

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042277.D
 Acq On : 17 Aug 2019 2:19
 Operator : HP/JU
 Sample : K4264-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-G1-G4-(3)

Quant Time: Aug 17 05:43:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56197	20.00	ng	-0.03
21) Naphthalene-d8	10.83	136	212646	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	156058	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	388902	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	448539	20.00	ng	-0.03
87) Perylene-d12	24.96	264	518049	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	387449	134.14	ng	-0.02
7) Phenol-d6	7.17	99	469333	120.53	ng	-0.02
23) Nitrobenzene-d5	9.18	82	322723	104.44	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	340508	192.09	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	995367	112.49	ng	-0.04
79) Terphenyl-d14	20.04	244	1963302	100.16	ng	-0.03

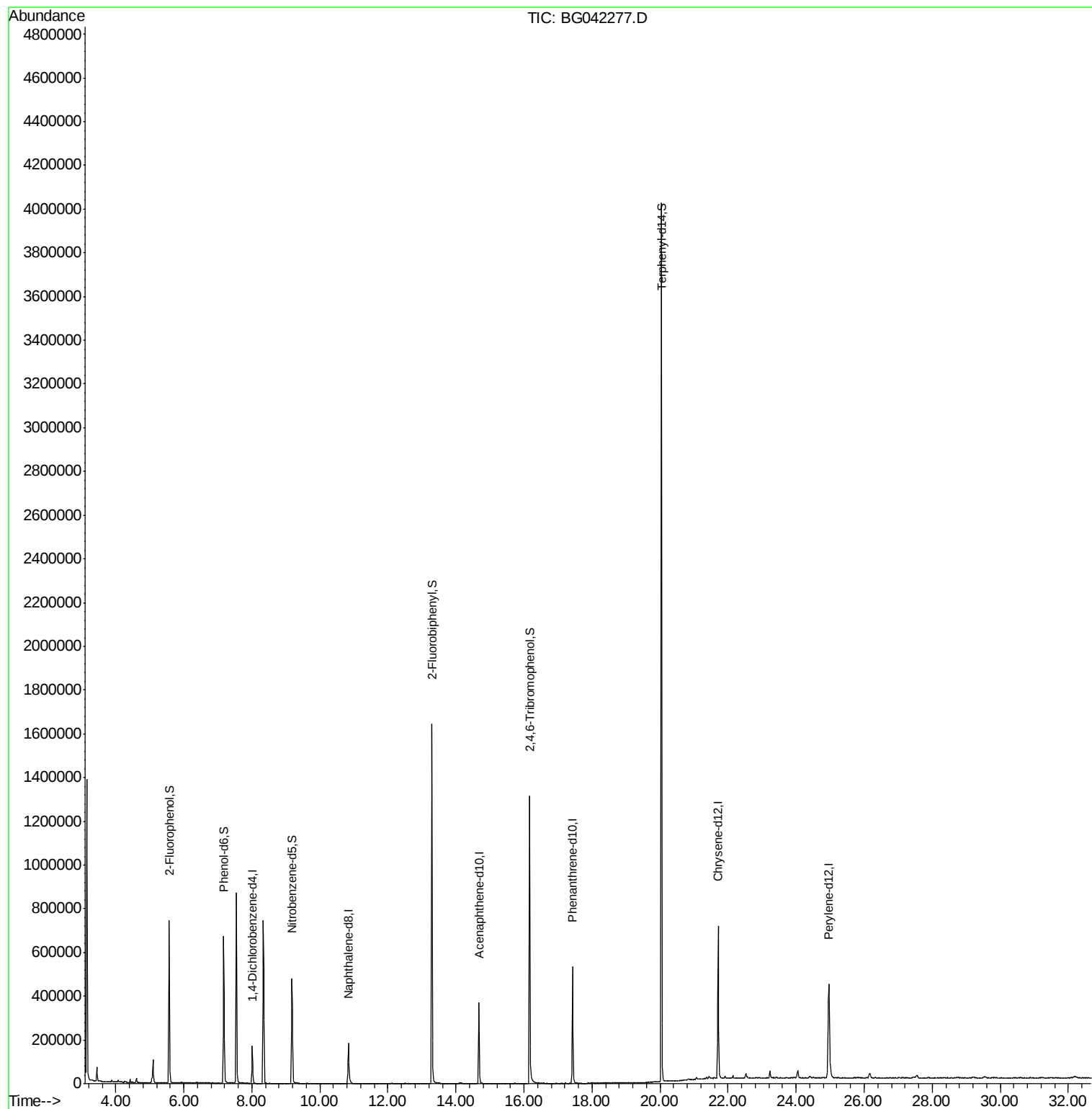
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042277.D
Acq On : 17 Aug 2019 2:19
Operator : HP/JU
Sample : K4264-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Quant Time: Aug 17 05:43:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



