

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039681.D
 Acq On : 1 Mar 2019 5:34
 Operator : JU/SJ
 Sample : K1645-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-9-S

Manual Integrations
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Quant Time: Mar 01 07:16:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52846	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	226254	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	147226	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	355375	20.00	ng	0.00
76) Chrysene-d12	21.82	240	382026	20.00	ng	-0.01
87) Perylene-d12	25.19	264	364487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	445327	144.23	ng	0.00
7) Phenol-d6	7.31	99	575644	126.65	ng	0.00
23) Nitrobenzene-d5	9.34	82	431592	119.17	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	226275	142.73	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	963440	93.88	ng	0.00
79) Terphenyl-d14	20.12	244	1596743	88.47	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	4950m	10.912	ng	Qvalue

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

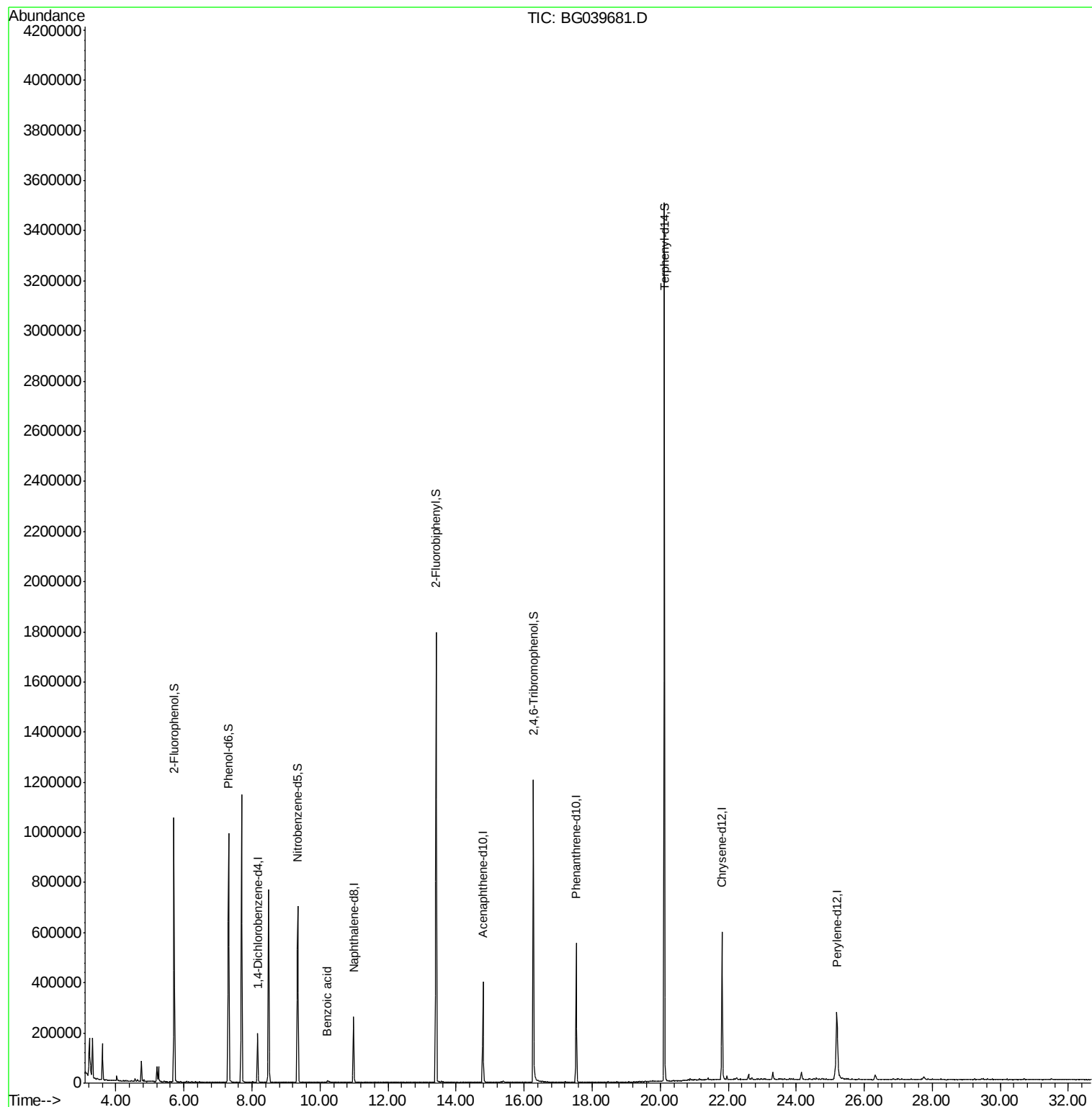
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039681.D
Acq On : 1 Mar 2019 5:34
Operator : JU/SJ
Sample : K1645-08
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ALS Vial : 21 Sample Multiplier: 1

