

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040089.D
 Acq On : 22 Mar 2019 18:55
 Operator : JU/SJ
 Sample : K2032-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031819-LIFT-F-D-B

Quant Time: Mar 23 02:27:20 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	43769	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	173020	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	113915	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	282593	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	303944	20.00	ng	-0.03
87) Perylene-d12	25.16	264	298087	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	98116	38.24	ng	-0.02
7) Phenol-d6	7.28	99	84380	22.06	ng	-0.03
23) Nitrobenzene-d5	9.32	82	265127	82.88	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	106867	80.49	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	639390	79.92	ng	-0.03
79) Terphenyl-d14	20.11	244	944393	68.41	ng	-0.02

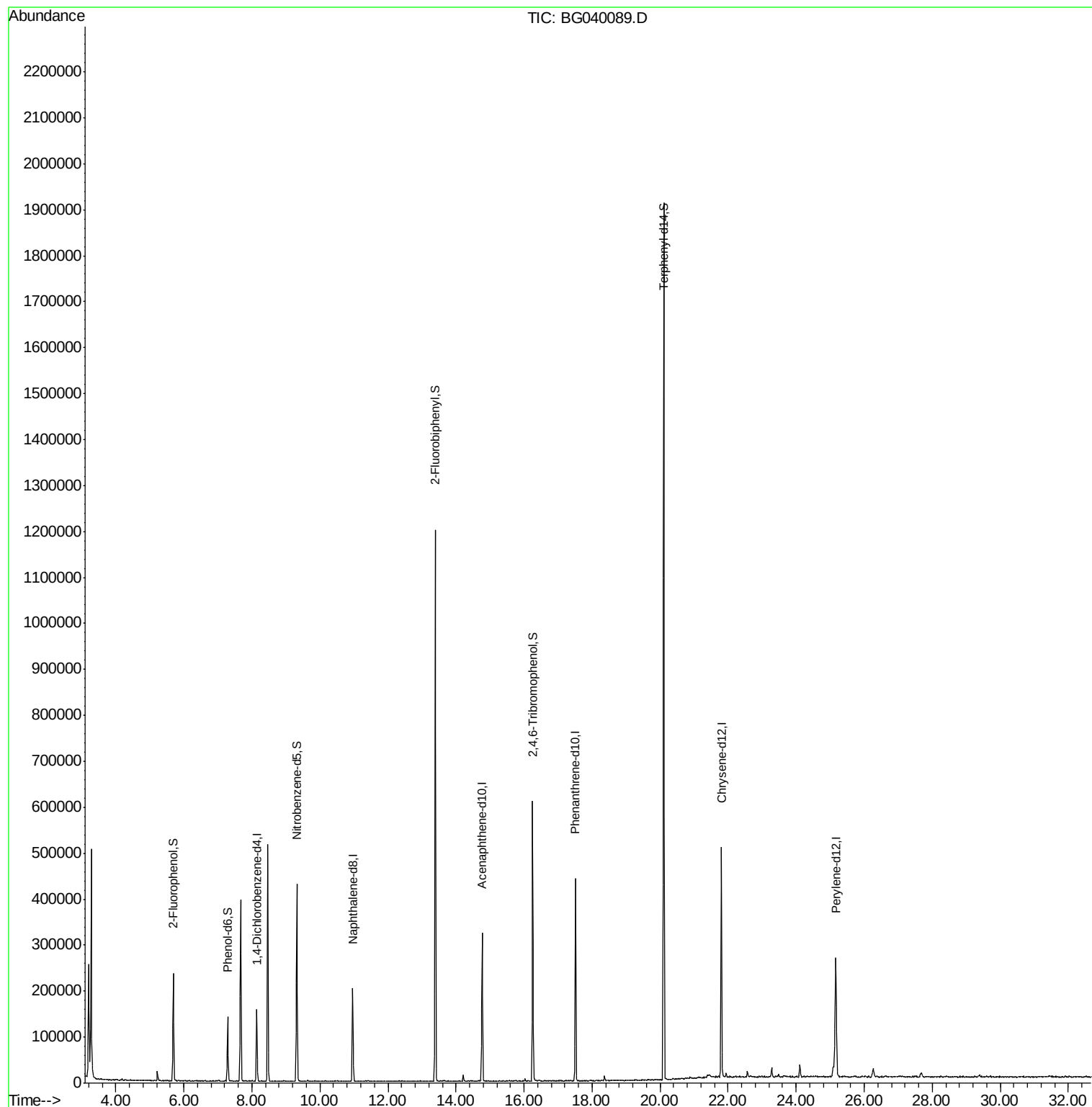
Target Compounds Qvalue

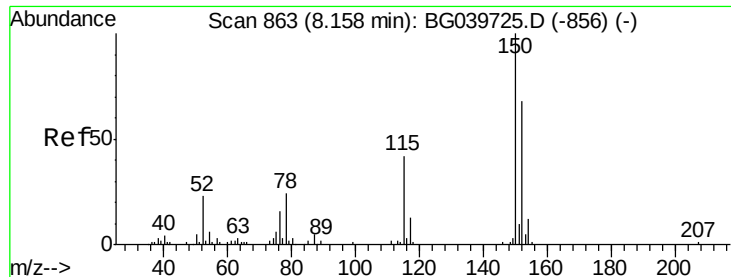
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040089.D
Acq On : 22 Mar 2019 18:55
Operator : JU/SJ
Sample : K2032-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
031819-LIFT-F-D-B

Quant Time: Mar 23 02:27:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-D-B

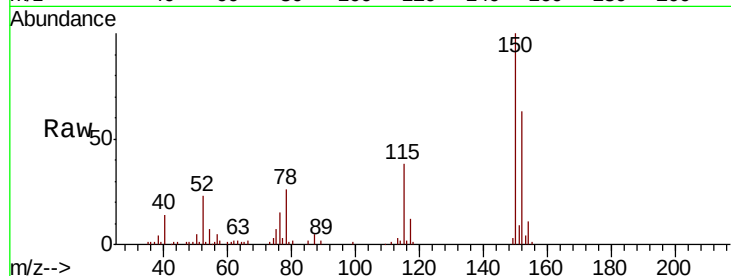
Tot Ion:152 Resp: 43769

Ion Ratio Lower Upper

152 100

150 159.0 123.7 185.5

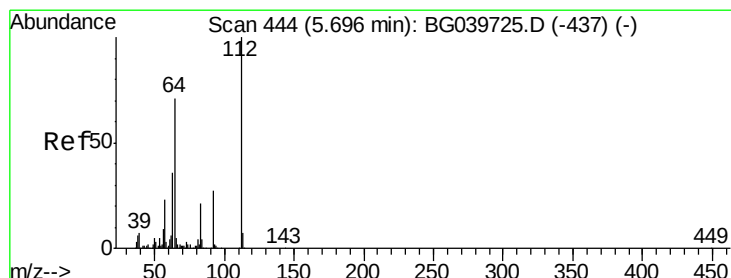
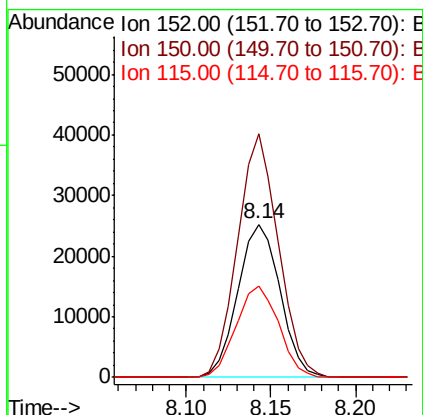
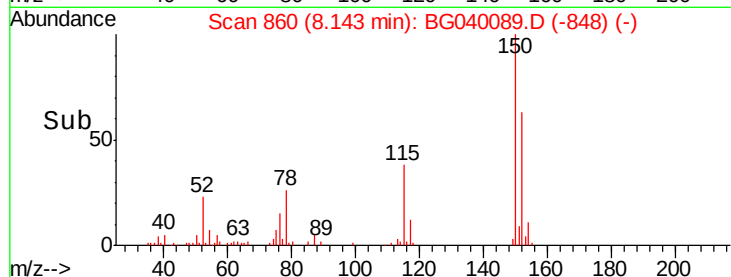
115 59.9 45.9 68.9



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: 38.243 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

