

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035554.D
 Acq On : 2 Jul 2018 17:02
 Operator : JU/SJ
 Sample : J3771-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-PAD

Quant Time: Jul 03 08:01:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30837	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	115988	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	92865	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	252994	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	262993	20.00	ng	-0.03
86) Perylene-d12	24.92	264	256795	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	247353	135.37	ng	0.00
7) Phenol-d6	7.22	99	334246	123.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	266004	109.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	202342	170.21	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	636621	89.12	ng	-0.02
78) Terphenyl-d14	20.03	244	1268239	101.01	ng	-0.02

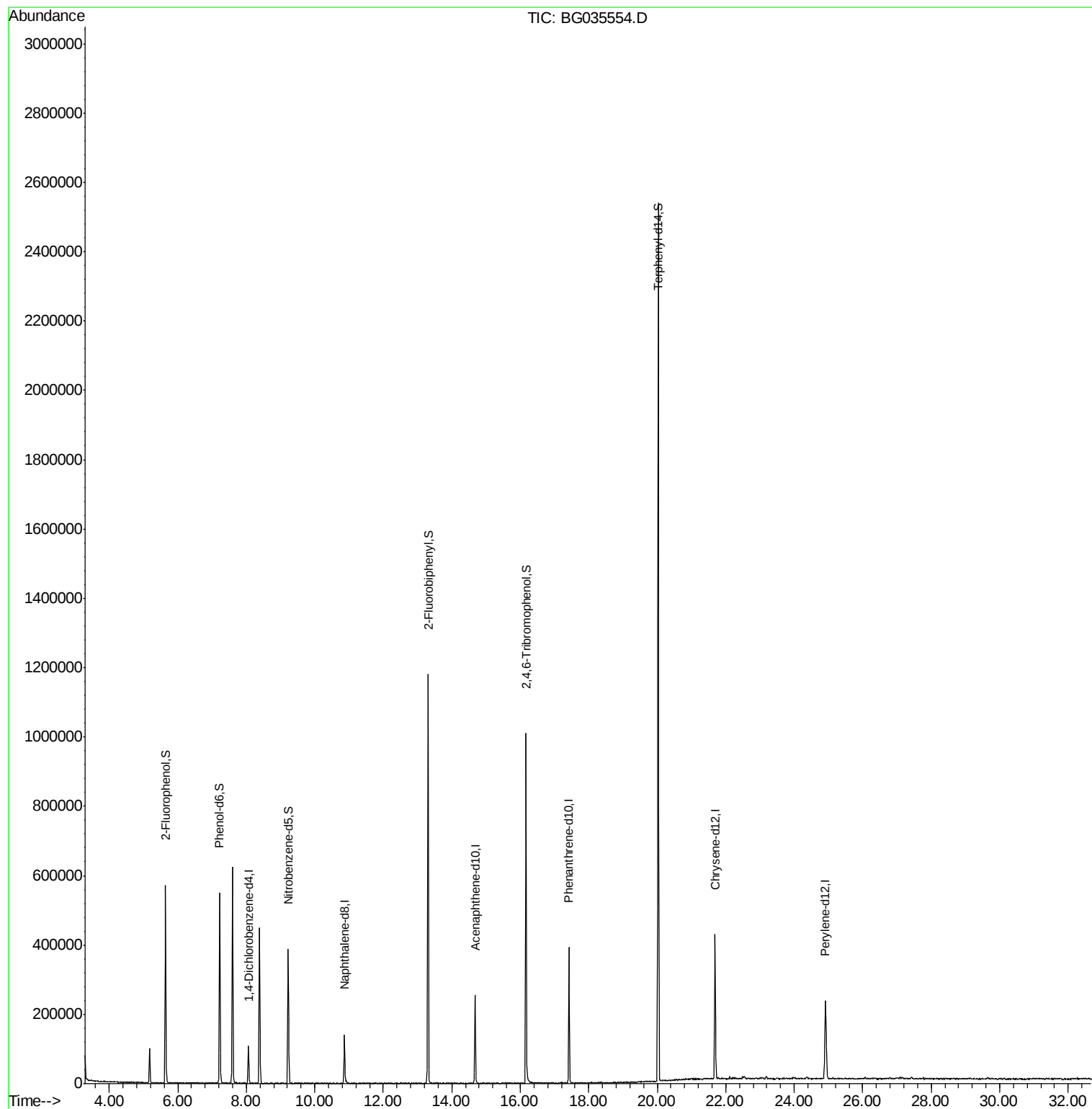
Target Compounds Qvalue

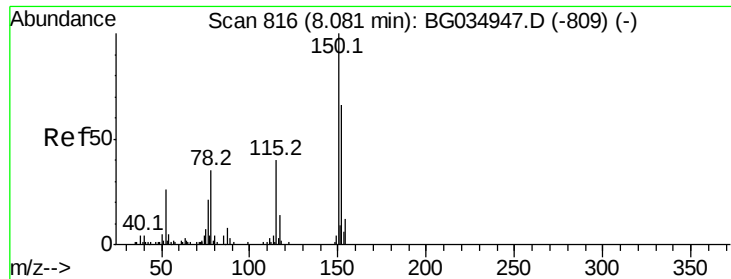
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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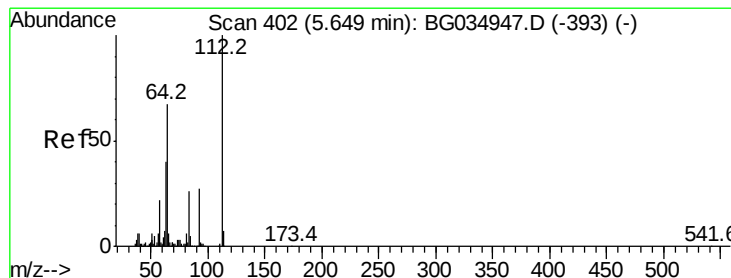
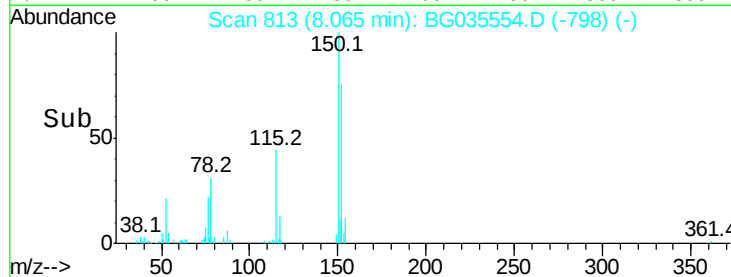
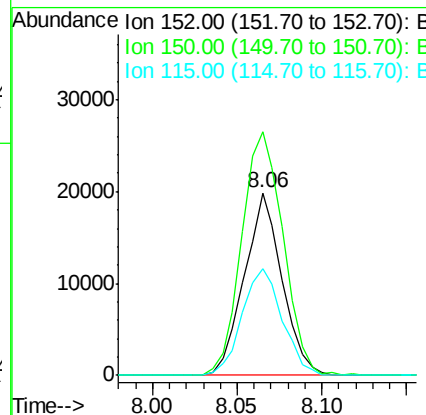
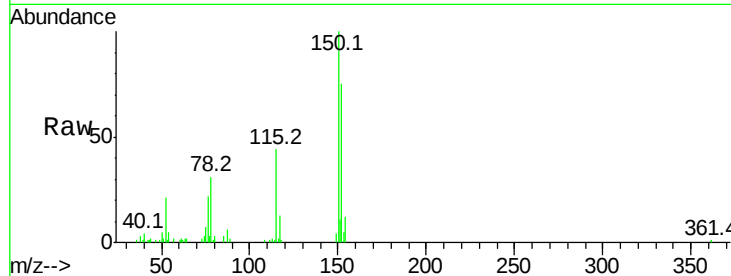


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

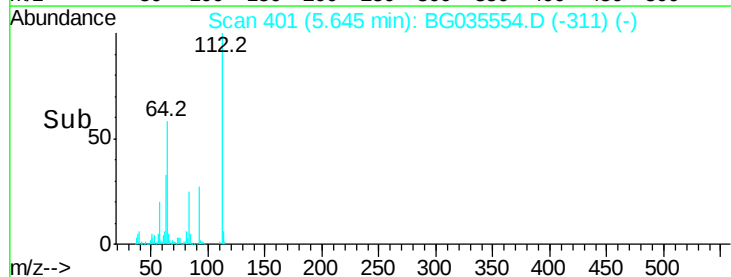
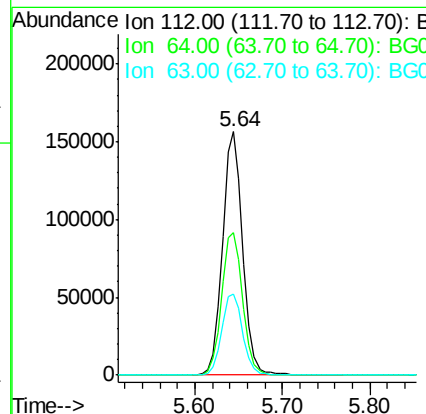
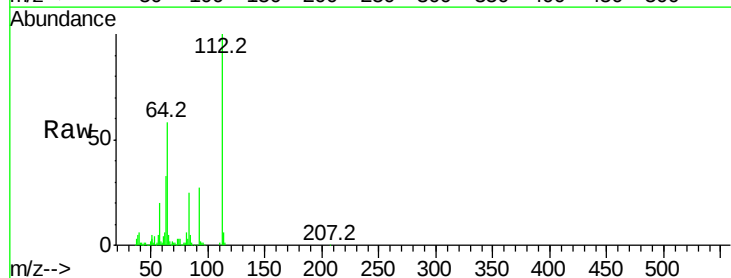
Tot Ion	Ratio	Lower	Upper
152	100		
150	133.6	126.6	189.8
115	58.6	53.0	79.4

