

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041876.D
 Acq On : 1 Aug 2019 23:15
 Operator : HP/JU
 Sample : K4044-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Aug 02 04:01:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81286	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	306376	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	202984	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	465178	20.00	ng	0.00
76) Chrysene-d12	21.73	240	633322	20.00	ng	0.00
87) Perylene-d12	25.00	264	741308	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	518927	124.21	ng	0.00
7) Phenol-d6	7.19	99	629894	111.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	471736	105.96	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	332994	144.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1193436	103.70	ng	-0.01
79) Terphenyl-d14	20.06	244	2229008	80.54	ng	0.00

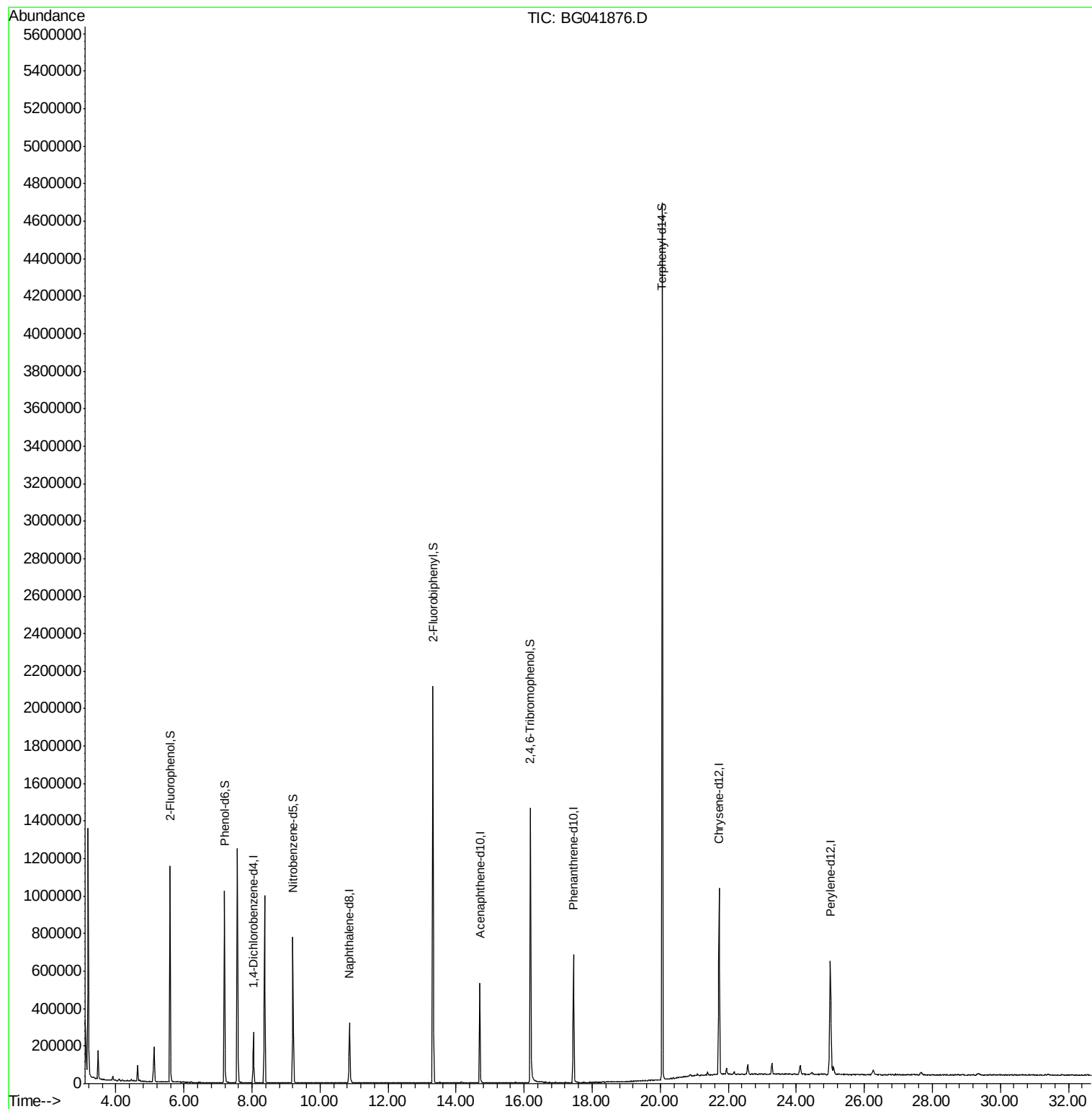
Target Compounds Qvalue

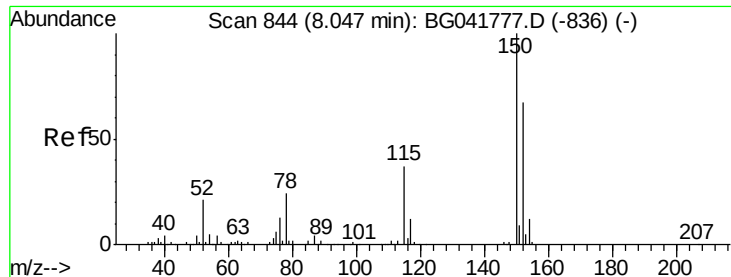
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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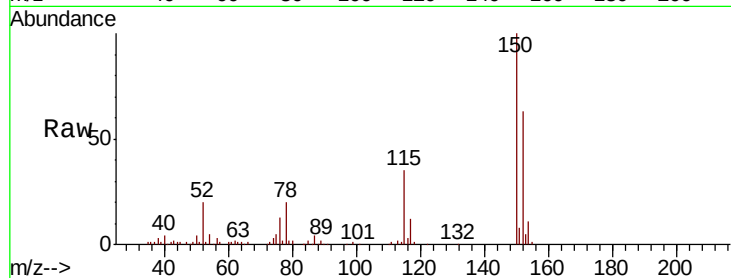


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041876.D
Acq: 1 Aug 2019 23:15

Instrument :
BNA_G
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.9	190.3
115	56.0	45.0	67.6

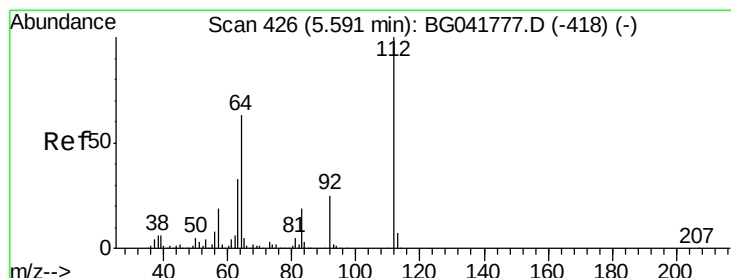
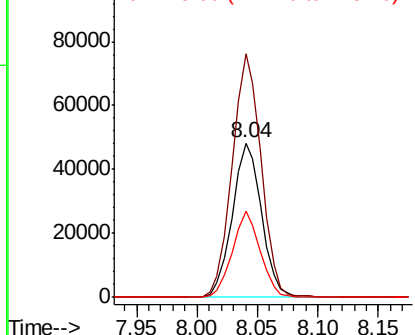
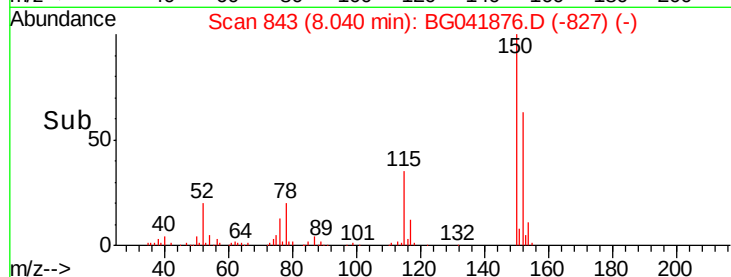


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

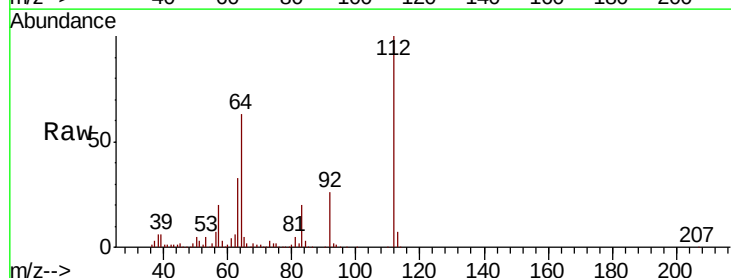
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.208 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041876.D
Acq: 1 Aug 2019 23:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	55.4	83.2
63	33.4	29.1	43.7

