

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040025.D
 Acq On : 20 Mar 2019 5:55
 Operator : JU/SJ
 Sample : K1692-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-031819

Quant Time: Mar 20 07:11:05 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	34965	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	144739	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	94548	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	257697	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293329	20.00	ng	-0.03
87) Perylene-d12	25.16	264	282164	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	249600	121.78	ng	-0.02
7) Phenol-d6	7.29	99	331497	108.48	ng	-0.02
23) Nitrobenzene-d5	9.32	82	244459	91.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	157303	142.74	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	547863	82.50	ng	-0.02
79) Terphenyl-d14	20.11	244	1164384	87.40	ng	-0.02

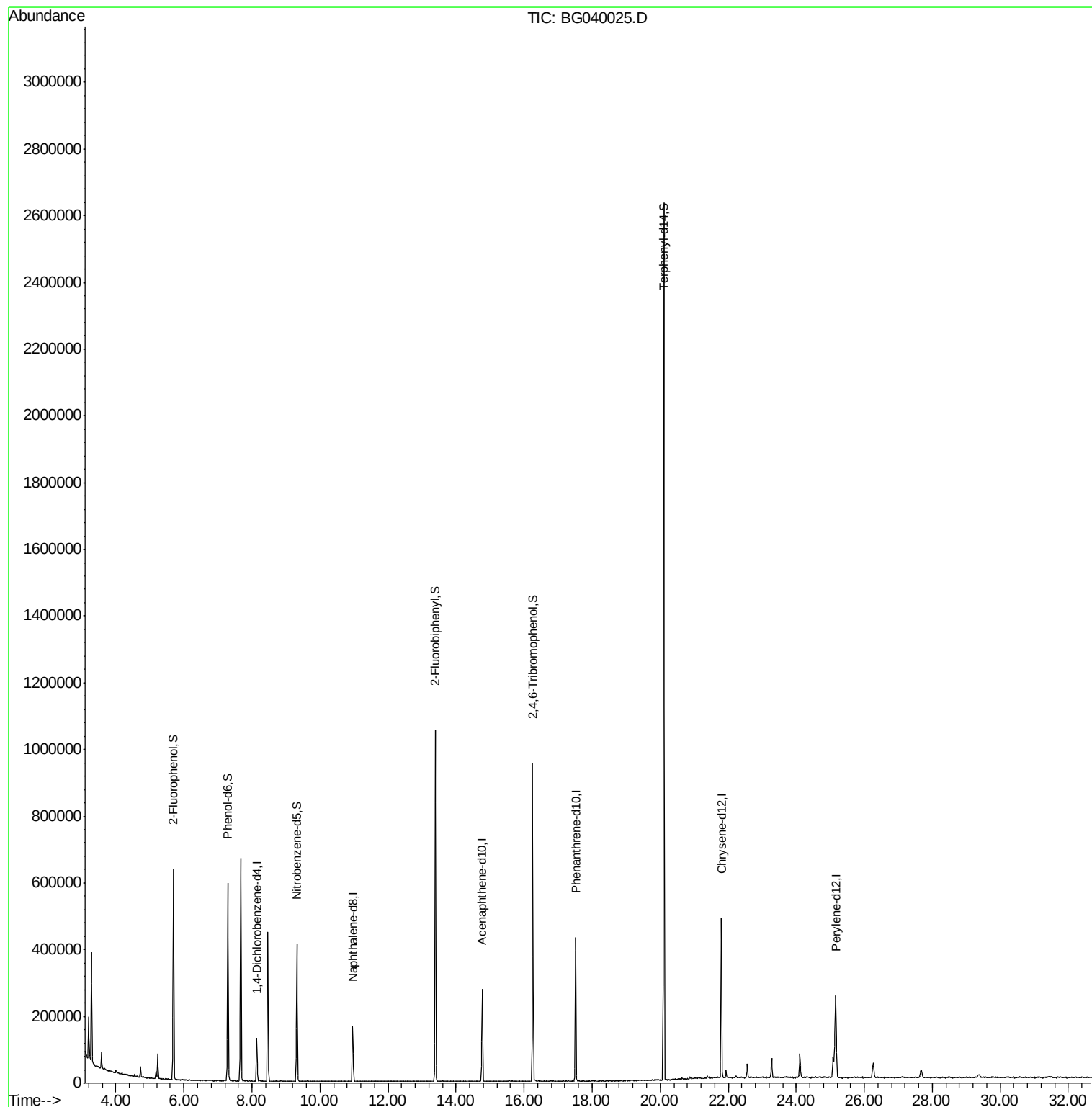
Target Compounds Qvalue

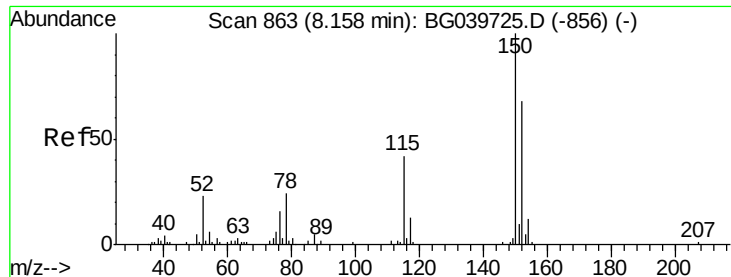
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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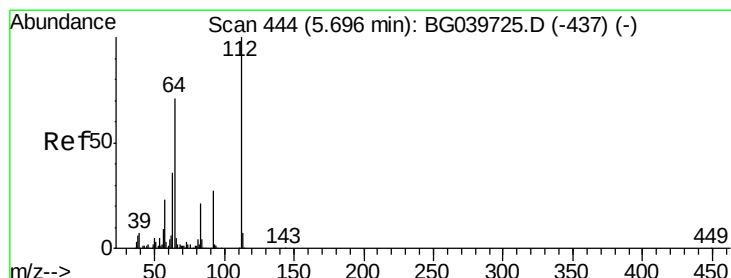
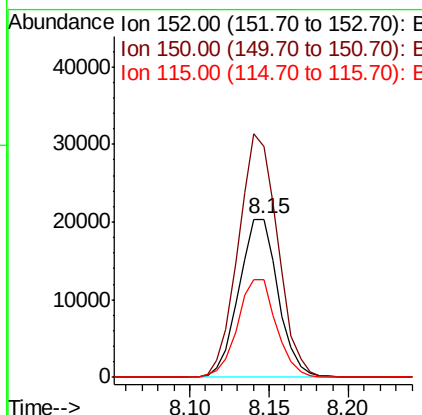
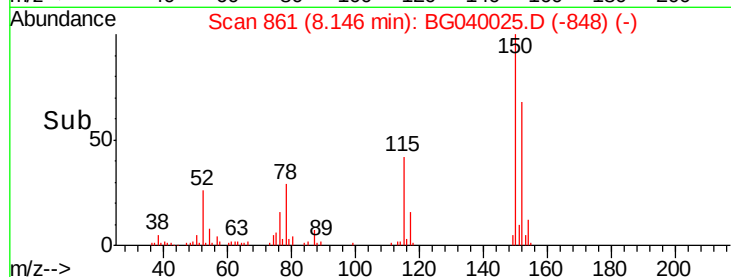
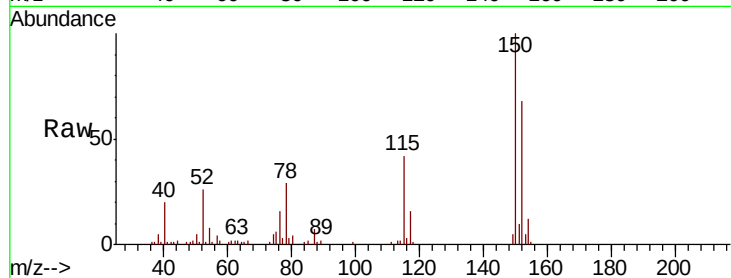


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040025.D
Acq: 20 Mar 2019 5:55

Instrument :
BNA_G
ClientSampleId :
OK-02-031819

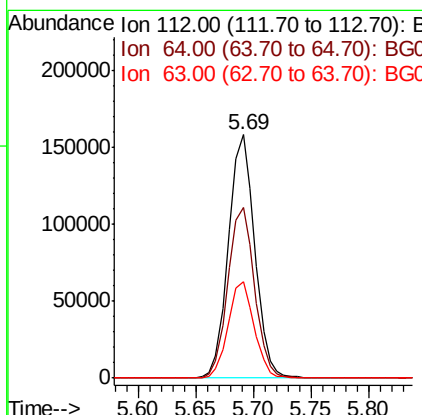
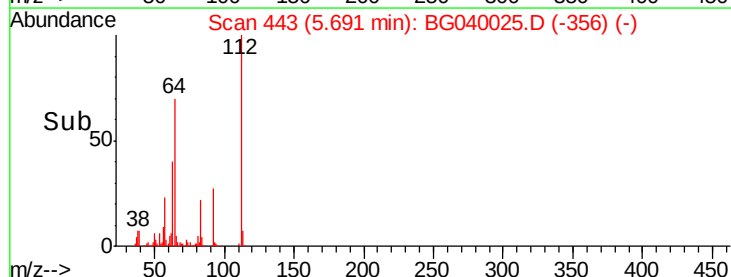
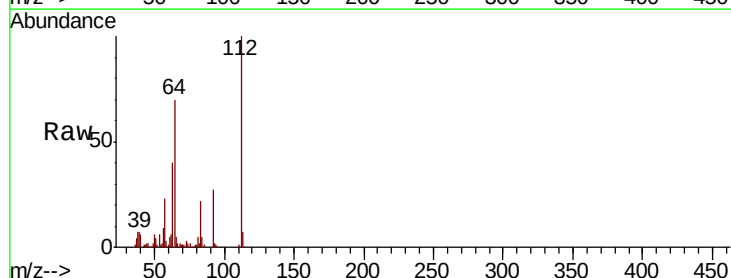
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	123.7	185.5
115	61.6	45.9	68.9

