

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040092.D
 Acq On : 22 Mar 2019 20:55
 Operator : JU/SJ
 Sample : K2032-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 23 02:30:57 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

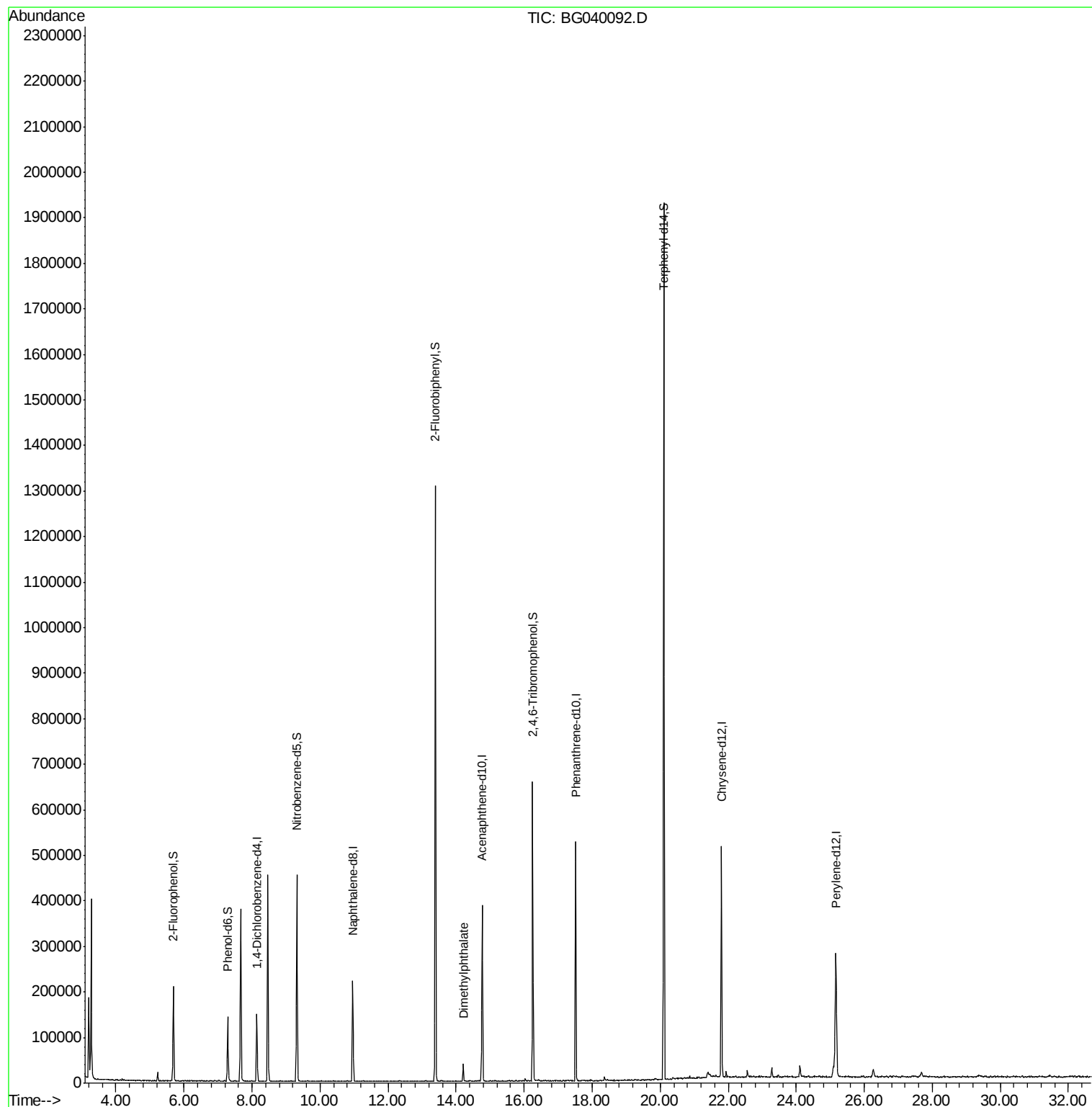
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41927	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	192084	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	137177	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	324838	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	313737	20.00	ng	-0.03
87) Perylene-d12	25.16	264	314408	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	90387	36.78	ng	-0.02
7) Phenol-d6	7.29	99	83468	22.78	ng	-0.02
23) Nitrobenzene-d5	9.32	82	263766	74.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	119875	74.97	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	684985	71.10	ng	-0.02
79) Terphenyl-d14	20.11	244	907691	63.70	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	28078	2.448	ng	Qvalue 97

