

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041374.D
 Acq On : 21 Jun 2019 12:09
 Operator : HP/JU
 Sample : PB120785TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120785TB

Quant Time: Jun 21 16:10:49 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	8.07	152	28431	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	98898	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	69560	20.00	ng	-0.01
64) Phenanthrene-d10	17.45	188	183744	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	207799	20.00	ng	-0.01
87) Perylene-d12	25.04	264	219505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	177658	114.82	ng	-0.01
7) Phenol-d6	7.22	99	252178	112.43	ng	-0.01
23) Nitrobenzene-d5	9.25	82	173606	73.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	119912	112.29	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	404326	79.00	ng	-0.01
79) Terphenyl-d14	20.05	244	854663	81.51	ng	-0.01

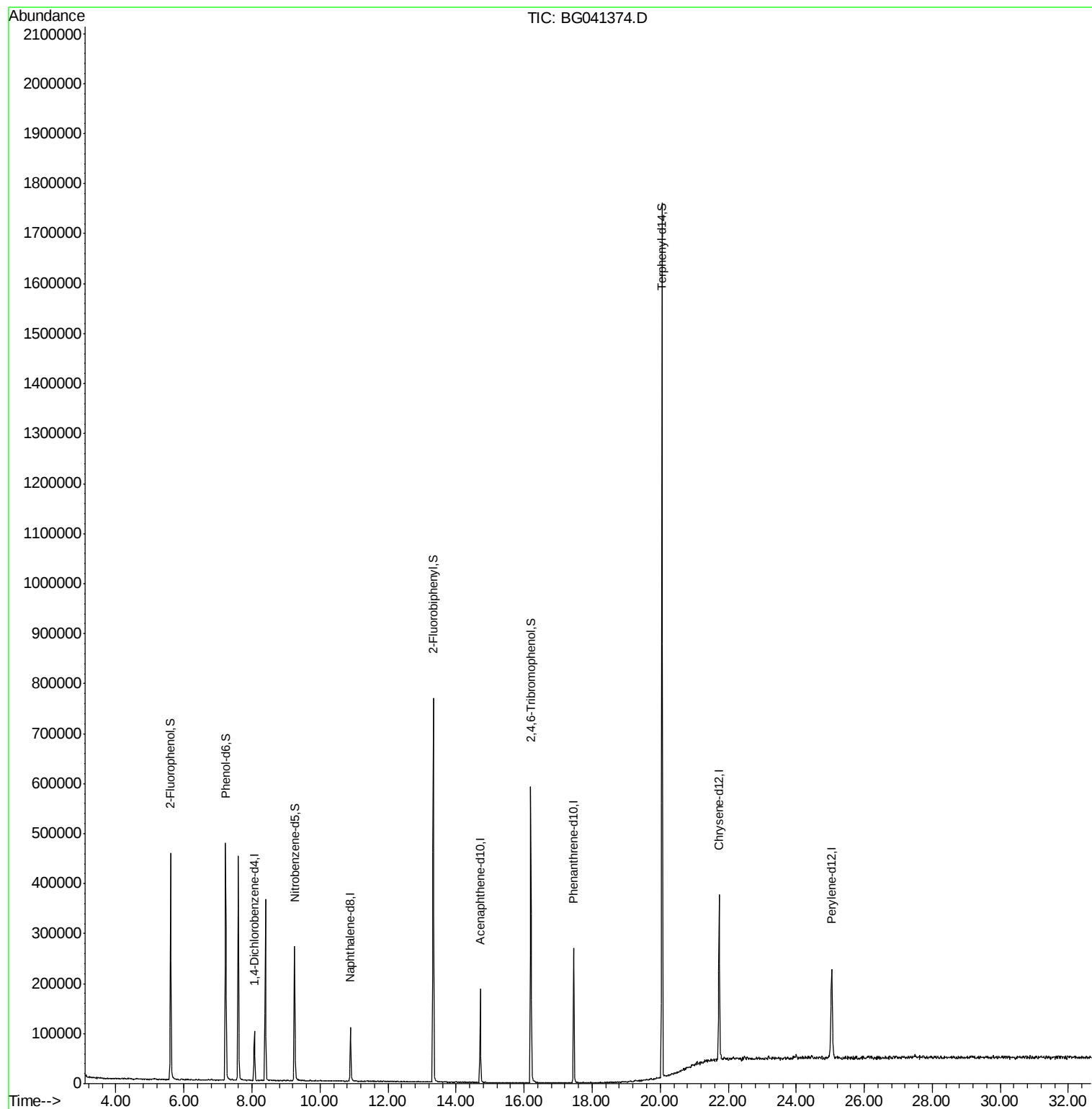
Target Compounds Qvalue

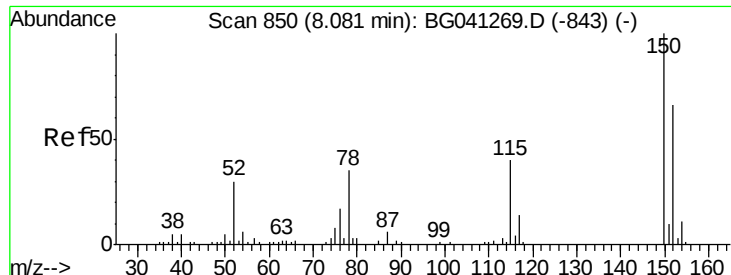
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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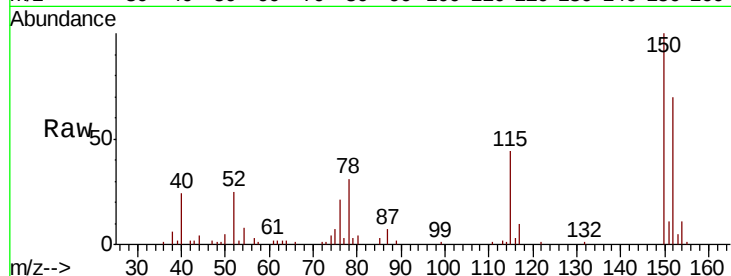


#1

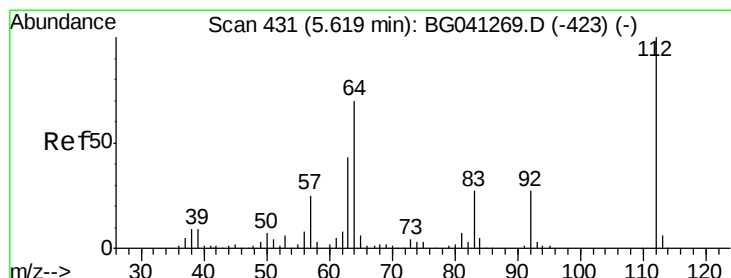
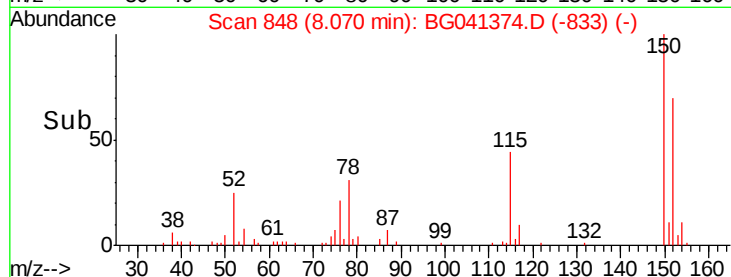
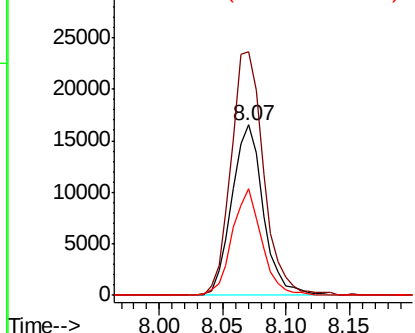
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB120785TB

Tot Ion:152 Resp: 28431
Ion Ratio Lower Upper
152 100
150 142.7 120.6 181.0
115 62.5 47.9 71.9



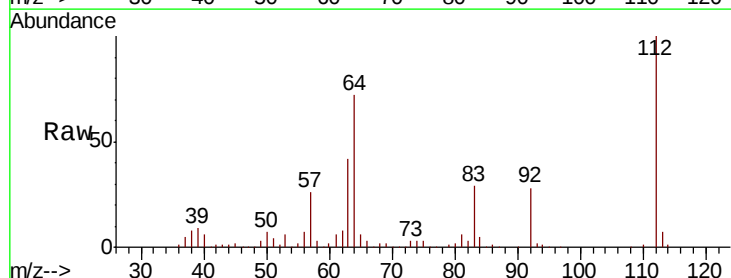
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