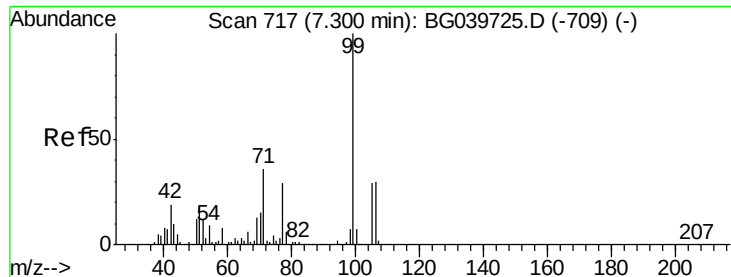


#5

2-Fluorophenol
Concen: 121.785 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040025.D
Acq: 20 Mar 2019 5:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.8	86.8
63	39.6	29.8	44.6





#7

Phenol-d6

Concen: 108.476 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040025.D

Acq: 20 Mar 2019 5:55

Instrument :

BNA_G

ClientSampleId :

OK-02-031819

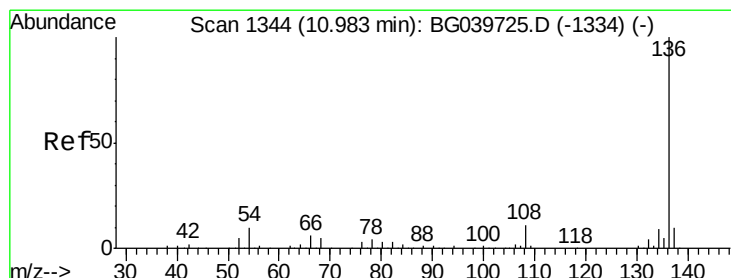
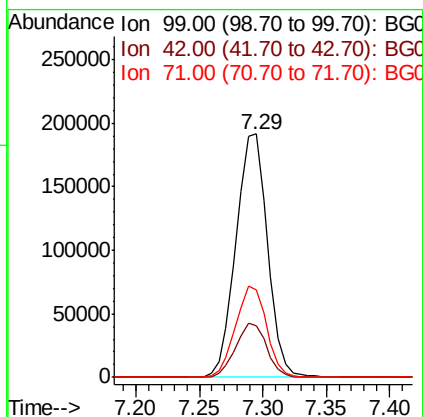
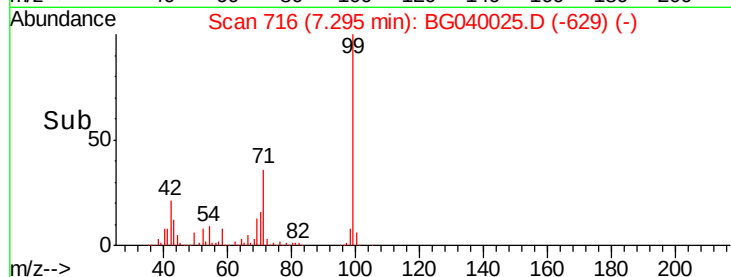
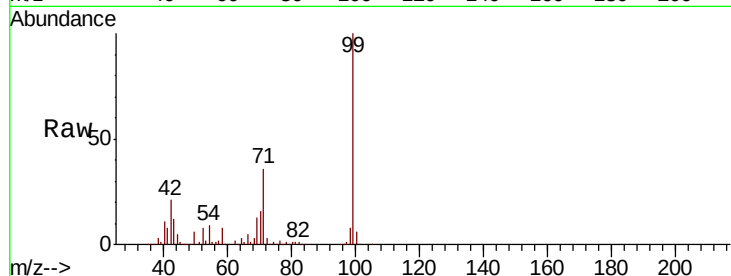
Tot Ion: 99 Resp: 331497

