

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042278.D
 Acq On : 17 Aug 2019 2:57
 Operator : HP/JU
 Sample : K4231-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-F-(0-3)

Quant Time: Aug 17 05:44:38 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	51179	20.00	ng	-0.03
21) Naphthalene-d8	10.83	136	192477	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	142456	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	352030	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	406823	20.00	ng	-0.03
87) Perylene-d12	24.96	264	460887	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	337369	128.25	ng	-0.02
7) Phenol-d6	7.17	99	414818	116.97	ng	-0.02
23) Nitrobenzene-d5	9.18	82	282973	101.17	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	298947	184.75	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	893845	110.67	ng	-0.04
79) Terphenyl-d14	20.04	244	1806507	101.61	ng	-0.03

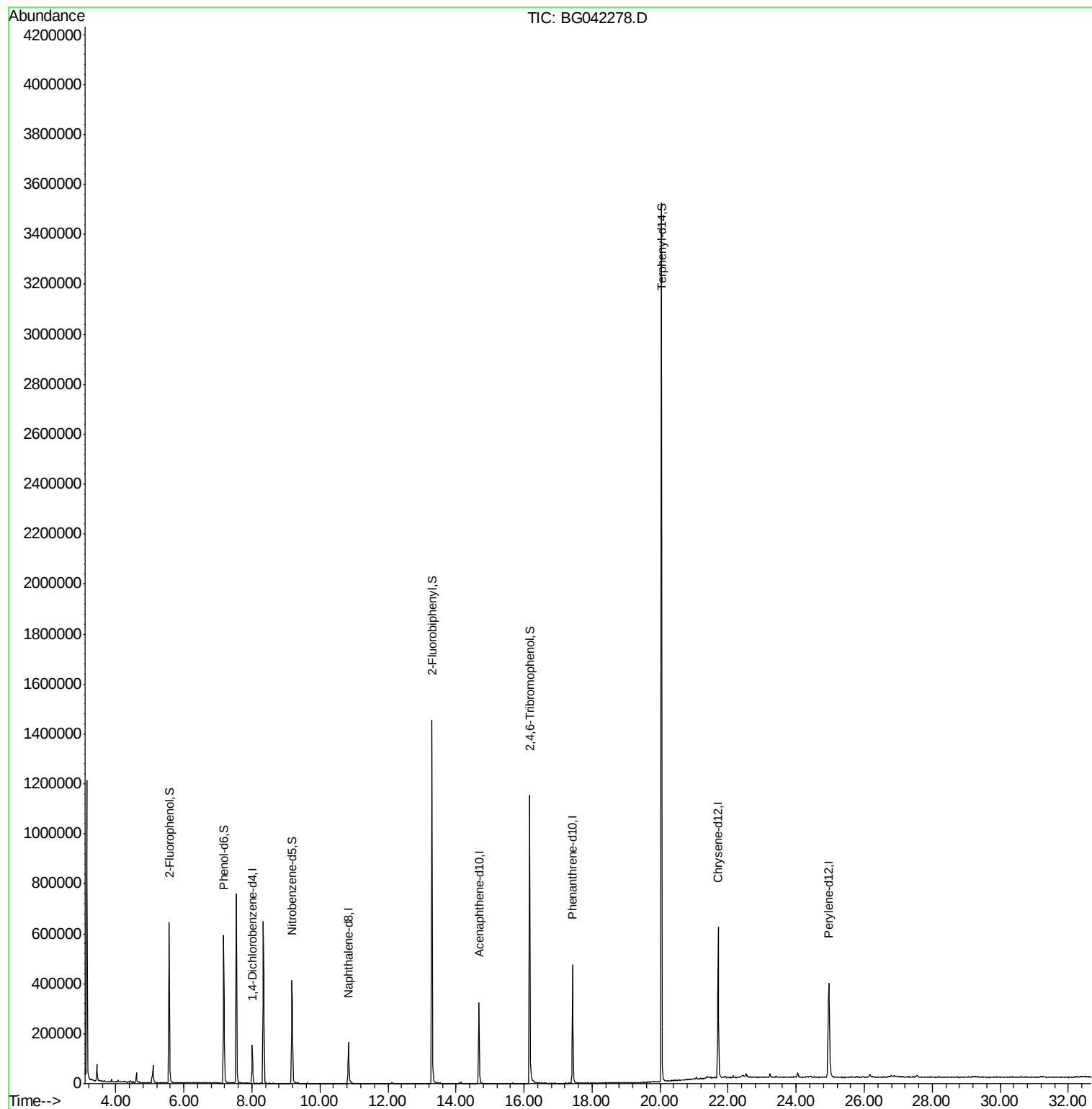
Target Compounds Qvalue

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

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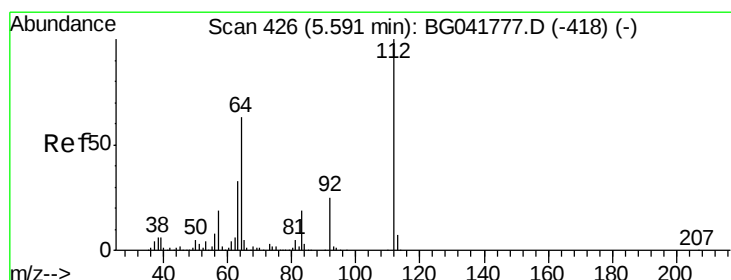
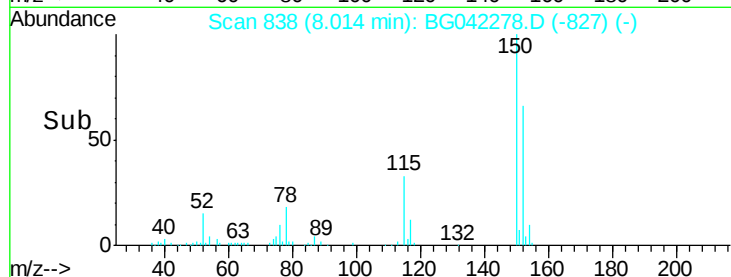
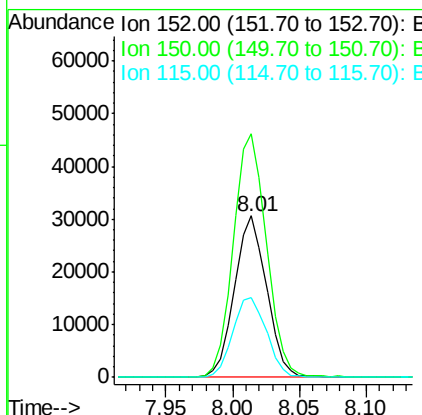
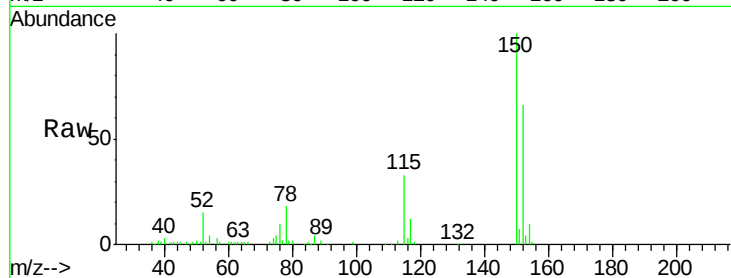




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BG042278.D
 Acq: 17 Aug 2019 2:57

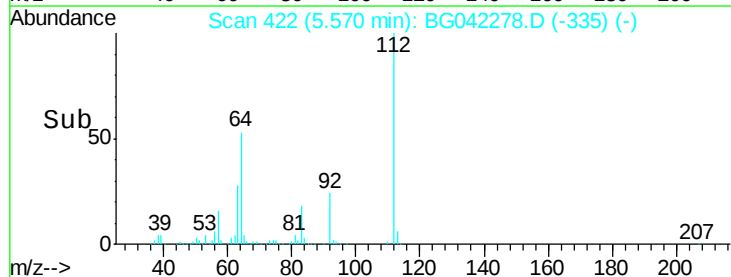
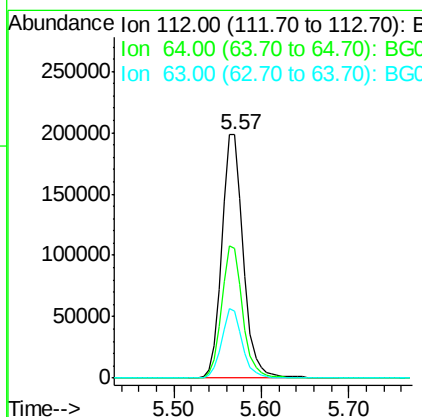
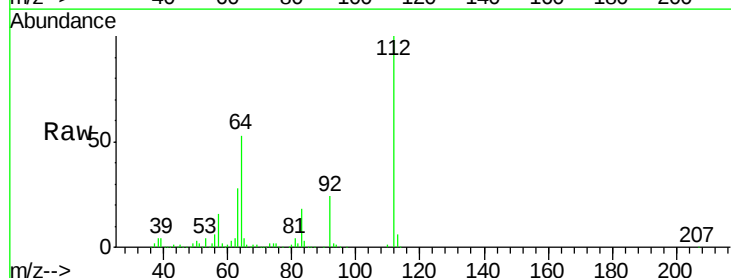
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-F-(0-3)

