

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040205.D
 Acq On : 28 Mar 2019 18:24
 Operator : JU/SJ
 Sample : K2107-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 29 07:48:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

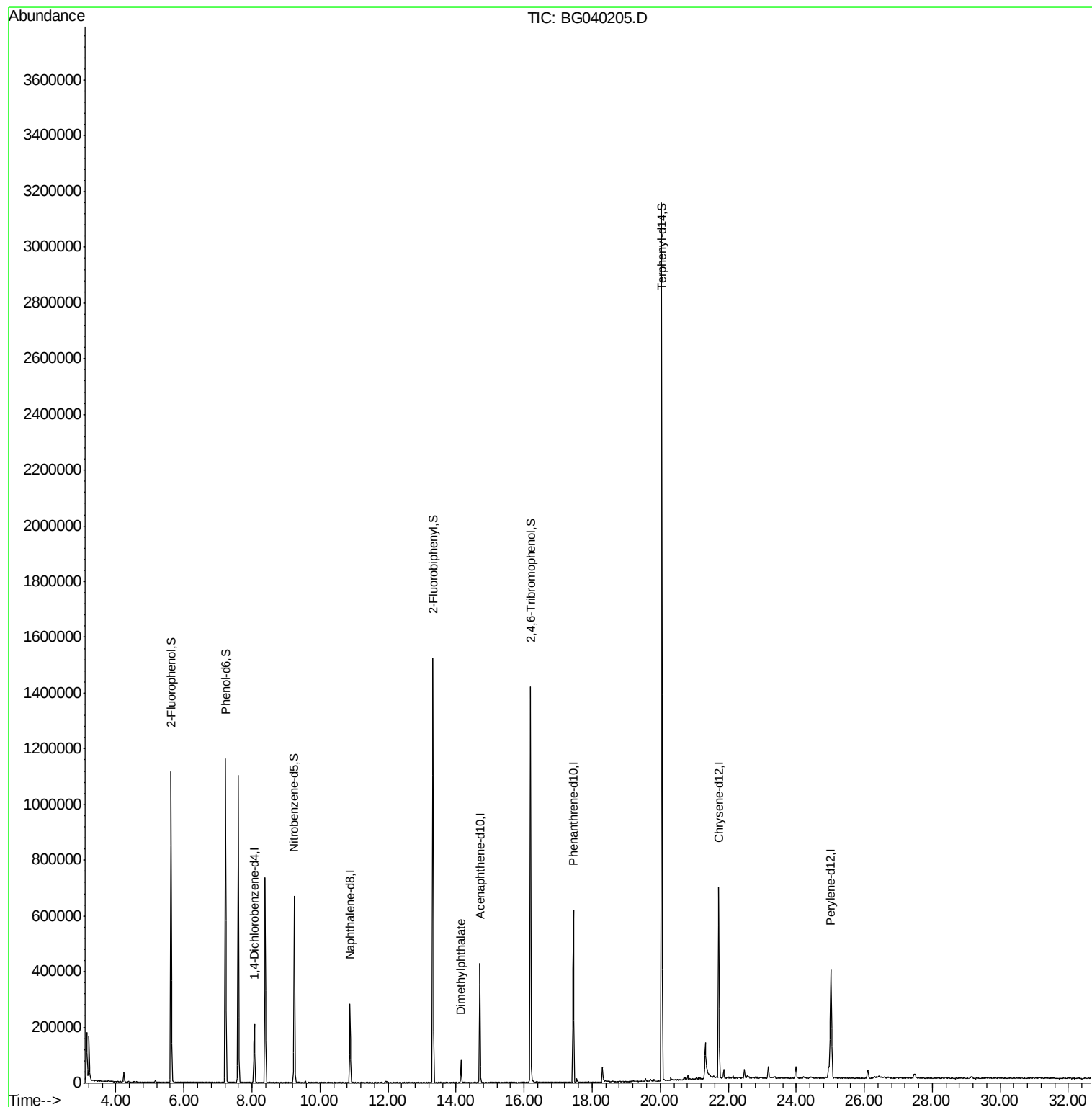
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61204	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	242210	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	149926	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	392769	20.00	ng	0.00
76) Chrysene-d12	21.72	240	416642	20.00	ng	-0.01
87) Perylene-d12	25.02	264	422126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	487098	132.30	ng	0.00
7) Phenol-d6	7.22	99	683293	134.29	ng	0.00
23) Nitrobenzene-d5	9.25	82	403878	88.63	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	252556	155.87	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	826262	81.66	ng	0.00
79) Terphenyl-d14	20.04	244	1399245	75.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	56505	4.816	ng	Qvalue 100

