

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040114.D
 Acq On : 23 Mar 2019 12:52
 Operator : JU/SJ
 Sample : K2035-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031919-LIFT-F-D-M

Quant Time: Mar 23 22:42:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

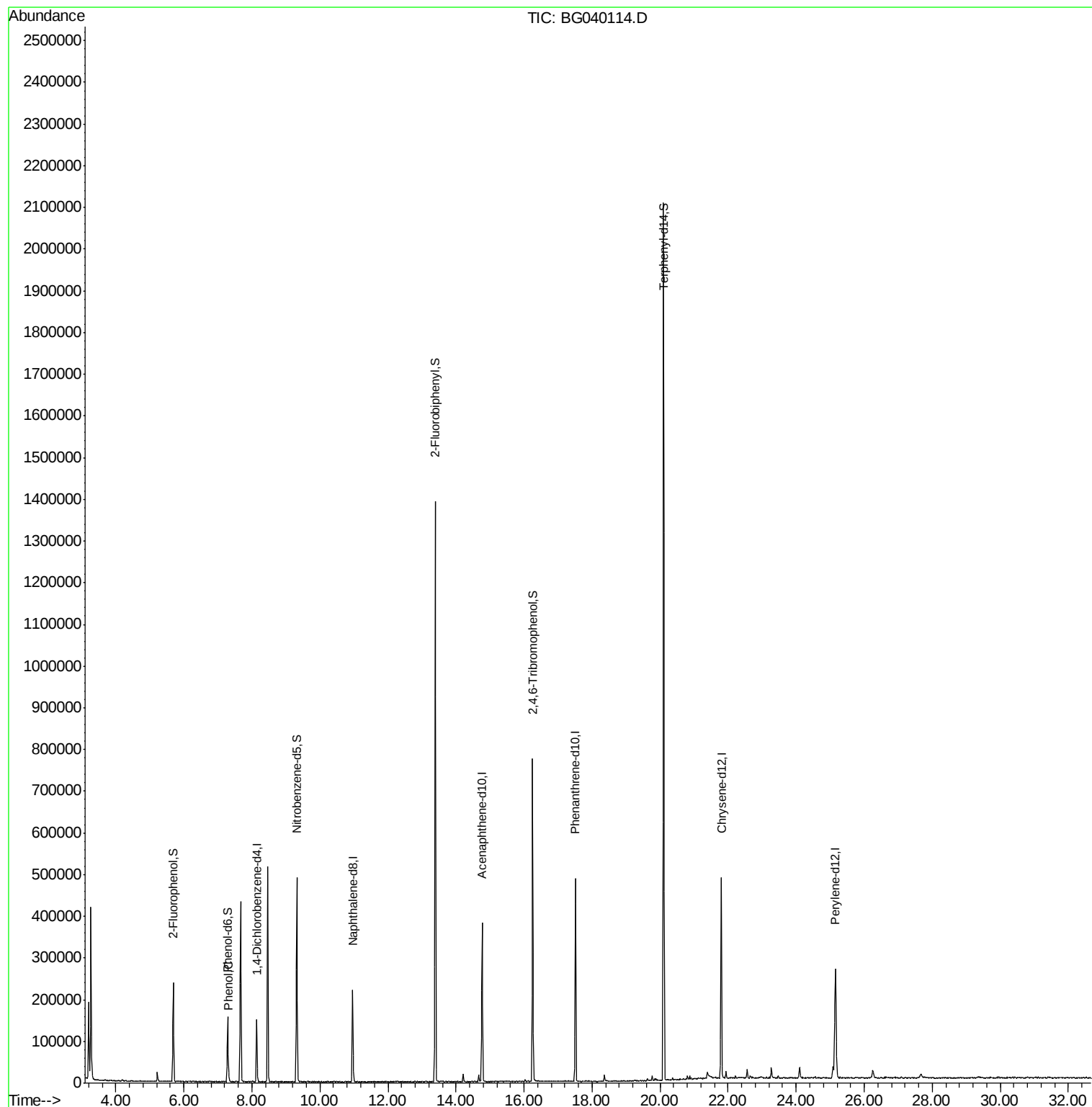
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41133	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	189314	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	131875	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	312337	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	307080	20.00	ng	-0.03
87) Perylene-d12	25.15	264	310593	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	99780	41.38	ng	-0.02
7) Phenol-d6	7.28	99	91290	25.39	ng	-0.03
23) Nitrobenzene-d5	9.32	82	299965	85.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	136420	88.75	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	758869	81.93	ng	-0.03
79) Terphenyl-d14	20.11	244	1035186	74.22	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	10661	2.737	ng	Qvalue 98