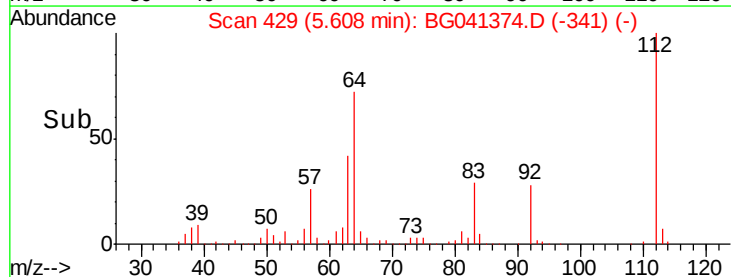
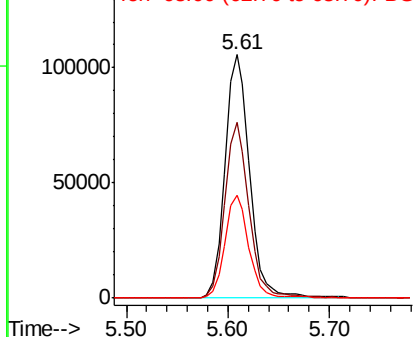
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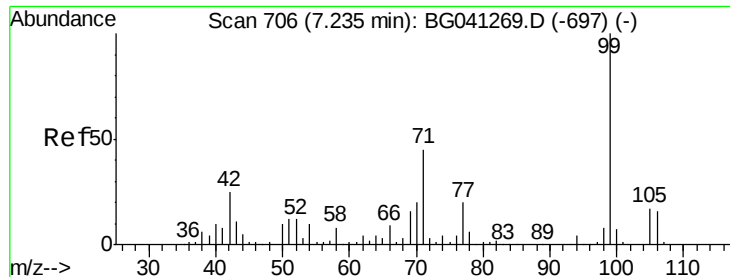
2-Fluorophenol
Concen: 114.815 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Tgt Ion:112 Resp: 177658
Ion Ratio Lower Upper
112 100
64 72.1 55.9 83.9
63 42.2 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: 112.435 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB120785TB

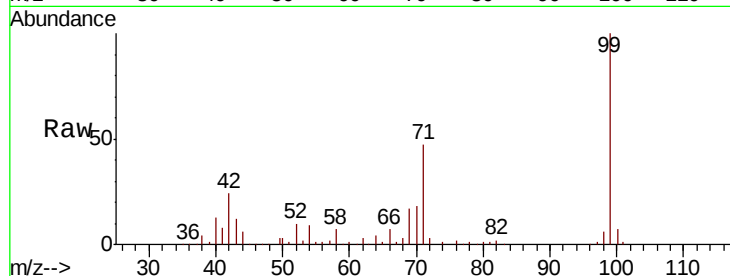
Tot Ion: 99 Resp: 252178

Ion Ratio Lower Upper

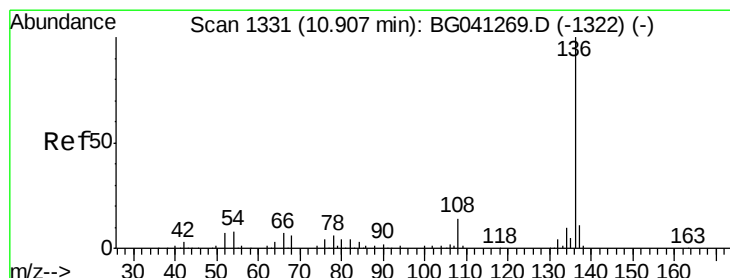
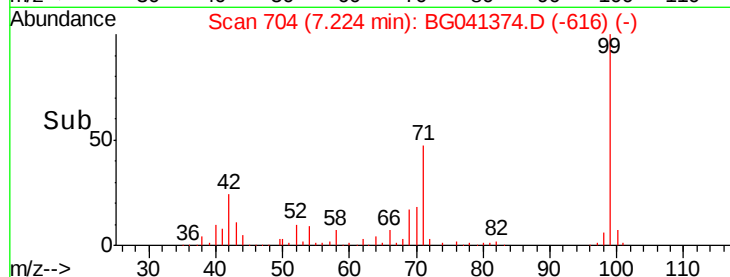
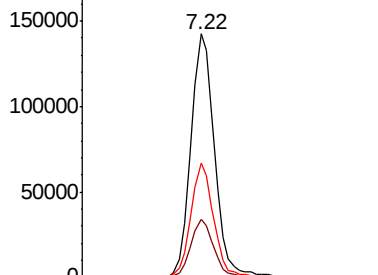
99 100