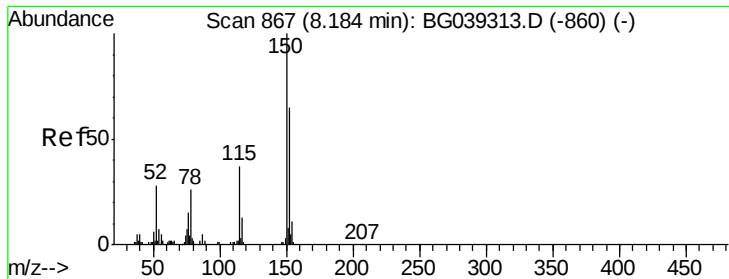
Instrument :
BNA_G
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Response via : Initial Calibration





#1

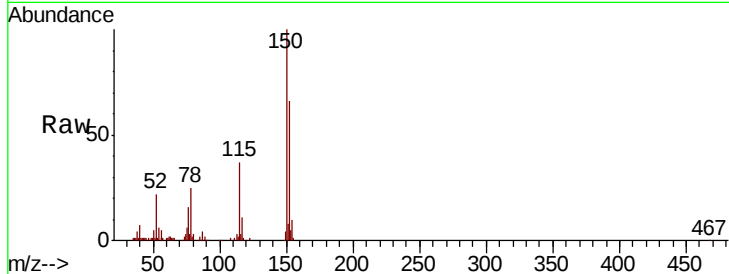
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
SR-9-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.7	185.5
115	56.5	45.9	68.9

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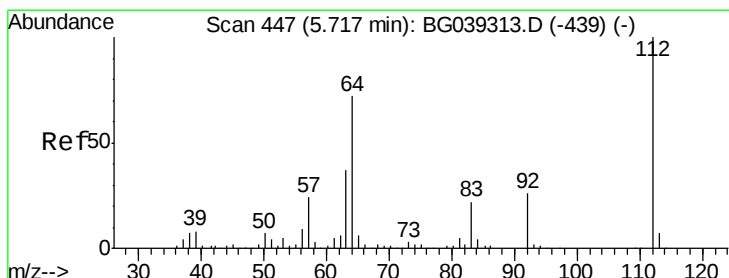
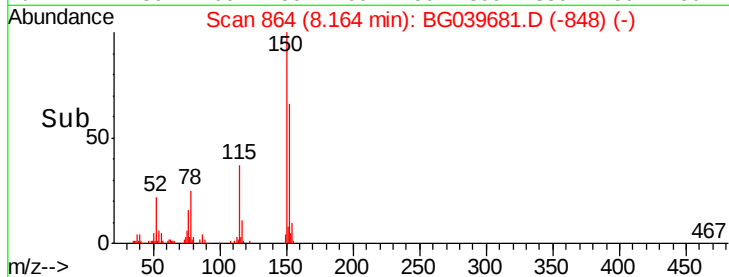
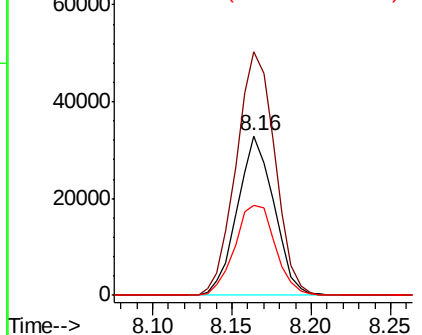


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

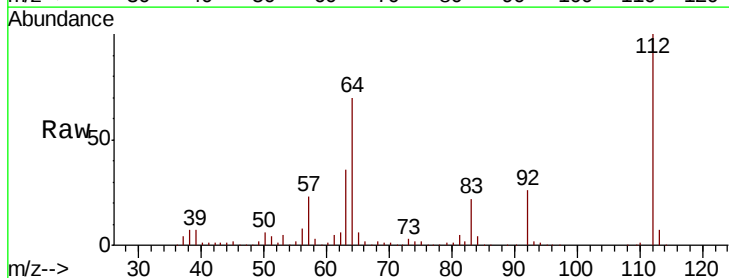
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.227 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.8	86.8
63	36.4	29.8	44.6

