

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041455.D
 Acq On : 25 Jun 2019 22:12
 Operator : HP/JU
 Sample : K3512-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-8

Quant Time: Jun 26 05:04:59 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	34183	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	117460	20.00	ng	-0.05
39) Acenaphthene-d10	14.68	164	82103	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	209441	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	215674	20.00	ng	-0.04
87) Perylene-d12	24.98	264	229615	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	240404	129.22	ng	-0.03
7) Phenol-d6	7.20	99	307413	114.00	ng	-0.03
23) Nitrobenzene-d5	9.22	82	266519	95.43	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	181752	144.19	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	602748	99.78	ng	-0.03
79) Terphenyl-d14	20.03	244	1135268	104.32	ng	-0.03

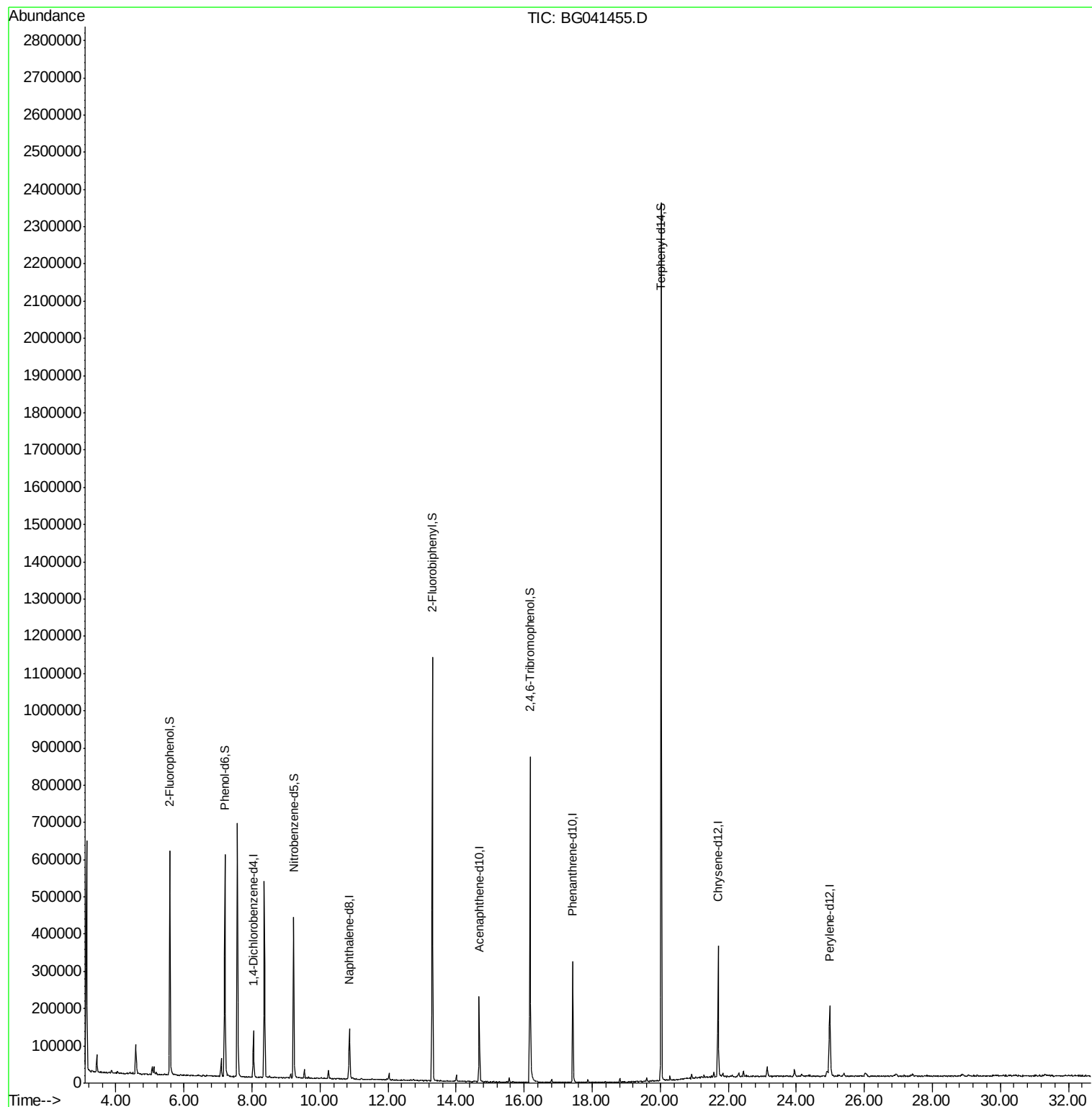
Target Compounds Qvalue

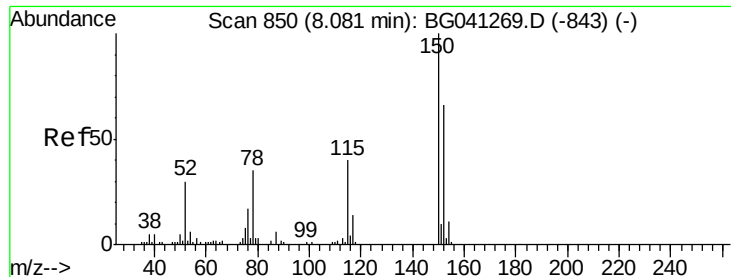
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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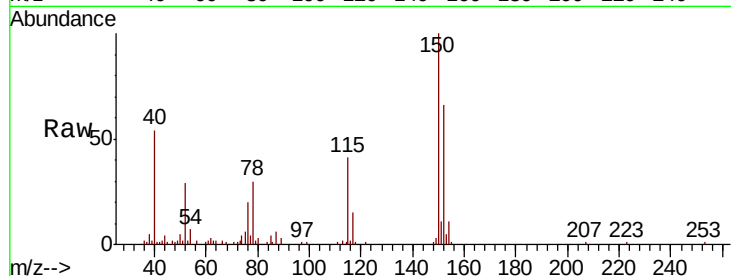


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041455.D
Acq: 25 Jun 2019 22:12

Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

Tot Ion	152	Resp	34183
Ion Ratio	Lower	Upper	
152	100		
150	151.6	120.6	181.0
115	62.4	47.9	71.9

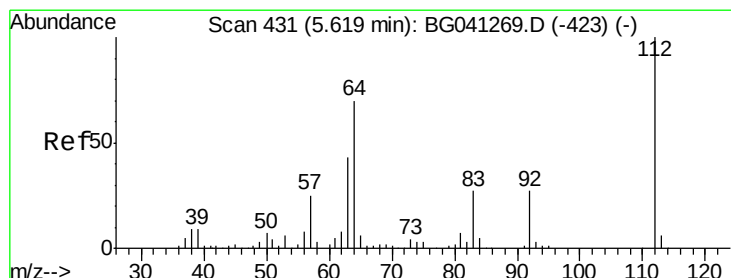
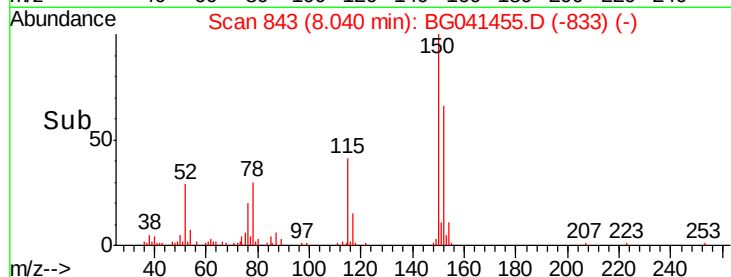
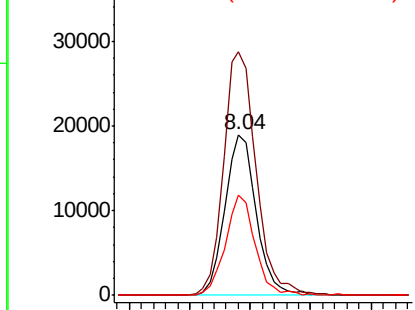


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

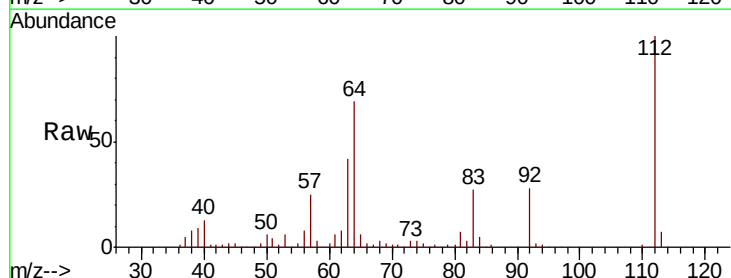
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.223 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041455.D
Acq: 25 Jun 2019 22:12

Tgt Ion	112	Resp	240404
Ion Ratio	Lower	Upper	
112	100		
64	69.4	55.9	83.9
63	41.6	34.6	51.8