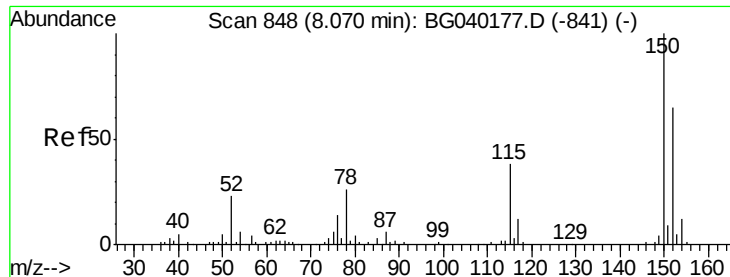
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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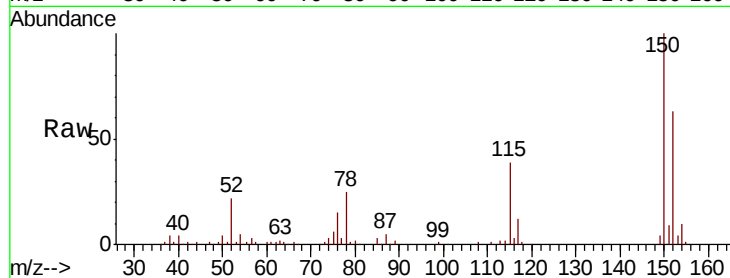


#1

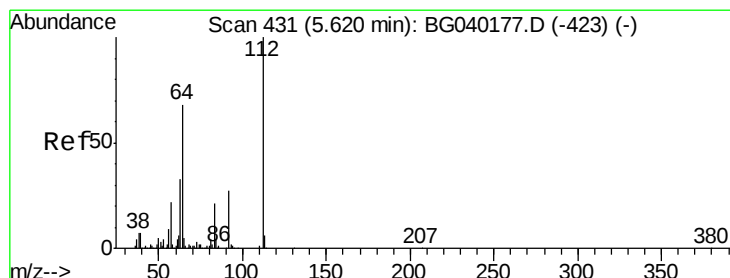
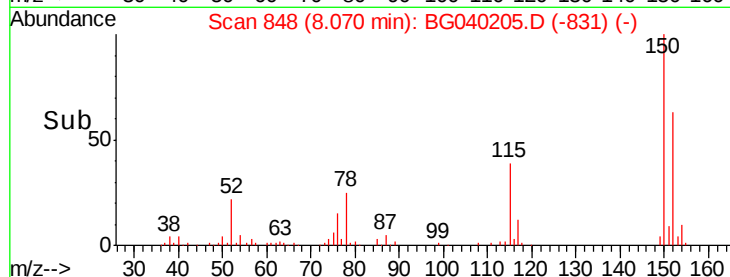
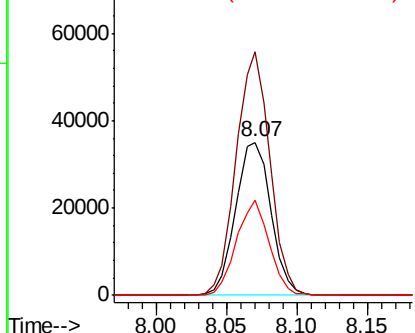
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 61204
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 61.8 46.9 70.3



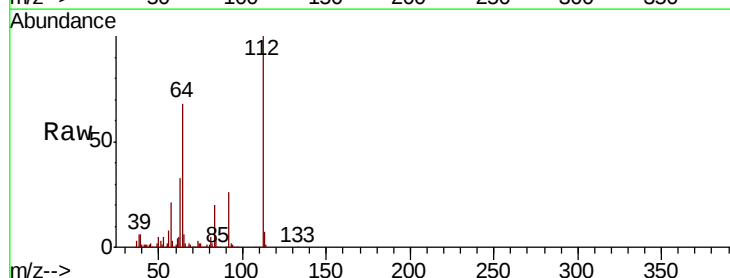
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



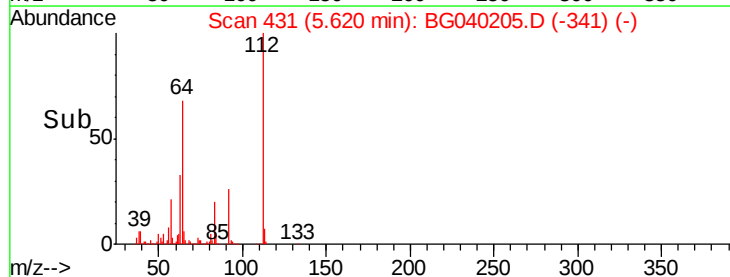
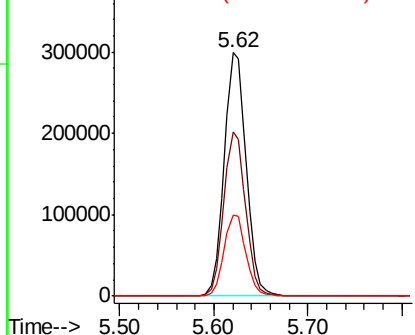
#5

