

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041397.D
 Acq On : 22 Jun 2019 6:43
 Operator : HP/JU
 Sample : K3455-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Quant Time: Jun 24 01:41:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37145	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	144640	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	104795	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	250905	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	239884	20.00	ng	-0.03
87) Perylene-d12	25.01	264	256196	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234943	116.22	ng	-0.02
7) Phenol-d6	7.21	99	298104	101.73	ng	-0.02
23) Nitrobenzene-d5	9.23	82	283956	82.56	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	200533	124.64	ng	-0.02
45) 2-Fluorobiphenyl	13.32	172	660352	85.65	ng	-0.02
79) Terphenyl-d14	20.04	244	1081772	89.37	ng	-0.02

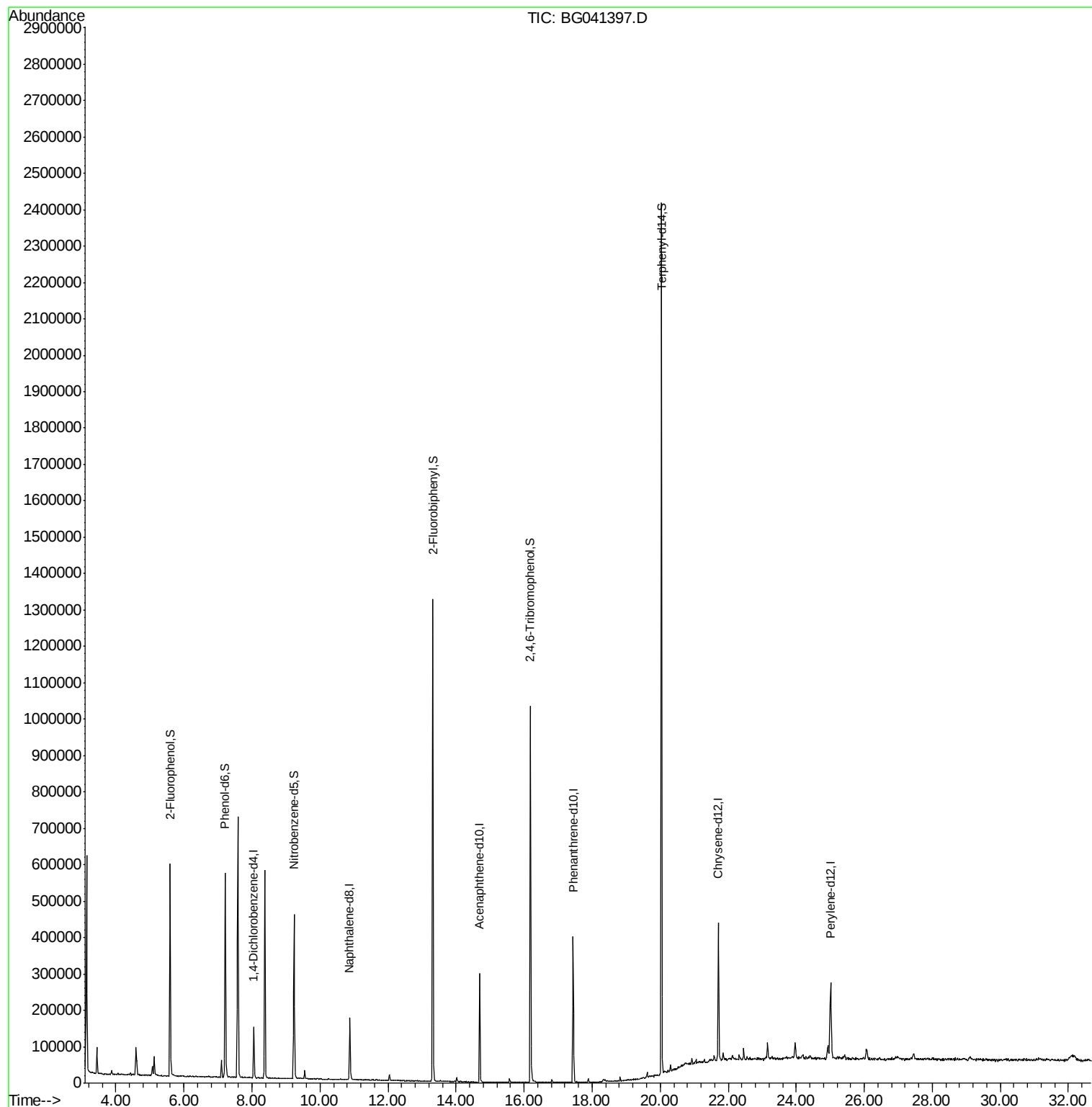
Target Compounds Qvalue

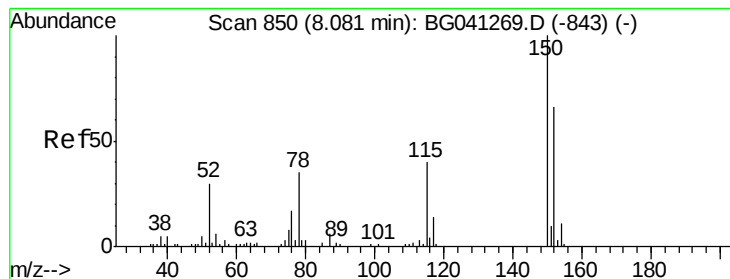
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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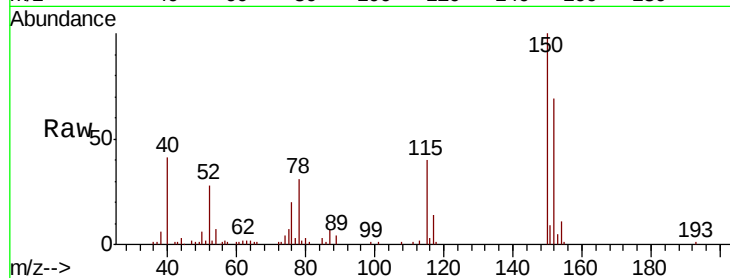


#1

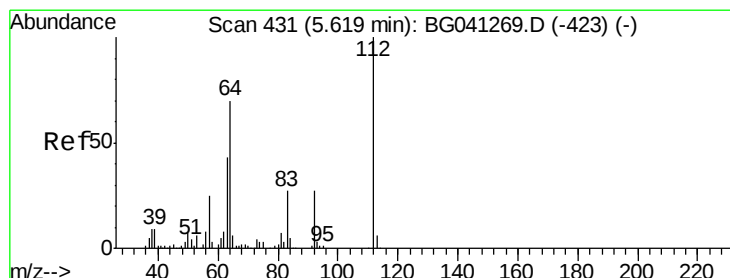
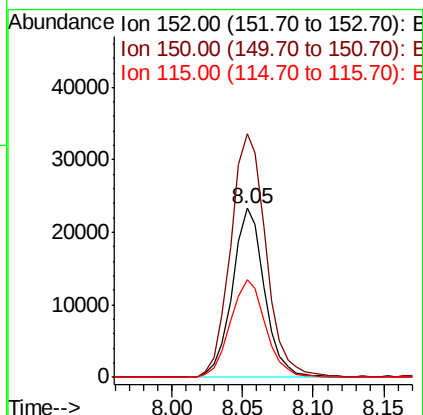
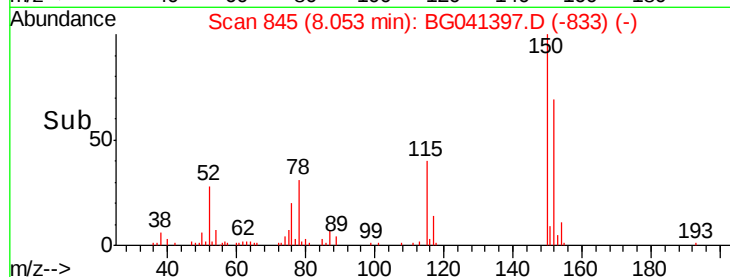
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041397.D
Acq: 22 Jun 2019 6:43

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tot Ion:152 Resp: 37145
Ion Ratio Lower Upper
152 100
150 144.2 120.6 181.0
115 57.8 47.9 71.9



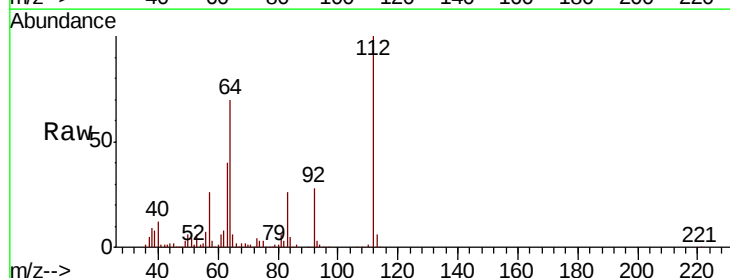
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



