

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042296.D
 Acq On : 17 Aug 2019 18:39
 Operator : HP/JU
 Sample : K4264-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-G1-G4-(0-2)

Quant Time: Aug 19 07:43:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61059	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	226633	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	166444	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	419120	20.00	ng	0.00
76) Chrysene-d12	21.70	240	486377	20.00	ng	0.00
87) Perylene-d12	24.94	264	555305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	390236	124.35	ng	0.00
7) Phenol-d6	7.17	99	476526	112.63	ng	0.00
23) Nitrobenzene-d5	9.18	82	324924	98.66	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	352163	186.27	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1008492	106.86	ng	0.00
79) Terphenyl-d14	20.03	244	2097685	98.69	ng	0.00

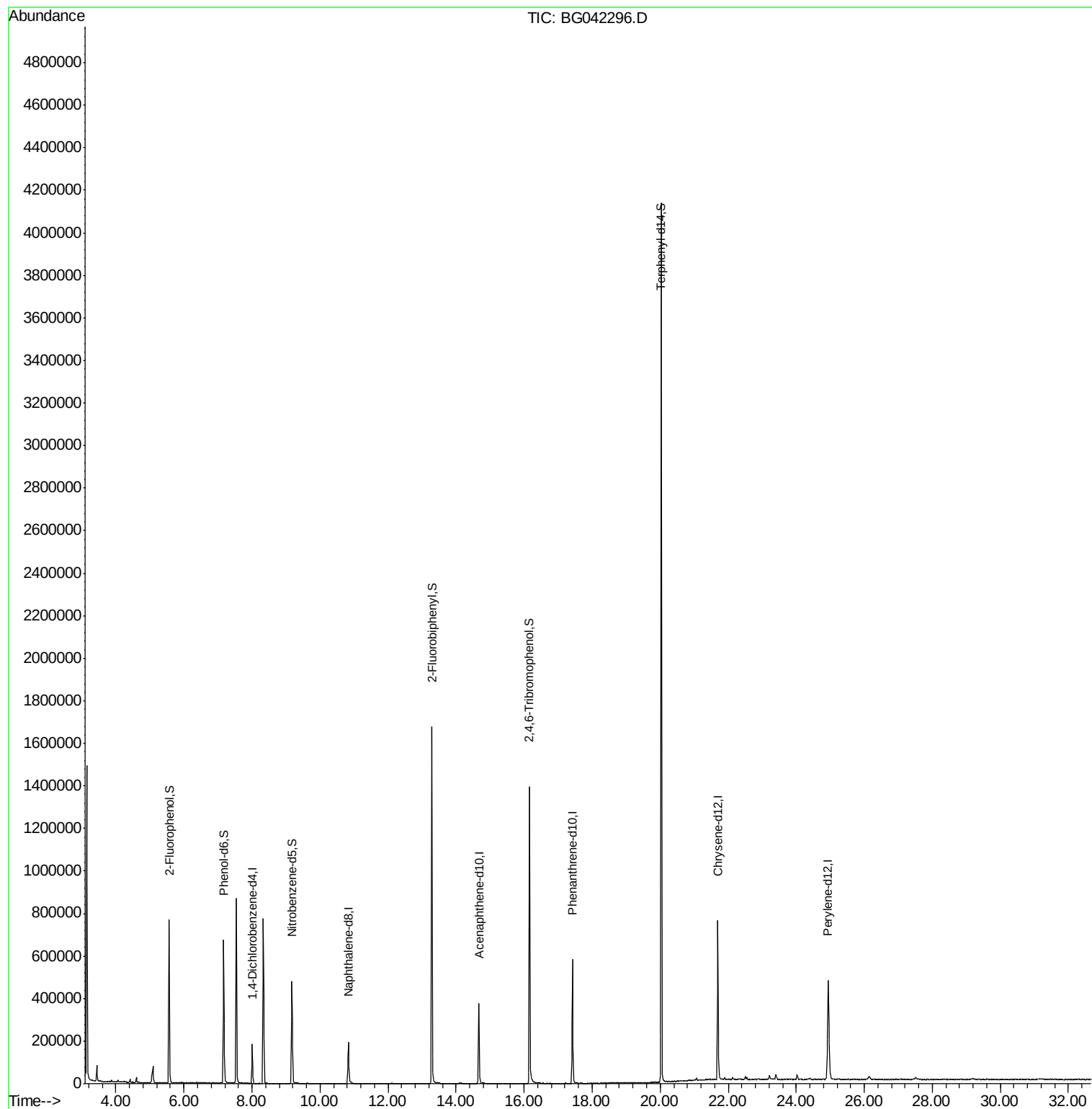
Target Compounds Qvalue

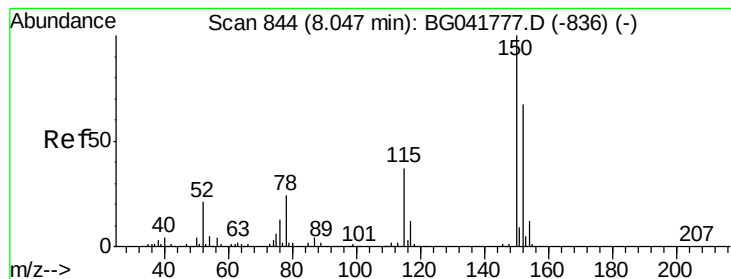
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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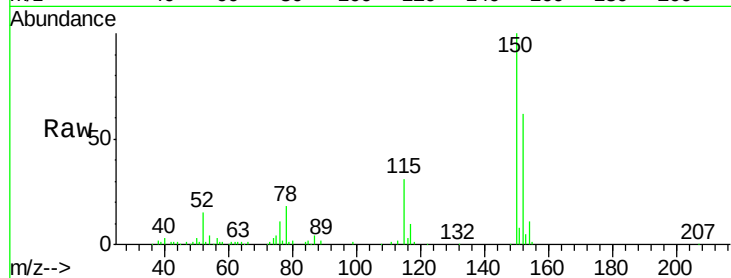




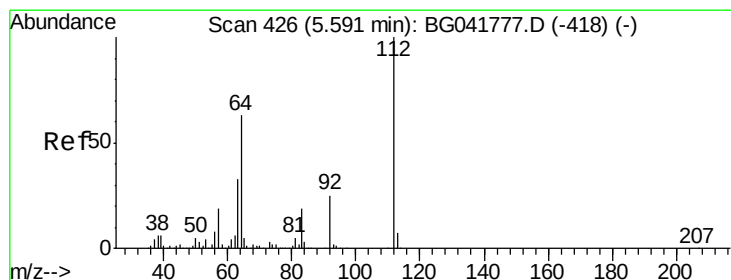
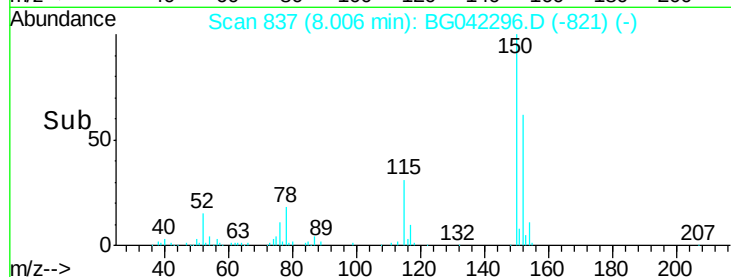
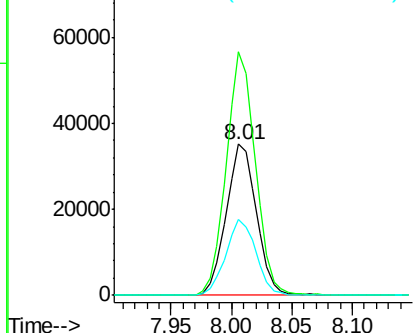
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG042296.D
 Acq: 17 Aug 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-G1-G4-(0-2)

Tot Ion:152 Resp: 61059
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.9 190.3
 115 50.3 45.0 67.6

