

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039511.D
 Acq On : 14 Feb 2019 18:00
 Operator : JU/SJ
 Sample : K1349-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-A

Quant Time: Feb 15 04:40:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50474	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	227649	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	164340	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	415594	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	418982	20.00	ng	-0.02
87) Perylene-d12	25.21	264	415844	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	442240	149.96	ng	0.00
7) Phenol-d6	7.32	99	604244	139.20	ng	0.00
23) Nitrobenzene-d5	9.35	82	414188	113.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	287948	162.71	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1024276	89.41	ng	-0.02
79) Terphenyl-d14	20.13	244	1702416	86.01	ng	-0.02

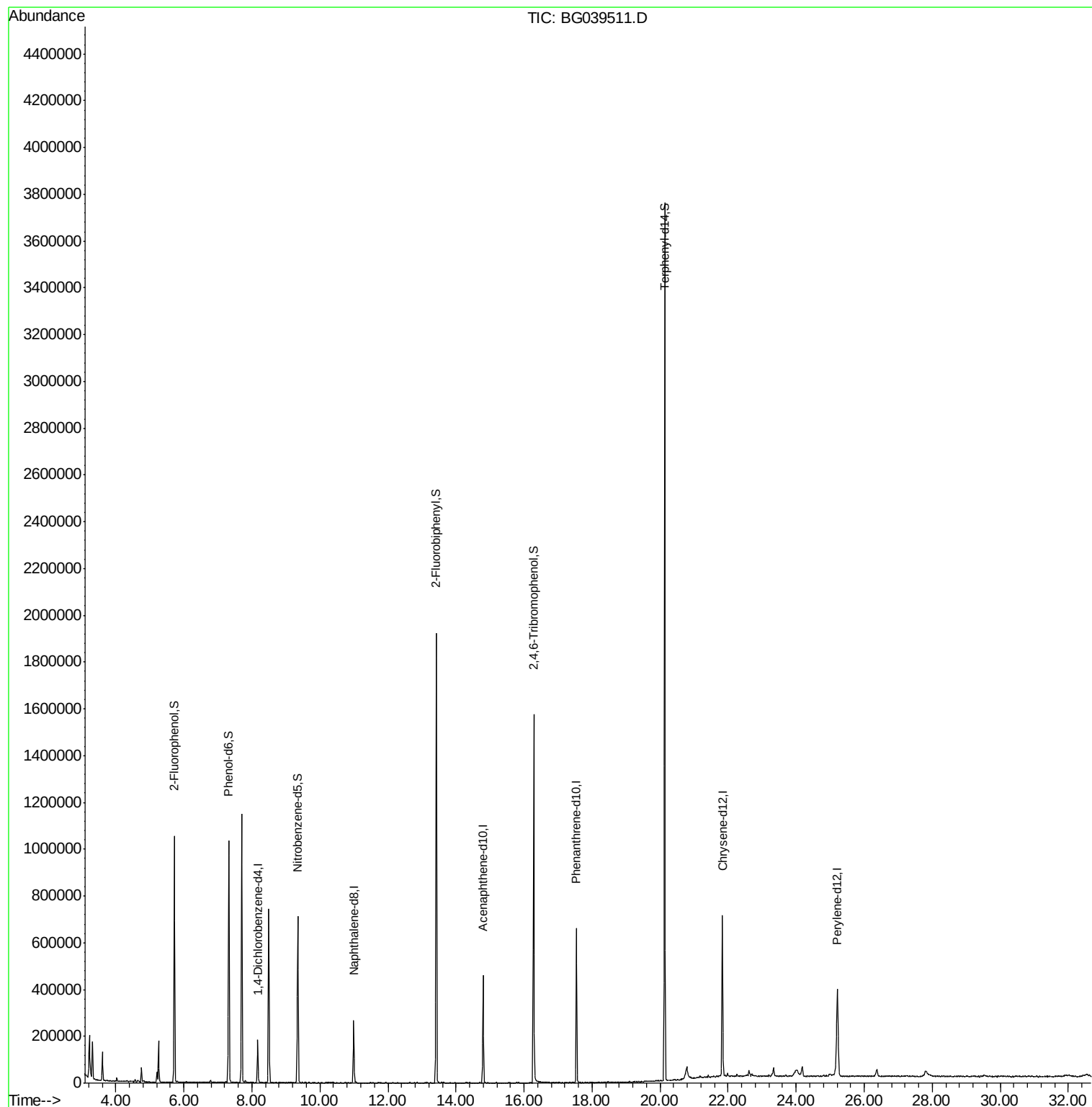
Target Compounds Qvalue

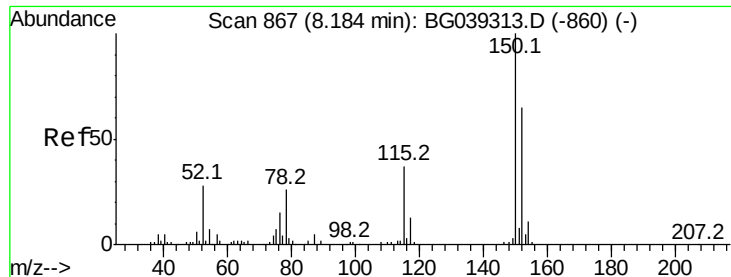
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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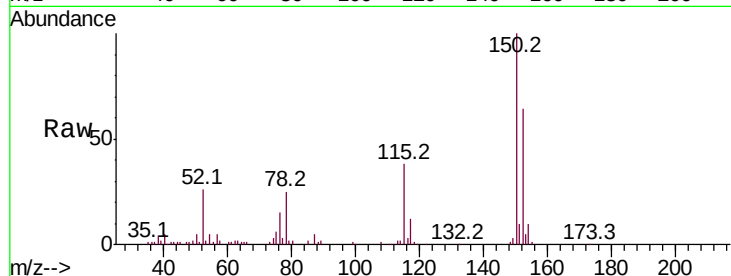


#1

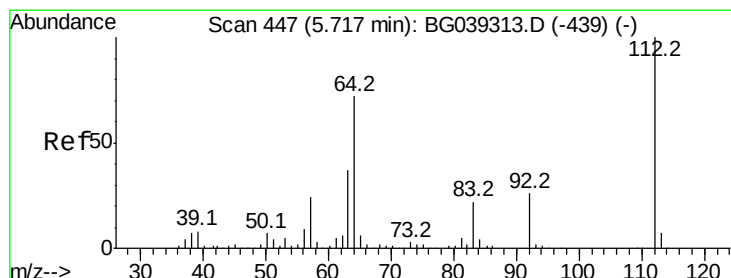
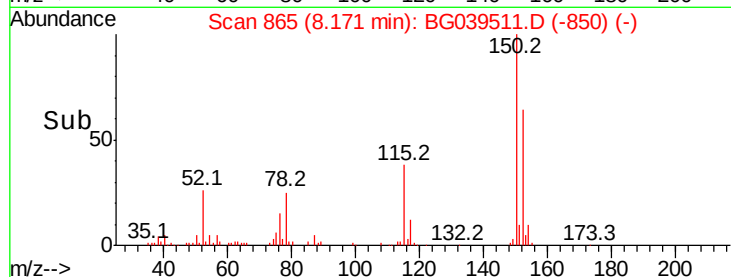
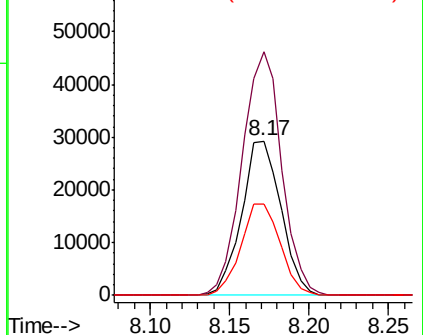
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039511.D
Acq: 14 Feb 2019 18:00

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-A

Tot Ion:152 Resp: 50474
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 59.1 45.9 68.9



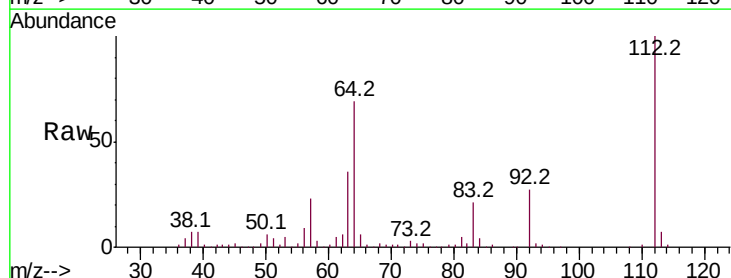
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



