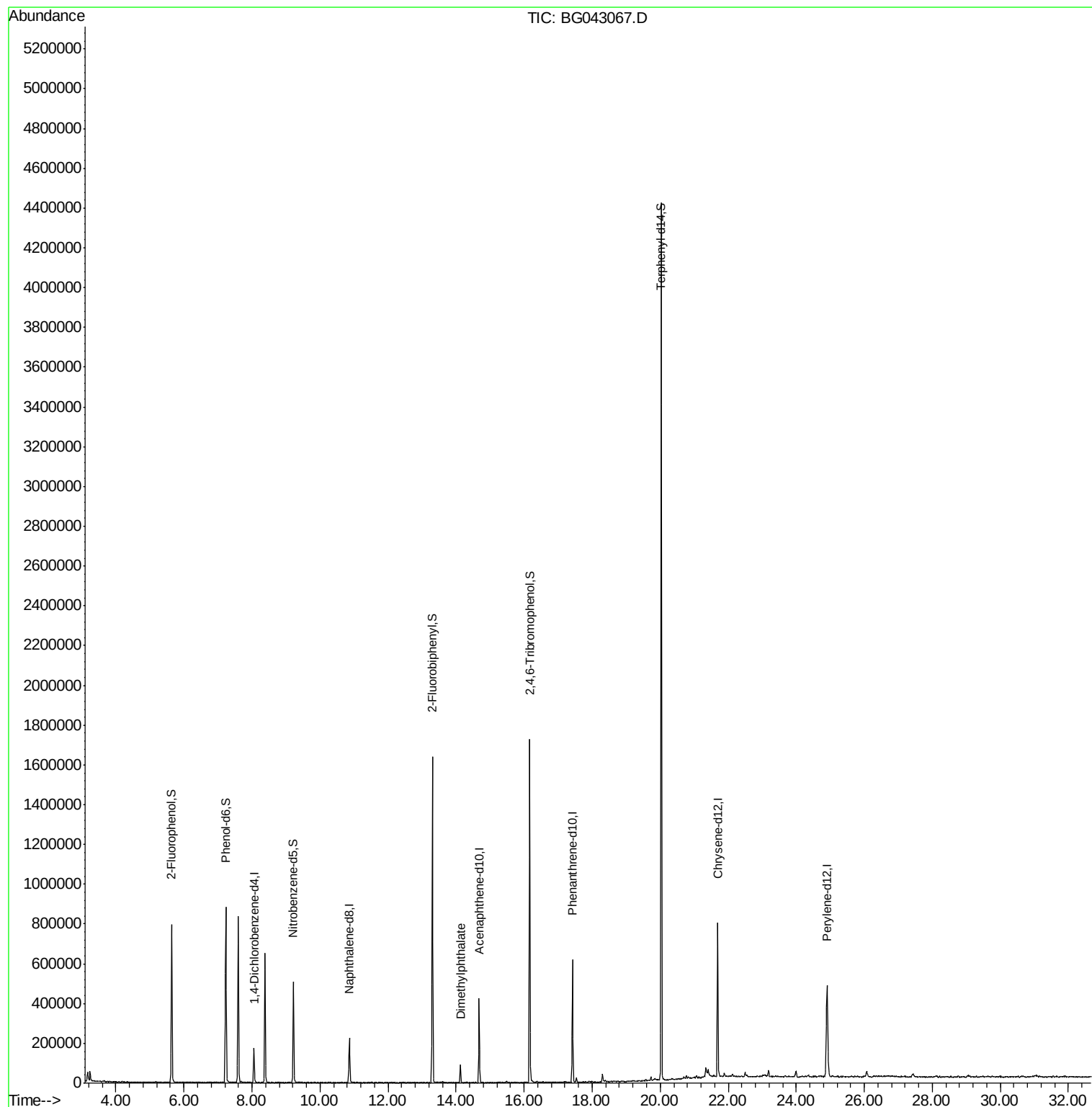
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49753	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	193221	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	151806	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	406613	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	465808	20.00	ng	-0.03
87) Perylene-d12	24.91	264	524088	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	338734	121.50	ng	-0.02
7) Phenol-d6	7.23	99	507157	126.32	ng	-0.01
23) Nitrobenzene-d5	9.22	82	312716	78.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	390239	149.49	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	881492	84.18	ng	-0.02
79) Terphenyl-d14	20.03	244	2104010	96.25	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.13	163	64798	5.697	ng	Qvalue 98

