

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041457.D
 Acq On : 25 Jun 2019 23:28
 Operator : HP/JU
 Sample : K3512-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7

Quant Time: Jun 26 05:09:27 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	33569	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	113175	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	79455	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	207761	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	214707	20.00	ng	-0.04
87) Perylene-d12	24.98	264	229046	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	226575	124.02	ng	-0.04
7) Phenol-d6	7.20	99	284963	107.61	ng	-0.03
23) Nitrobenzene-d5	9.22	82	258736	96.15	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	175446	143.83	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	583825	99.87	ng	-0.04
79) Terphenyl-d14	20.03	244	1128271	104.14	ng	-0.03

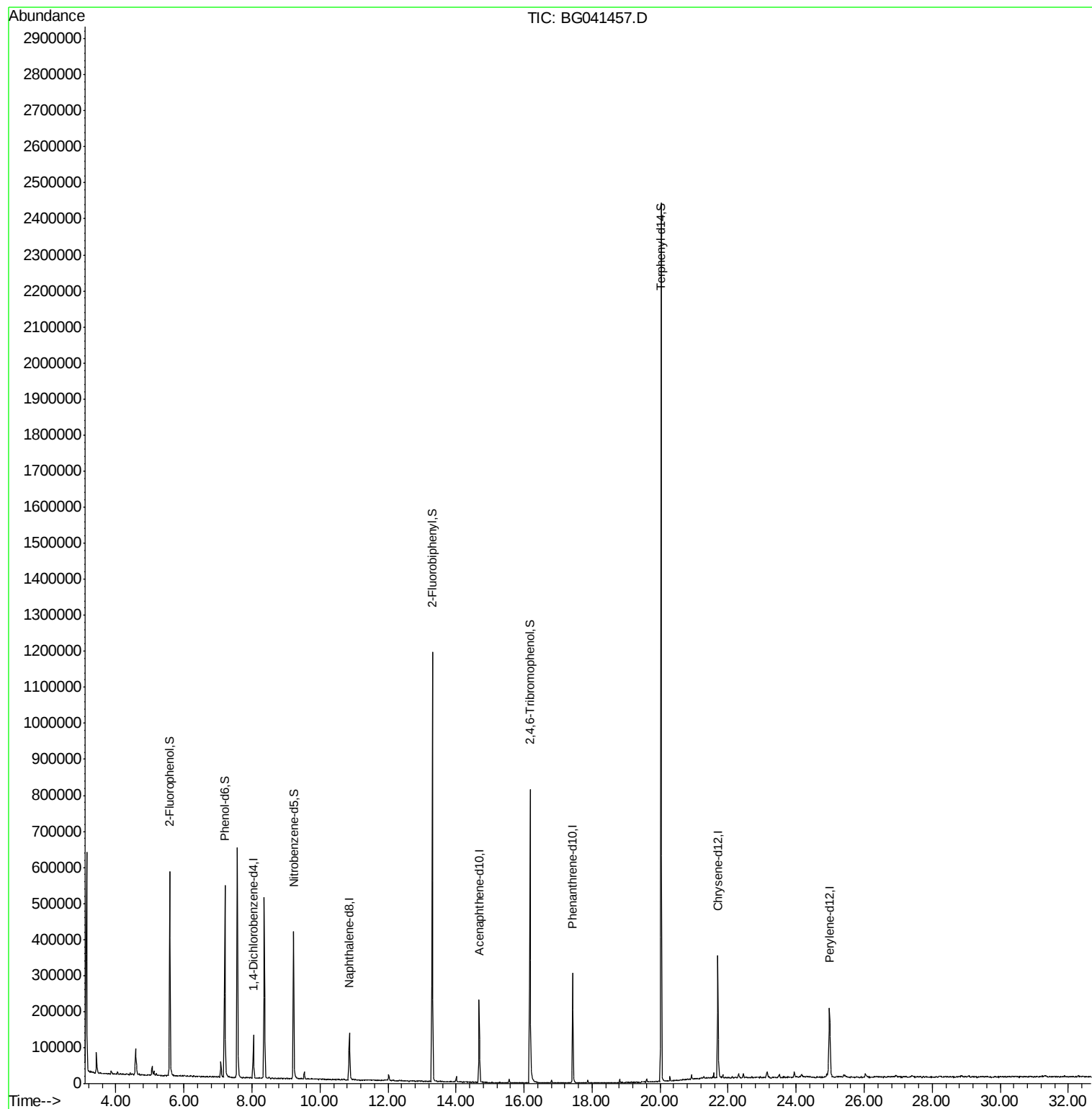
Target Compounds Qvalue

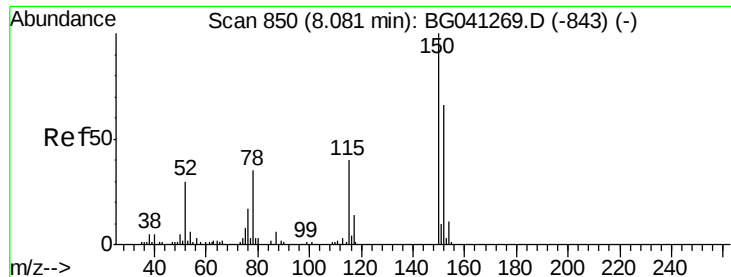
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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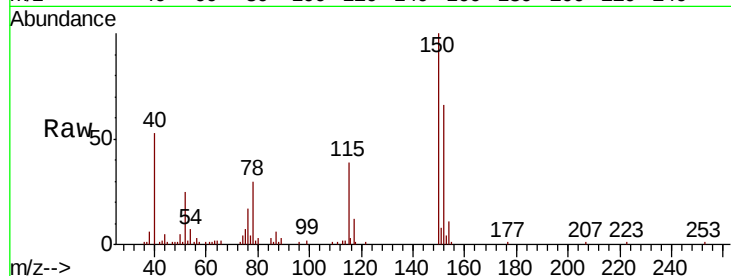


#1

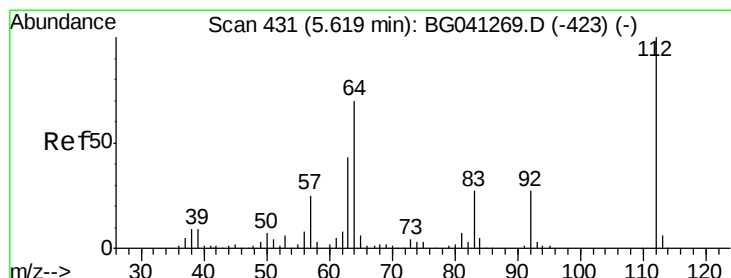
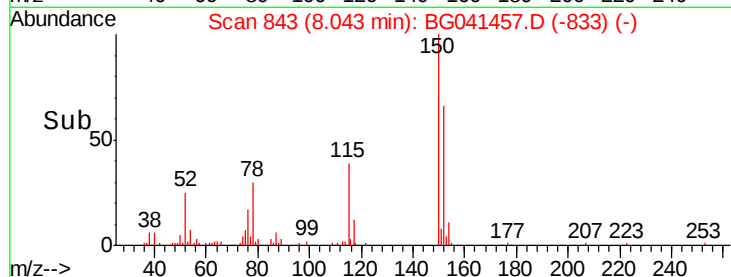
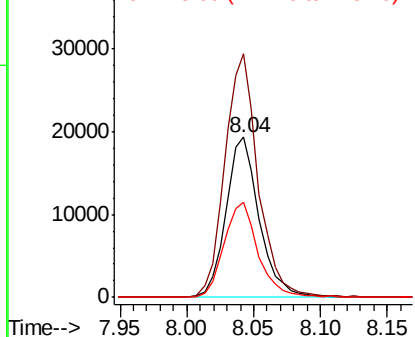
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tot Ion:152 Resp: 33569
Ion Ratio Lower Upper
152 100
150 152.0 120.6 181.0
115 59.6 47.9 71.9



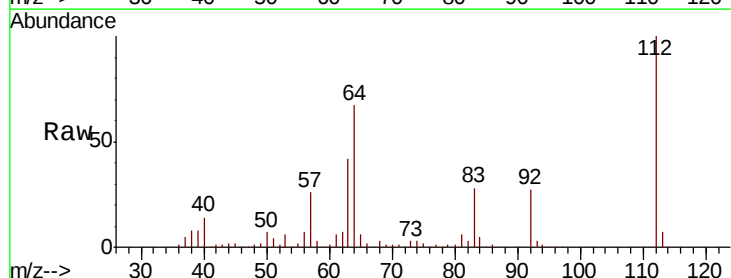
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



