

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041408.D
 Acq On : 22 Jun 2019 18:14
 Operator : HP/JU
 Sample : K3352-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190612-LOC-11

Quant Time: Jun 24 03:36:31 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	25921	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	91602	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	64578	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	180493	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	225100	20.00	ng	-0.04
87) Perylene-d12	24.99	264	241730	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	157732	111.81	ng	-0.03
7) Phenol-d6	7.21	99	202007	98.79	ng	-0.03
23) Nitrobenzene-d5	9.23	82	185219	85.04	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	131186	132.32	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	426163	89.69	ng	-0.03
79) Terphenyl-d14	20.03	244	1010687	88.98	ng	-0.03

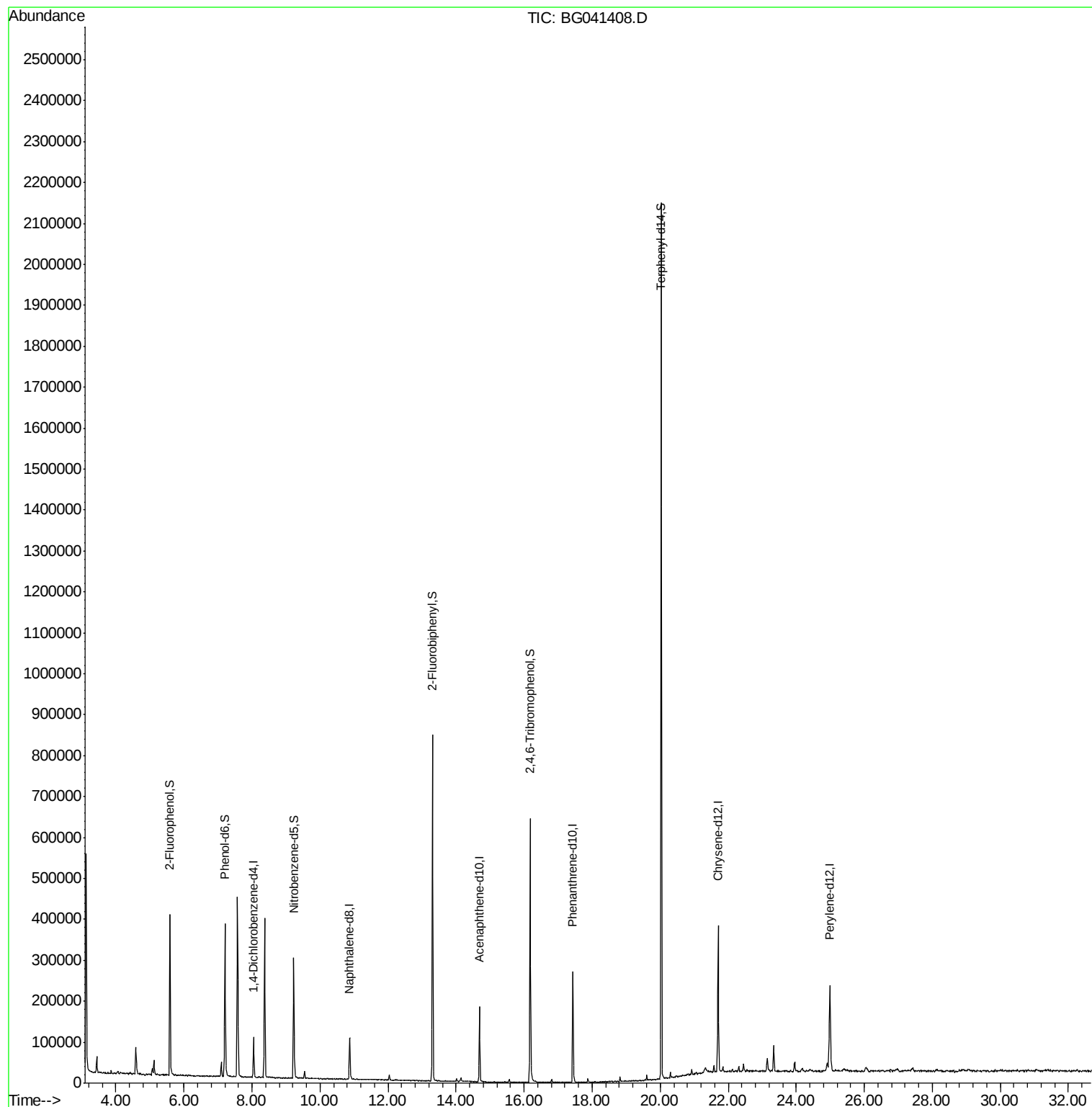
Target Compounds Qvalue

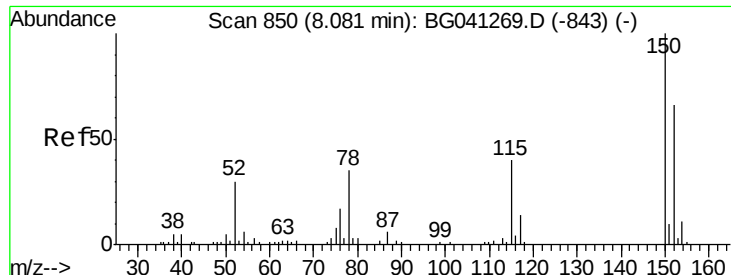
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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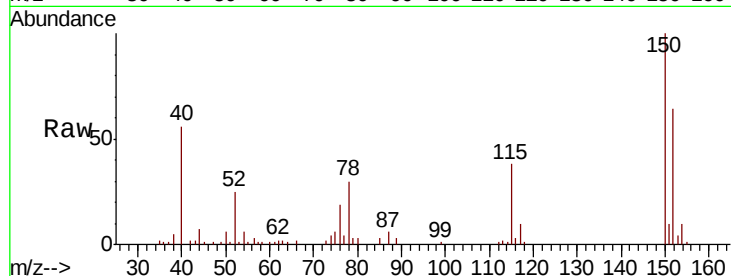


#1

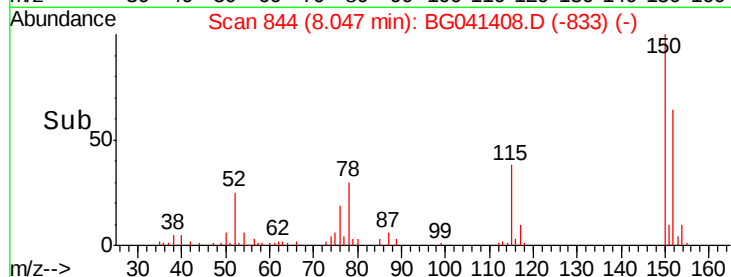
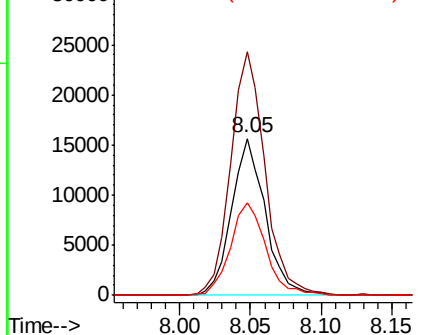
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041408.D
Acq: 22 Jun 2019 18:14

Instrument :
BNA_G
ClientSampleId :
20190612-LOC-11

Tot Ion:152 Resp: 25921
Ion Ratio Lower Upper
152 100
150 155.5 120.6 181.0
115 59.2 47.9 71.9



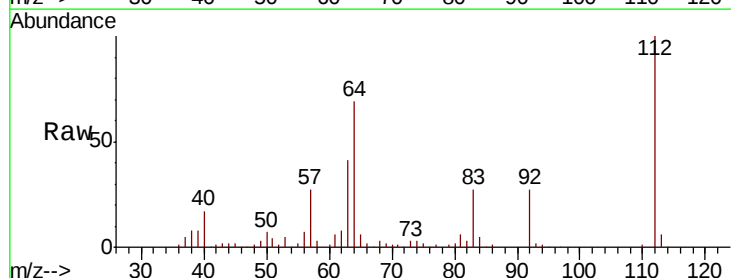
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



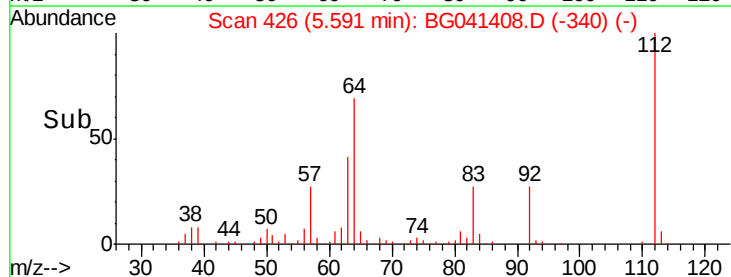
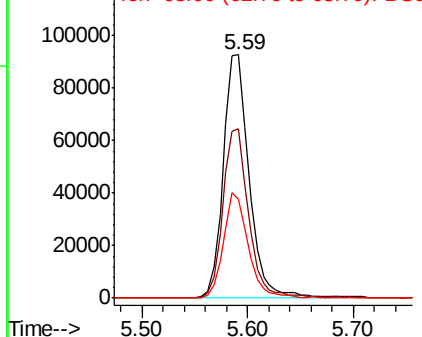
#5

