

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040096.D
 Acq On : 22 Mar 2019 23:35
 Operator : JU/SJ
 Sample : K2033-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032019-LIFT-F-D-M

Quant Time: Mar 23 02:35:51 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

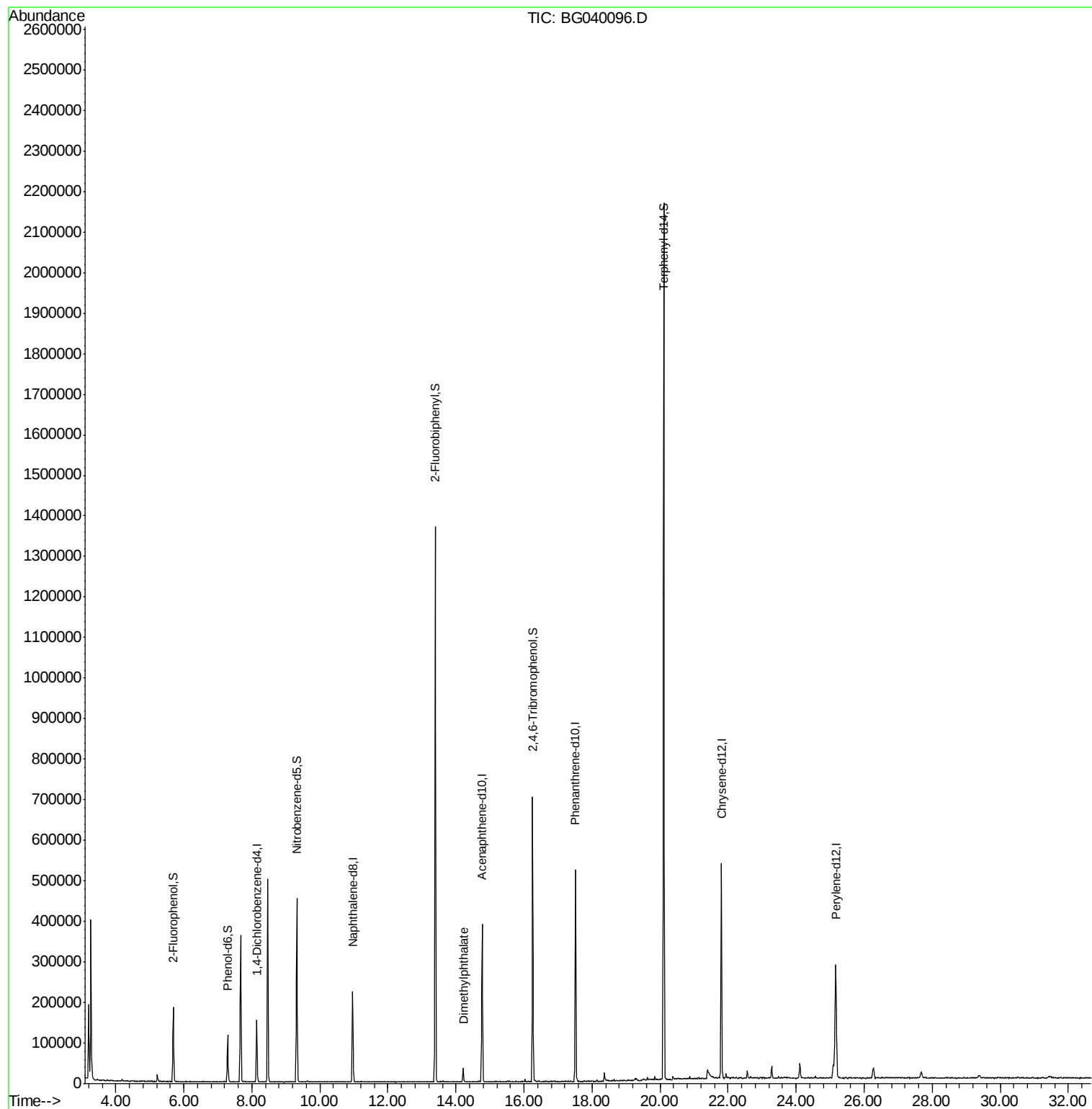
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41792	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	193229	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	139571	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	334926	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	326981	20.00	ng	-0.03
87) Perylene-d12	25.17	264	330721	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	79641	32.51	ng	-0.02
7) Phenol-d6	7.29	99	69174	18.94	ng	-0.03
23) Nitrobenzene-d5	9.32	82	276987	77.53	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	121692	74.80	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	734508	74.93	ng	-0.03
79) Terphenyl-d14	20.11	244	1008097	67.88	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	25709	2.203	ng	Qvalue 99