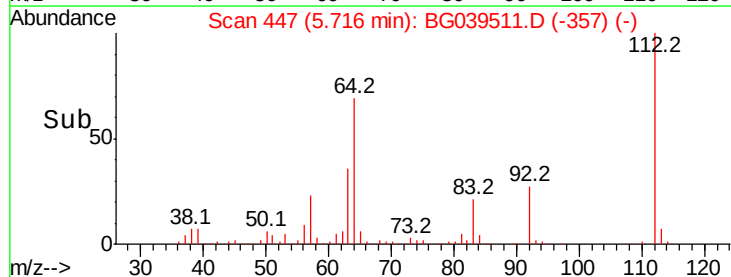
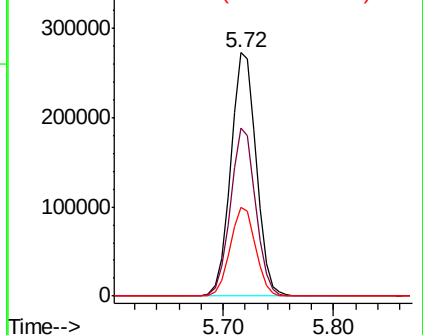
#5

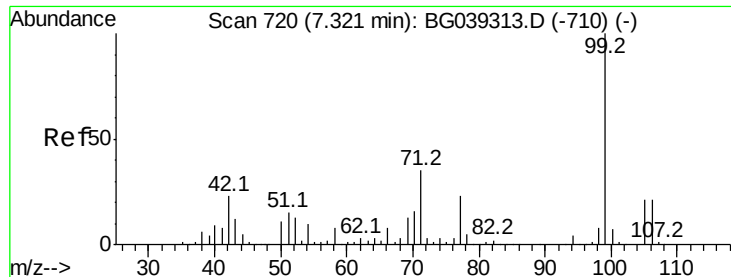
2-Fluorophenol
Concen: 149.958 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039511.D
Acq: 14 Feb 2019 18:00

Tgt Ion:112 Resp: 442240
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.3 29.8 44.6



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: 139.195 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039511.D

Acq: 14 Feb 2019 18:00

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-A

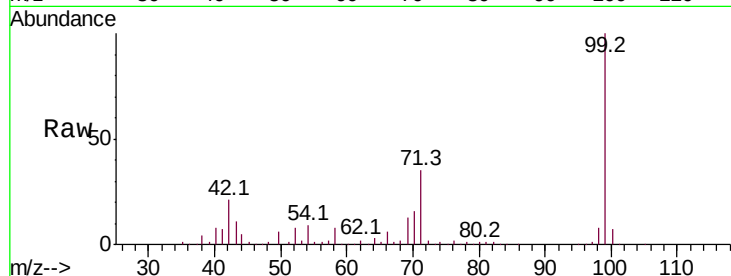
Tot Ion: 99 Resp: 604244

Ion Ratio Lower Upper

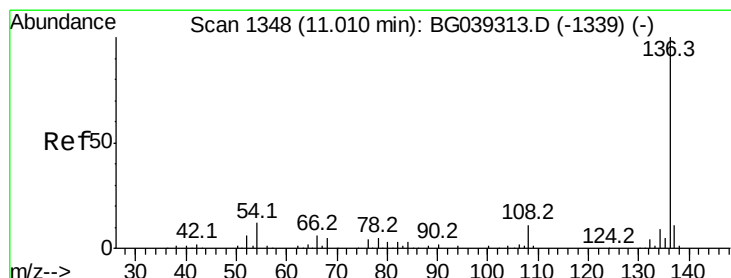
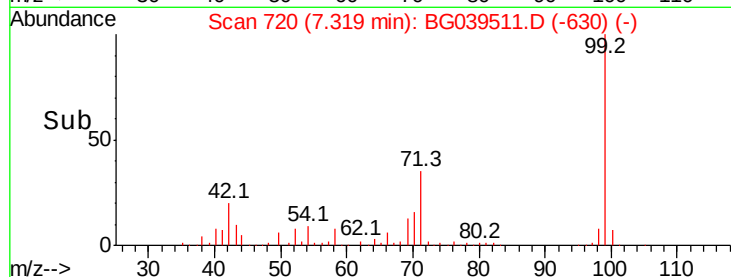
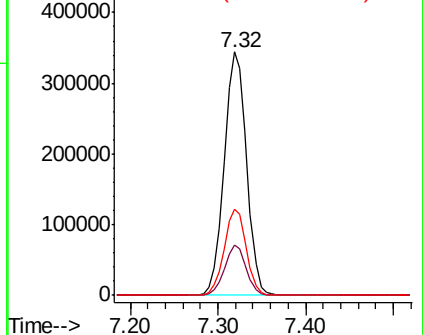
99 100

42 20.6 18.2 27.2

71 35.4 28.0 42.0



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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039511.D