42 23.9 19.9 29.9

71 47.1 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: 10.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Tgt Ion: 136 Resp: 98898

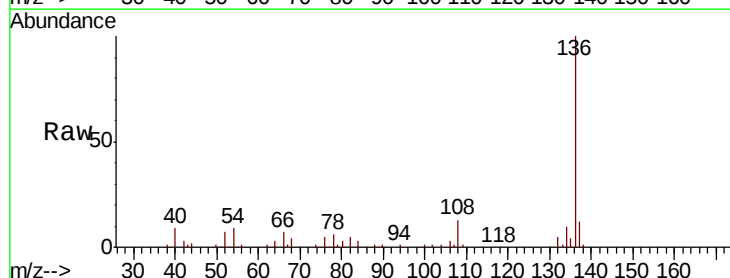
Ion Ratio Lower Upper

136 100

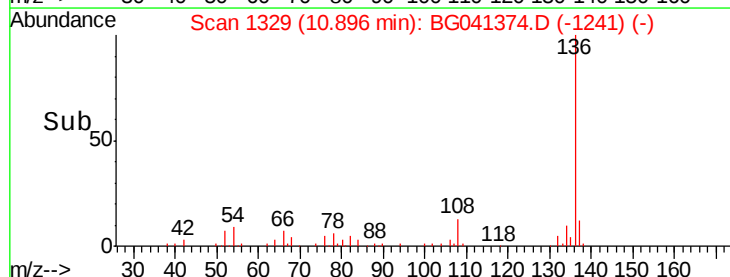
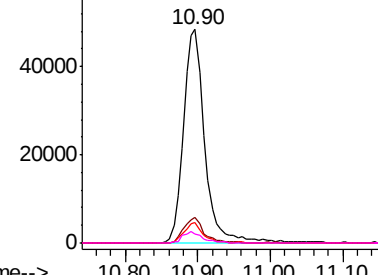
137 12.2 8.8 13.2

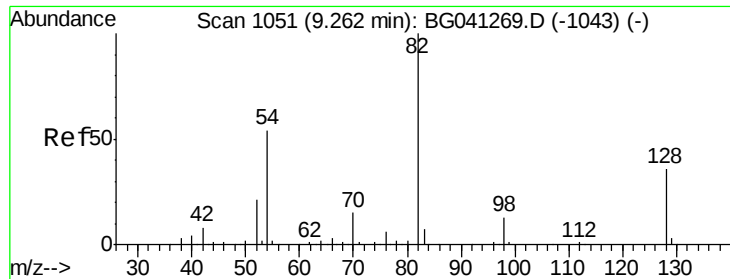
54 9.3 6.4 9.6

68 4.3 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

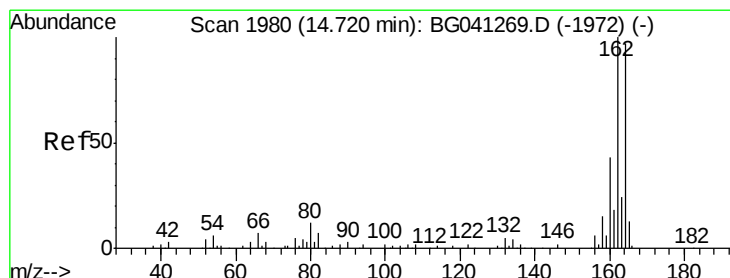
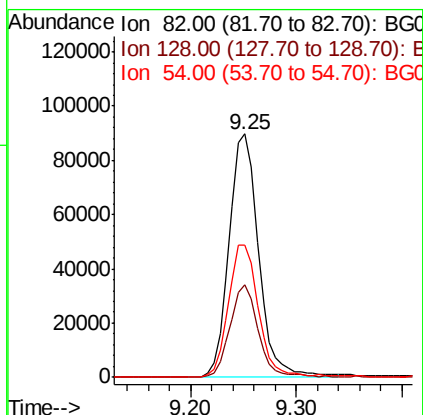
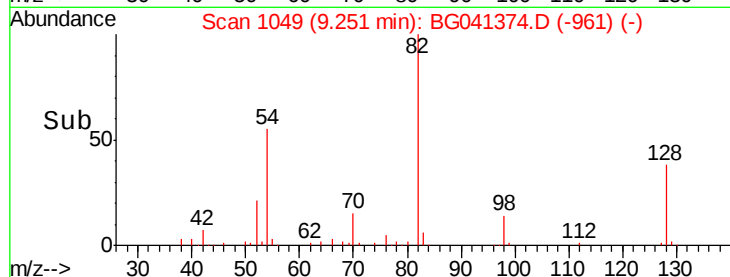
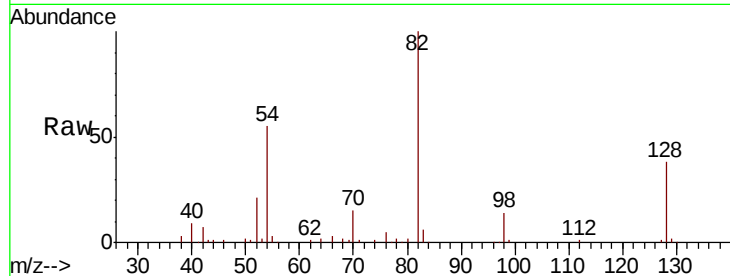




