

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039288.D
 Acq On : 25 Jan 2019 21:19
 Operator : JU/SJ
 Sample : K1228-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jan 28 03:46:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15553	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	55354	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	34573	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	96018	20.00	ng	0.00
76) Chrysene-d12	21.67	240	115742	20.00	ng	-0.02
87) Perylene-d12	24.92	264	119185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	98160	119.72	ng	0.00
7) Phenol-d6	7.17	99	106316	90.10	ng	0.00
23) Nitrobenzene-d5	9.18	82	117844	116.49	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	76169	131.43	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	239895	94.96	ng	0.00
79) Terphenyl-d14	20.00	244	526251	84.11	ng	0.00

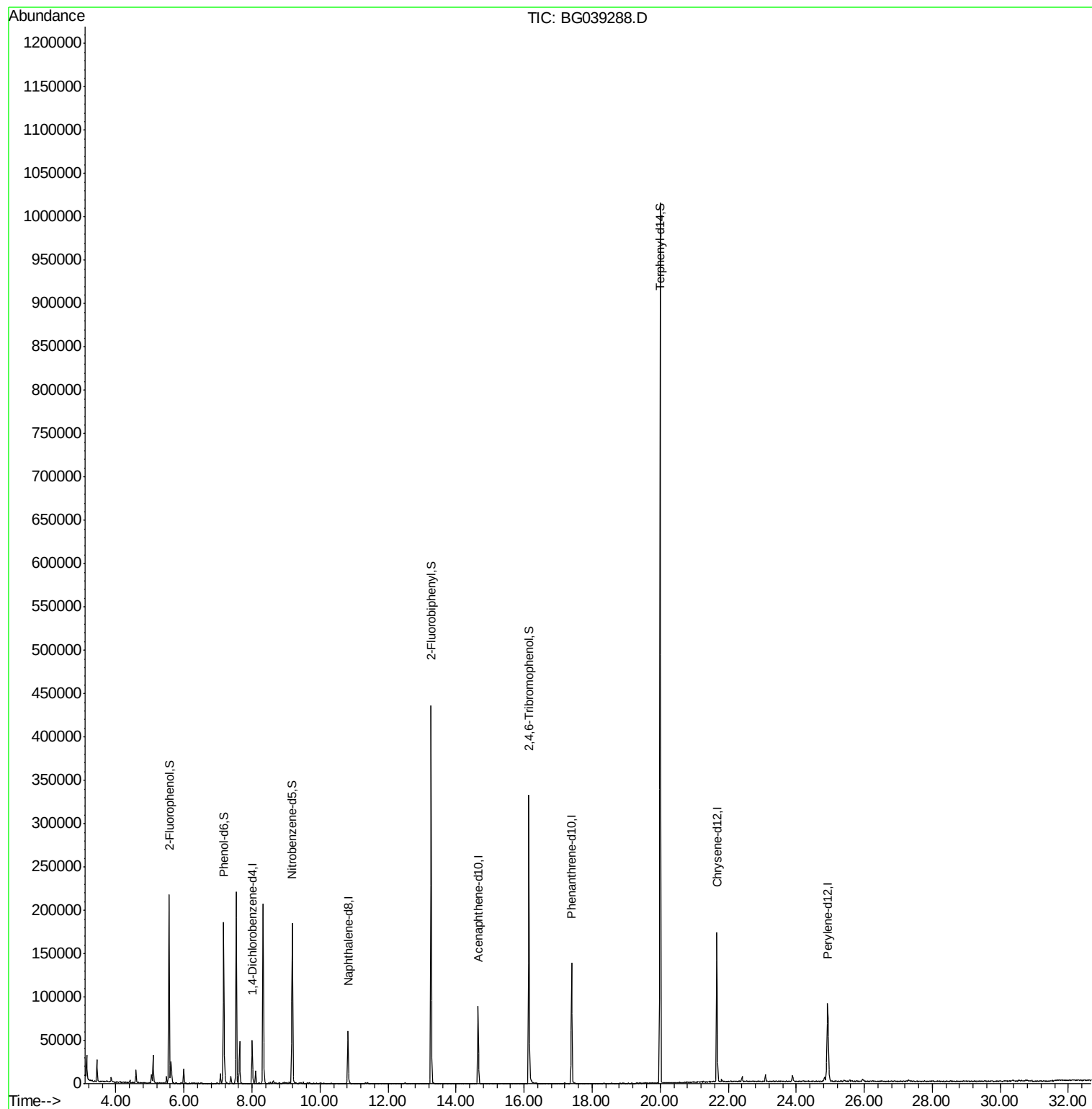
Target Compounds Qvalue

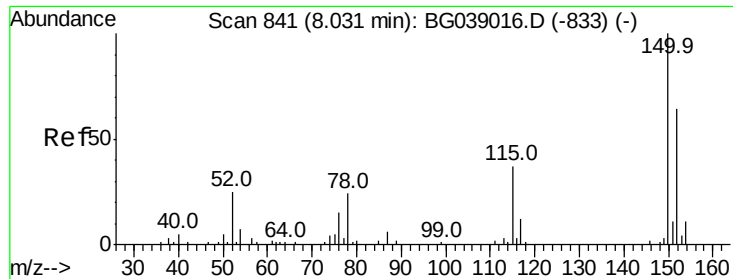
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039288.D
Acq On : 25 Jan 2019 21:19
Operator : JU/SJ
Sample : K1228-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Time: Jan 28 03:46:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



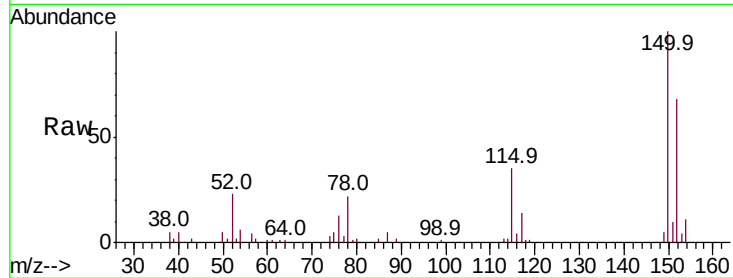


#1

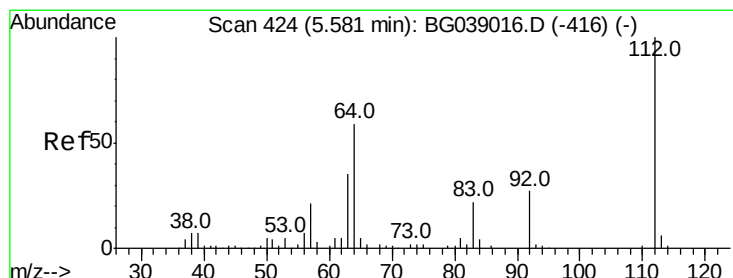
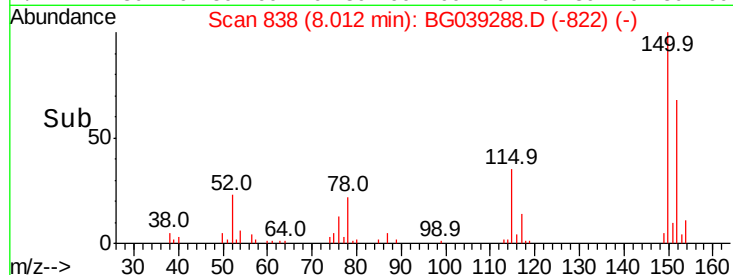
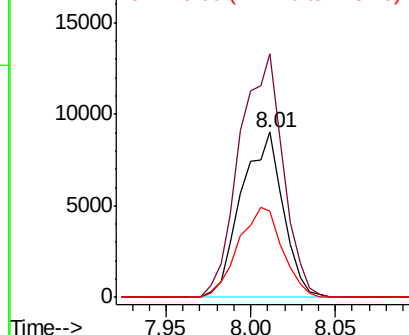
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039288.D
Acq: 25 Jan 2019 21:19

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 15553
Ion Ratio Lower Upper
152 100
150 147.2 124.7 187.1
115 52.0 46.5 69.7



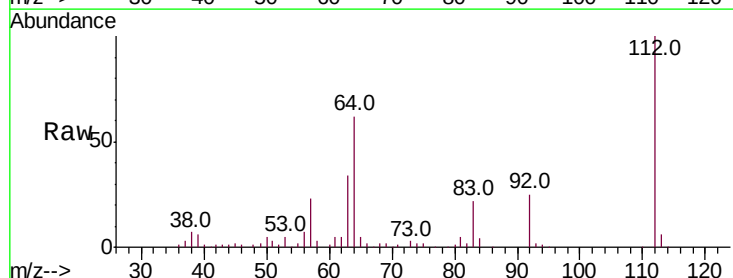
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



