

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041450.D
 Acq On : 25 Jun 2019 19:02
 Operator : HP/JU
 Sample : K3511-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jun 26 04:55:59 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	8.04	152	28629	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	101206	20.00	ng	-0.05
39) Acenaphthene-d10	14.68	164	69363	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	186252	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	204160	20.00	ng	-0.04
87) Perylene-d12	24.98	264	215467	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	198974	127.70	ng	-0.04
7) Phenol-d6	7.20	99	257341	113.94	ng	-0.03
23) Nitrobenzene-d5	9.22	82	222496	92.46	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	150647	141.47	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	501581	98.28	ng	-0.04
79) Terphenyl-d14	20.03	244	1048699	101.80	ng	-0.03

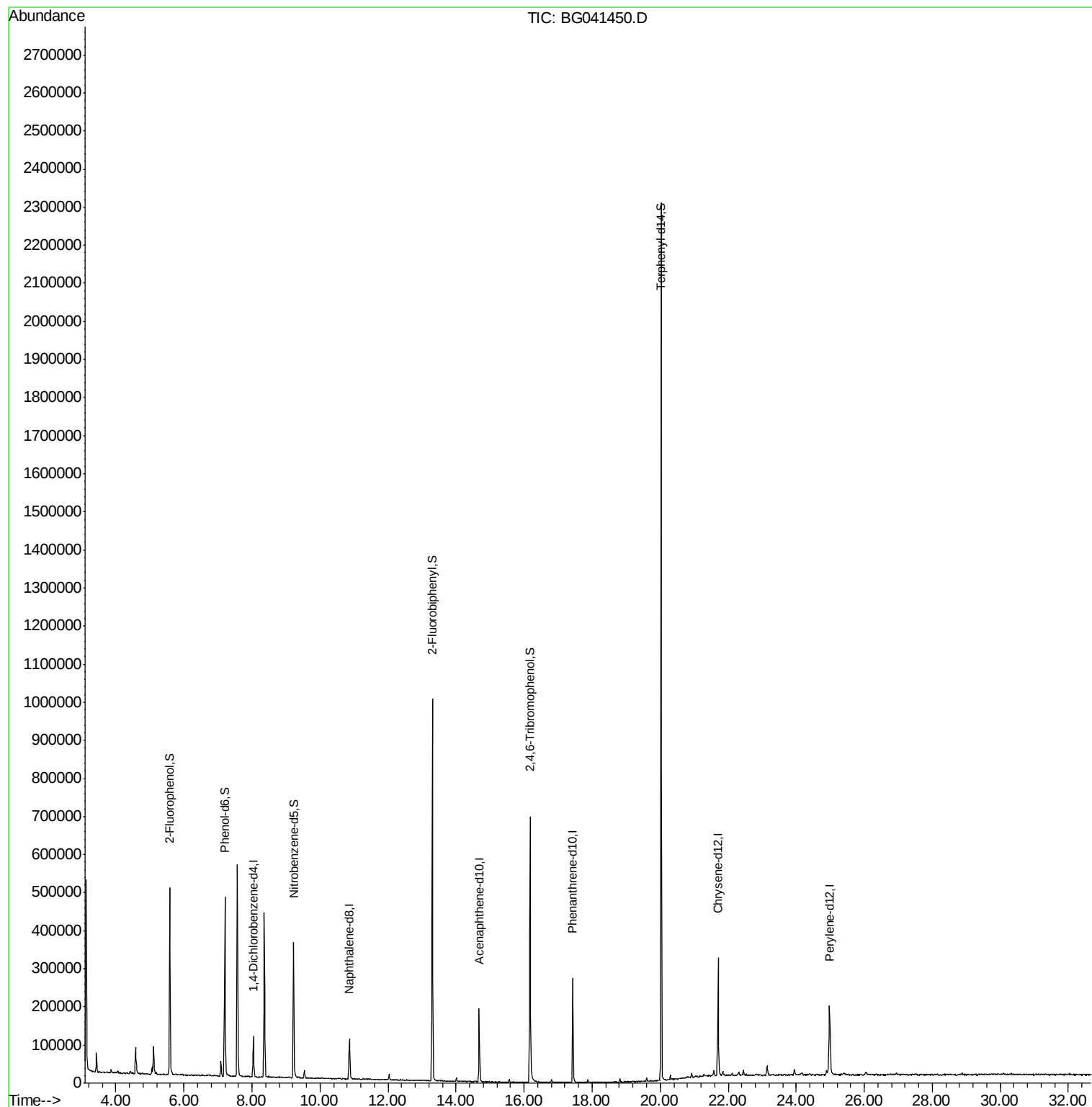
Target Compounds Qvalue

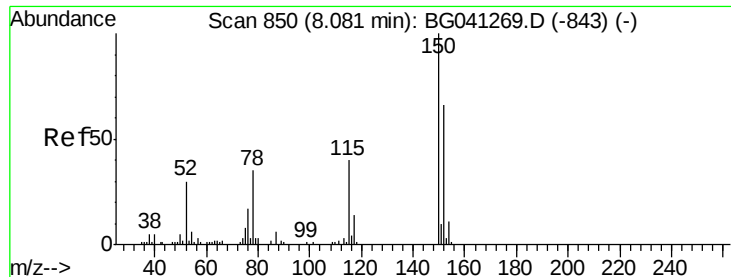
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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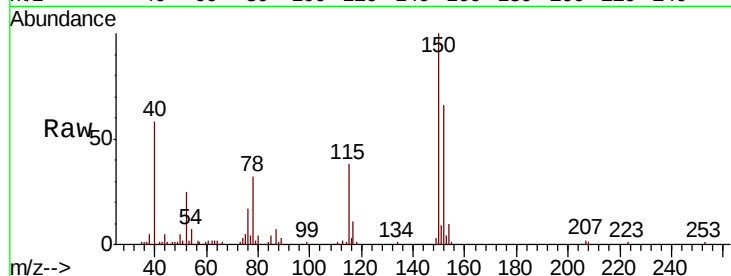


#1

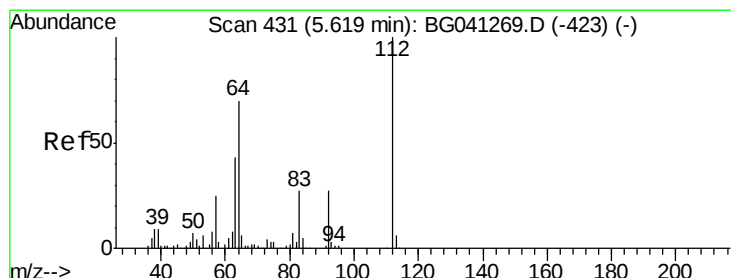
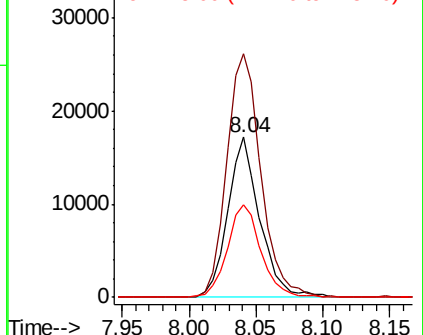
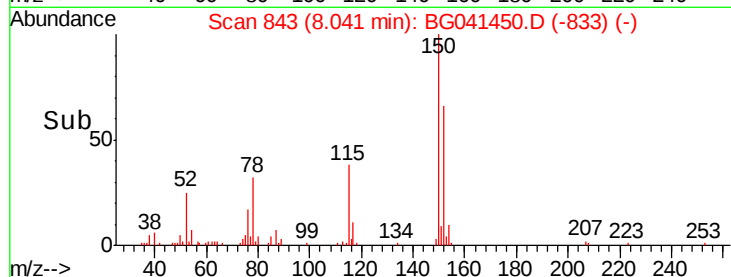
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041450.D
Acq: 25 Jun 2019 19:02

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 28629
Ion Ratio Lower Upper
152 100
150 151.8 120.6 181.0
115 57.9 47.9 71.9



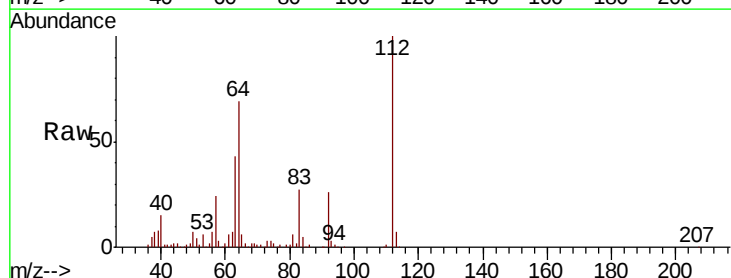
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



