

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040093.D
 Acq On : 22 Mar 2019 21:35
 Operator : JU/SJ
 Sample : K2032-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 23 02:32:09 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	43418	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	196474	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	142797	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	338710	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	325082	20.00	ng	-0.02
87) Perylene-d12	25.16	264	325135	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	101330	39.82	ng	-0.02
7) Phenol-d6	7.29	99	93034	24.52	ng	-0.02
23) Nitrobenzene-d5	9.32	82	278997	76.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	131052	78.74	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	721283	71.92	ng	-0.02
79) Terphenyl-d14	20.11	244	984937	66.71	ng	-0.02

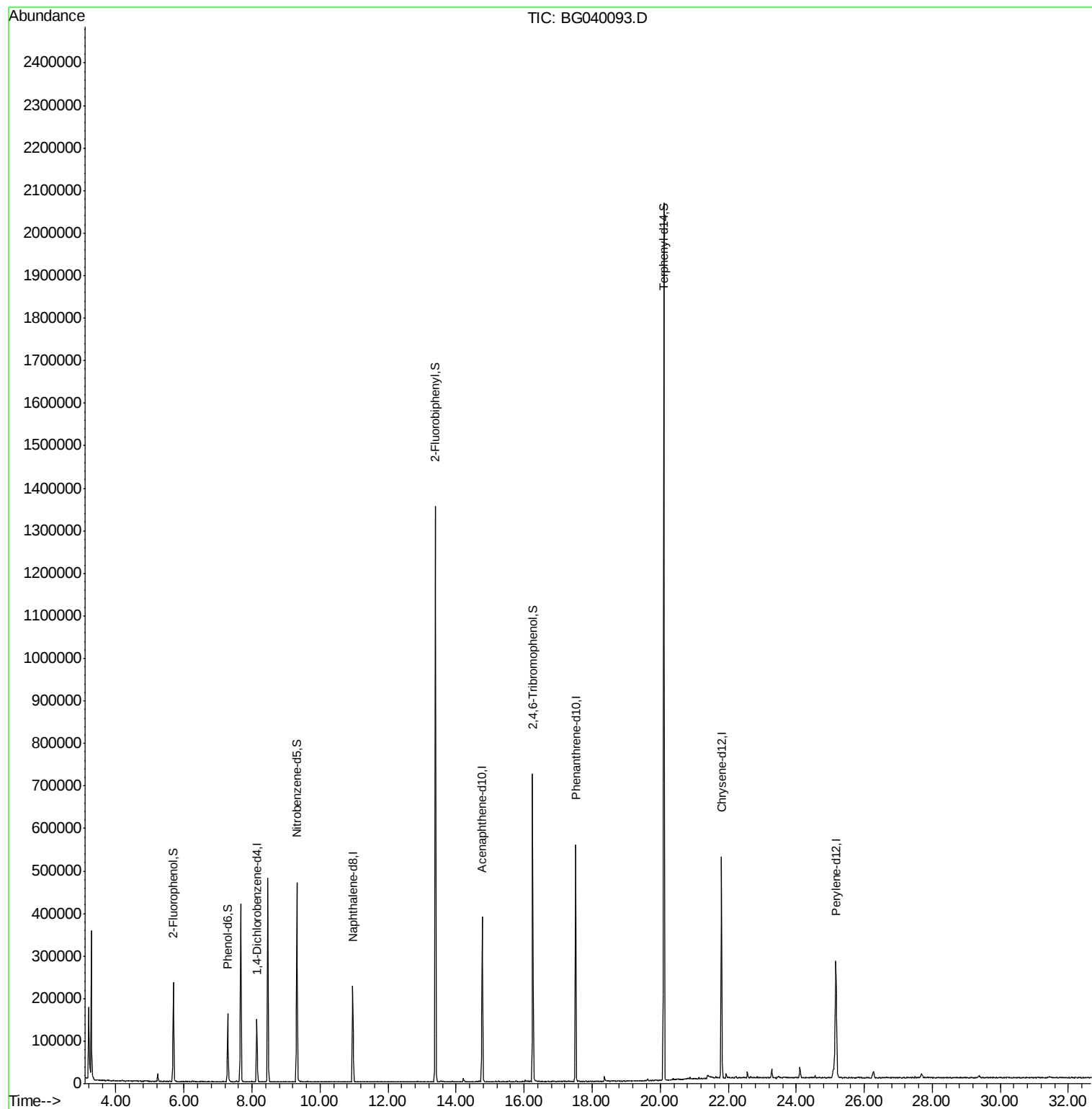
Target Compounds Qvalue

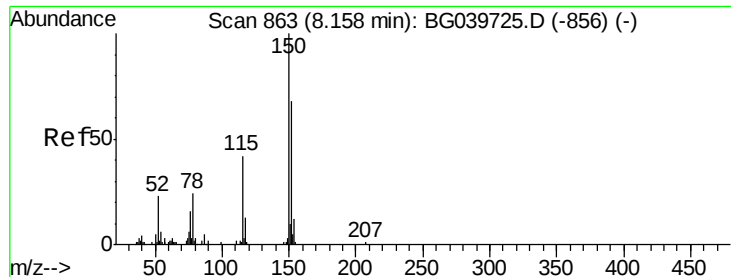
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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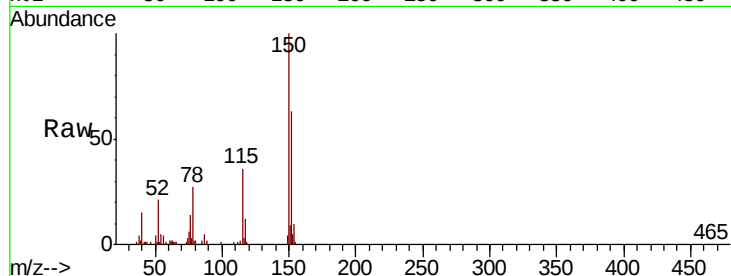


#1

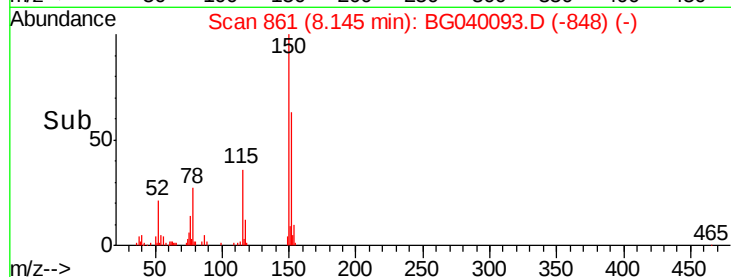
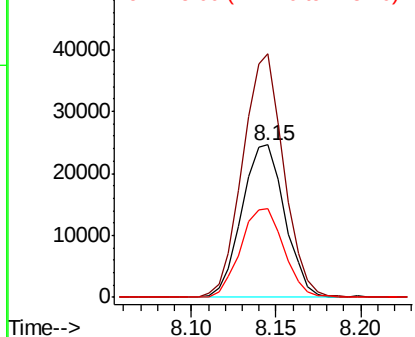
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Instrument :
BNA_G
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031819-LIFT-F-U-M

Tot Ion:152 Resp: 43418
Ion Ratio Lower Upper
152 100
150 159.5 123.7 185.5
115 58.0 45.9 68.9



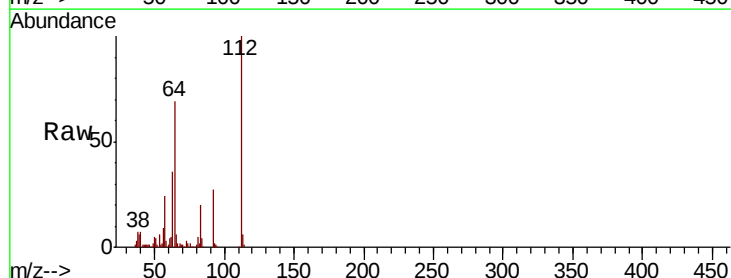
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