#23
 Nitrobenzene-d5
 Concen: 73.826 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

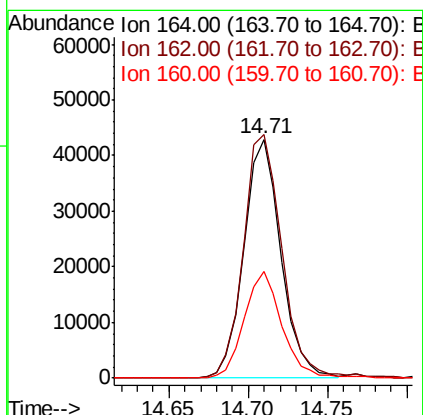
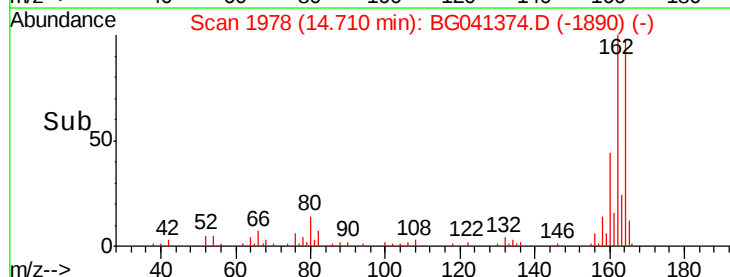
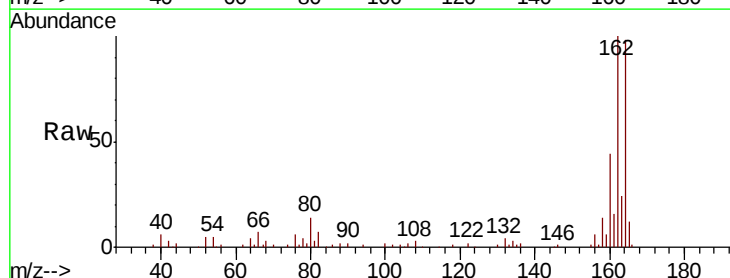
Instrument :
 BNA_G
 ClientSampleId :
 PB120785TB

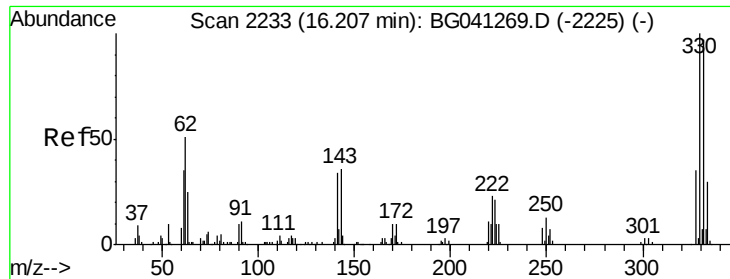
Tot Ion	82.00	Resp	173606
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.2	43.8
54	54.5	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

Tgt Ion	164.00	Resp	69560
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.8	124.2
160	44.4	35.8	53.8