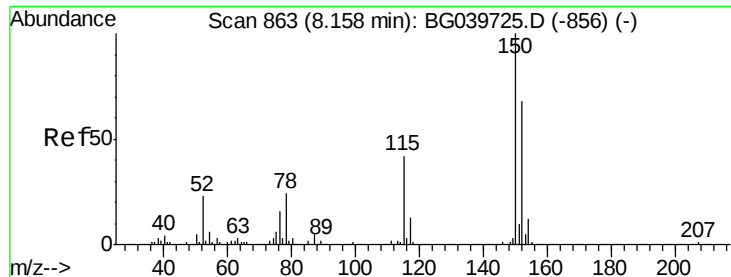
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-D-M

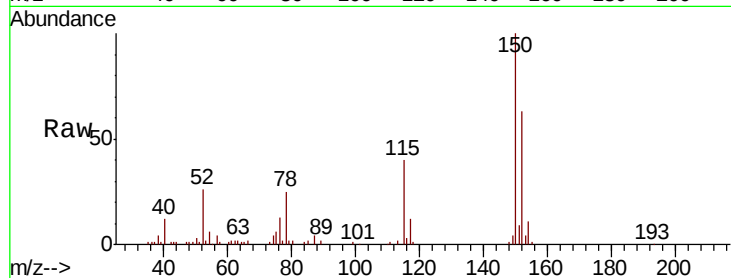
Tot Ion:152 Resp: 41133

Ion Ratio Lower Upper

152 100

150 159.1 123.7 185.5

115 63.8 45.9 68.9

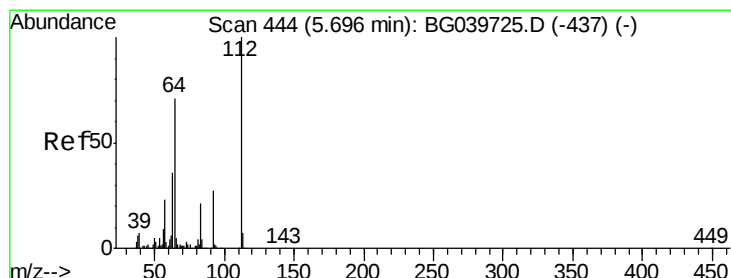
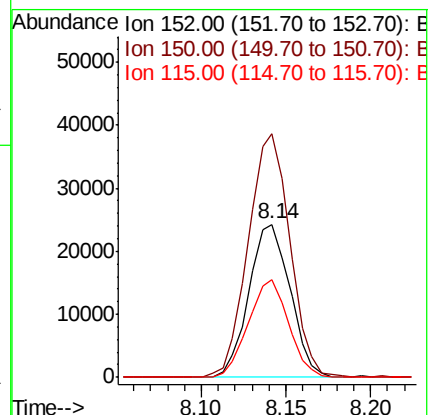
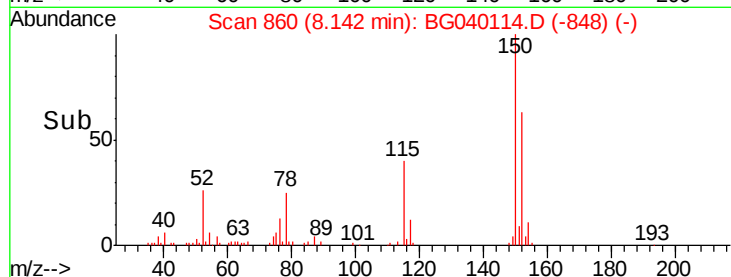


Abundance

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: 41.384 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

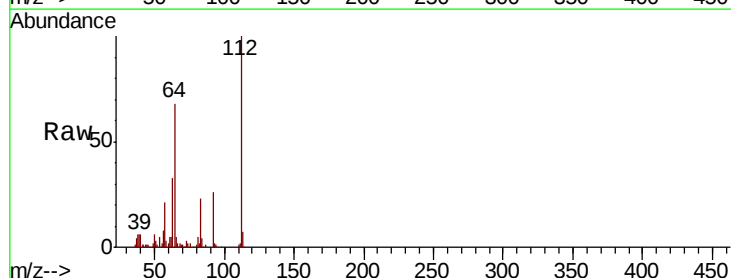
Tgt Ion:112 Resp: 99780

Ion Ratio Lower Upper

112 100

64 68.1 57.8 86.8

63 32.5 29.8 44.6

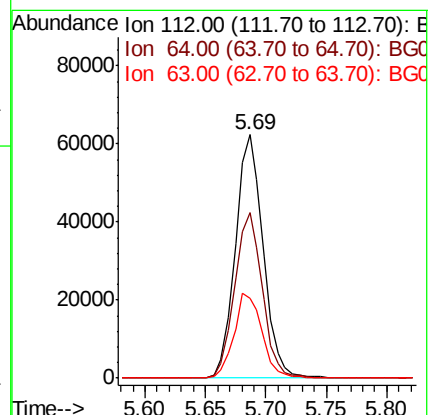
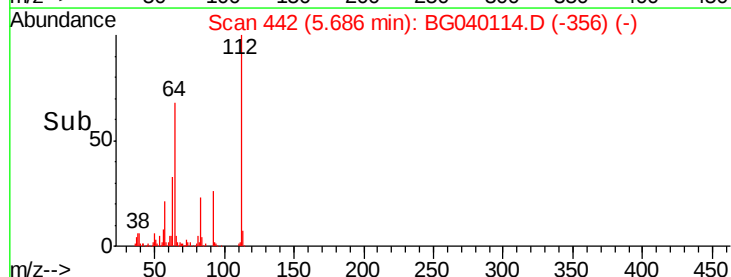