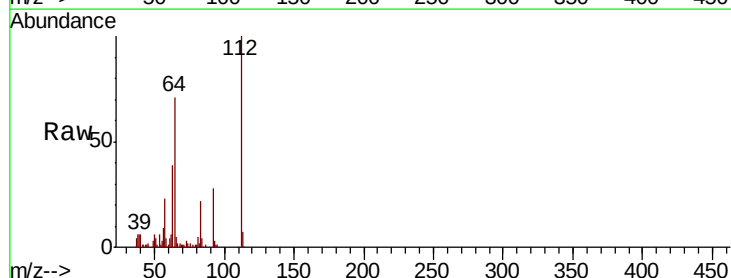
Tgt Ion:112 Resp: 98116

Ion Ratio Lower Upper

112 100

64 70.5 57.8 86.8

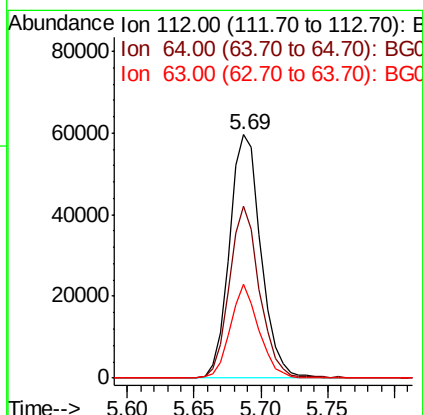
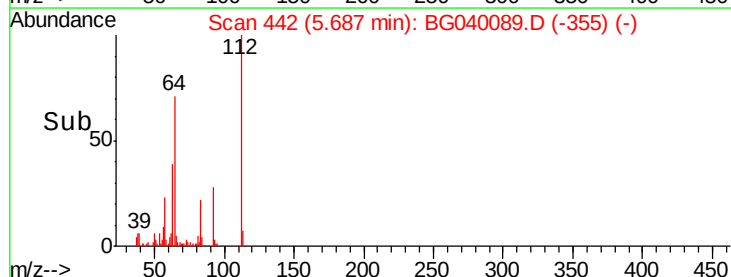
63 38.5 29.8 44.6

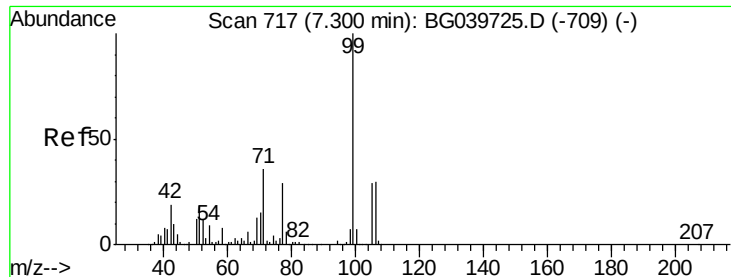


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.058 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-D-B

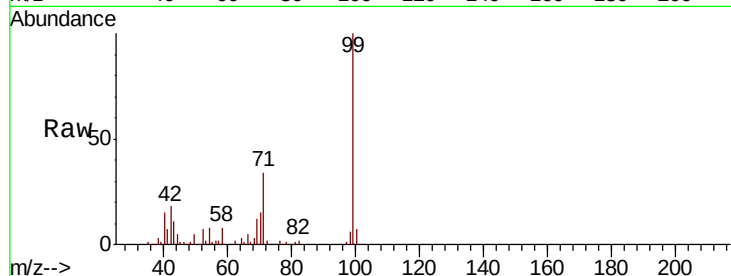
Tot Ion: 99 Resp: 84380

Ion Ratio Lower Upper

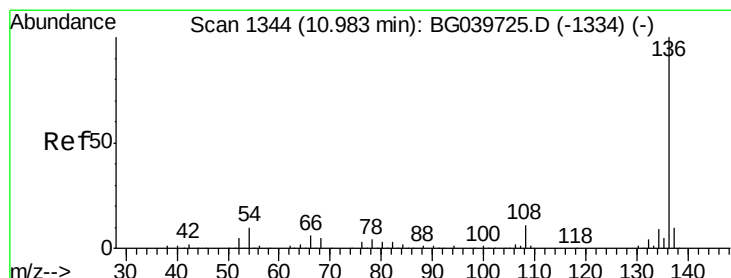
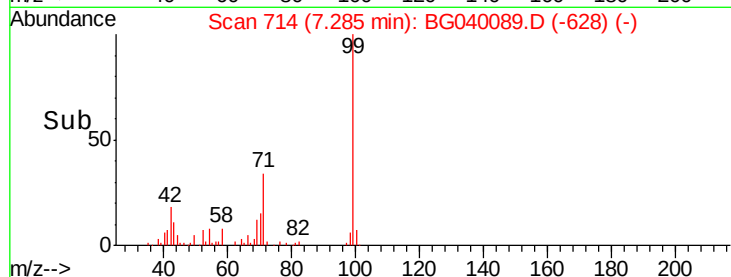
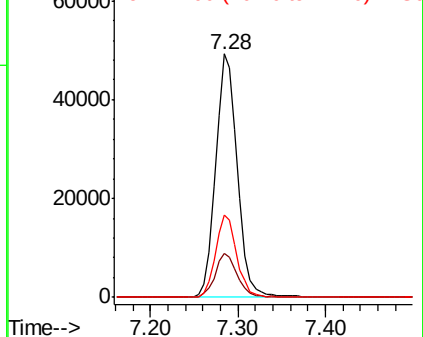
99 100