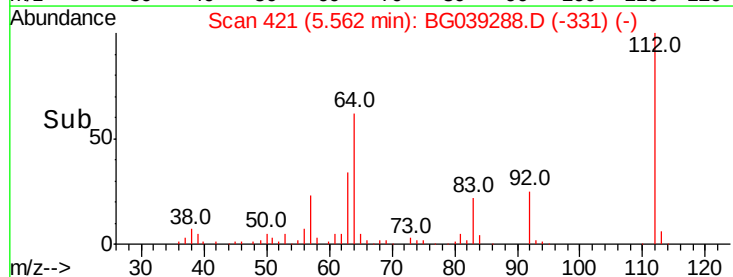
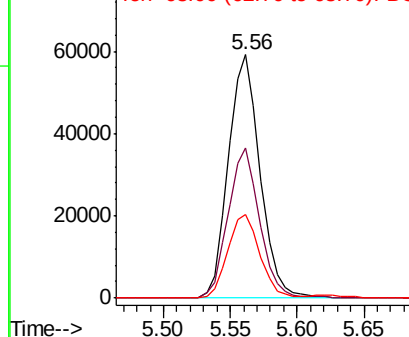
#5

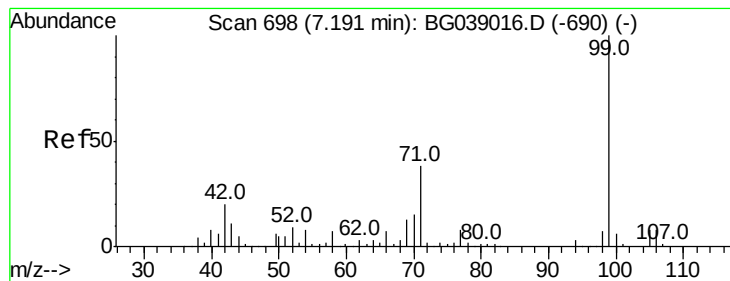
2-Fluorophenol
Concen: 119.725 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039288.D
Acq: 25 Jan 2019 21:19

Tgt Ion:112 Resp: 98160
Ion Ratio Lower Upper
112 100
64 61.9 47.0 70.6
63 34.2 28.0 42.0



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: 90.105 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039288.D

Acq: 25 Jan 2019 21:19

Instrument :

BNA_G

ClientSampleId :

COMP-1

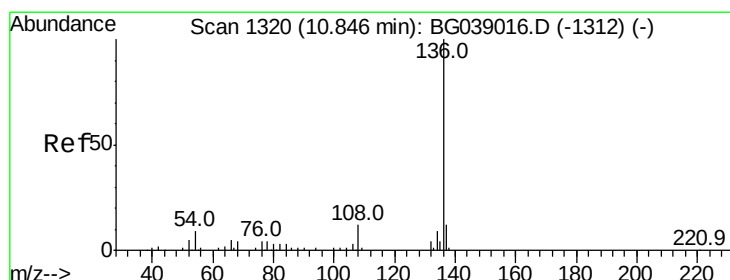
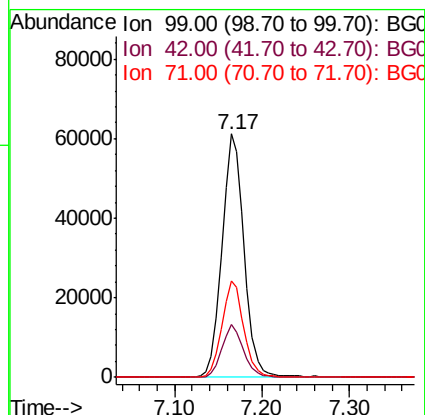
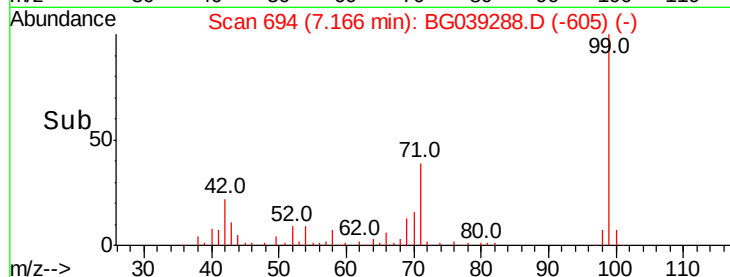
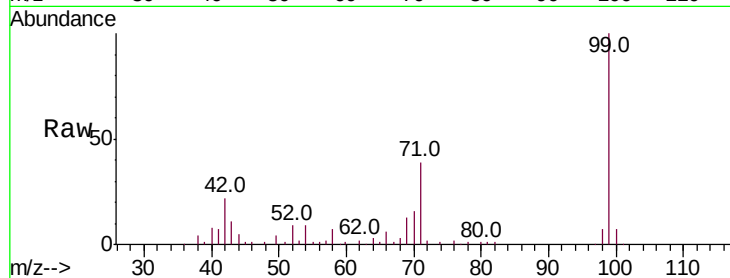
Tot Ion: 99 Resp: 106316