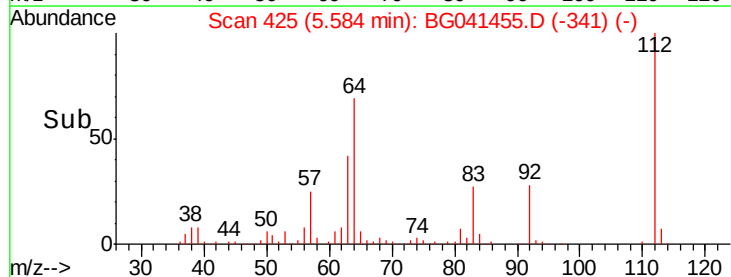
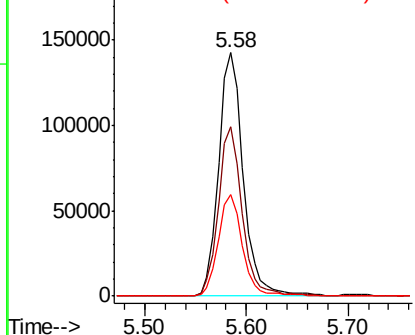


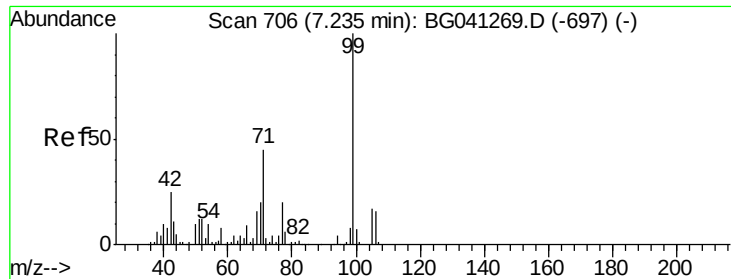
Abundance

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: 113.998 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041455.D

Acq: 25 Jun 2019 22:12

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8

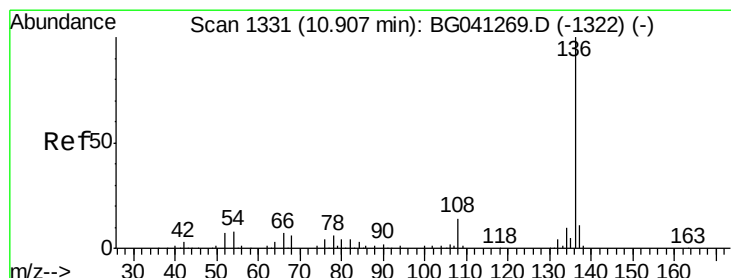
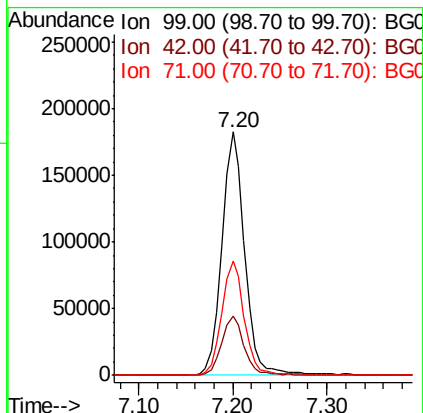
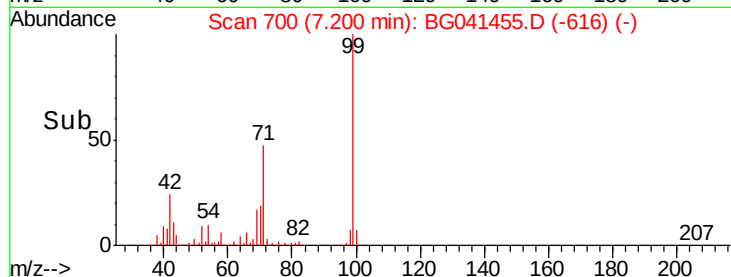
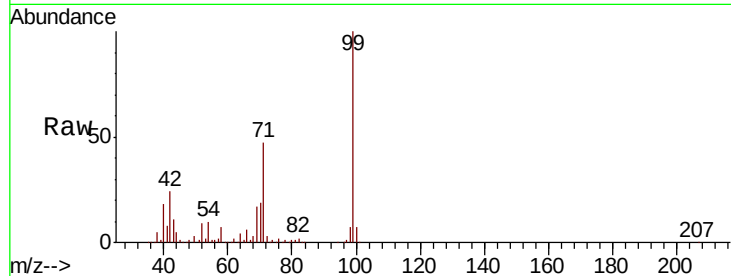
Tot Ion: 99 Resp: 307413