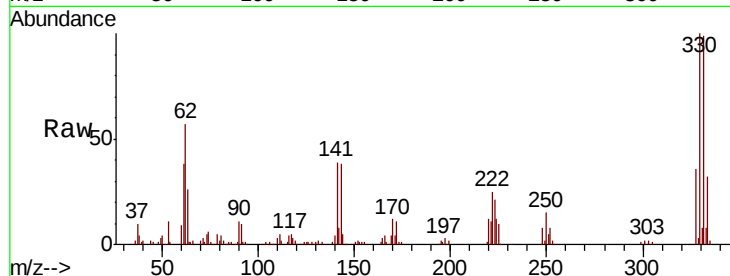




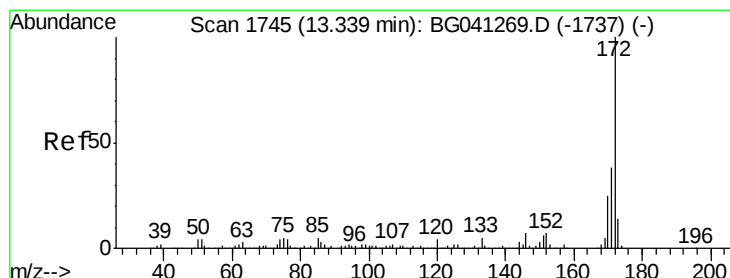
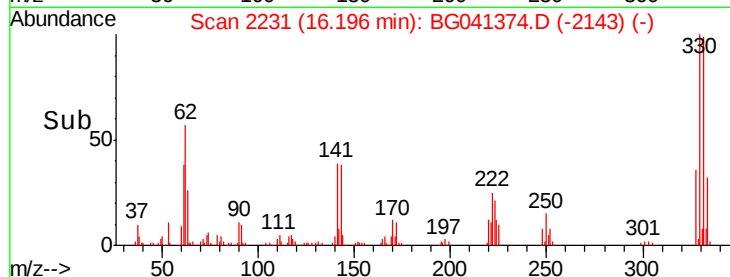
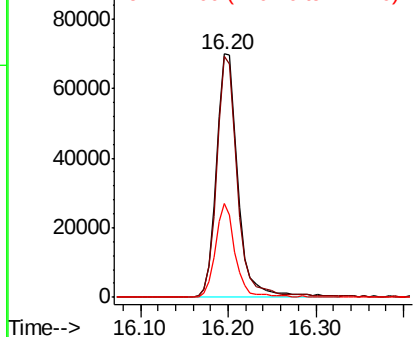
#42
 2,4,6-Tribromophenol
 Concen: 112.288 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB120785TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.5	113.3
141	35.4	29.0	43.4

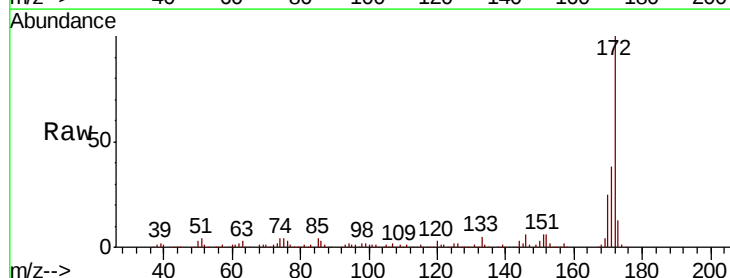


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

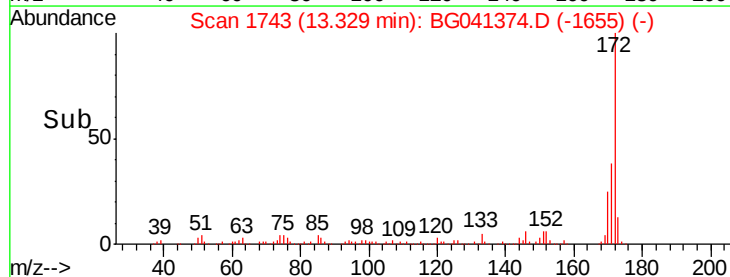
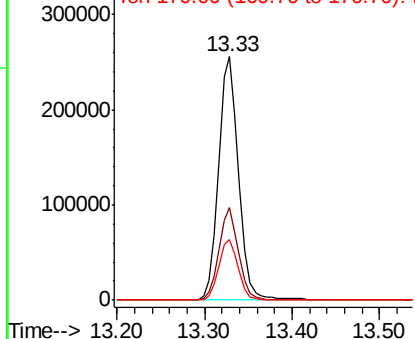