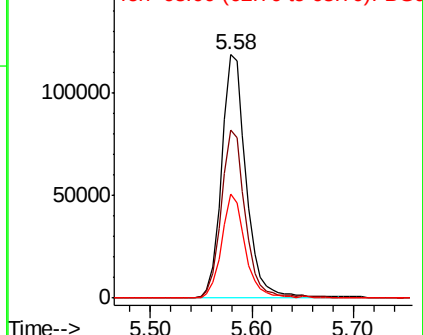
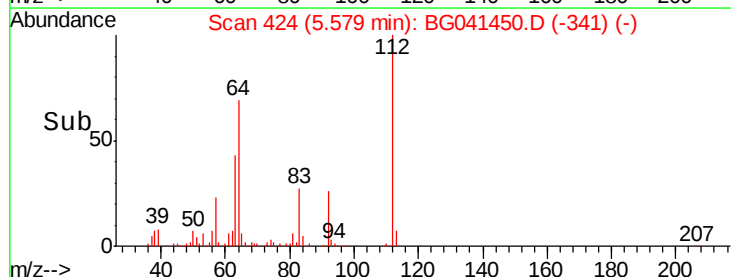
#5

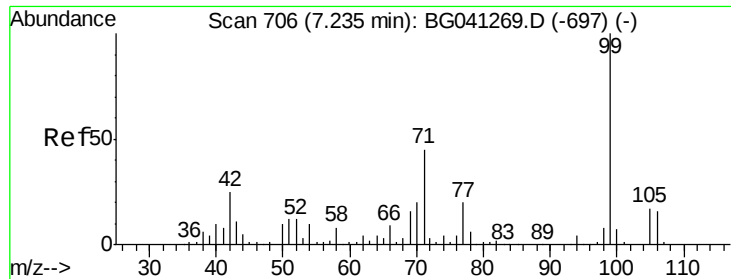
2-Fluorophenol
Concen: 127.702 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041450.D
Acq: 25 Jun 2019 19:02

Tgt Ion:112 Resp: 198974
Ion Ratio Lower Upper
112 100
64 69.2 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: 113.943 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041450.D

Acq: 25 Jun 2019 19:02

Instrument :

BNA_G

ClientSampleId :

COMP-1

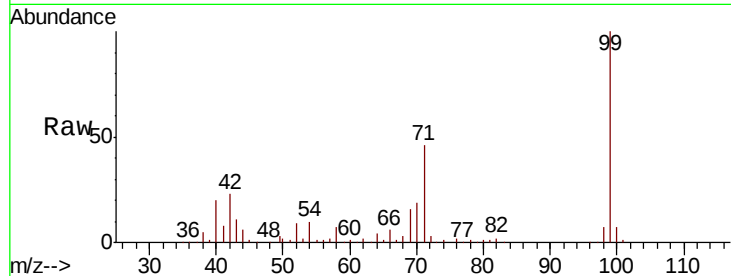
Tot Ion: 99 Resp: 257341

Ion Ratio Lower Upper

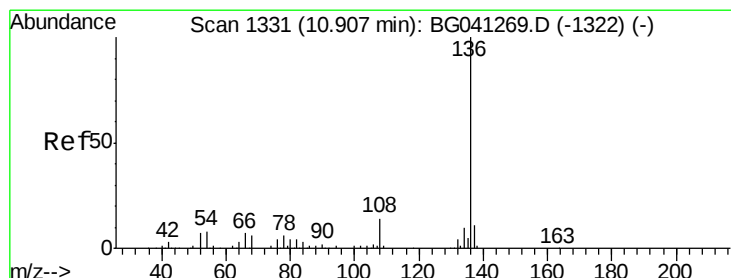
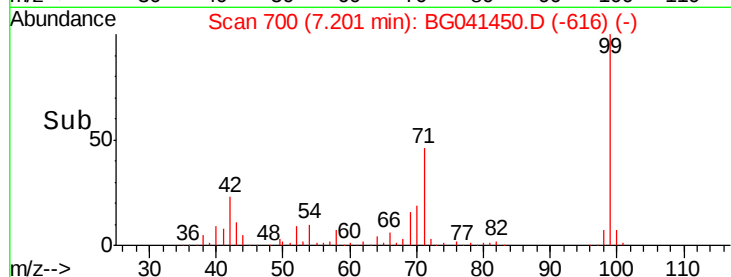
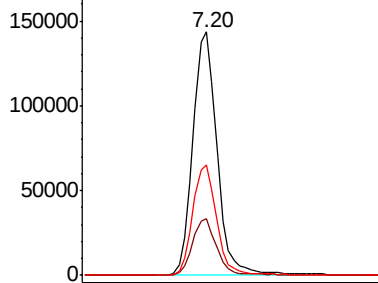
99 100

42 23.5 19.9 29.9

71 45.6 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: 10.86 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BG041450.D