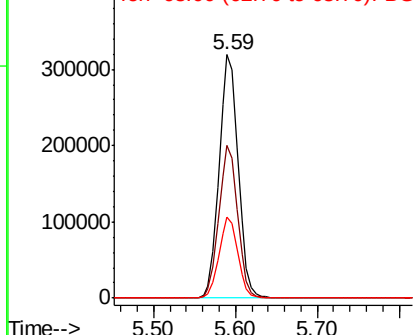
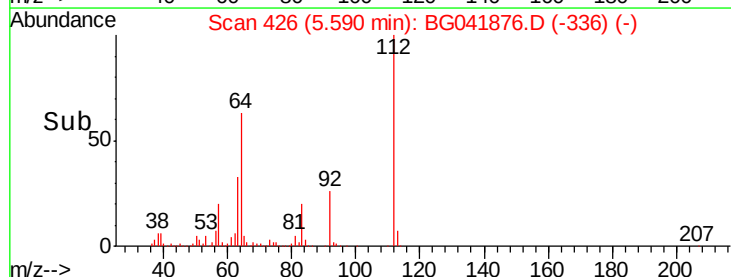


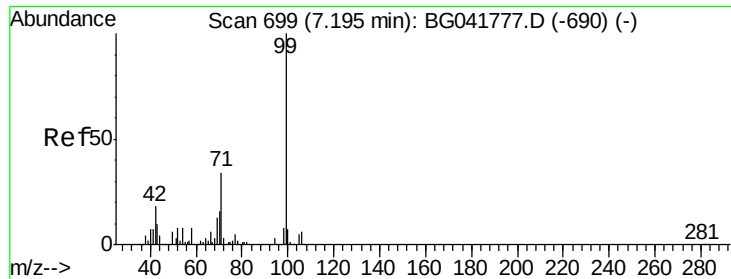
Abundance

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: 111.833 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041876.D

Acq: 1 Aug 2019 23:15

Instrument :

BNA_G

ClientSampleId :

TP-3

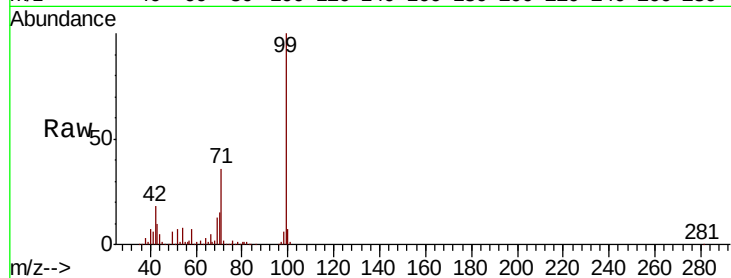
Tot Ion: 99 Resp: 629894

Ion Ratio Lower Upper

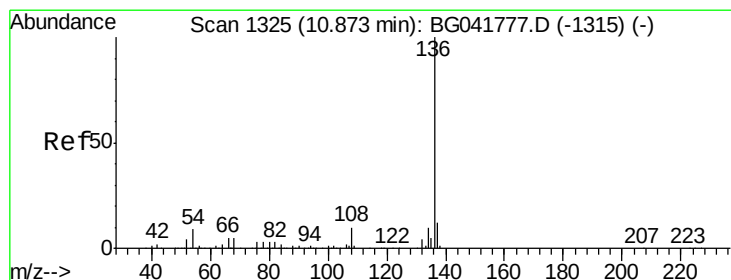
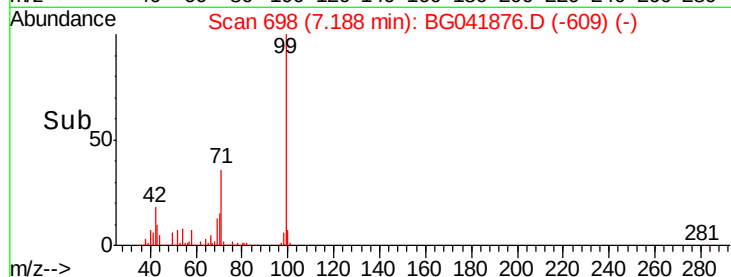
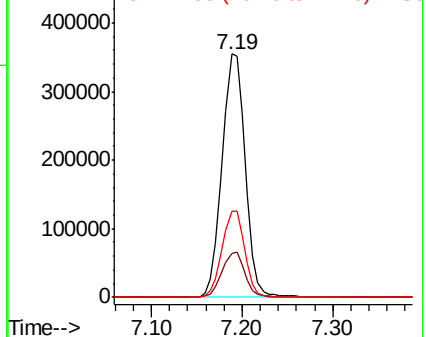
99 100