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.2

71 35.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040025.D

Acq: 20 Mar 2019 5:55

Tgt Ion: 136 Resp: 144739

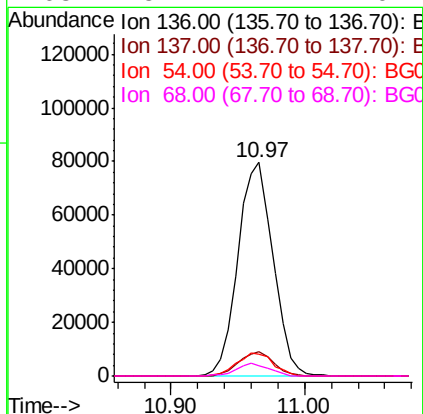
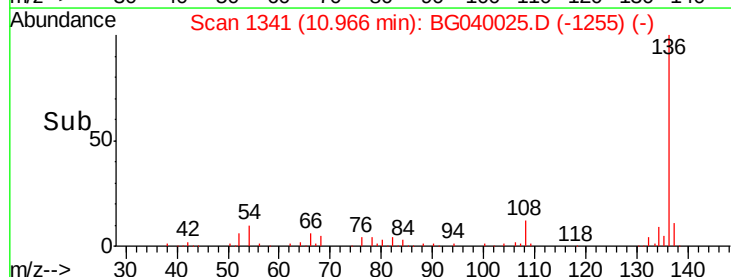
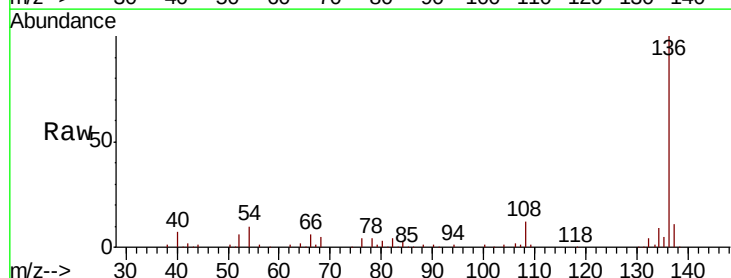
Ion Ratio Lower Upper

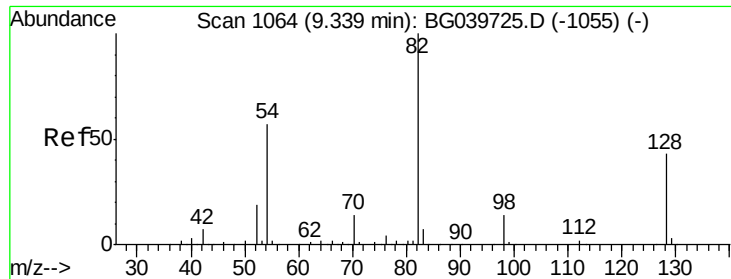
136 100

137 11.4 9.1 13.7

54 9.9 9.4 14.2

68 5.1 4.2 6.4

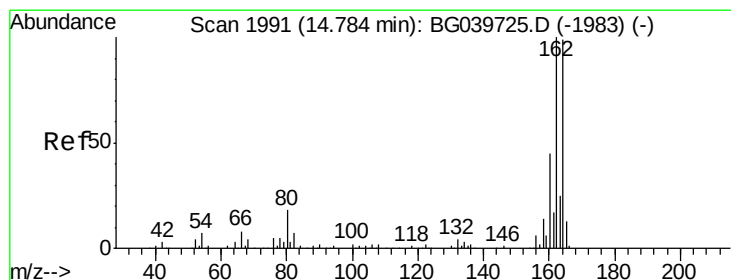
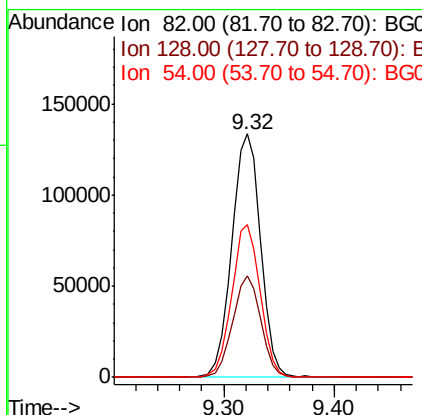
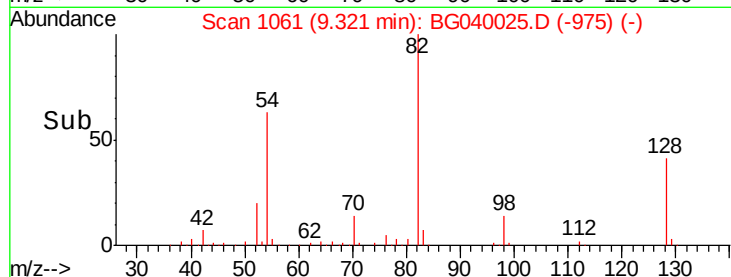
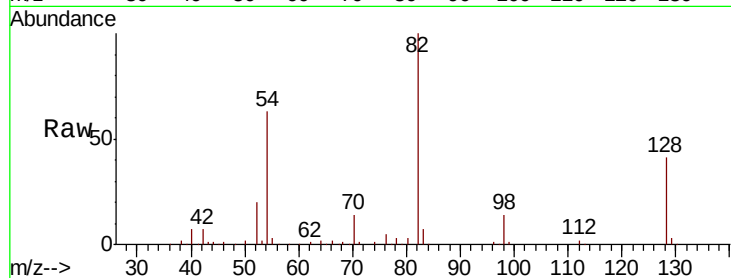