Acq: 25 Jun 2019 19:02

Tgt Ion: 136 Resp: 101206

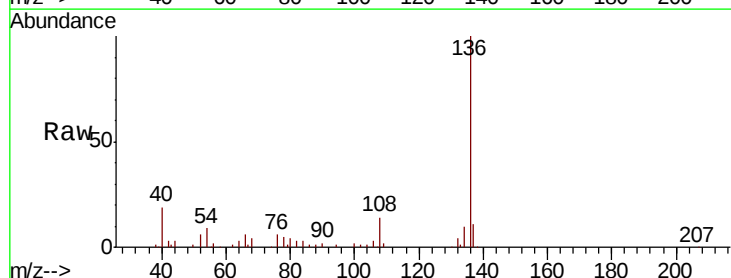
Ion Ratio Lower Upper

136 100

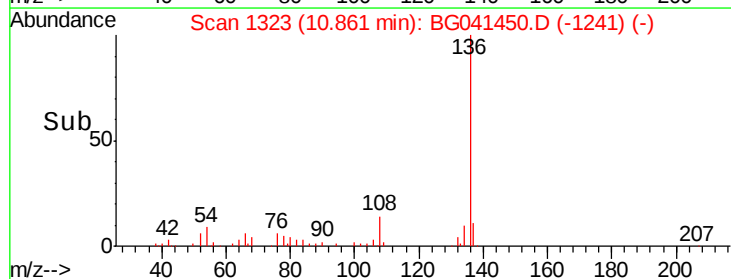
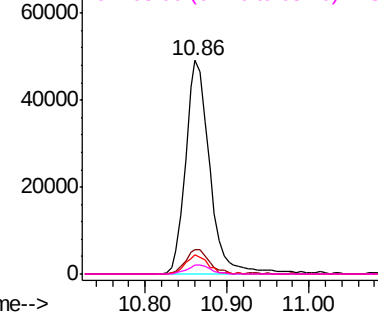
137 11.2 8.8 13.2

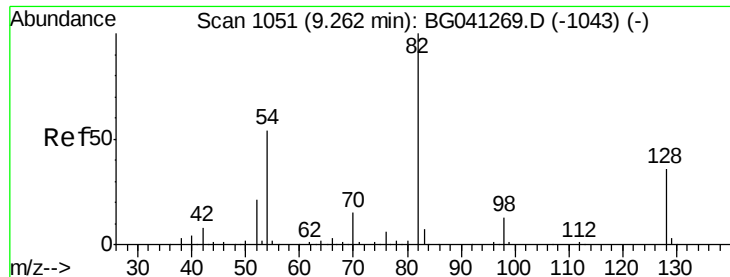
54 8.9 6.4 9.6

68 4.4 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

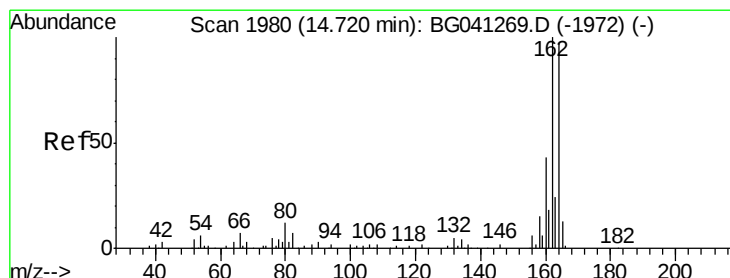
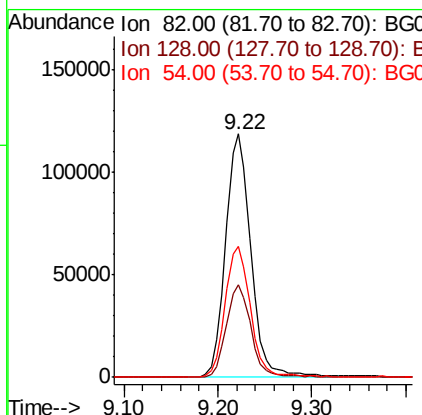
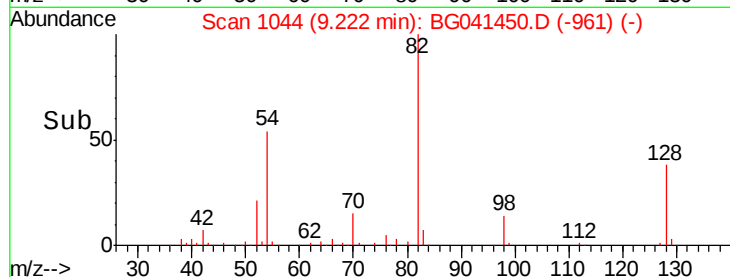
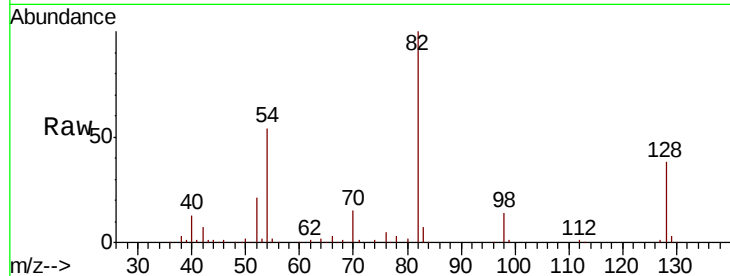