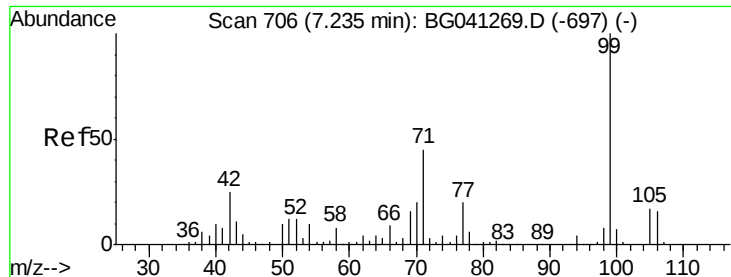
2-Fluorophenol
Concen: 111.809 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041408.D
Acq: 22 Jun 2019 18:14

Tgt Ion:112 Resp: 157732
Ion Ratio Lower Upper
112 100
64 69.4 55.9 83.9
63 40.6 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: 98.787 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041408.D

Acq: 22 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

20190612-LOC-11

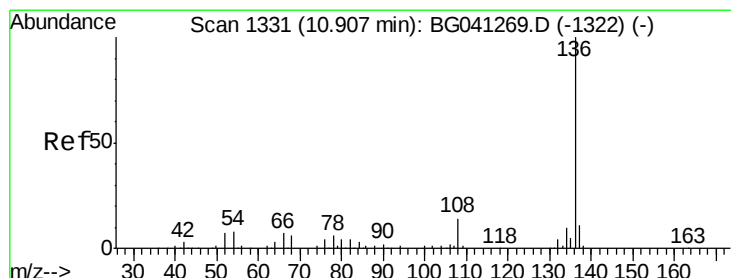
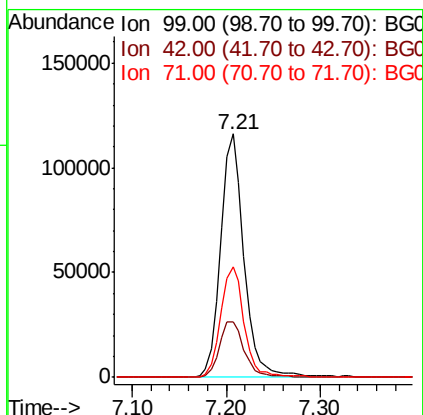
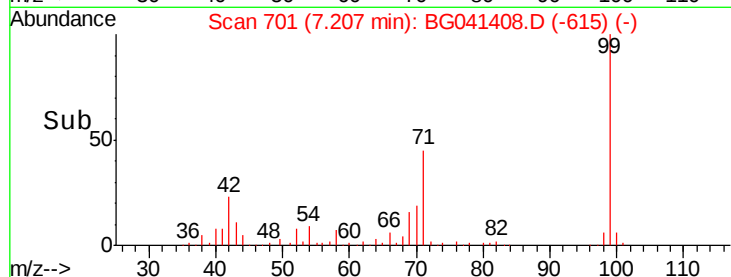
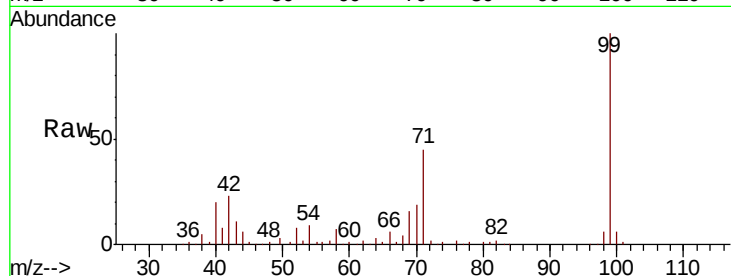
Tot Ion: 99 Resp: 202007