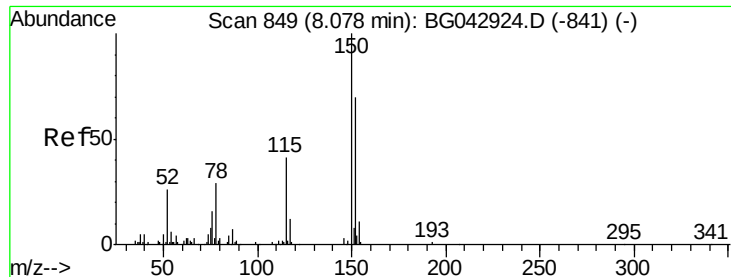
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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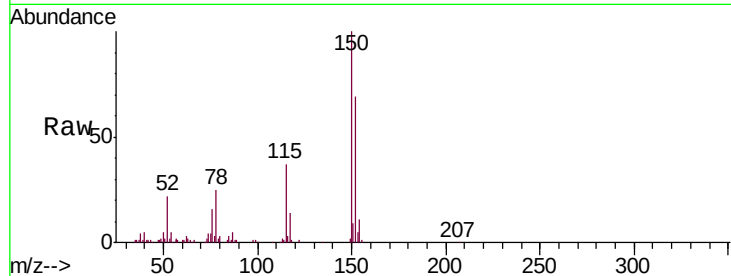


#1

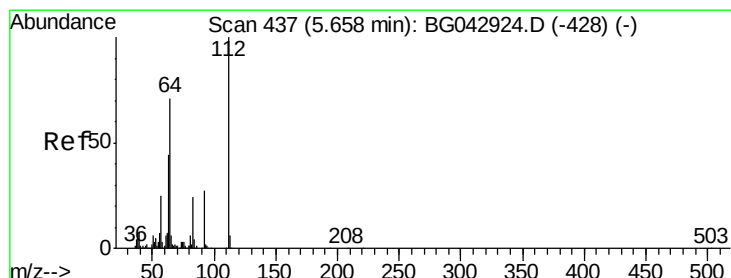
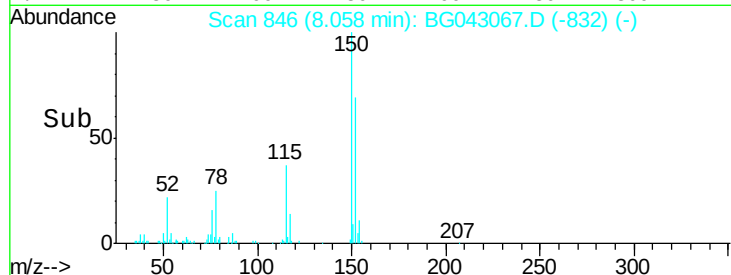
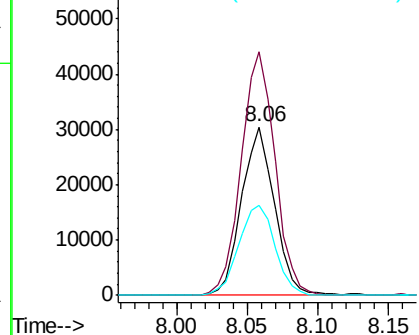
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043067.D
Acq: 7 Oct 2019 14:41

Instrument :
BNA_G
ClientSampleId :
PB123594BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.4	115.0	172.4
115	53.5	47.0	70.6



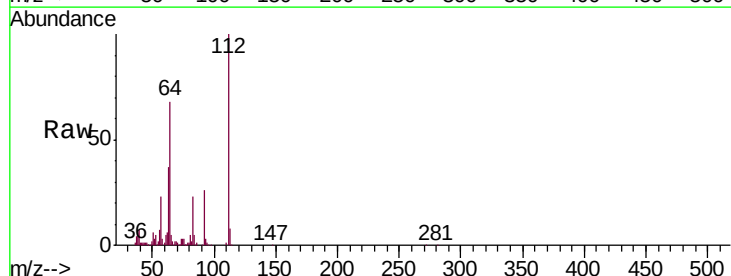
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



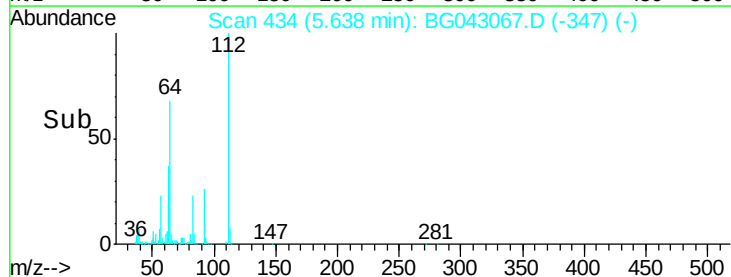
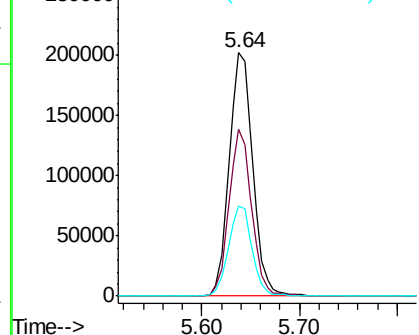
#5