Ion Ratio Lower Upper

99 100

42 24.4 19.9 29.9

71 47.0 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BG041455.D

Acq: 25 Jun 2019 22:12

Tgt Ion: 136 Resp: 117460

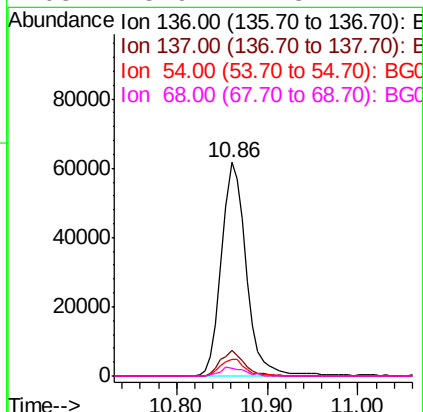
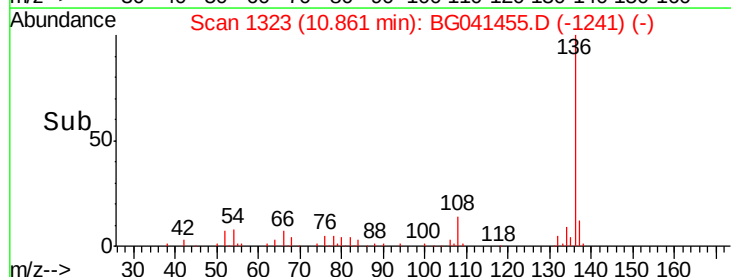
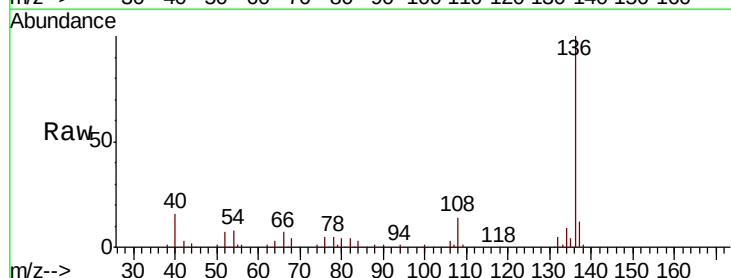
Ion Ratio Lower Upper

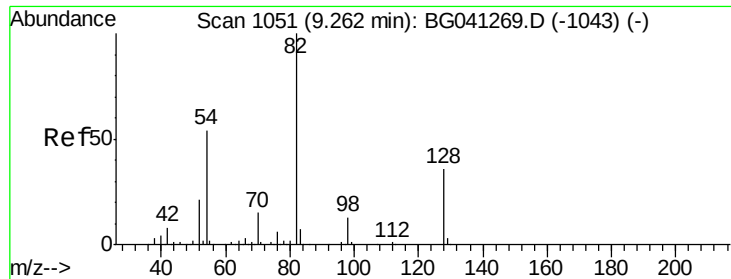
136 100

137 12.0 8.8 13.2

54 8.1 6.4 9.6

68 3.9 4.8 7.2#

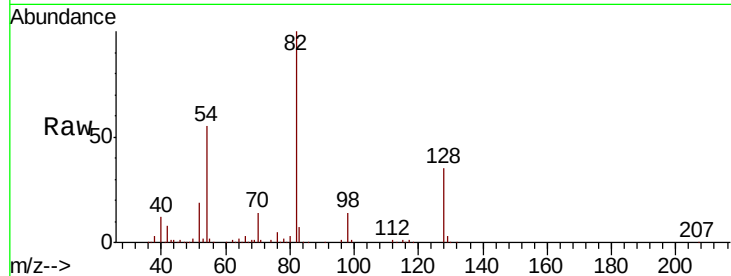




#23
Nitrobenzene-d5
Concen: 95.426 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041455.D
Acq: 25 Jun 2019 22:12

Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

Tot Ion	82	Resp	266519
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.2	43.8
54	54.6	43.4	65.0