(#) = 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: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-M

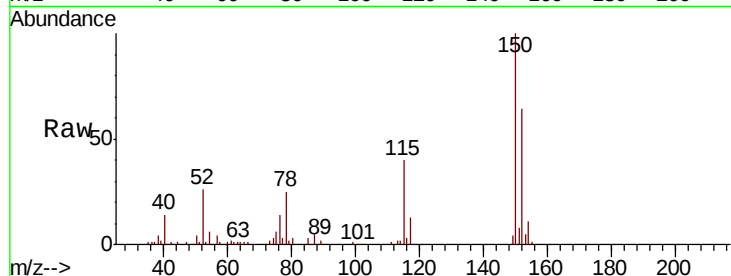
Tot Ion:152 Resp: 41792

Ion Ratio Lower Upper

152 100

150 155.1 123.7 185.5

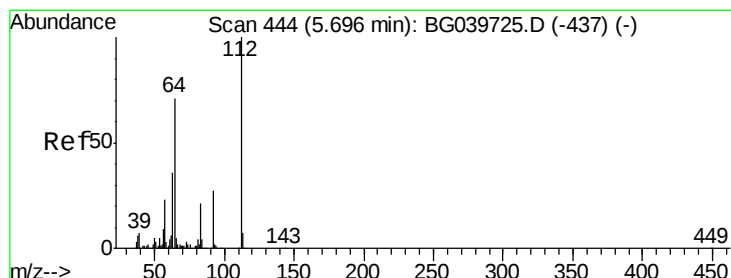
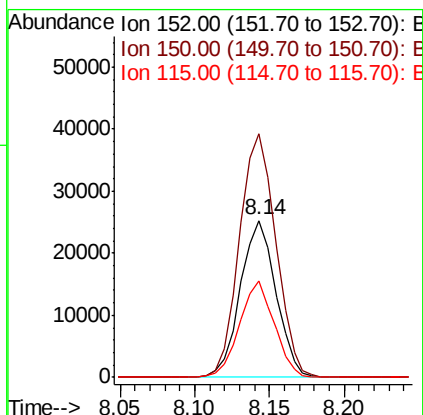
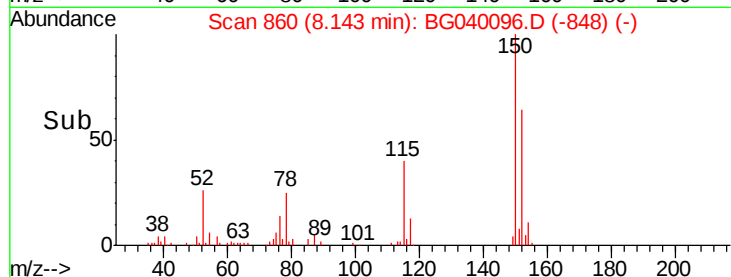
115 61.6 45.9 68.9



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: 32.511 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

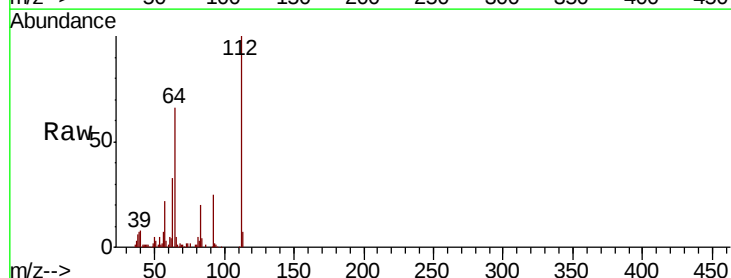
Tgt Ion:112 Resp: 79641

Ion Ratio Lower Upper

112 100

64 66.0 57.8 86.8

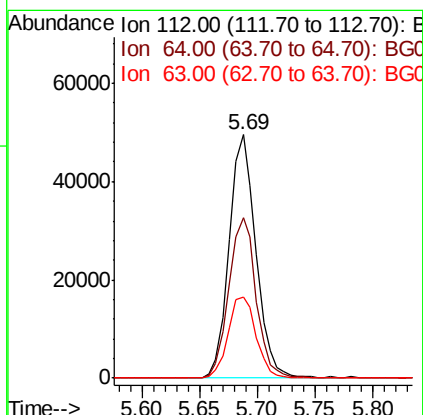
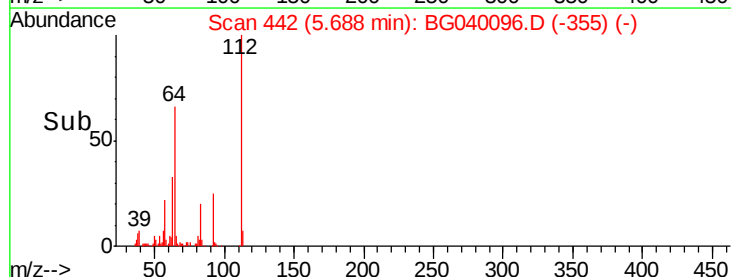
63 33.4 29.8 44.6