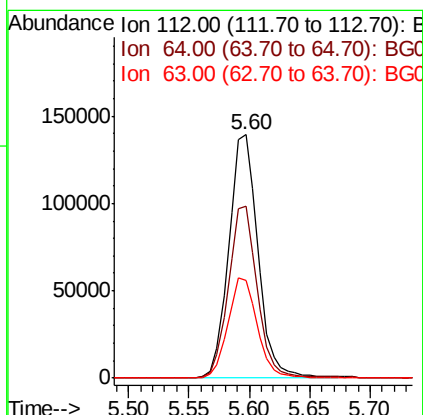
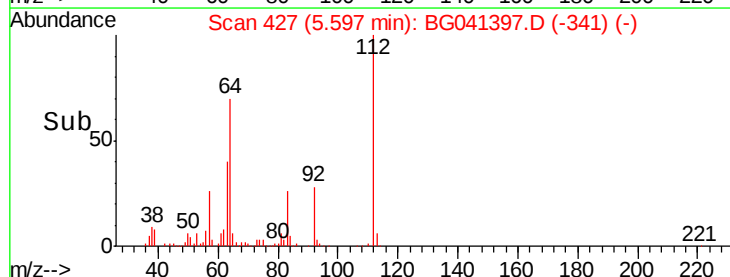
#5

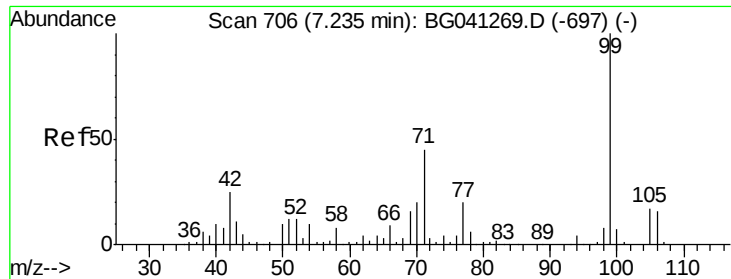
2-Fluorophenol
Concen: 116.217 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG041397.D
Acq: 22 Jun 2019 6:43

Tgt Ion:112 Resp: 234943
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 40.0 34.6 51.8



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





#7

Phenol-d6

Concen: 101.731 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041397.D

Acq: 22 Jun 2019 6:43

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

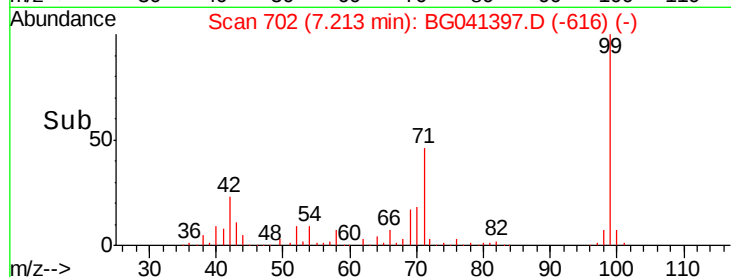
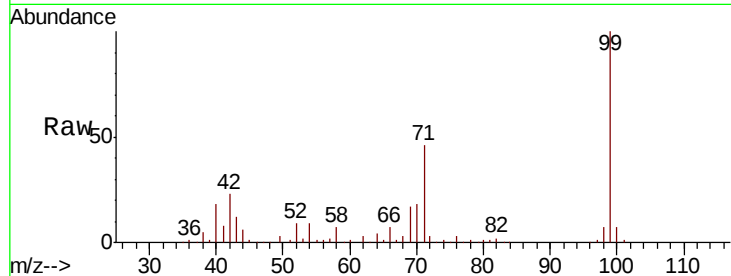
Tot Ion: 99 Resp: 298104

Ion Ratio Lower Upper

99 100

42 23.2 19.9 29.9

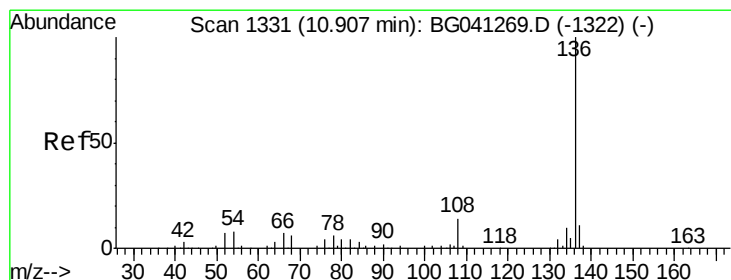
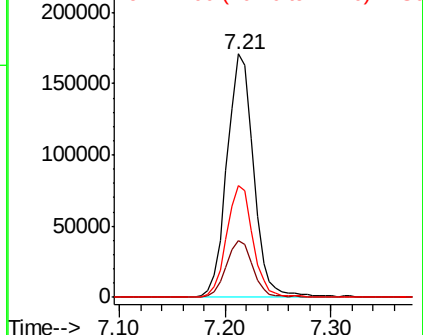
71 46.0 36.4 54.6