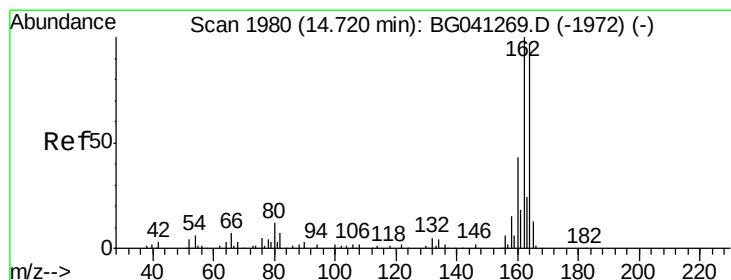
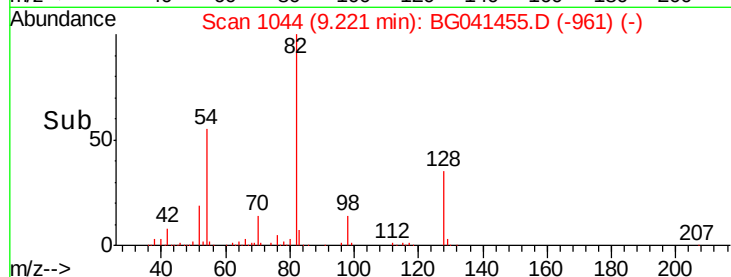
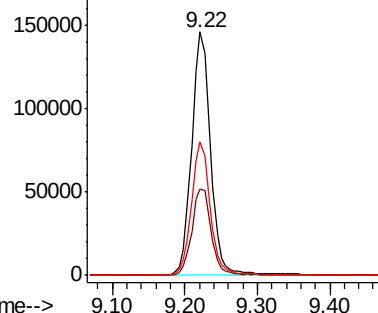


Abundance

Ion 82.00 (81.70 to 82.70): BGC

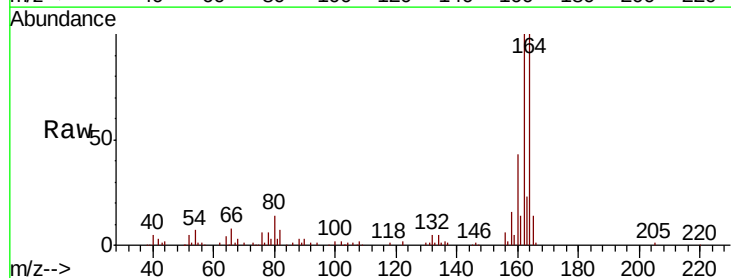
Ion 128.00 (127.70 to 128.70): BGC

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: BG041455.D
Acq: 25 Jun 2019 22:12

Tgt Ion	164	Resp	82103
Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.8	124.2
160	43.2	35.8	53.8

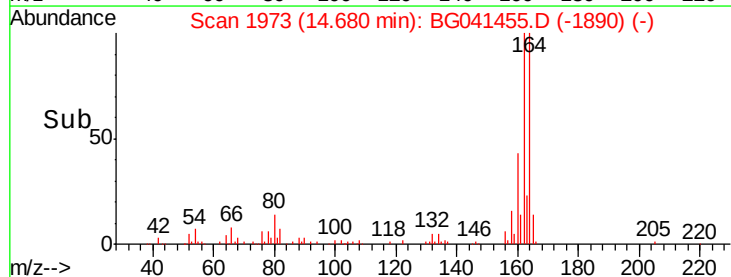
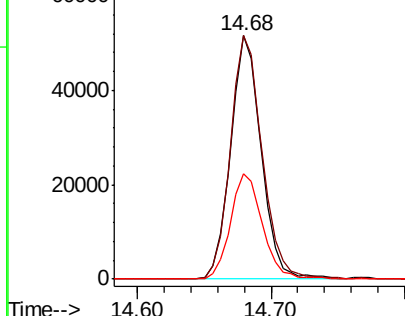


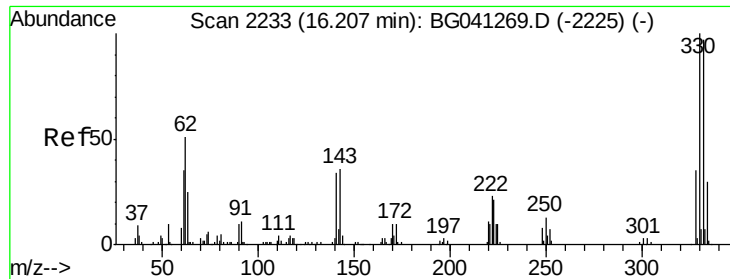
Abundance

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

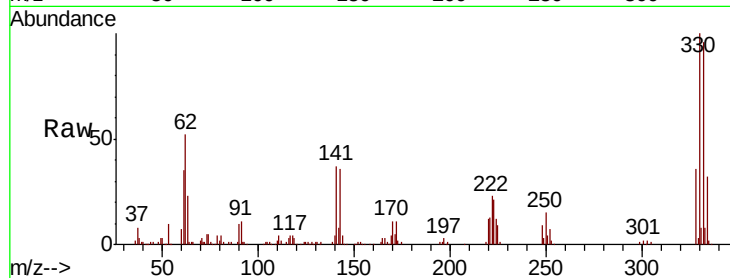




#42
 2,4,6-Tribromophenol
 Concen: 144.195 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BG041455.D
 Acq: 25 Jun 2019 22:12