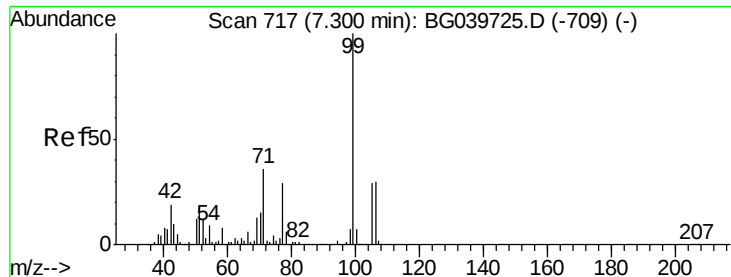
Abundance

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: 25.393 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-D-M

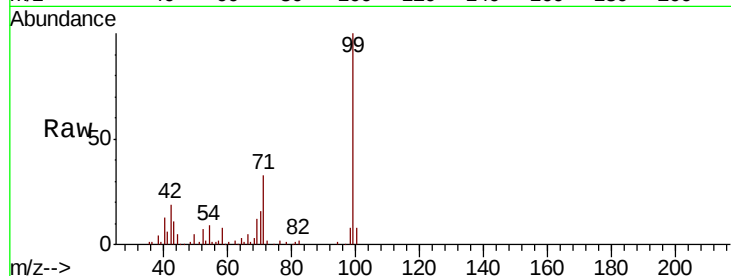
Tot Ion: 99 Resp: 91290

Ion Ratio Lower Upper

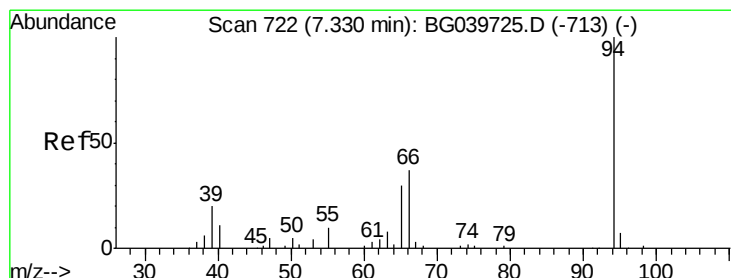
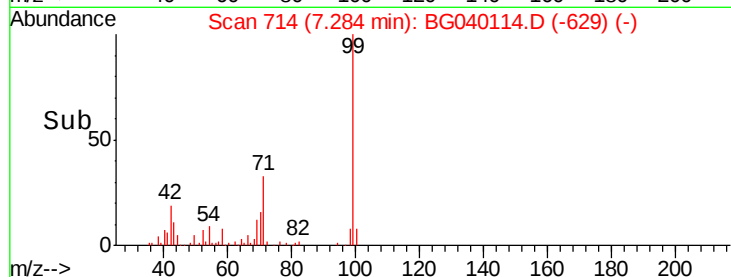
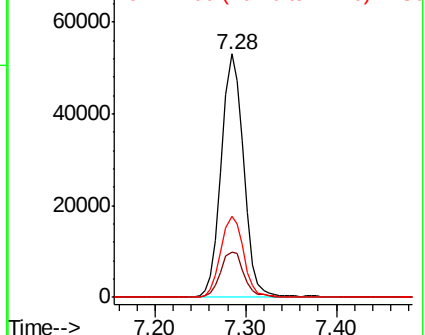
99 100

42 18.7 18.2 27.2

71 33.4 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



#10

Phenol

Concen: 2.737 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.03 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