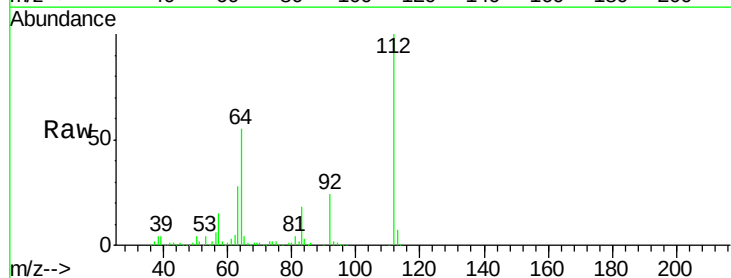


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

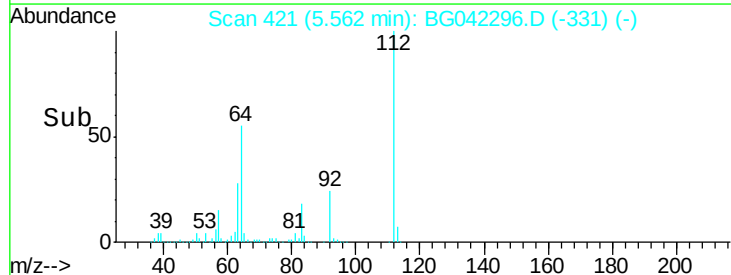
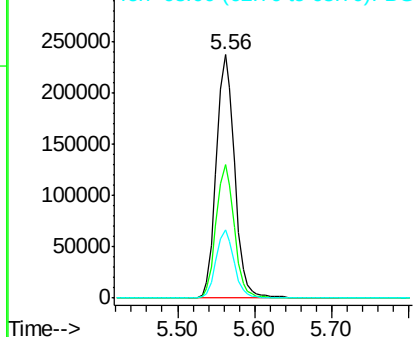


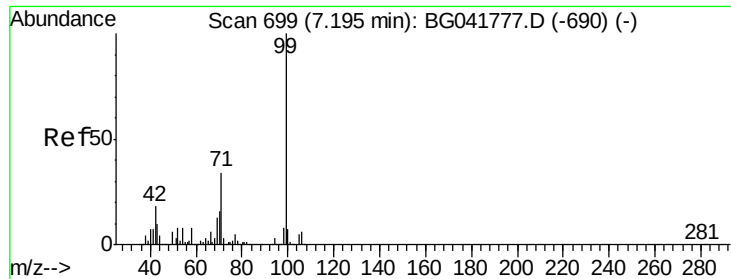
#5
 2-Fluorophenol
 Concen: 124.347 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG042296.D
 Acq: 17 Aug 2019 18:39

Tgt Ion:112 Resp: 390236
 Ion Ratio Lower Upper
 112 100
 64 54.6 55.4 83.2#
 63 28.1 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: 112.630 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

Instrument :

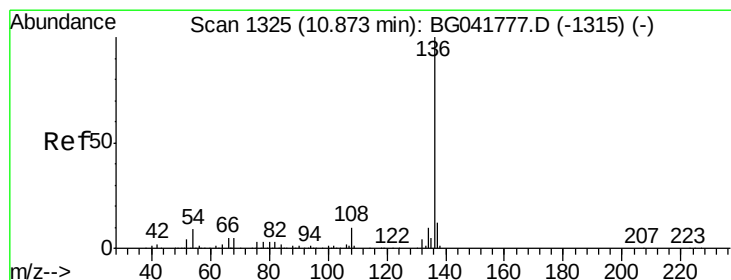
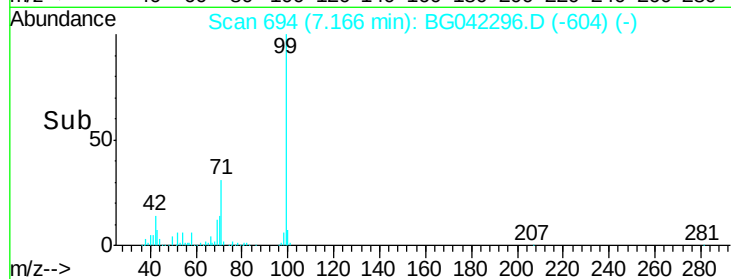
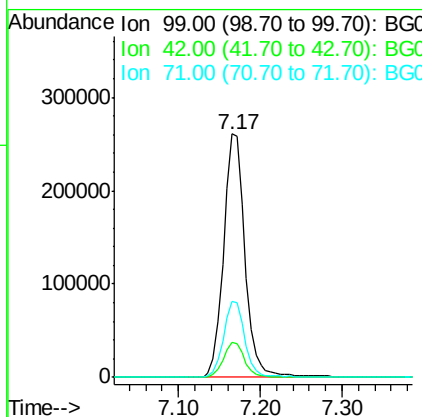
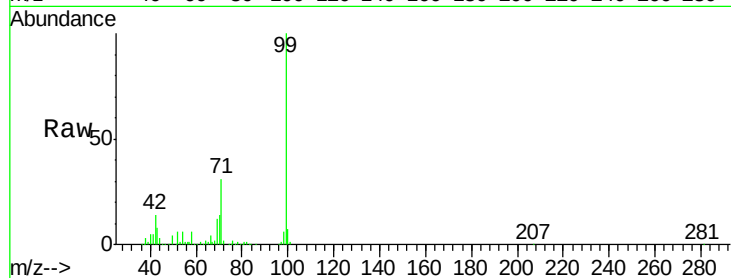
BNA_G

ClientSampleId :

REACTOR-3-G1-G4-(0-2)

Tot Ion: 99 Resp: 476526

Ion	Ratio	Lower	Upper
99	100		
42	14.3	17.6	26.4#
71	31.0	27.8	41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