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.5	113.3
141	36.3	29.0	43.4

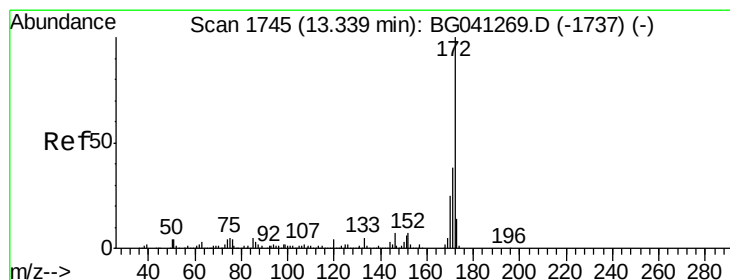
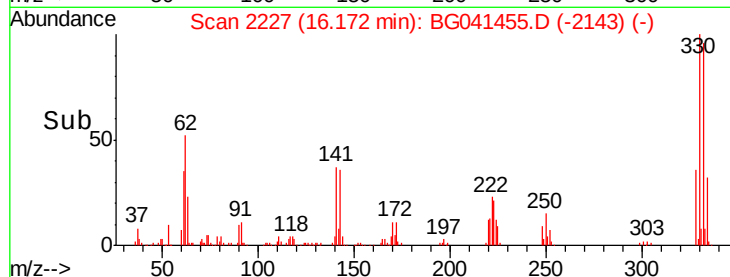
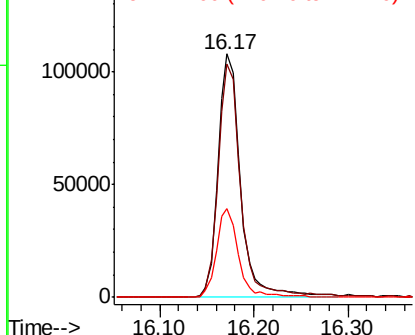


Abundance

Ion 329.80 (329.50 to 330.50): E

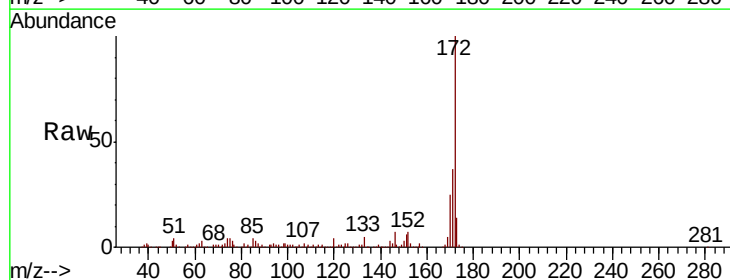
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.781 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041455.D
 Acq: 25 Jun 2019 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.4	19.8	29.6

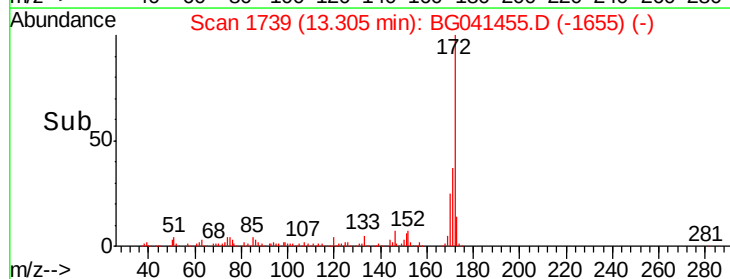
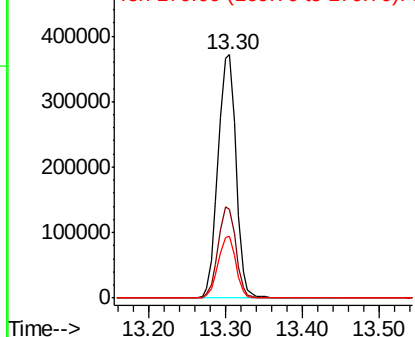