Acq: 14 Feb 2019 18:00

Tgt Ion: 136 Resp: 227649

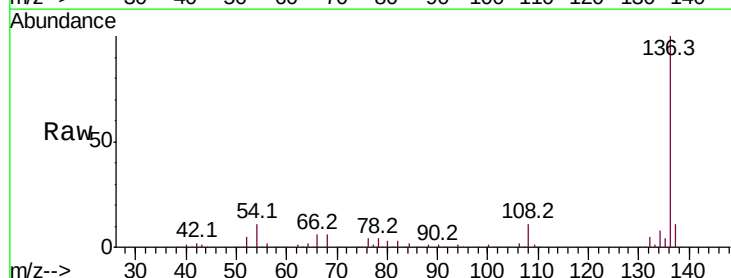
Ion Ratio Lower Upper

136 100

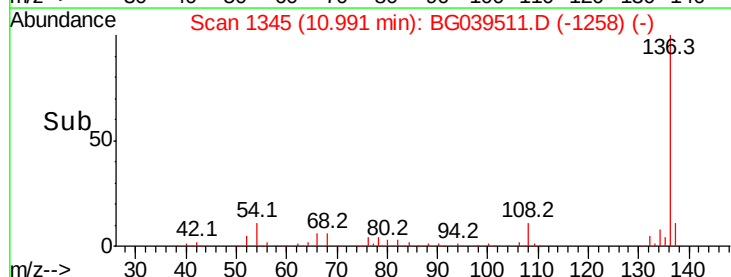
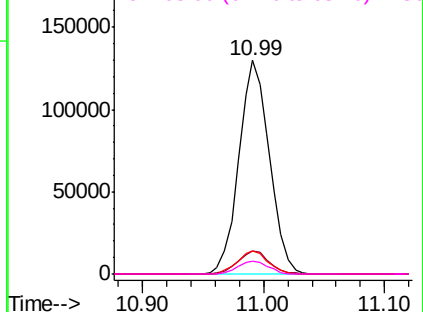
137 10.9 9.1 13.7

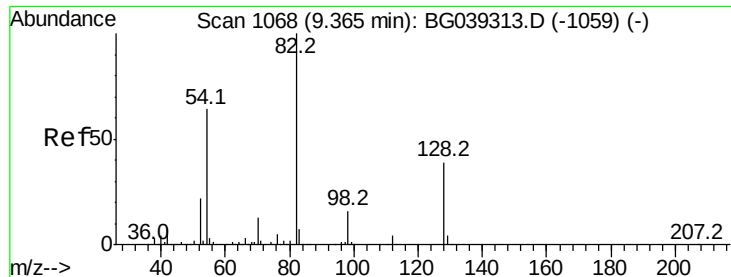
54 10.7 9.4 14.2

68 5.9 4.2 6.4



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

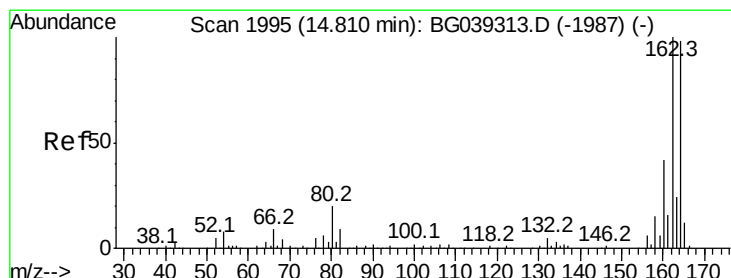
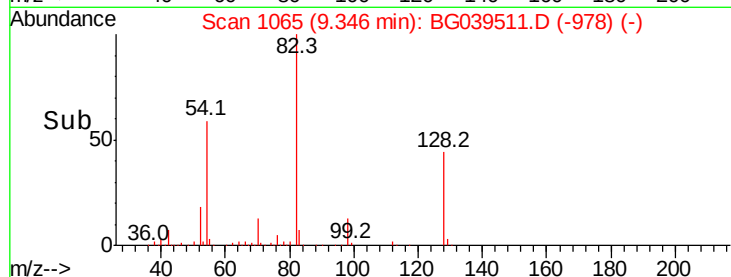
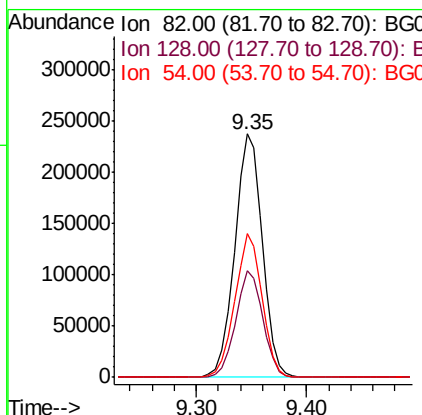
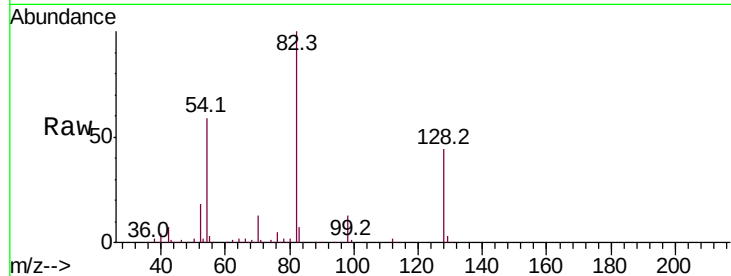