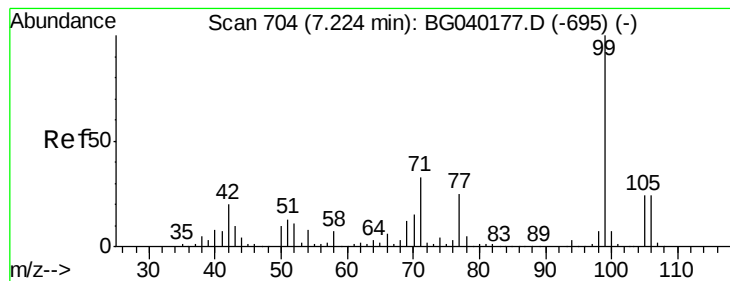
2-Fluorophenol
Concen: 132.305 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Tgt Ion:112 Resp: 487098
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 33.3 26.4 39.6



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: 134.293 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Instrument :

BNA_G

ClientSampled :

TP-1

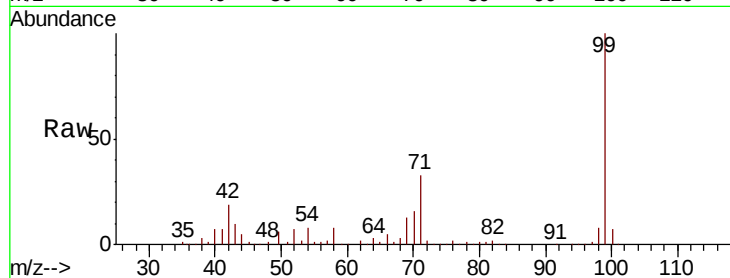
Tot Ion: 99 Resp: 683293

Ion Ratio Lower Upper

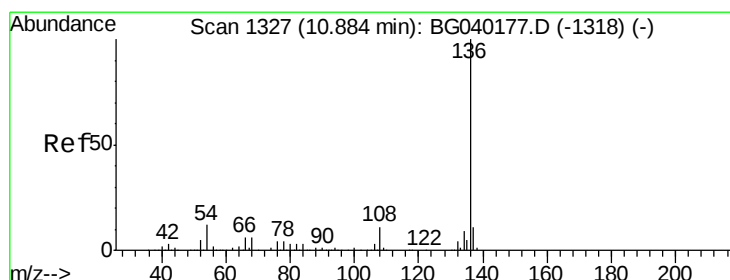
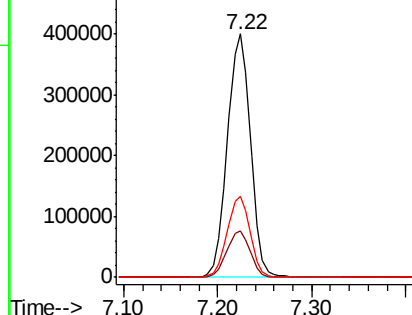
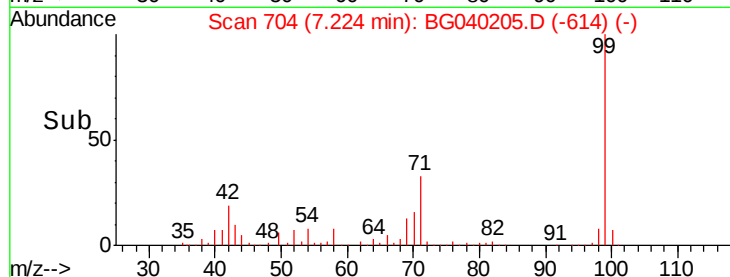
99 100

42 18.9 16.2 24.2

71 33.3 26.8 40.2



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: 10.88 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Tgt Ion: 136 Resp: 242210

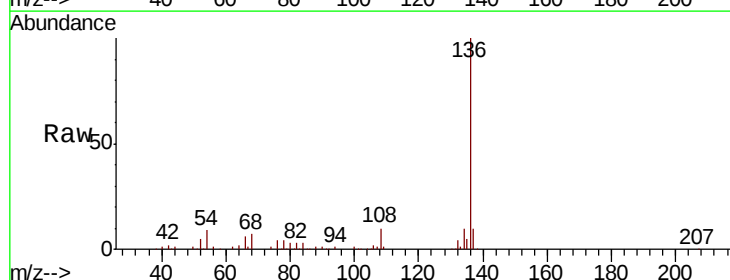
Ion Ratio Lower Upper

136 100

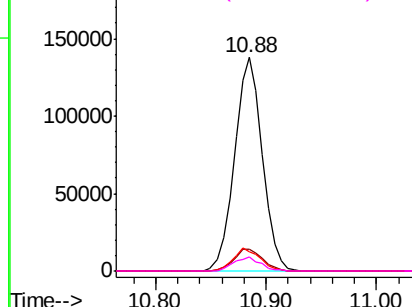
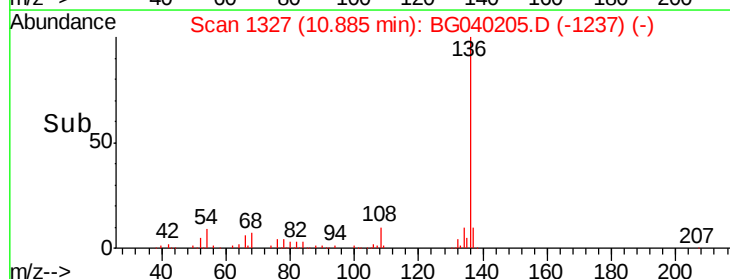
137 10.1 8.9 13.3

