

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041285.D
 Acq On : 18 Jun 2019 00:07
 Operator : HP/JU
 Sample : K3154-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-B

Quant Time: Jun 18 08:09:50 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	8.09	152	38258	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	144513	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	105021	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	256364	20.00	ng	0.00
76) Chrysene-d12	21.74	240	256773	20.00	ng	0.00
87) Perylene-d12	25.04	264	270099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	266365	127.93	ng	0.00
7) Phenol-d6	7.24	99	325889	107.98	ng	0.00
23) Nitrobenzene-d5	9.26	82	332293	96.70	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	232441	144.17	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	762822	98.72	ng	0.00
79) Terphenyl-d14	20.06	244	1284931	99.17	ng	0.00

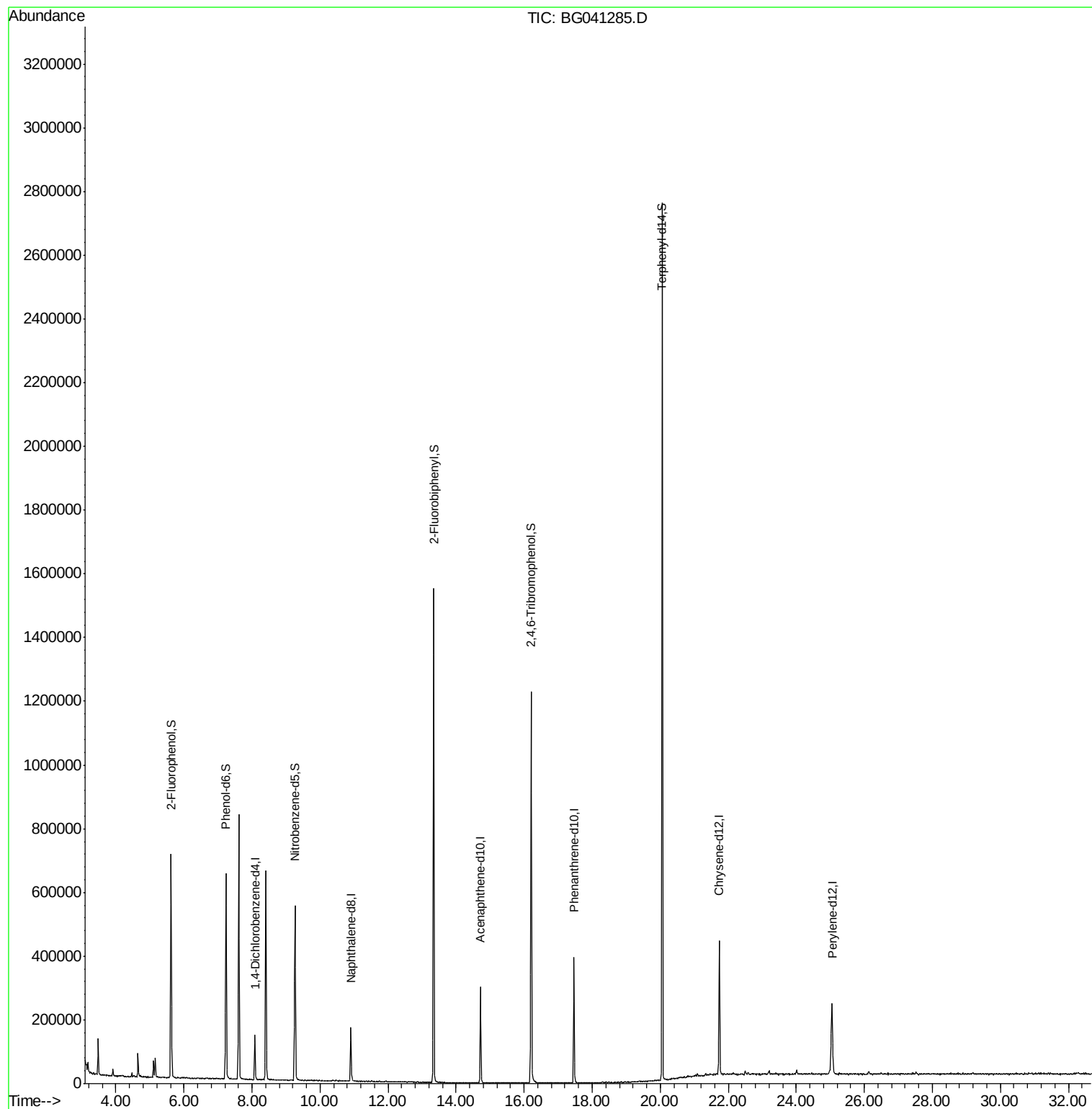
Target Compounds Qvalue

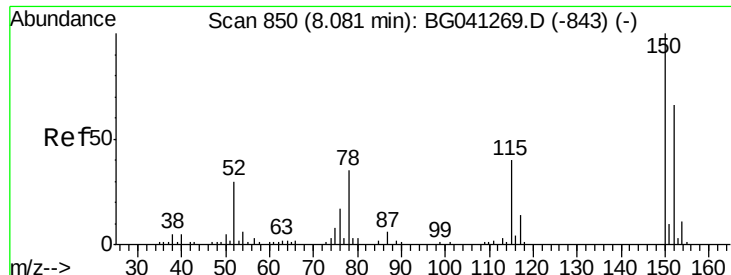
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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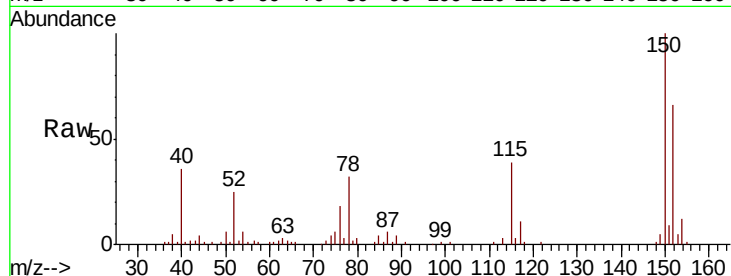


#1

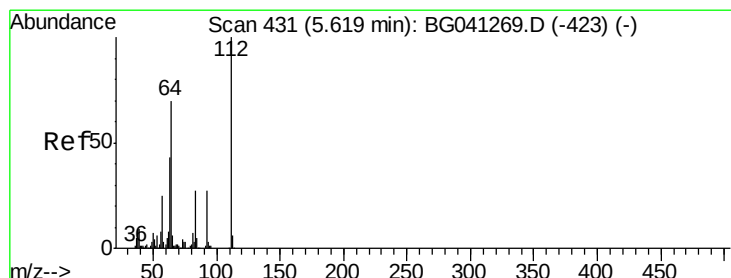
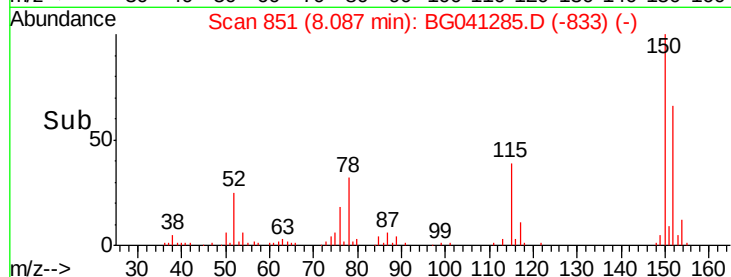
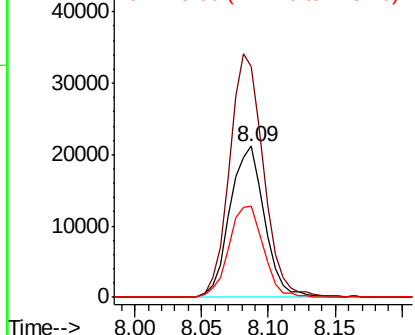
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-B

Tot Ion:152 Resp: 38258
Ion Ratio Lower Upper
152 100
150 152.5 120.6 181.0
115 60.2 47.9 71.9



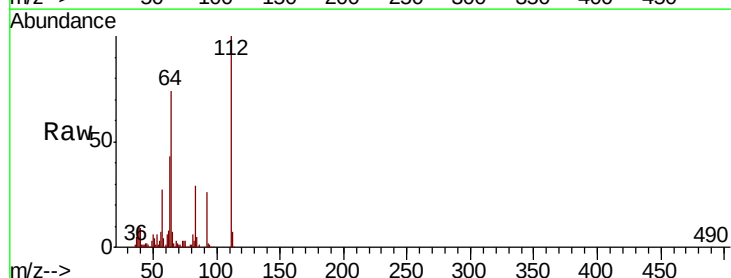
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