Ion Ratio Lower Upper

99 100

42 22.9 19.9 29.9

71 45.4 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041408.D

Acq: 22 Jun 2019 18:14

Tgt Ion: 136 Resp: 91602

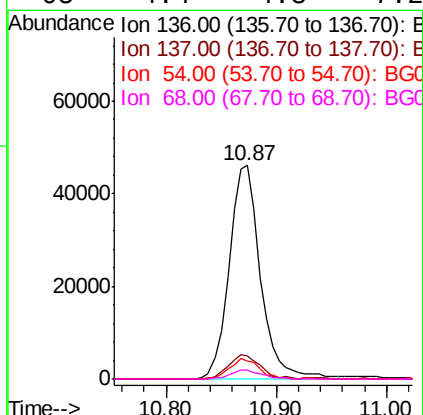
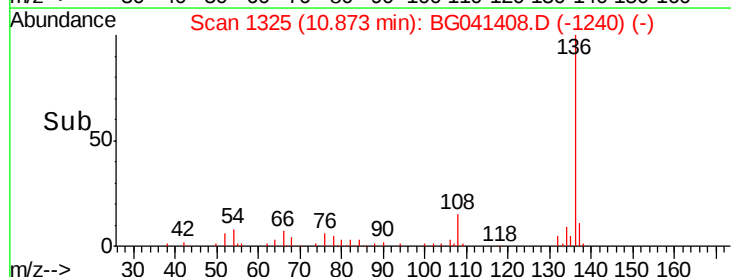
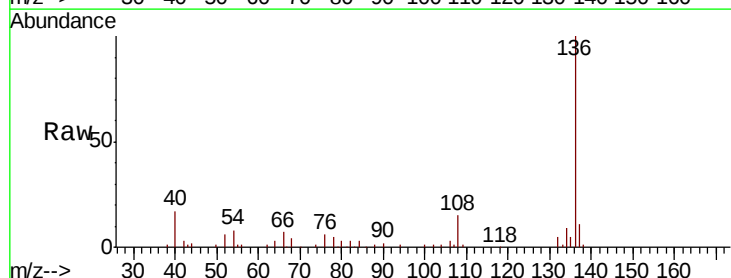
Ion Ratio Lower Upper

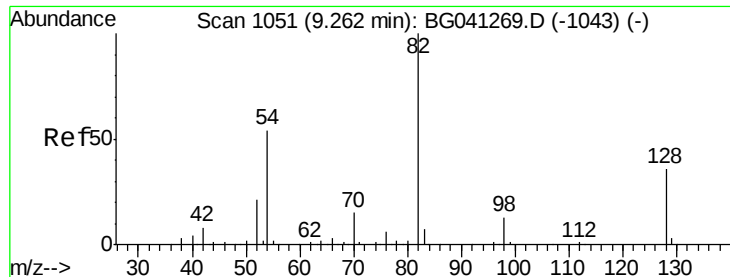
136 100

137 11.0 8.8 13.2

54 8.1 6.4 9.6

68 4.4 4.8 7.2#

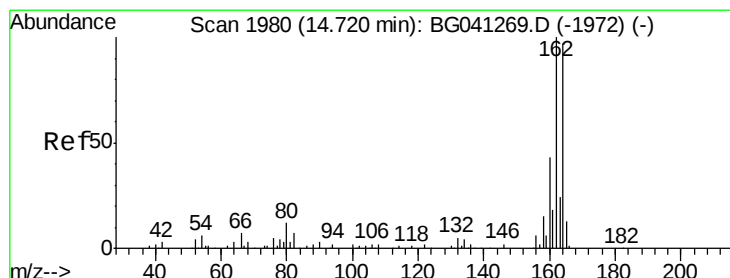
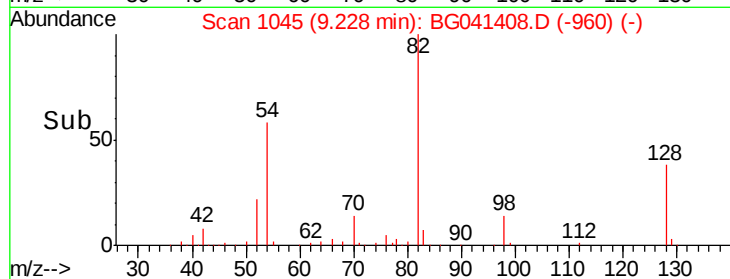
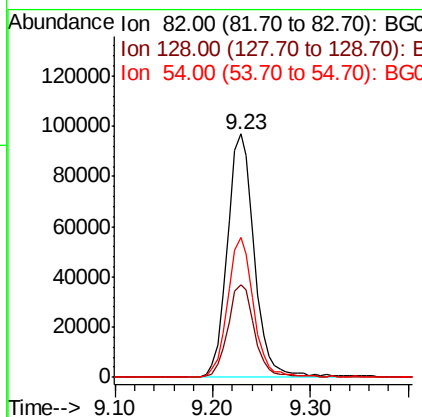
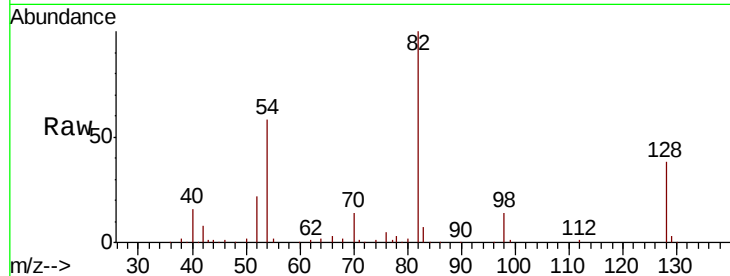