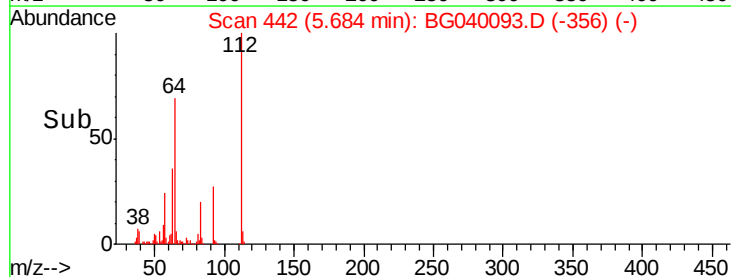
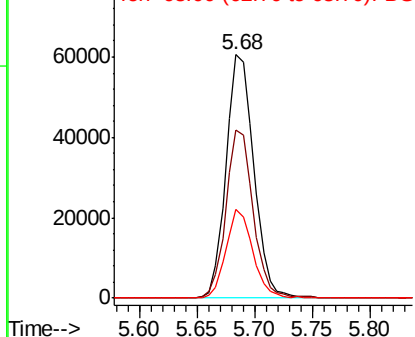
#5

2-Fluorophenol
Concen: 39.815 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion:112 Resp: 101330
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.5 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: 24.517 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-U-M

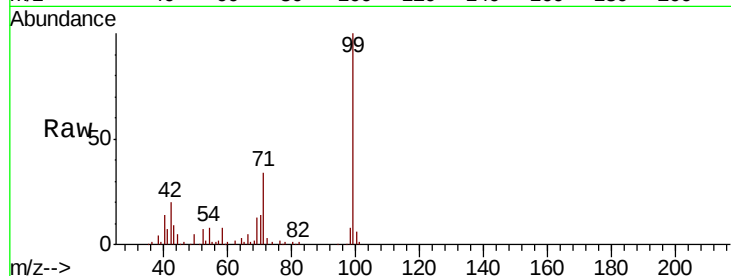
Tot Ion: 99 Resp: 93034

Ion Ratio Lower Upper

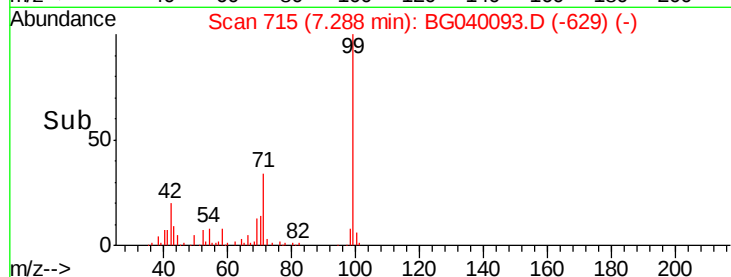
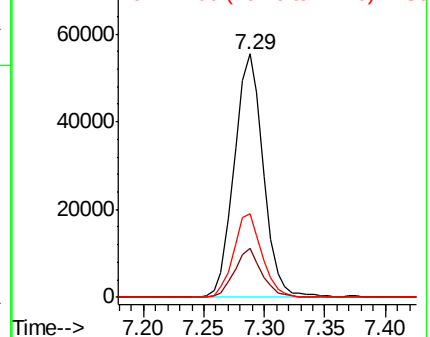
99 100

42 20.0 18.2 27.2

71 34.2 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Tgt Ion: 136 Resp: 196474

