

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046651.D
 Acq On : 16 Sep 2020 22:02
 Operator : CG/JU
 Sample : L4015-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-6E-(A-D-0-4)

Quant Time: Sep 17 01:06:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	67399	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	279299	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	193873	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	440136	20.00	ng	0.00
76) Chrysene-d12	21.54	240	453131	20.00	ng	0.00
86) Perylene-d12	24.63	264	442171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	457368	120.19	ng	0.00
7) Phenol-d6	7.09	99	553002	102.51	ng	0.00
23) Nitrobenzene-d5	9.07	82	451127	92.32	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	303094	115.38	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1160694	91.39	ng	0.00
79) Terphenyl-d14	19.91	244	1740084	81.72	ng	0.00

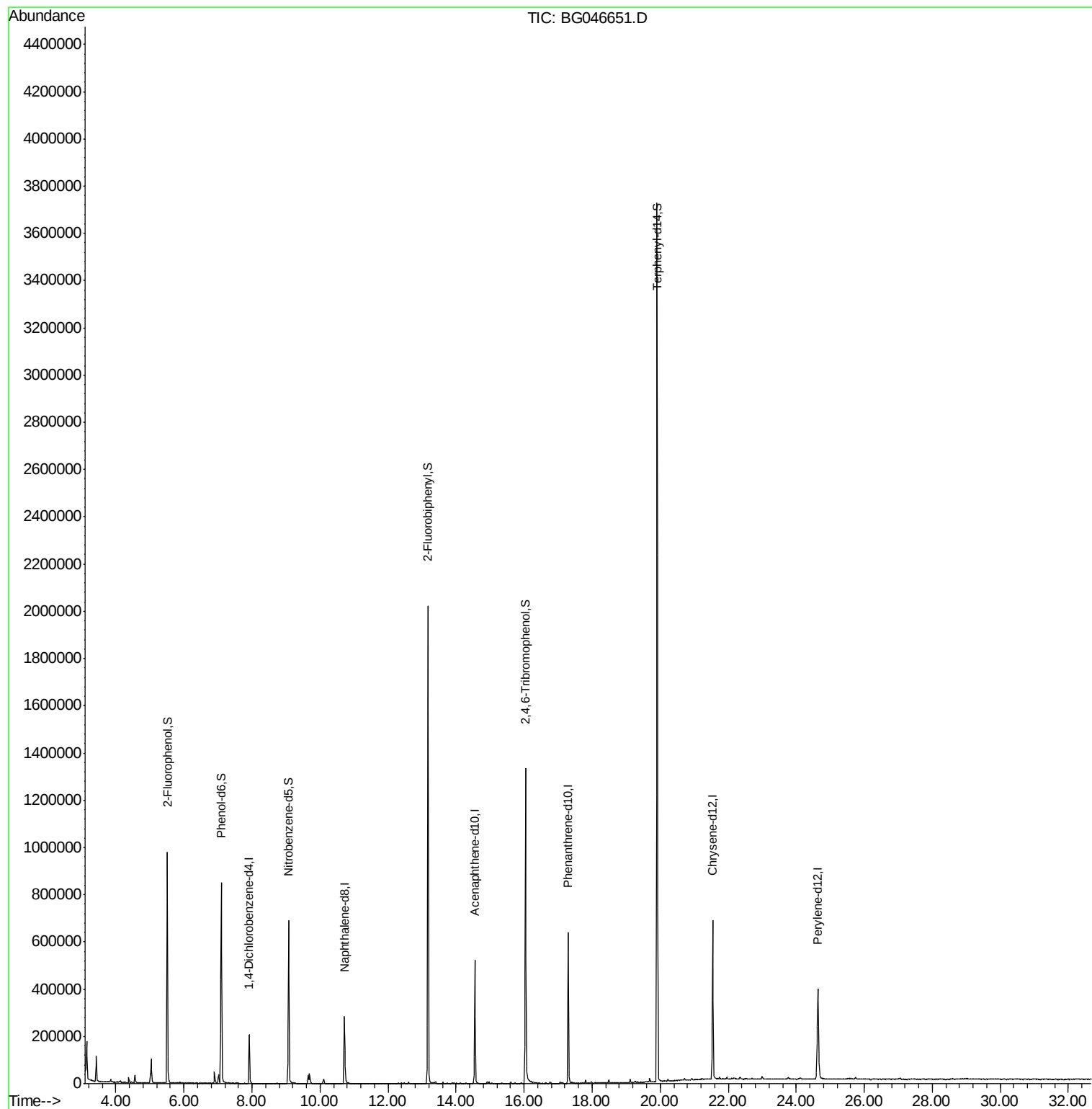
Target Compounds Qvalue

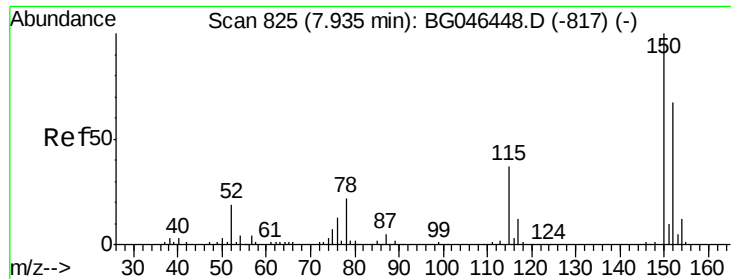
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046651.D
Acq On : 16 Sep 2020 22:02
Operator : CG/JU
Sample : L4015-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-6E-(A-D-0-4)

Quant Time: Sep 17 01:06:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 11:07:52 2020
Response via : Initial Calibration



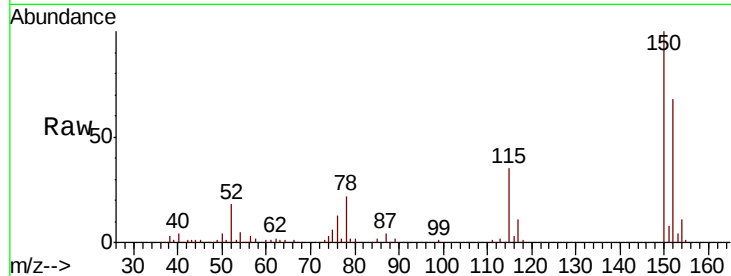


#1

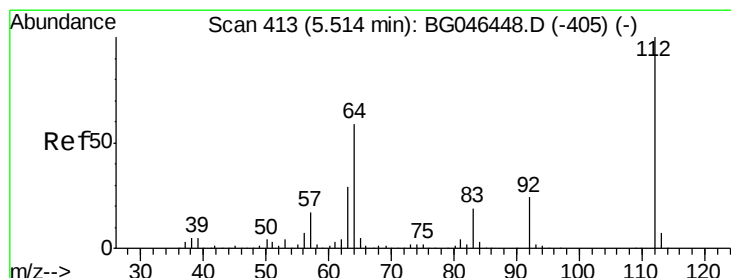
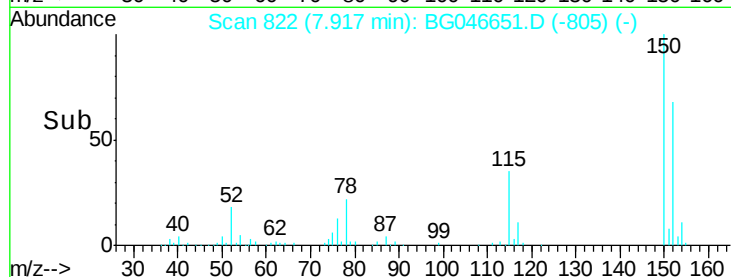
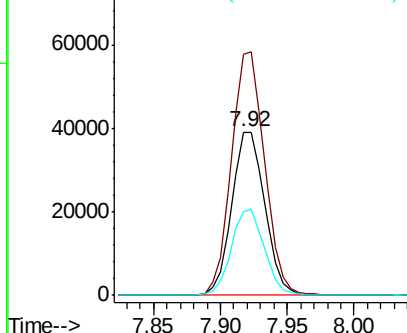
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046651.D
Acq: 16 Sep 2020 22:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-6E-(A-D-0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	125.0	187.6
115	51.1	41.8	62.6



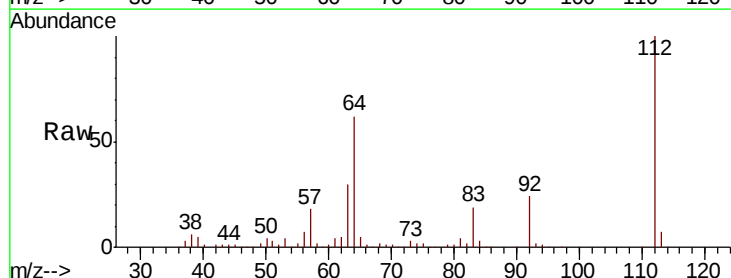
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