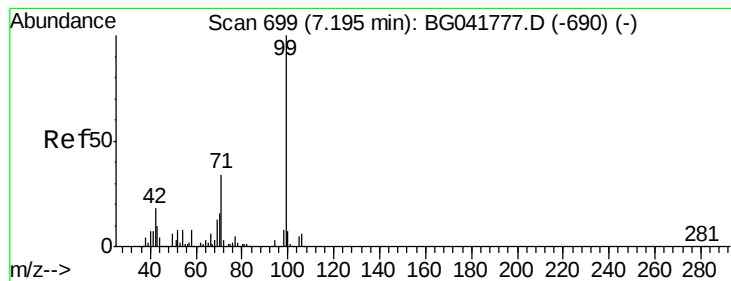
Tot Ion:152 Resp: 51179
 Ion Ratio Lower Upper
 152 100
 150 150.9 126.9 190.3
 115 49.4 45.0 67.6



#5
 2-Fluorophenol
 Concen: 128.254 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BG042278.D
 Acq: 17 Aug 2019 2:57

Tgt Ion:112 Resp: 337369
 Ion Ratio Lower Upper
 112 100
 64 53.3 55.4 83.2#
 63 27.5 29.1 43.7#





#7

Phenol-d6

Concen: 116.972 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042278.D

Acq: 17 Aug 2019 2:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-F-(0-3)

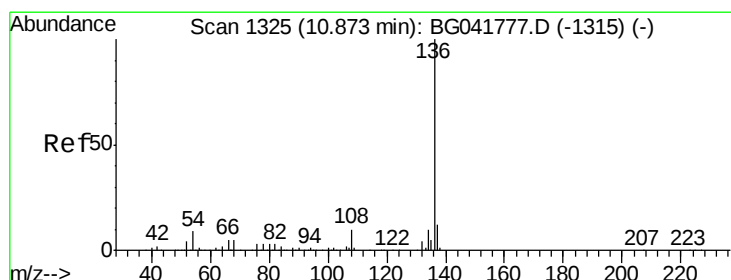
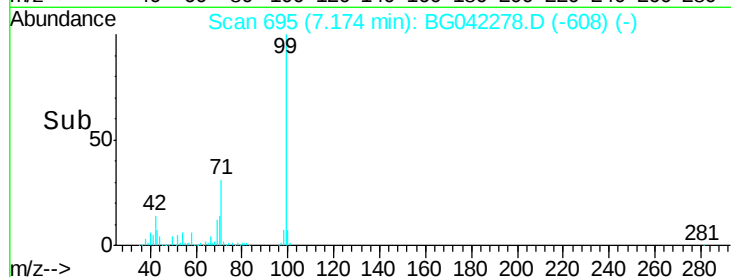
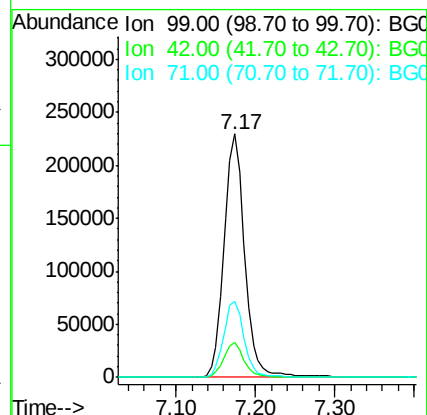
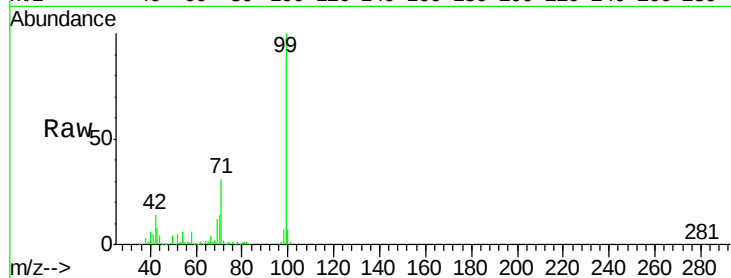
Tot Ion: 99 Resp: 414818