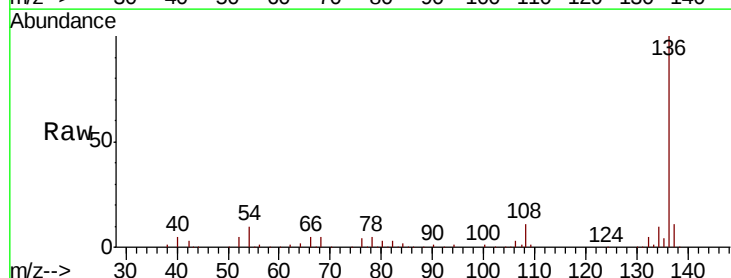
Ion Ratio Lower Upper

136 100

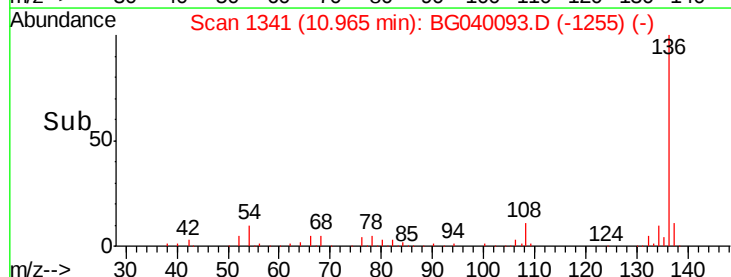
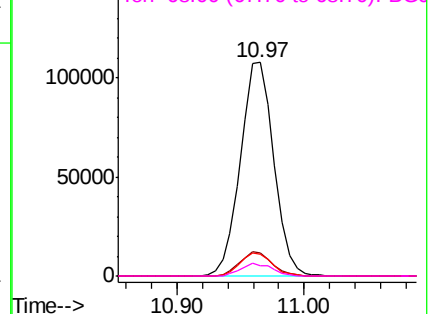
137 10.5 9.1 13.7

54 10.4 9.4 14.2

68 4.9 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

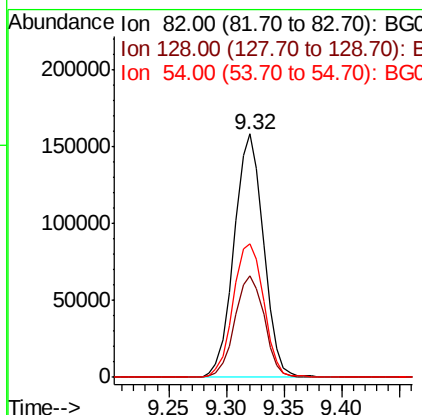
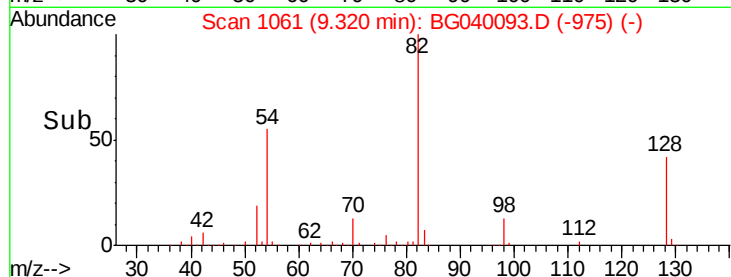
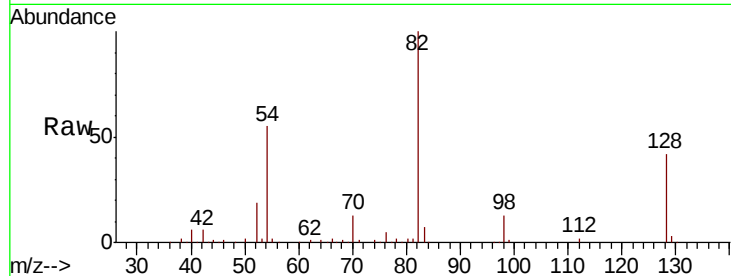




#23
Nitrobenzene-d5
Concen: 76.800 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