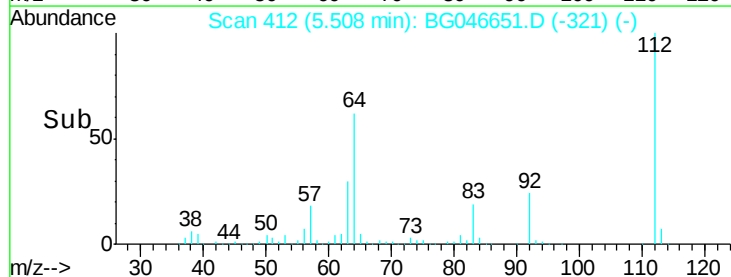
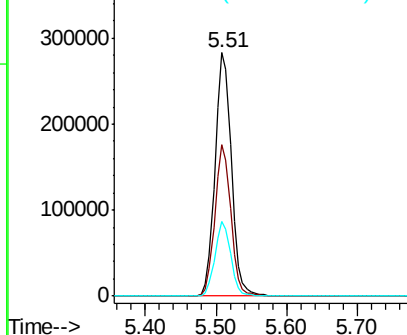
#5

2-Fluorophenol
Concen: 120.192 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046651.D
Acq: 16 Sep 2020 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.7	70.1
63	30.4	22.8	34.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.514 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046651.D

Acq: 16 Sep 2020 22:02

Instrument :

BNA_G

ClientSampleId :

REACTOR-6E-(A-D-0-4)

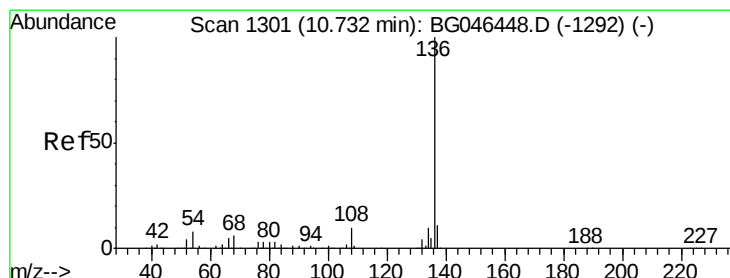
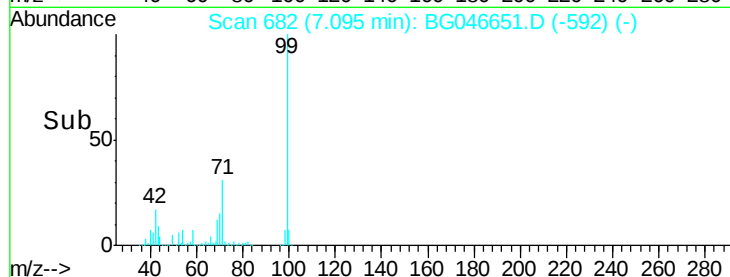
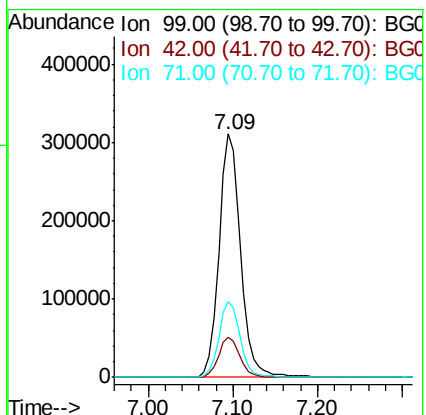
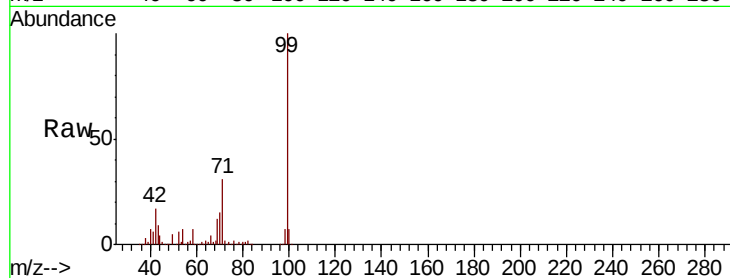
Tot Ion: 99 Resp: 553002