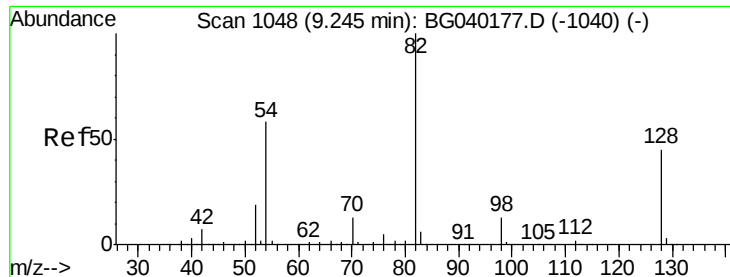
54 8.8 9.6 14.4#

68 6.6 5.1 7.7



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

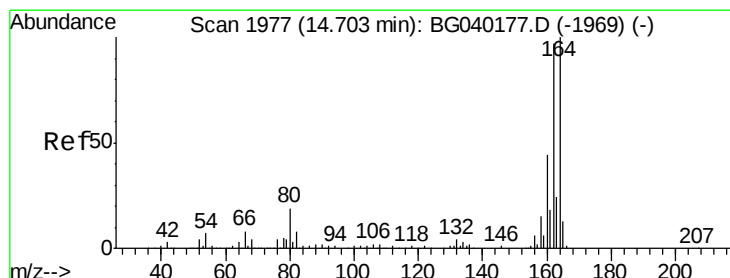
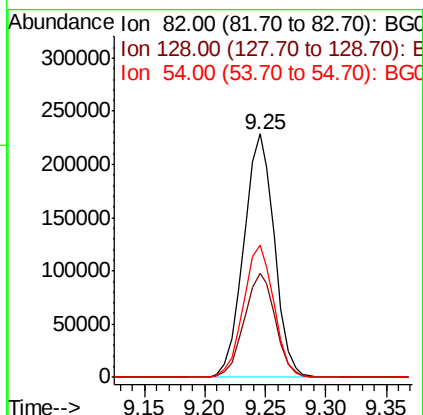
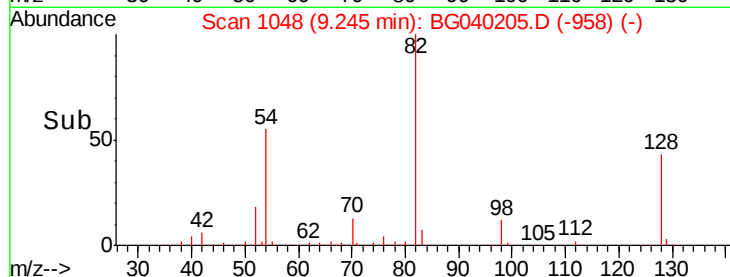
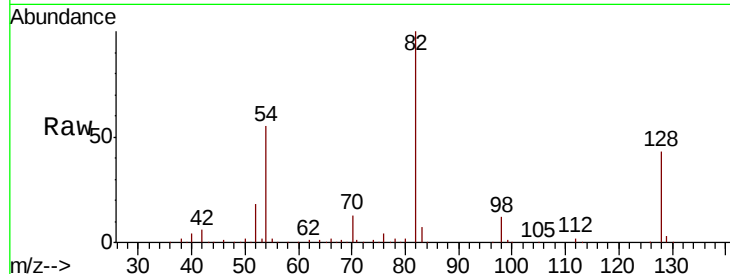




#23
Nitrobenzene-d5
Concen: 88.632 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