42 17.8 18.2 27.2#

71 33.8 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

Tgt Ion: 136 Resp: 173020

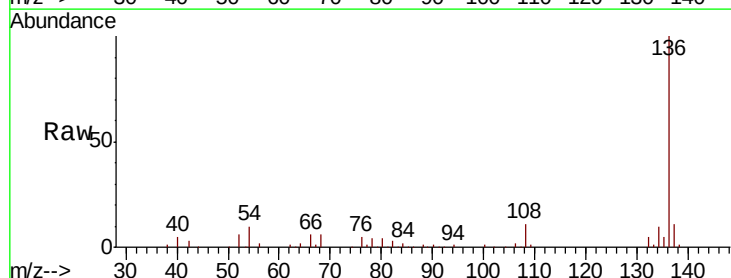
Ion Ratio Lower Upper

136 100

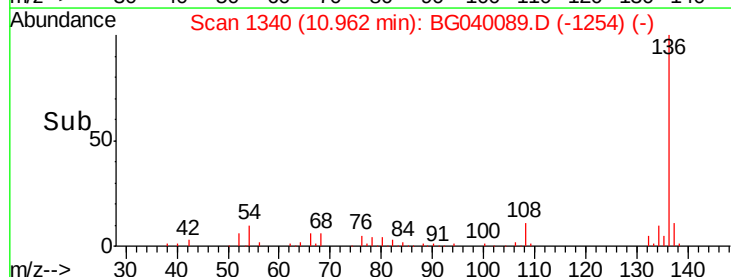
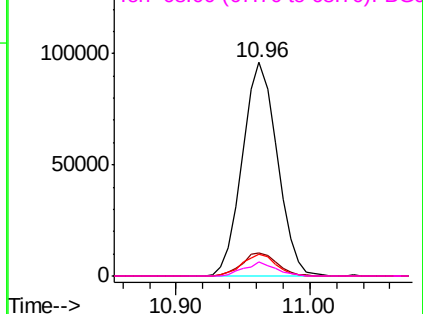
137 11.0 9.1 13.7