42 18.1 17.6 26.4

71 35.7 27.8 41.6



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041876.D

Acq: 1 Aug 2019 23:15

Tgt Ion: 136 Resp: 306376

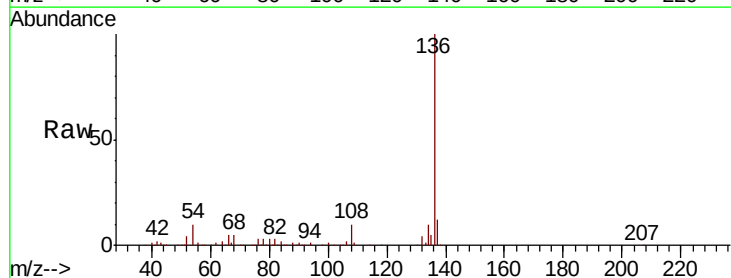
Ion Ratio Lower Upper

136 100

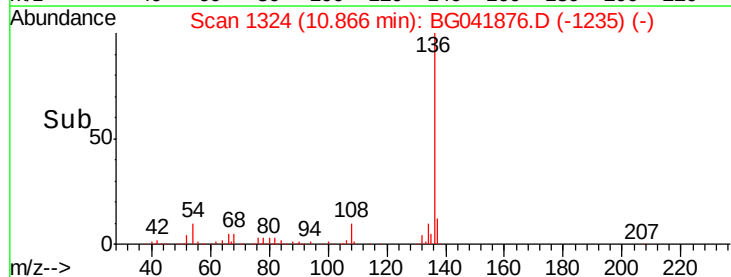
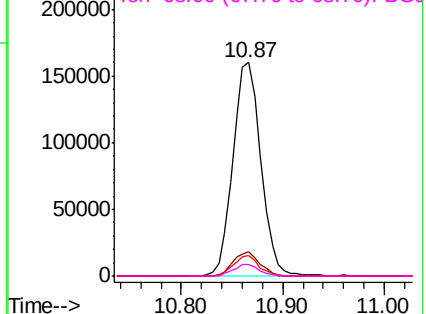
137 11.6 9.2 13.8

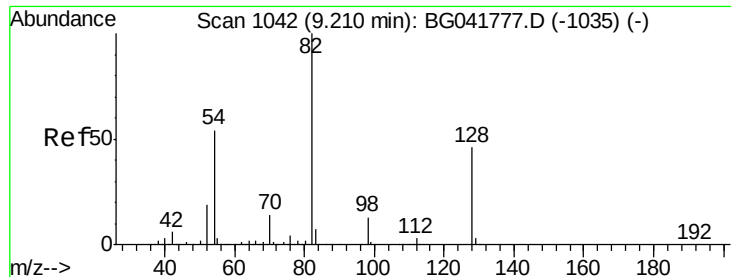
54 9.6 8.7 13.1

68 5.4 5.5 8.3#



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

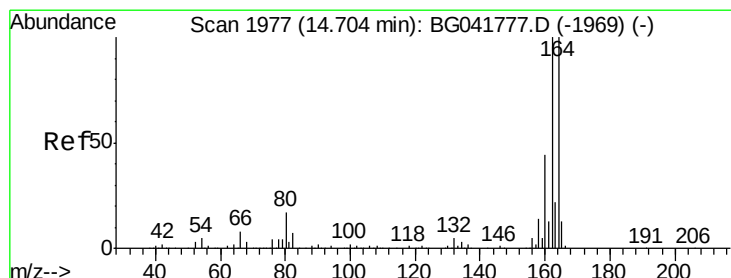
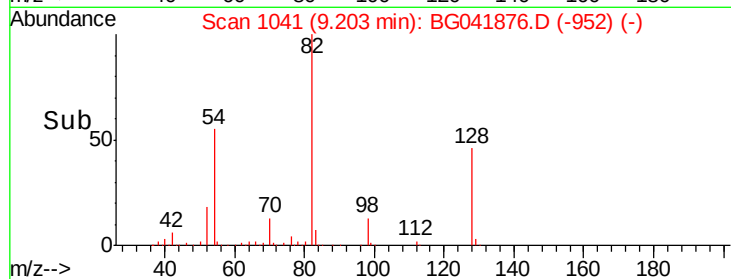
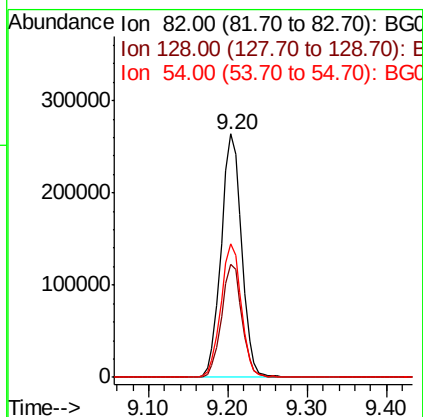
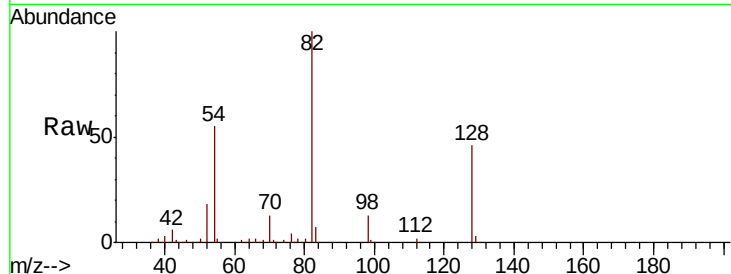