#23
Nitrobenzene-d5
Concen: 92.458 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041450.D
Acq: 25 Jun 2019 19:02

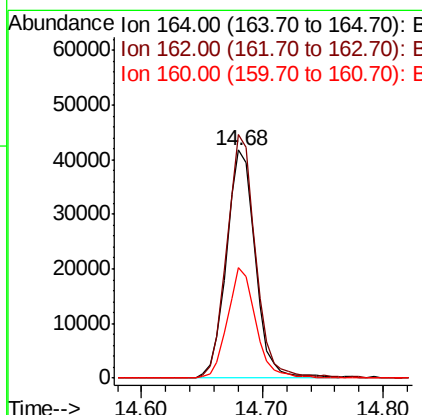
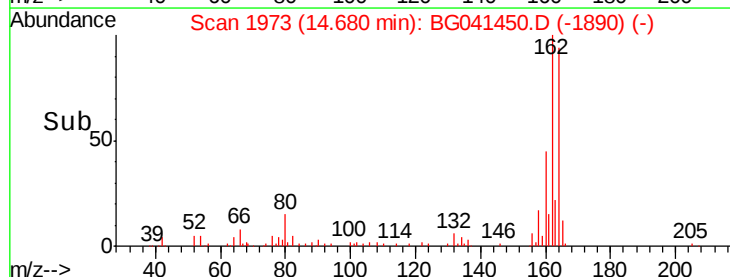
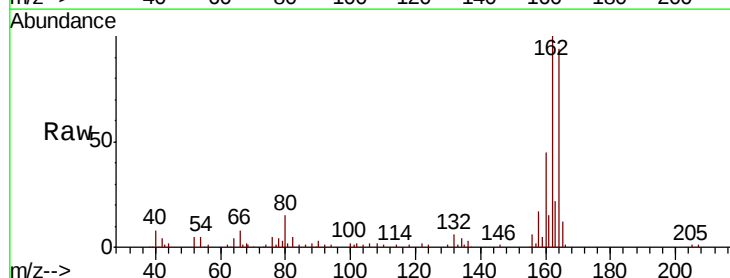
Instrument :
BNA_G
ClientSampleId :
COMP-1

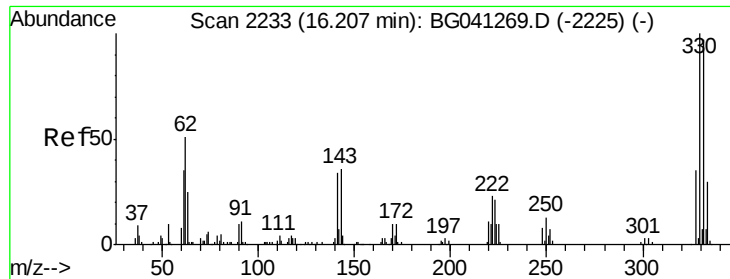
Tot Ion: 82 Resp: 222496
Ion Ratio Lower Upper
82 100
128 38.1 29.2 43.8
54 53.7 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041450.D
Acq: 25 Jun 2019 19:02

Tgt Ion:164 Resp: 69363
Ion Ratio Lower Upper
164 100
162 106.8 82.8 124.2
160 48.2 35.8 53.8

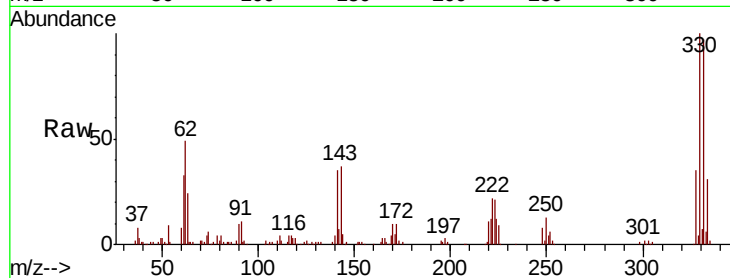




#42
 2,4,6-Tribromophenol
 Concen: 141.469 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BG041450.D
 Acq: 25 Jun 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.5	113.3
141	36.5	29.0	43.4