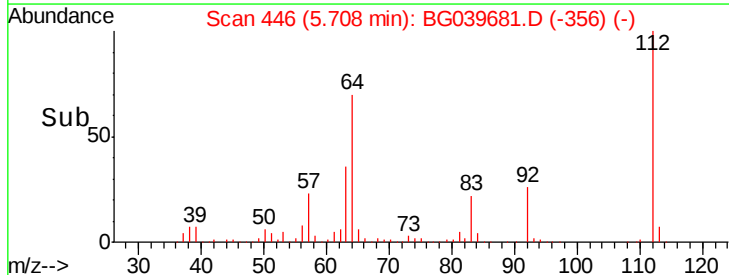
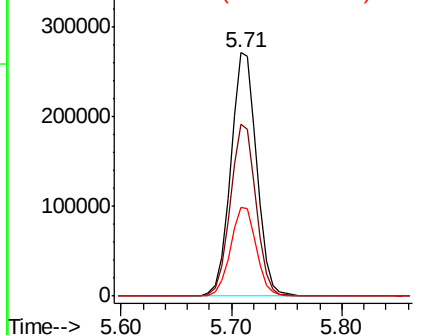


Abundance

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: 126.655 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039681.D

Acq: 1 Mar 2019 5:34

Instrument :

BNA_G

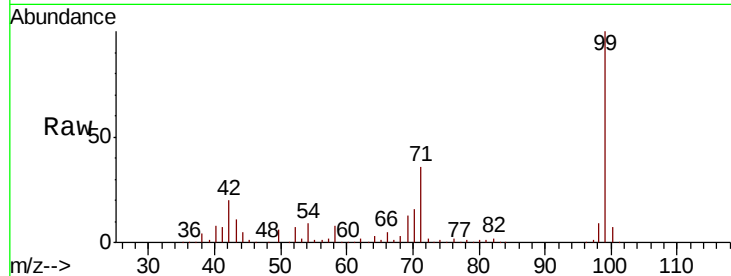
ClientSampled :

SR-9-S

Tot Ion:	99	Resp:	575644
Ion	Ratio	Lower	Upper
99	100		
42	19.5	18.2	27.2
71	36.2	28.0	42.0

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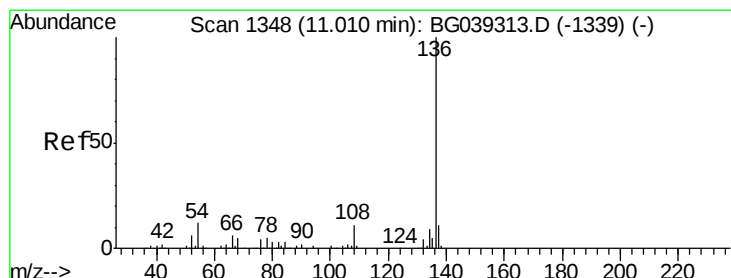
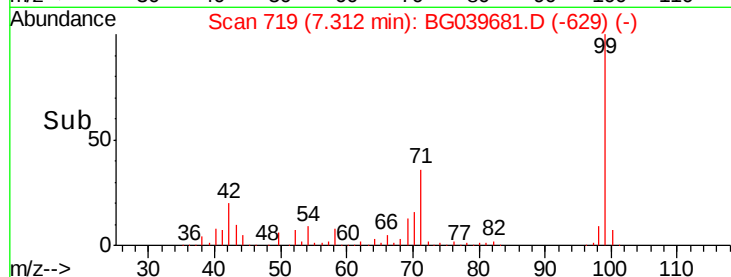
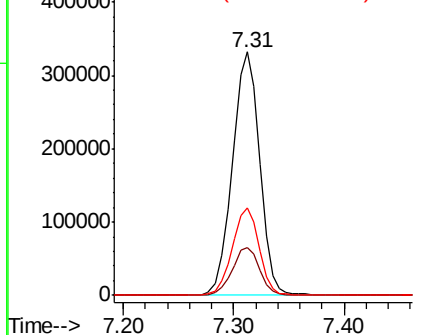


Abundance

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: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039681.D

Acq: 1 Mar 2019 5:34

Tgt Ion:	136	Resp:	226254
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.3	9.4	14.2
68	6.1	4.2	6.4

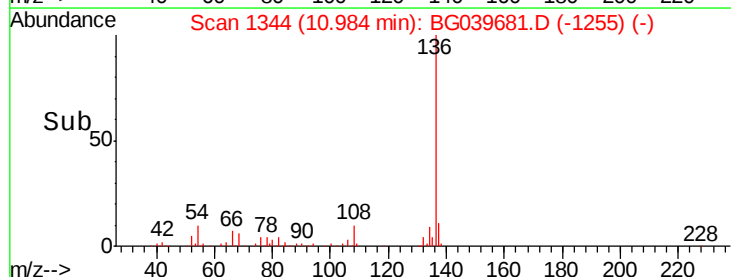
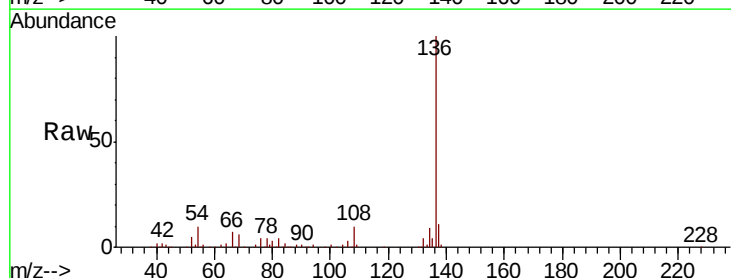
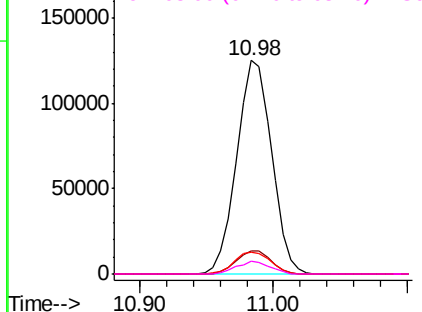
Abundance