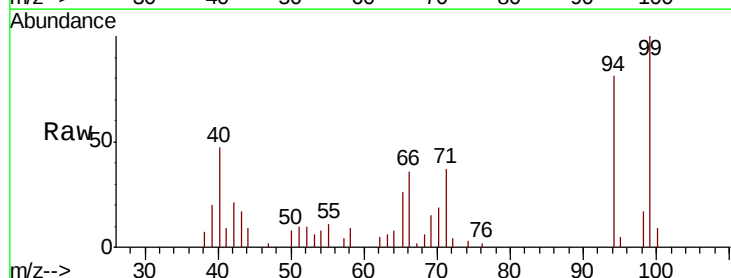
Tgt Ion: 94 Resp: 10661

Ion Ratio Lower Upper

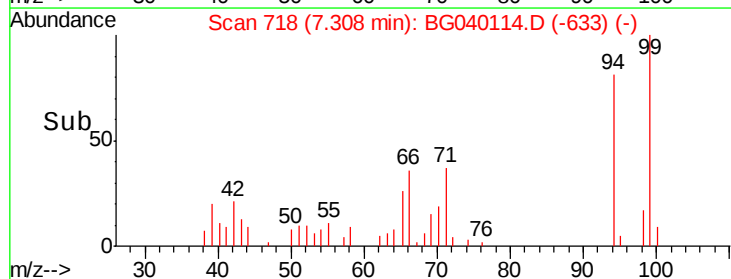
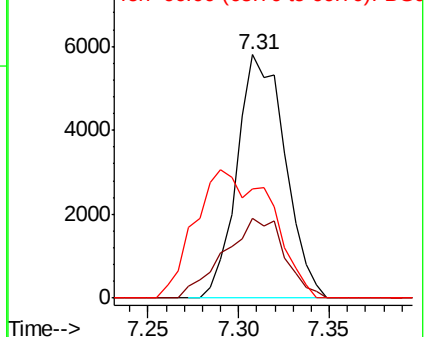
94 100

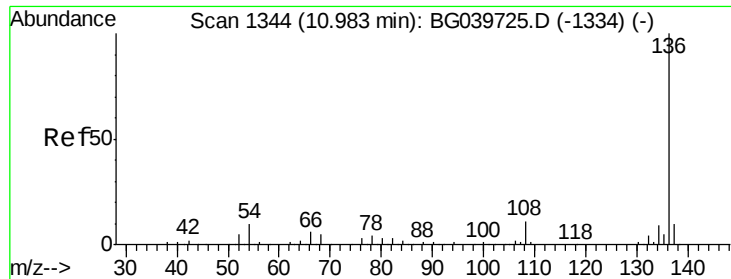
65 32.6 11.7 51.7

66 44.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

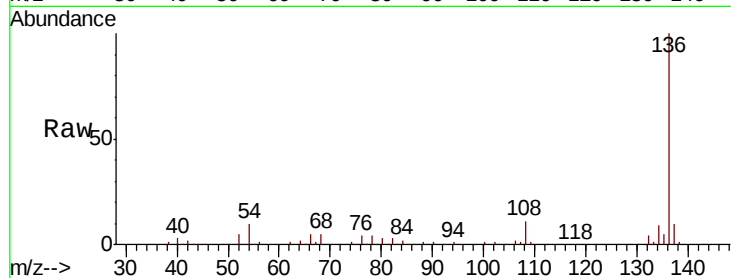




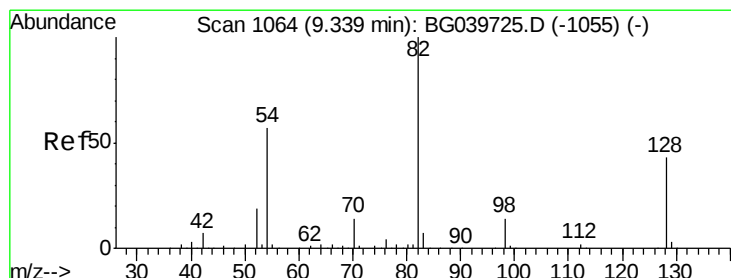
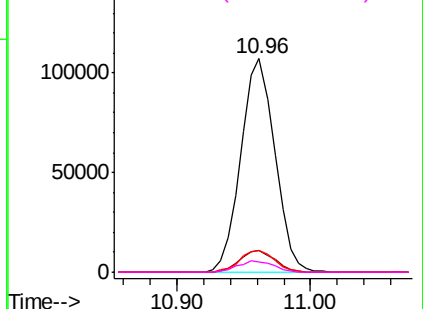
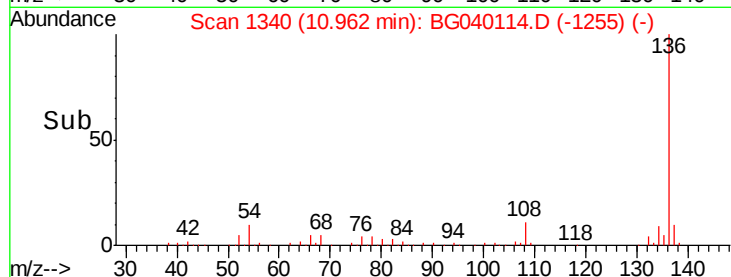
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-D-M

Tot Ion:136	Resp:	189314
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.1 13.7
54	10.3	9.4 14.2
68	5.1	4.2 6.4