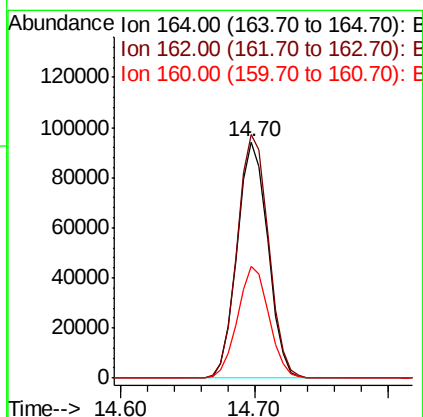
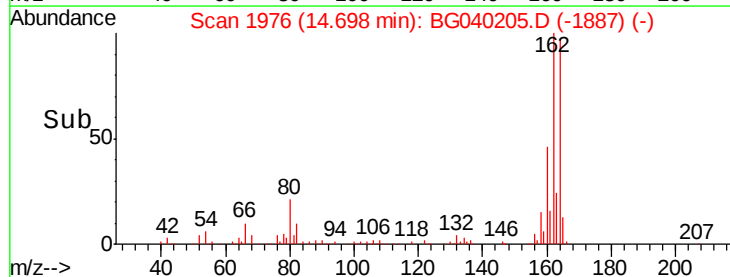
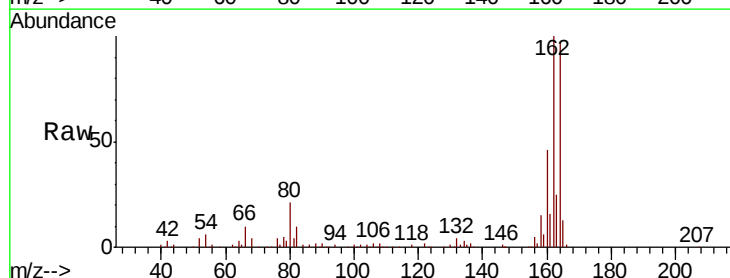
Instrument :
BNA_G
ClientSampled :
TP-1

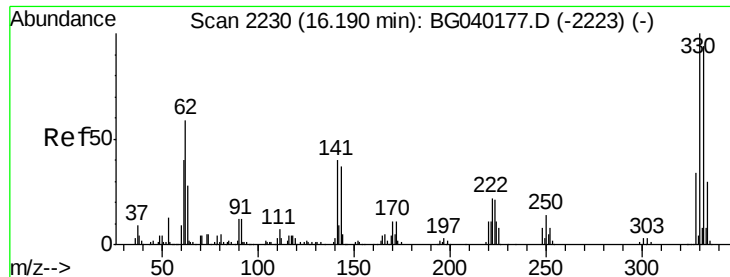
Tot Ion: 82 Resp: 403878
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.8
54 54.5 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Tgt Ion:164 Resp: 149926
Ion Ratio Lower Upper
164 100
162 102.9 77.4 116.2
160 47.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 155.869 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Instrument :

BNA_G

ClientSampleId :

TP-1

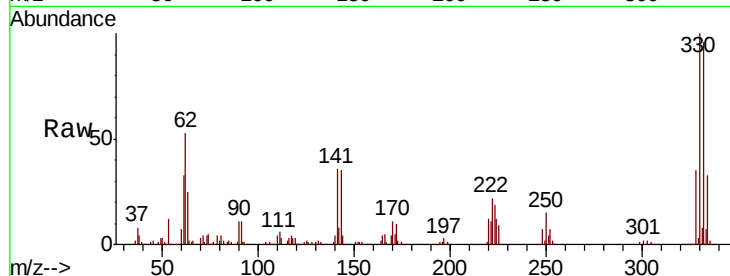
Tot Ion:330 Resp: 252556

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

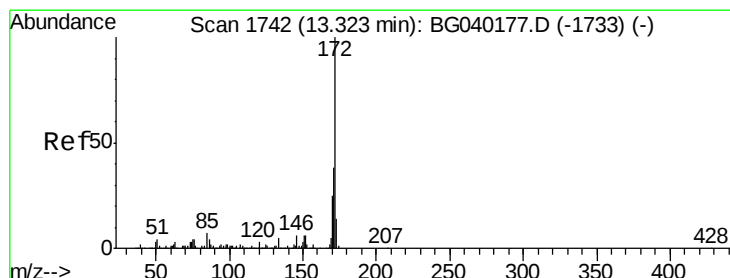
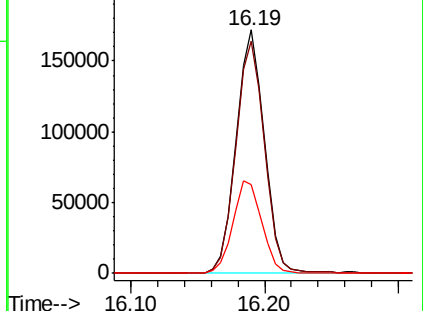
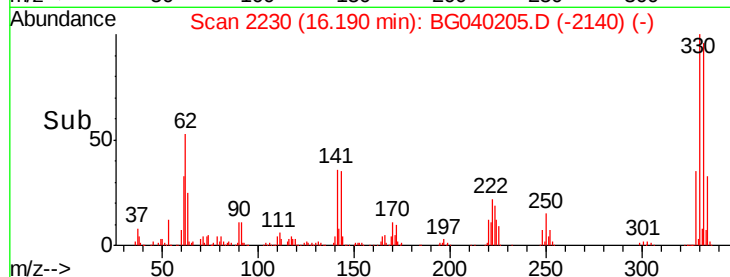
141 39.0 32.6 48.8