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# 1325

Delta R.T. -0.03 min

Lab File: BG041397.D

Acq: 22 Jun 2019 6:43

Tgt Ion: 136 Resp: 144640

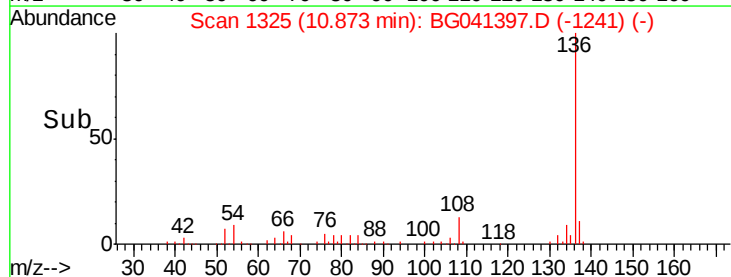
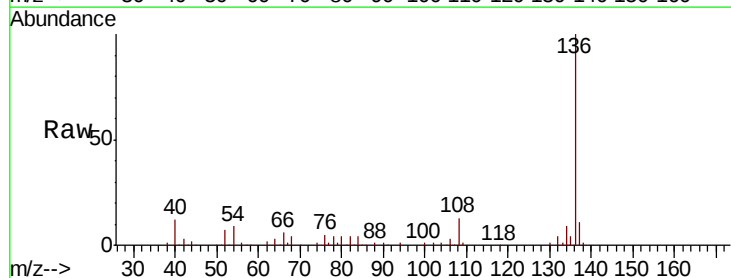
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.3 6.4 9.6

68 4.5 4.8 7.2#

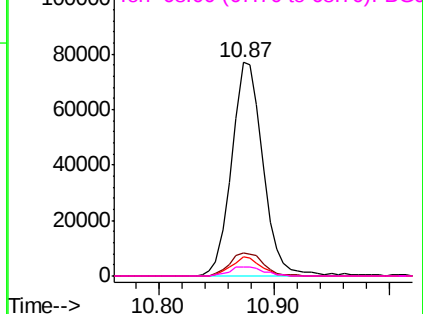


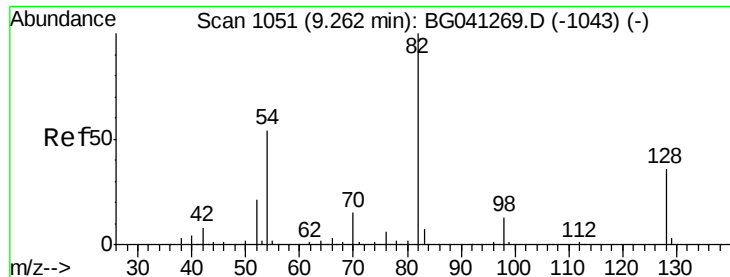
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

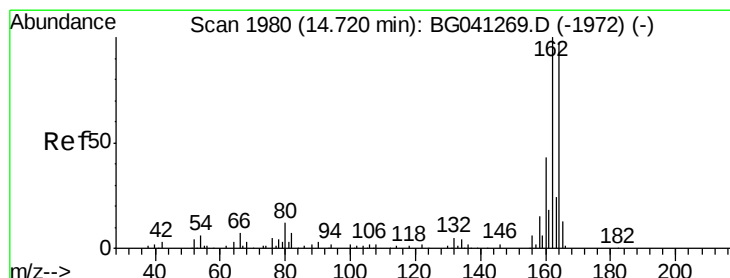
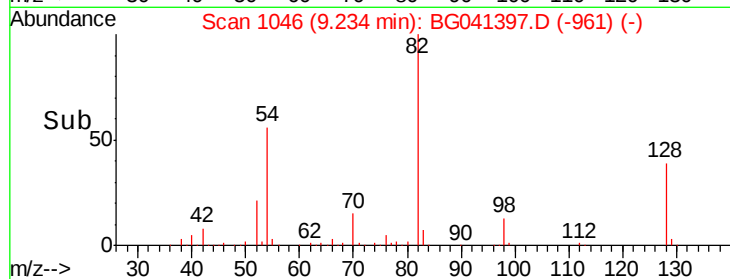
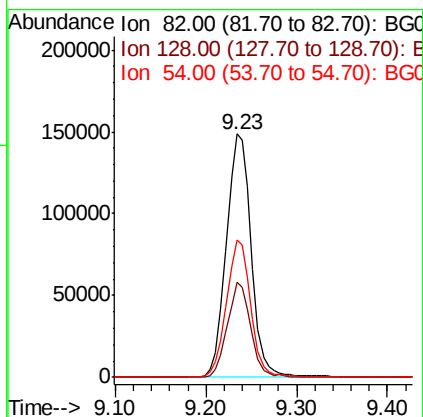
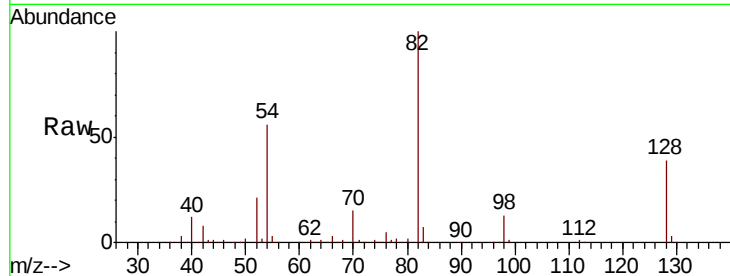