Ion Ratio Lower Upper

99 100

42 14.2 17.6 26.4#

71 31.4 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: BG042278.D

Acq: 17 Aug 2019 2:57

Tgt Ion: 136 Resp: 192477

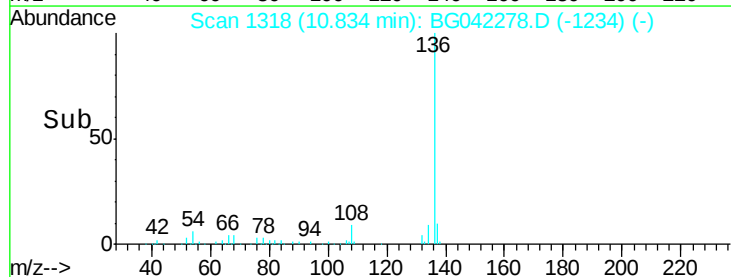
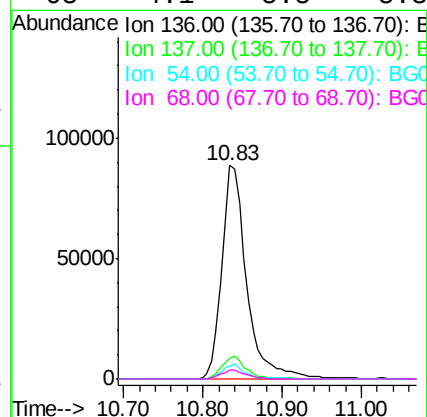
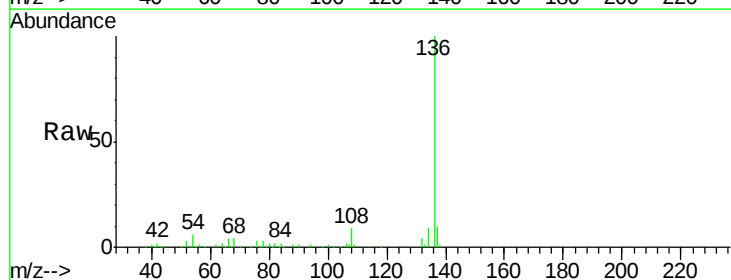
Ion Ratio Lower Upper

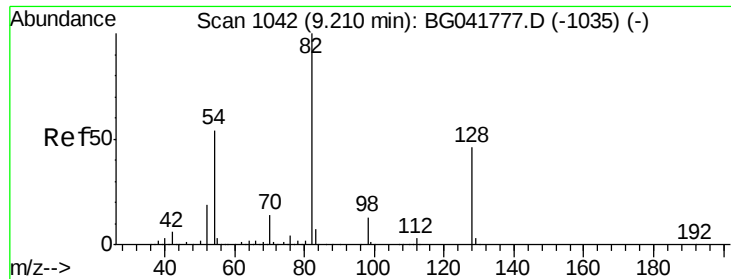
136 100

137 9.9 9.2 13.8

54 6.2 8.7 13.1#

68 4.1 5.5 8.3#

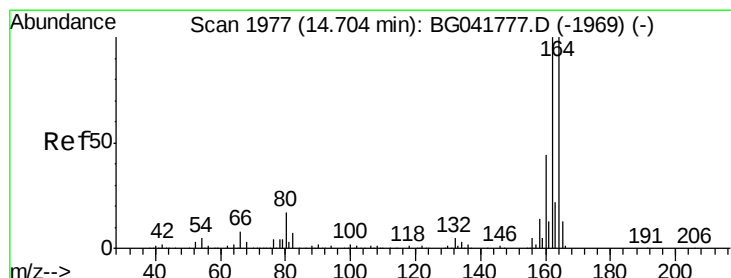
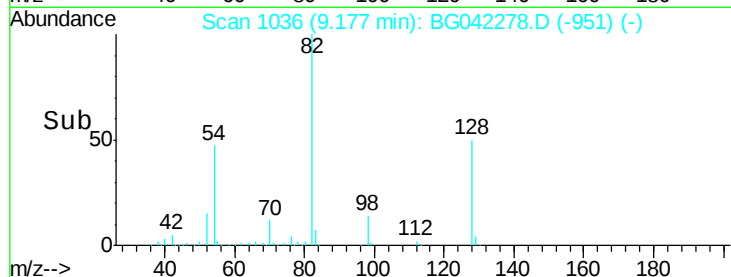
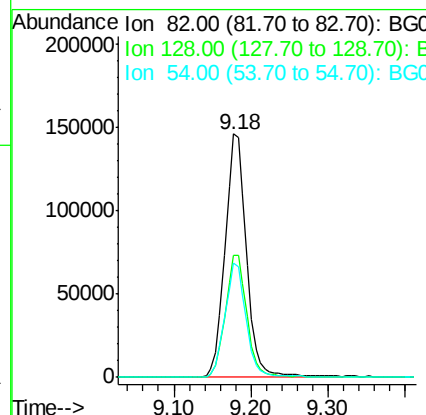
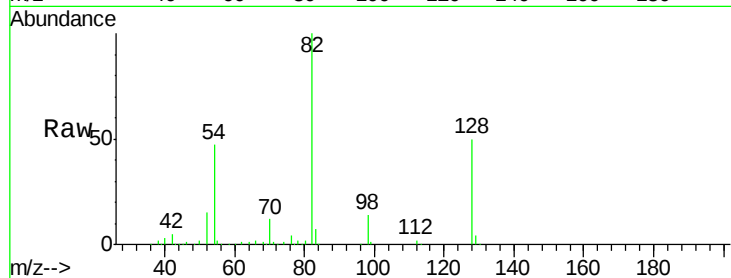