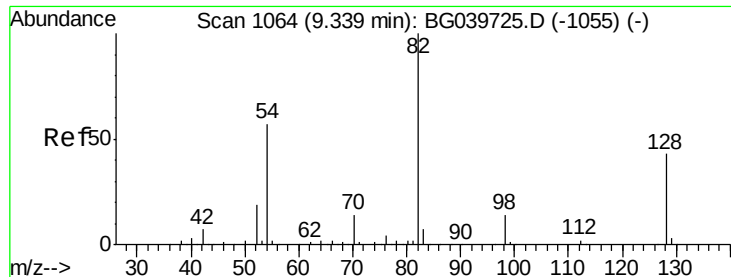
54 10.1 9.4 14.2

68 6.4 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

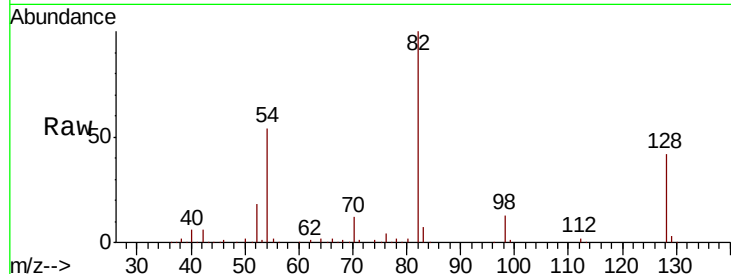




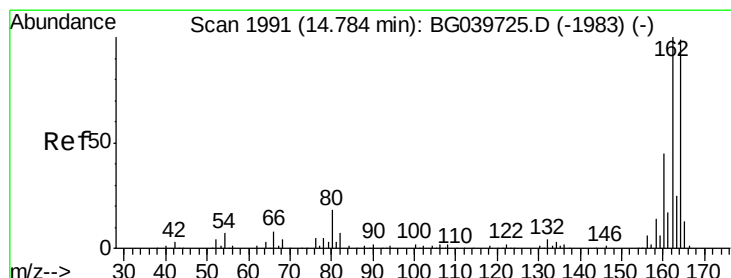
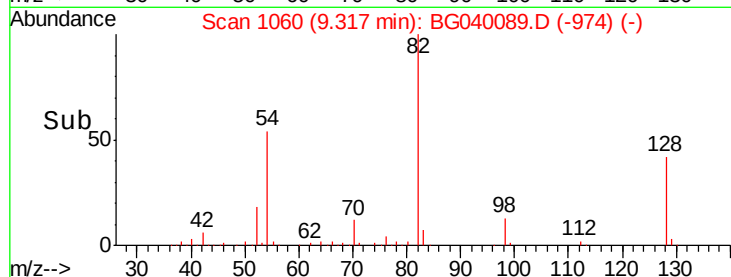
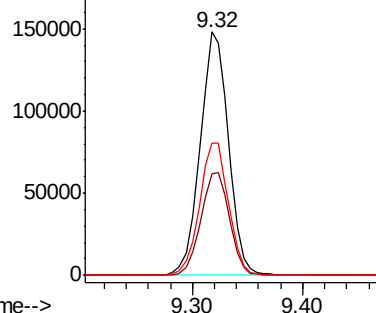
#23
 Nitrobenzene-d5
 Concen: 82.876 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040089.D
 Acq: 22 Mar 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 031819-LIFT-F-D-B

Tot Ion	82	Resp	265127
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.3	46.9
54	54.3	50.9	76.3

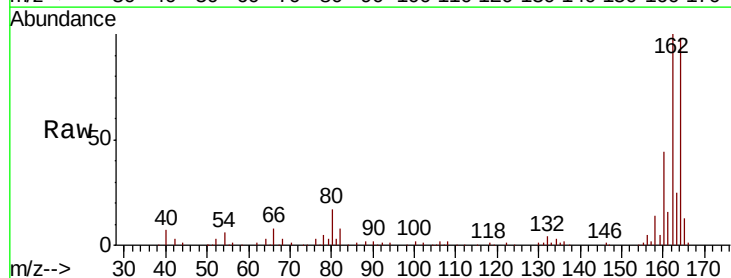


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

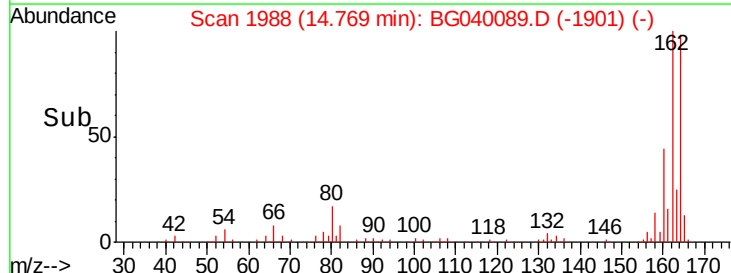
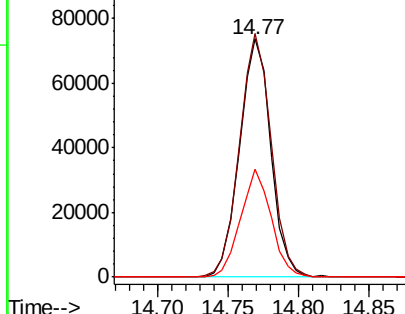


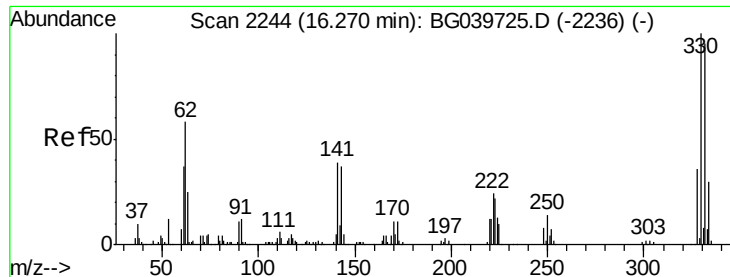
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040089.D
 Acq: 22 Mar 2019 18:55

Tgt Ion	164	Resp	113915
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.6	122.4
160	45.4	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 80.486 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-D-B