#23
 Nitrobenzene-d5
 Concen: 85.038 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041408.D
 Acq: 22 Jun 2019 18:14

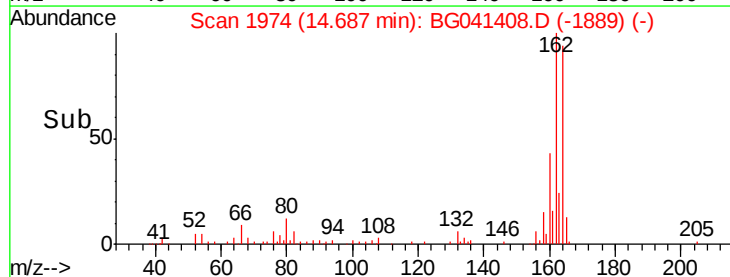
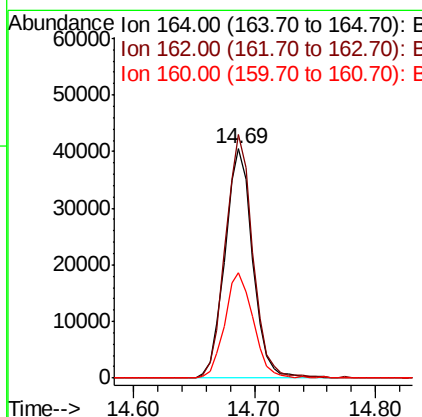
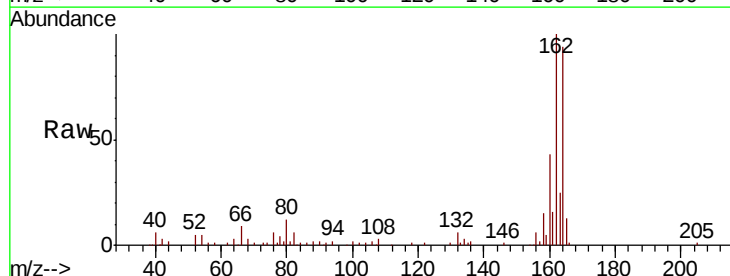
Instrument :
 BNA_G
 ClientSampleId :
 20190612-LOC-11

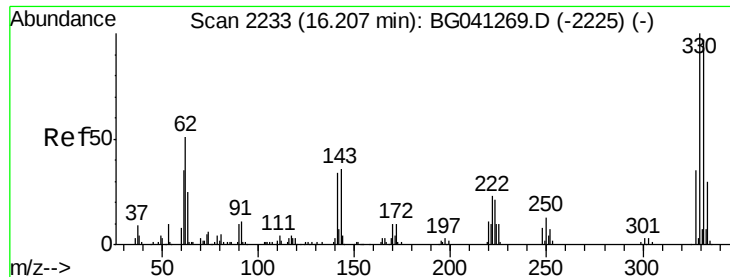
Tot Ion	82	Resp	185219
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.2	43.8
54	57.6	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041408.D
 Acq: 22 Jun 2019 18:14

Tgt Ion	164	Resp	64578
Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.8	124.2
160	46.0	35.8	53.8