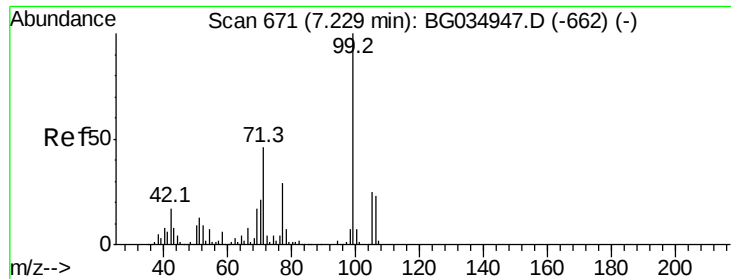


#5

2-Fluorophenol
Concen: 135.368 ng
RT: 5.64 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	56.3	84.5
63	33.2	30.1	45.1





#7

Phenol-d6

Concen: 123.936 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035554.D

Acq: 2 Jul 2018 17:02

Instrument :

BNA_G

ClientSampleId :

REACTOR-PAD

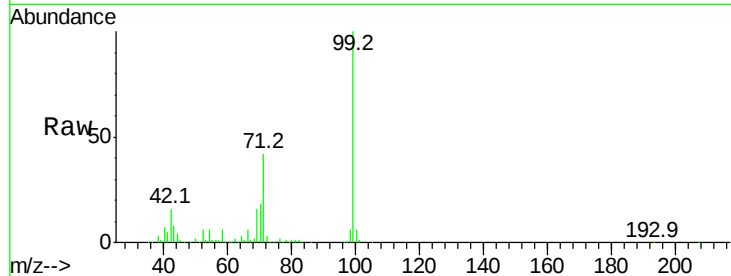
Tot Ion: 99 Resp: 334246

Ion Ratio Lower Upper

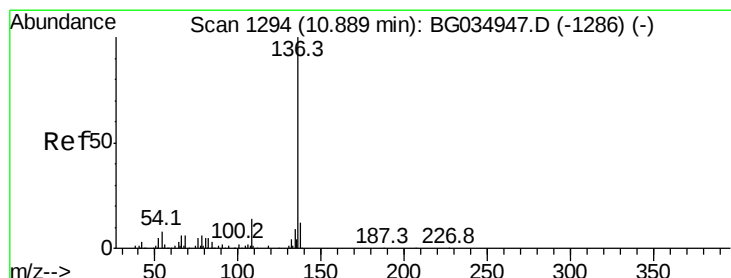
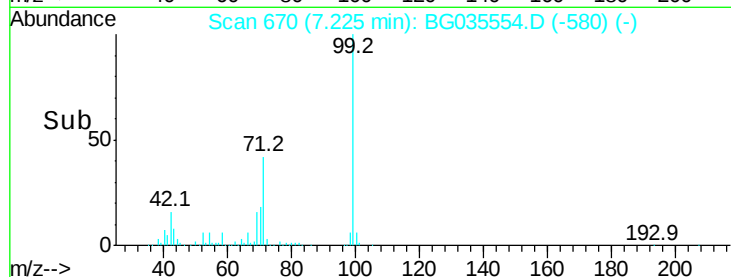
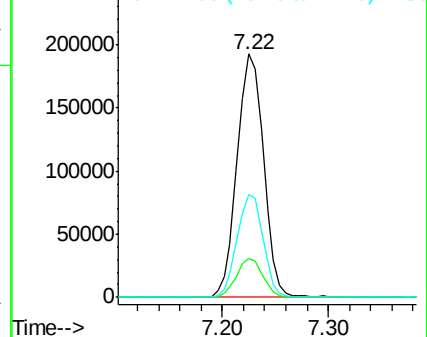
99 100