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: 18.938 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-M

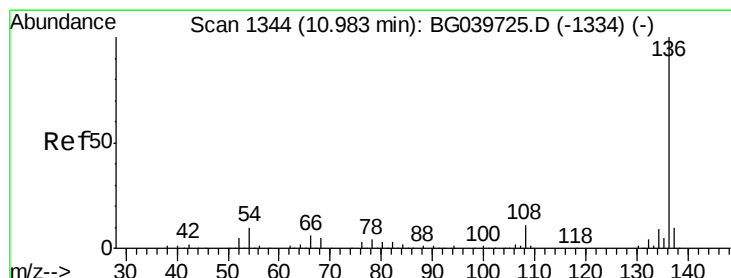
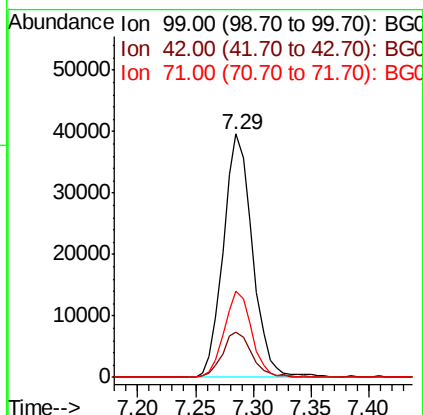
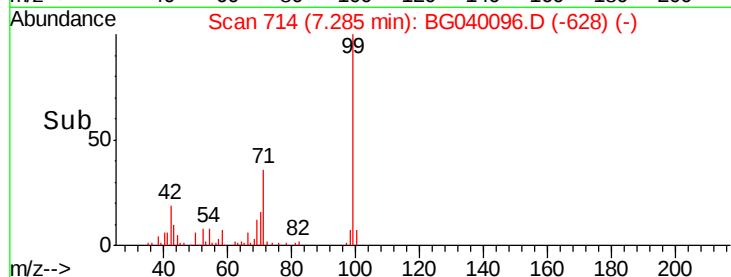
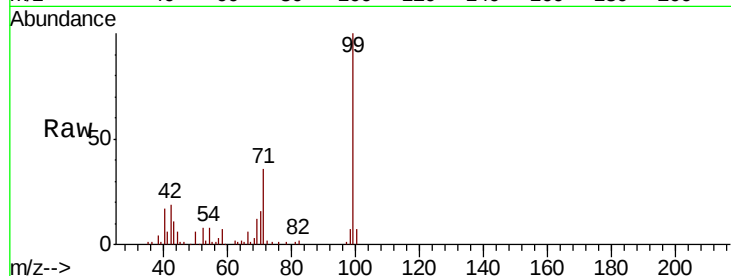
Tot Ion: 99 Resp: 69174

Ion Ratio Lower Upper

99 100

42 18.6 18.2 27.2

71 35.5 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Tgt Ion: 136 Resp: 193229

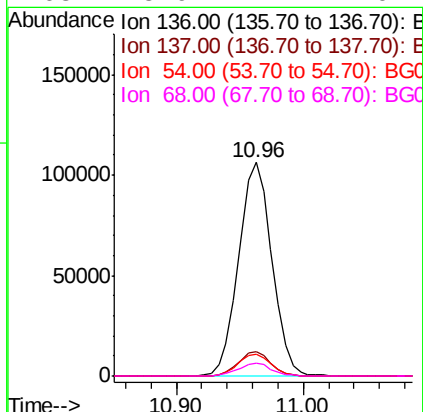
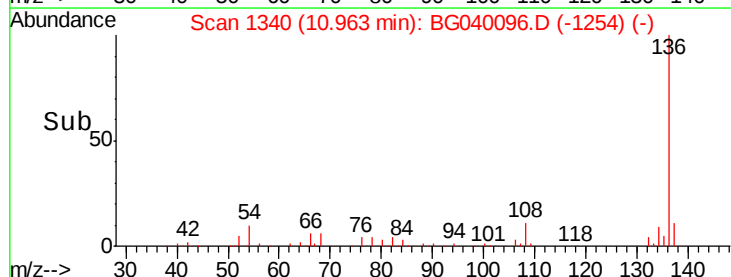
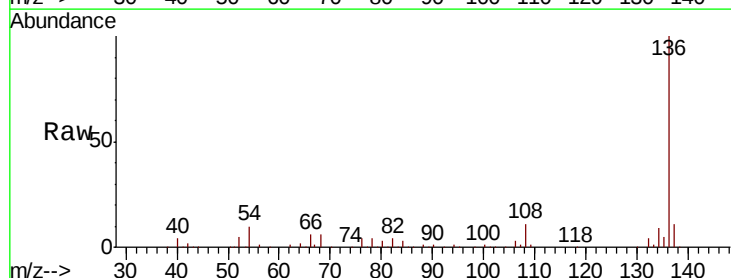
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.1 9.4 14.2