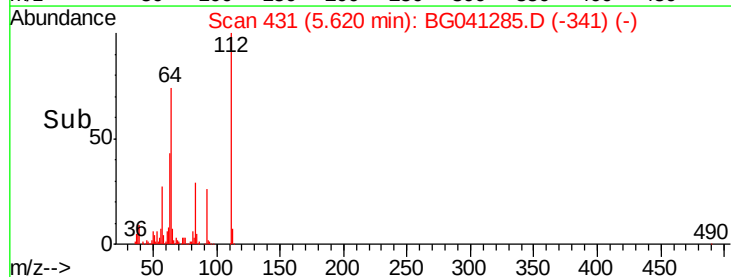
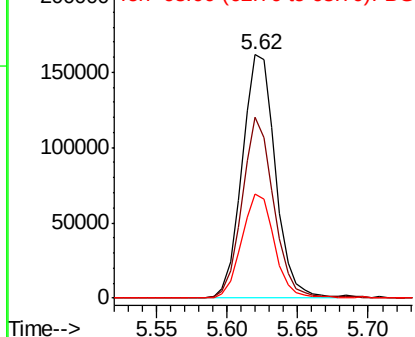
#5

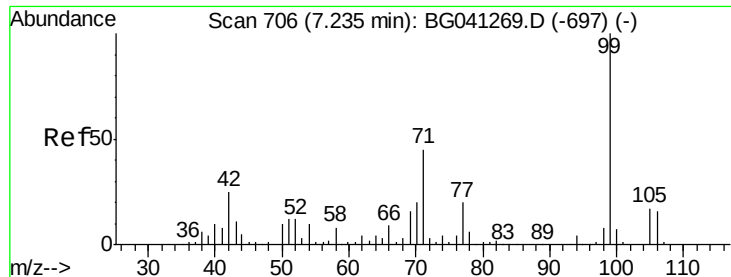
2-Fluorophenol
Concen: 127.927 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Tgt Ion:112 Resp: 266365
Ion Ratio Lower Upper
112 100
64 74.1 55.9 83.9
63 42.9 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: 107.978 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-B

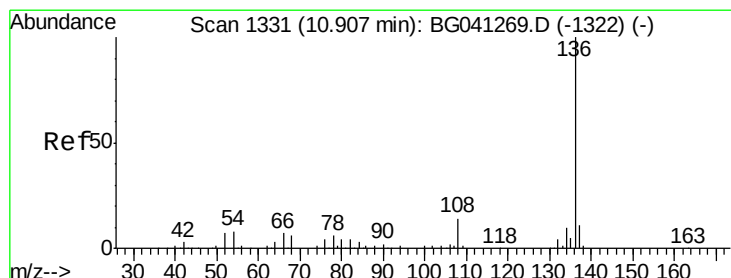
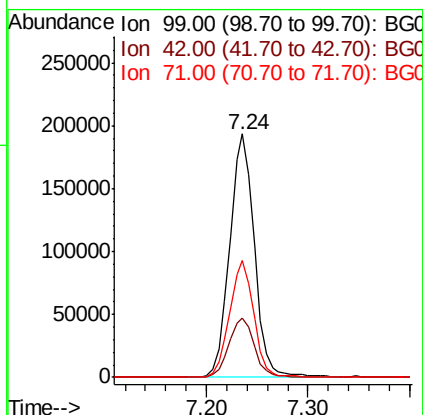
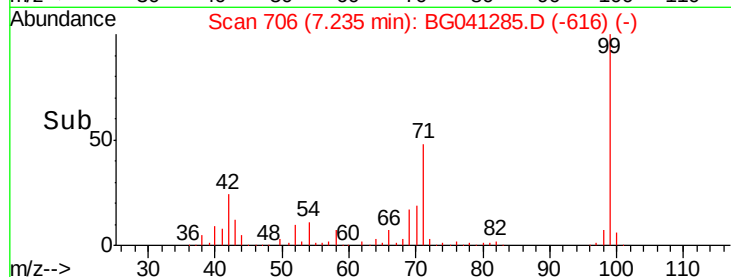
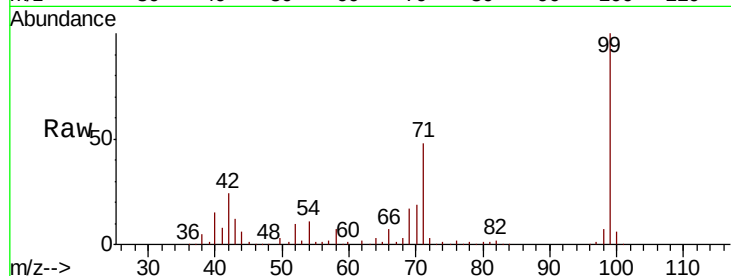
Tot Ion: 99 Resp: 325889