#23
 Nitrobenzene-d5
 Concen: 105.958 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041876.D
 Acq: 1 Aug 2019 23:15

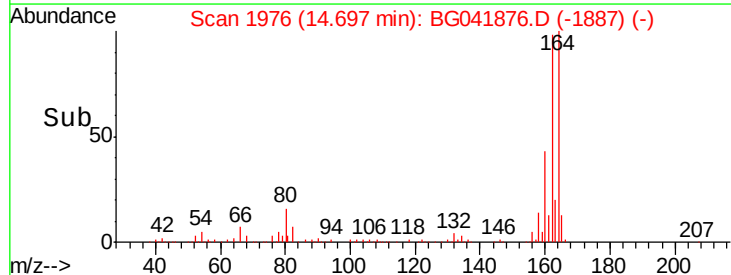
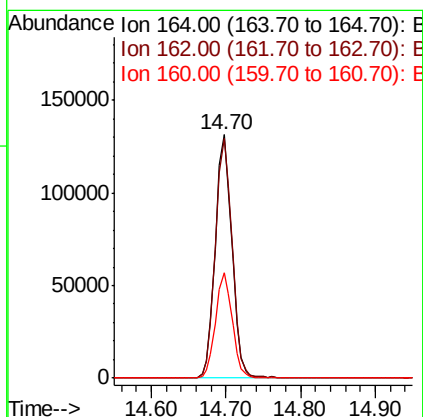
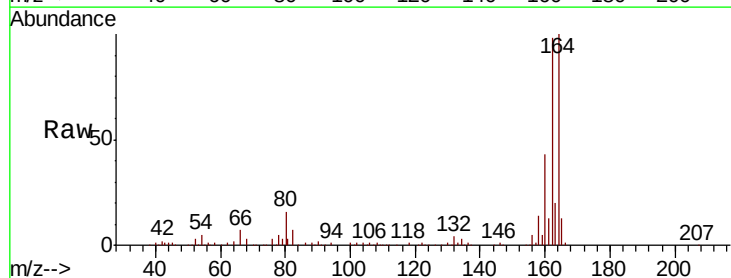
Instrument :
 BNA_G
 ClientSampled :
 TP-3

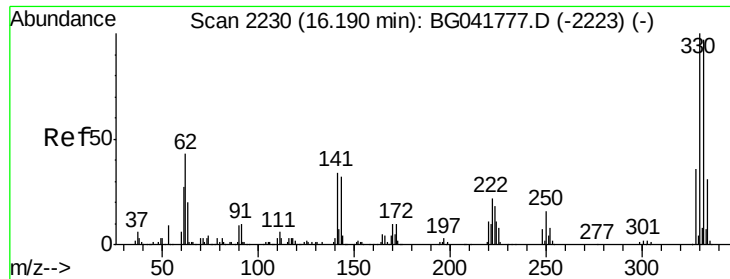
Tot Ion	82	Resp	471736
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.1	52.7
54	54.9	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG041876.D
 Acq: 1 Aug 2019 23:15

Tgt Ion	164	Resp	202984
Ion Ratio	Lower	Upper	
164	100		
162	98.5	79.6	119.4
160	43.3	35.4	53.0

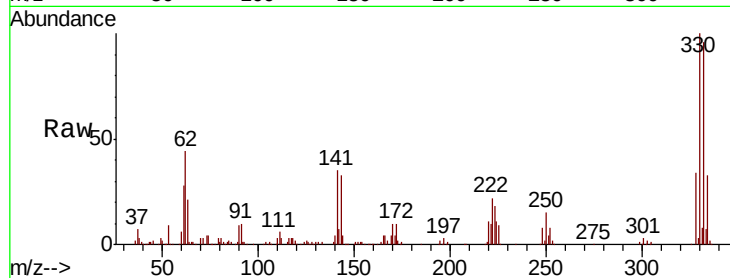




#42
 2,4,6-Tribromophenol
 Concen: 144.427 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG041876.D
 Acq: 1 Aug 2019 23:15