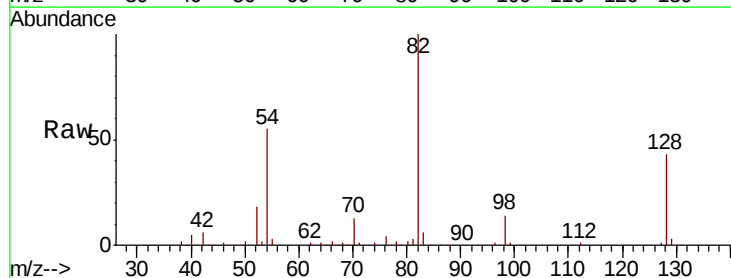


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

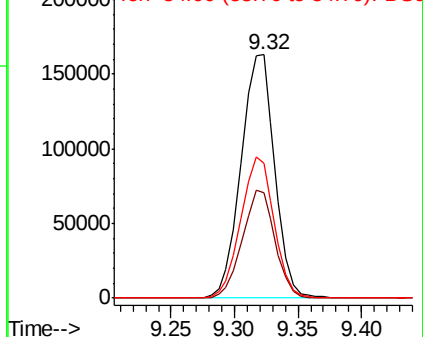
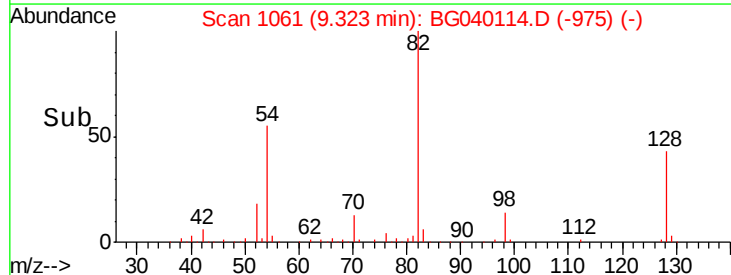


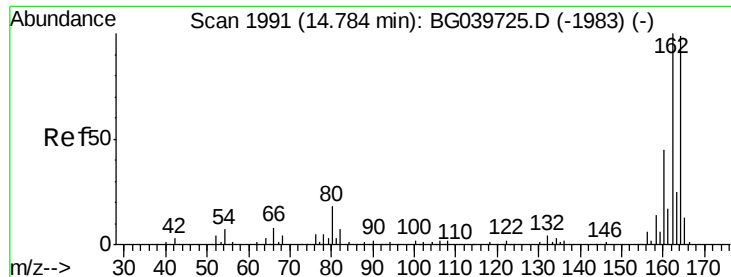
#23
Nitrobenzene-d5
Concen: 85.695 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Tgt Ion: 82	Resp:	299965
Ion	Ratio	Lower Upper
82	100	
128	43.0	31.3 46.9
54	55.3	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

Instrument :

BNA_G

ClientSampleId :

031919-LIFT-F-D-M

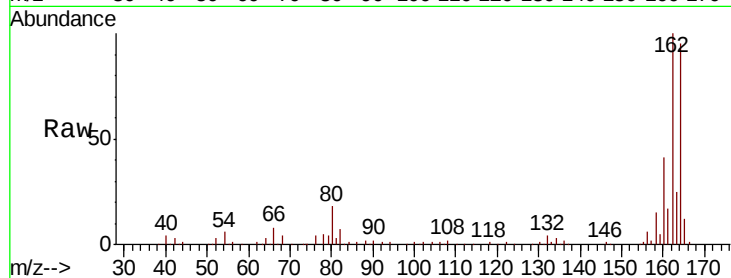
Tot Ion:164 Resp: 131875

Ion Ratio Lower Upper

164 100

162 105.6 81.6 122.4

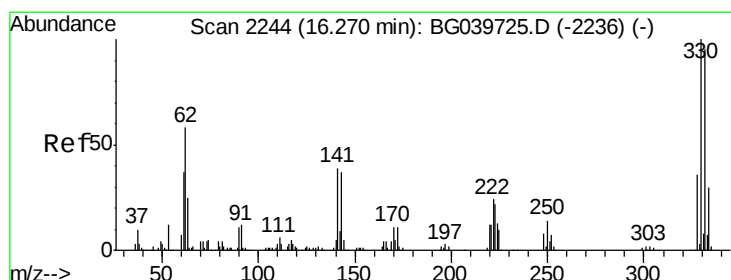
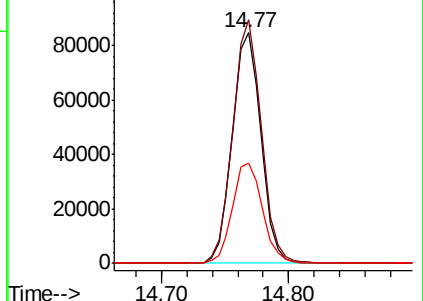
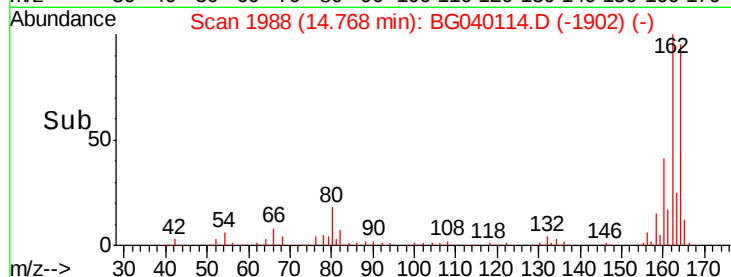
160 43.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 88.752 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040114.D