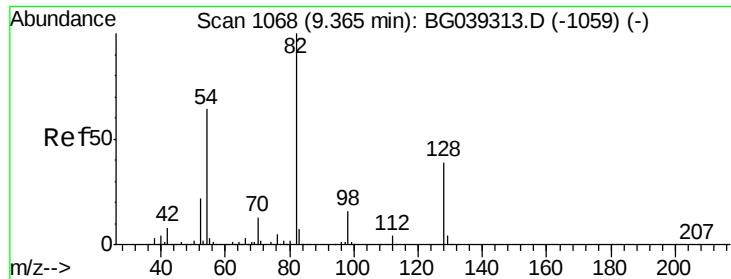
Ion 136.00 (135.70 to 136.70): BGC

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





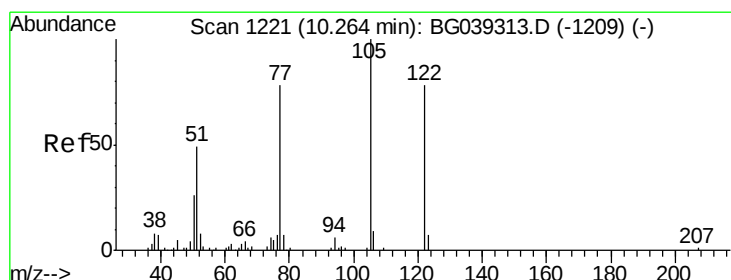
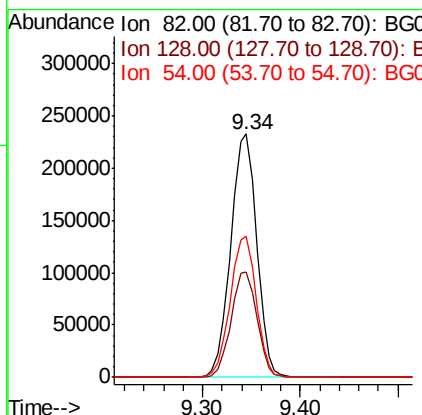
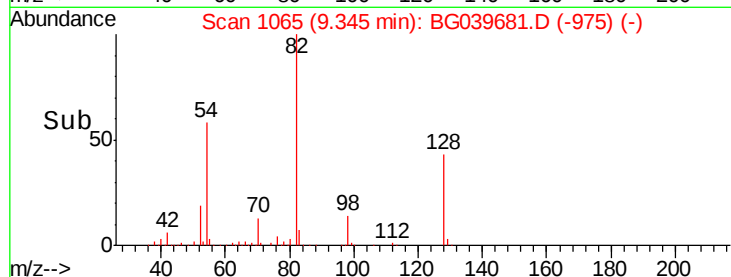
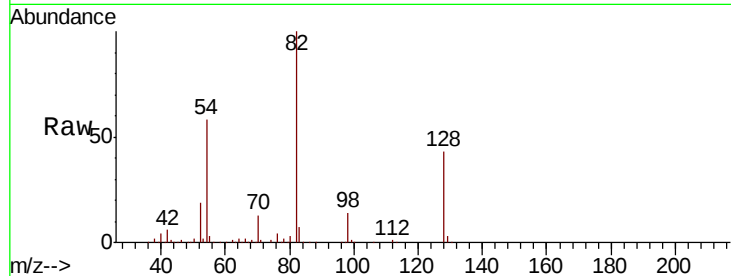
#23
Nitrobenzene-d5
Concen: 119.168 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
SR-9-S

Tot Ion	Ratio	Resp	Lower	Upper
82	100	431592		
128	43.1	31.3	46.9	
54	58.1	50.9	76.3	