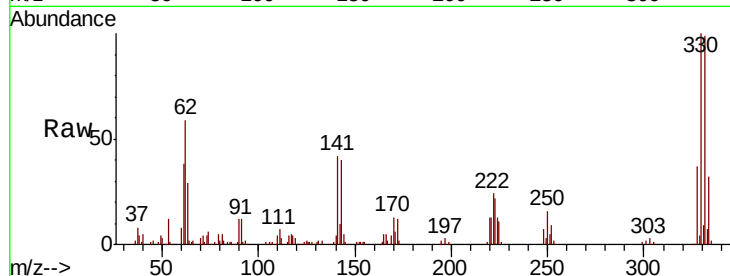
Tot Ion:330 Resp: 106867

Ion Ratio Lower Upper

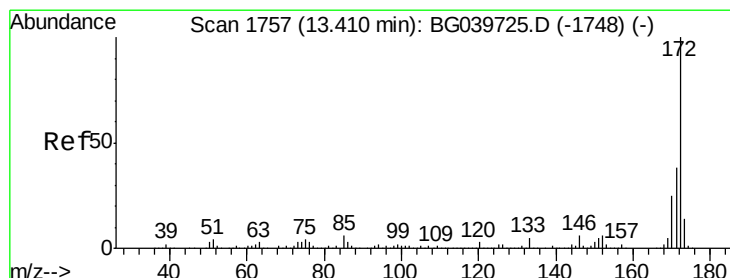
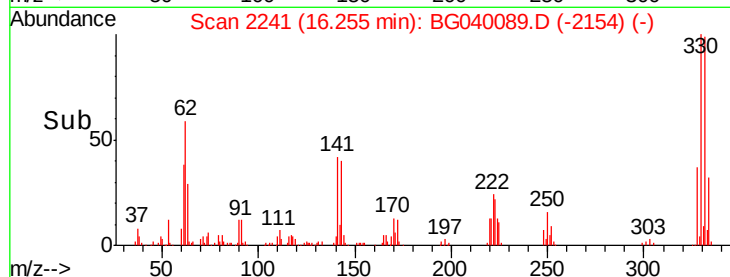
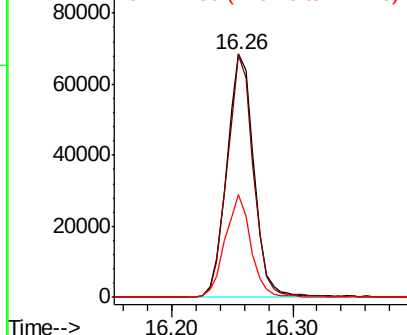
330 100

332 96.2 75.7 113.5

141 40.1 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: 79.918 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

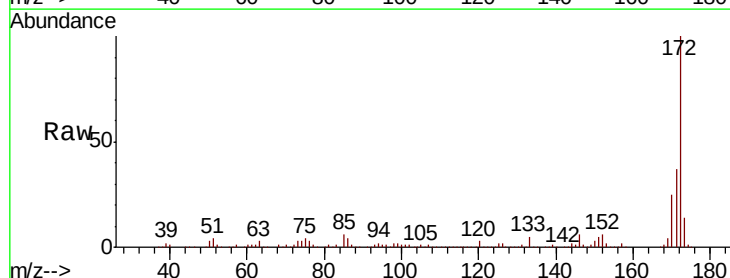
Tgt Ion:172 Resp: 639390

Ion Ratio Lower Upper

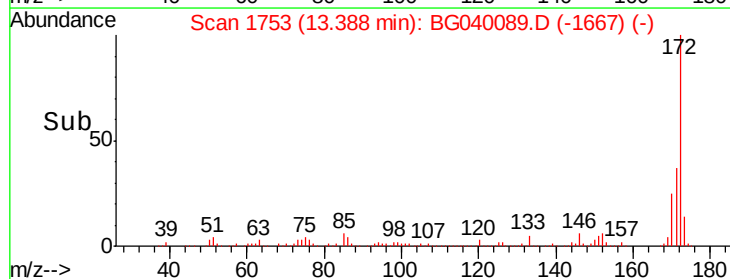
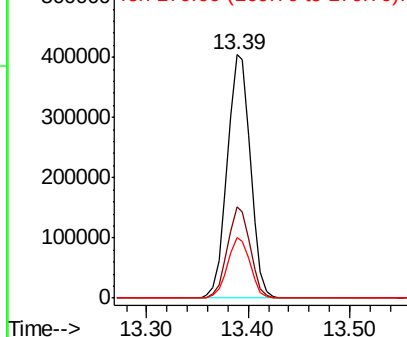
172 100