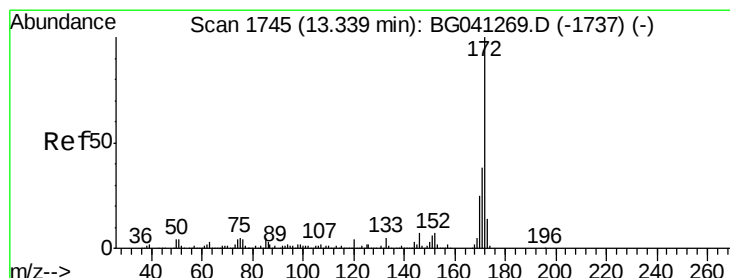
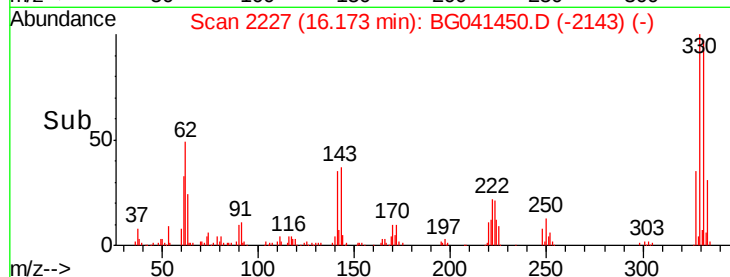
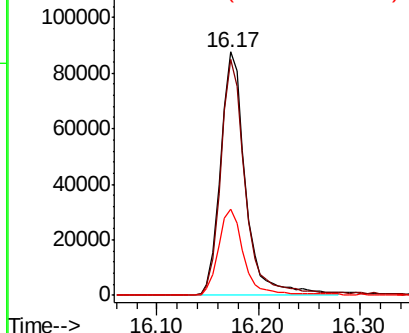


Abundance

Ion 329.80 (329.50 to 330.50): E

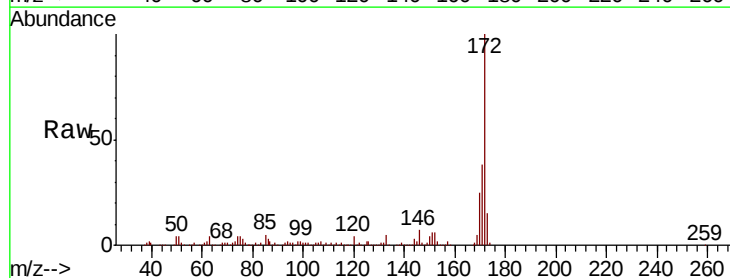
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.284 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.04 min
 Lab File: BG041450.D
 Acq: 25 Jun 2019 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.8	19.8	29.6

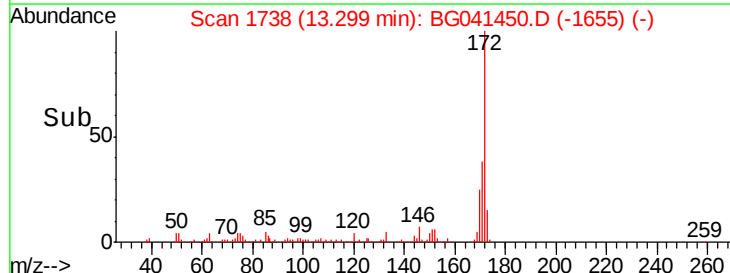
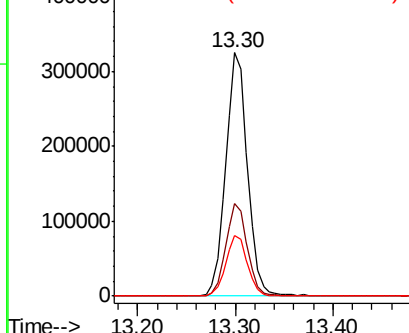


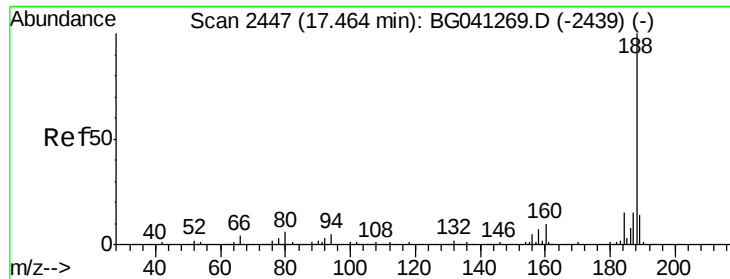
Abundance

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: BG041450.D

Acq: 25 Jun 2019 19:02

Instrument :