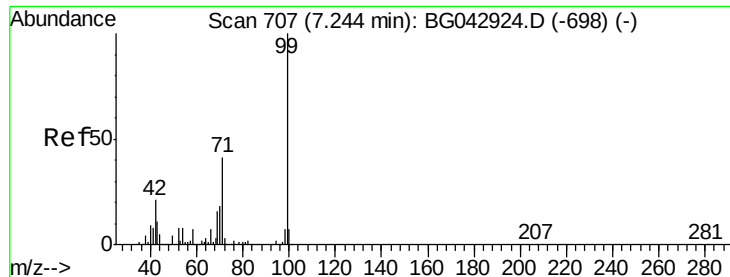
2-Fluorophenol
Concen: 121.503 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043067.D
Acq: 7 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.6	84.8
63	37.2	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: 126.325 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043067.D

Acq: 7 Oct 2019 14:41

Instrument :

BNA_G

ClientSampleId :

PB123594BL

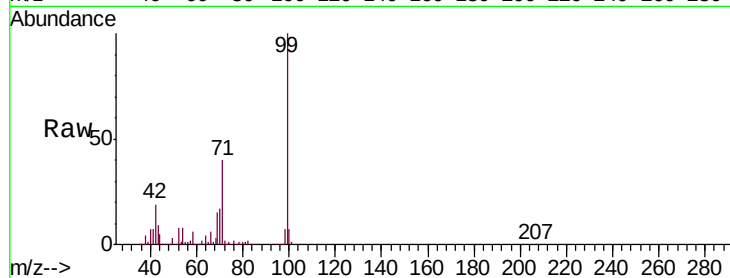
Tgt Ion: 99 Resp: 507157

Ion Ratio Lower Upper

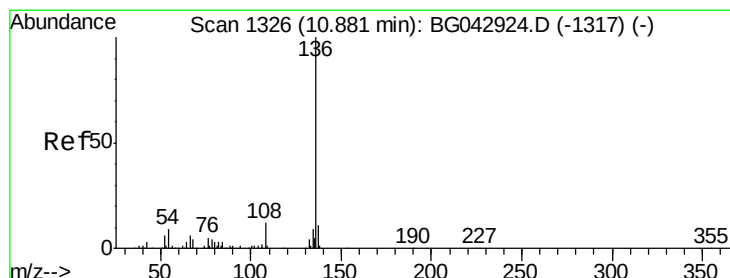
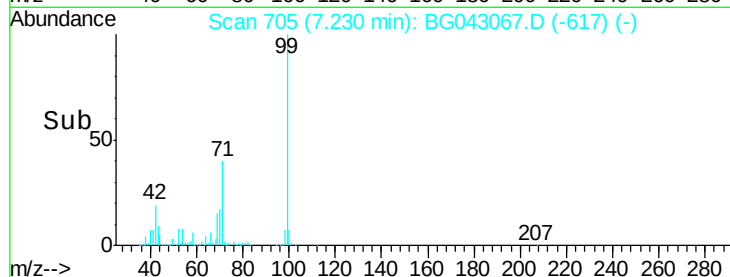
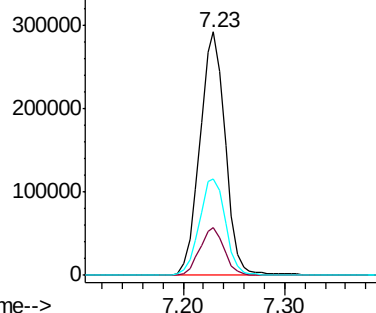
99 100

42 19.4 17.2 25.8

71 39.8 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043067.D

Acq: 7 Oct 2019 14:41

Tgt Ion: 136 Resp: 193221

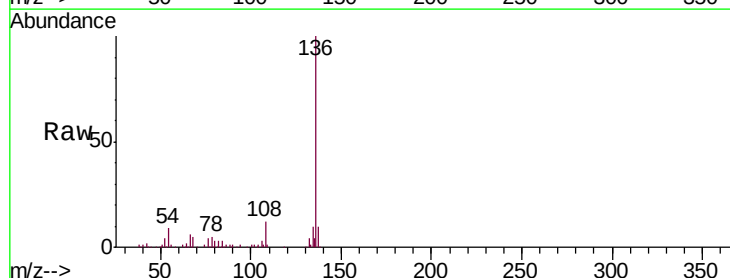
Ion Ratio Lower Upper

136 100

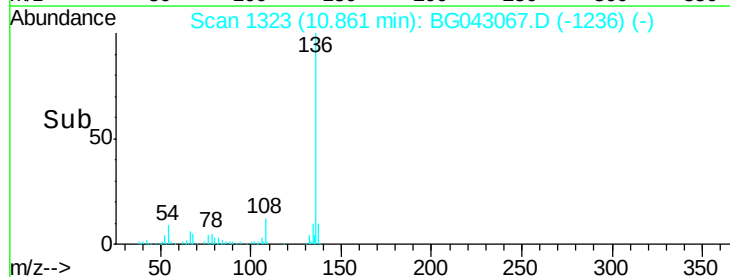
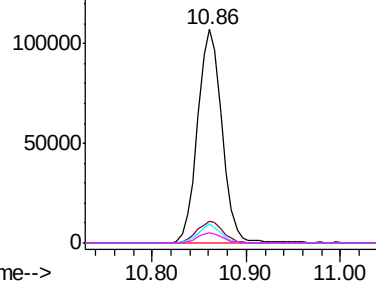
137 10.5 8.5 12.7