Ion Ratio Lower Upper

99 100

42 24.4 19.9 29.9

71 47.9 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Tgt Ion: 136 Resp: 144513

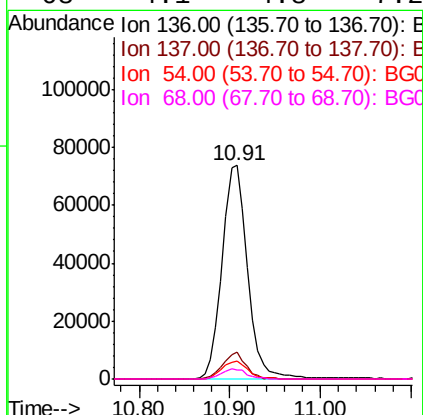
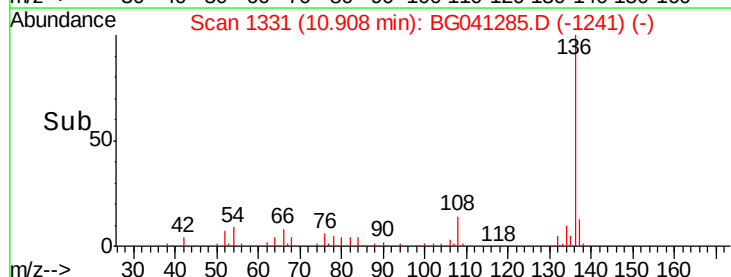
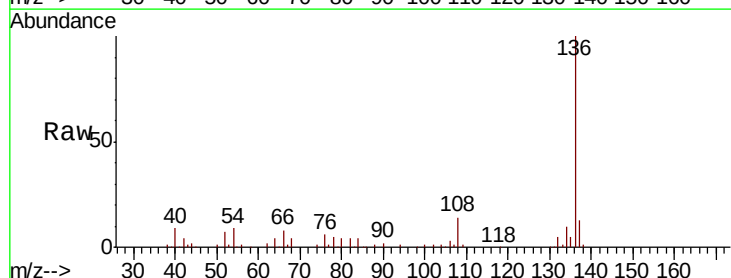
Ion Ratio Lower Upper

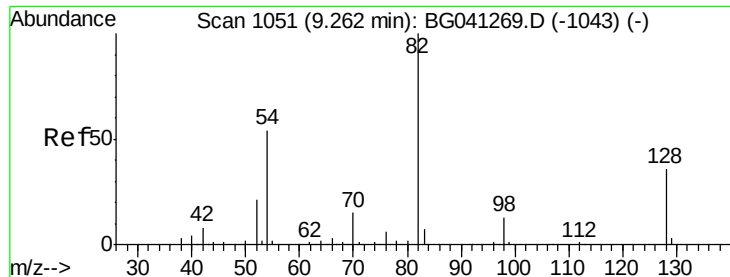
136 100

137 12.9 8.8 13.2

54 8.5 6.4 9.6

68 4.1 4.8 7.2#

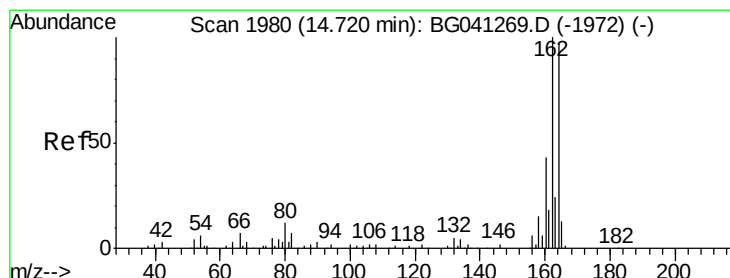
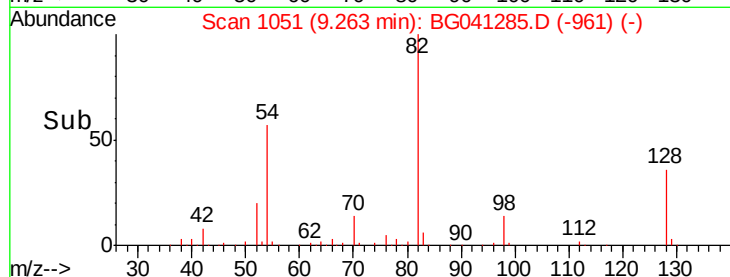
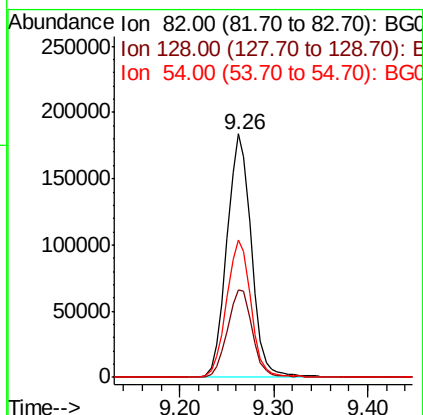
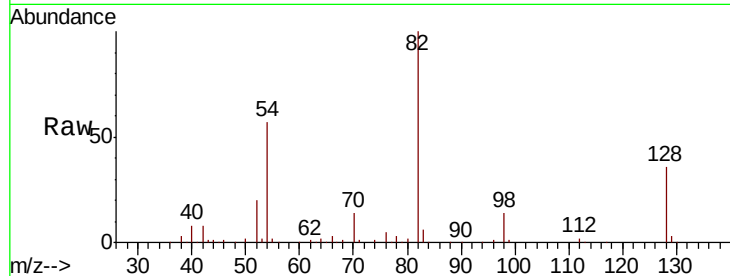