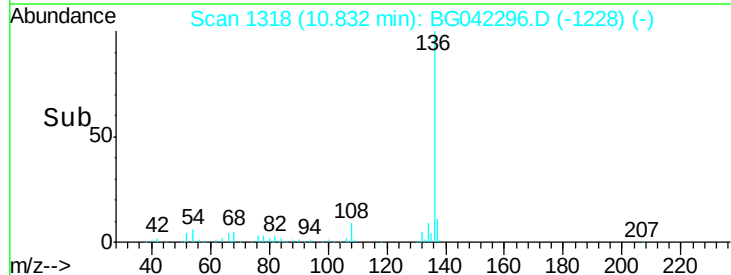
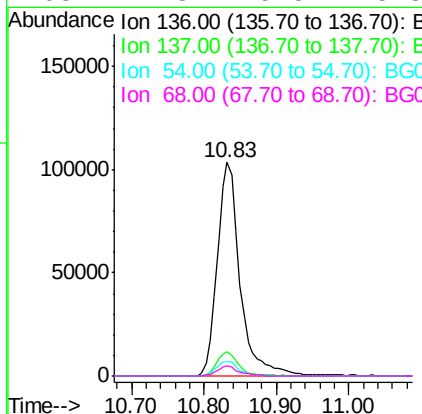
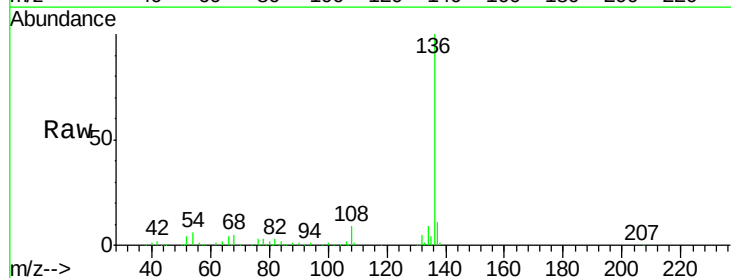
Delta R.T. 0.00 min

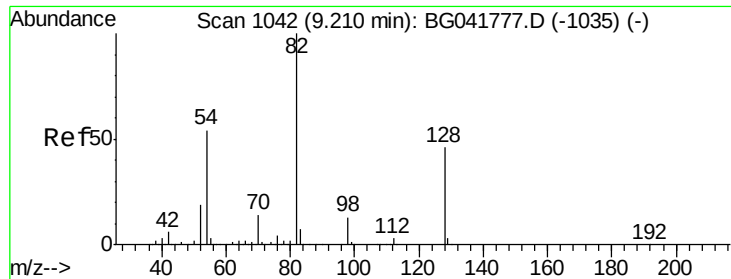
Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

Tgt Ion: 136 Resp: 226633

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.4	8.7	13.1#
68	4.8	5.5	8.3#

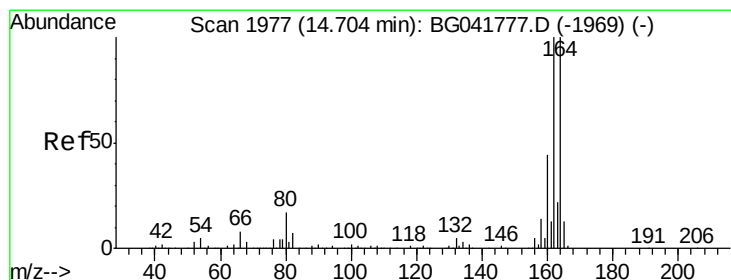
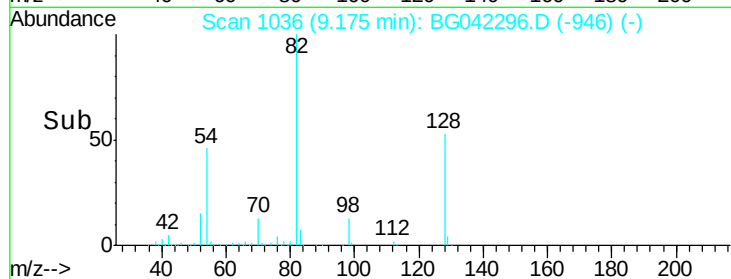
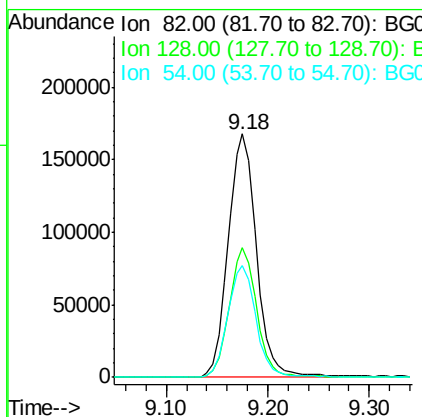
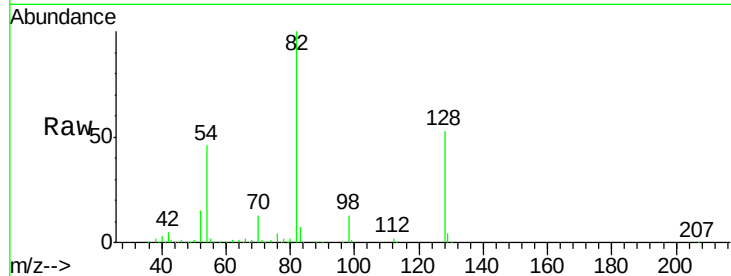