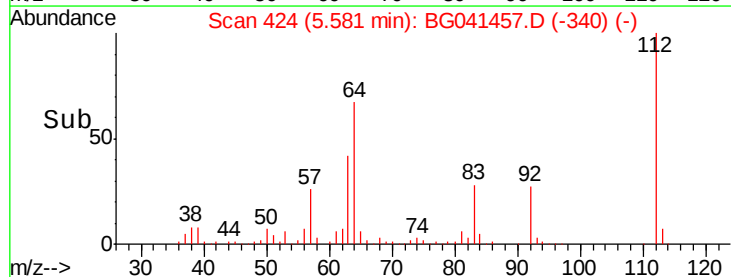
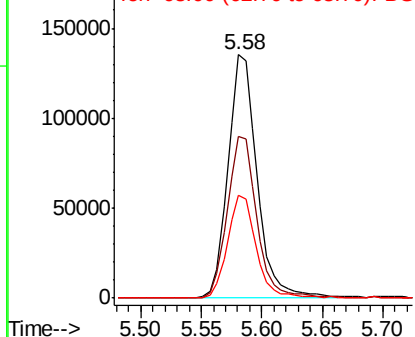
#5

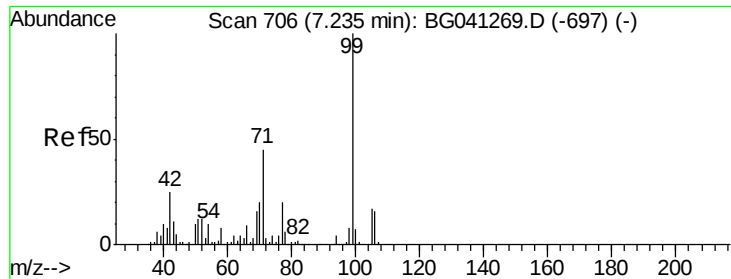
2-Fluorophenol
Concen: 124.017 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:112 Resp: 226575
Ion Ratio Lower Upper
112 100
64 66.6 55.9 83.9
63 42.4 34.6 51.8



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





#7

Phenol-d6

Concen: 107.606 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041457.D

Acq: 25 Jun 2019 23:28

Instrument :

BNA_G

ClientSampleId :

SAMPLE-7

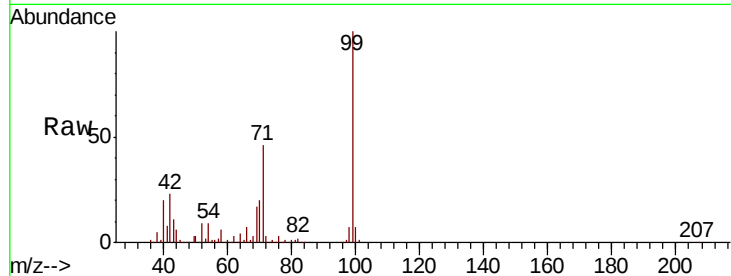
Tot Ion: 99 Resp: 284963

Ion Ratio Lower Upper

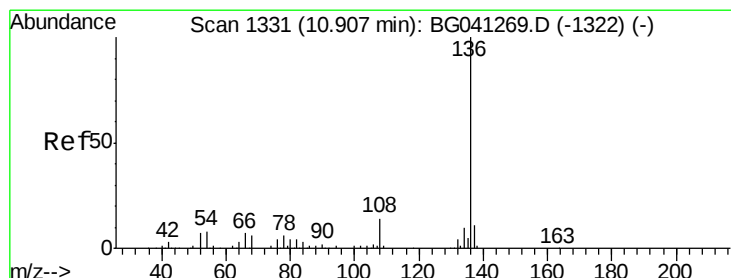
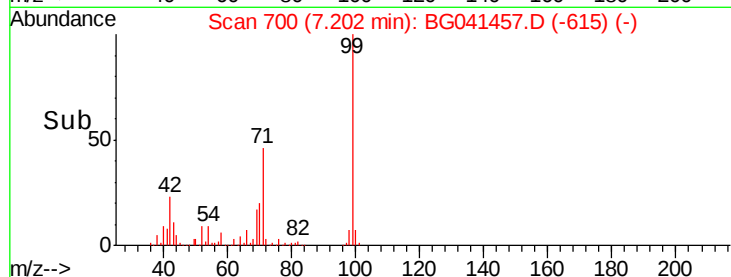
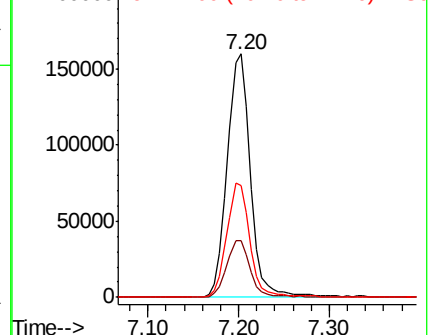
99 100