Ion Ratio Lower Upper

99 100

42 21.5 15.8 23.6

71 39.4 30.2 45.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039288.D

Acq: 25 Jan 2019 21:19

Tgt Ion: 136 Resp: 55354

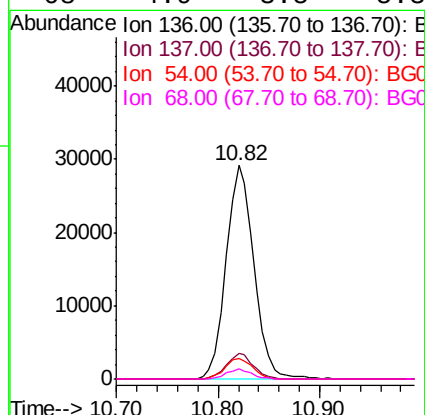
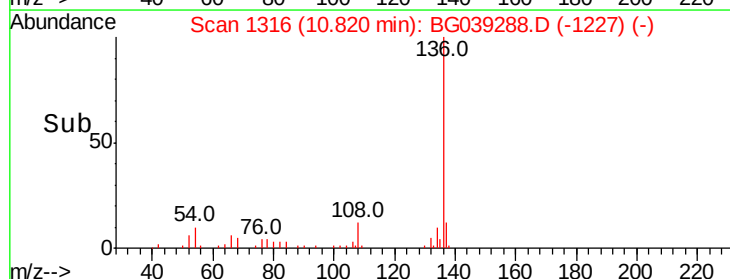
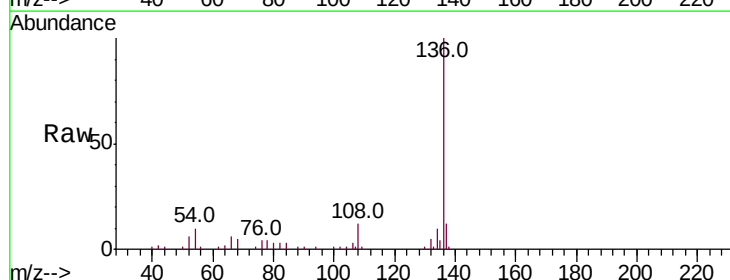
Ion Ratio Lower Upper

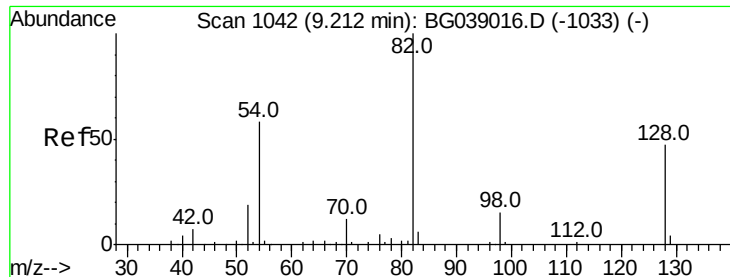
136 100

137 12.0 9.4 14.2

54 9.9 7.2 10.8

68 4.9 3.5 5.3

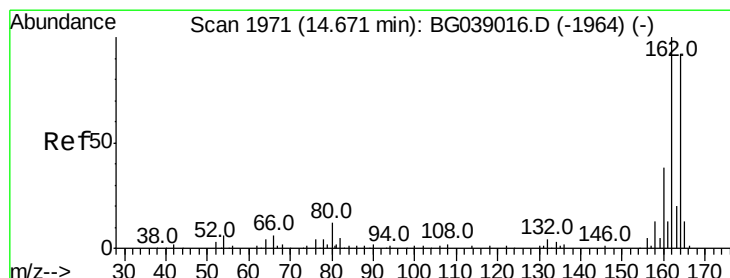
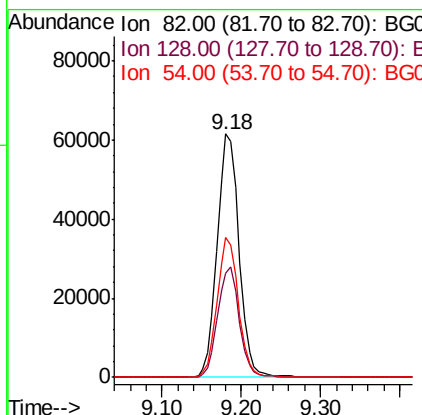
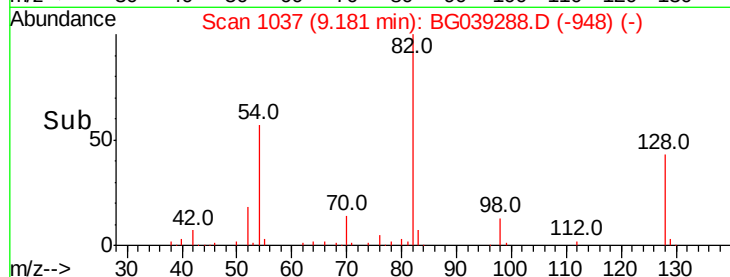
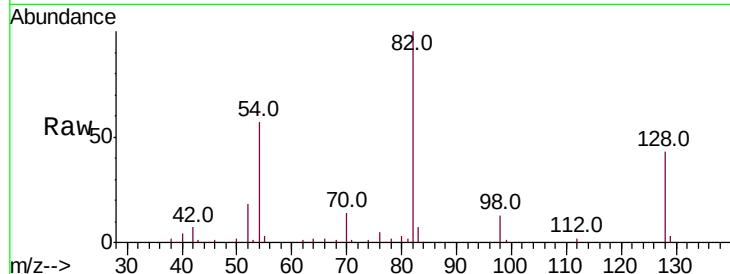