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

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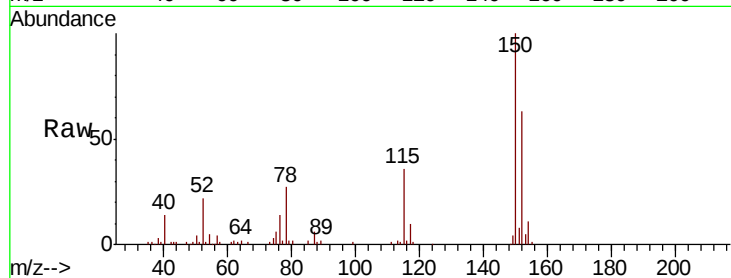


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.7	185.5
115	57.6	45.9	68.9

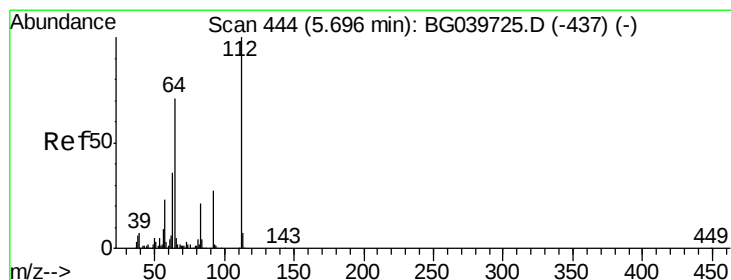
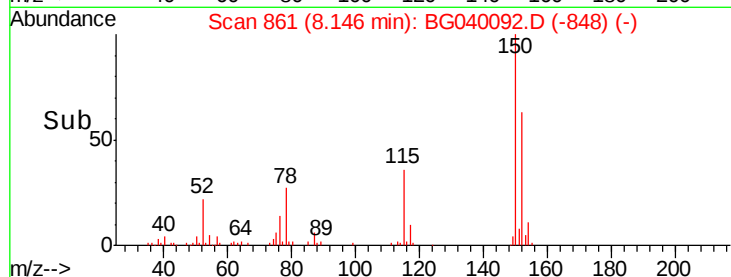
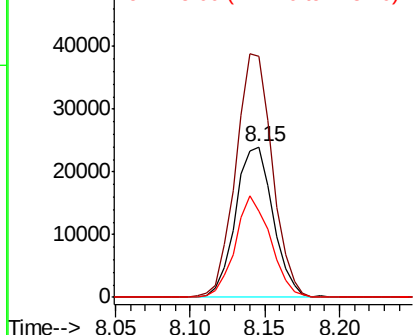


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

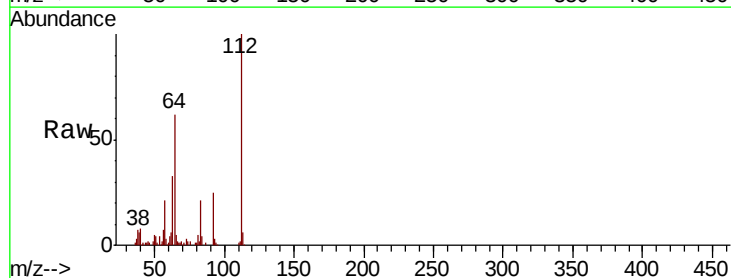
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.778 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	57.8	86.8
63	32.5	29.8	44.6

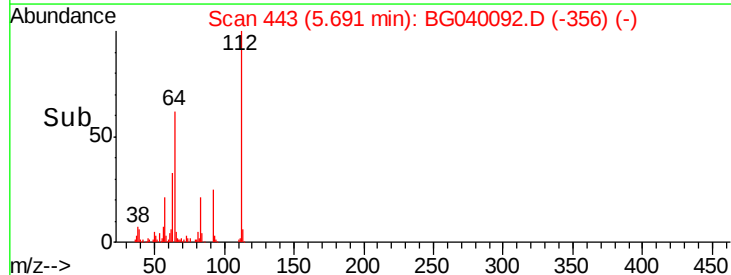
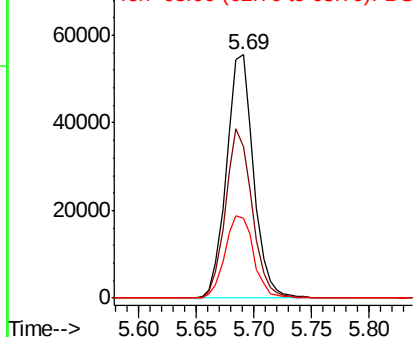