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: 81.662 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

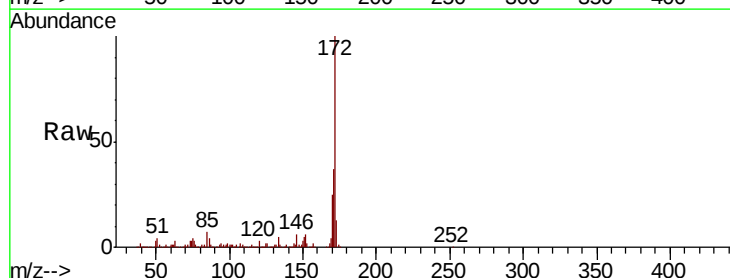
Tgt Ion:172 Resp: 826262

Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

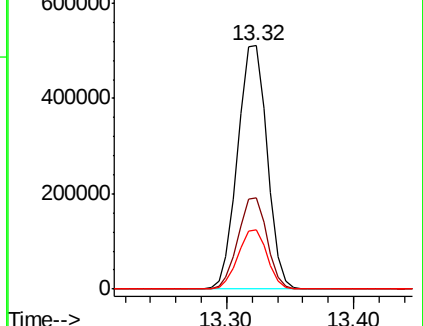
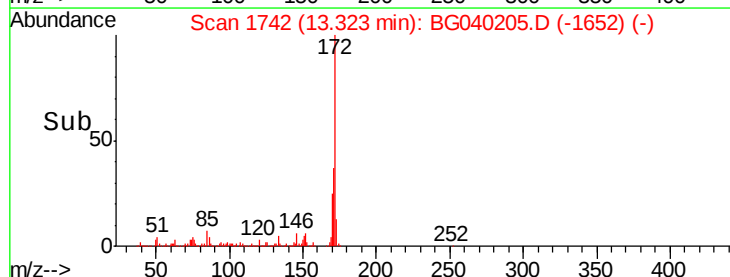
170 24.6 20.1 30.1

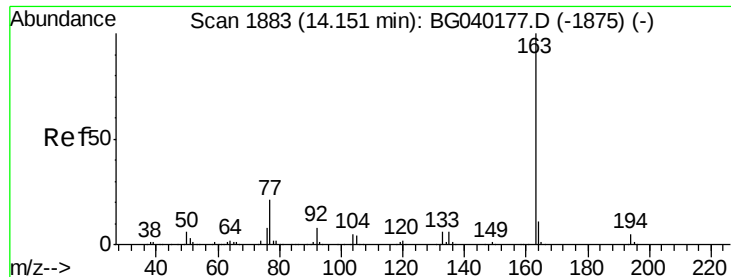


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.816 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

Instrument :

BNA_G

ClientSampleId :

TP-1

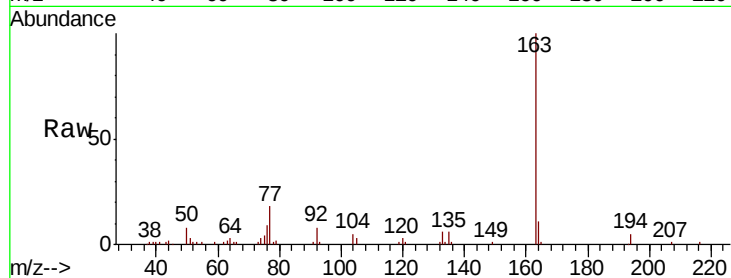
Tot Ion:163 Resp: 56505

Ion Ratio Lower Upper

163 100

194 5.0 4.1 6.1

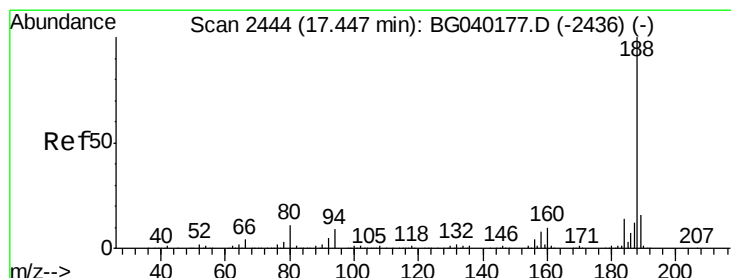
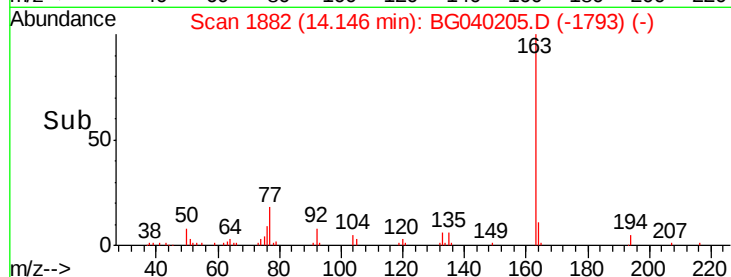
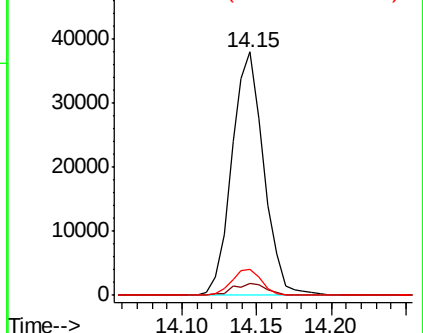
164 10.6 8.6 13.0