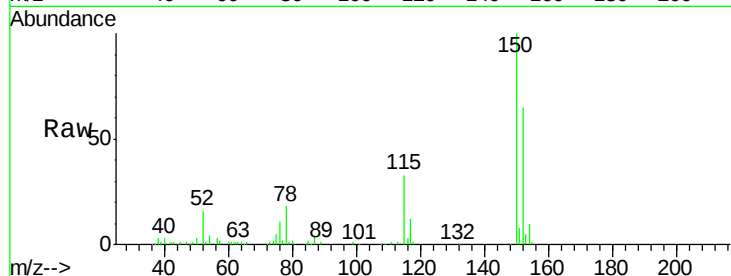


#1

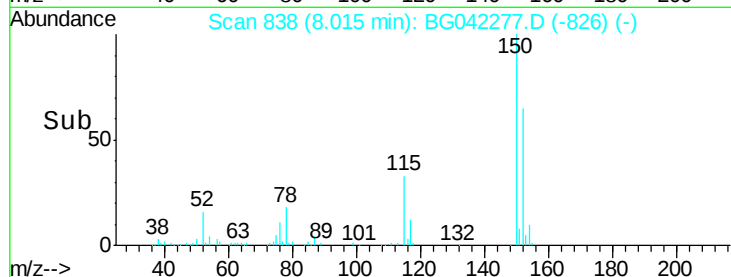
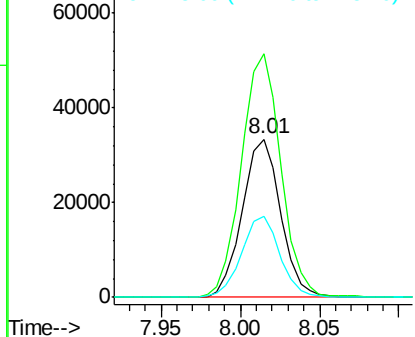
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	51.1	45.0	67.6



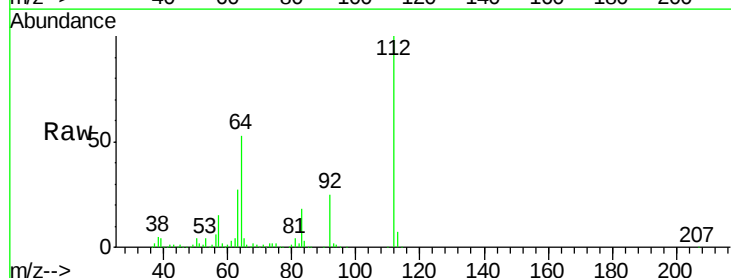
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



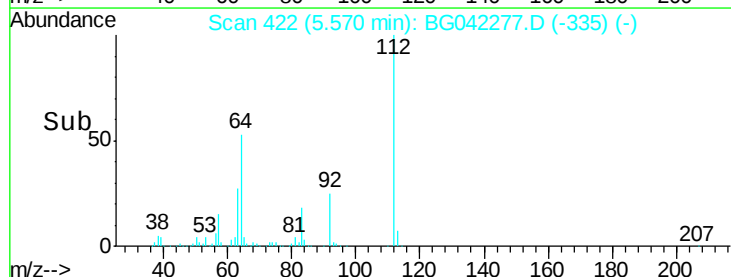
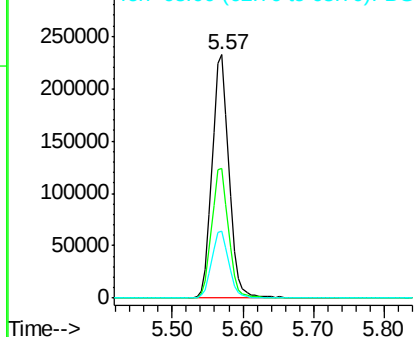
#5

2-Fluorophenol
Concen: 134.140 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	55.4	83.2#
63	27.3	29.1	43.7#