#23
 Nitrobenzene-d5
 Concen: 96.704 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

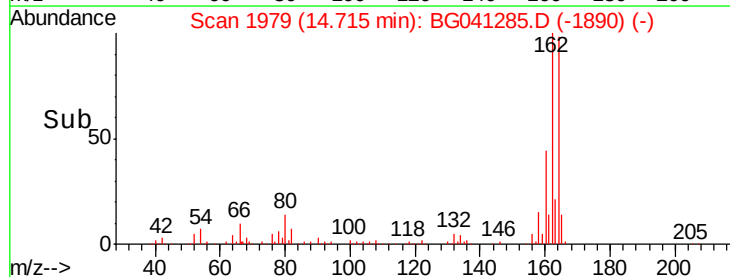
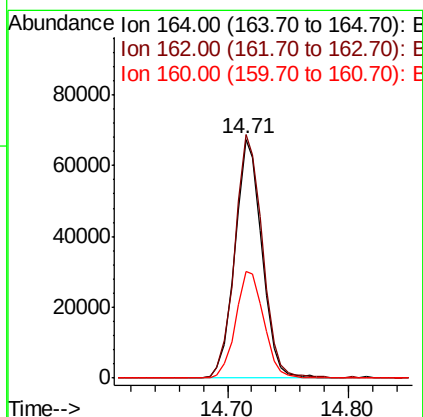
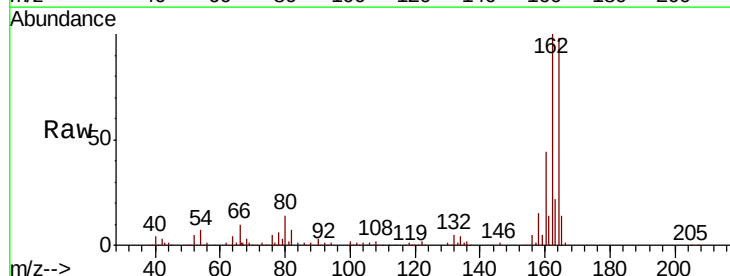
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-B

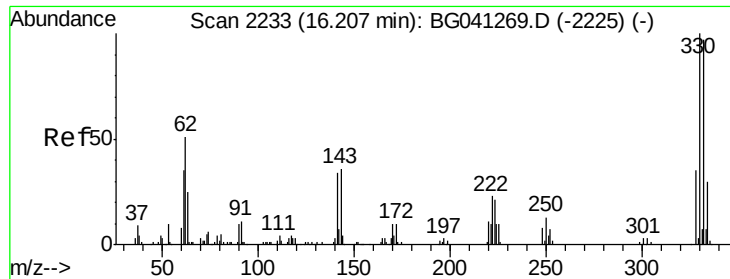
Tot Ion	82	Resp	332293
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.2	43.8
54	56.6	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

Tgt Ion	164	Resp	105021
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.8	124.2
160	44.5	35.8	53.8

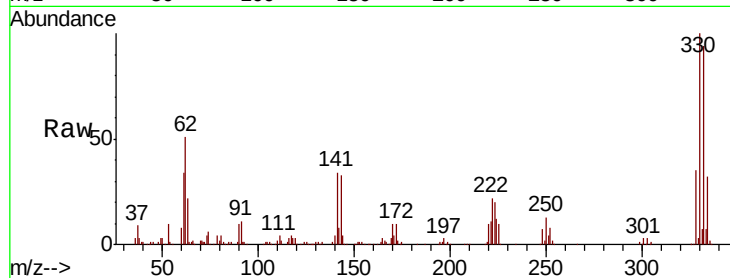




#42
 2,4,6-Tribromophenol
 Concen: 144.167 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	36.7	29.0	43.4