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 22.778 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-U-B

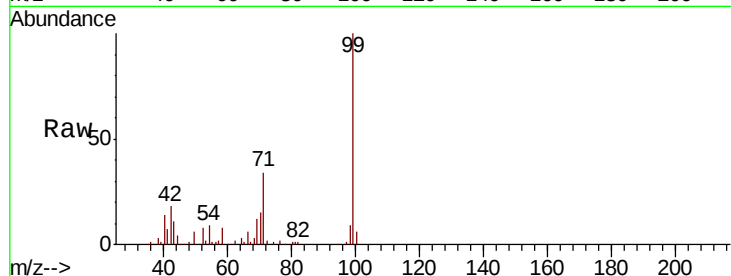
Tot Ion: 99 Resp: 83468

Ion Ratio Lower Upper

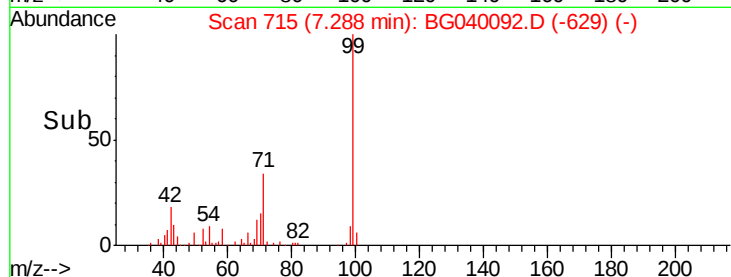
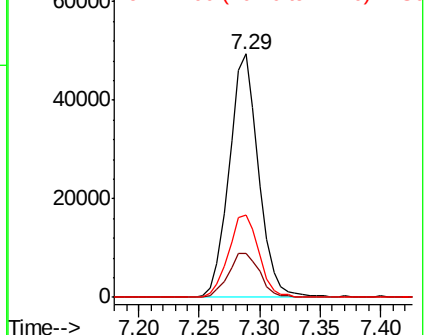
99 100

42 18.2 18.2 27.2

71 33.6 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: BG040092.D

Acq: 22 Mar 2019 20:55

Tgt Ion: 136 Resp: 192084

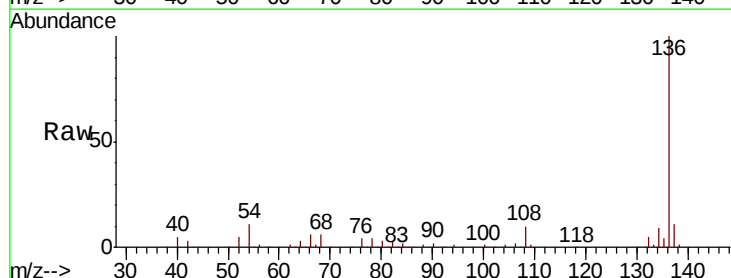
Ion Ratio Lower Upper

136 100

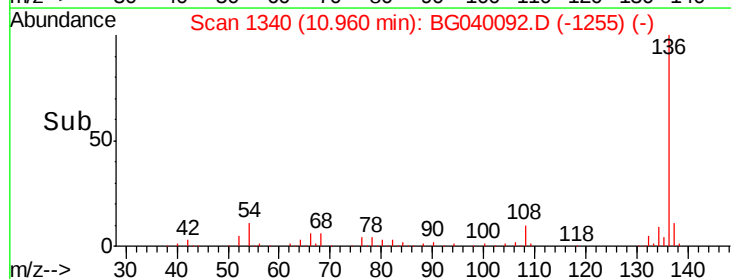
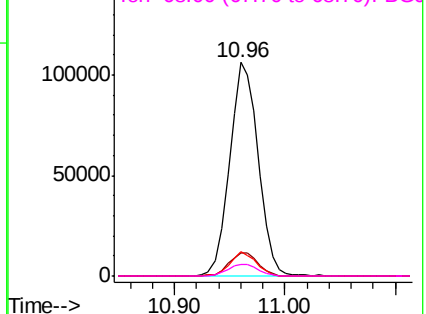
137 11.0 9.1 13.7