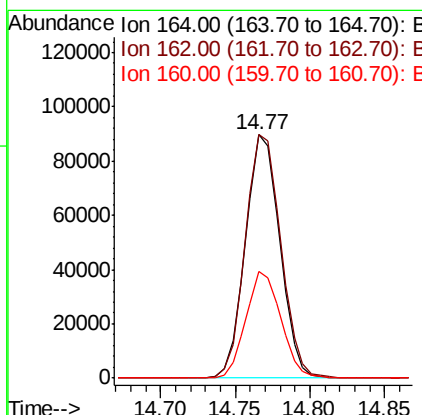
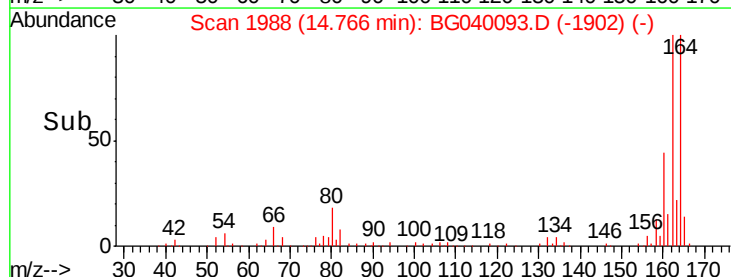
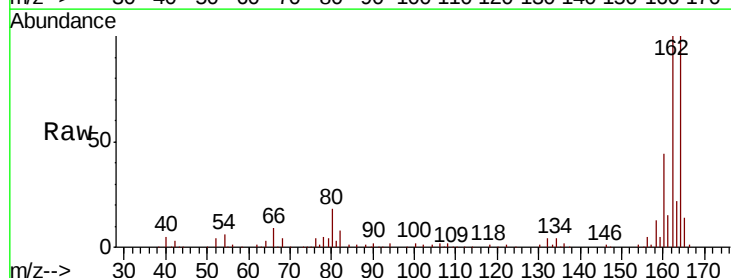
Instrument :
BNA_G
ClientSampleId :
031819-LIFT-F-U-M

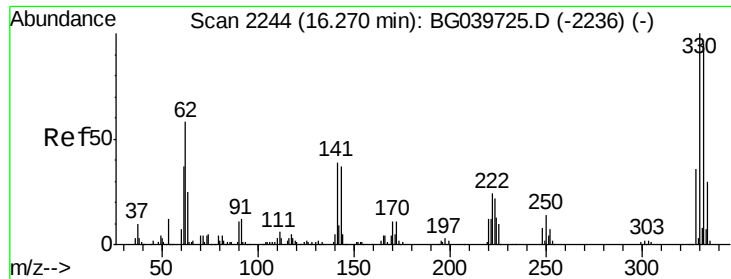
Tot Ion	82.00	Resp	278997
Ion Ratio	100	Lower	Upper
128	41.9	31.3	46.9
54	54.7	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion	164	Resp	142797
Ion Ratio	100	Lower	Upper
162	100.0	81.6	122.4
160	43.7	34.2	51.2