42 16.0 14.1 21.1

71 42.3 26.1 39.1#



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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035554.D

Acq: 2 Jul 2018 17:02

Tgt Ion: 136 Resp: 115988

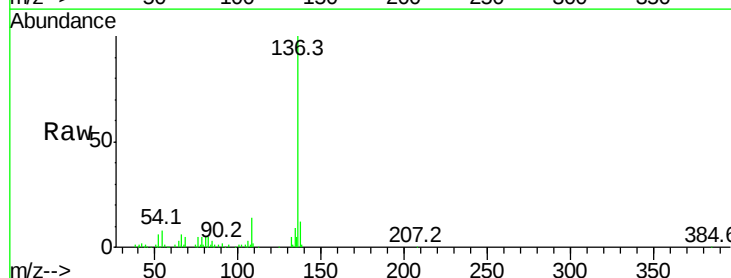
Ion Ratio Lower Upper

136 100

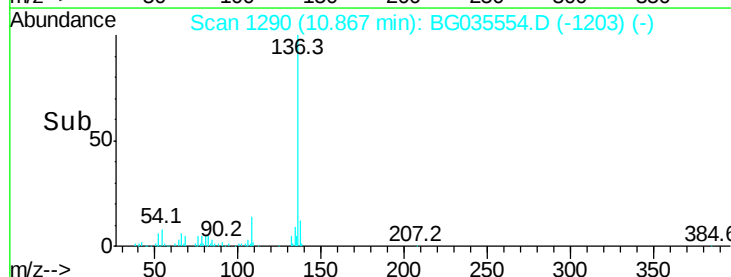
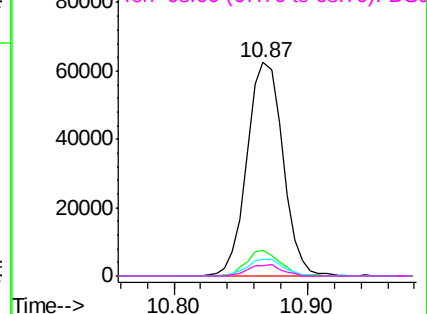
137 12.0 9.2 13.8

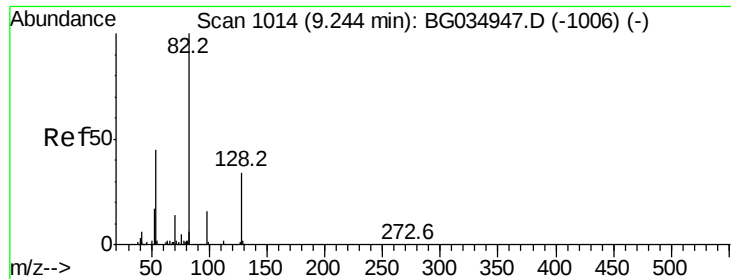
54 7.7 10.3 15.5#

68 4.9 4.5 6.7



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

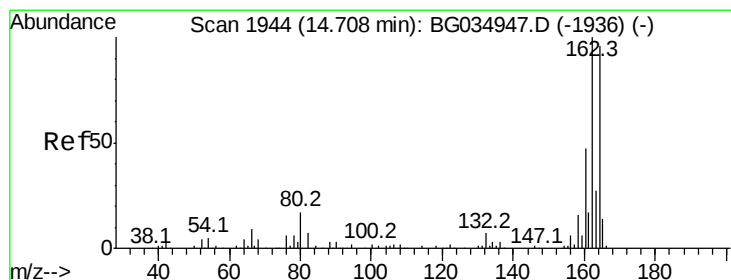
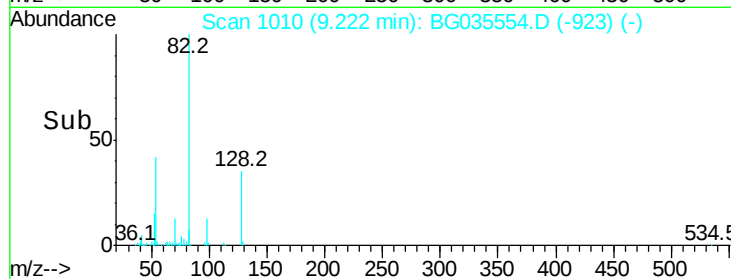
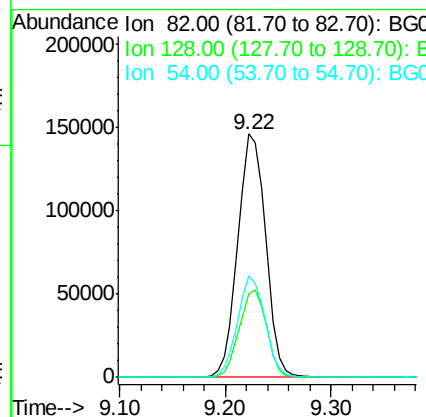
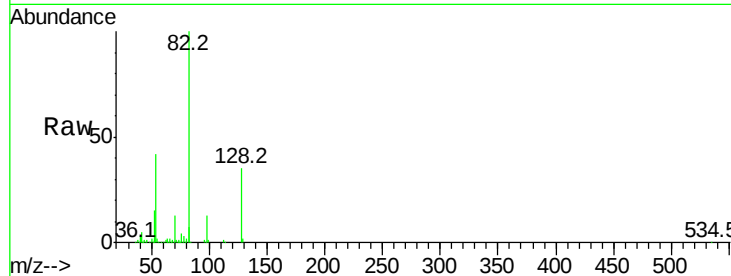