#23
Nitrobenzene-d5
Concen: 91.346 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040025.D
Acq: 20 Mar 2019 5:55

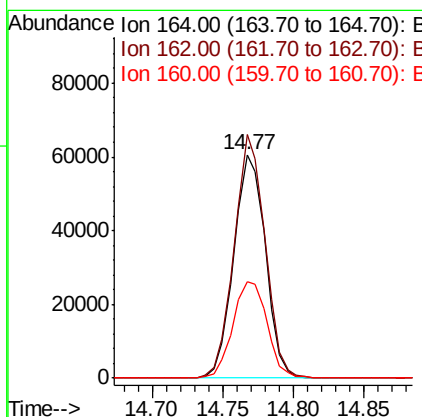
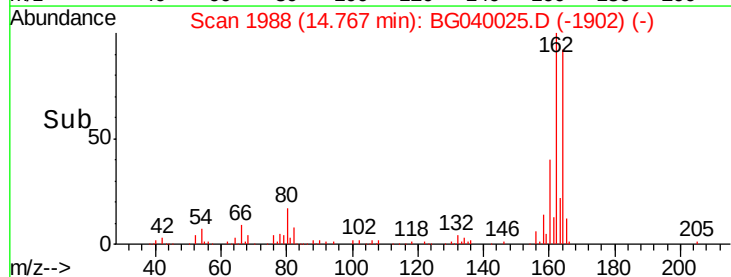
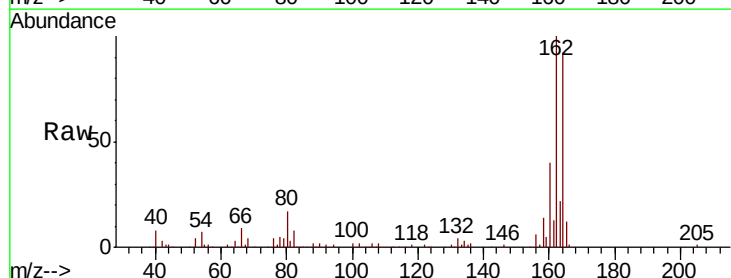
Instrument :
BNA_G
ClientSampleId :
OK-02-031819

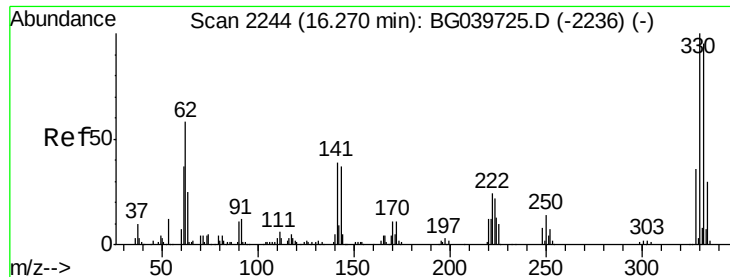
Tot Ion: 82 Resp: 244459
Ion Ratio Lower Upper
82 100
128 41.5 31.3 46.9
54 62.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040025.D
Acq: 20 Mar 2019 5:55

Tgt Ion:164 Resp: 94548
Ion Ratio Lower Upper
164 100
162 109.1 81.6 122.4
160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 142.740 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040025.D

Acq: 20 Mar 2019 5:55

Instrument :

BNA_G

ClientSampleId :