68 5.9 4.2 6.4

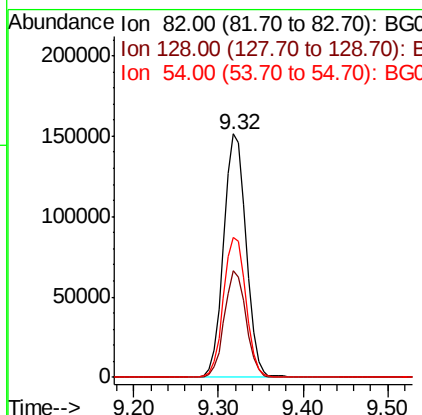
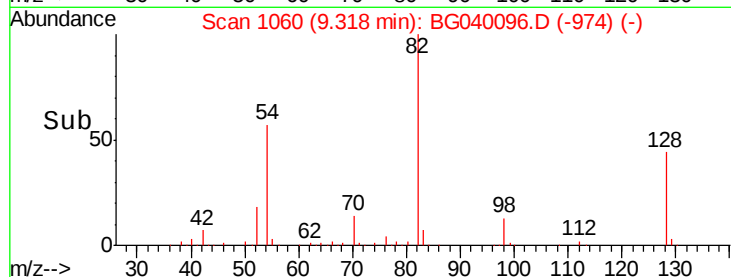
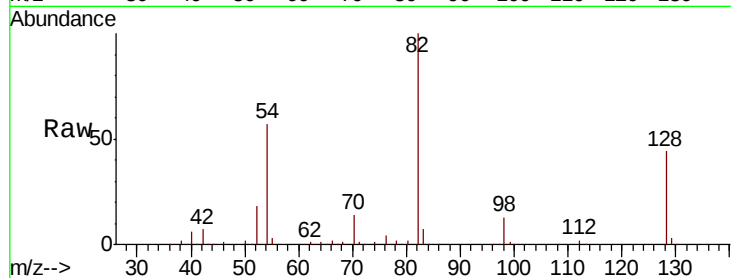




#23
Nitrobenzene-d5
Concen: 77.528 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

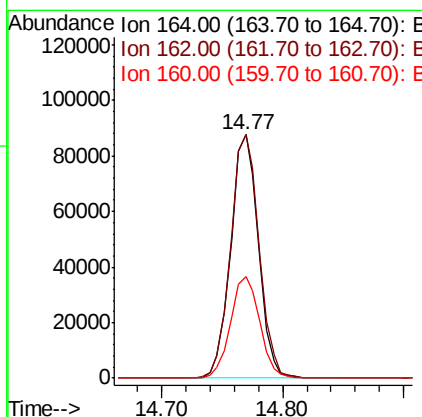
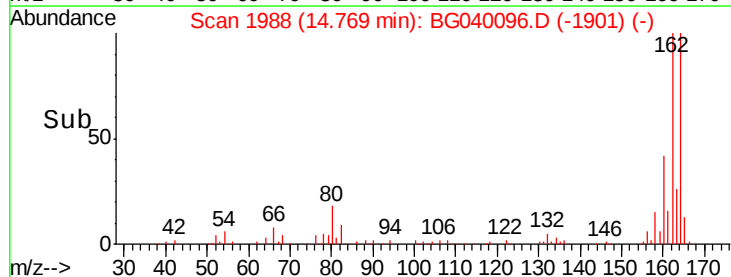
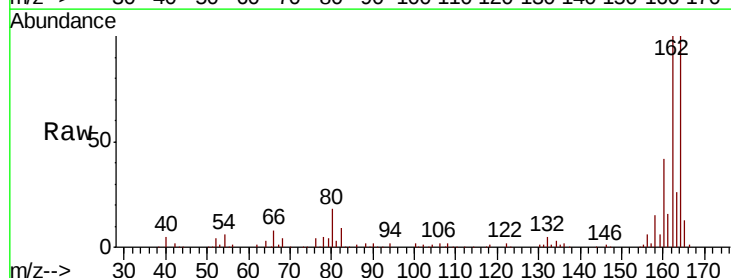
Instrument :
BNA_G
ClientSampleId :
032019-LIFT-F-D-M