#23
Nitrobenzene-d5
Concen: 113.662 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039511.D
Acq: 14 Feb 2019 18:00

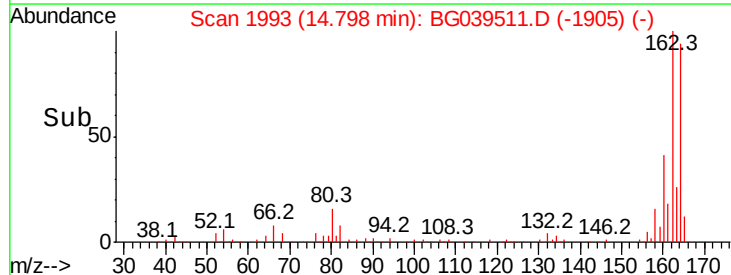
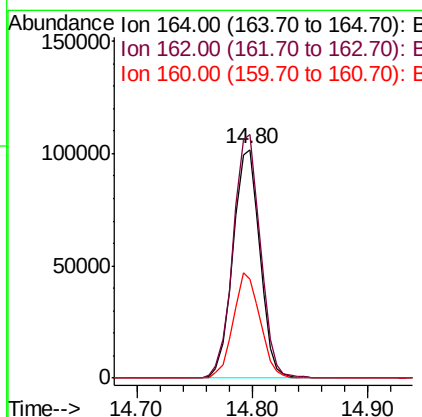
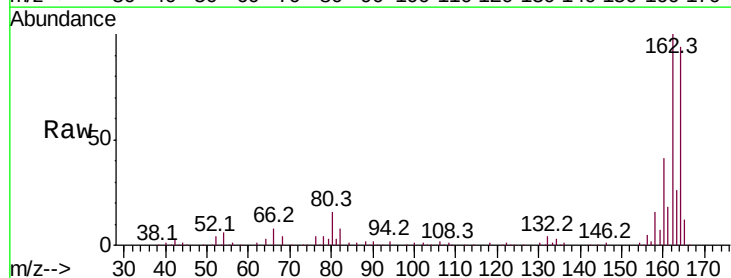
Instrument :
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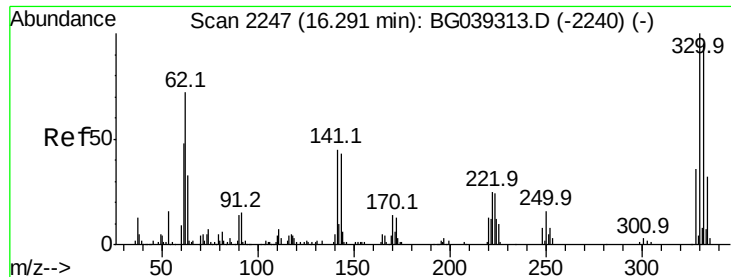
Tot Ion	82	Resp	414188
Ion Ratio	Lower	Upper	
82	100		
128	43.8	31.3	46.9
54	59.0	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039511.D
Acq: 14 Feb 2019 18:00

Tgt Ion	164	Resp	164340
Ion Ratio	Lower	Upper	
164	100		
162	106.6	81.6	122.4
160	43.2	34.2	51.2