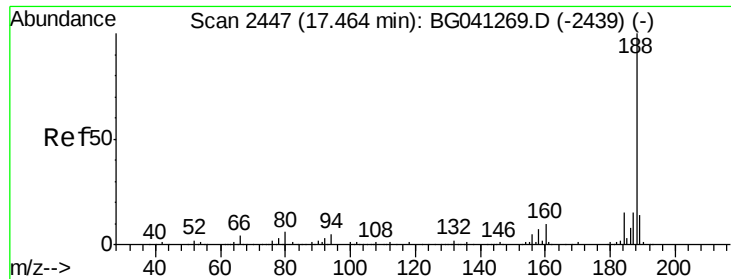
#45
 2-Fluorobiphenyl
 Concen: 79.003 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG041374.D
 Acq: 21 Jun 2019 12:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.6	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

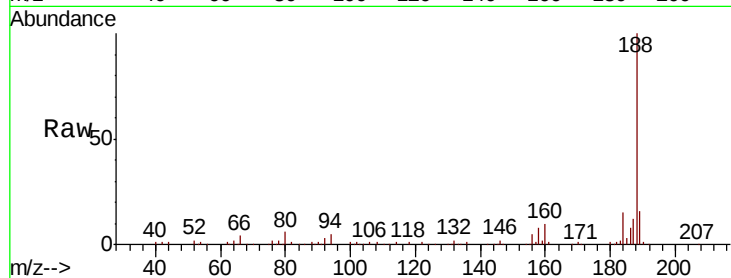




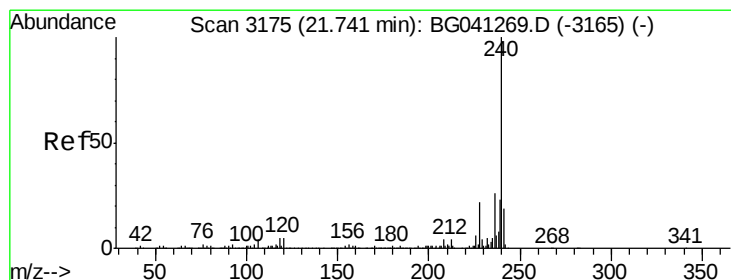
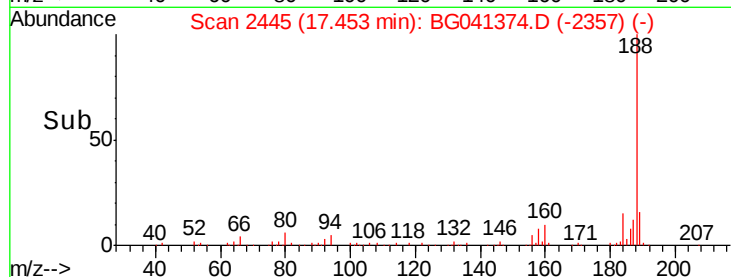
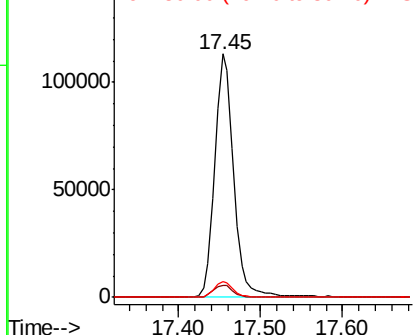
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Instrument :
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ClientSampleId :
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Tot Ion:188 Resp: 183744
Ion Ratio Lower Upper
188 100
94 4.7 3.6 5.4
80 6.3 4.8 7.2