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: 120.527 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042277.D

Acq: 17 Aug 2019 2:19

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-G1-G4-(3)

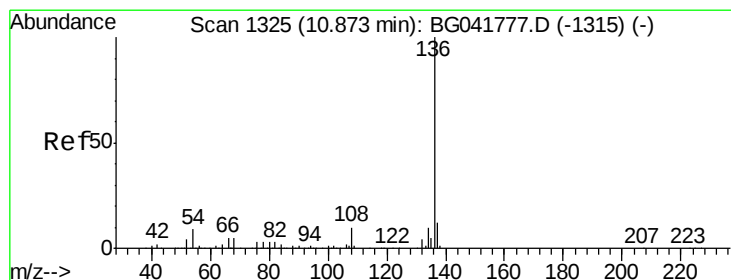
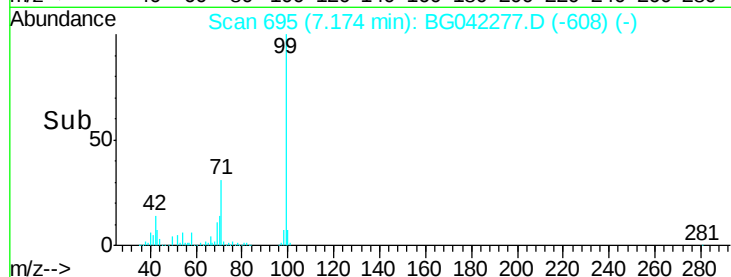
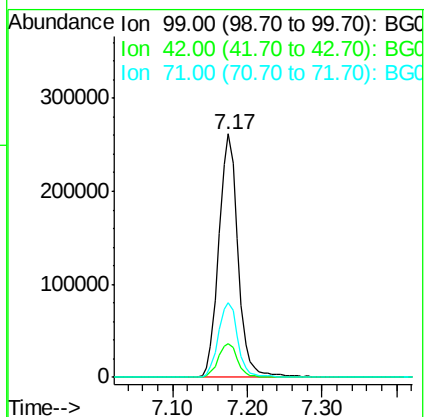
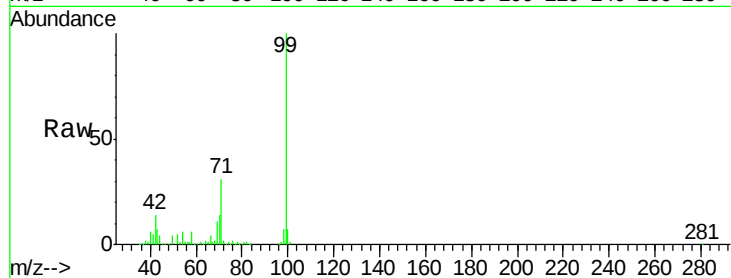
Tot Ion: 99 Resp: 469333

Ion Ratio Lower Upper

99 100

42 14.1 17.6 26.4#

71 30.8 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.04 min

Lab File: BG042277.D

Acq: 17 Aug 2019 2:19

Tgt Ion: 136 Resp: 212646

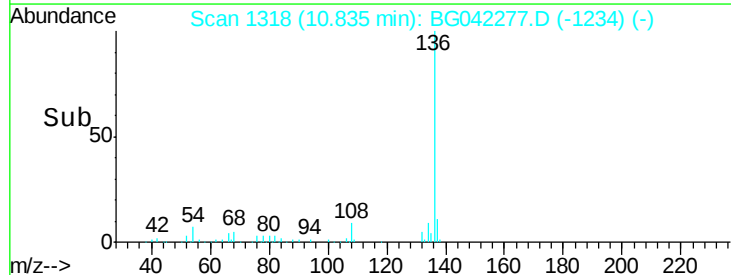
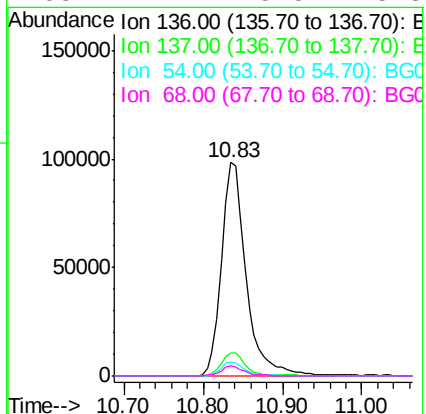
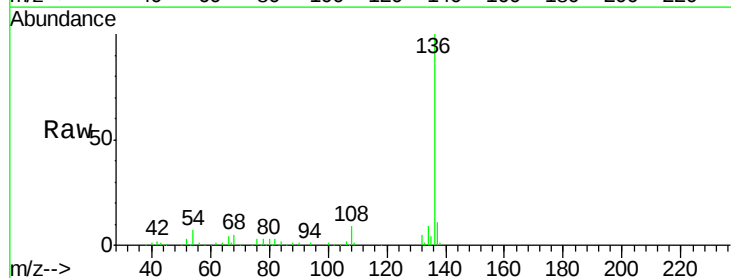
Ion Ratio Lower Upper