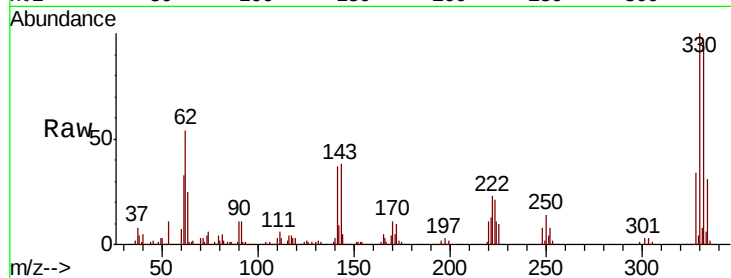




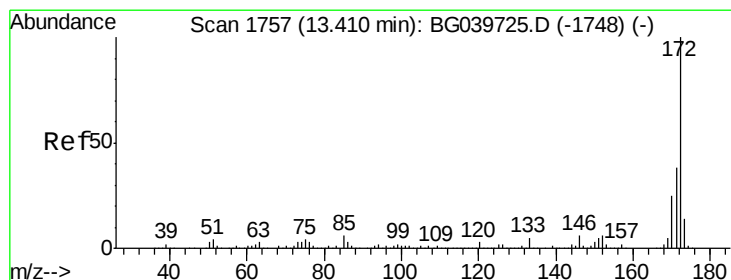
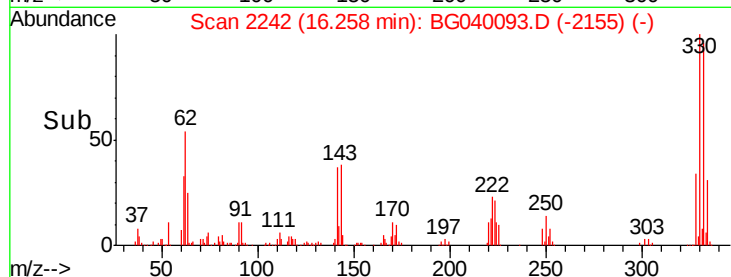
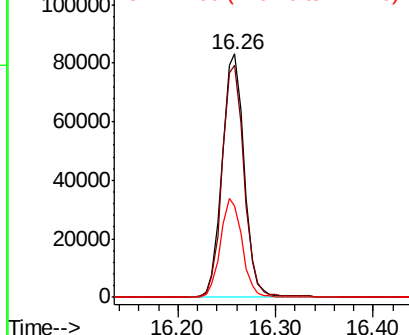
#42
 2,4,6-Tribromophenol
 Concen: 78.738 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	39.6	35.6	53.4

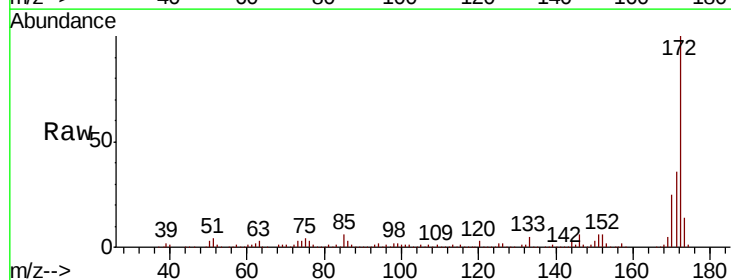


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

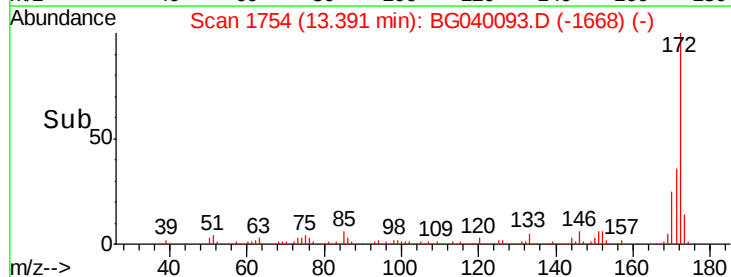
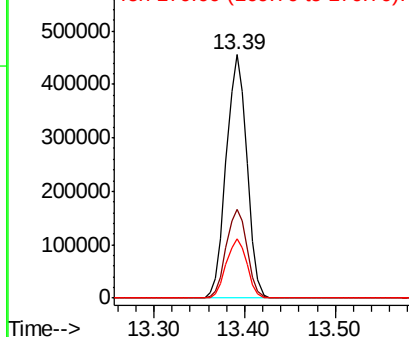


#45
 2-Fluorobiphenyl
 Concen: 71.919 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040093.D
 Acq: 22 Mar 2019 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	24.5	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