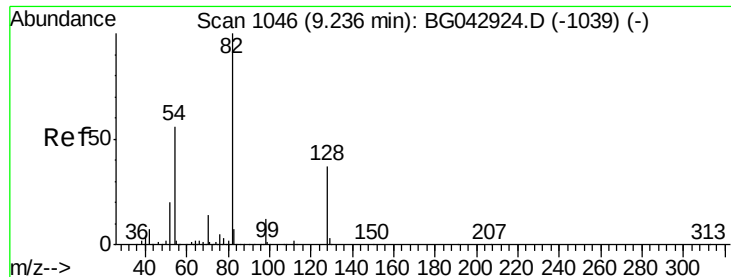
54 8.8 7.4 11.2

68 4.7 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

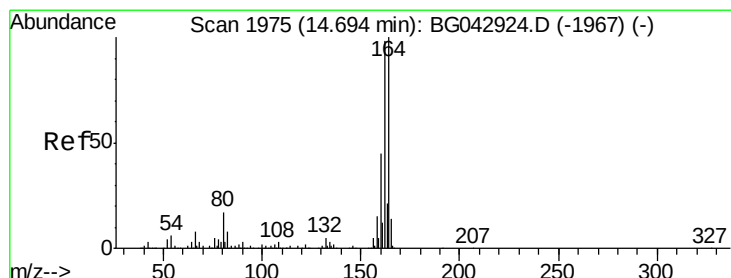
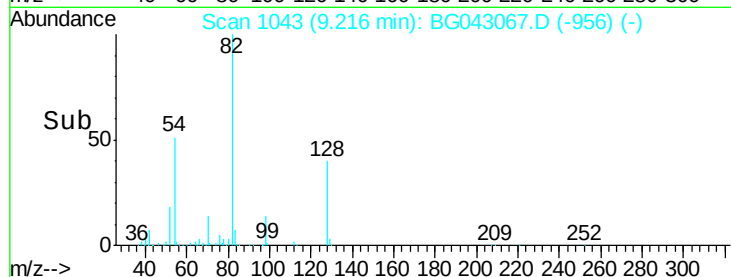
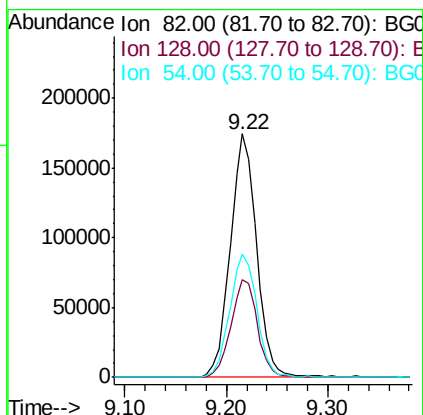
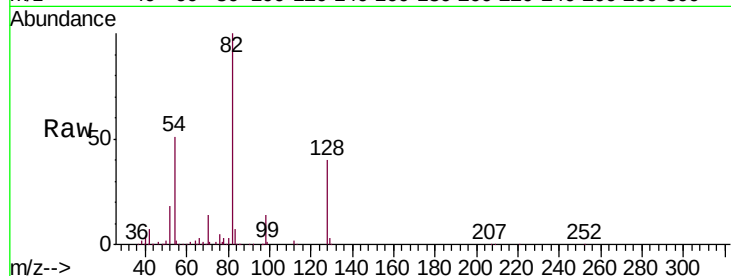




#23
 Nitrobenzene-d5
 Concen: 78.664 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BG043067.D
 Acq: 7 Oct 2019 14:41