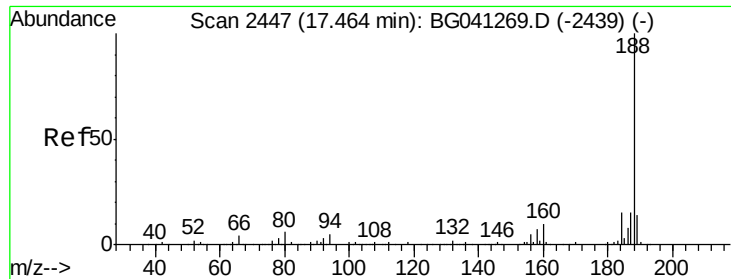
Abundance

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: BG041455.D

Acq: 25 Jun 2019 22:12

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8

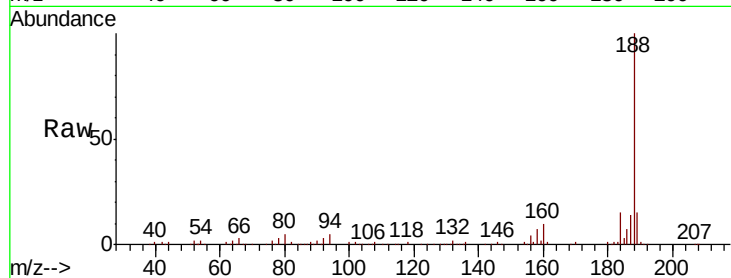
Tot Ion:188 Resp: 209441

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

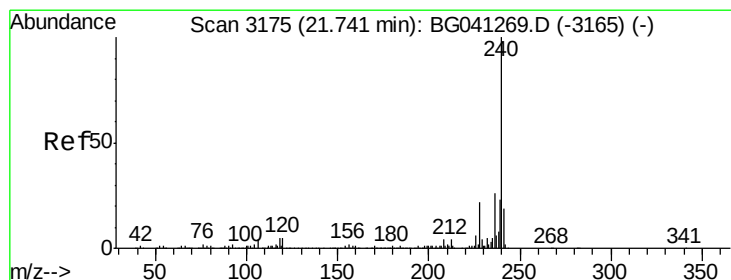
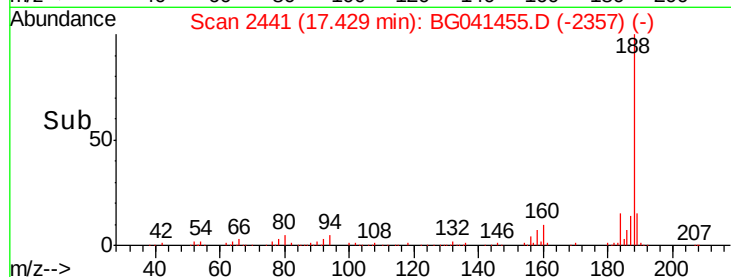
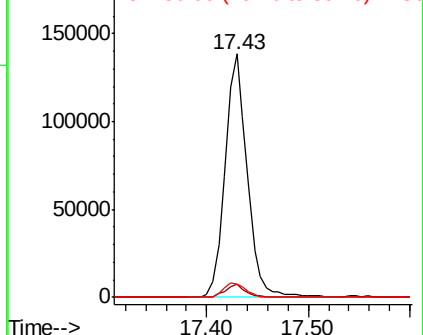
80 5.5 4.8 7.2



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# 3168

Delta R.T. -0.04 min

Lab File: BG041455.D

Acq: 25 Jun 2019 22:12

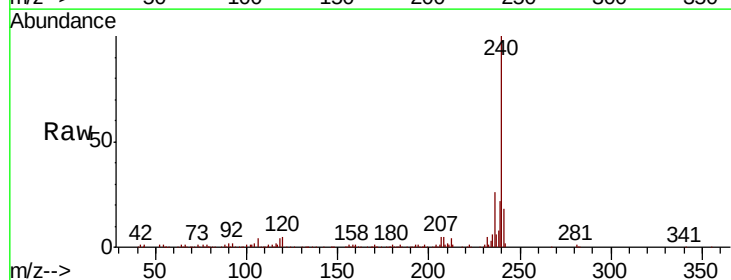
Tgt Ion:240 Resp: 215674

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

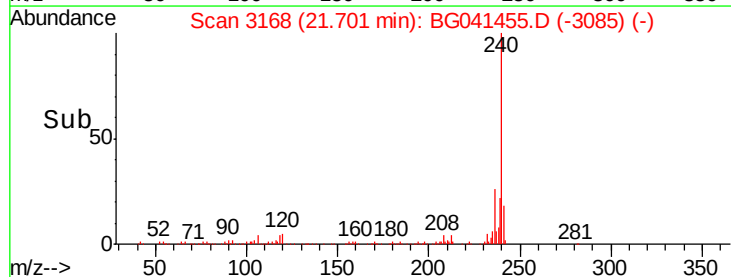
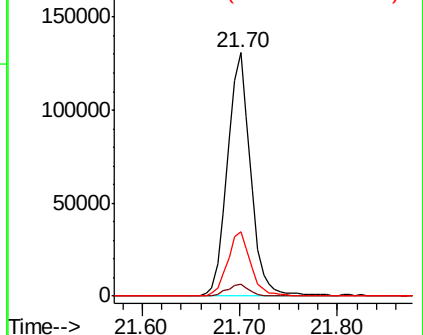
236 26.5 21.1 31.7