#23
 Nitrobenzene-d5
 Concen: 109.014 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035554.D
 Acq: 2 Jul 2018 17:02

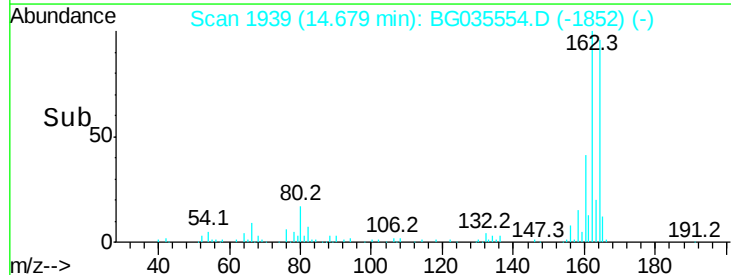
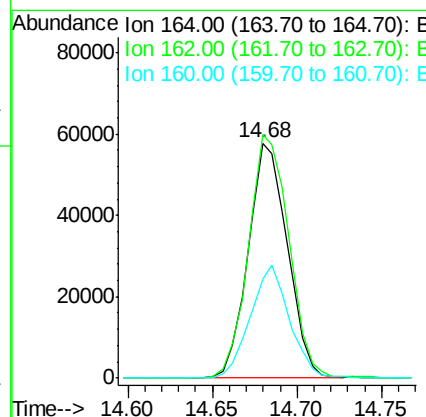
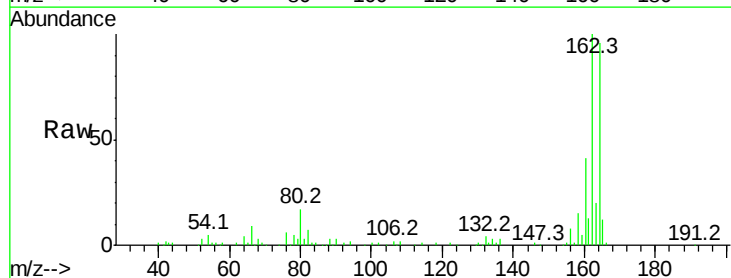
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-PAD

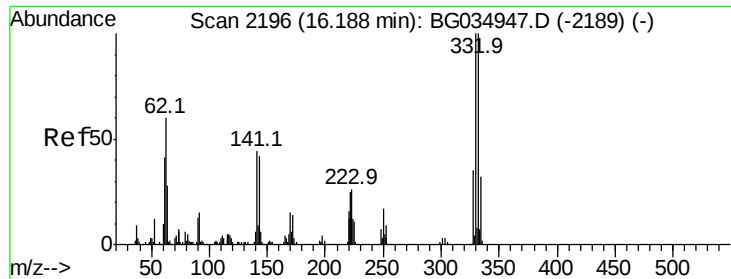
Tot Ion	82	Resp	266004
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.7	44.5
54	41.6	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035554.D
 Acq: 2 Jul 2018 17:02

Tgt Ion	164	Resp	92865
Ion Ratio	Lower	Upper	
164	100		
162	103.8	78.8	118.2
160	42.4	35.4	53.0