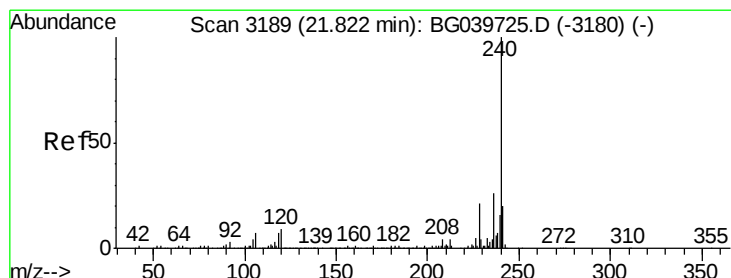
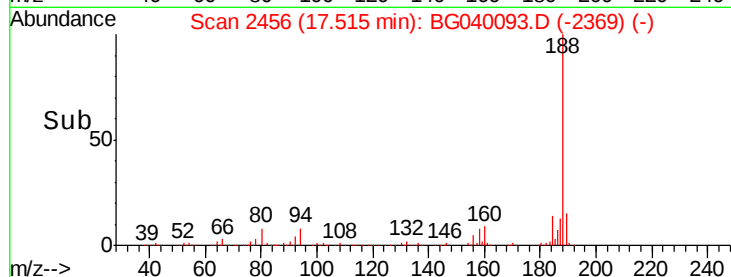
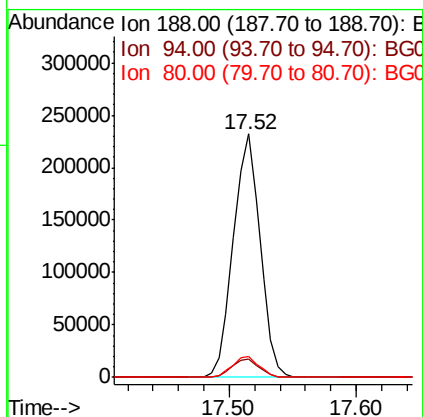
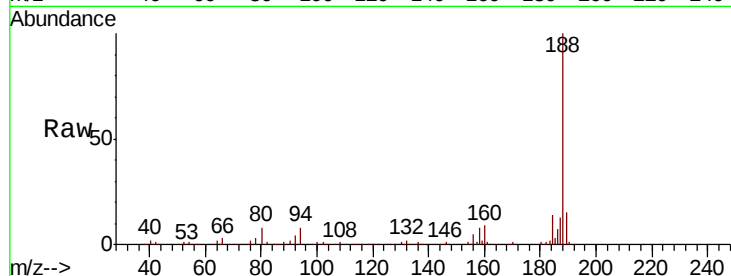




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

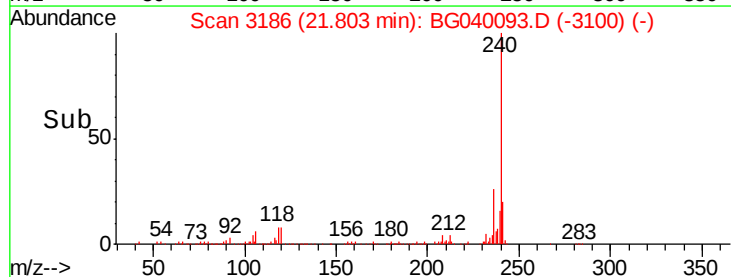
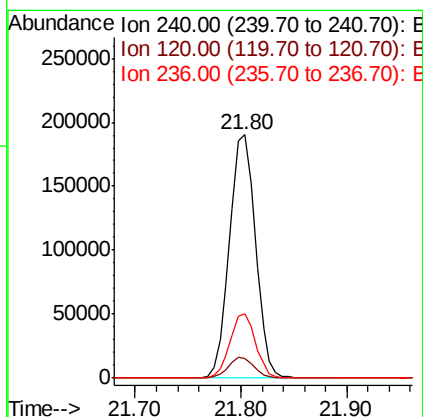
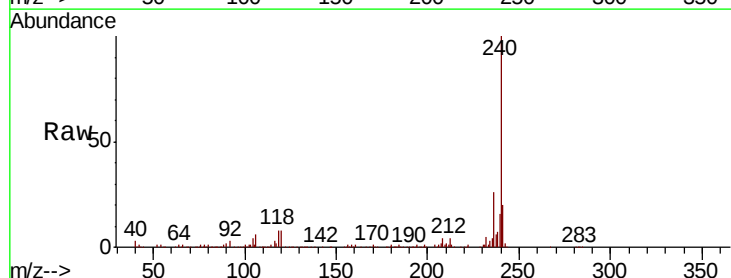
Instrument :
BNA_G
ClientSampleId :
031819-LIFT-F-U-M