#23
Nitrobenzene-d5
Concen: 98.662 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042296.D
Acq: 17 Aug 2019 18:39

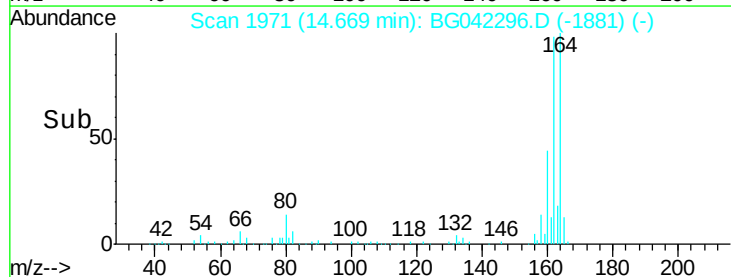
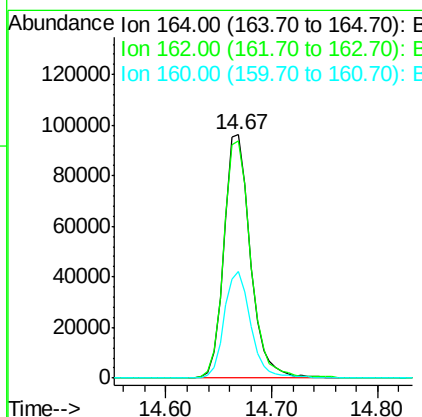
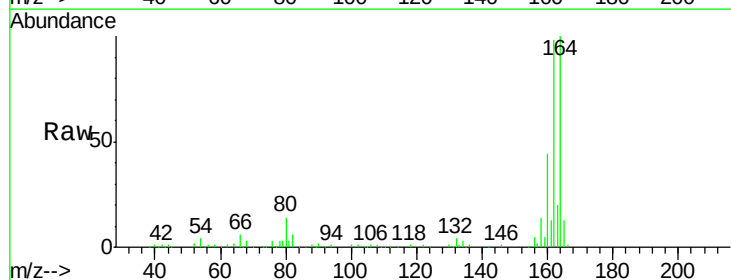
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-G1-G4-(0-2)

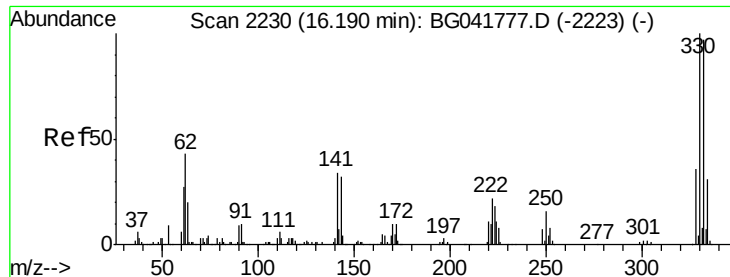
Tot Ion: 82 Resp: 324924
Ion Ratio Lower Upper
82 100
128 53.2 35.1 52.7#
54 45.9 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042296.D
Acq: 17 Aug 2019 18:39

Tgt Ion: 164 Resp: 166444
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 186.273 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-G1-G4-(0-2)