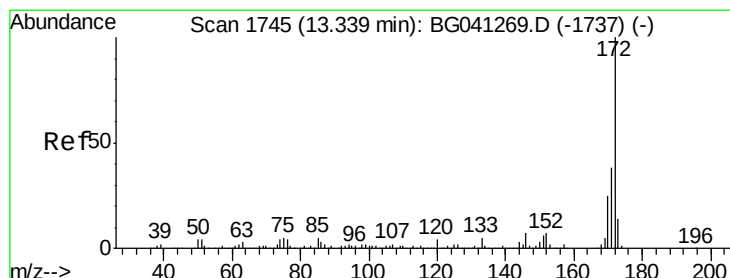
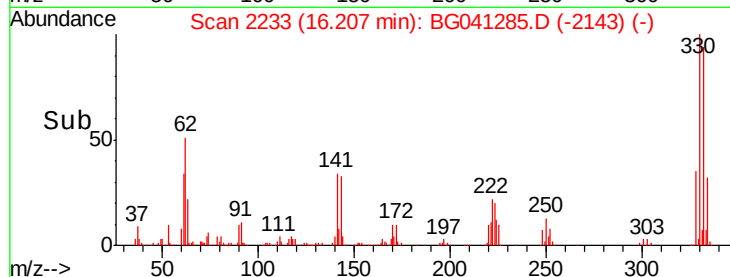
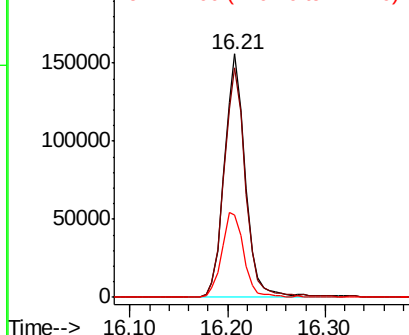


Abundance

Ion 329.80 (329.50 to 330.50): E

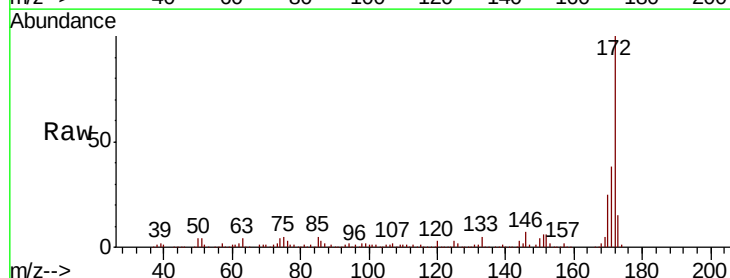
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.723 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.0	19.8	29.6

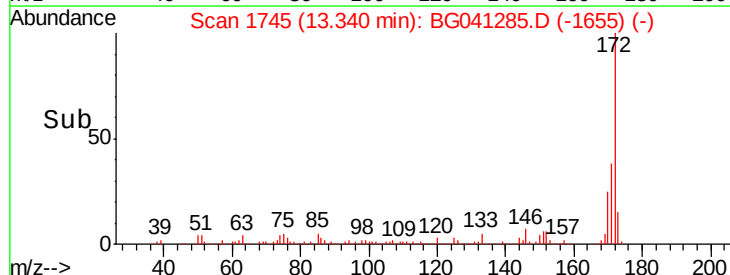
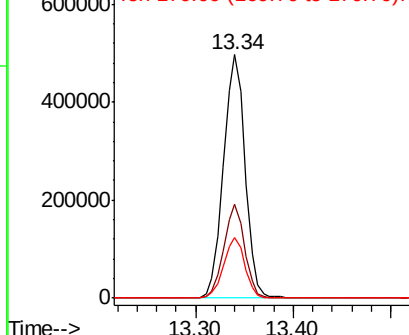