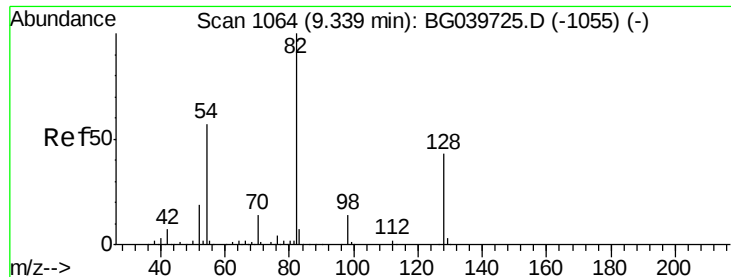
54 11.2 9.4 14.2

68 5.6 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

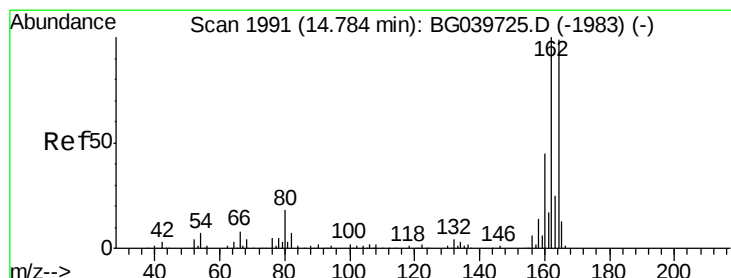
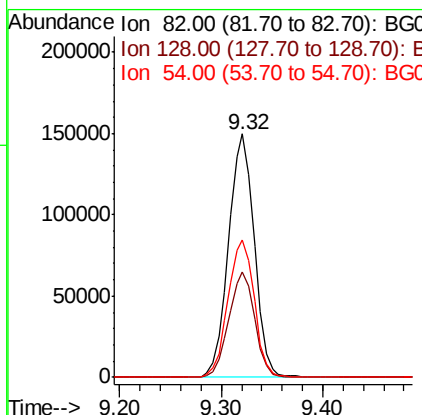
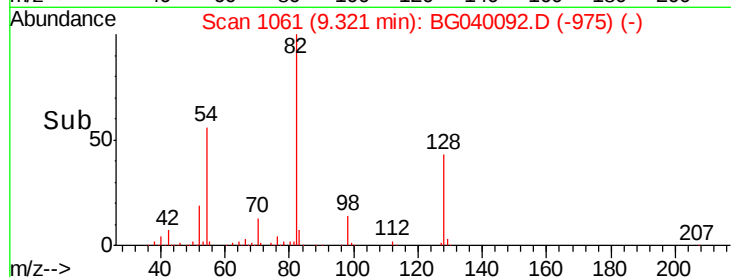
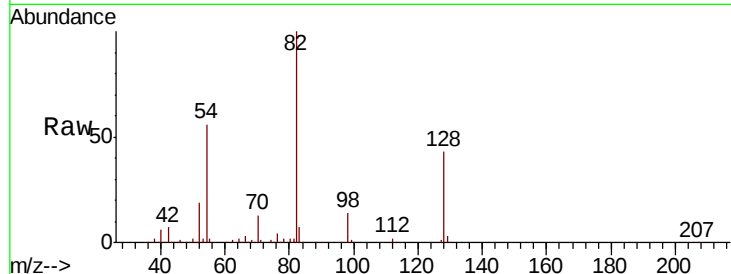




#23
Nitrobenzene-d5
Concen: 74.267 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

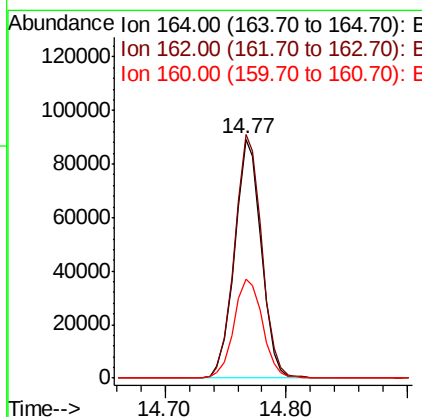
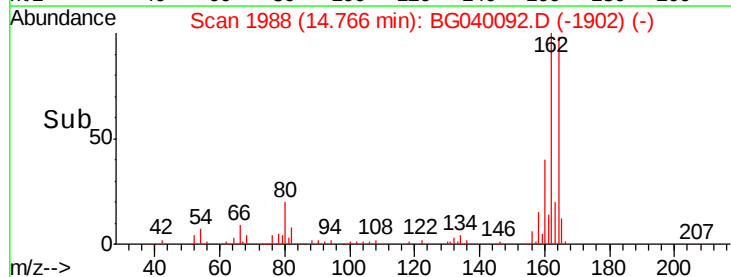
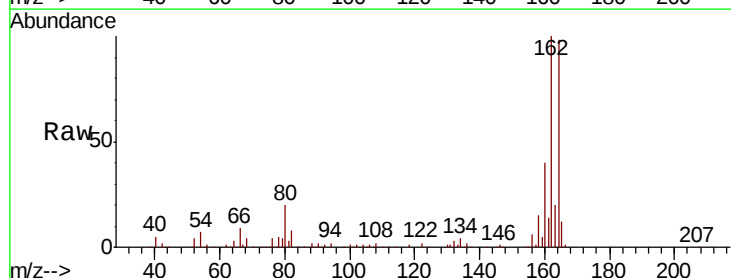
Instrument :
BNA_G
ClientSampleId :
031819-LIFT-F-U-B