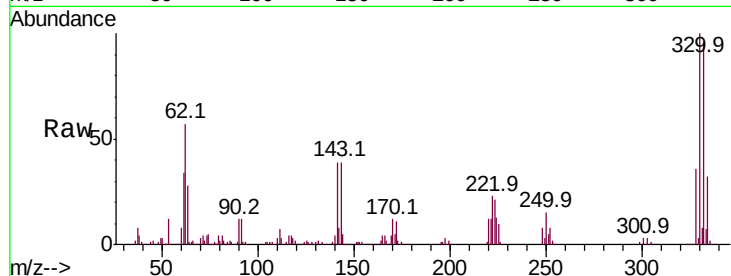




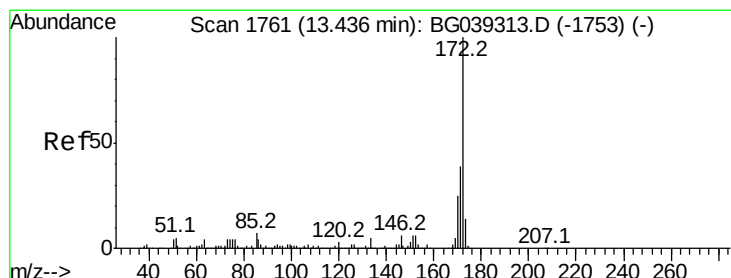
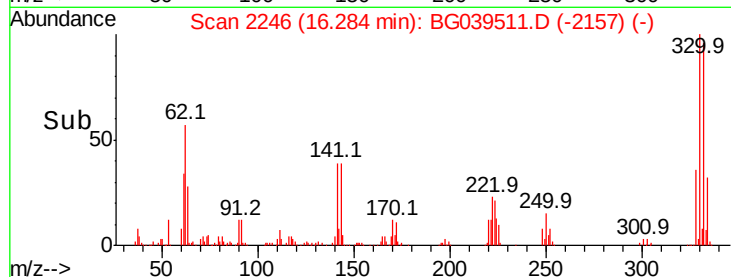
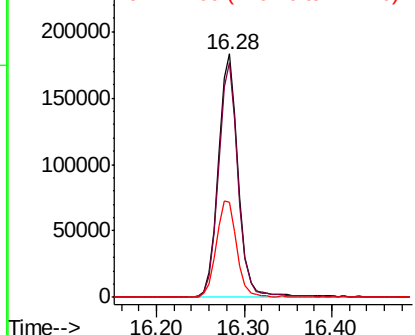
#42
 2,4,6-Tribromophenol
 Concen: 162.714 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039511.D
 Acq: 14 Feb 2019 18:00

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-A

Tot Ion:330 Resp: 287948
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 40.8 35.6 53.4

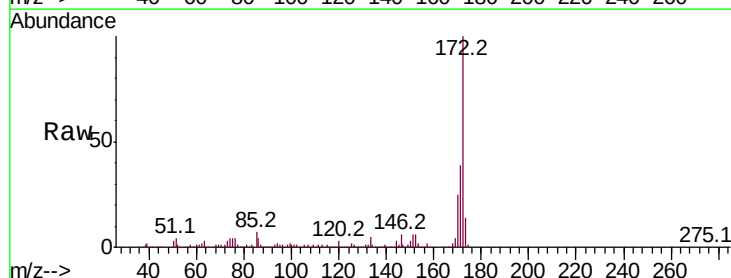


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

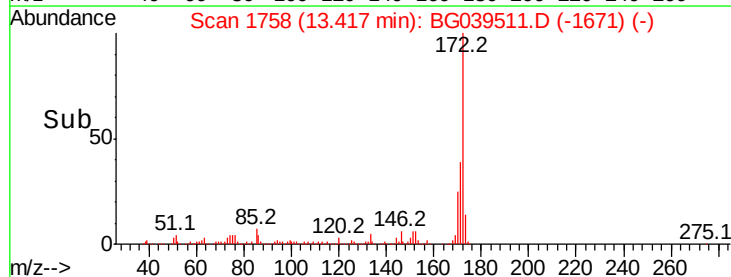
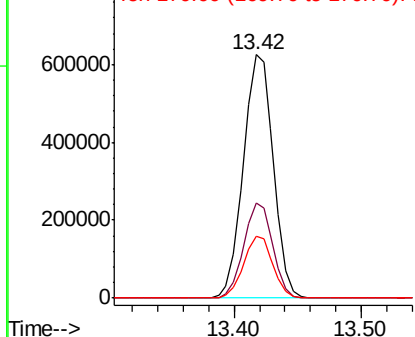