#23
Nitrobenzene-d5
Concen: 82.564 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041397.D
Acq: 22 Jun 2019 6:43

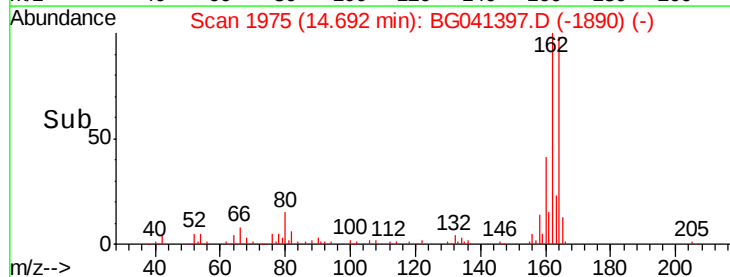
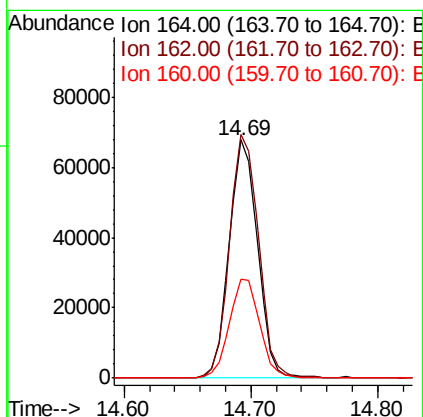
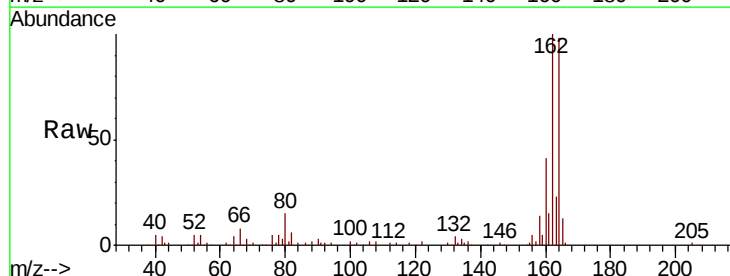
Instrument :
BNA_G
ClientSampleId :
TP-1-MH

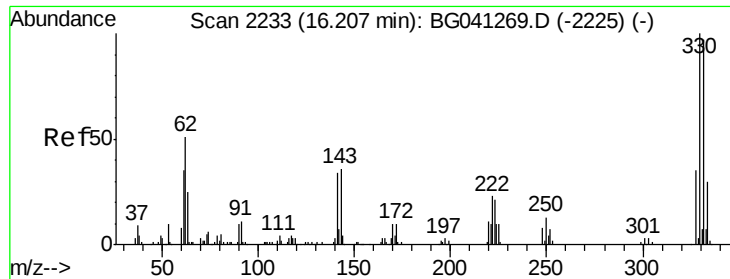
Tot Ion	82	Resp	283956
Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.2	43.8
54	56.3	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041397.D
Acq: 22 Jun 2019 6:43

Tgt Ion	164	Resp	104795
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	41.4	35.8	53.8

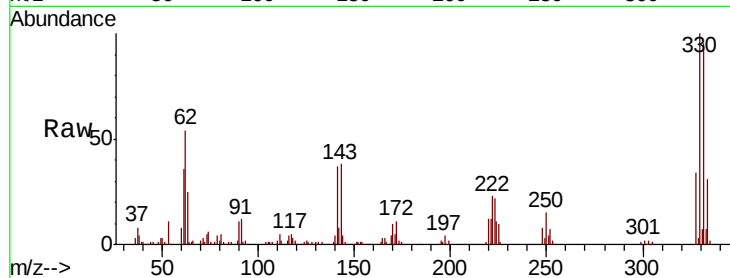




#42
 2,4,6-Tribromophenol
 Concen: 124.645 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BG041397.D
 Acq: 22 Jun 2019 6:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.5	113.3
141	36.2	29.0	43.4