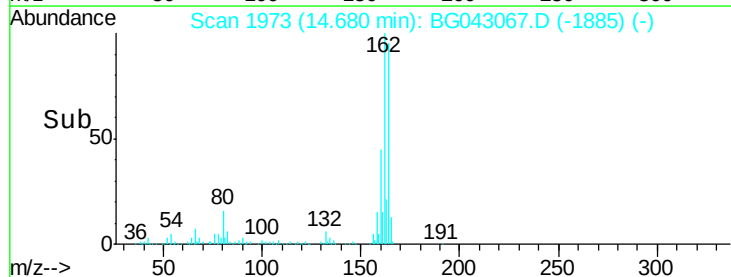
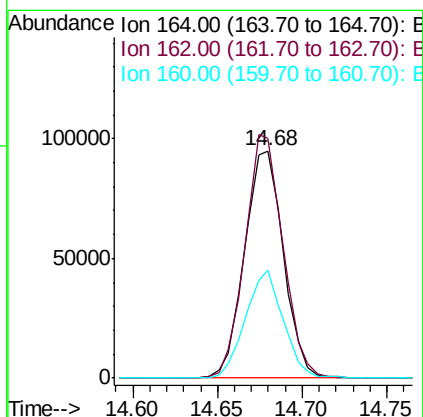
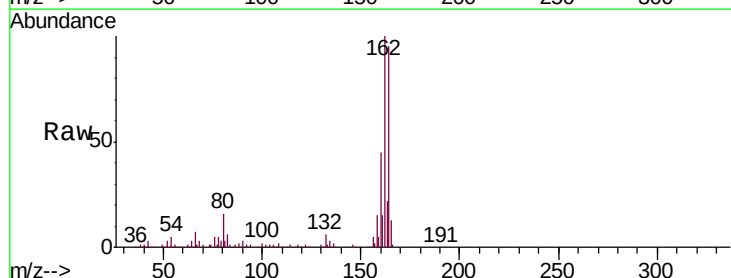
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

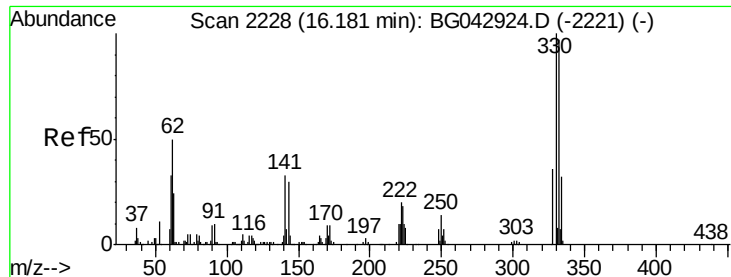
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.5	44.3
54	50.8	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG043067.D
 Acq: 7 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.5	117.7
160	47.8	35.9	53.9

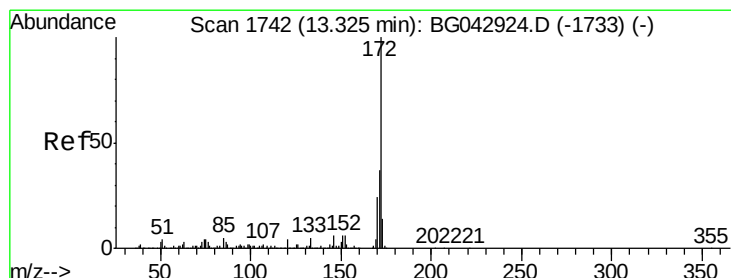
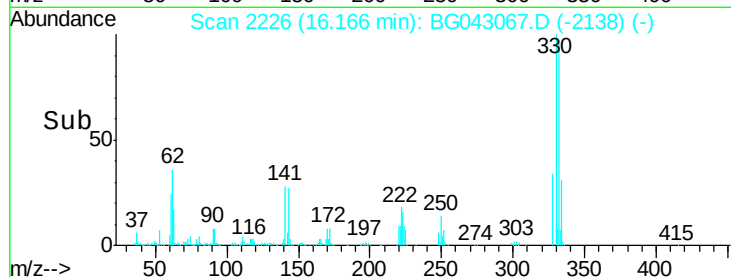
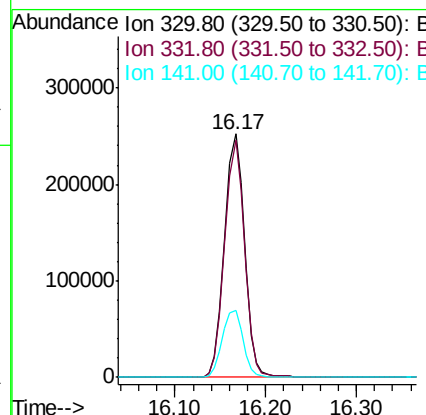
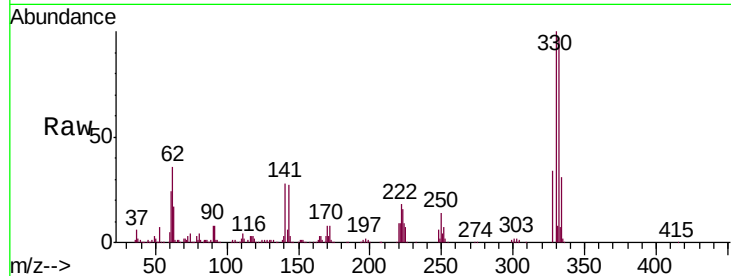