#23
Nitrobenzene-d5
Concen: 101.171 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042278.D
Acq: 17 Aug 2019 2:57

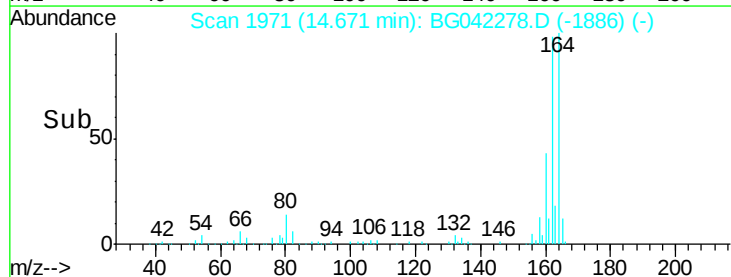
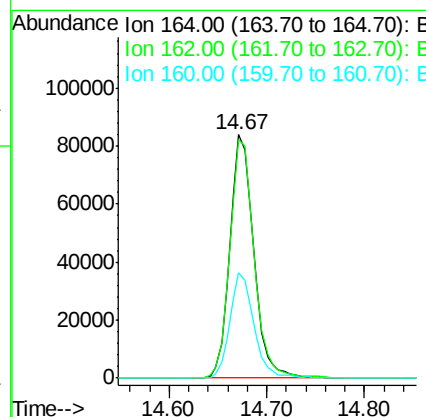
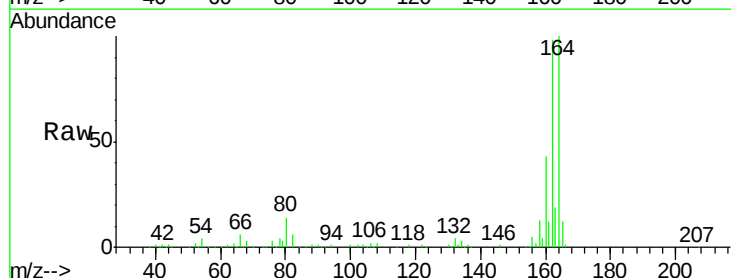
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-F-(0-3)

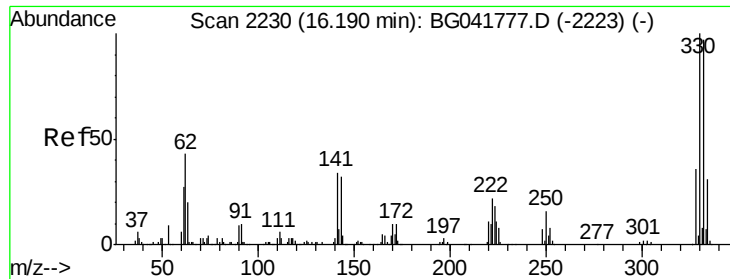
Tot Ion	82	Resp	282973
Ion Ratio	100	Lower	Upper
128	50.1	35.1	52.7
54	46.8	48.7	73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG042278.D
Acq: 17 Aug 2019 2:57

Tgt Ion	164	Resp	142456
Ion Ratio	100	Lower	Upper
162	97.9	79.6	119.4
160	43.5	35.4	53.0