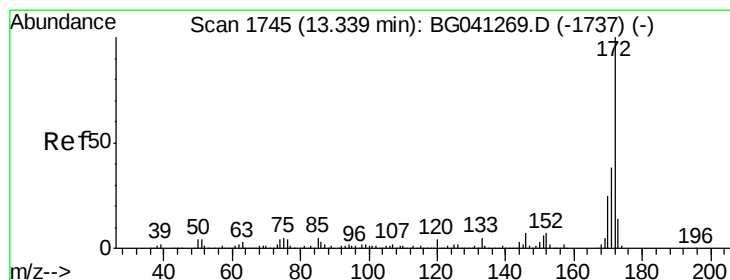
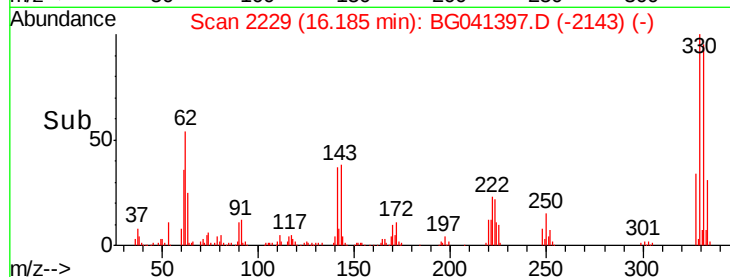
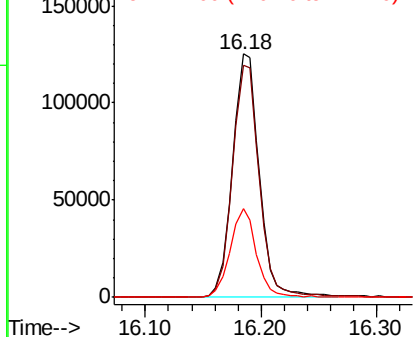


Abundance

Ion 329.80 (329.50 to 330.50): E

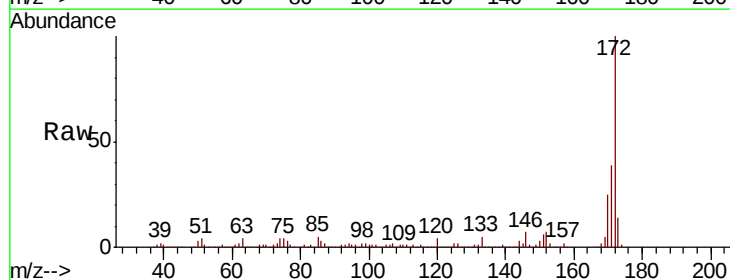
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.645 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG041397.D
 Acq: 22 Jun 2019 6:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.4	19.8	29.6

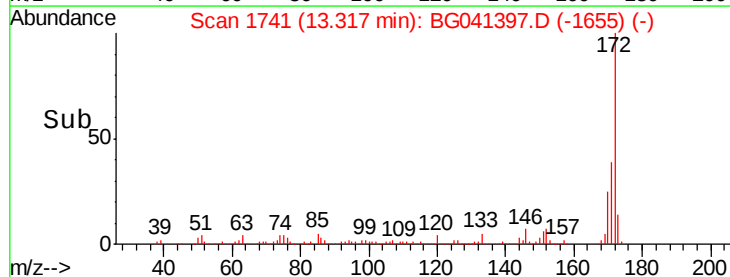
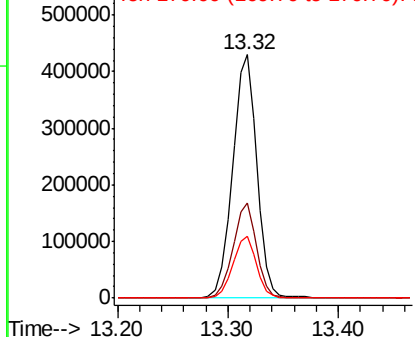