#42
 2,4,6-Tribromophenol
 Concen: 149.494 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043067.D
 Acq: 7 Oct 2019 14:41

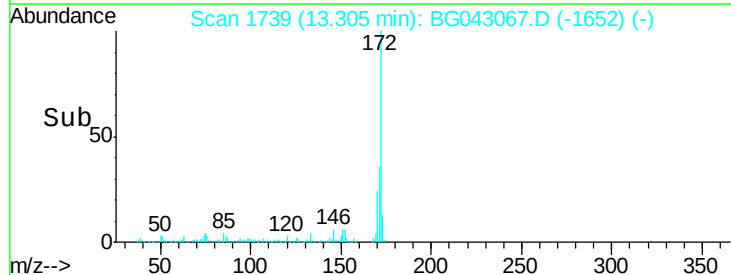
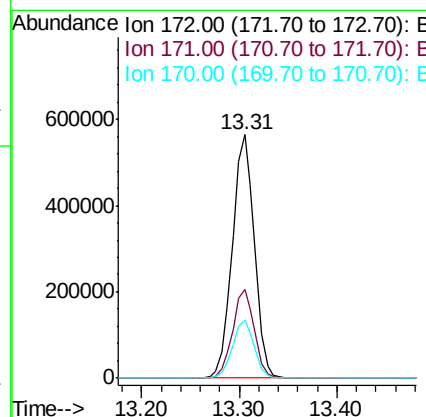
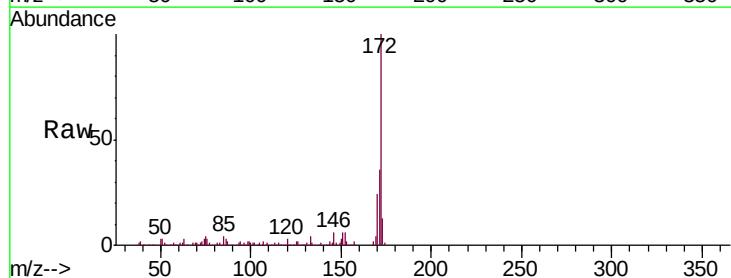
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

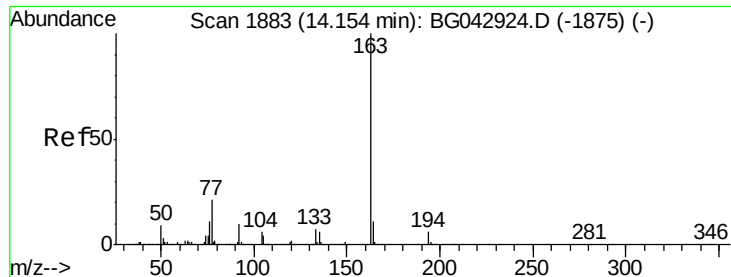
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.2
141	28.3	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 84.180 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043067.D
 Acq: 7 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.6	29.4

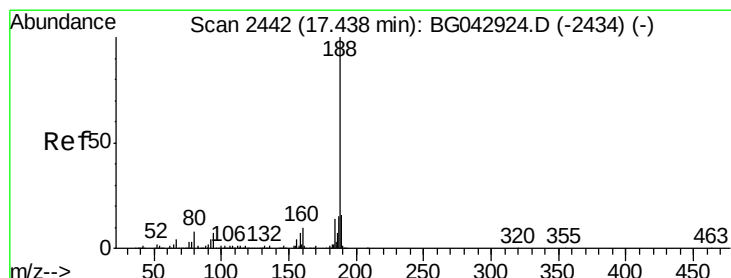
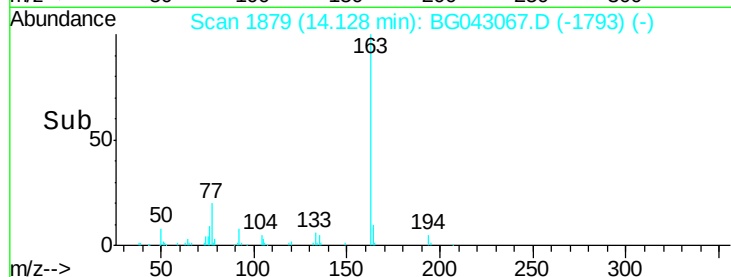
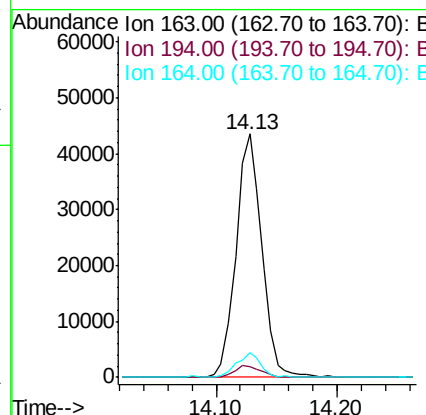
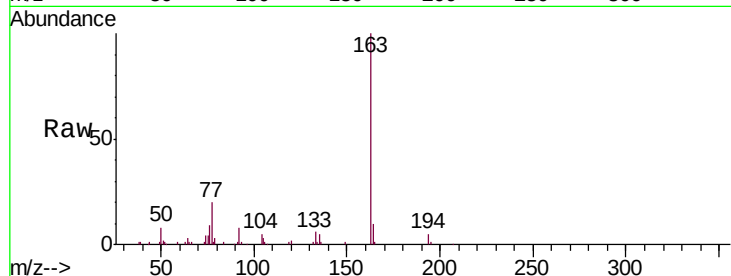