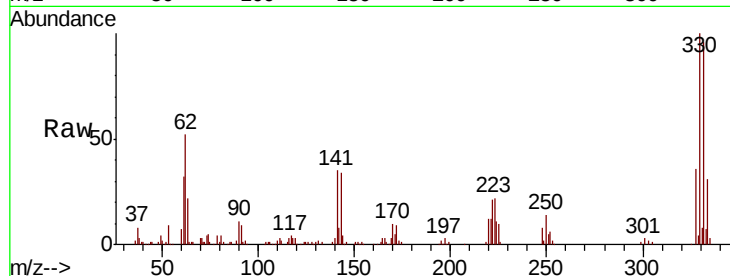




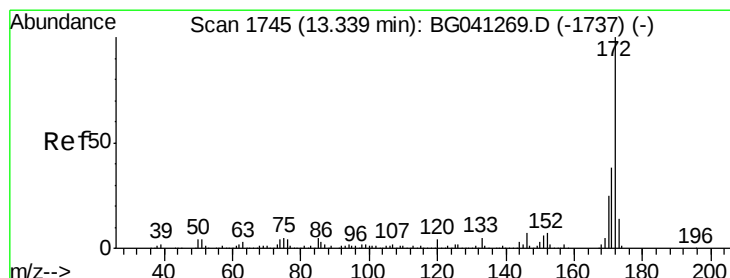
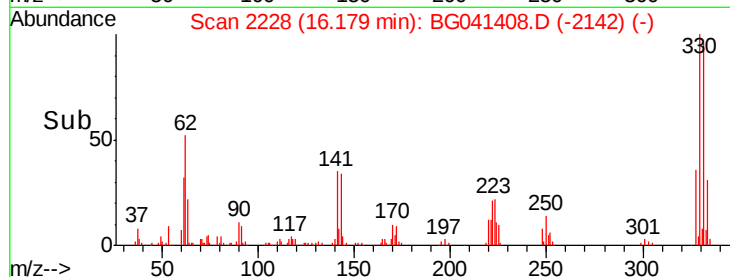
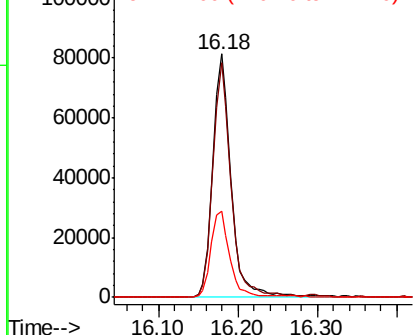
#42
 2,4,6-Tribromophenol
 Concen: 132.322 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.03 min
 Lab File: BG041408.D
 Acq: 22 Jun 2019 18:14

Instrument :
 BNA_G
 ClientSampleId :
 20190612-LOC-11

Tot Ion:330 Resp: 131186
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.5 113.3
 141 36.1 29.0 43.4

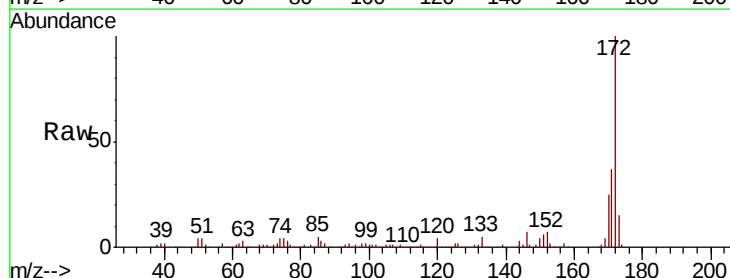


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

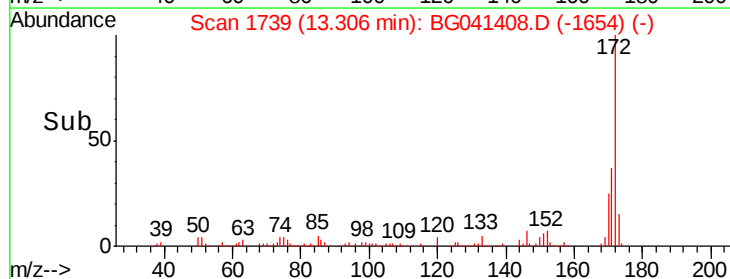
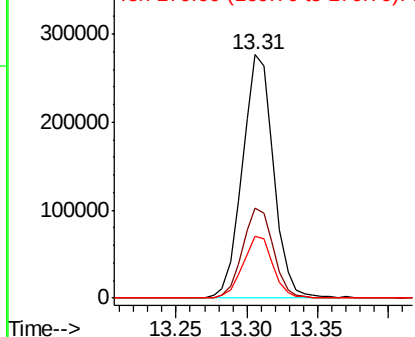


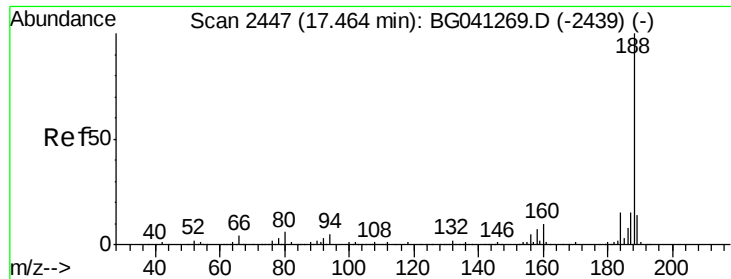
#45
 2-Fluorobiphenyl
 Concen: 89.693 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041408.D
 Acq: 22 Jun 2019 18:14

Tgt Ion:172 Resp: 426163
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 25.2 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