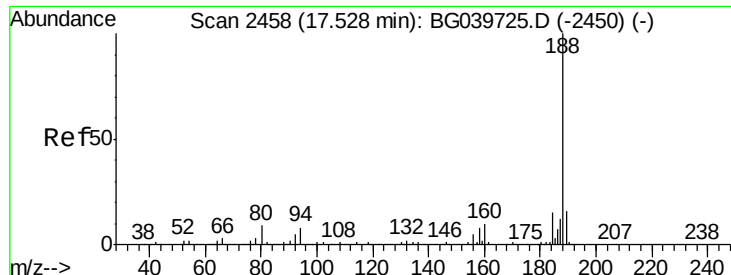
171 37.3 30.8 46.2

170 25.0 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

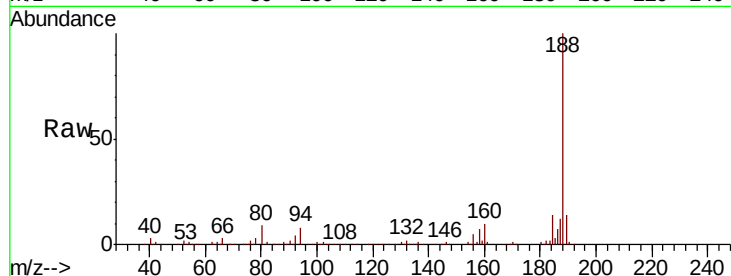




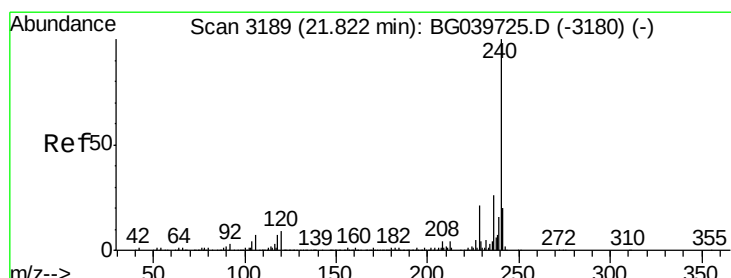
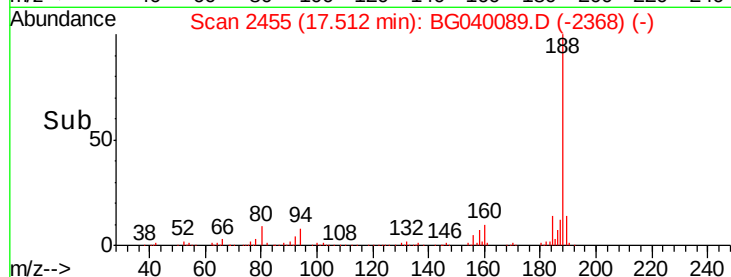
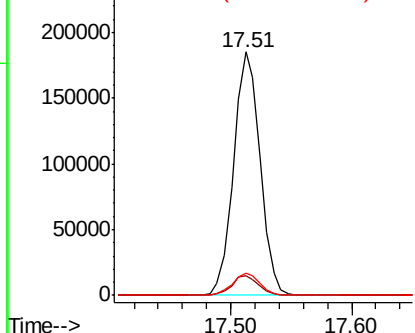
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040089.D
Acq: 22 Mar 2019 18:55

Instrument :
BNA_G
ClientSampleId :
031819-LIFT-F-D-B

Tot Ion:188 Resp: 282593
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 8.1 12.1

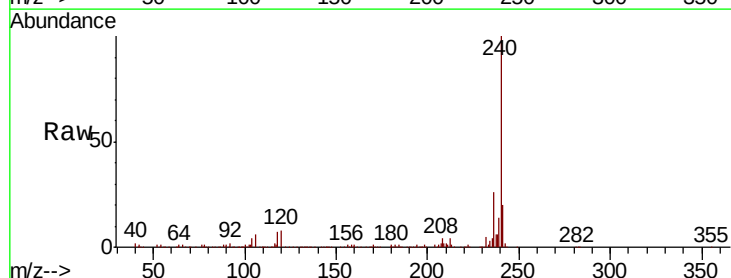


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

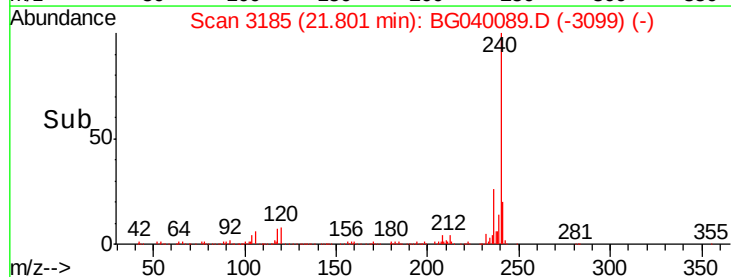
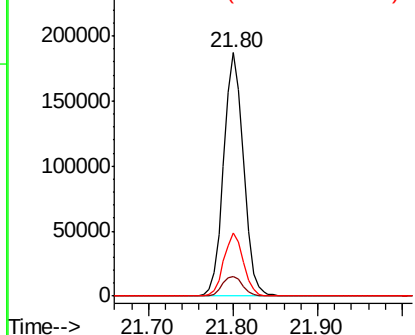