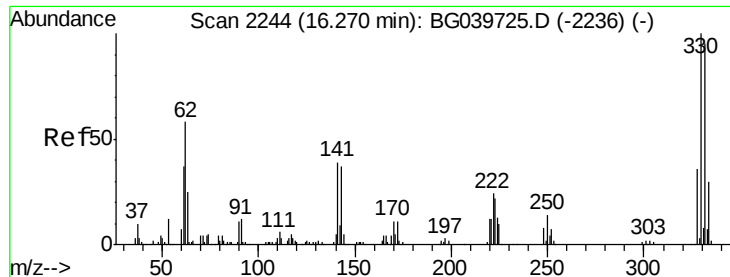
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.3	46.9
54	56.4	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	41.2	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 74.973 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-U-B

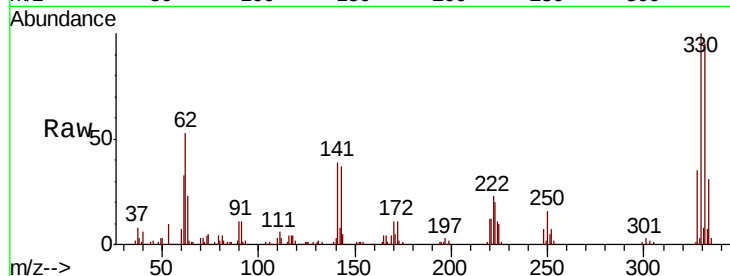
Tot Ion:330 Resp: 119875

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

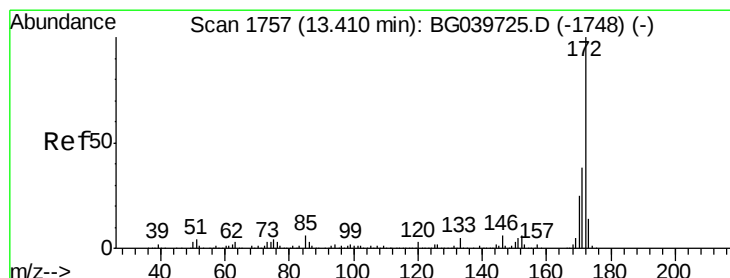
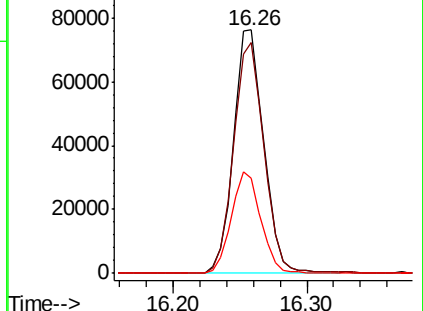
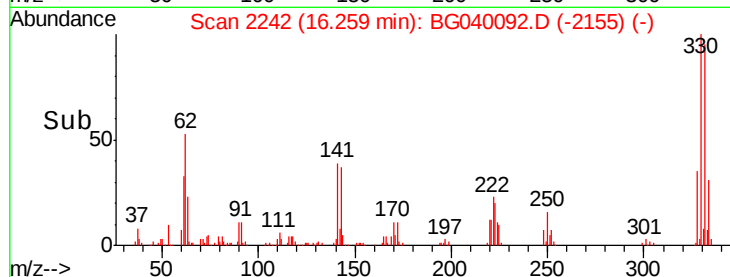
141 40.8 35.6 53.4



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: 71.098 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