#23
Nitrobenzene-d5
Concen: 116.493 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039288.D
Acq: 25 Jan 2019 21:19

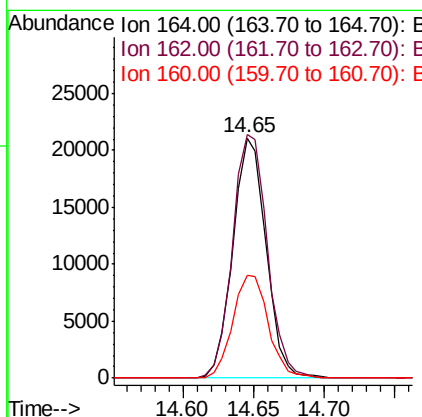
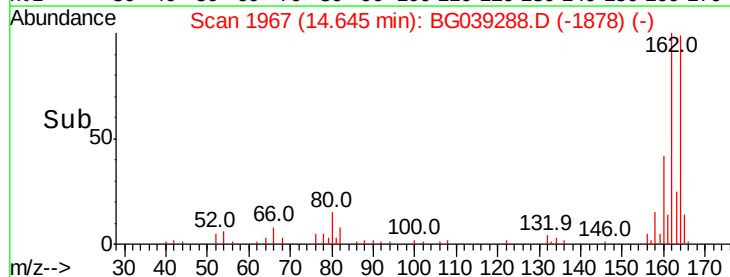
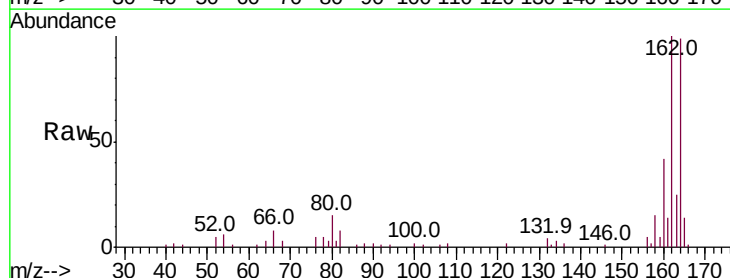
Instrument :
BNA_G
ClientSampleId :
COMP-1

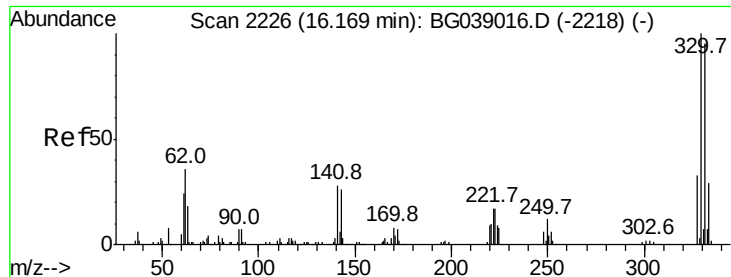
Tot Ion: 82 Resp: 117844
Ion Ratio Lower Upper
82 100
128 43.0 37.3 55.9
54 57.2 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039288.D
Acq: 25 Jan 2019 21:19

Tgt Ion:164 Resp: 34573
Ion Ratio Lower Upper
164 100
162 101.5 87.2 130.8
160 42.7 33.3 49.9