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	33.5	31.9	47.9

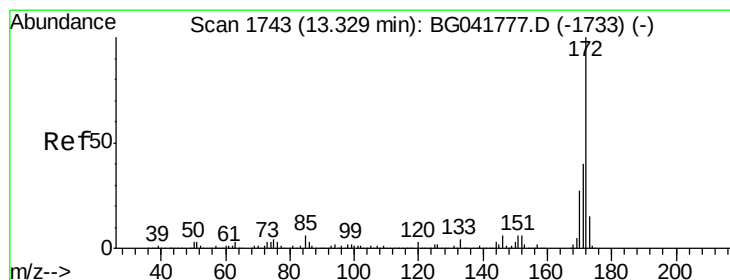
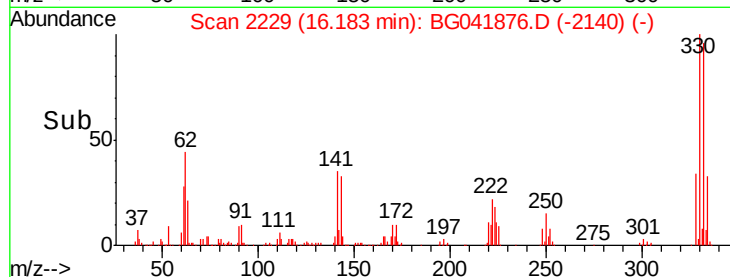
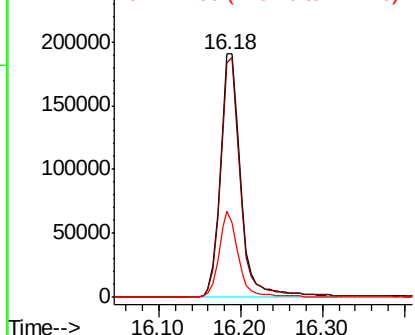


Abundance

Ion 329.80 (329.50 to 330.50): E

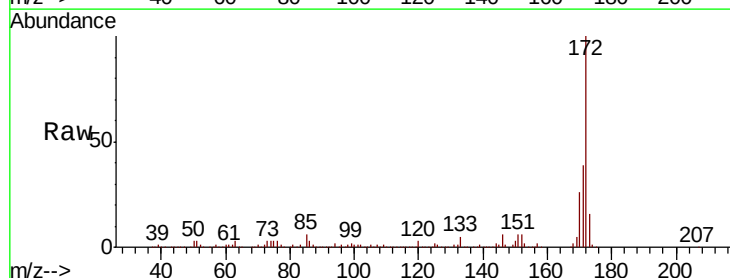
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.697 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041876.D
 Acq: 1 Aug 2019 23:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.0	52.4
170	25.9	23.5	35.3

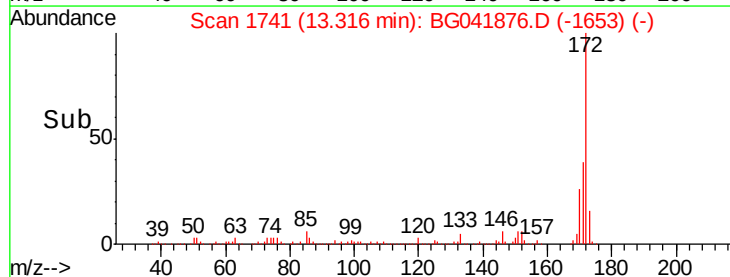
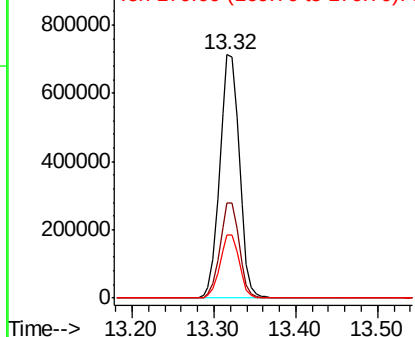