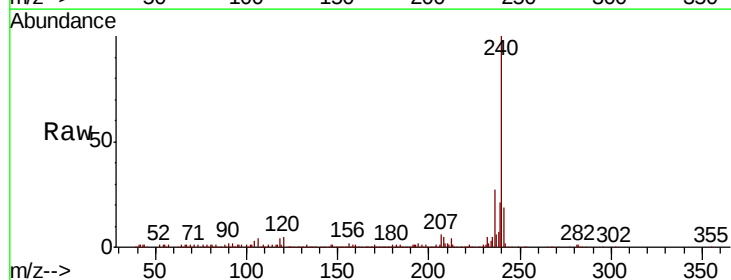


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

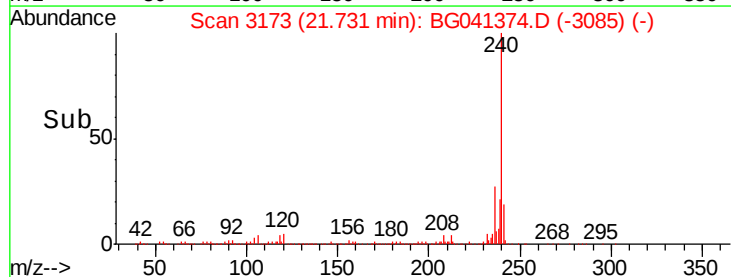
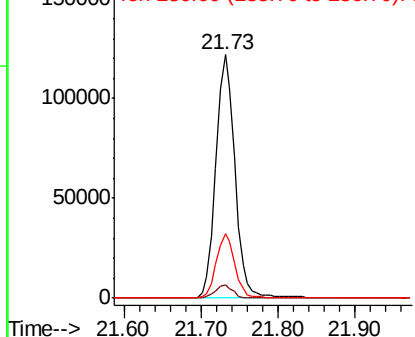


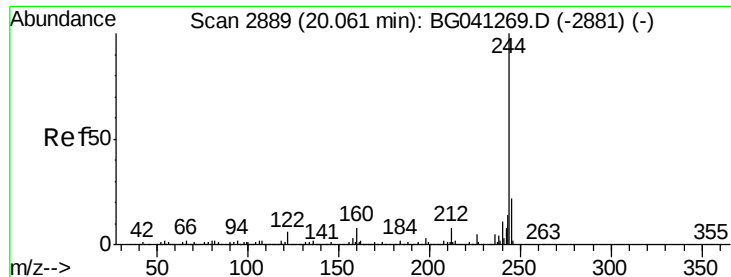
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041374.D
Acq: 21 Jun 2019 12:09

Tgt Ion:240 Resp: 207799
Ion Ratio Lower Upper
240 100
120 5.4 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: 81.510 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB120785TB

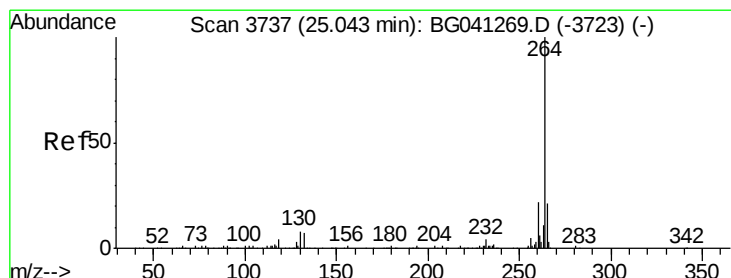
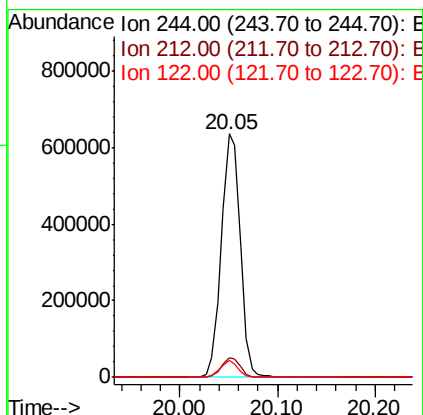
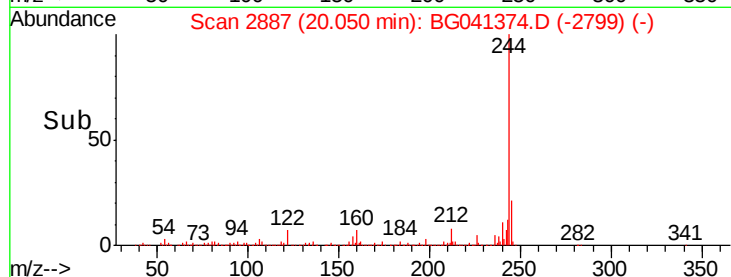
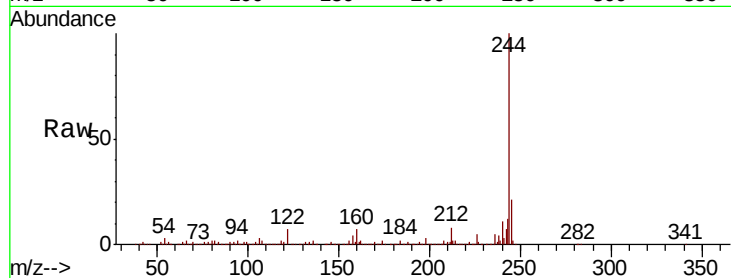
Tot Ion:244 Resp: 854663

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

122 6.9 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041374.D

Acq: 21 Jun 2019 12:09

Tgt Ion:264 Resp: 219505

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.2

265 21.8 17.2 25.8