42 23.2 19.9 29.9

71 45.8 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. -0.04 min

Lab File: BG041457.D

Acq: 25 Jun 2019 23:28

Tgt Ion: 136 Resp: 113175

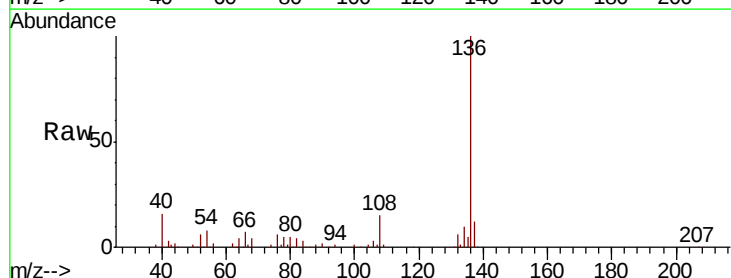
Ion Ratio Lower Upper

136 100

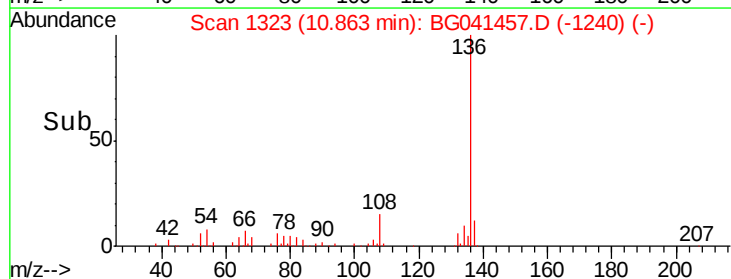
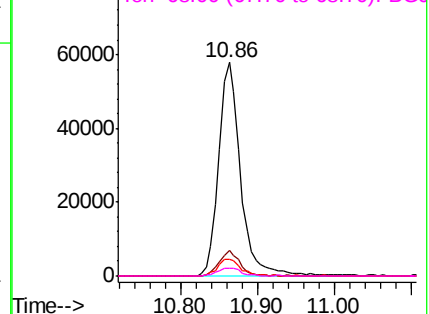
137 11.7 8.8 13.2