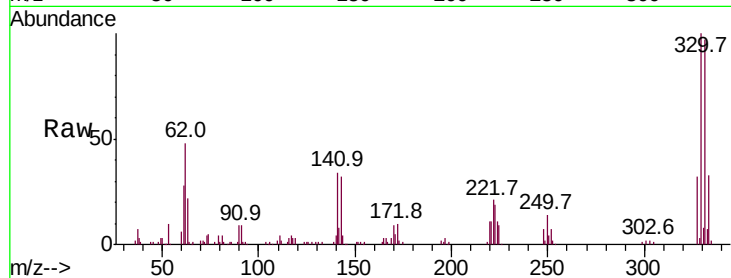




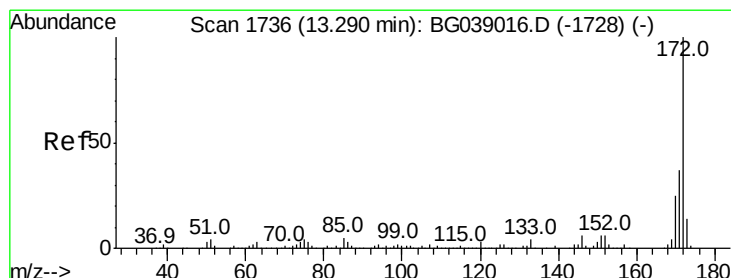
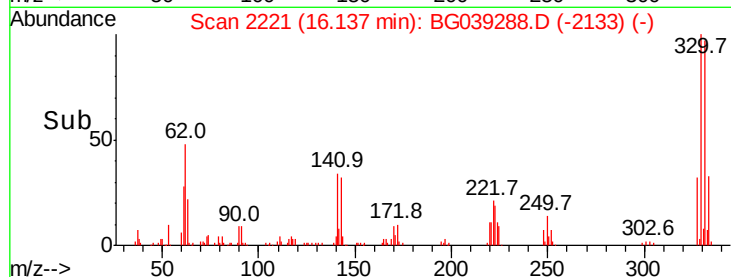
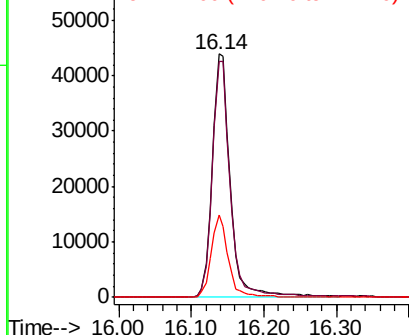
#42
 2,4,6-Tribromophenol
 Concen: 131.430 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BG039288.D
 Acq: 25 Jan 2019 21:19

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tot Ion:330 Resp: 76169
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5
 141 32.0 24.9 37.3

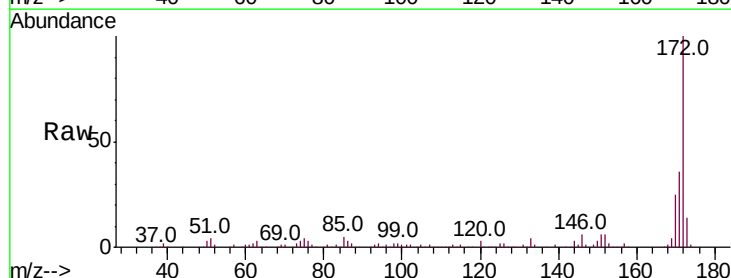


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

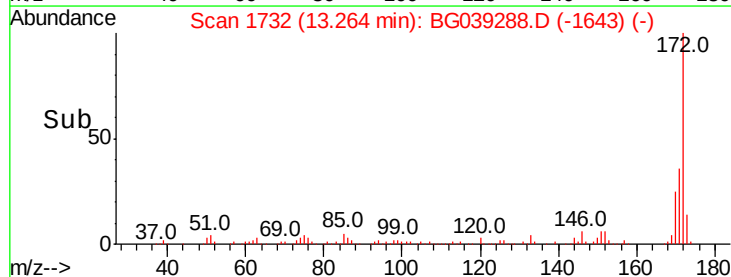
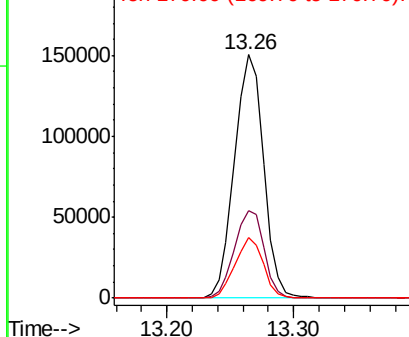


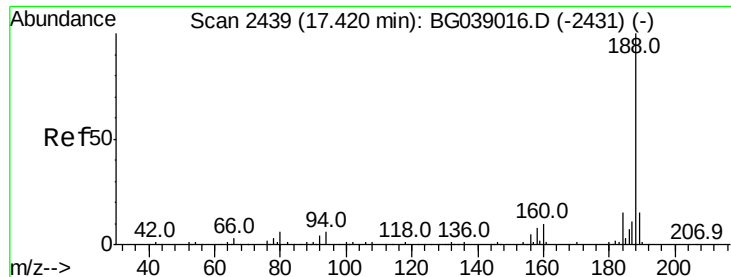
#45
 2-Fluorobiphenyl
 Concen: 94.962 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039288.D
 Acq: 25 Jan 2019 21:19