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

71 31.0 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BG046651.D

Acq: 16 Sep 2020 22:02

Tgt Ion: 136 Resp: 279299

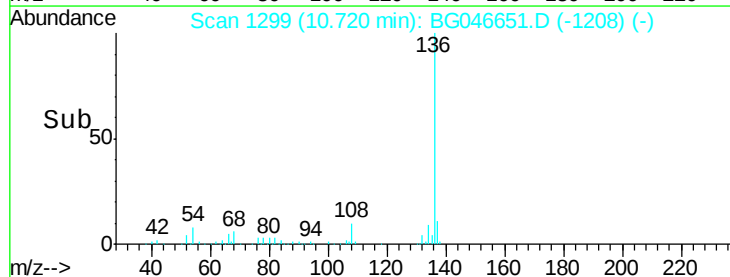
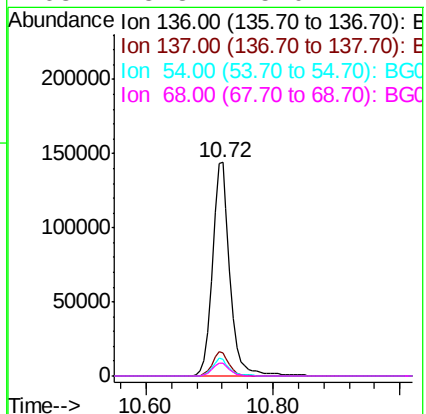
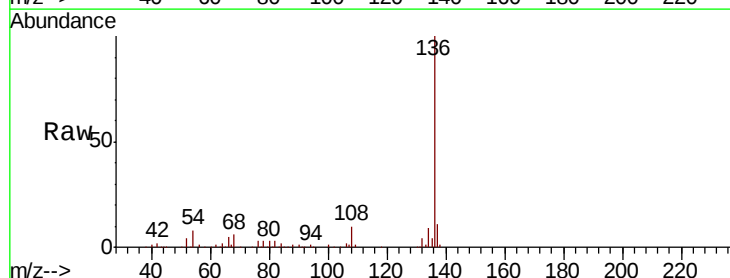
Ion Ratio Lower Upper

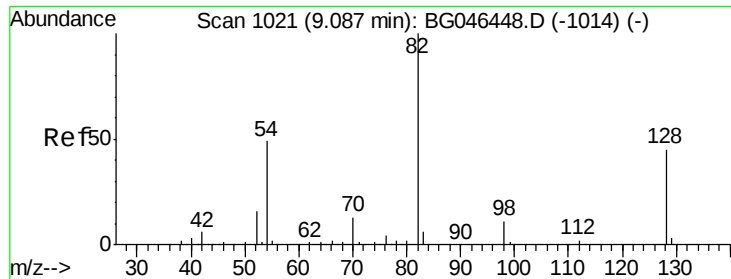
136 100

137 11.0 9.1 13.7

54 7.5 6.2 9.4

68 5.8 5.0 7.4

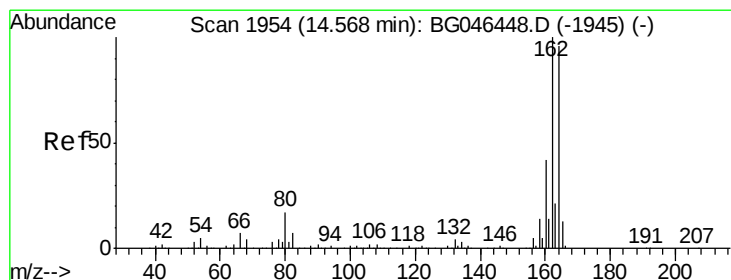
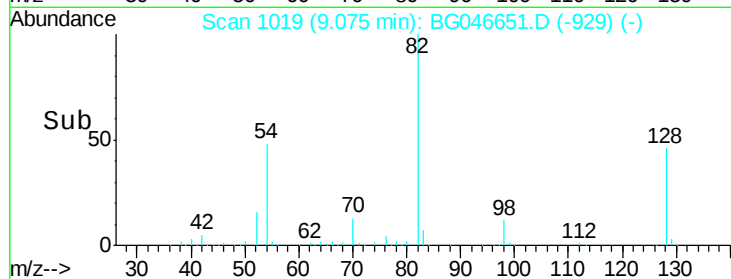
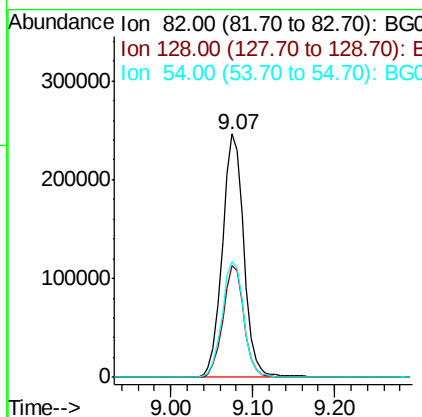
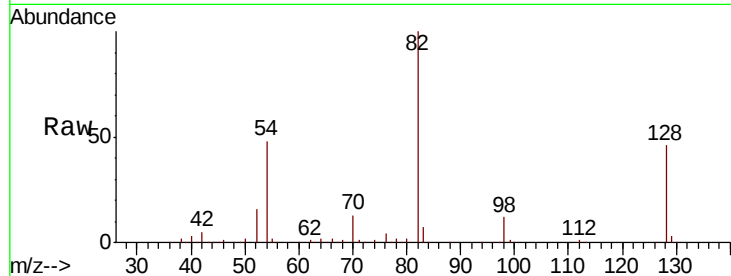