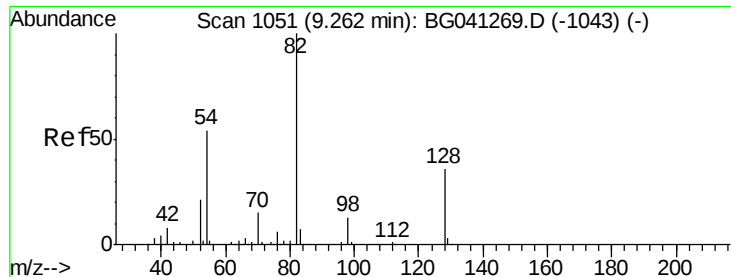
54 7.7 6.4 9.6

68 3.8 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

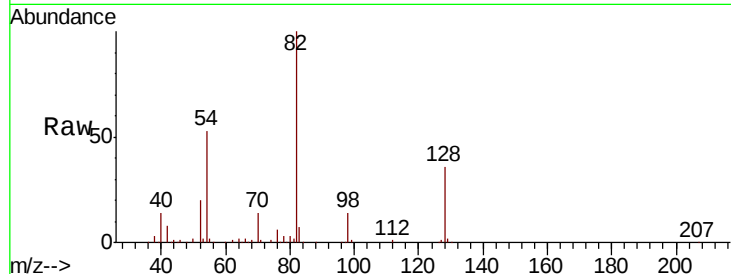




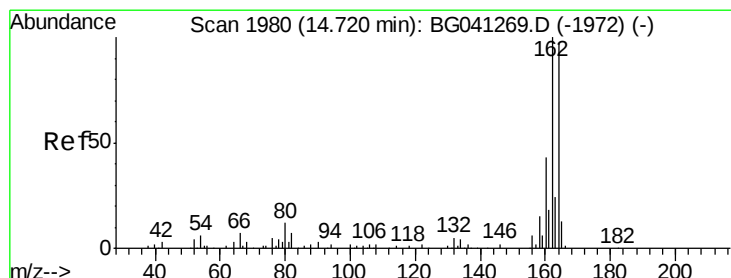
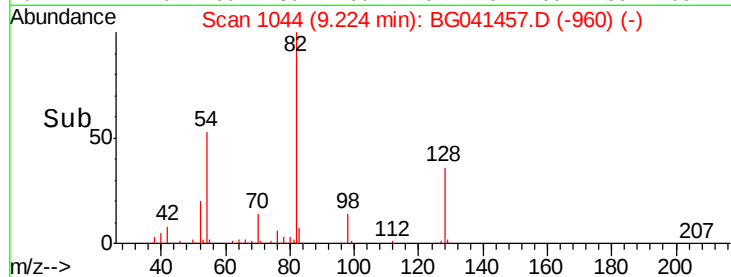
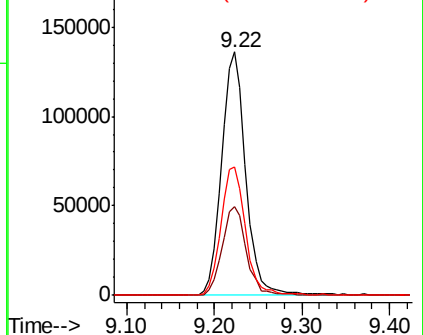
#23
Nitrobenzene-d5
Concen: 96.147 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tot Ion	82	Resp	258736
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.2	43.8
54	52.9	43.4	65.0

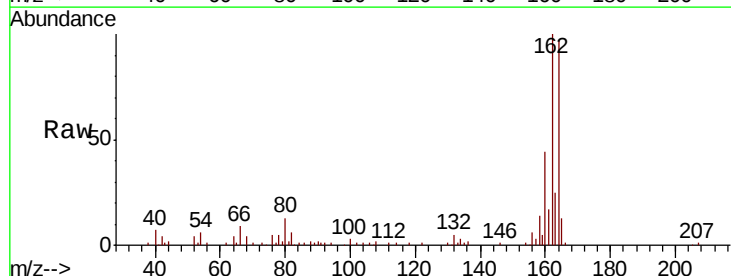


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

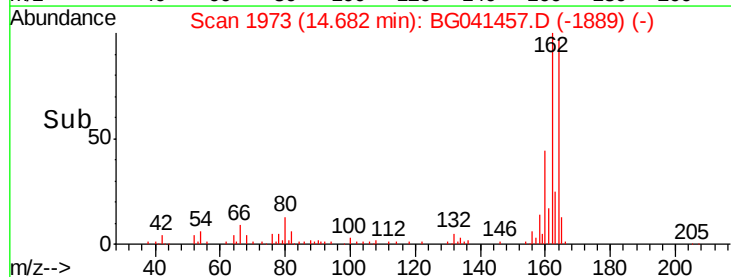
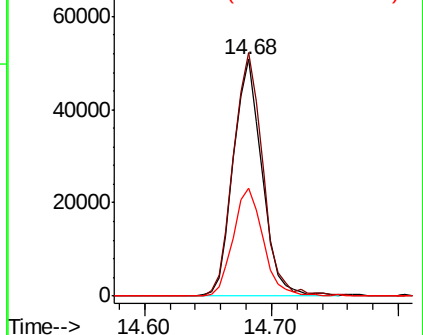


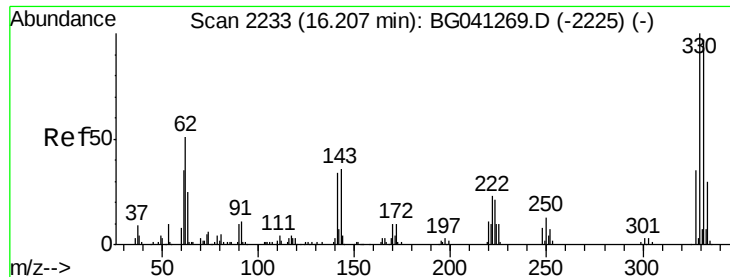
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion	164	Resp	79455
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.8	124.2
160	45.3	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

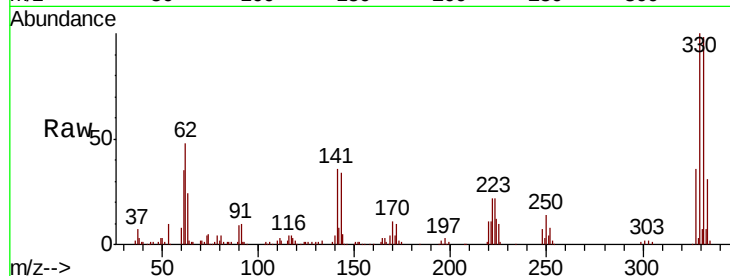




#42
 2,4,6-Tribromophenol
 Concen: 143.831 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BG041457.D
 Acq: 25 Jun 2019 23:28