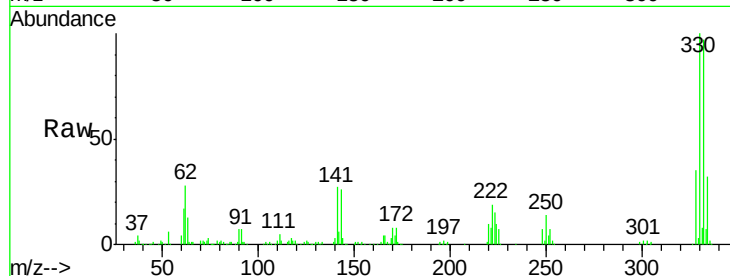
Tot Ion:330 Resp: 352163

Ion Ratio Lower Upper

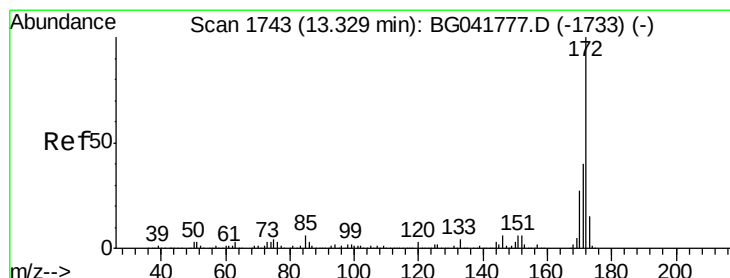
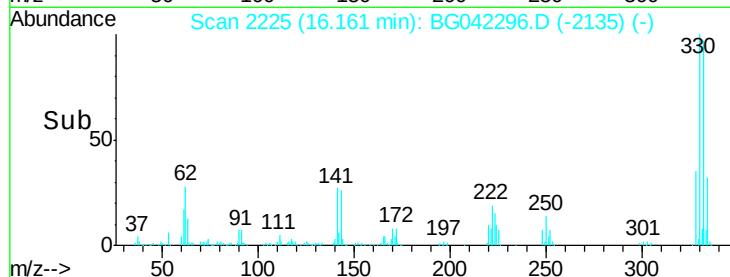
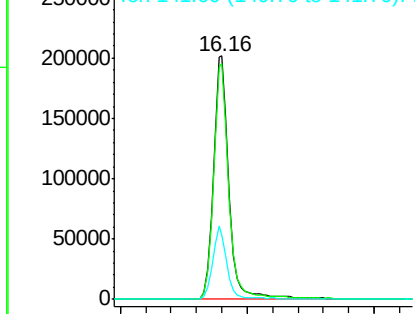
330 100

332 95.6 77.4 116.0

141 27.5 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: 106.865 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

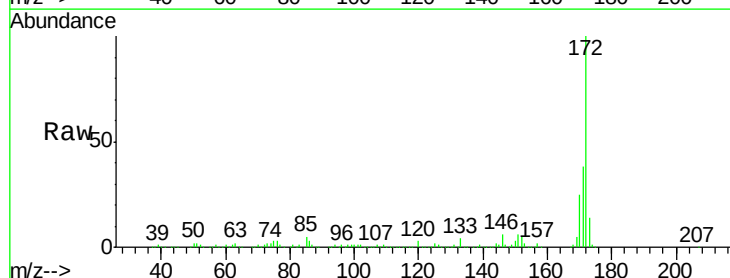
Tgt Ion:172 Resp: 1008492

Ion Ratio Lower Upper

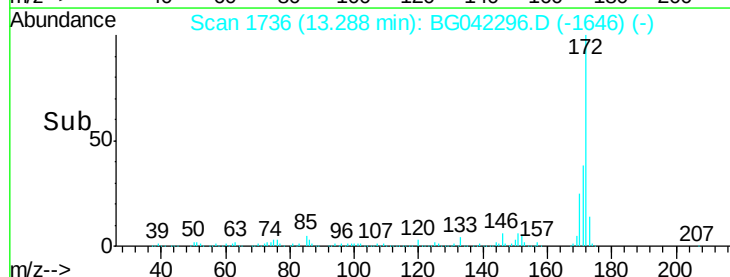
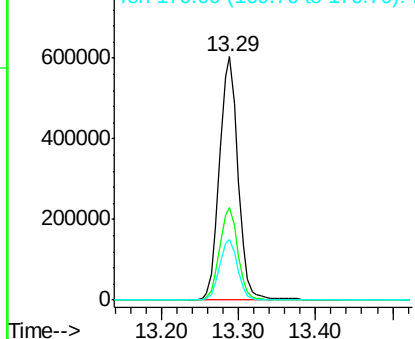
172 100

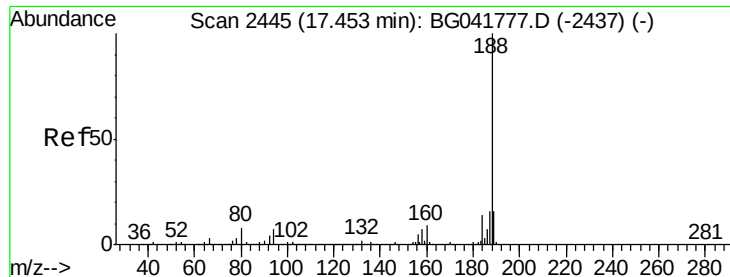
171 38.2 35.0 52.4

170 24.9 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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-G1-G4-(0-2)