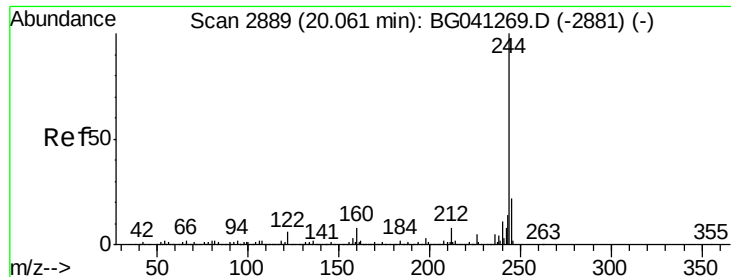


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.318 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041455.D

Acq: 25 Jun 2019 22:12

Instrument :

BNA_G

ClientSampled :

SAMPLE-8

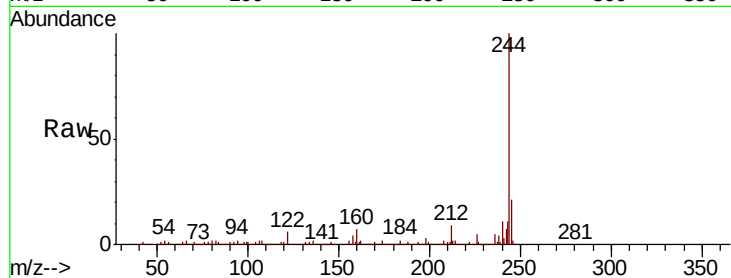
Tot Ion:244 Resp: 1135268

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

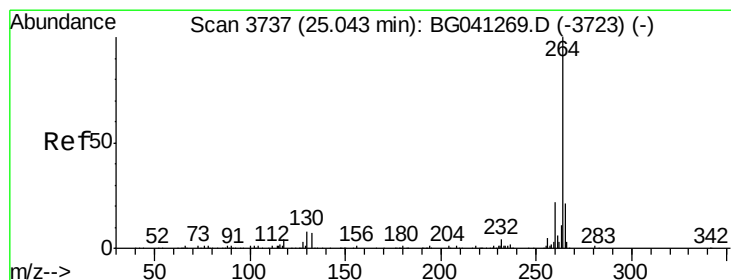
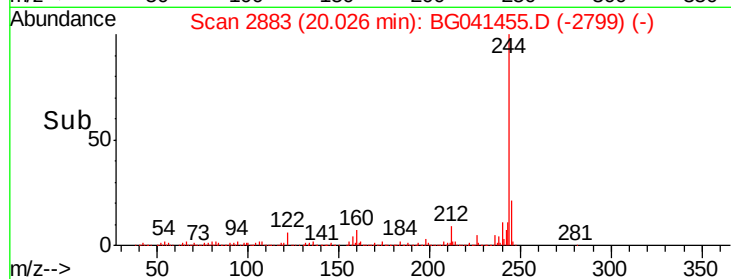
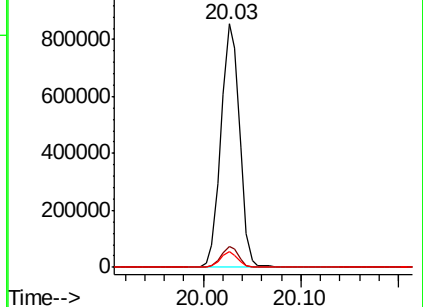
122 6.4 5.0 7.4



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: BG041455.D

Acq: 25 Jun 2019 22:12

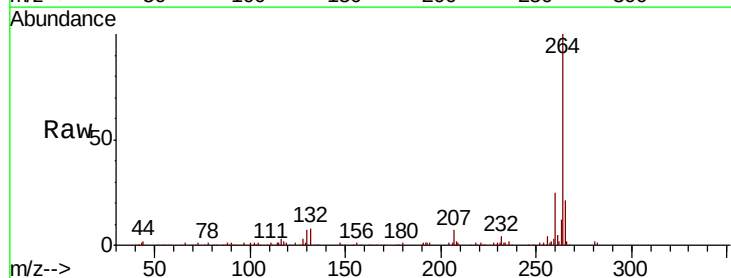
Tgt Ion:264 Resp: 229615

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.2

265 21.3 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