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.5	113.3
141	35.9	29.0	43.4

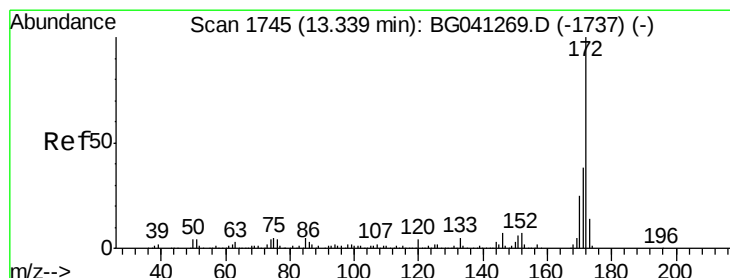
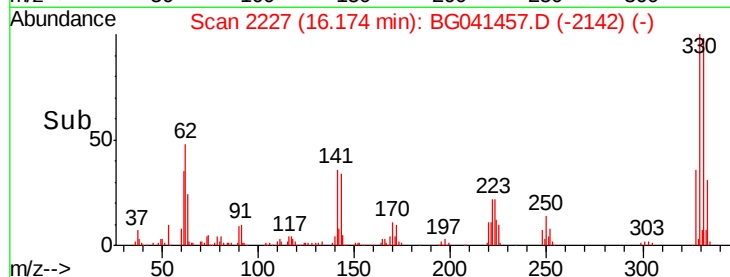
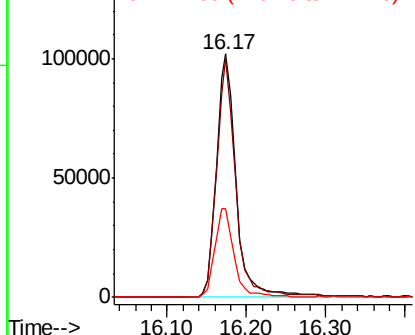


Abundance

Ion 329.80 (329.50 to 330.50): E

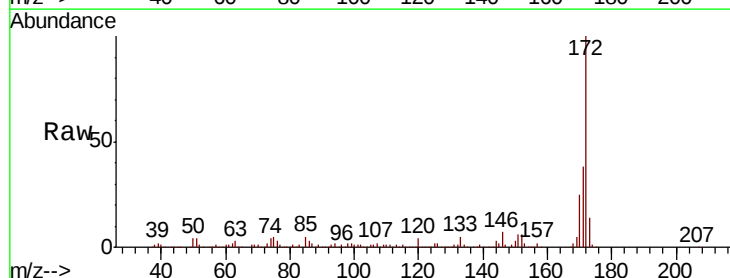
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.869 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.04 min
 Lab File: BG041457.D
 Acq: 25 Jun 2019 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.7	19.8	29.6

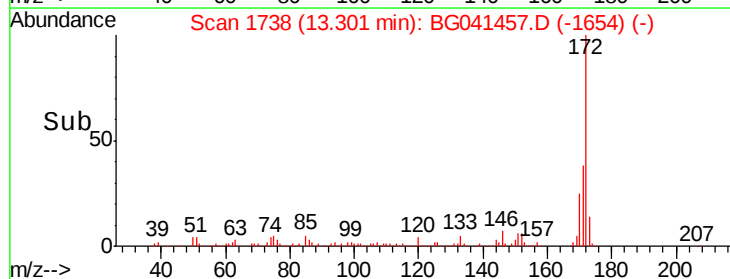
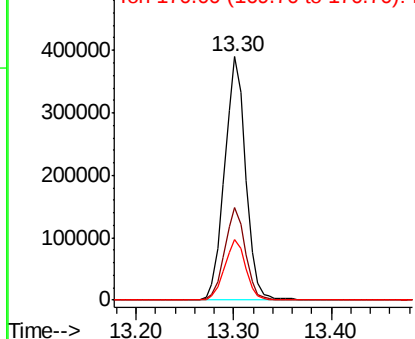