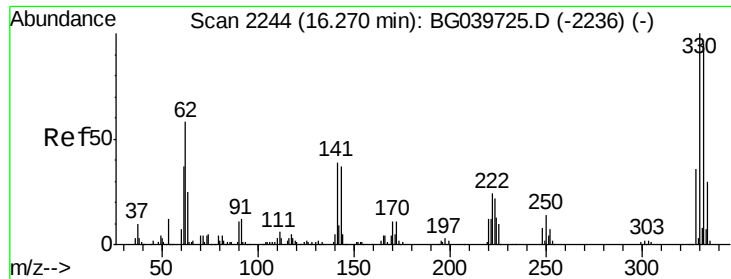
Tot Ion	82	Resp	276987
Ion Ratio	Lower	Upper	
82	100		
128	43.7	31.3	46.9
54	57.3	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

Tgt Ion	164	Resp	139571
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.6	122.4
160	41.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 74.804 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-M

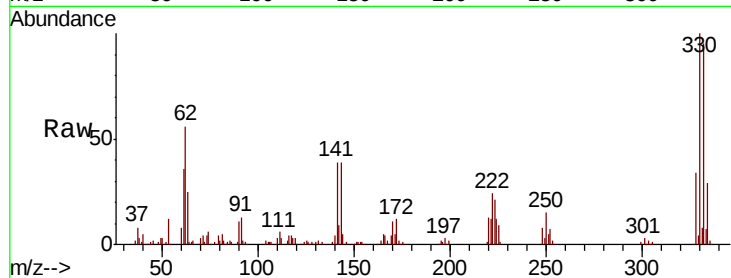
Tot Ion:330 Resp: 121692

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

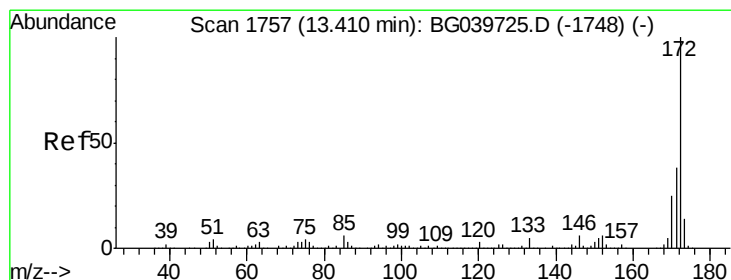
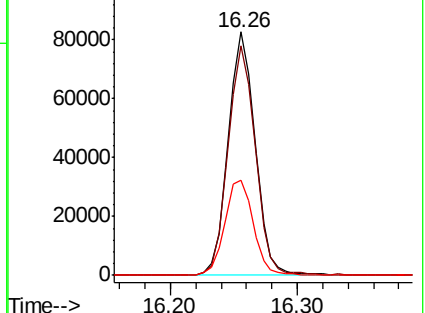
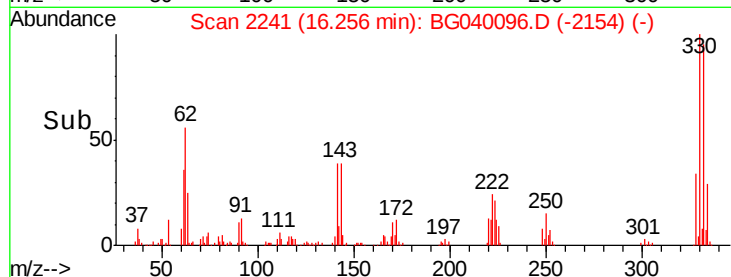
141 41.2 35.6 53.4



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: 74.931 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