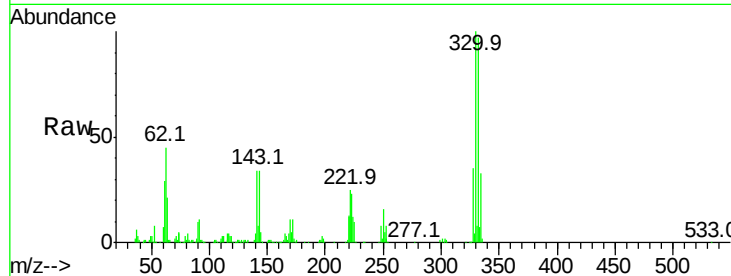




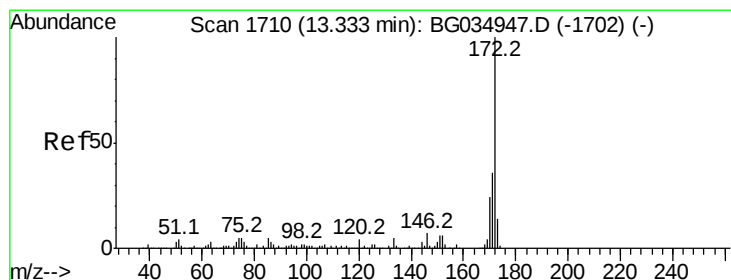
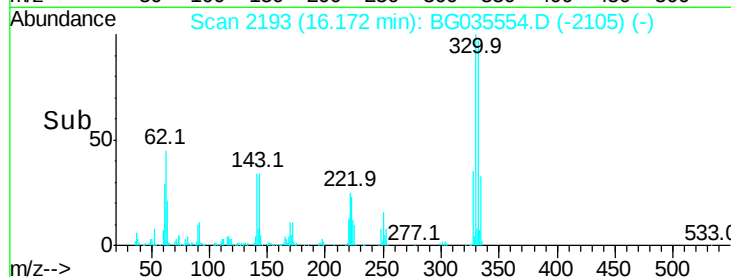
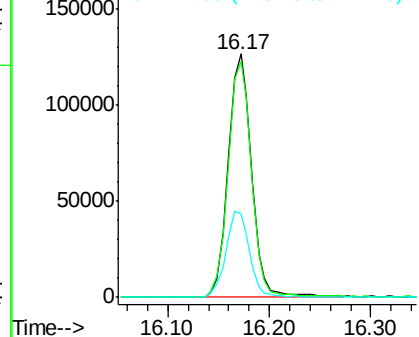
#41
 2,4,6-Tribromophenol
 Concen: 170.208 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035554.D
 Acq: 2 Jul 2018 17:02

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-PAD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.8	25.2	37.8

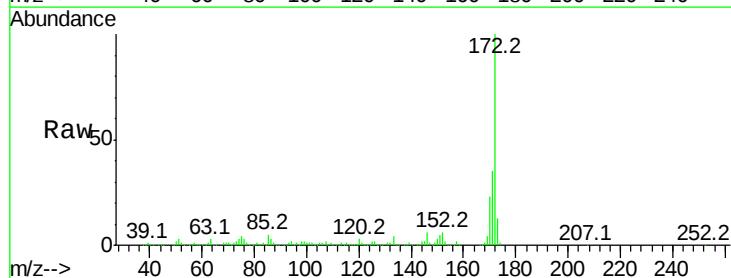


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

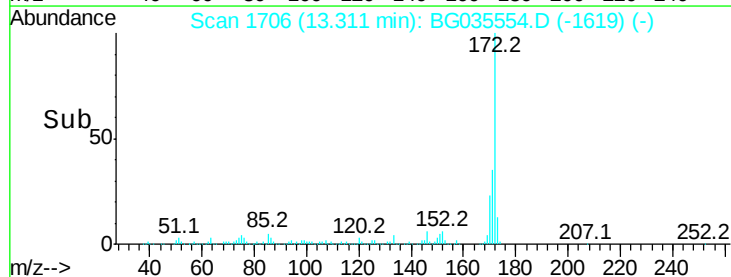
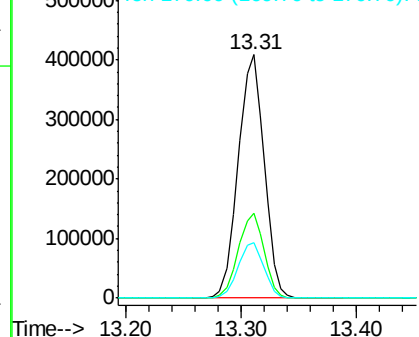