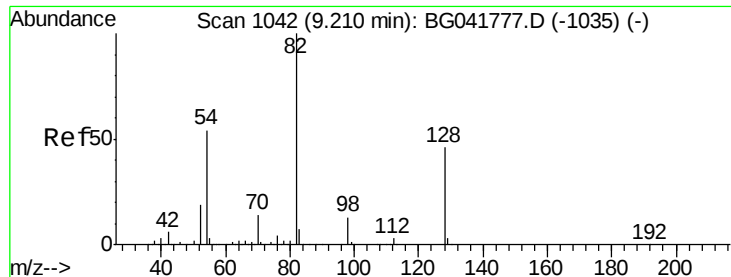
136 100

137 11.0 9.2 13.8

54 6.9 8.7 13.1#

68 4.7 5.5 8.3#

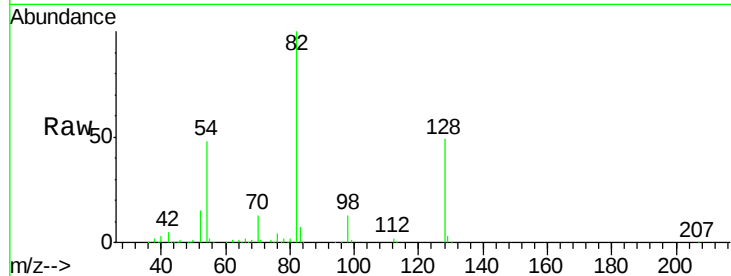




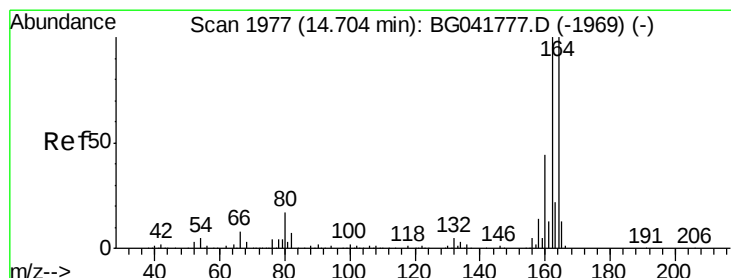
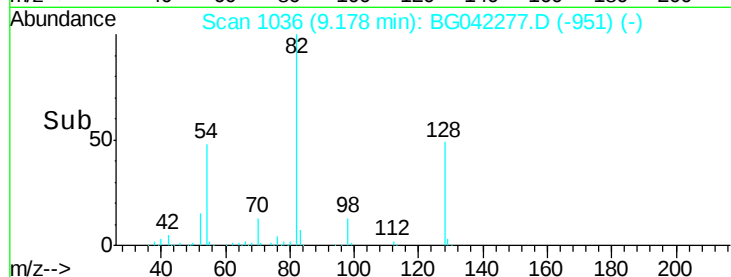
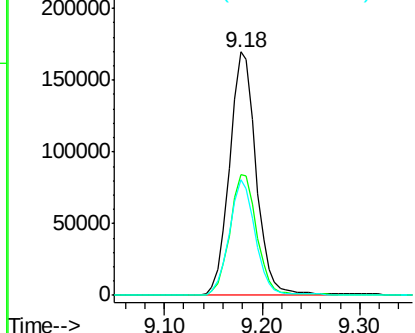
#23
Nitrobenzene-d5
Concen: 104.439 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

Tot Ion: 82 Resp: 322723
Ion Ratio Lower Upper
82 100
128 49.4 35.1 52.7
54 47.6 48.7 73.1#