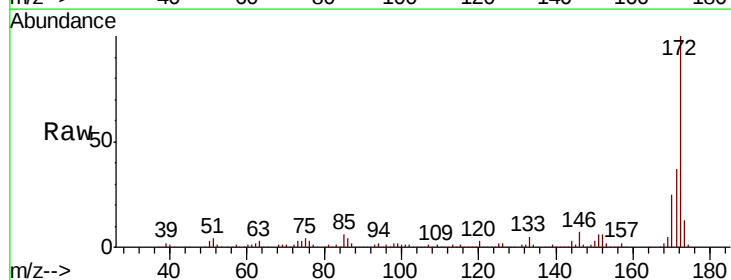
Tgt Ion:172 Resp: 734508

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

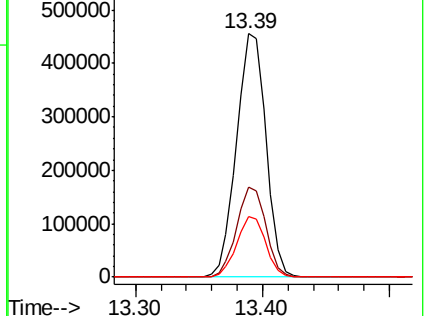
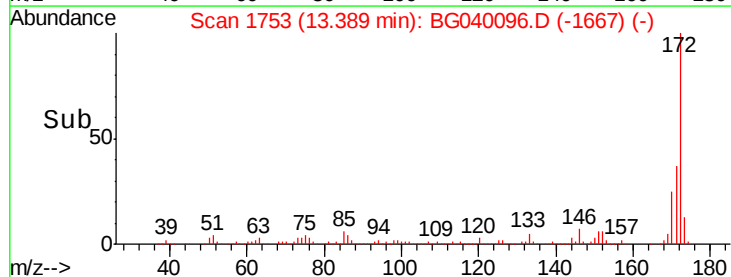
170 25.1 20.2 30.4

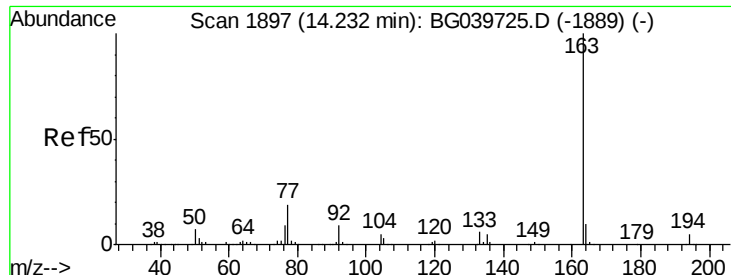


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.203 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-M

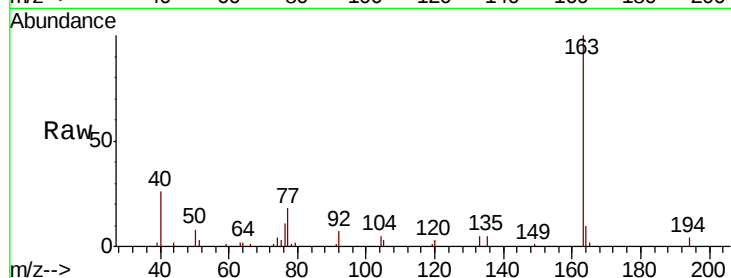
Tot Ion:163 Resp: 25709

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

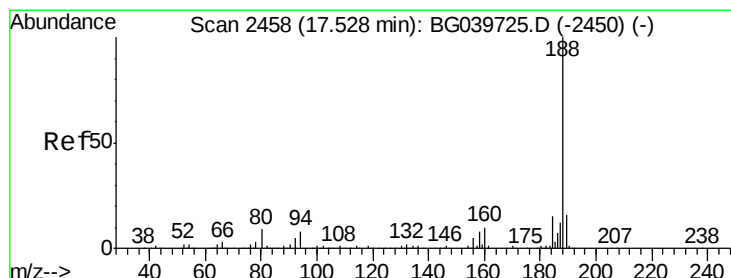
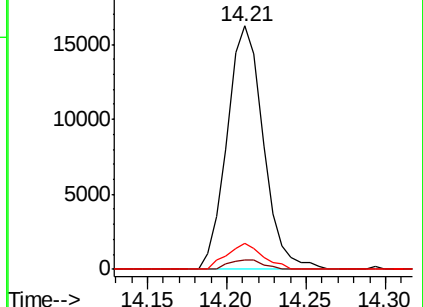
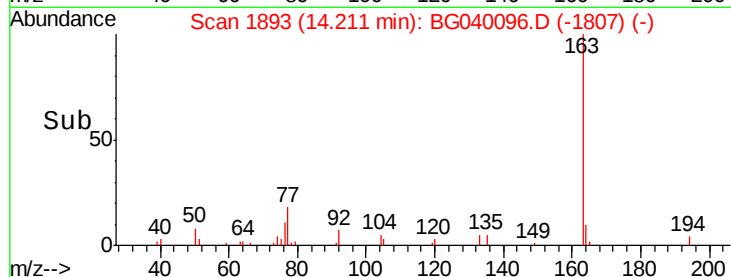
164 10.5 8.4 12.6