Tgt Ion:172 Resp: 239895
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.9 20.1 30.1



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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039288.D

Acq: 25 Jan 2019 21:19

Instrument :

BNA_G

ClientSampleId :

COMP-1

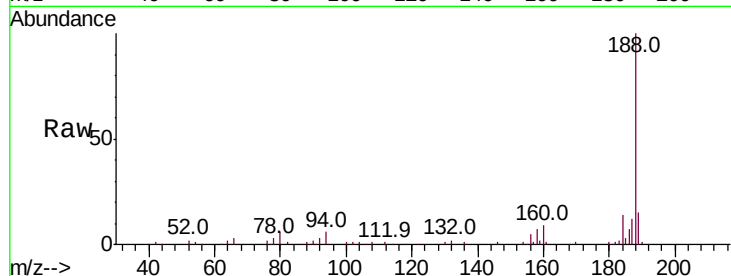
Tot Ion:188 Resp: 96018

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

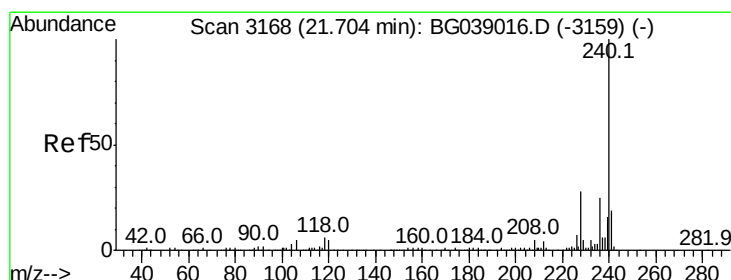
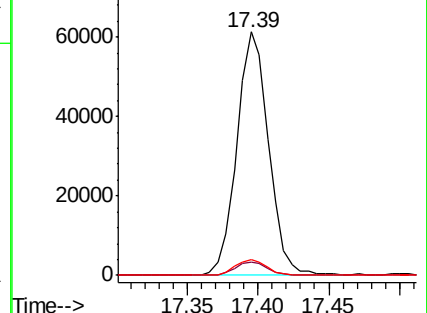
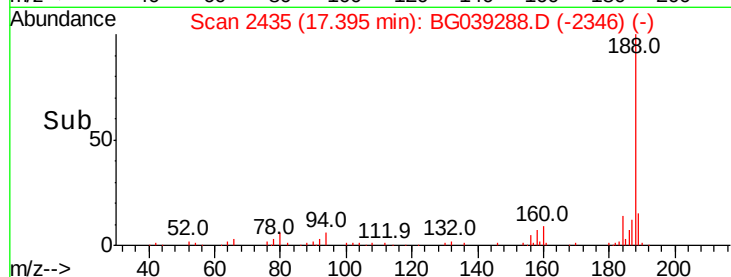
80 6.3 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039288.D

Acq: 25 Jan 2019 21:19

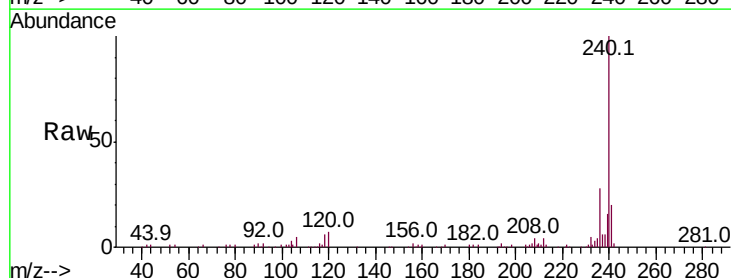
Tgt Ion:240 Resp: 115742

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

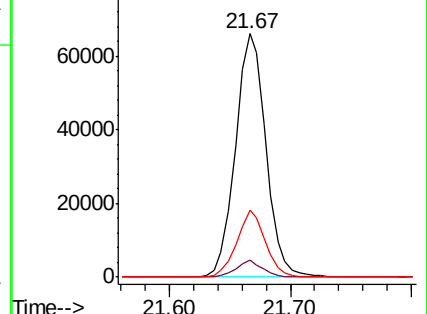
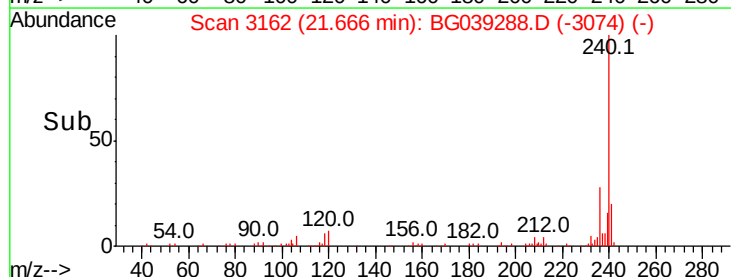
236 27.5 20.1 30.1