Acq: 23 Mar 2019 12:52

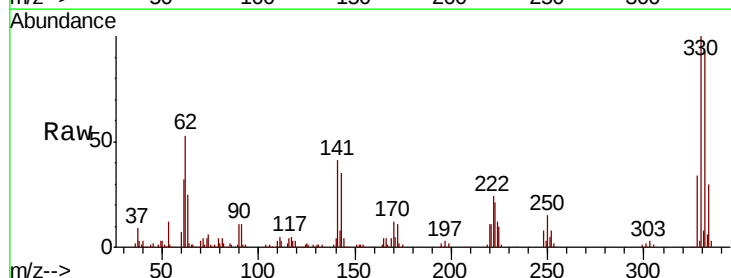
Tgt Ion:330 Resp: 136420

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

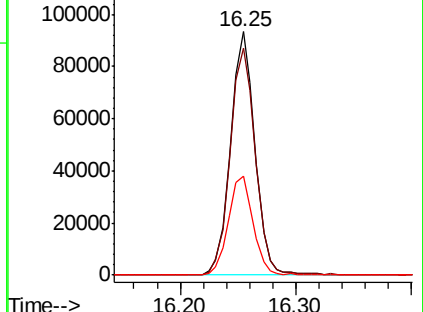
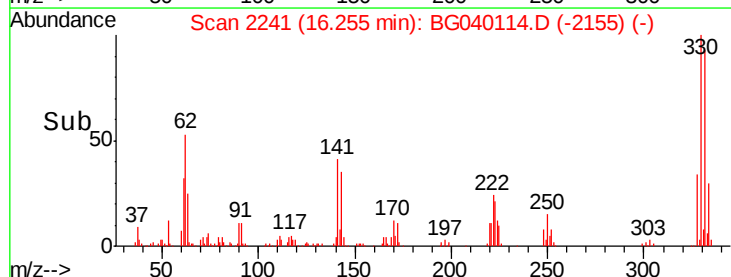
141 41.3 35.6 53.4

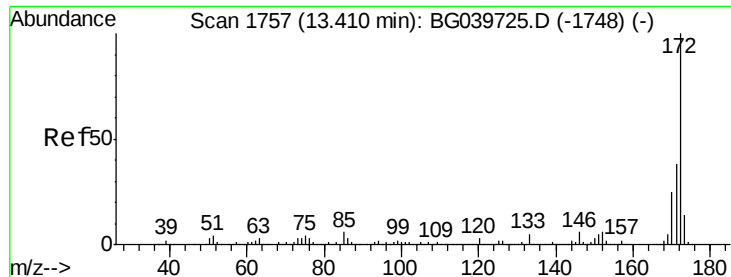


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

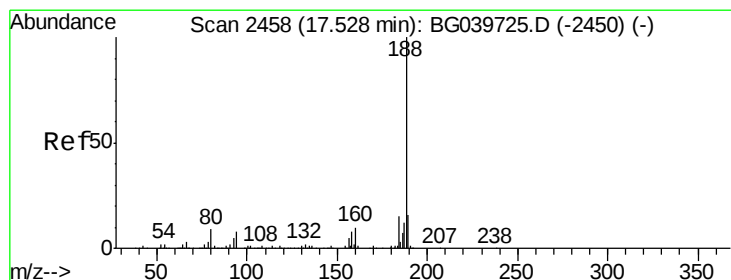
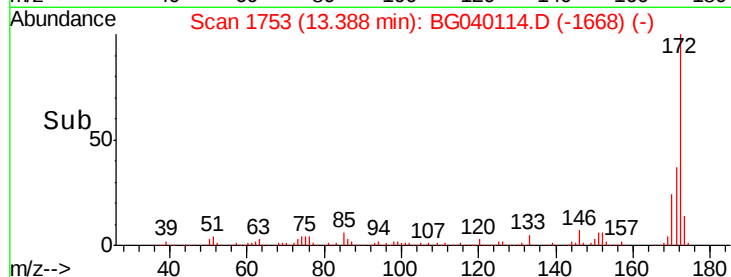
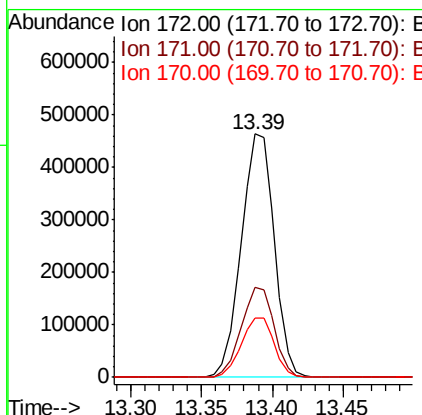
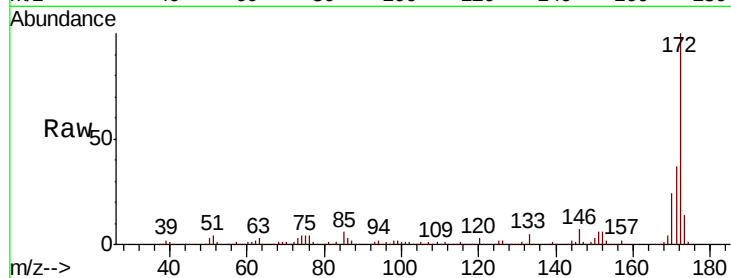