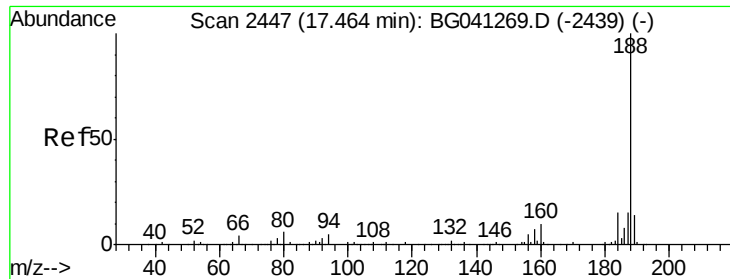
Abundance

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

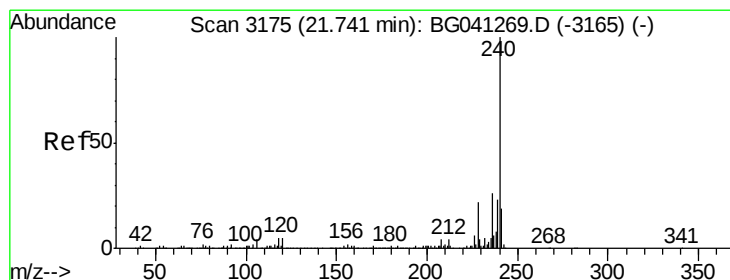
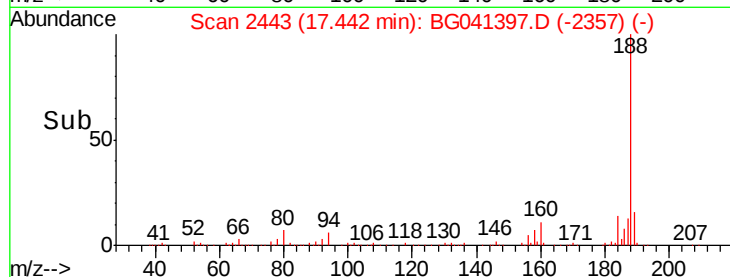
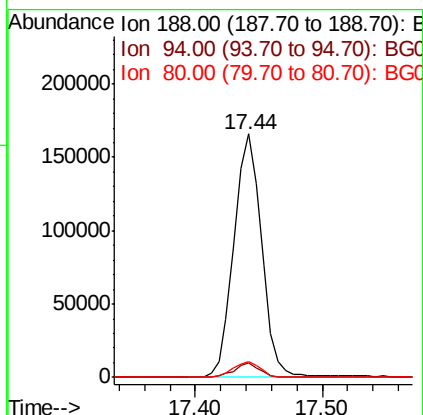
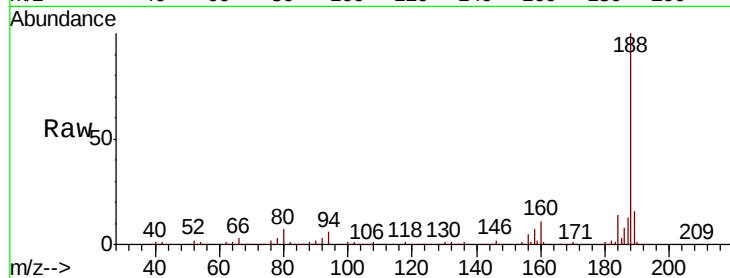




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BG041397.D
Acq: 22 Jun 2019 6:43

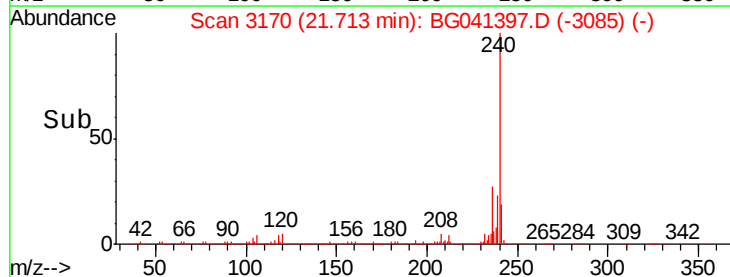
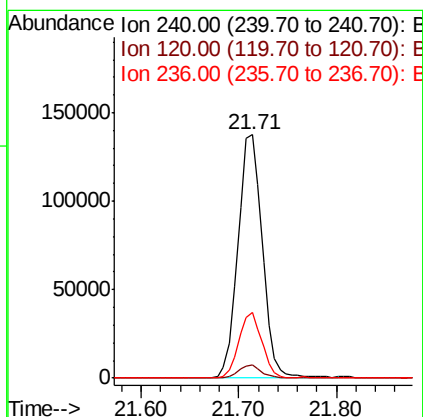
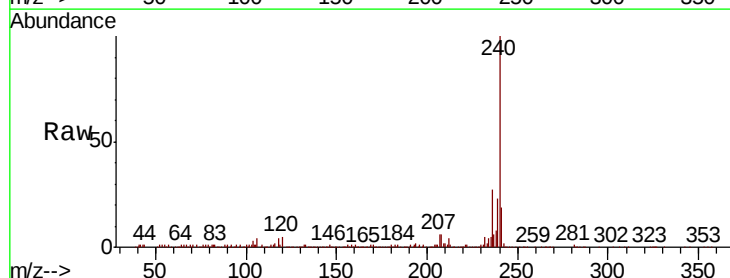
Instrument :
BNA_G
ClientSampleId :
TP-1-MH