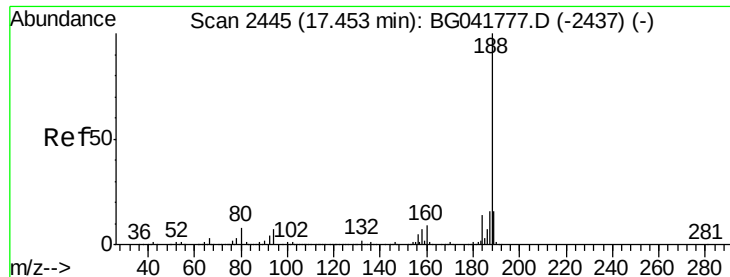
Abundance

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

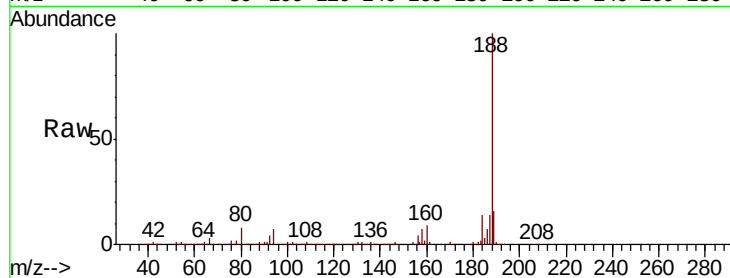




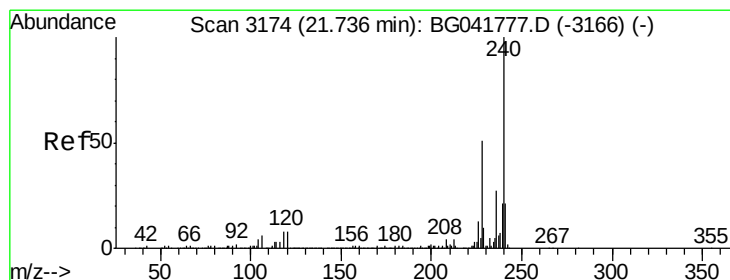
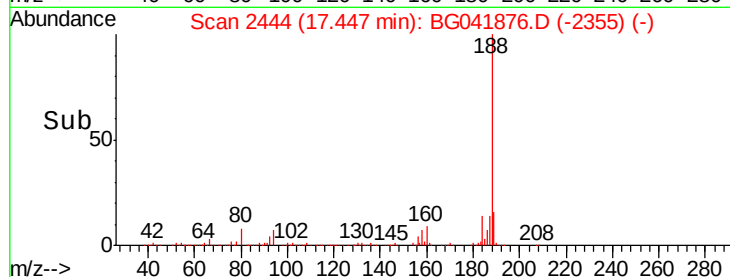
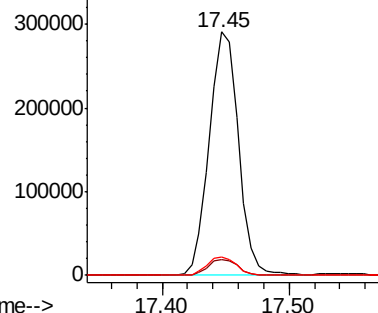
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041876.D
Acq: 1 Aug 2019 23:15

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.8	8.0	12.0#

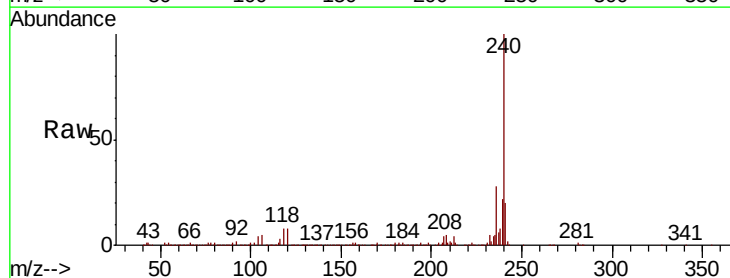


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

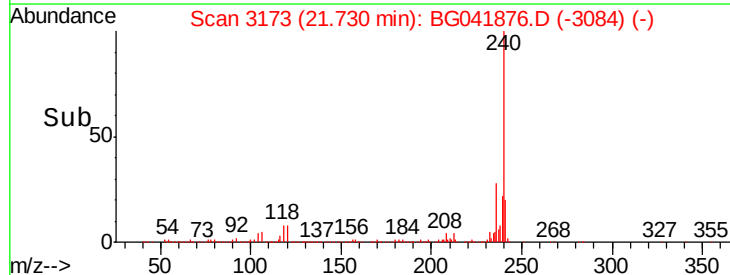
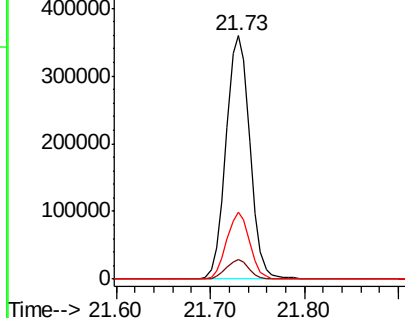