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: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG040205.D

Acq: 28 Mar 2019 18:24

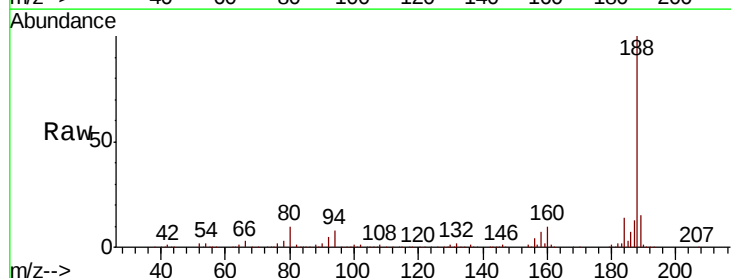
Tgt Ion:188 Resp: 392769

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

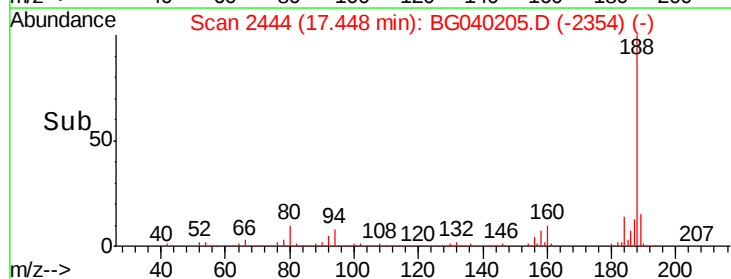
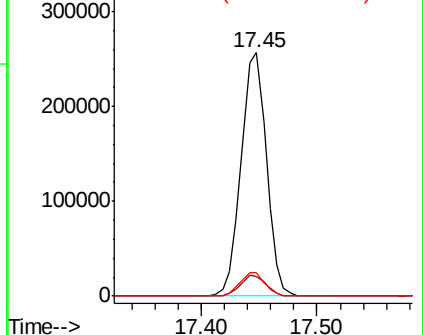
80 9.5 8.6 13.0

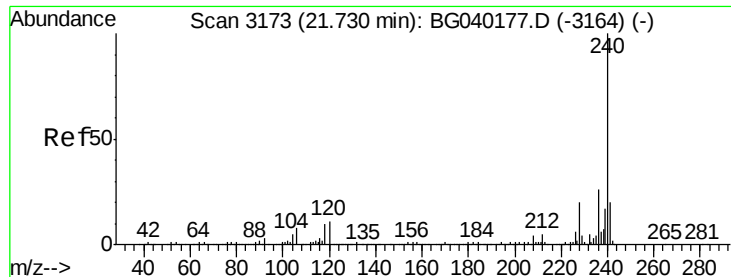


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

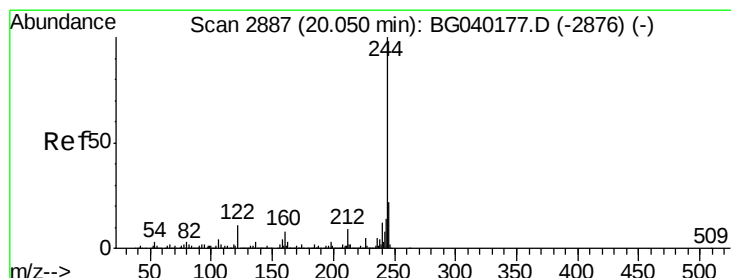
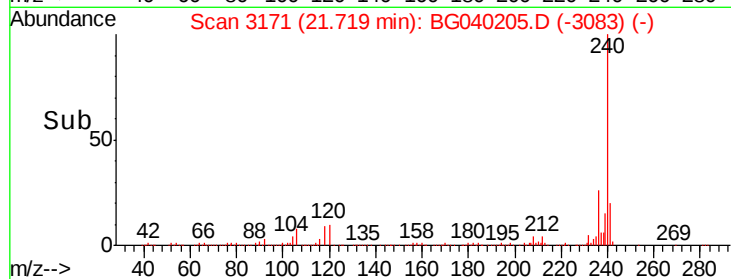
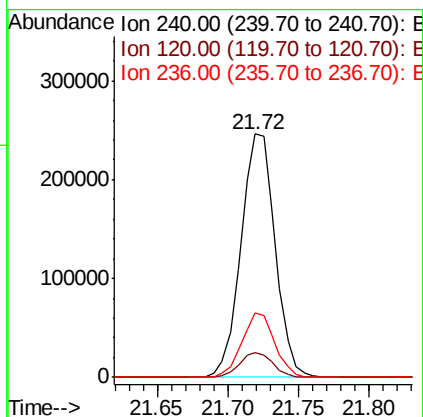
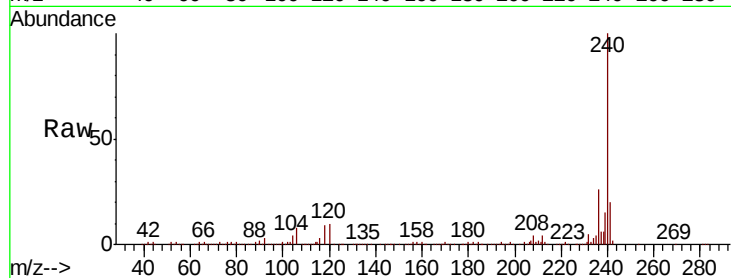