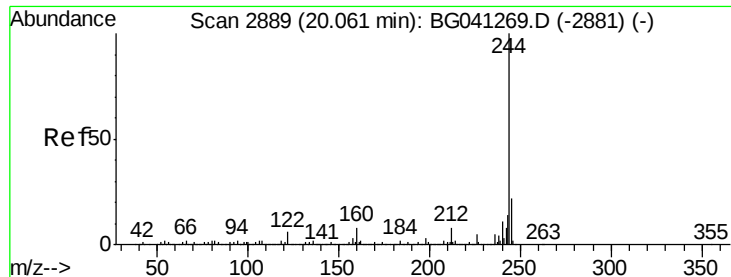
Tot Ion:188 Resp: 250905
Ion Ratio Lower Upper
188 100
94 5.9 3.6 5.4#
80 6.6 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041397.D
Acq: 22 Jun 2019 6:43

Tgt Ion:240 Resp: 239884
Ion Ratio Lower Upper
240 100
120 5.3 3.7 5.5
236 27.0 21.1 31.7





#79

Terphenyl-d14

Concen: 89.370 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041397.D

Acq: 22 Jun 2019 6:43

Instrument :

BNA_G

ClientSampled :

TP-1-MH

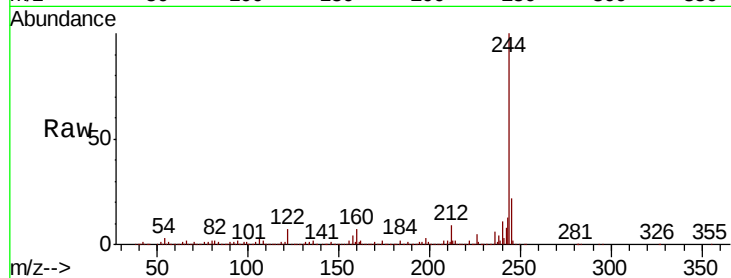
Tot Ion:244 Resp: 1081772

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

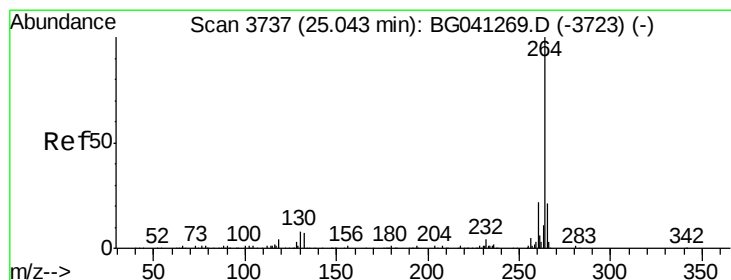
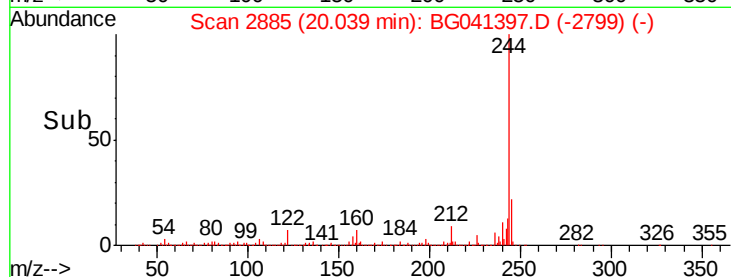
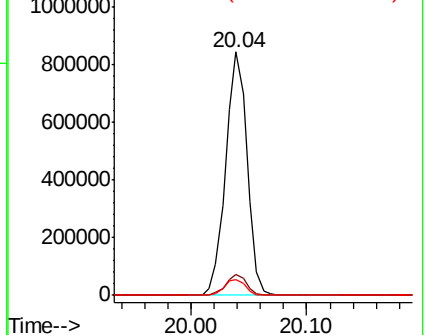
122 6.6 5.0 7.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG041397.D

Acq: 22 Jun 2019 6:43

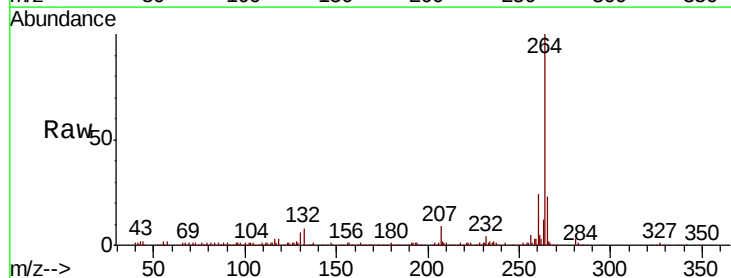
Tgt Ion:264 Resp: 256196

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.2

265 22.8 17.2 25.8



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