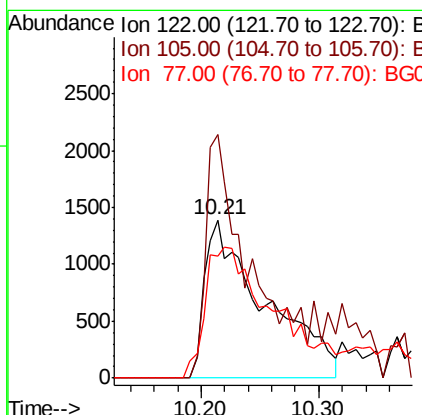
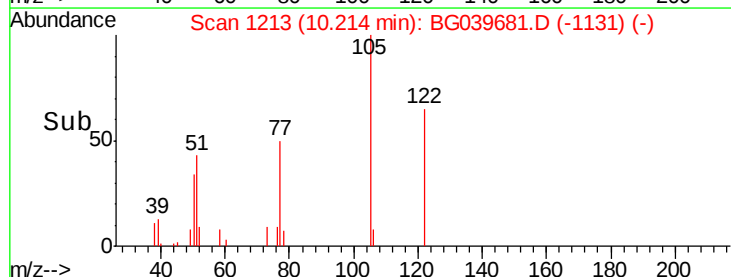
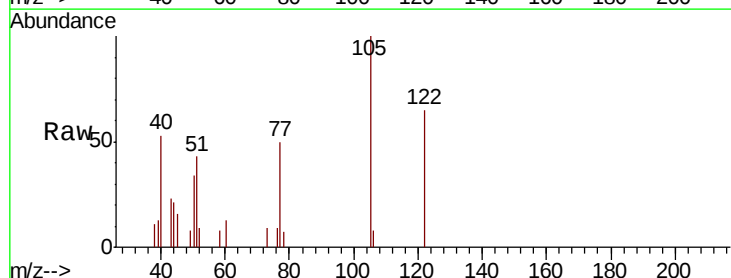
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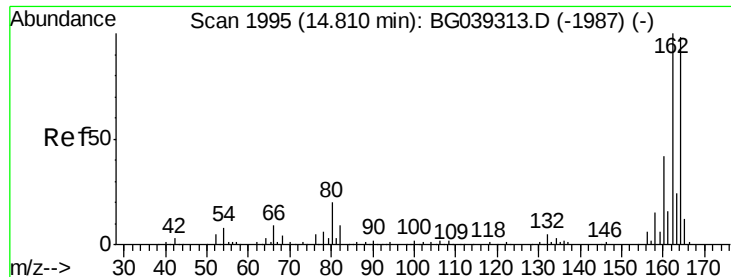
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#32
Benzoic acid
Concen: 10.912 ng m
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4950		
105	153.7	101.8	141.8#	
77	77.3	76.3	116.3	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039681.D

Acq: 1 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

SR-9-S

Tot Ion:164 Resp: 147226

Ion Ratio Lower Upper

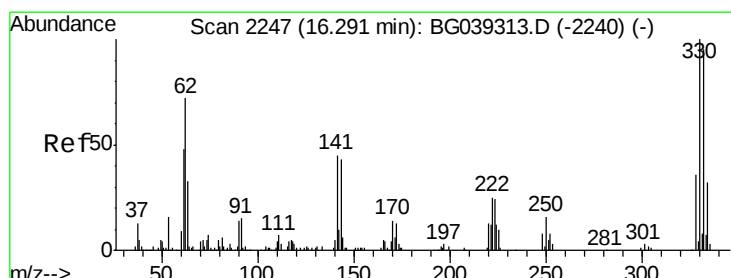
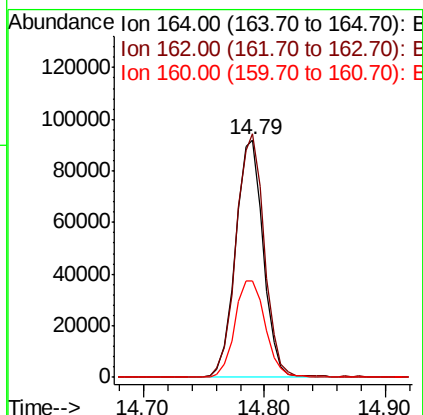
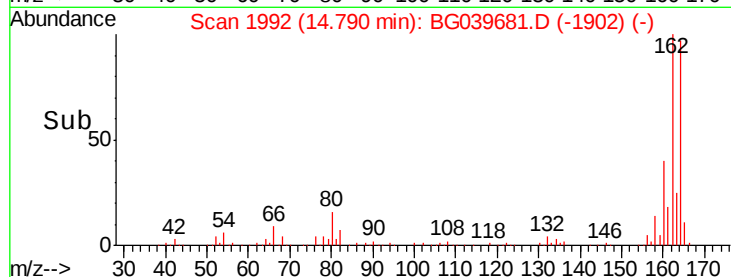
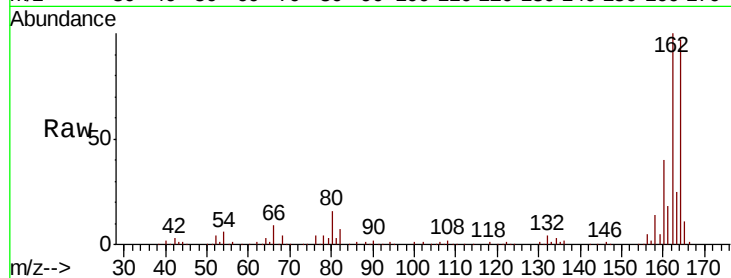
164 100