#44
 2-Fluorobiphenyl
 Concen: 89.119 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035554.D
 Acq: 2 Jul 2018 17:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.9	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035554.D

Acq: 2 Jul 2018 17:02

Instrument :

BNA_G

ClientSampleId :

REACTOR-PAD

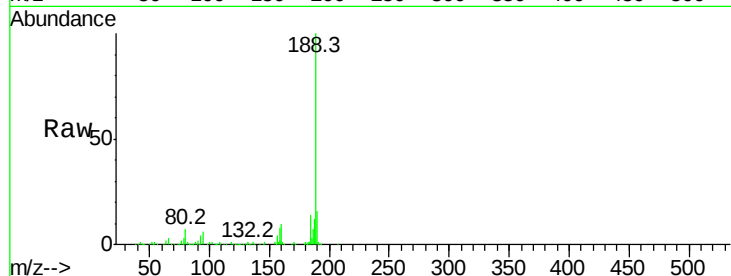
Tot Ion:188 Resp: 252994

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

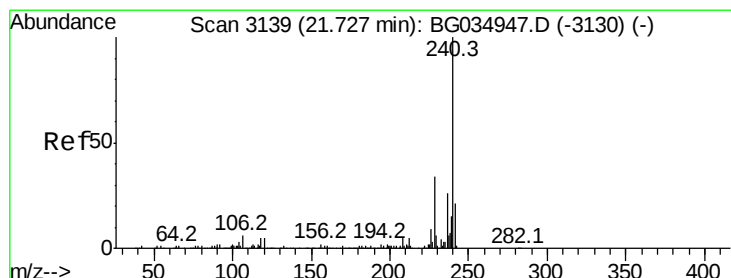
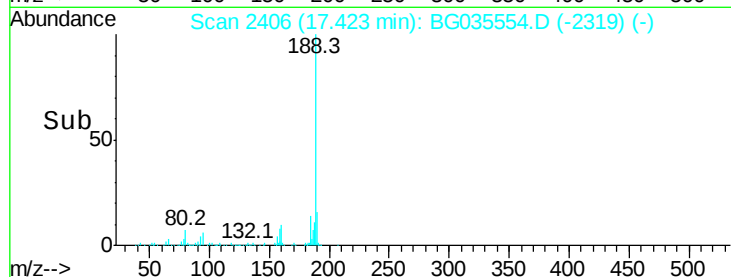
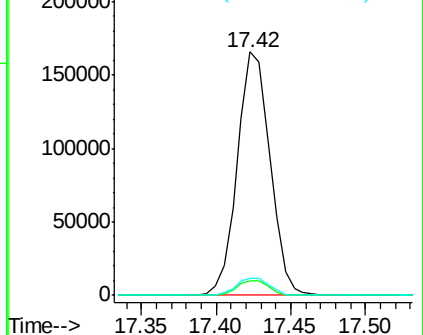
80 7.1 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035554.D

Acq: 2 Jul 2018 17:02

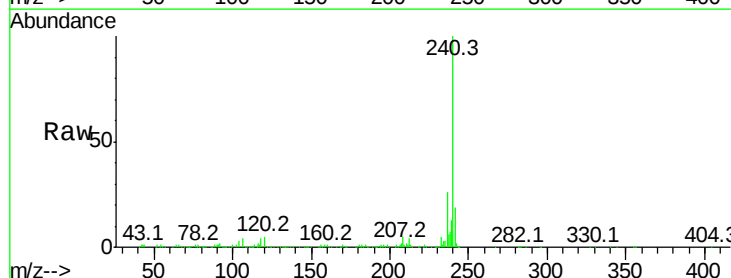
Tgt Ion:240 Resp: 262993

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

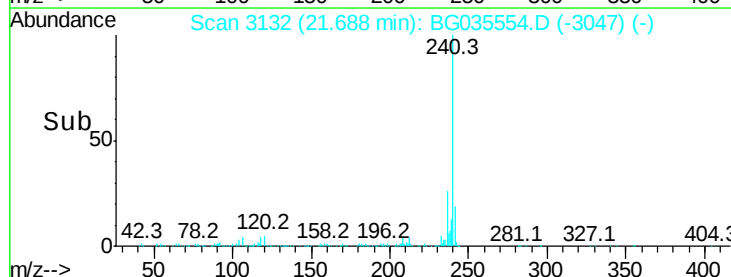
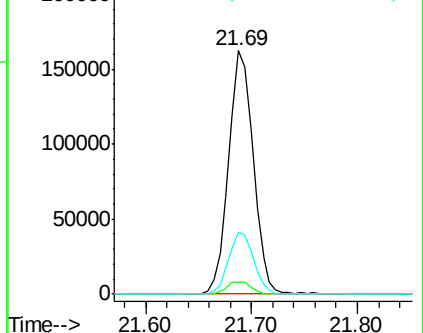
236 25.6 20.9 31.3