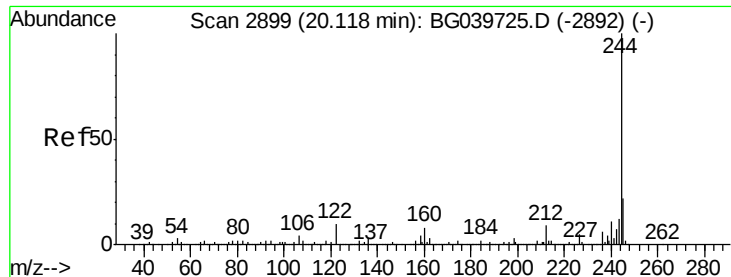
Tot Ion:188 Resp: 338710
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040093.D
Acq: 22 Mar 2019 21:35

Tgt Ion:240 Resp: 325082
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 66.711 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

Instrument :

BNA_G

ClientSampleId :

031819-LIFT-F-U-M

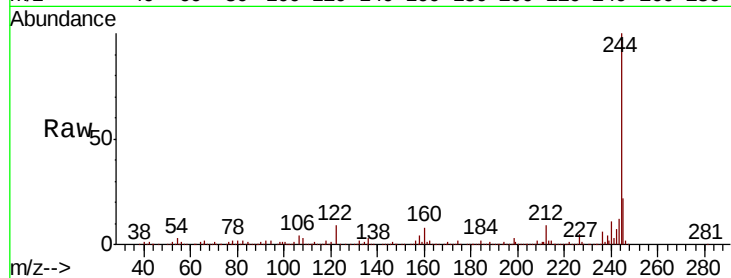
Tot Ion:244 Resp: 984937

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

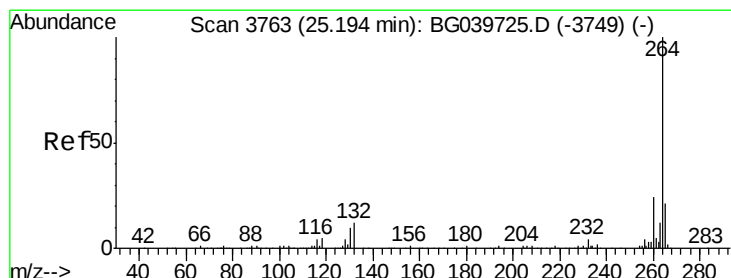
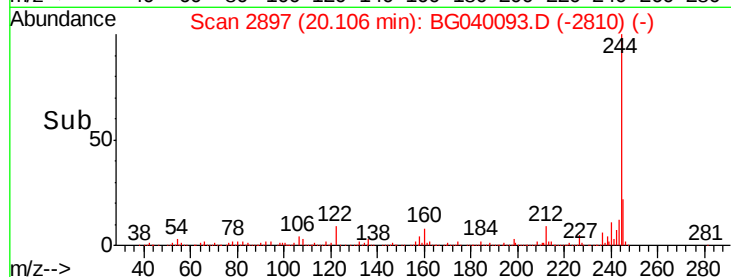
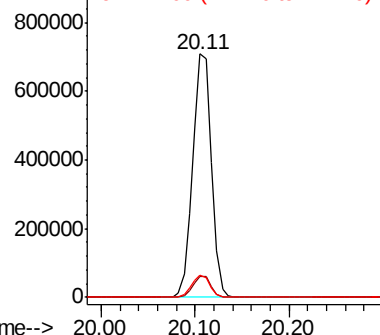
122 9.1 8.4 12.6



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# 3758

Delta R.T. -0.04 min

Lab File: BG040093.D

Acq: 22 Mar 2019 21:35

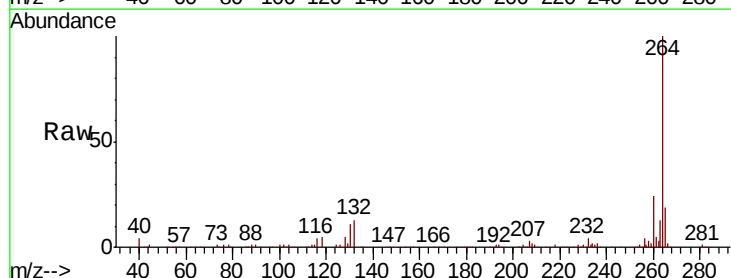
Tgt Ion:264 Resp: 325135

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 19.3 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