162 102.6 81.6 122.4

160 40.7 34.2 51.2

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#42

2,4,6-Tribromophenol

Concen: 142.727 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039681.D

Acq: 1 Mar 2019 5:34

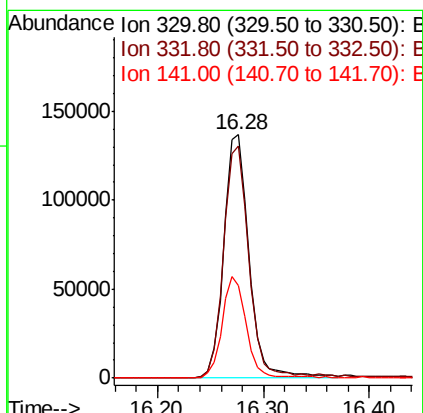
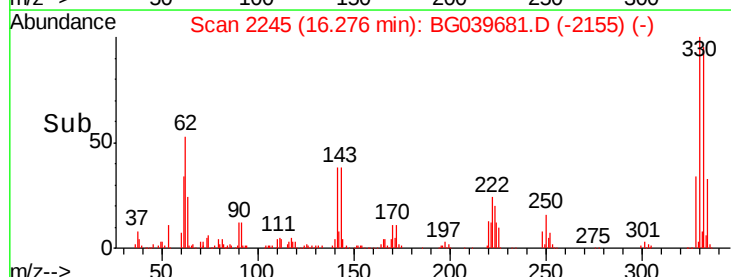
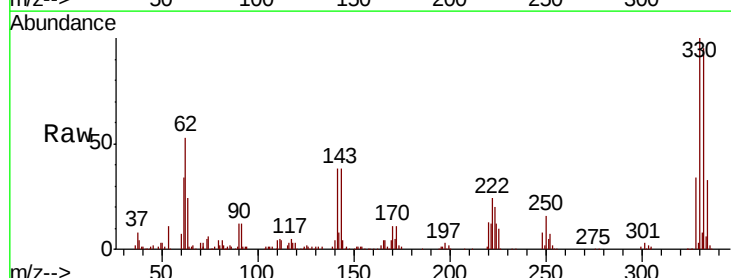
Tgt Ion:330 Resp: 226275

Ion Ratio Lower Upper

330 100

332 97.8 75.7 113.5

141 39.7 35.6 53.4





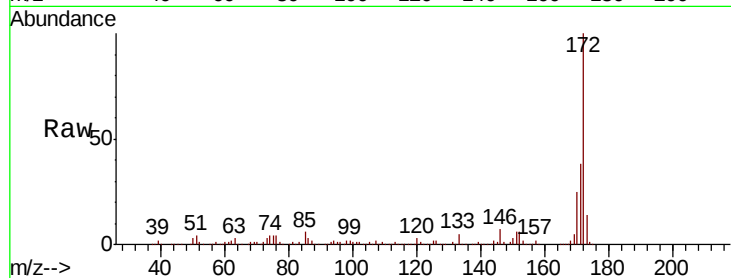
#45
2-Fluorobiphenyl
Concen: 93.876 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

Instrument :
BNA_G
ClientSampled :
SR-9-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	25.1	20.2	30.4