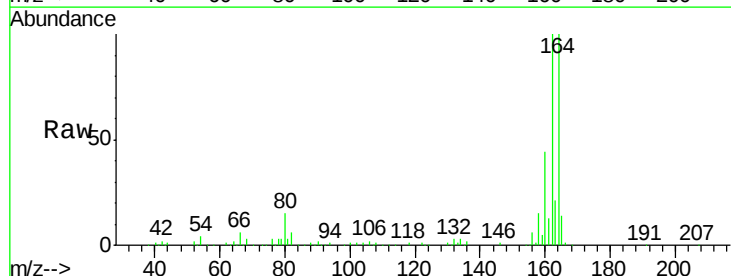


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

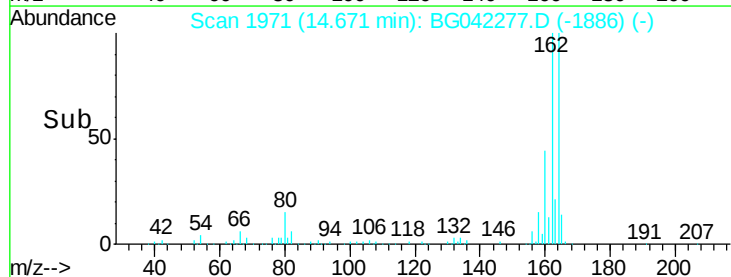
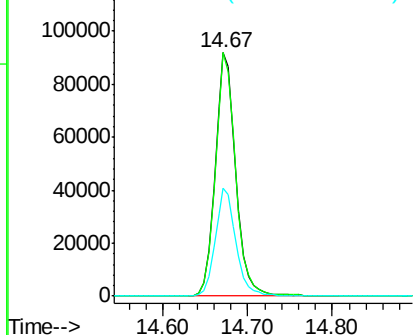


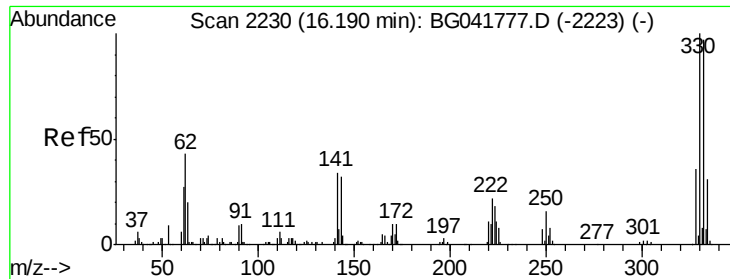
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:164 Resp: 156058
Ion Ratio Lower Upper
164 100
162 100.2 79.6 119.4
160 44.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

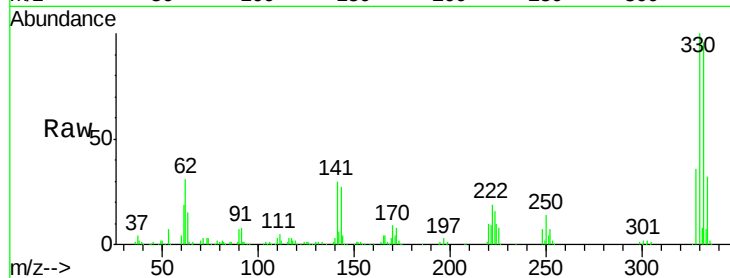




#42
 2,4,6-Tribromophenol
 Concen: 192.095 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG042277.D
 Acq: 17 Aug 2019 2:19

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-G1-G4-(3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	28.3	31.9	47.9#

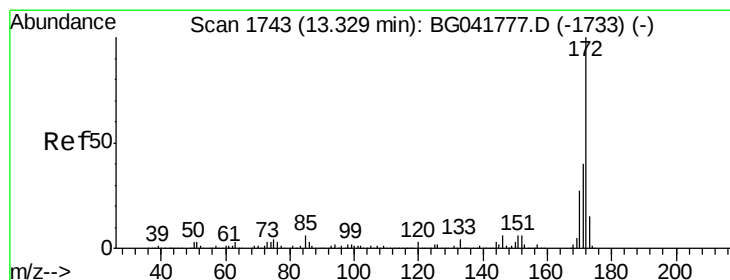
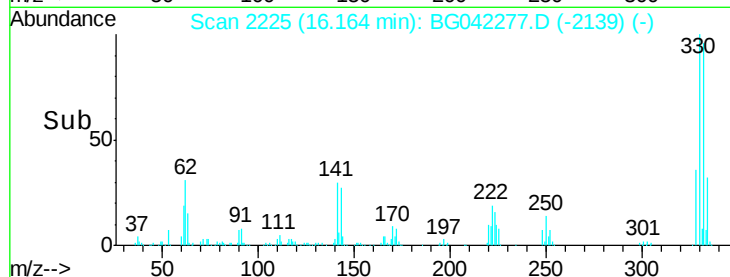
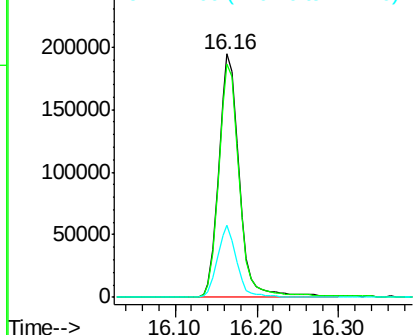