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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

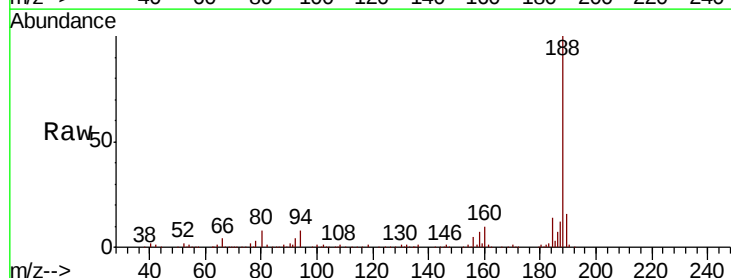
Tgt Ion:188 Resp: 334926

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

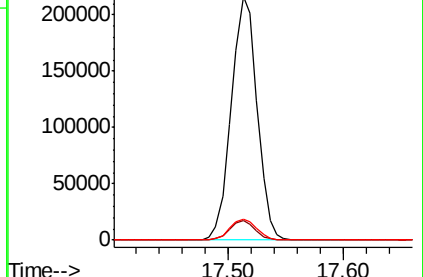
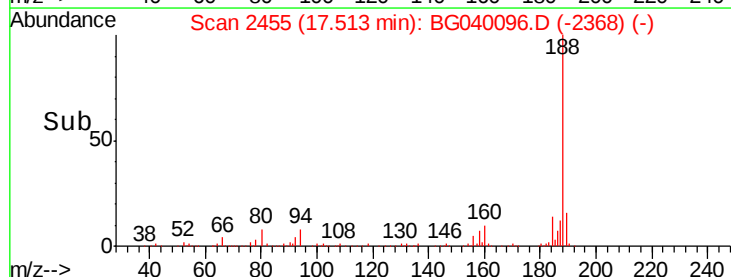
80 8.3 8.1 12.1