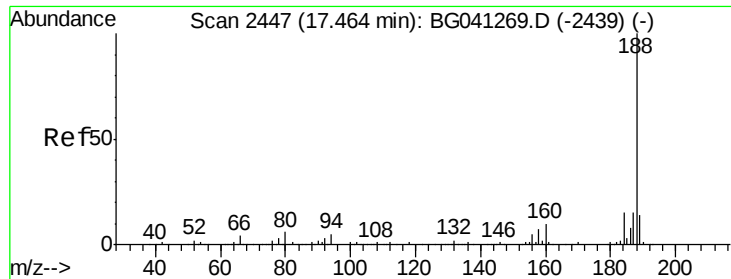
Abundance

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

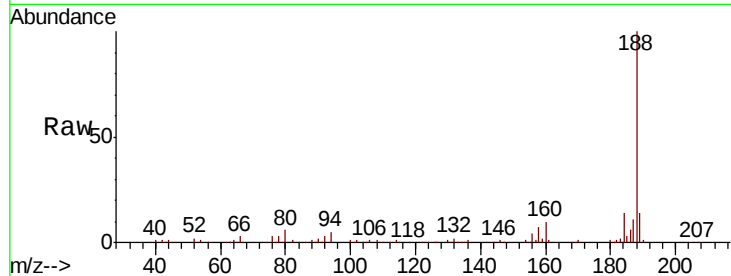




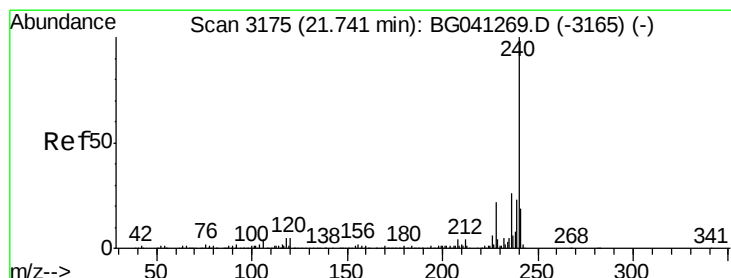
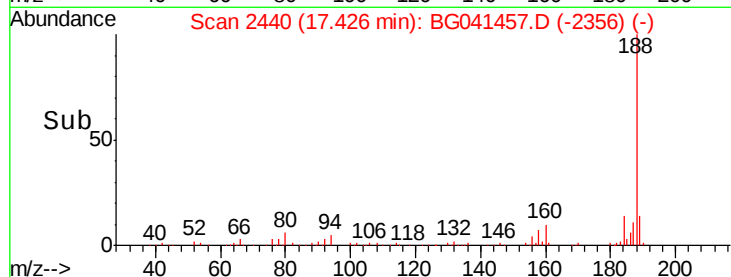
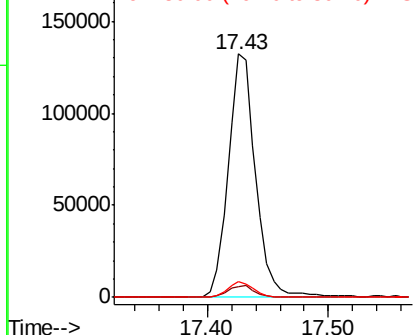
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tot Ion:188 Resp: 207761
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 6.3 4.8 7.2

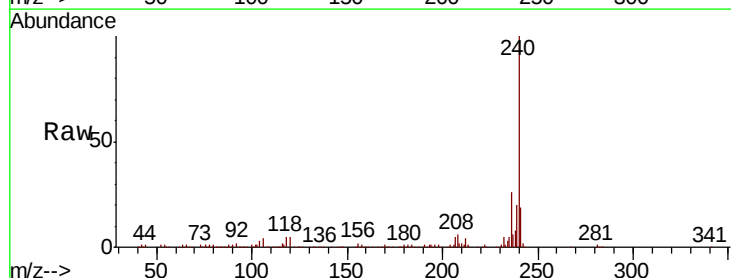


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

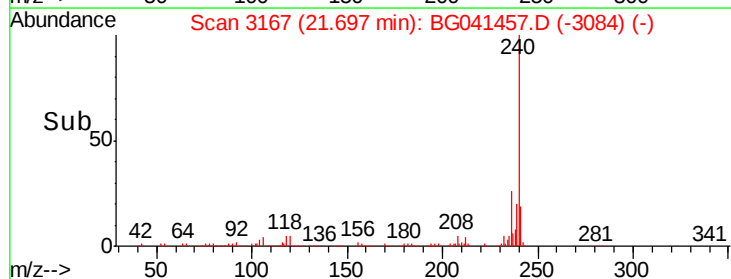
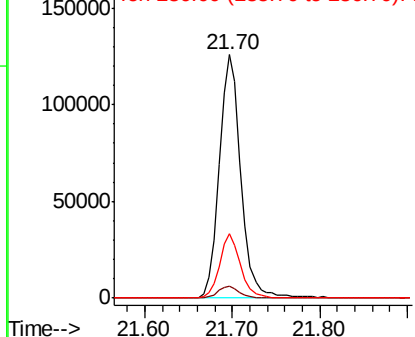