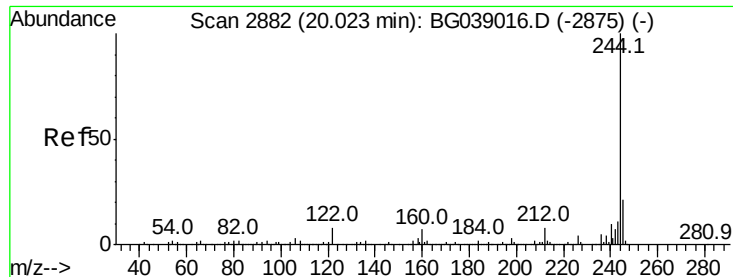


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.110 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039288.D

Acq: 25 Jan 2019 21:19

Instrument :

BNA_G

ClientSampled :

COMP-1

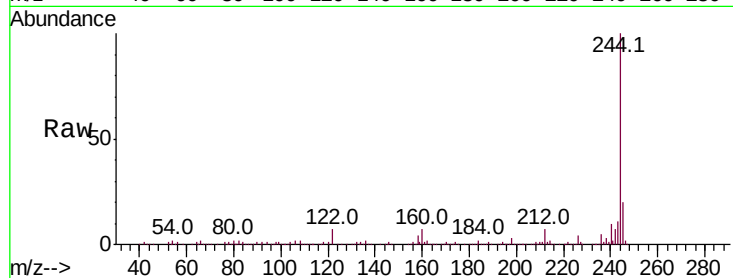
Tot Ion:244 Resp: 526251

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

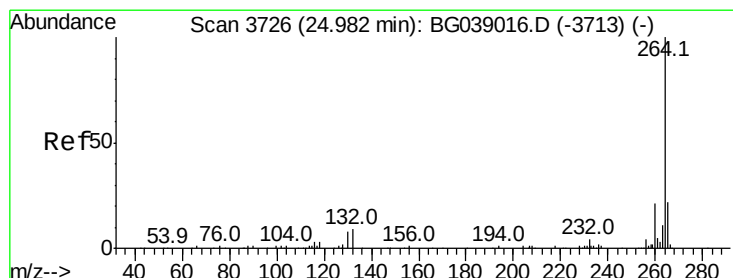
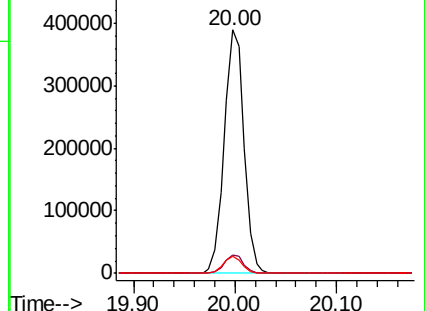
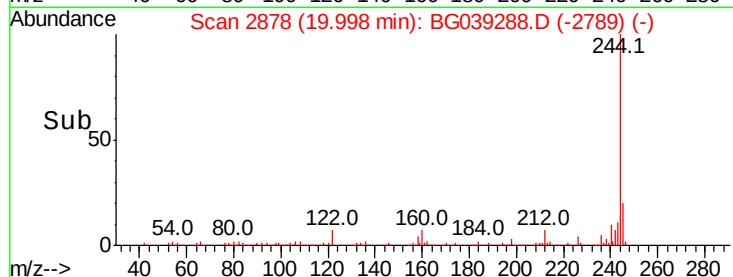
122 6.8 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039288.D

Acq: 25 Jan 2019 21:19

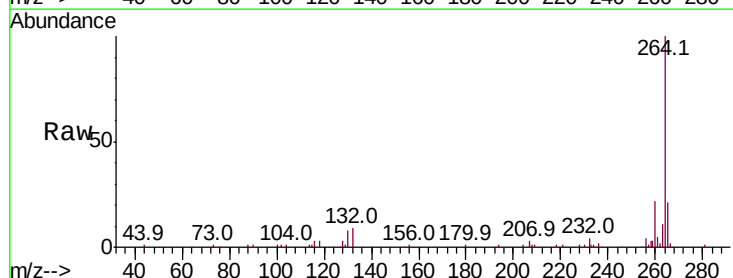
Tgt Ion:264 Resp: 119185

Ion Ratio Lower Upper

264 100

260 21.6 17.0 25.6

265 21.1 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