Abundance

Ion 329.80 (329.50 to 330.50): E

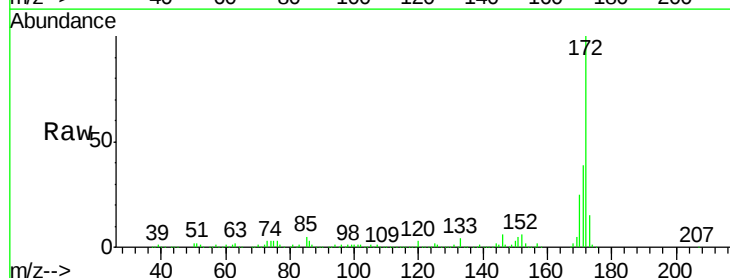
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.494 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042277.D
 Acq: 17 Aug 2019 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	35.0	52.4
170	25.3	23.5	35.3

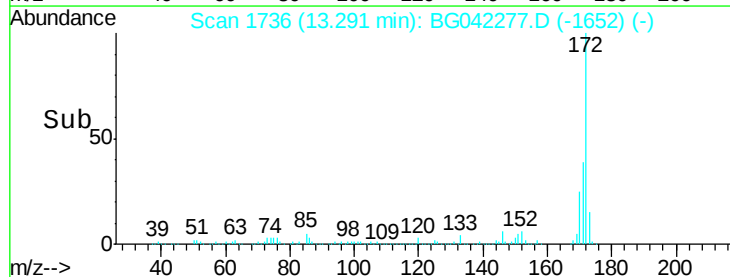
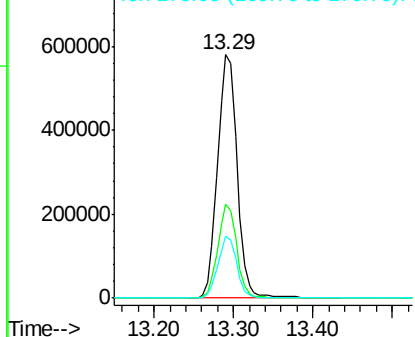