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG040205.D
 Acq: 28 Mar 2019 18:24

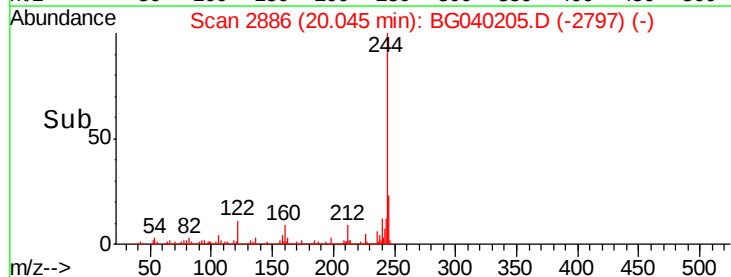
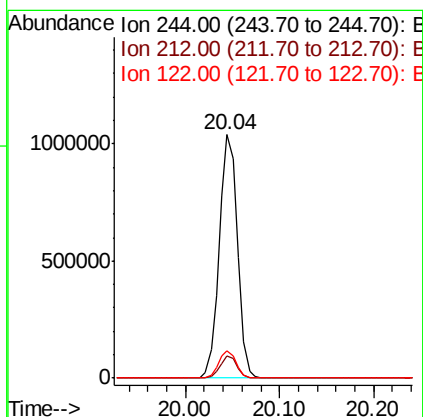
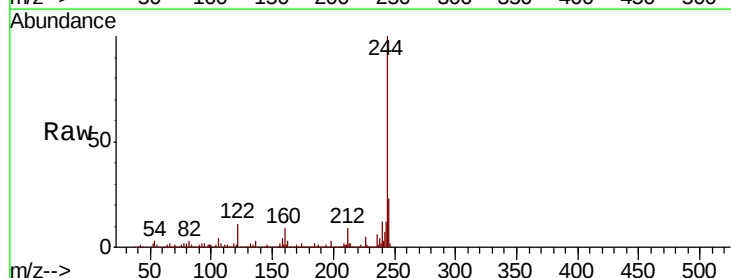
Instrument :
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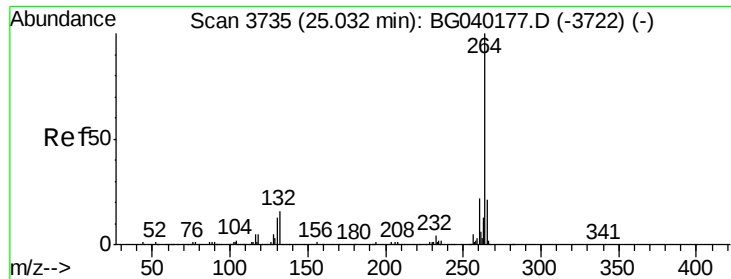
Tot Ion:240 Resp: 416642
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 26.3 20.8 31.2



#79
 Terphenyl-d14
 Concen: 75.552 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.01 min
 Lab File: BG040205.D
 Acq: 28 Mar 2019 18:24

Tgt Ion:244 Resp: 1399245
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 11.3 8.5 12.7

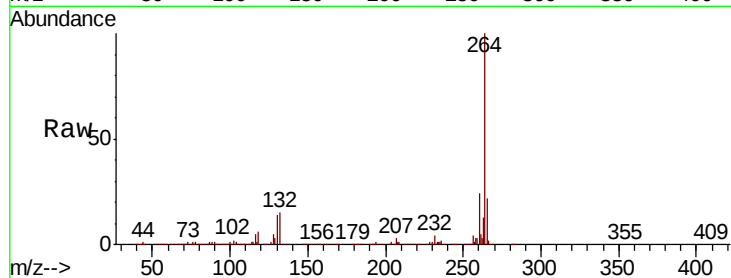




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040205.D
Acq: 28 Mar 2019 18:24

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	22.0	16.8	25.2



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