#45
 2-Fluorobiphenyl
 Concen: 81.934 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

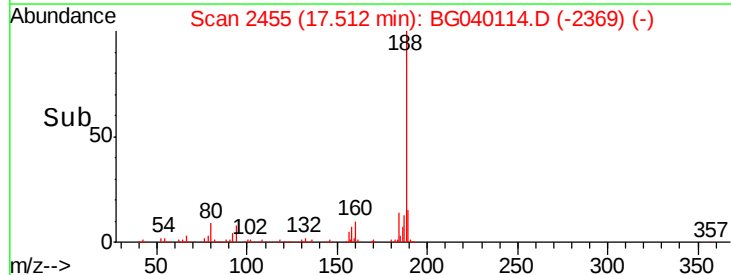
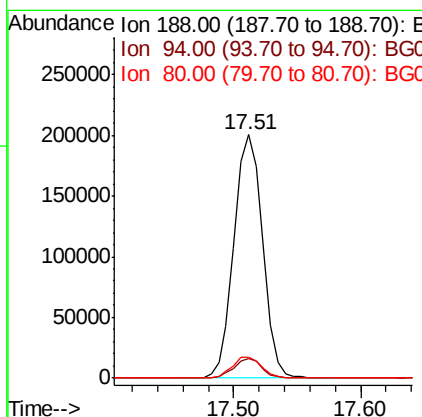
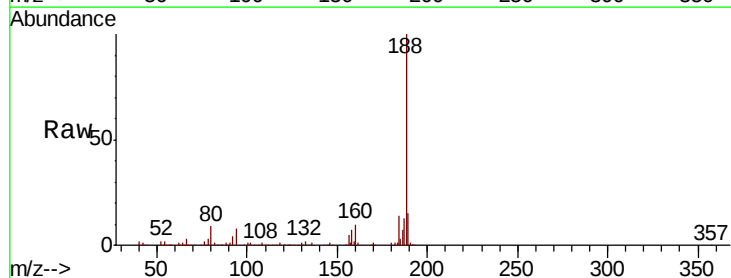
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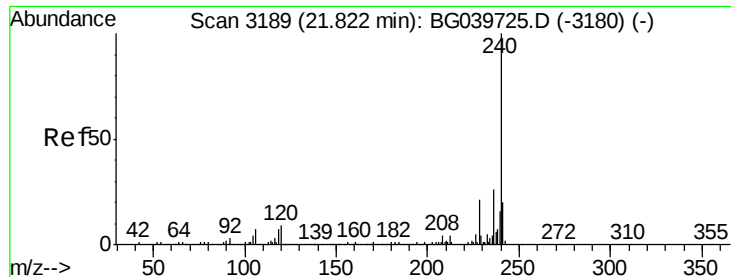
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.1	20.2	30.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040114.D
 Acq: 23 Mar 2019 12:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.6	8.1	12.1