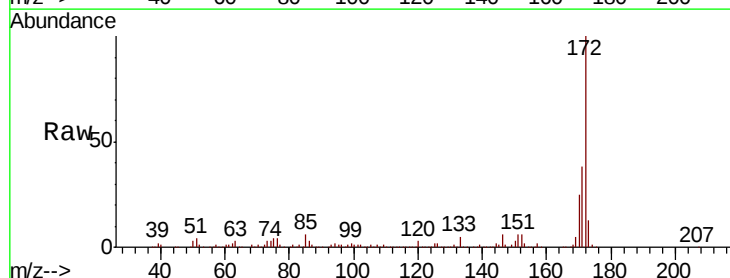
Tgt Ion:172 Resp: 684985

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

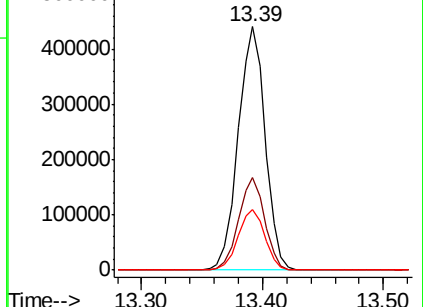
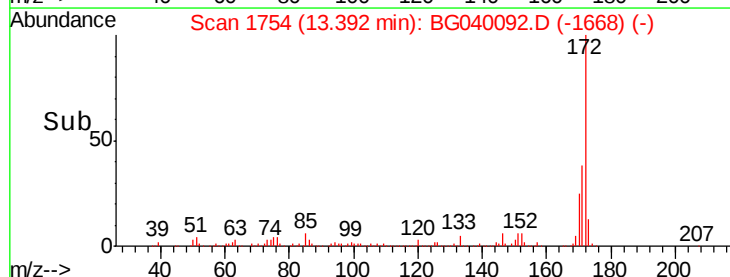
170 25.0 20.2 30.4

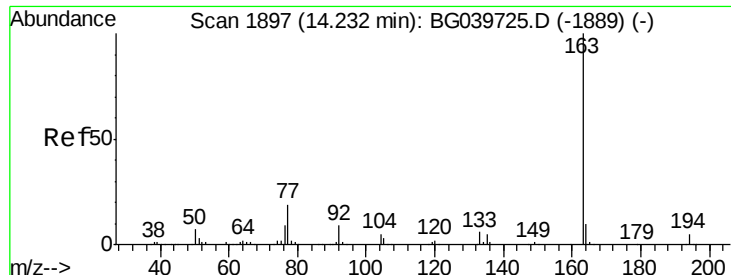


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.448 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-U-B

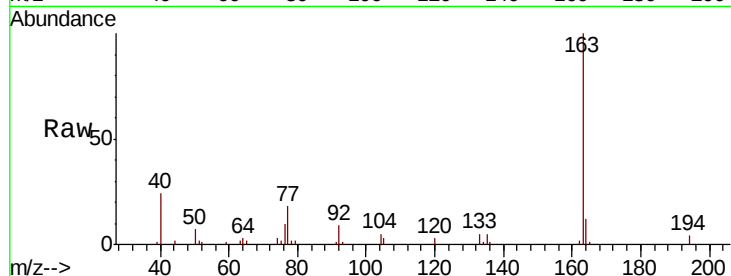
Tot Ion:163 Resp: 28078

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

164 12.2 8.4 12.6

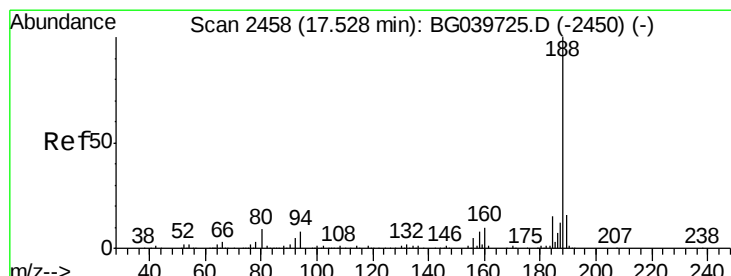
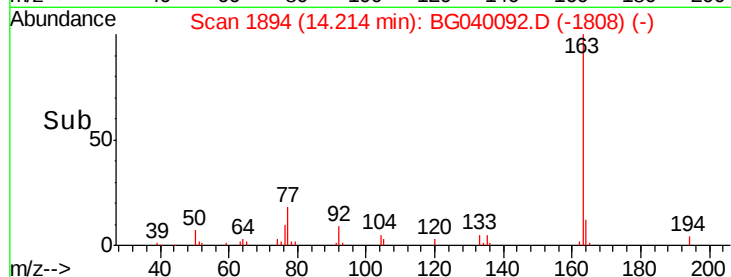
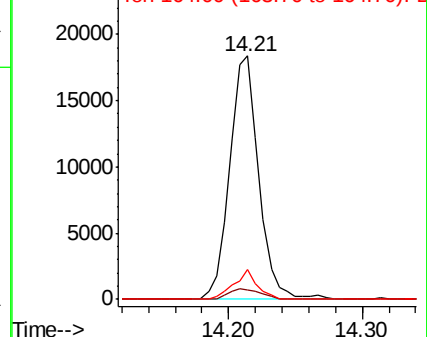