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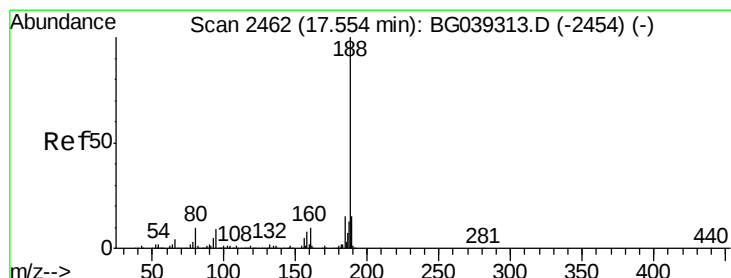
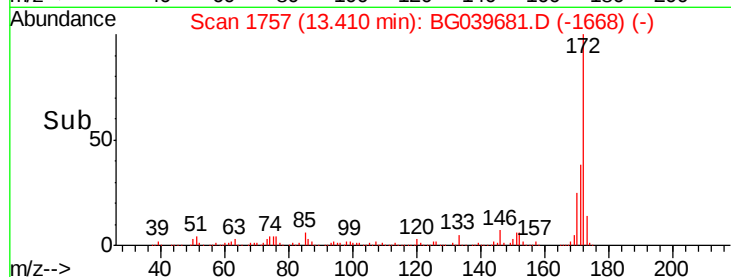
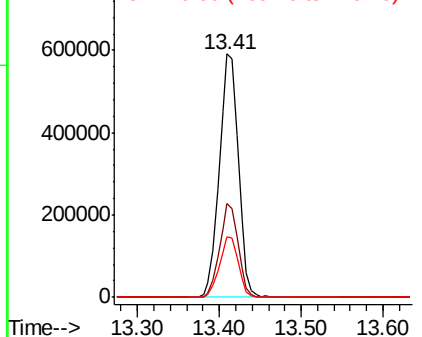


Abundance

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: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

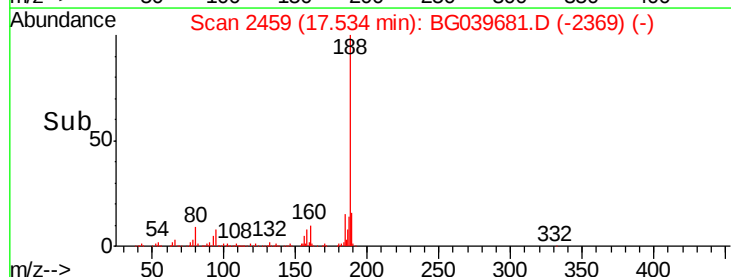
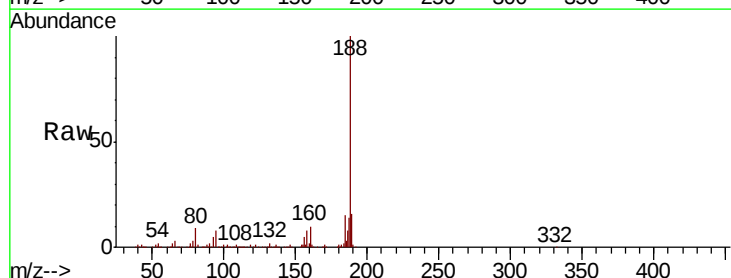
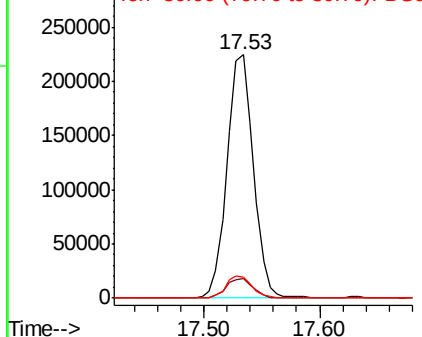
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.7	8.1	12.1

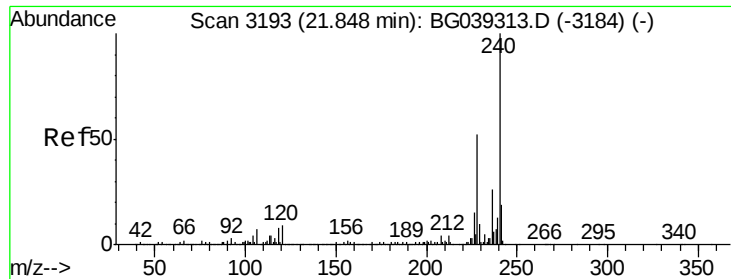
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