BNA_G

ClientSampleId :

COMP-1

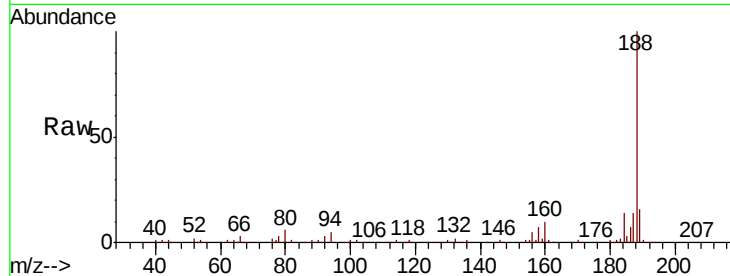
Tot Ion:188 Resp: 186252

Ion Ratio Lower Upper

188 100

94 5.3 3.6 5.4

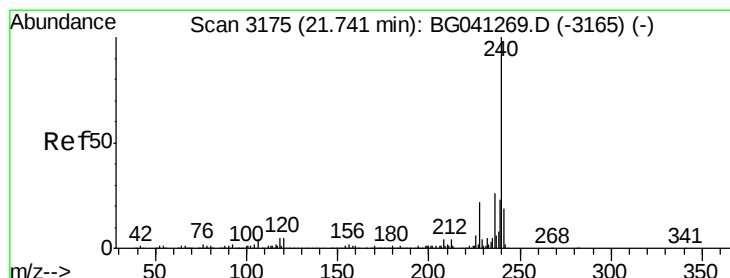
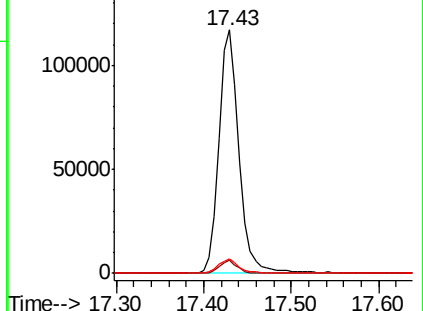
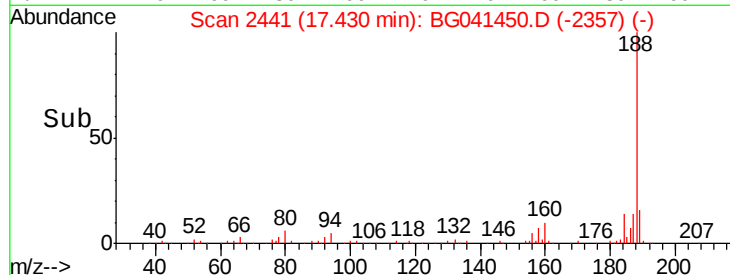
80 5.8 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041450.D

Acq: 25 Jun 2019 19:02

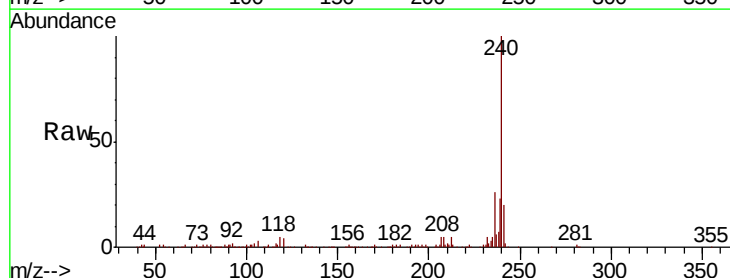
Tgt Ion:240 Resp: 204160

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

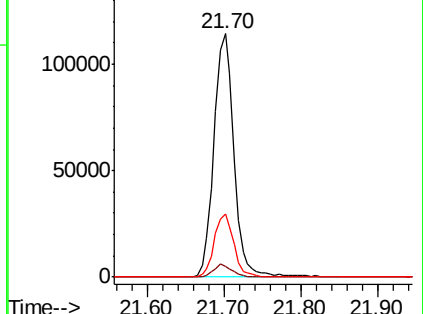
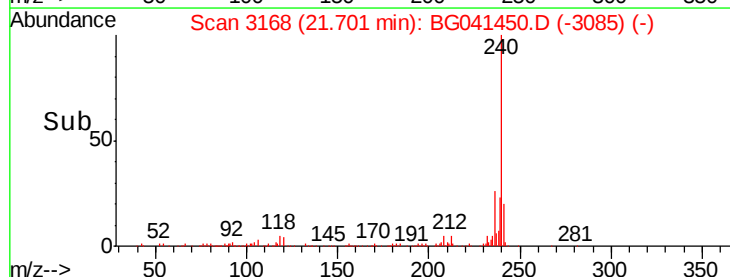
236 25.9 21.1 31.7