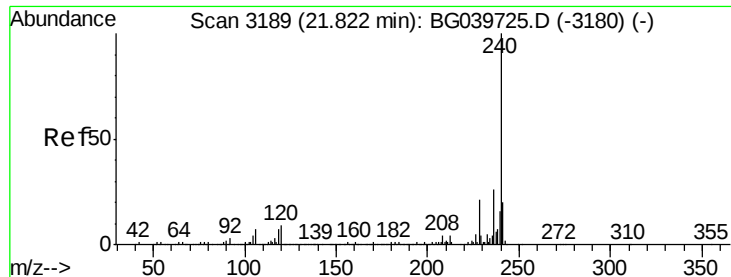


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-D-M

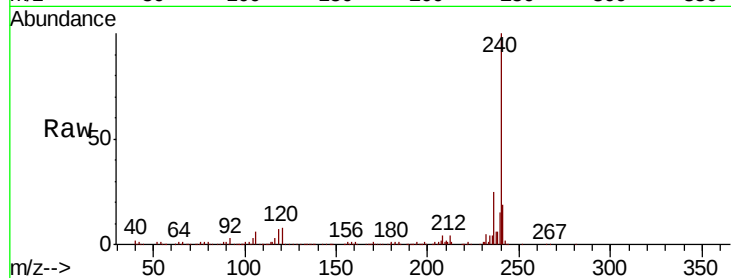
Tot Ion:240 Resp: 326981

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

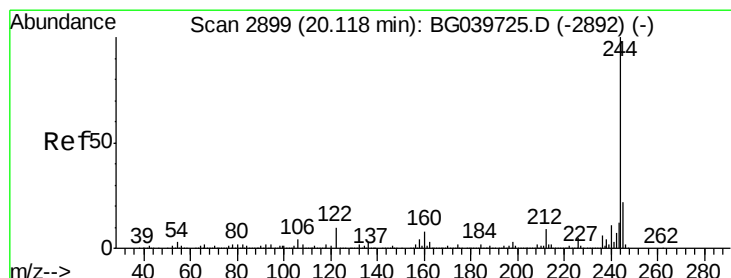
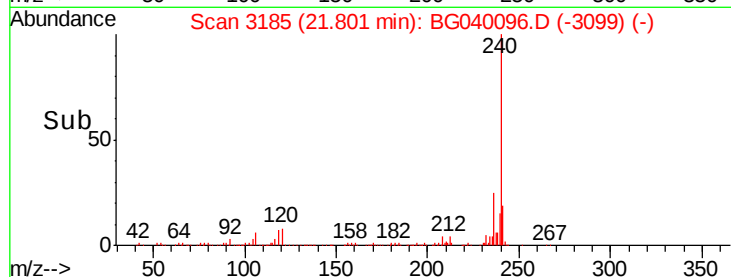
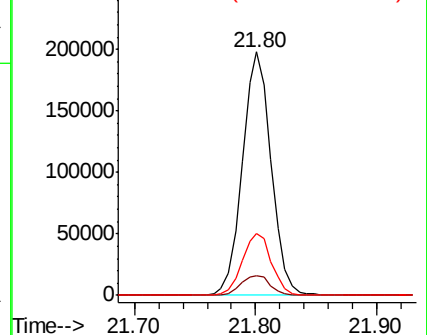
236 25.4 21.0 31.4



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: 67.883 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040096.D

Acq: 22 Mar 2019 23:35

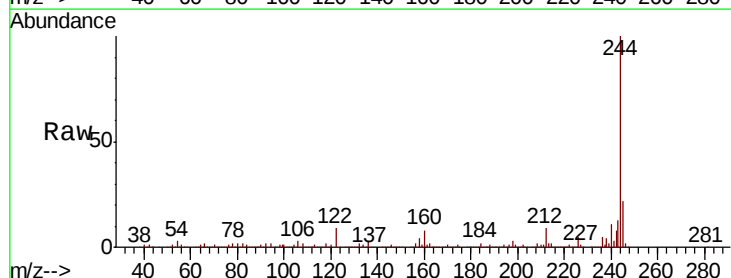
Tgt Ion:244 Resp: 1008097

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

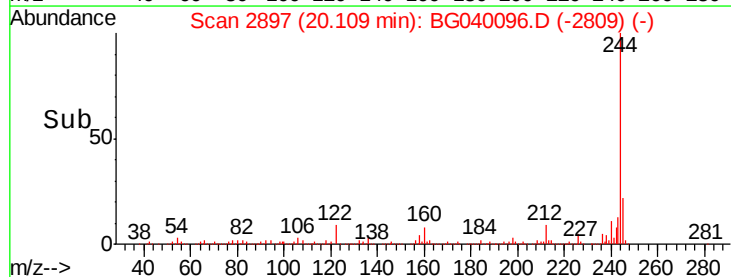
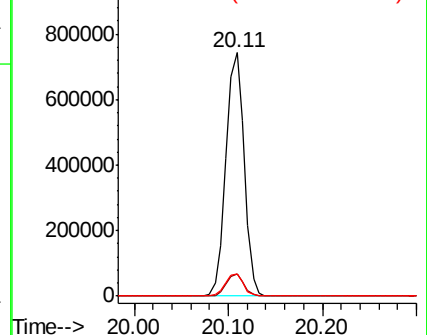
122 8.9 8.4 12.6

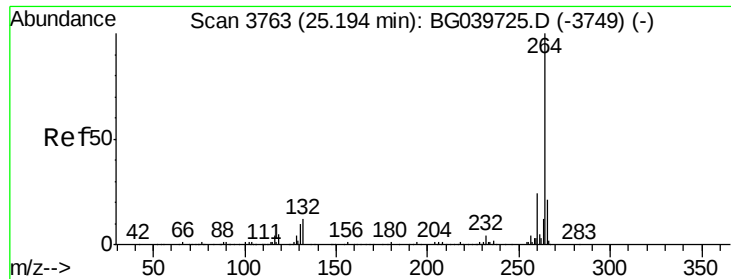


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

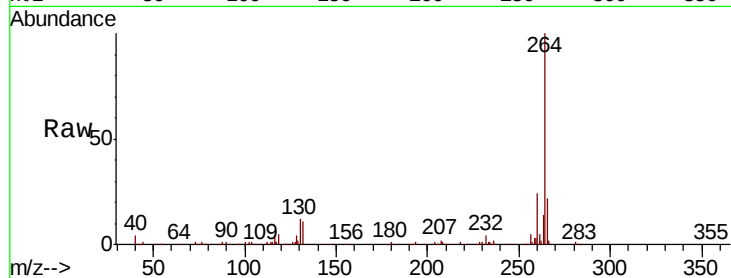




#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG040096.D
Acq: 22 Mar 2019 23:35

Instrument :
BNA_G
ClientSampleId :
032019-LIFT-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.5	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