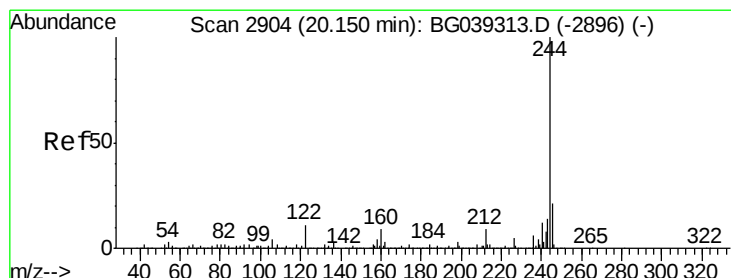
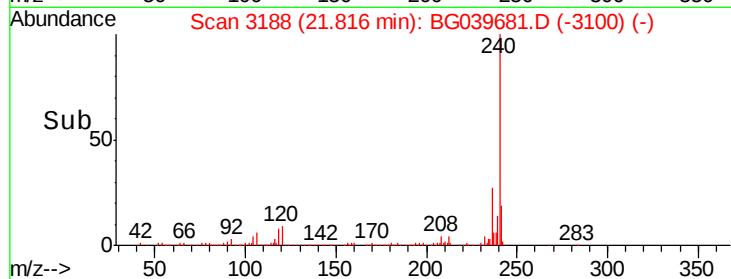
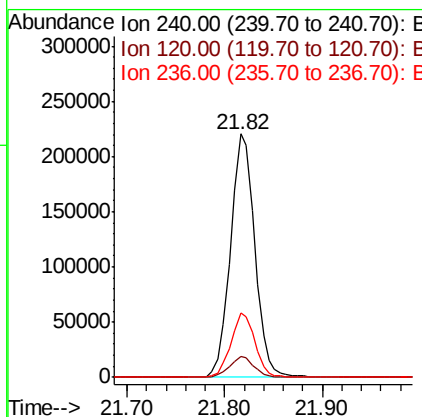
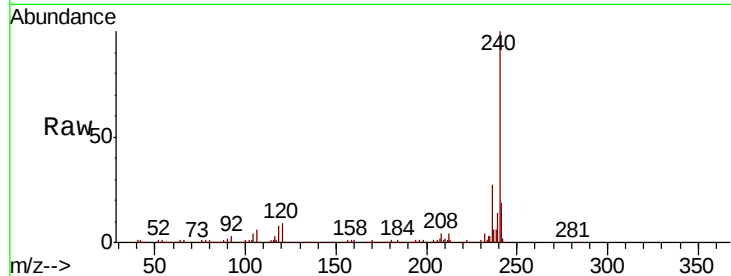
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG039681.D
 Acq: 1 Mar 2019 5:34

Instrument :
 BNA_G
 ClientSampled :
 SR-9-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.7	21.0	31.4

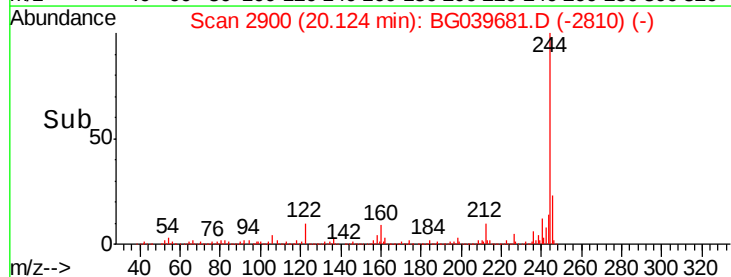
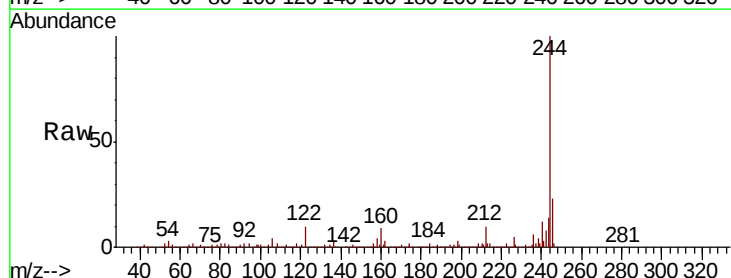
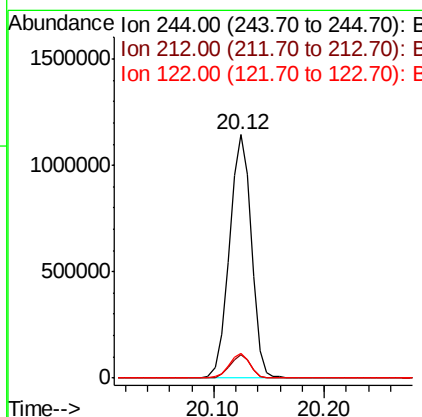
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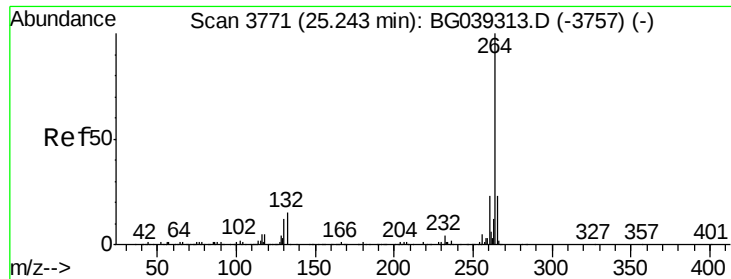
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#79
 Terphenyl-d14
 Concen: 88.471 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039681.D
 Acq: 1 Mar 2019 5:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.3	8.4	12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039681.D
Acq: 1 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
SR-9-S

Tot Ion:	264	Resp:	364487
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	21.8	18.5	27.7

Manual Integrations
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