#50
Dimethylphthalate
Concen: 5.697 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043067.D
Acq: 7 Oct 2019 14:41

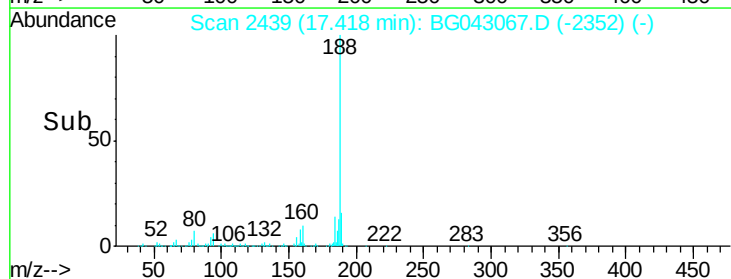
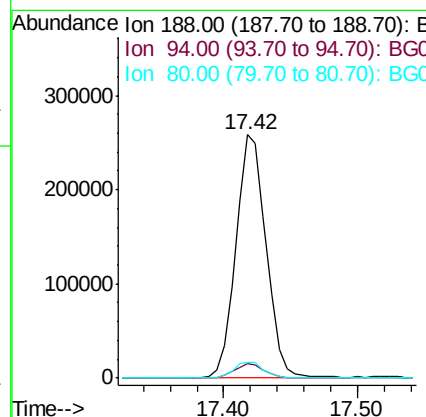
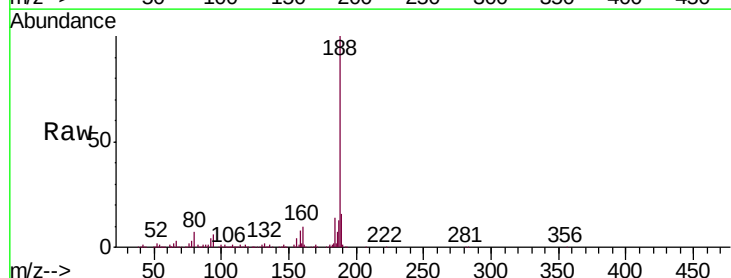
Instrument :
BNA_G
ClientSampleId :
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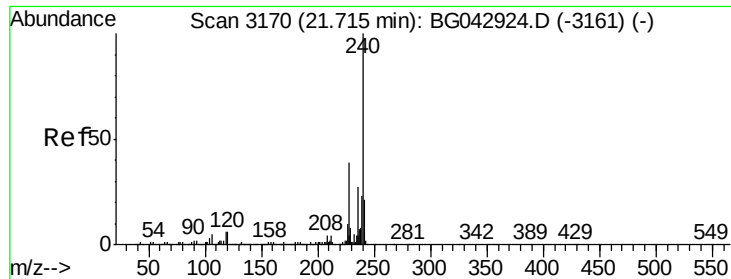
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.4	6.6
164	10.1	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043067.D
Acq: 7 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	6.6	6.5	9.7