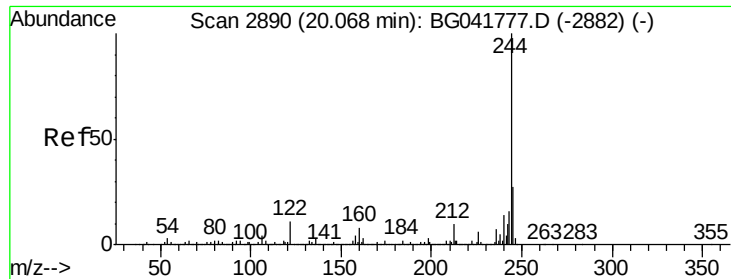
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041876.D
Acq: 1 Aug 2019 23:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	27.7	22.6	33.8



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: 80.536 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041876.D

Acq: 1 Aug 2019 23:15

Instrument :

BNA_G

ClientSampleId :

TP-3

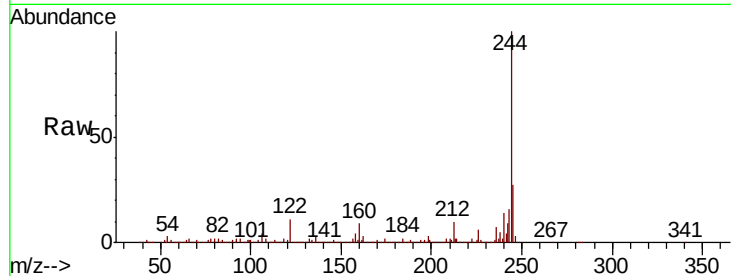
Tot Ion:244 Resp: 2229008

Ion Ratio Lower Upper

244 100

212 9.5 9.7 14.5#

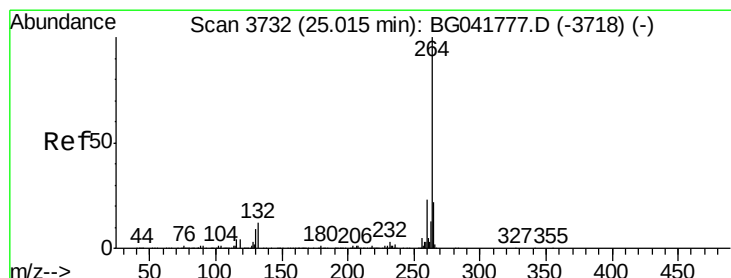
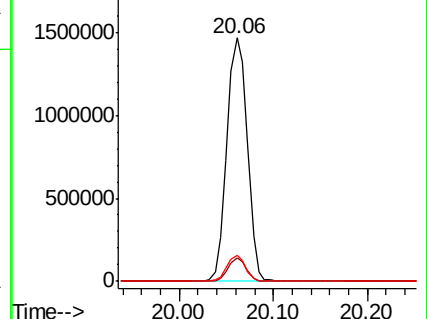
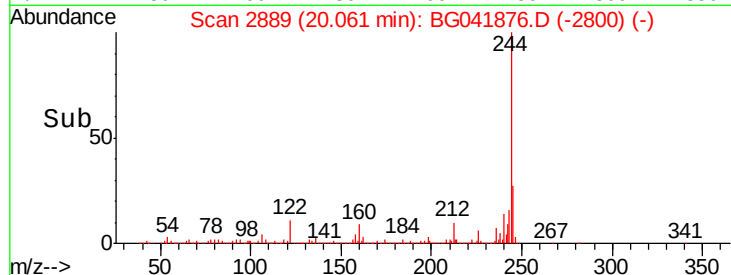
122 10.8 12.5 18.7#



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: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041876.D

Acq: 1 Aug 2019 23:15

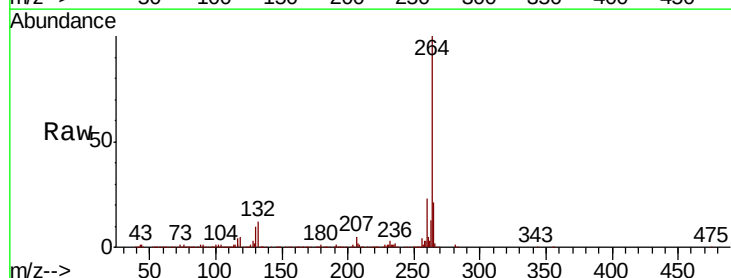
Tgt Ion:264 Resp: 741308

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.2 18.0 27.0



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