OK-02-031819

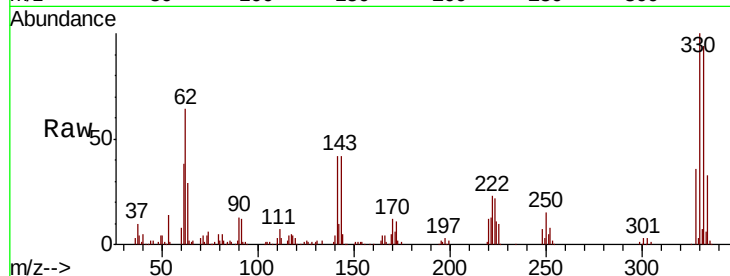
Tot Ion:330 Resp: 157303

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

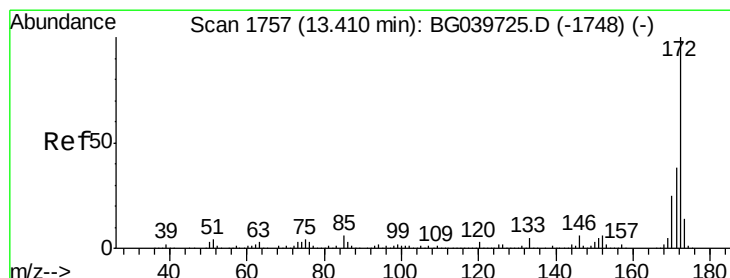
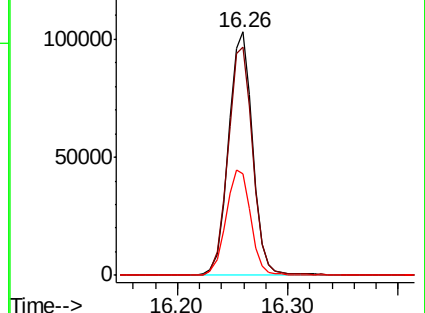
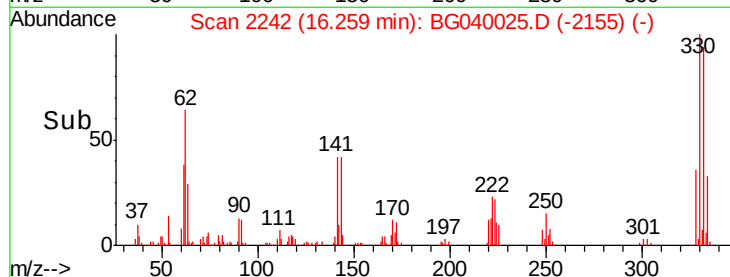
141 44.6 35.6 53.4



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: 82.505 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040025.D

Acq: 20 Mar 2019 5:55

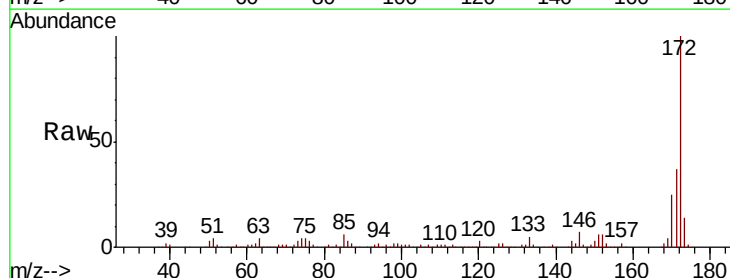
Tgt Ion:172 Resp: 547863

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

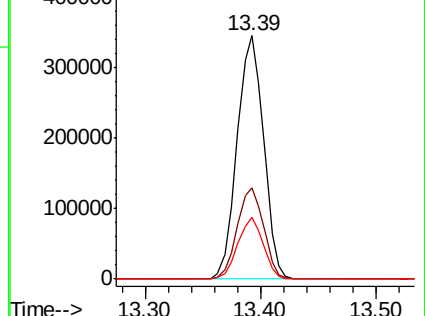
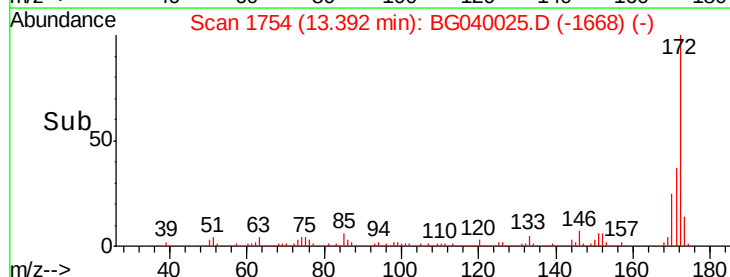
170 25.4 20.2 30.4