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040092.D

Acq: 22 Mar 2019 20:55

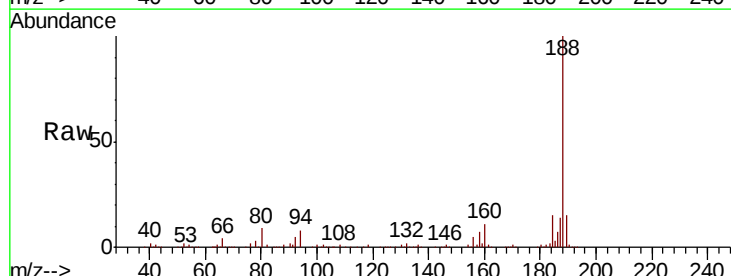
Tgt Ion:188 Resp: 324838

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

80 8.8 8.1 12.1

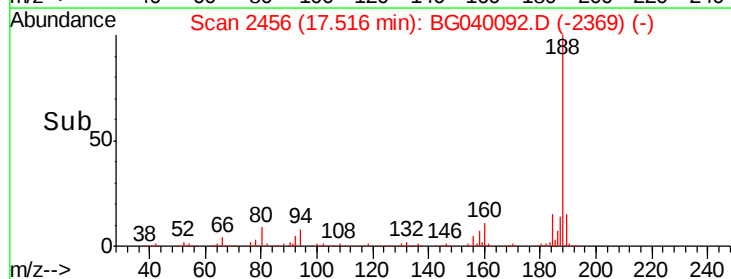
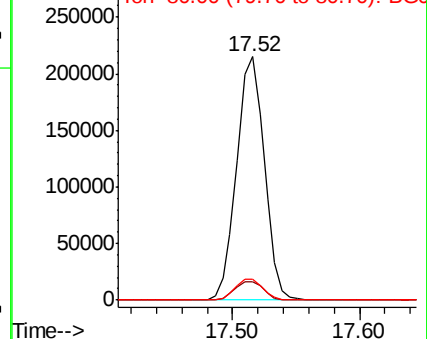