#23
Nitrobenzene-d5
Concen: 92.318 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046651.D
Acq: 16 Sep 2020 22:02

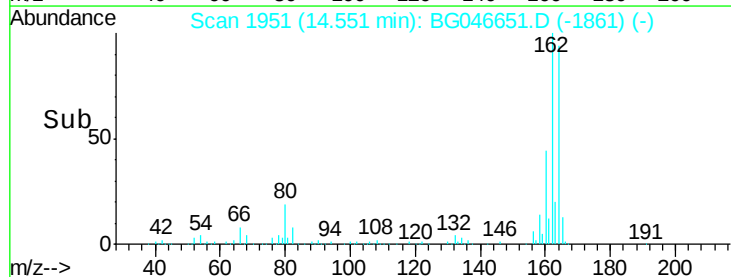
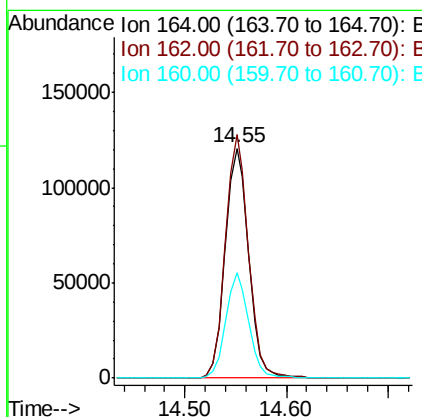
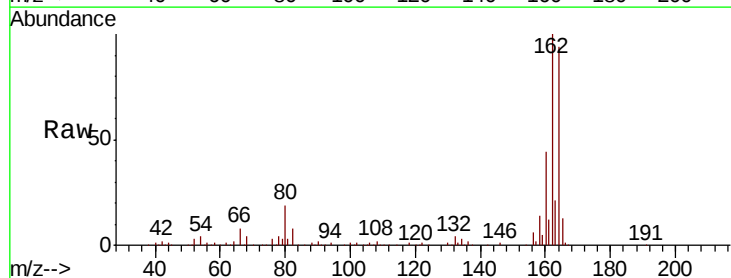
Instrument :
BNA_G
ClientSampleId :
REACTOR-6E-(A-D-0-4)

Tot Ion	82	Resp	451127
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.0	55.6
54	47.7	39.0	58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046651.D
Acq: 16 Sep 2020 22:02

Tgt Ion	164	Resp	193873
Ion Ratio	Lower	Upper	
164	100		
162	105.9	82.3	123.5
160	46.1	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 115.383 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046651.D

Acq: 16 Sep 2020 22:02

Instrument :

BNA_G

ClientSampleId :

REACTOR-6E-(A-D-0-4)