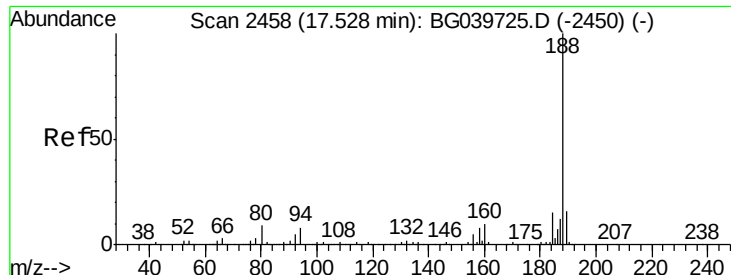


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

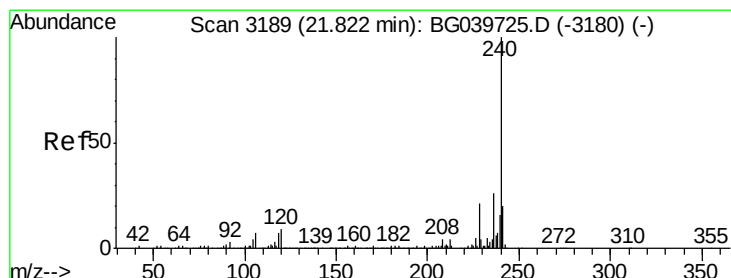
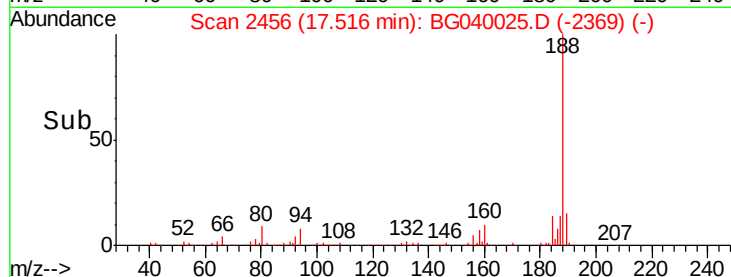
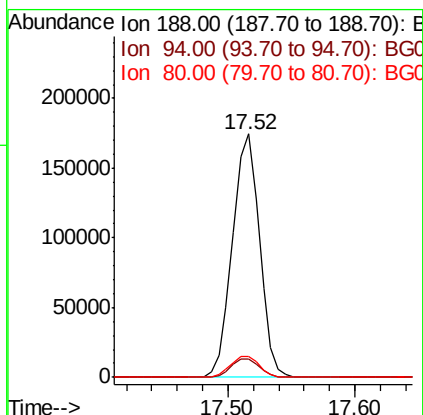
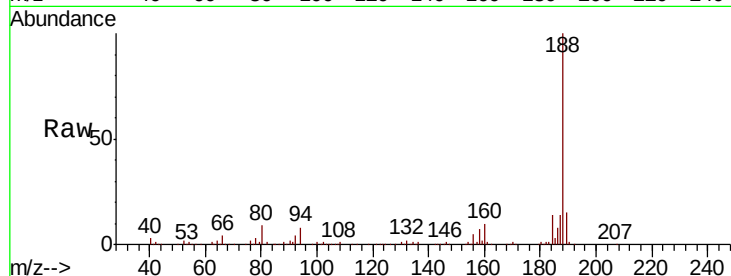




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040025.D
Acq: 20 Mar 2019 5:55

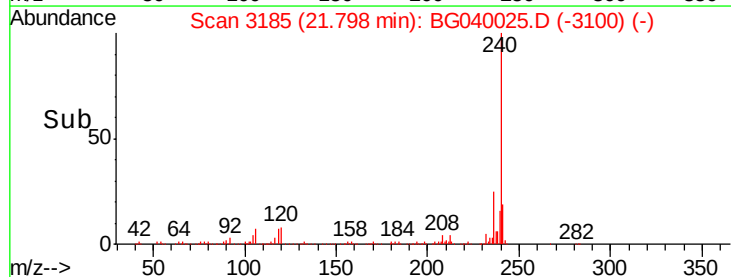
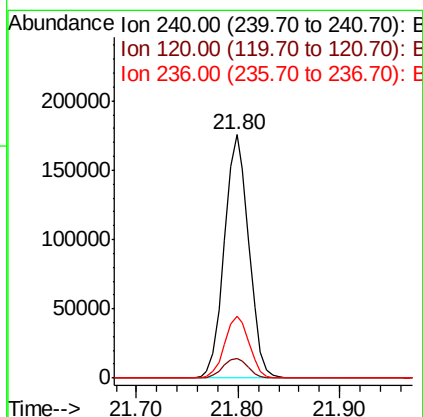
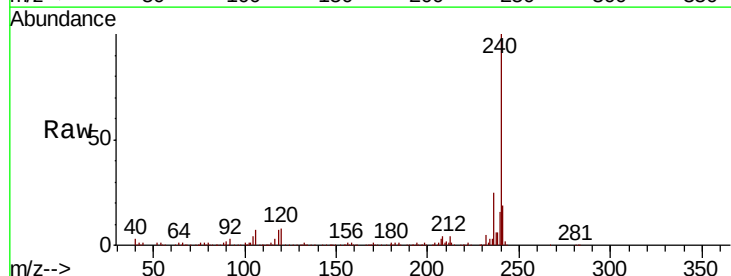
Instrument :
BNA_G
ClientSampleId :
OK-02-031819