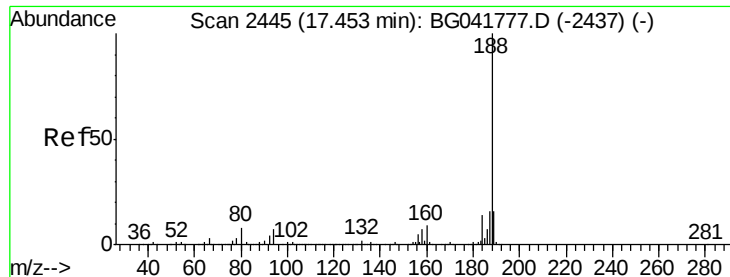
Abundance

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

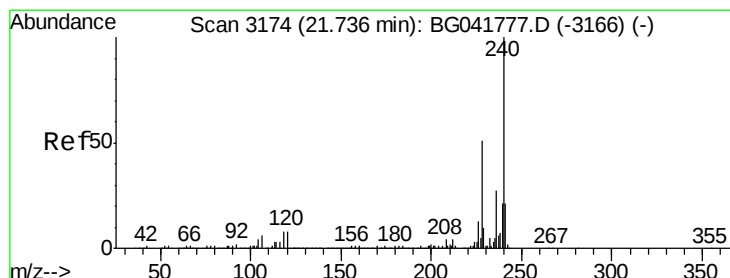
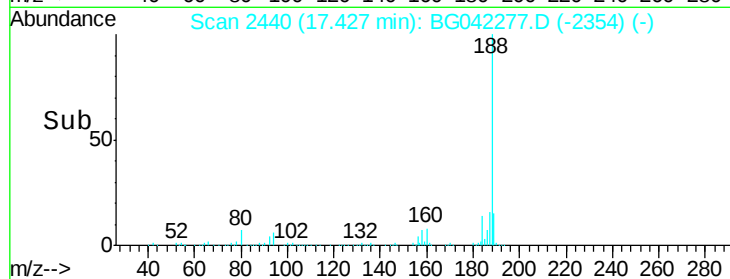
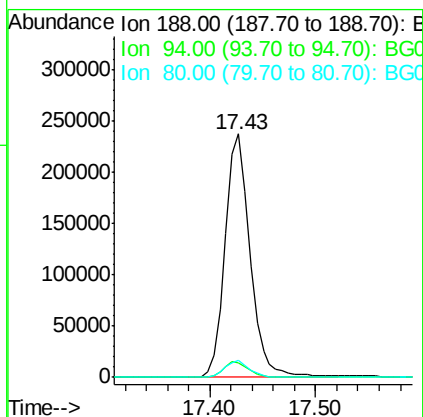
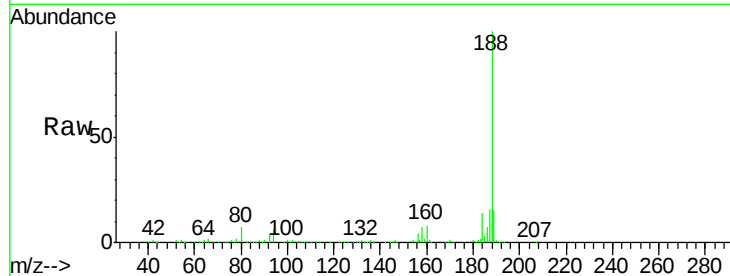




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

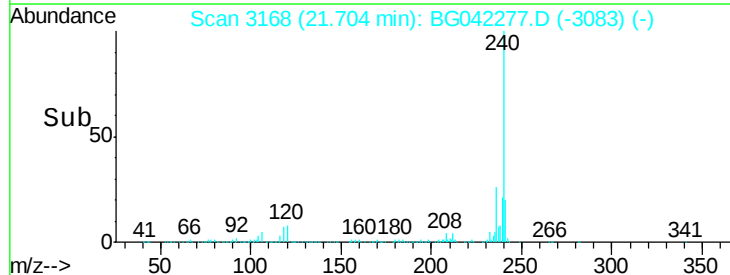
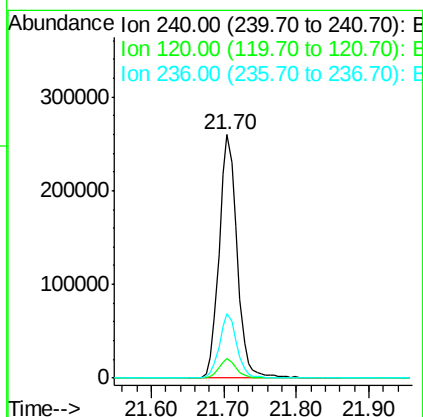
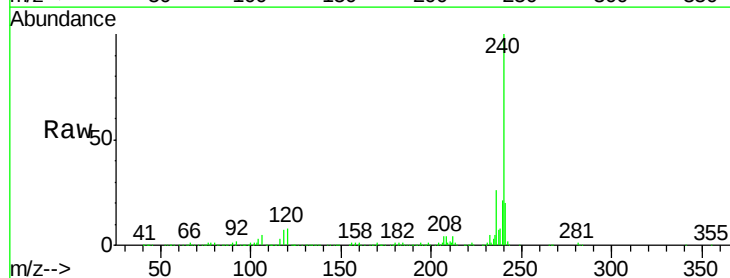
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(3)

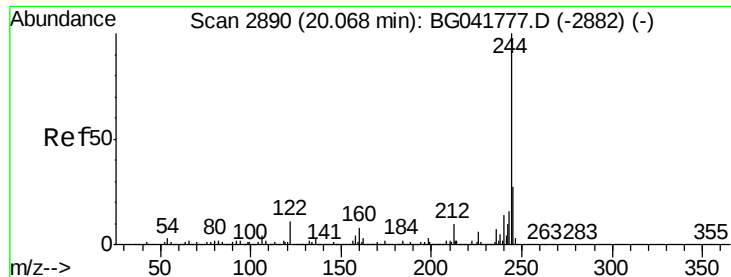
Tot Ion:188 Resp: 388902
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 6.9 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG042277.D
Acq: 17 Aug 2019 2:19