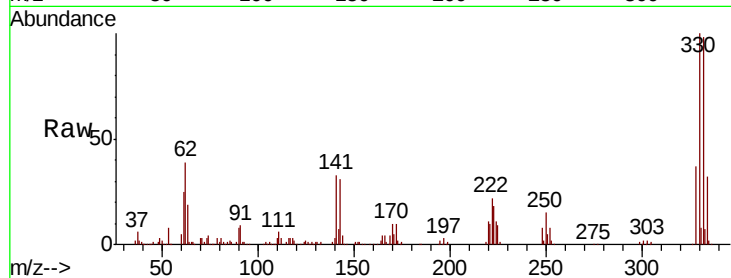
Tot Ion:330 Resp: 303094

Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

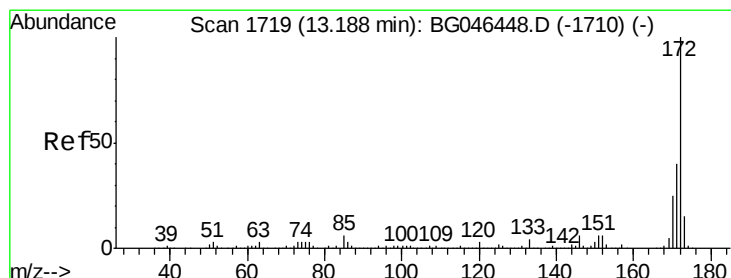
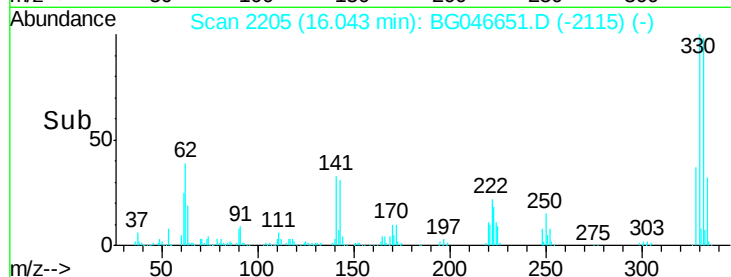
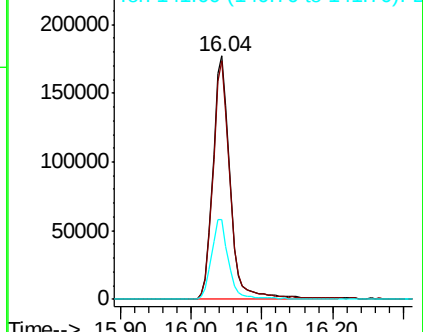
141 32.8 26.0 39.0



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: 91.393 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG046651.D

Acq: 16 Sep 2020 22:02

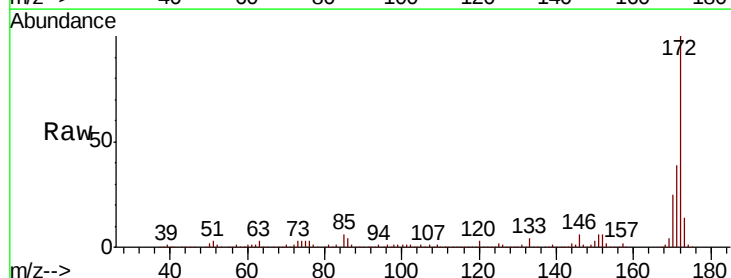
Tgt Ion:172 Resp: 1160694

Ion Ratio Lower Upper

172 100

171 38.9 31.3 46.9

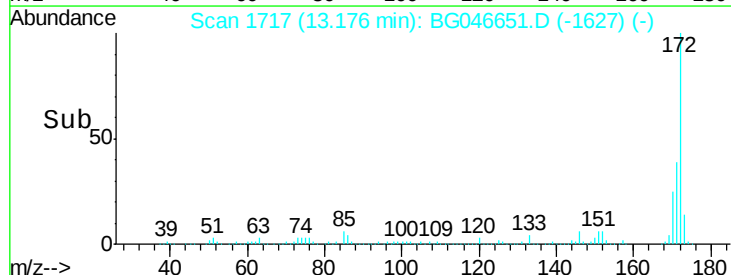
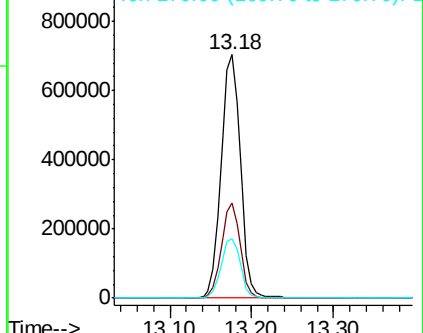
170 24.6 20.8 31.2