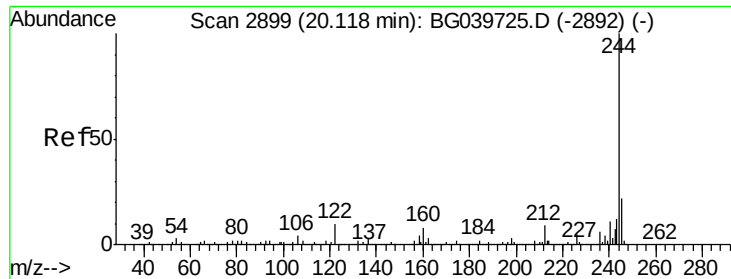
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.6	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040025.D
Acq: 20 Mar 2019 5:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	25.3	21.0	31.4





#79

Terphenyl-d14

Concen: 87.402 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040025.D

Acq: 20 Mar 2019 5:55

Instrument :

BNA_G

ClientSampleId :

OK-02-031819

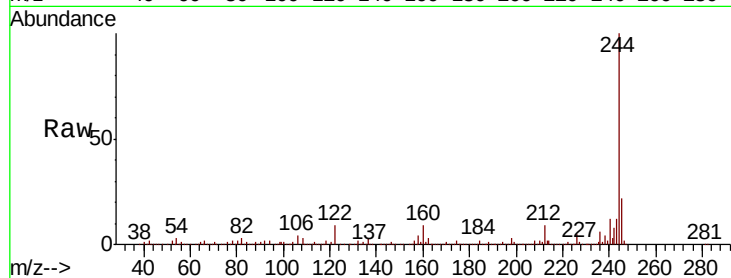
Tot Ion:244 Resp: 1164384

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

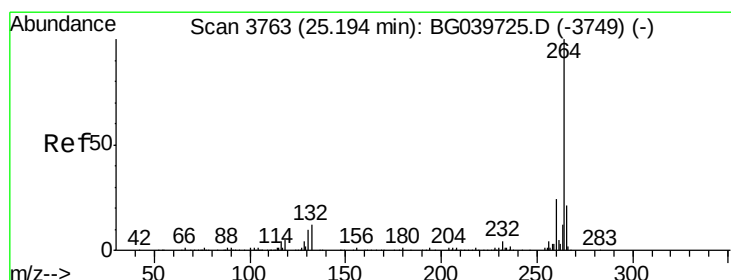
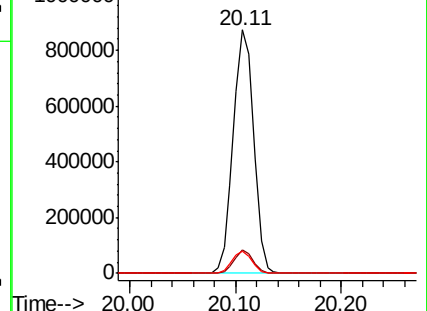
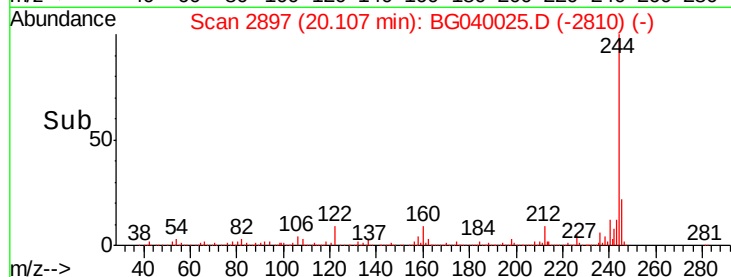
122 9.3 8.4 12.6



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: BG040025.D

Acq: 20 Mar 2019 5:55

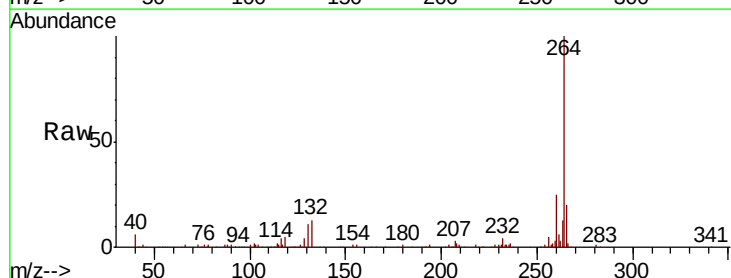
Tgt Ion:264 Resp: 282164

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 19.8 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