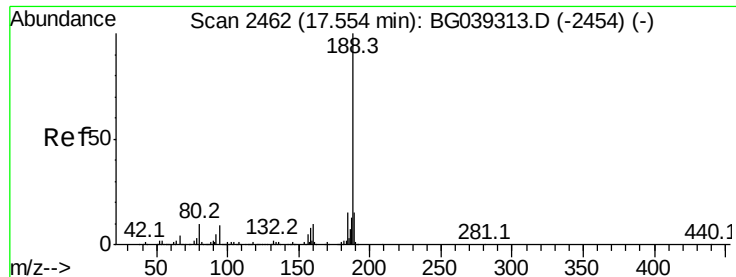
#45
 2-Fluorobiphenyl
 Concen: 89.411 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039511.D
 Acq: 14 Feb 2019 18:00

Tgt Ion:172 Resp: 1024276
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.8 46.2
 170 25.3 20.2 30.4



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

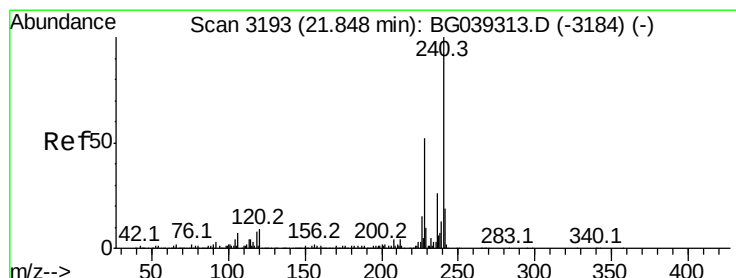
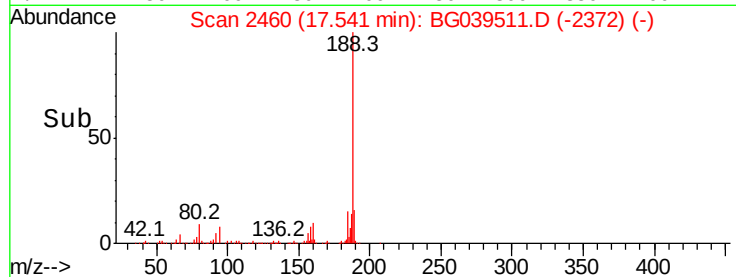
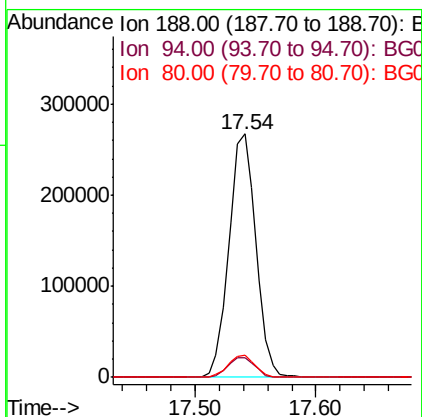
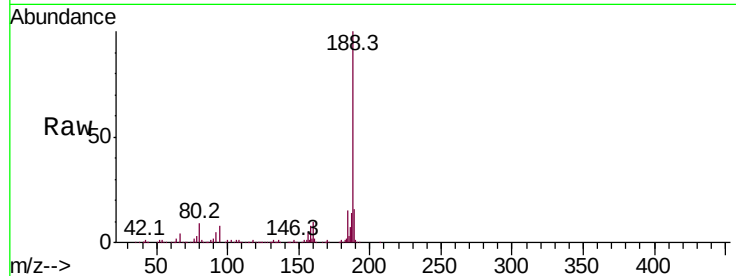




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039511.D
Acq: 14 Feb 2019 18:00