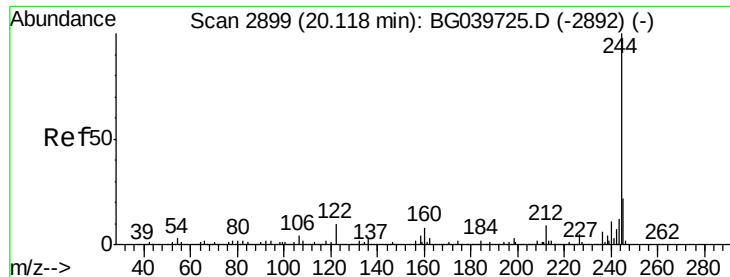
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040089.D
Acq: 22 Mar 2019 18:55

Tgt Ion:240 Resp: 303944
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.0 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: 68.413 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-D-B

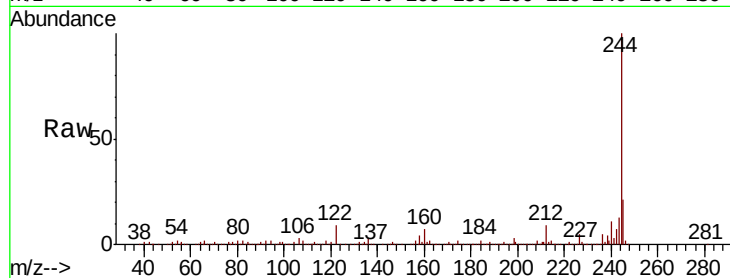
Tot Ion:244 Resp: 944393

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

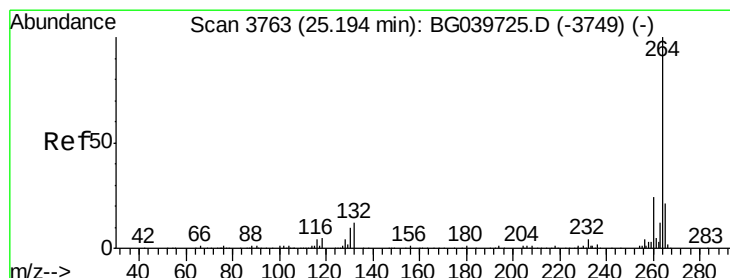
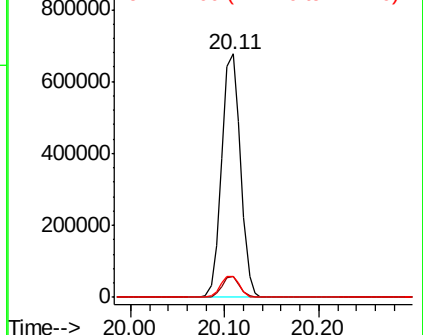
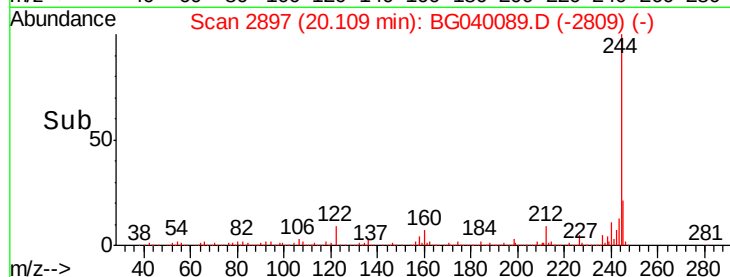
122 8.6 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040089.D

Acq: 22 Mar 2019 18:55

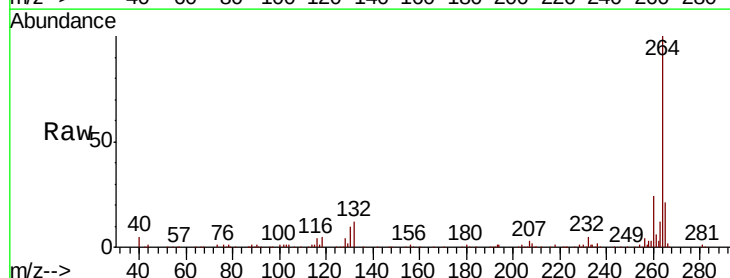
Tgt Ion:264 Resp: 298087

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.4 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