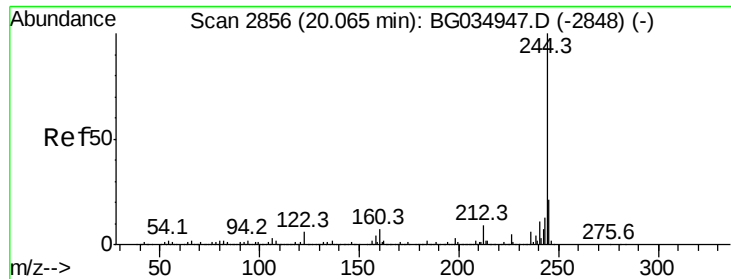


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.012 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035554.D

Acq: 2 Jul 2018 17:02

Instrument :

BNA_G

ClientSampleId :

REACTOR-PAD

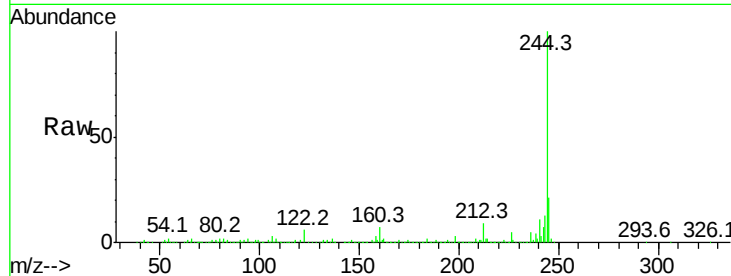
Tot Ion:244 Resp: 1268239

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

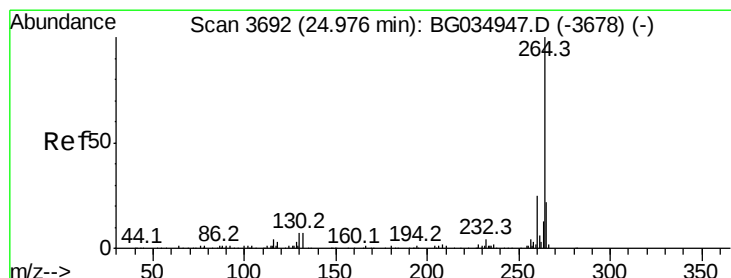
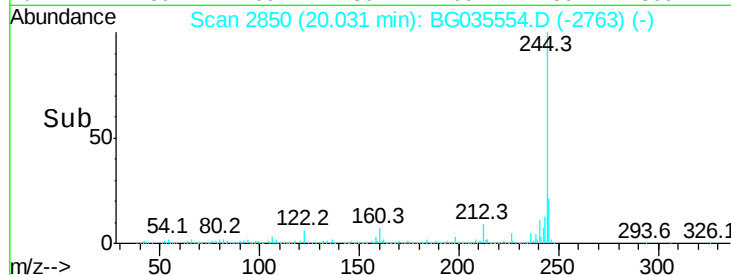
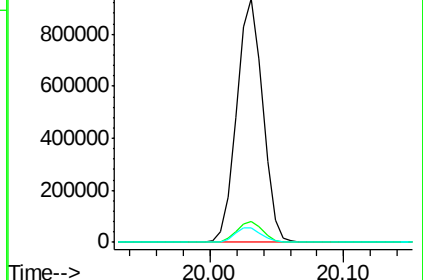
122 6.1 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035554.D

Acq: 2 Jul 2018 17:02

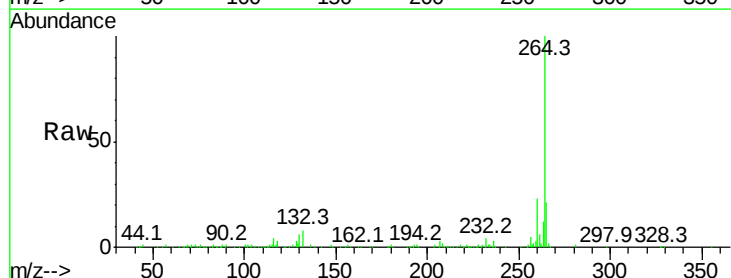
Tgt Ion:264 Resp: 256795

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.4 17.7 26.5



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