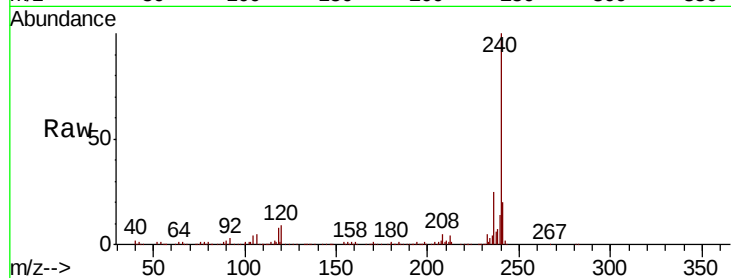




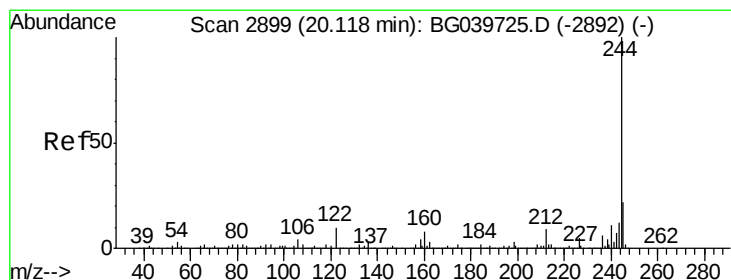
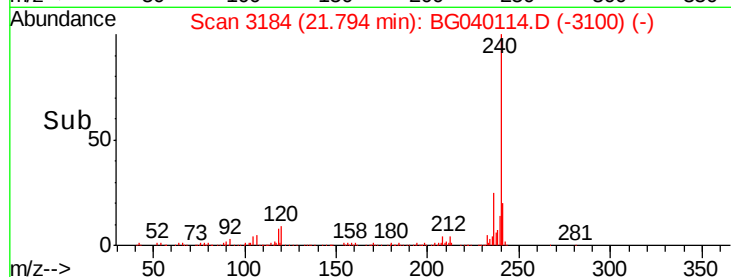
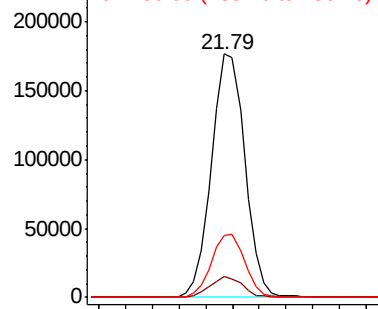
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-D-M

Tot Ion:240 Resp: 307080
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.3 21.0 31.4

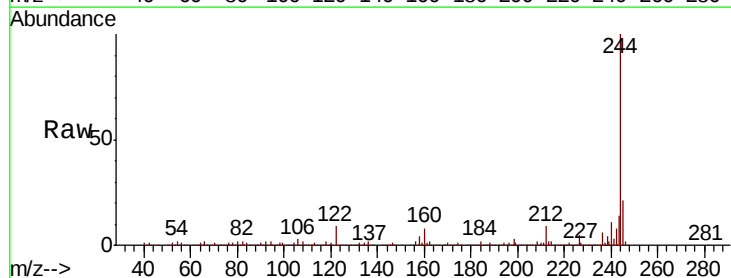


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

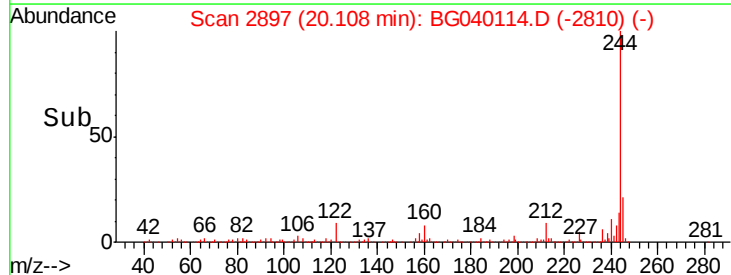
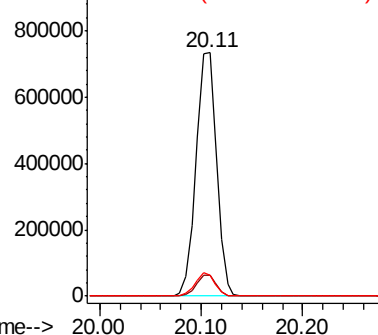


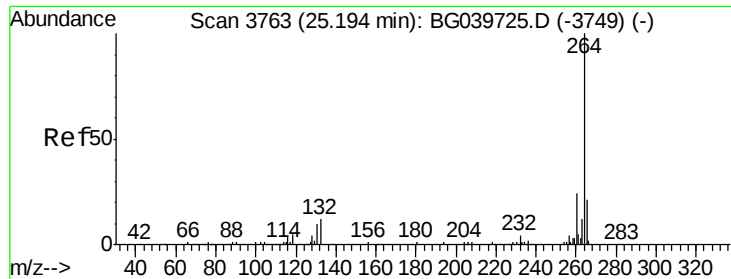
#79
Terphenyl-d14
Concen: 74.224 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Tgt Ion:244 Resp: 1035186
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 8.7 8.4 12.6



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

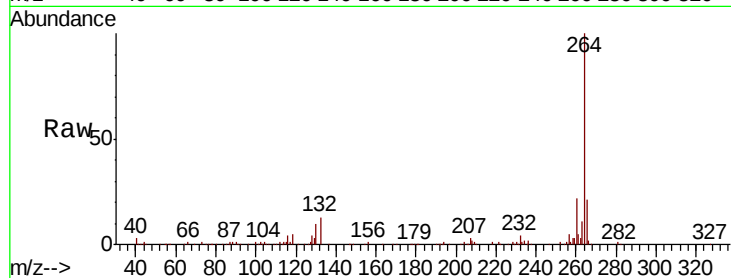




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040114.D
Acq: 23 Mar 2019 12:52

Instrument :
BNA_G
ClientSampleId :
031919-LIFT-F-D-M

Tot Ion:	264	Resp:	310593
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	21.3	18.5	27.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