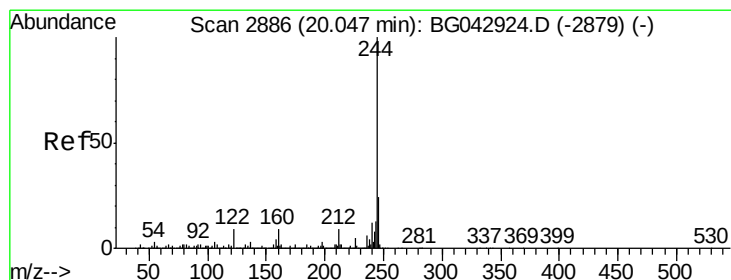
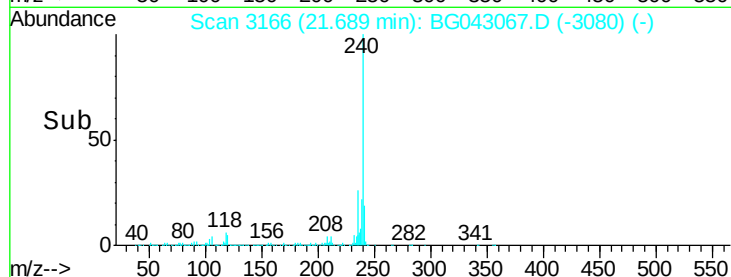
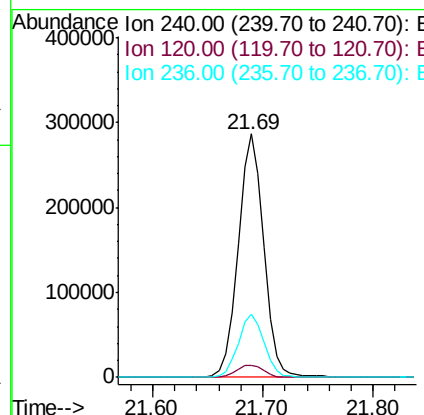
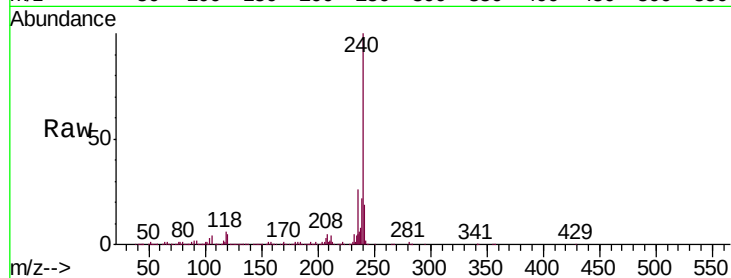




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BG043067.D
 Acq: 7 Oct 2019 14:41

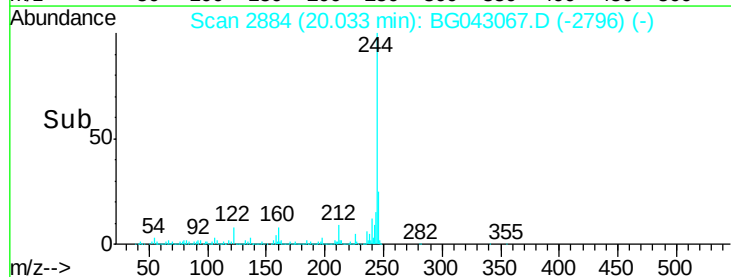
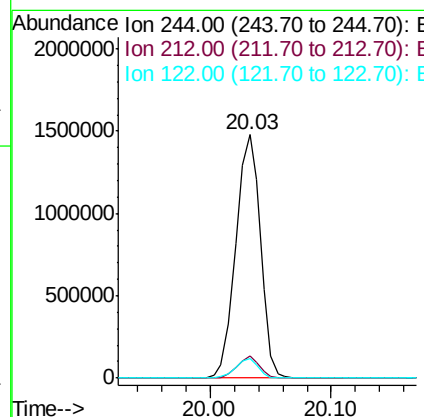
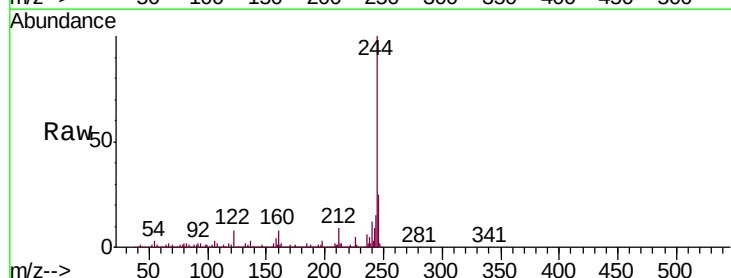
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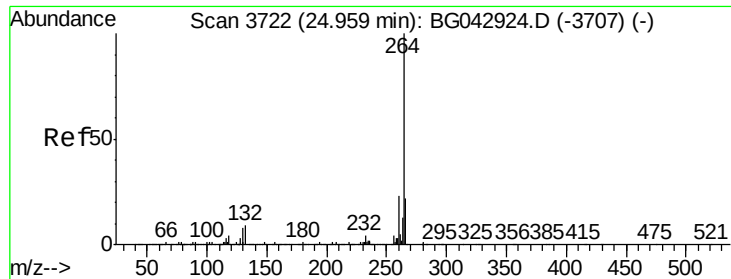
Tgt Ion:240 Resp: 465808
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.8 7.2
 236 26.1 21.4 32.0



#79
 Terphenyl-d14
 Concen: 96.250 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG043067.D
 Acq: 7 Oct 2019 14:41

Tgt Ion:244 Resp: 2104010
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.4 11.0
 122 7.9 7.0 10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043067.D
Acq: 7 Oct 2019 14:41

Instrument :
BNA_G
ClientSampleId :
PB123594BL

Tgt Ion:	264	Resp:	524088
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	20.9	17.7	26.5