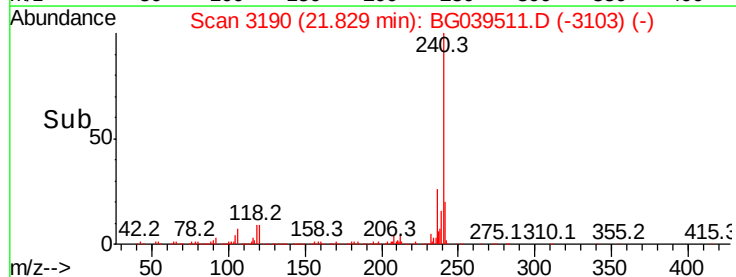
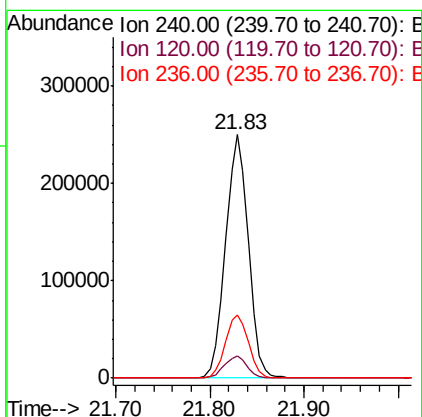
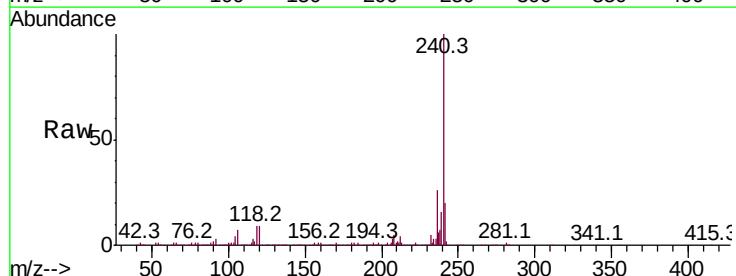
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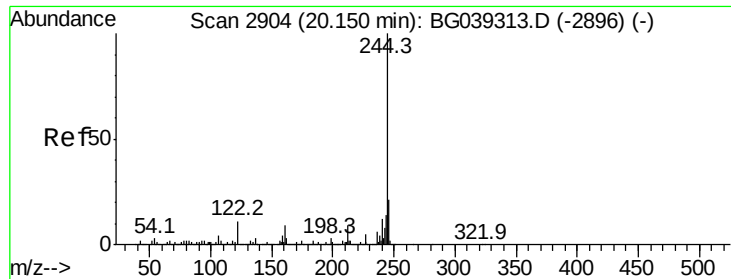
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.0	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039511.D
Acq: 14 Feb 2019 18:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	25.8	21.0	31.4

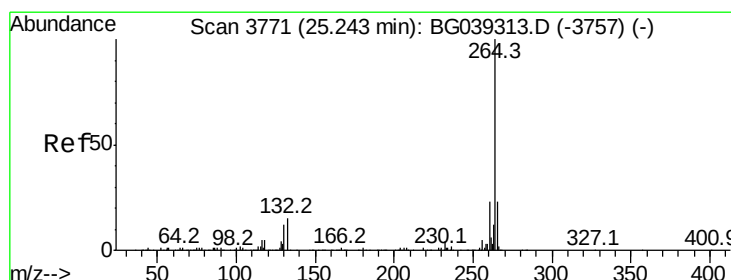
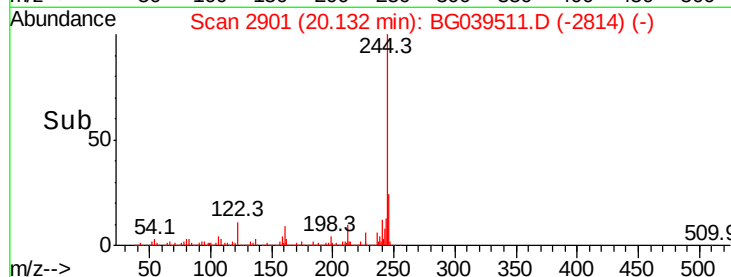
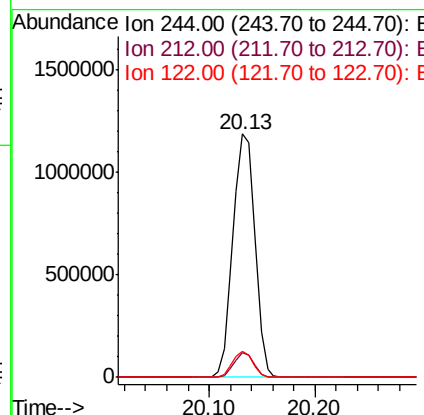
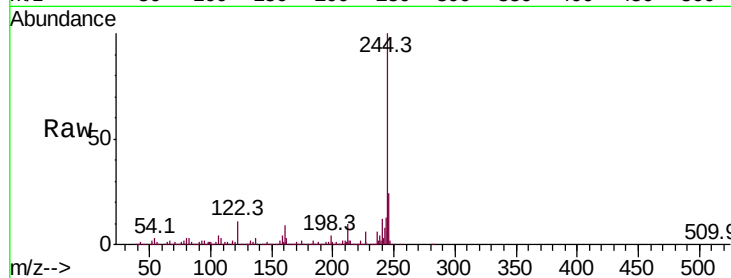




#79
 Terphenyl-d14
 Concen: 86.006 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039511.D
 Acq: 14 Feb 2019 18:00

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-A

Tot Ion:244 Resp: 1702416
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.3 10.9
 122 10.9 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039511.D
 Acq: 14 Feb 2019 18:00

Tgt Ion:264 Resp: 415844
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 22.6 18.5 27.7