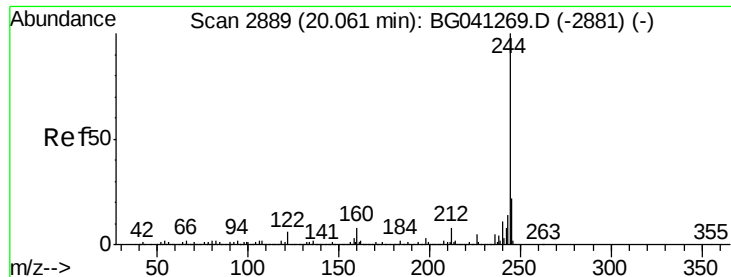


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.798 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041450.D

Acq: 25 Jun 2019 19:02

Instrument :

BNA_G

ClientSampled :

COMP-1

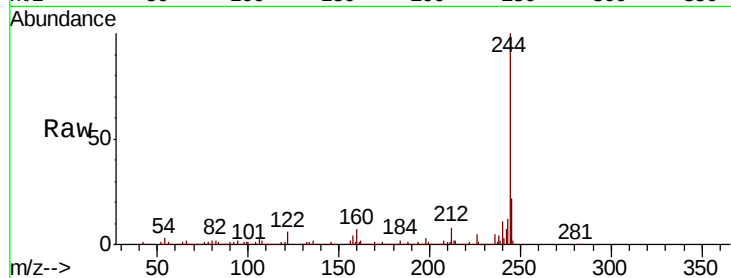
Tot Ion:244 Resp: 1048699

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	6.3	5.0	7.4

244 100

212 8.1 6.6 10.0

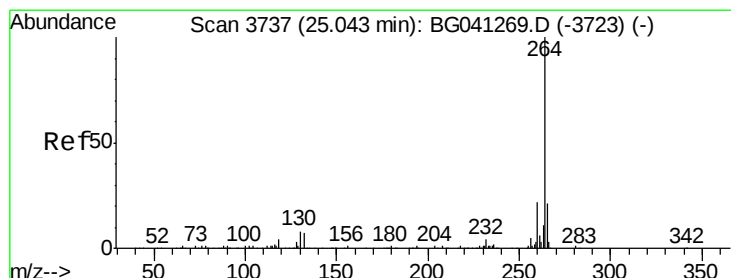
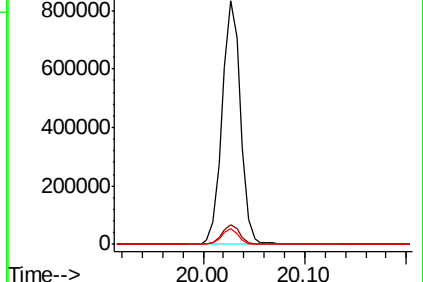
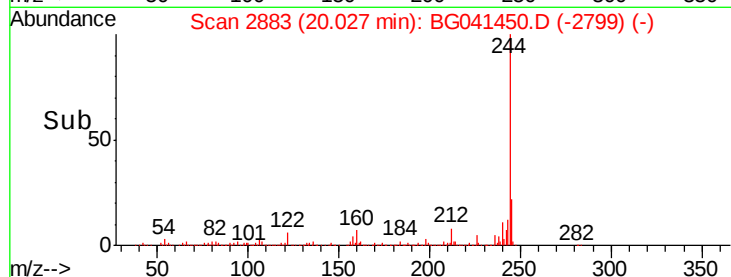
122 6.3 5.0 7.4



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: 24.98 min Scan# 3726

Delta R.T. -0.06 min

Lab File: BG041450.D

Acq: 25 Jun 2019 19:02

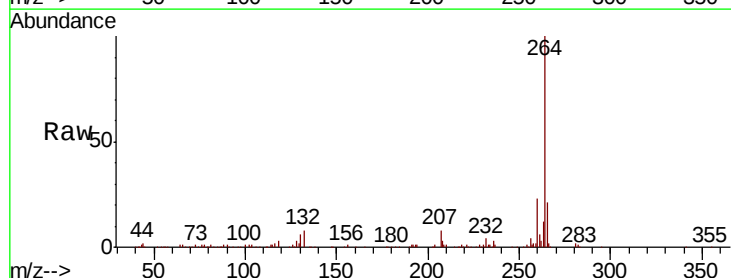
Tgt Ion:264 Resp: 215467

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.2
265	20.8	17.2	25.8

264 100

260 22.8 17.4 26.2

265 20.8 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