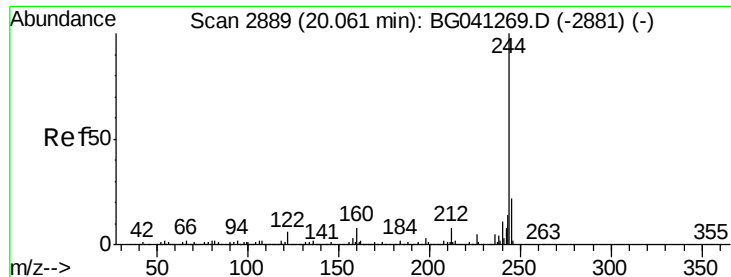
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG041457.D
Acq: 25 Jun 2019 23:28

Tgt Ion:240 Resp: 214707
Ion Ratio Lower Upper
240 100
120 5.0 3.7 5.5
236 26.2 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: 104.142 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041457.D

Acq: 25 Jun 2019 23:28

Instrument :

BNA_G

ClientSampleId :

SAMPLE-7

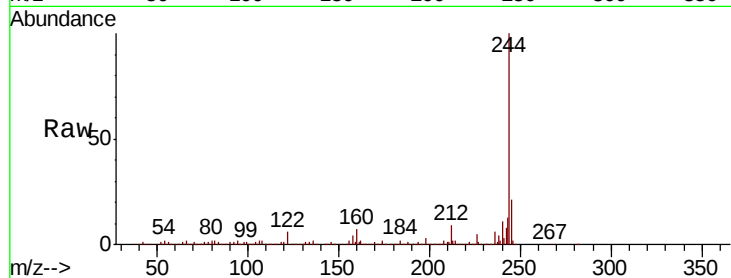
Tot Ion:244 Resp: 1128271

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

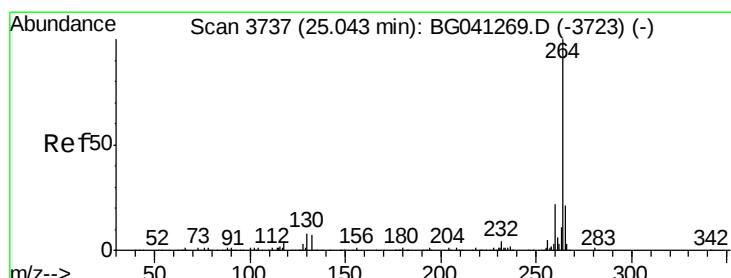
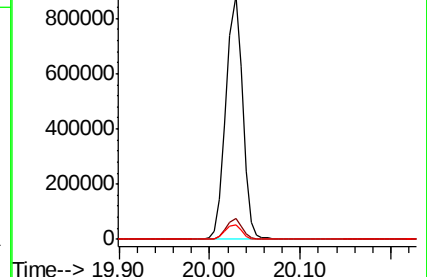
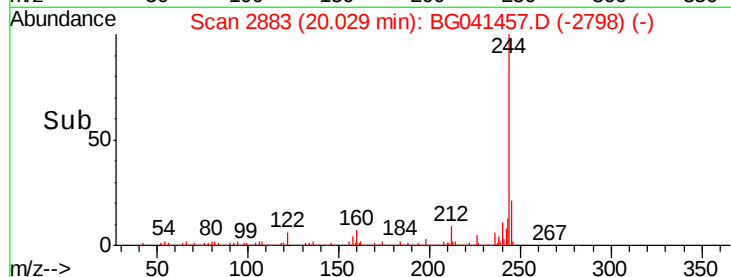
122 6.0 5.0 7.4



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: BG041457.D

Acq: 25 Jun 2019 23:28

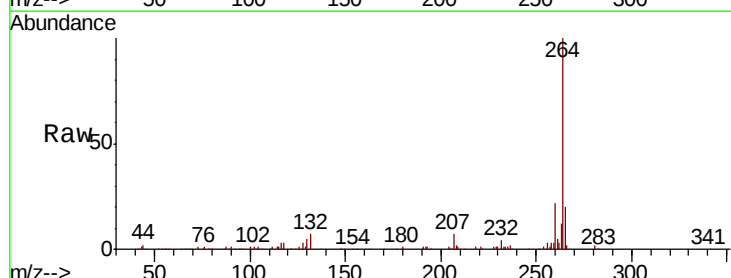
Tgt Ion:264 Resp: 229046

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.2

265 20.0 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