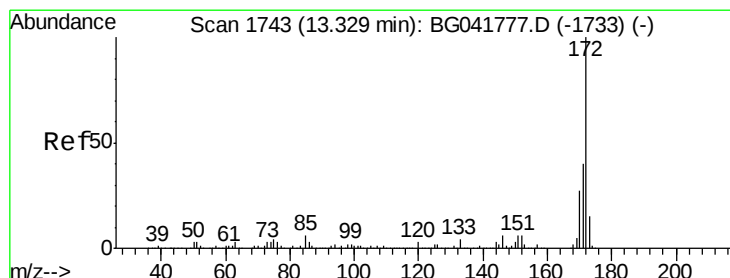
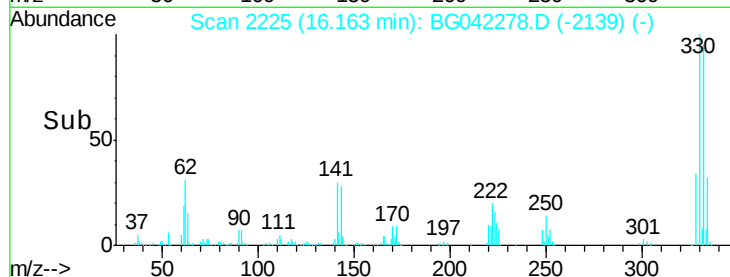
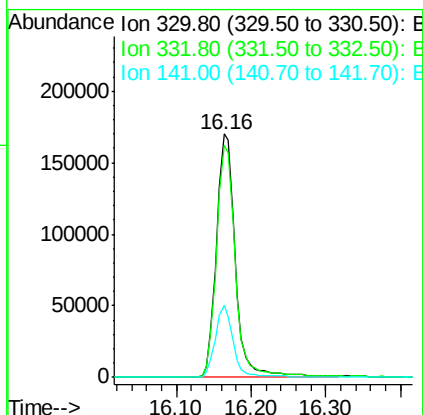
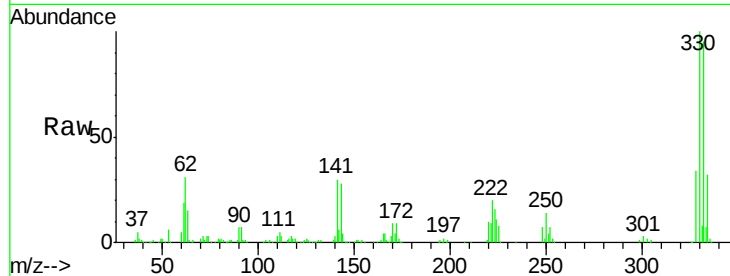




#42
 2,4,6-Tribromophenol
 Concen: 184.751 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG042278.D
 Acq: 17 Aug 2019 2:57

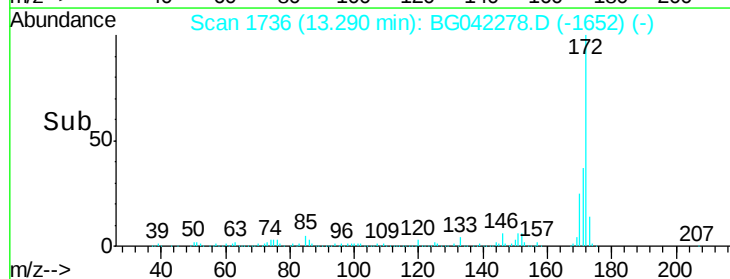
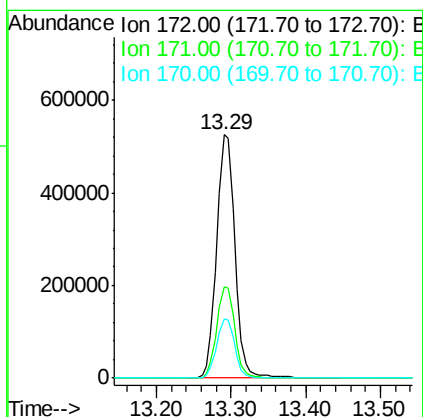
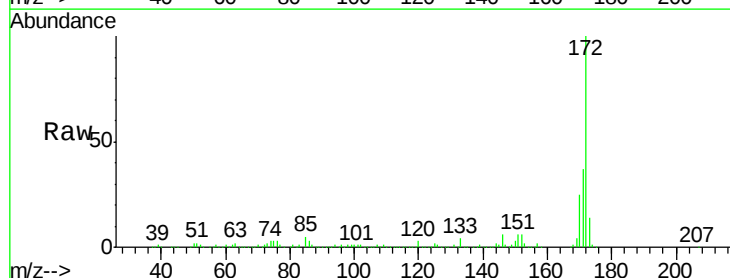
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-F-(0-3)

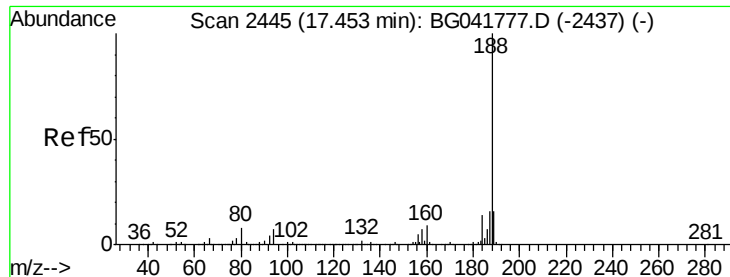
Tot Ion:330 Resp: 298947
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 28.3 31.9 47.9#



#45
 2-Fluorobiphenyl
 Concen: 110.665 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042278.D
 Acq: 17 Aug 2019 2:57