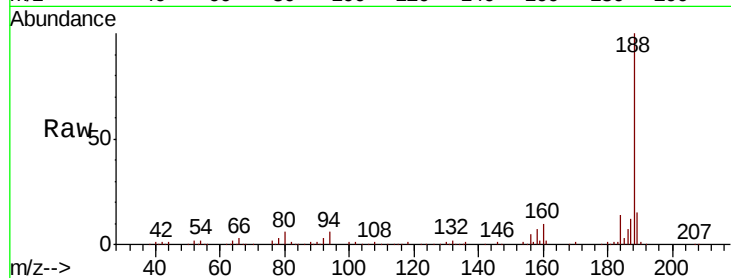




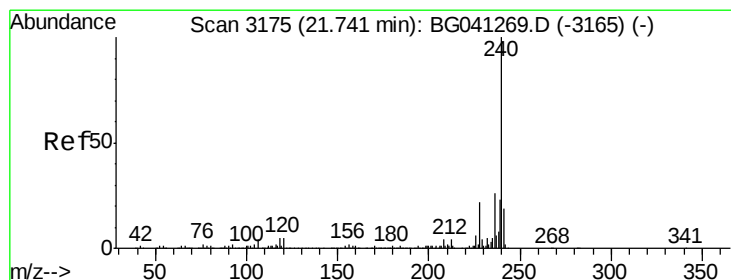
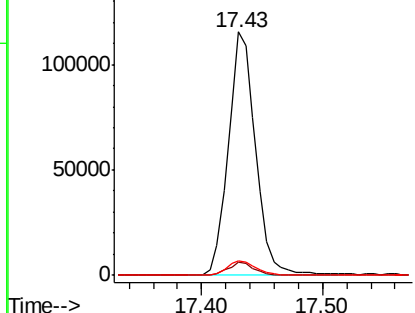
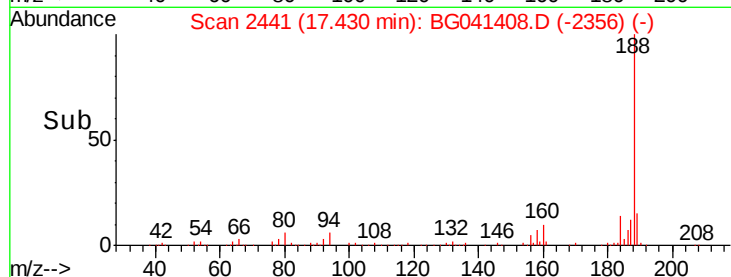
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041408.D
Acq: 22 Jun 2019 18:14

Instrument :
BNA_G
ClientSampleId :
20190612-LOC-11

Tot Ion:188 Resp: 180493
Ion Ratio Lower Upper
188 100
94 5.6 3.6 5.4#
80 5.8 4.8 7.2

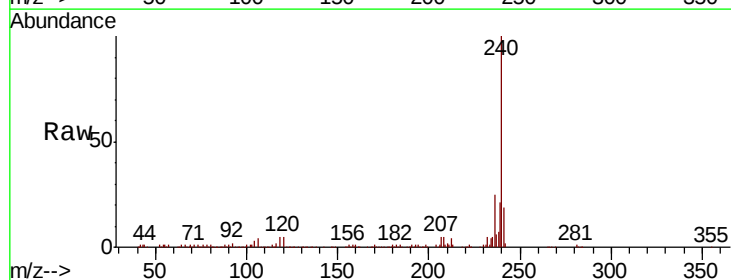


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

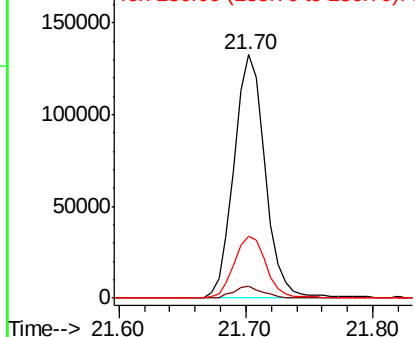
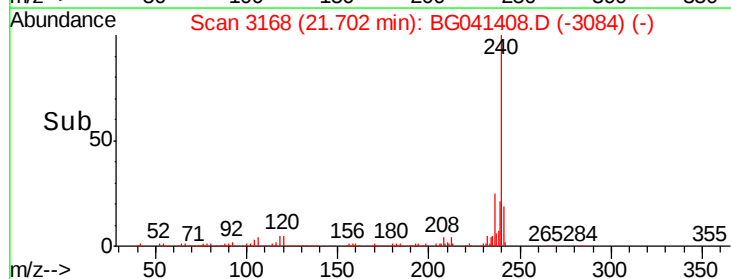