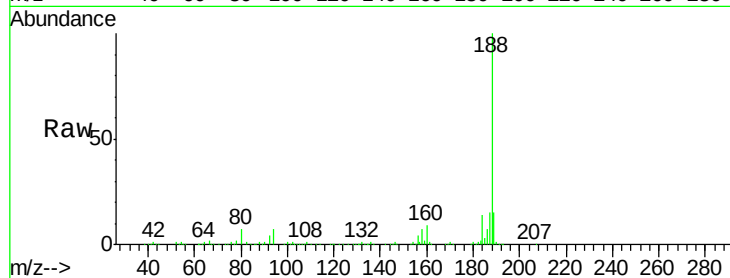
Tot Ion:188 Resp: 419120

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

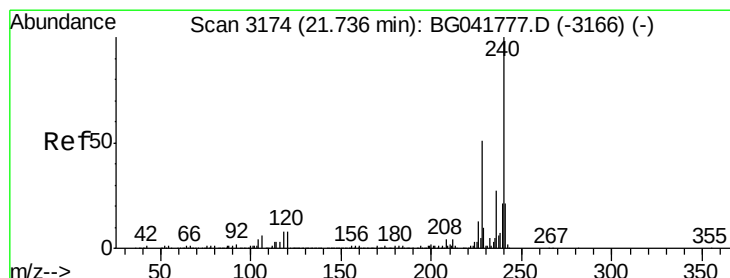
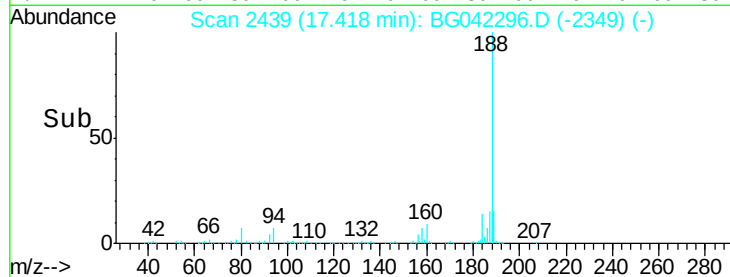
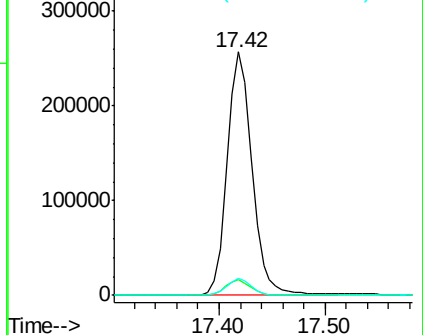
80 6.9 8.0 12.0#



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# 3167

Delta R.T. -0.01 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

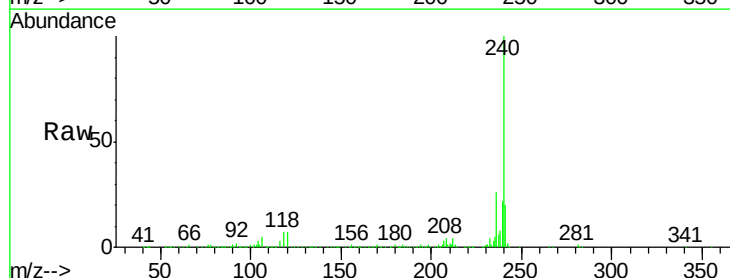
Tgt Ion:240 Resp: 486377

Ion Ratio Lower Upper

240 100

120 7.5 8.0 12.0#

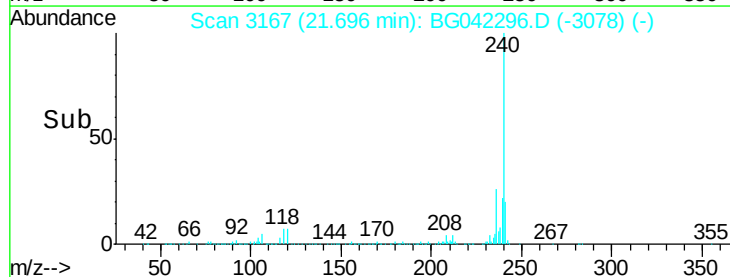
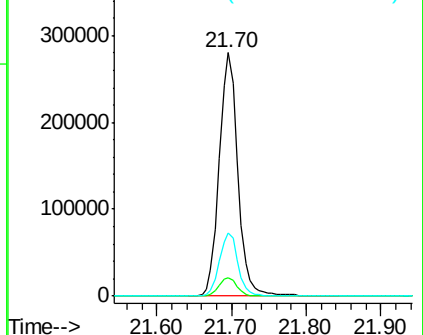
236 26.1 22.6 33.8