Tgt Ion:172 Resp: 893845
 Ion Ratio Lower Upper
 172 100
 171 37.2 35.0 52.4
 170 24.6 23.5 35.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.03 min

Lab File: BG042278.D

Acq: 17 Aug 2019 2:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-F-(0-3)

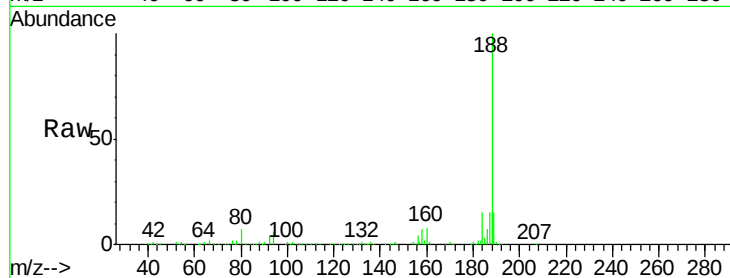
Tot Ion:188 Resp: 352030

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

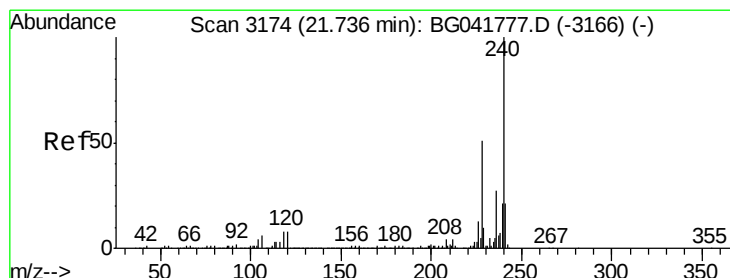
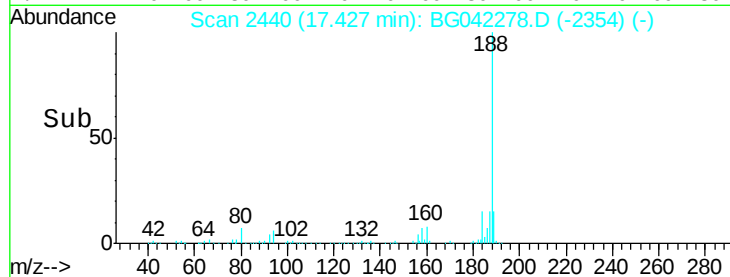
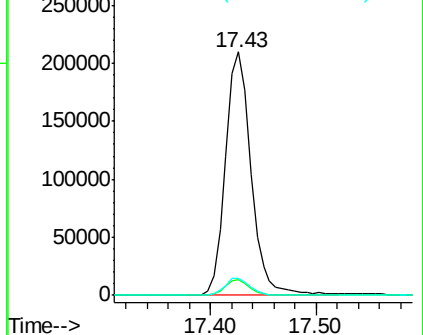
80 6.8 8.0 12.0#



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: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG042278.D

Acq: 17 Aug 2019 2:57

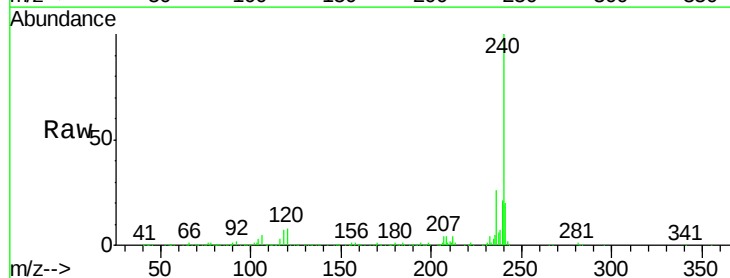
Tgt Ion:240 Resp: 406823

Ion Ratio Lower Upper

240 100

120 8.2 8.0 12.0

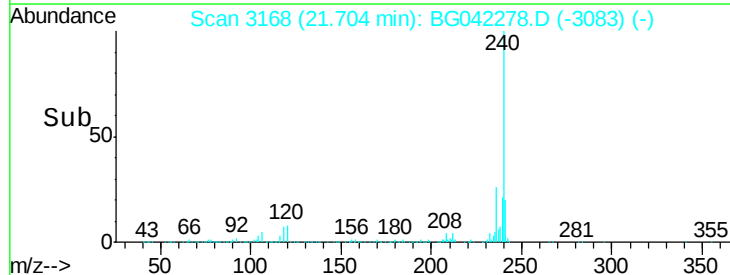
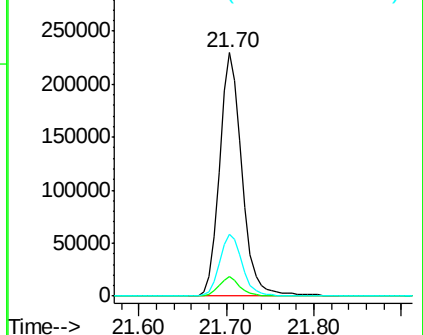
236 25.6 22.6 33.8