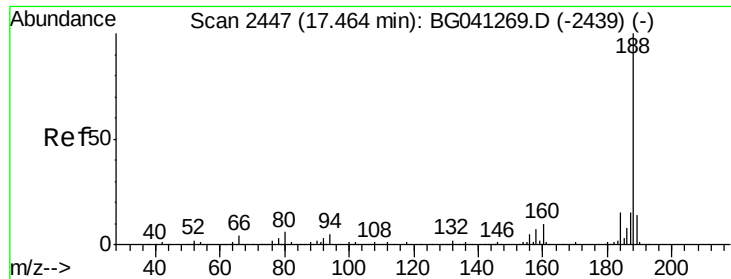
Abundance

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

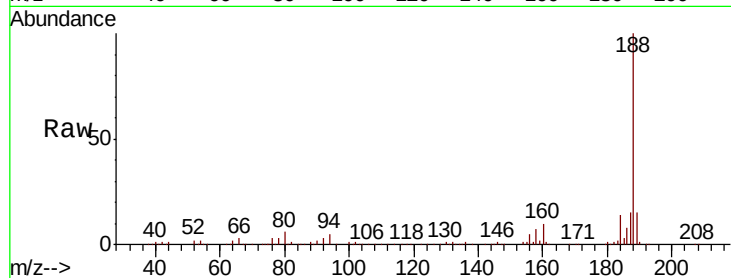




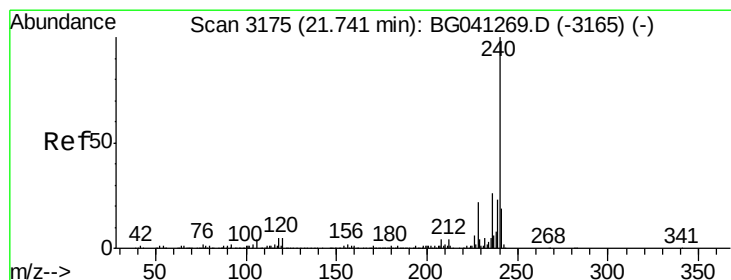
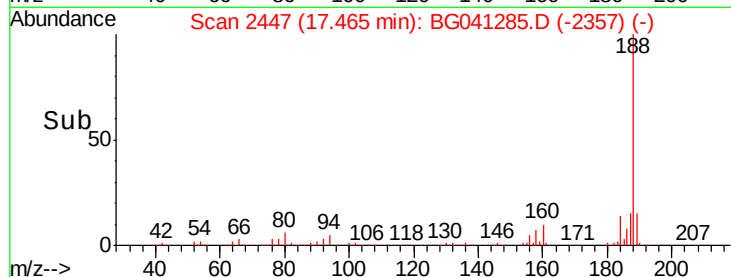
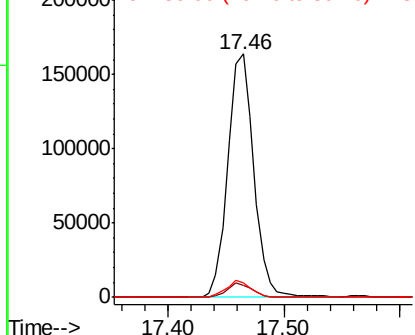
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-B

Tot Ion:188 Resp: 256364
Ion Ratio Lower Upper
188 100
94 5.1 3.6 5.4
80 6.0 4.8 7.2

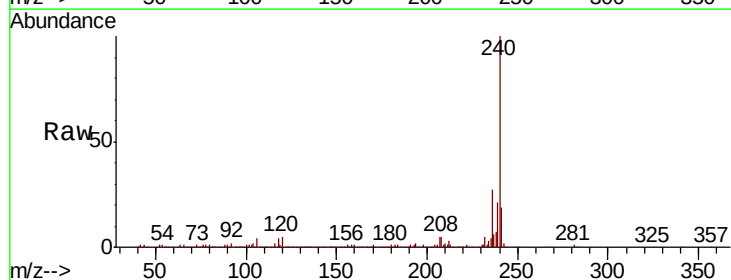


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

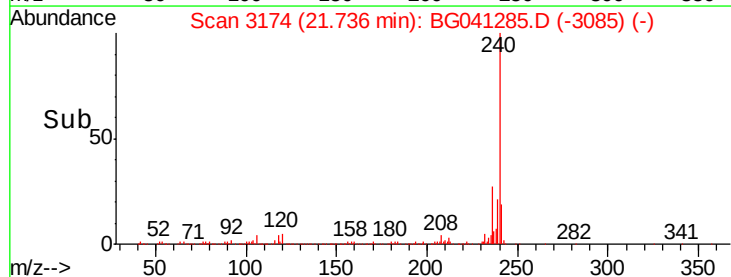
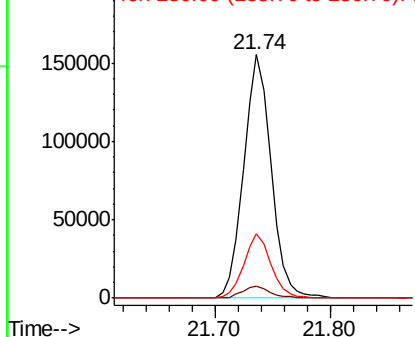