Tgt Ion:240 Resp: 448539
Ion Ratio Lower Upper
240 100
120 8.0 8.0 12.0#
236 26.5 22.6 33.8





#79

Terphenyl-d14

Concen: 100.160 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.03 min

Lab File: BG042277.D

Acq: 17 Aug 2019 2:19

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-G1-G4-(3)

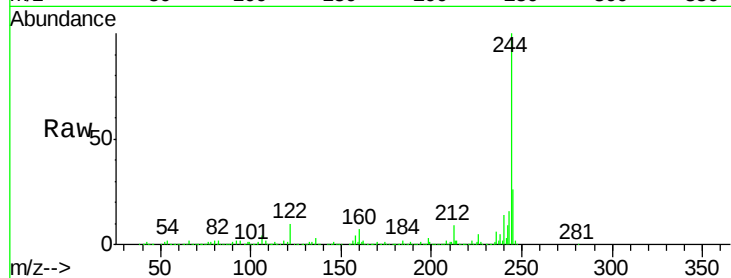
Tot Ion:244 Resp: 1963302

Ion Ratio Lower Upper

244 100

212 8.9 9.7 14.5#

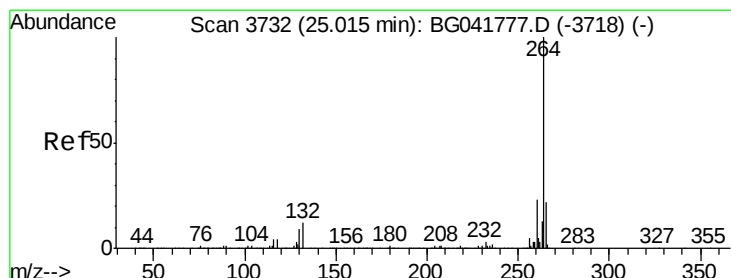
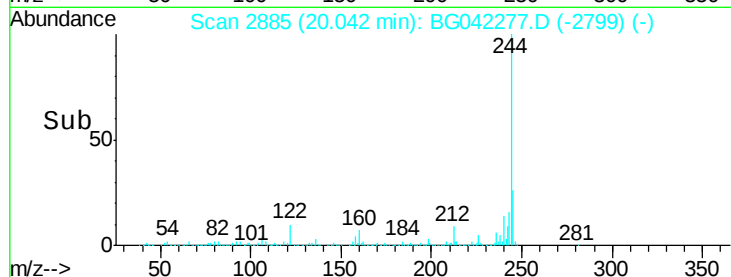
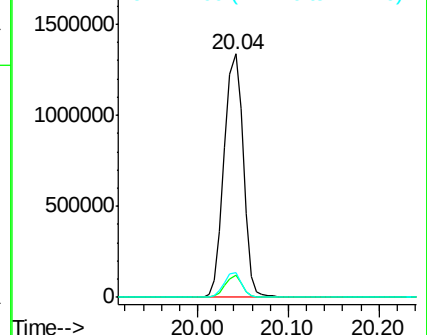
122 10.0 12.5 18.7#



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: 24.96 min Scan# 3722

Delta R.T. -0.06 min

Lab File: BG042277.D

Acq: 17 Aug 2019 2:19

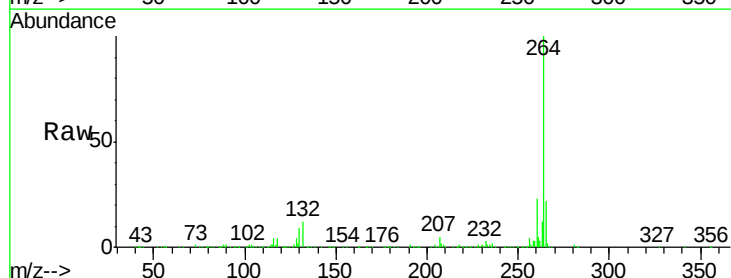
Tgt Ion:264 Resp: 518049

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 22.0 18.0 27.0



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