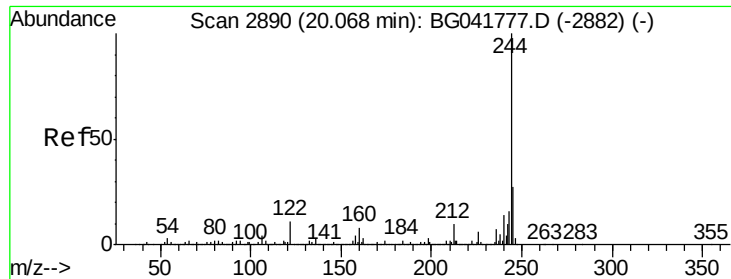


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.690 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-G1-G4-(0-2)

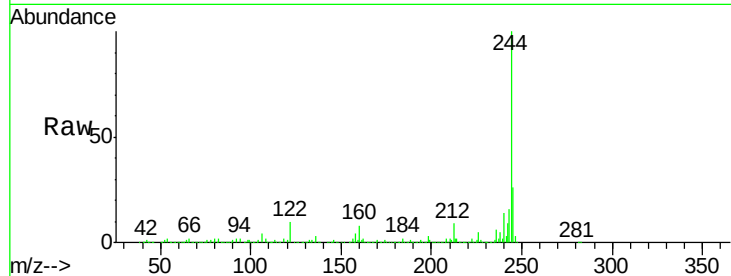
Tot Ion:244 Resp: 2097685

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	9.9	12.5	18.7#

244 100

212 8.8 9.7 14.5#

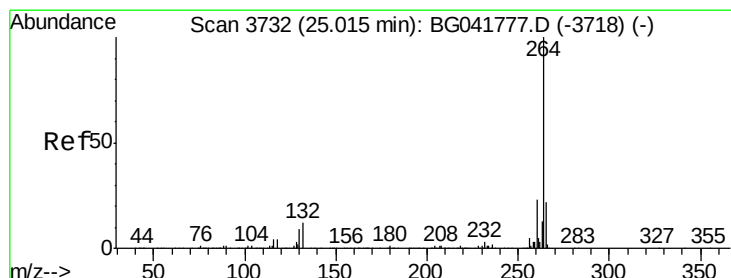
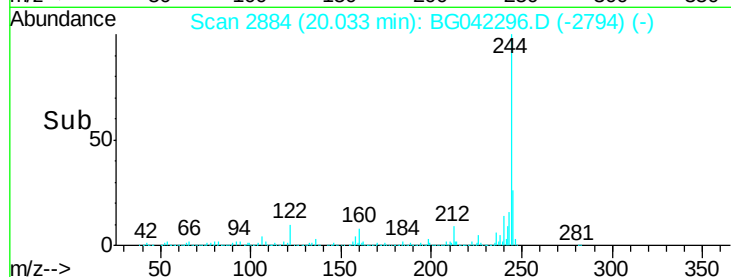
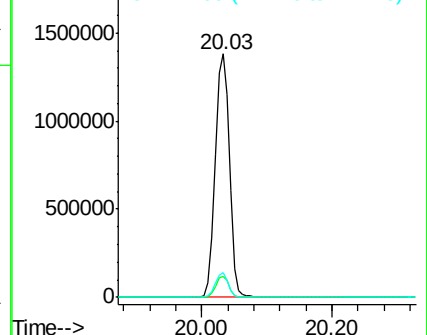
122 9.9 12.5 18.7#



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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042296.D

Acq: 17 Aug 2019 18:39

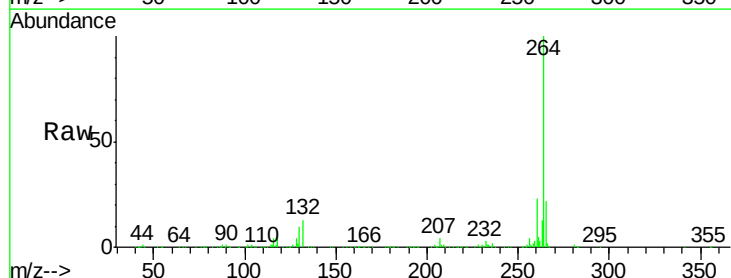
Tgt Ion:264 Resp: 555305

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.2	18.0	27.0

264 100

260 23.3 19.5 29.3

265 22.2 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