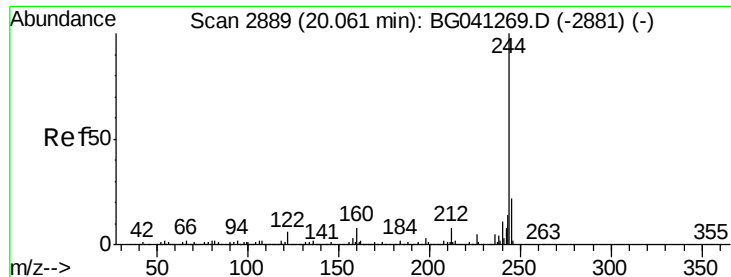
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041408.D
Acq: 22 Jun 2019 18:14

Tgt Ion:240 Resp: 225100
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 25.3 21.1 31.7



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: 88.981 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041408.D

Acq: 22 Jun 2019 18:14

Instrument :

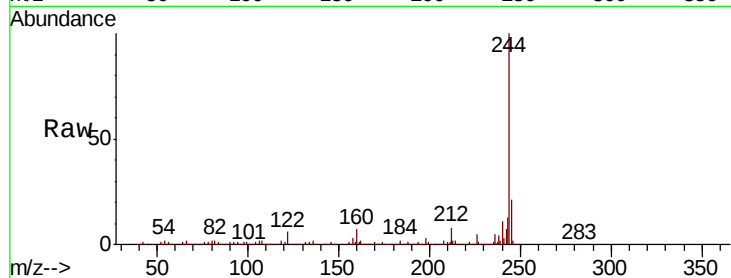
BNA_G

ClientSampleId :

20190612-LOC-11

Tot Ion:244 Resp: 1010687

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.1	5.0	7.4

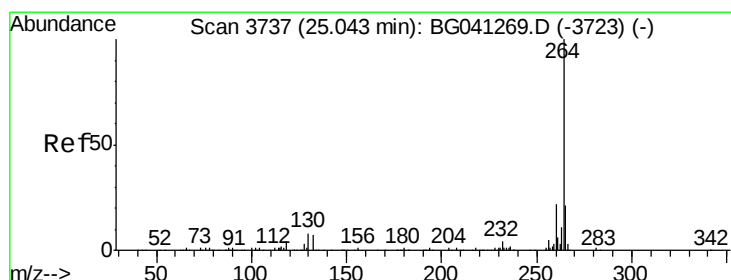
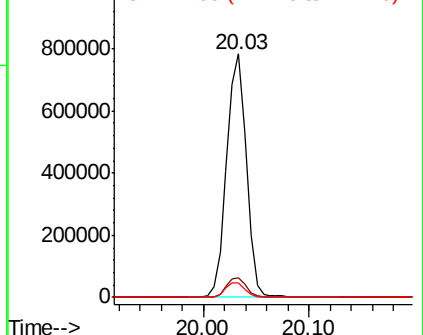
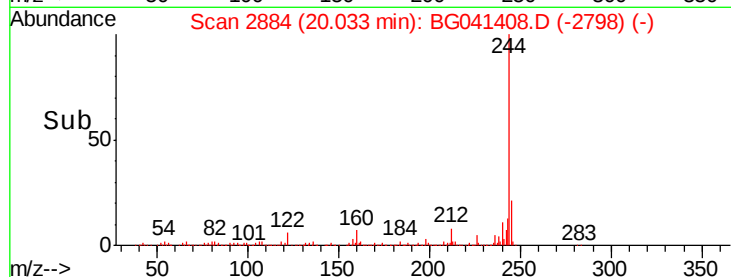


Abundance

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: 24.99 min Scan# 3727

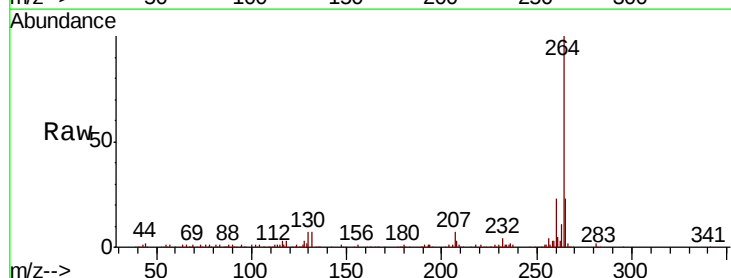
Delta R.T. -0.06 min

Lab File: BG041408.D

Acq: 22 Jun 2019 18:14

Tgt Ion:264 Resp: 241730

Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