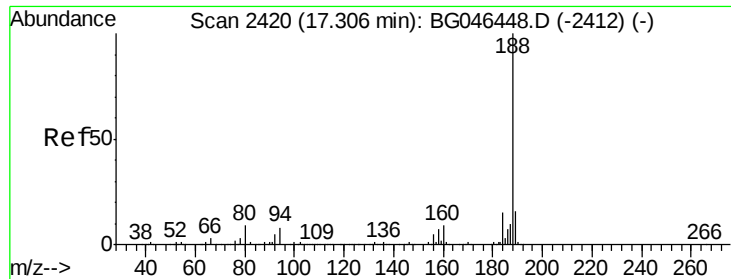


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

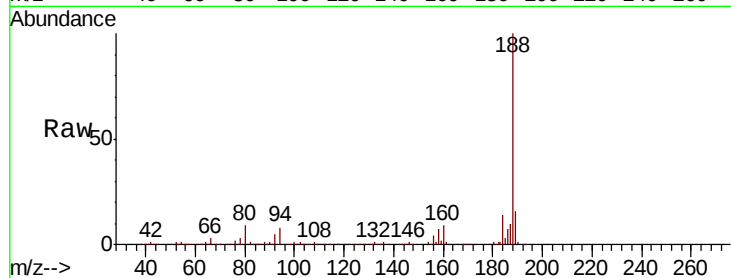




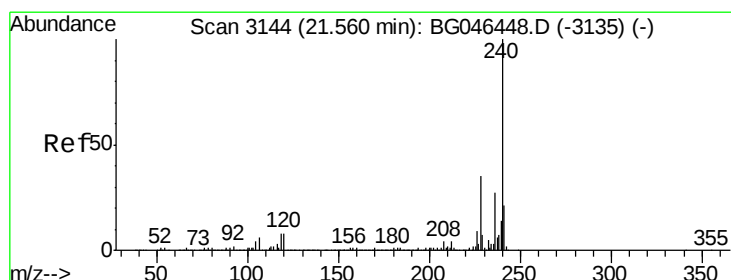
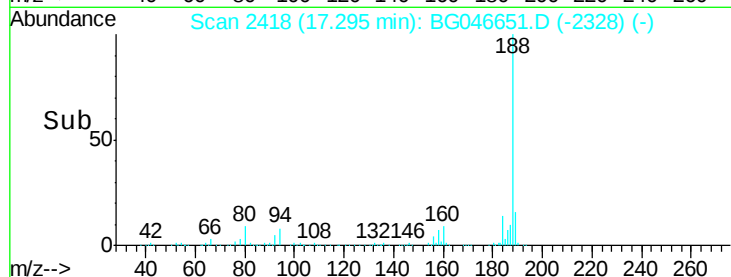
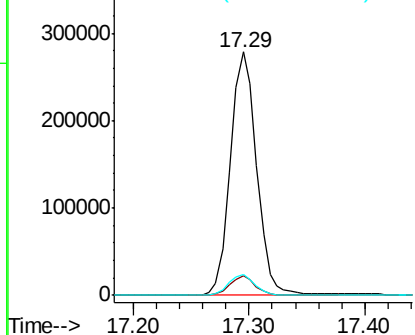
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046651.D
Acq: 16 Sep 2020 22:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-6E-(A-D-0-4)

Tot Ion:188 Resp: 440136
Ion Ratio Lower Upper
188 100
94 8.2 6.3 9.5
80 8.5 7.0 10.6

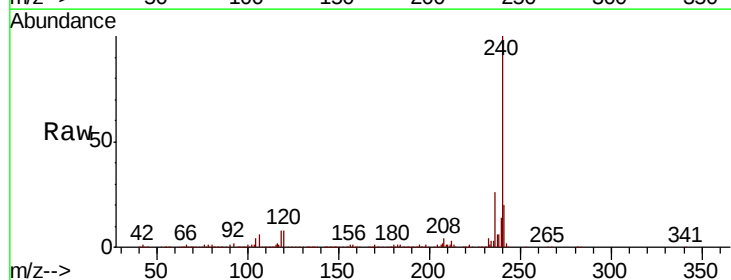


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

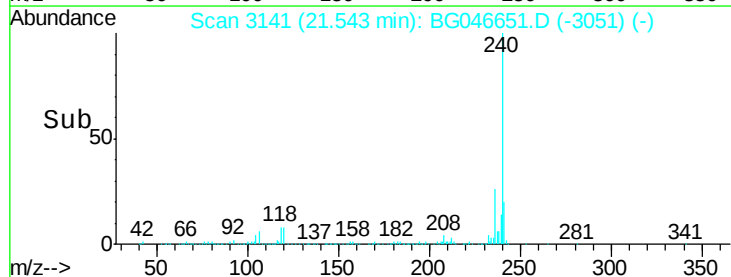
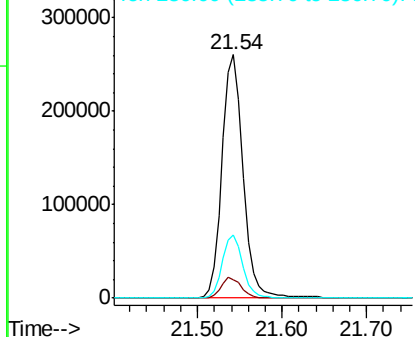