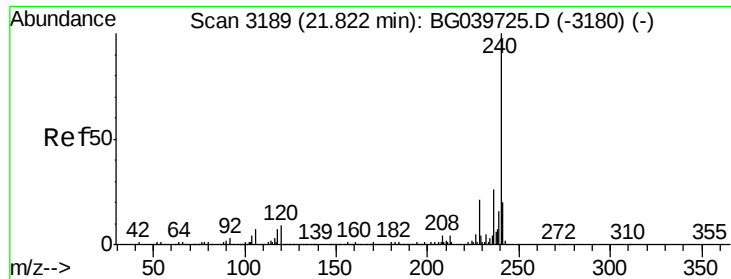
Abundance

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

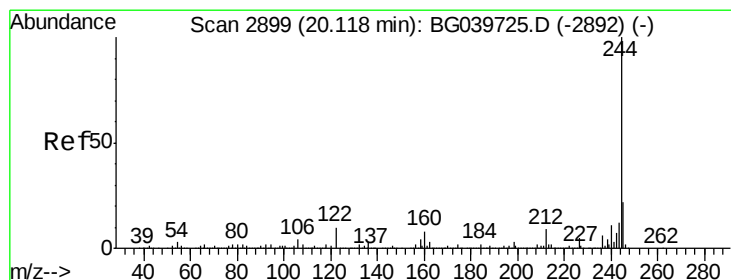
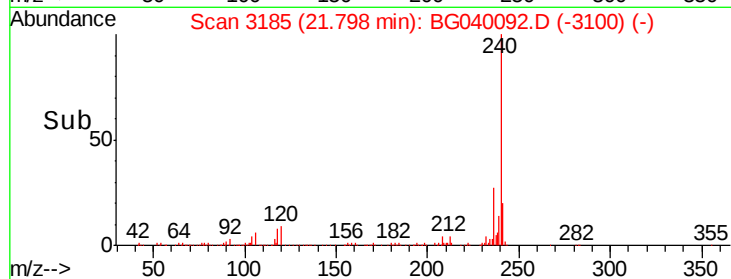
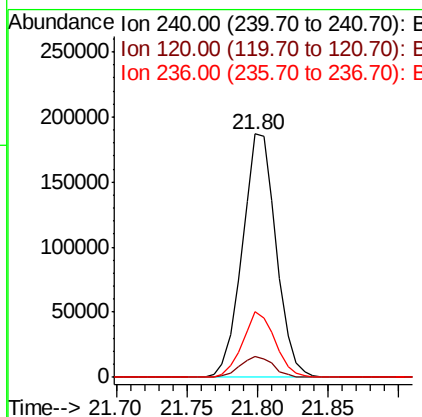
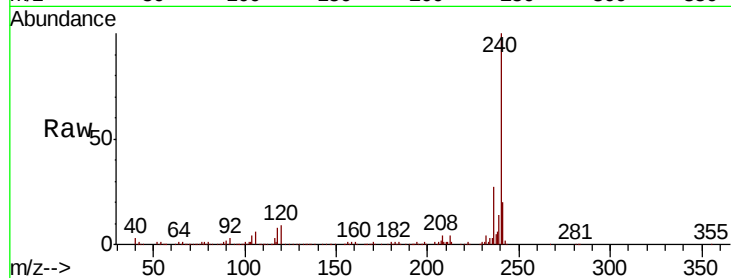




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

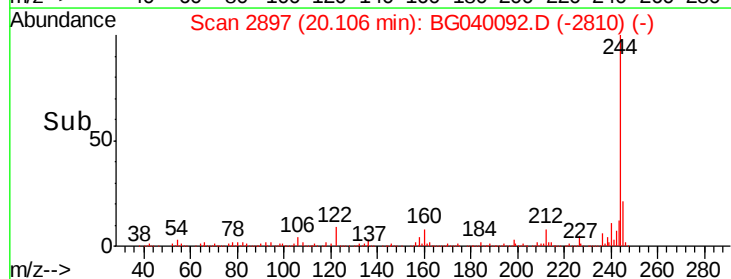
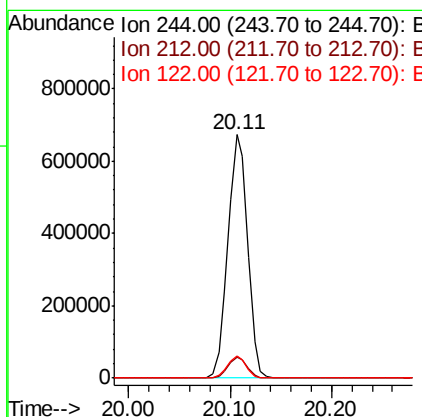
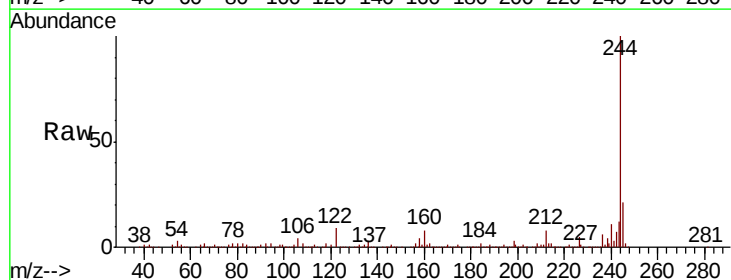
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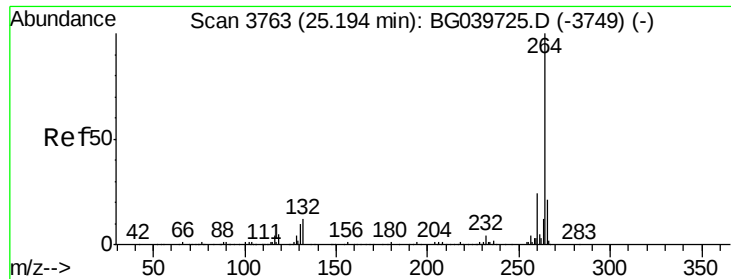
Tot Ion:240 Resp: 313737
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 26.9 21.0 31.4



#79
 Terphenyl-d14
 Concen: 63.702 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040092.D
 Acq: 22 Mar 2019 20:55

Tgt Ion:244 Resp: 907691
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.3 10.9
 122 9.2 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040092.D
Acq: 22 Mar 2019 20:55

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.9	18.5	27.7