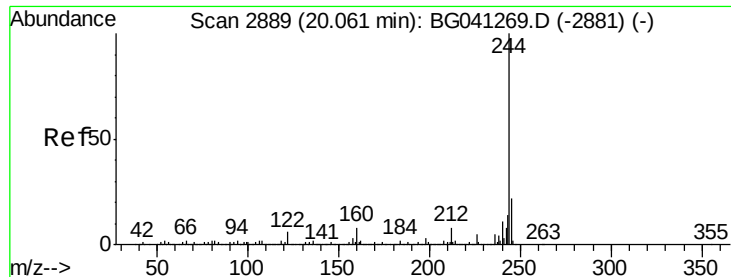
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Tgt Ion:240 Resp: 256773
Ion Ratio Lower Upper
240 100
120 4.7 3.7 5.5
236 26.6 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: 99.172 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-B

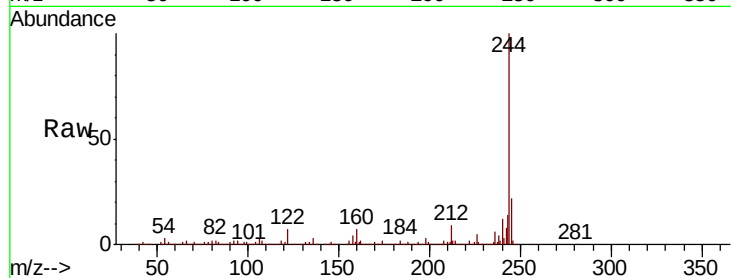
Tot Ion:244 Resp: 1284931

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

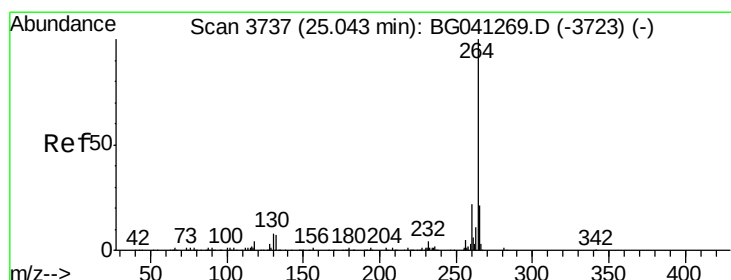
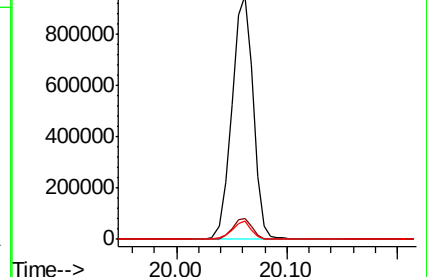
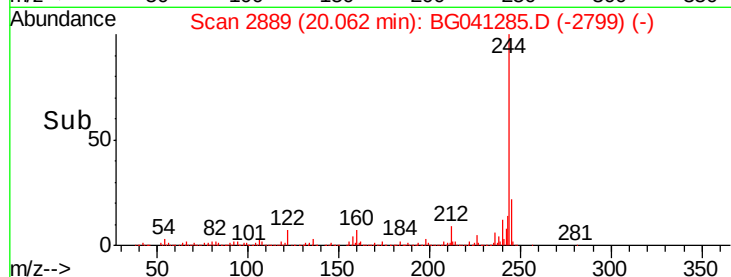
122 7.3 5.0 7.4



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: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

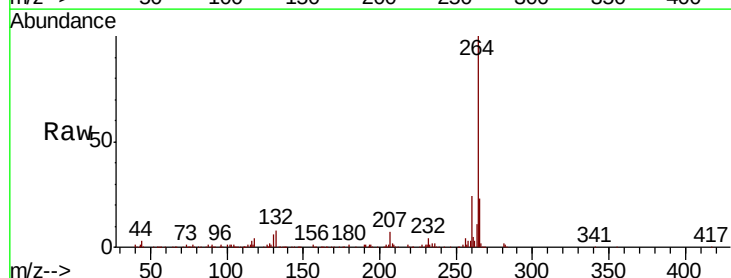
Tgt Ion:264 Resp: 270099

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.2

265 23.1 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