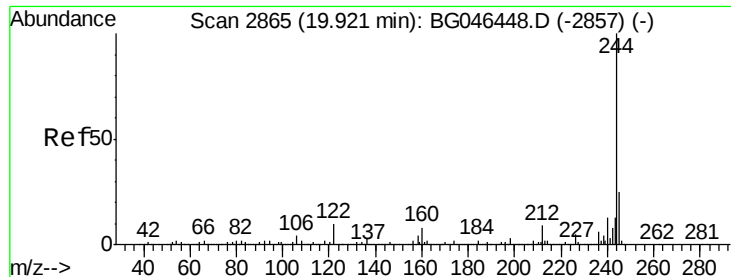
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046651.D
Acq: 16 Sep 2020 22:02

Tgt Ion:240 Resp: 453131
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 25.8 20.5 30.7



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: 81.725 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046651.D

Acq: 16 Sep 2020 22:02

Instrument :

BNA_G

ClientSampleId :

REACTOR-6E-(A-D-0-4)

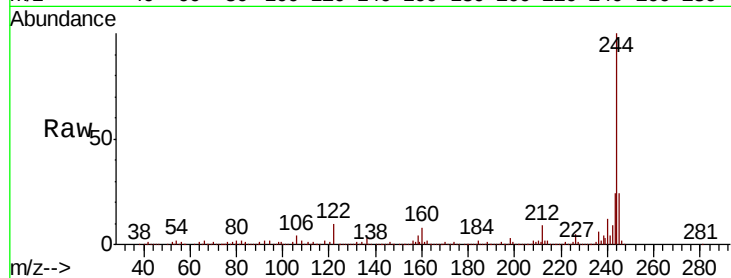
Tot Ion:244 Resp: 1740084

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

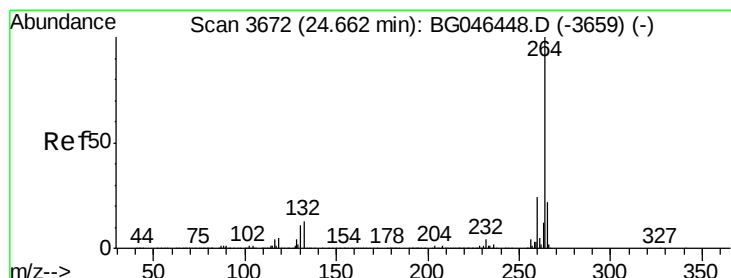
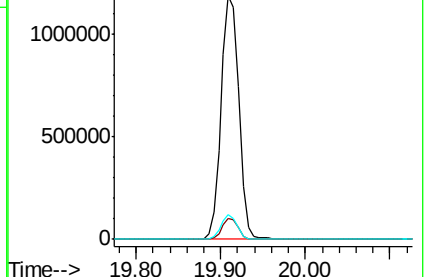
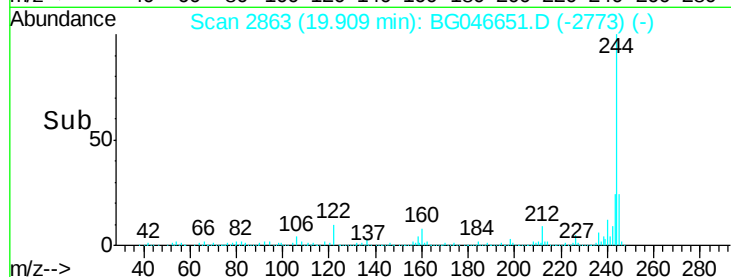
122 10.2 7.8 11.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046651.D

Acq: 16 Sep 2020 22:02

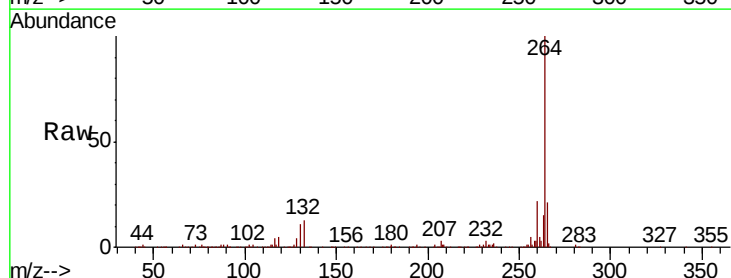
Tgt Ion:264 Resp: 442171

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 21.0 17.8 26.8



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