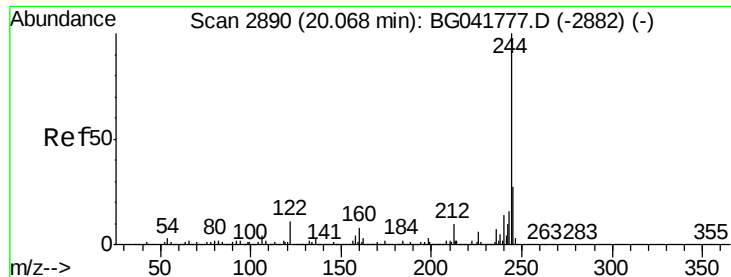


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.611 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.03 min

Lab File: BG042278.D

Acq: 17 Aug 2019 2:57

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-F(0-3)

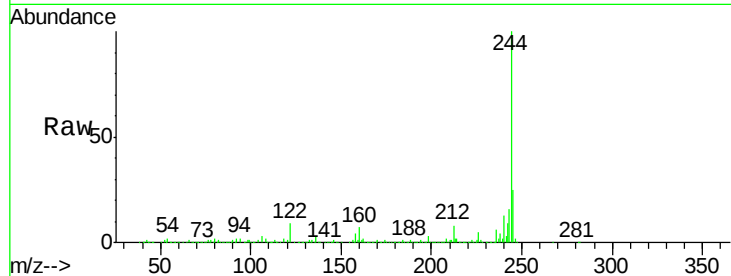
Tot Ion:244 Resp: 1806507

Ion Ratio Lower Upper

244 100

212 8.5 9.7 14.5#

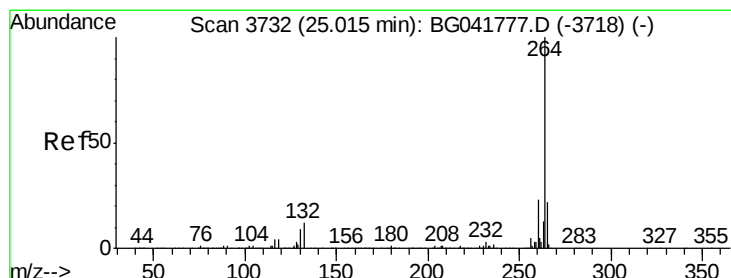
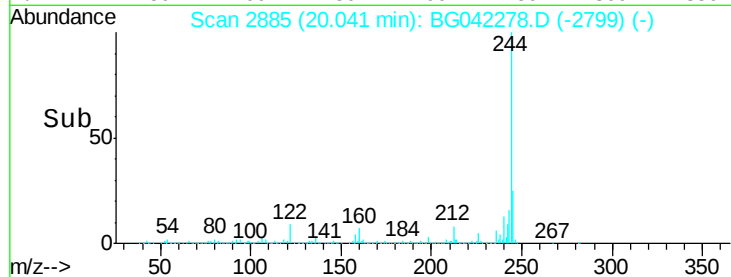
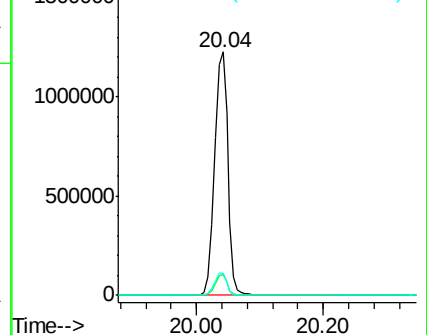
122 9.0 12.5 18.7#



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: BG042278.D

Acq: 17 Aug 2019 2:57

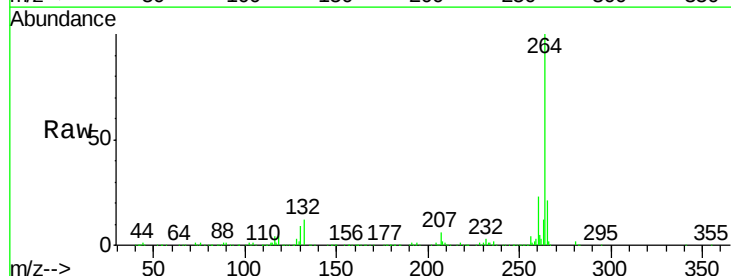
Tgt Ion:264 Resp: 460887

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.3 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

