

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041840.D
 Acq On : 31 Jul 2019 19:29
 Operator : HP/JU
 Sample : K3622-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Quant Time: Aug 01 02:31:56 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	39940	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	178459	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	158773	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	570625	20.00	ng	0.00
76) Chrysene-d12	21.73	240	764295	20.00	ng	0.00
87) Perylene-d12	25.01	264	796298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	298139	145.23	ng	0.00
7) Phenol-d6	7.19	99	388931	140.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	283875	109.47	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	437149	242.40	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	866851	96.29	ng	-0.01
79) Terphenyl-d14	20.07	244	2933883	87.84	ng	0.00

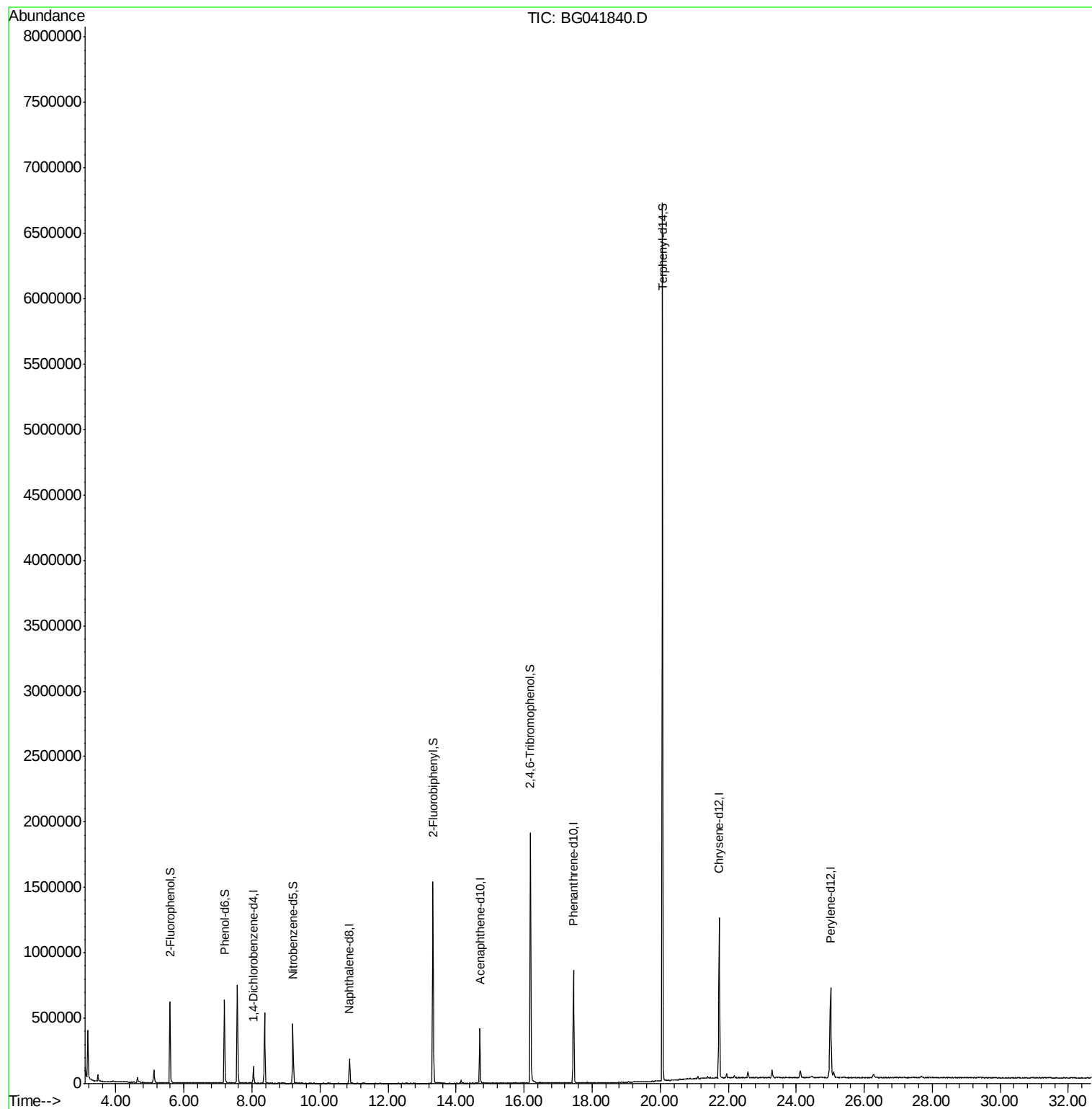
Target Compounds Qvalue

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

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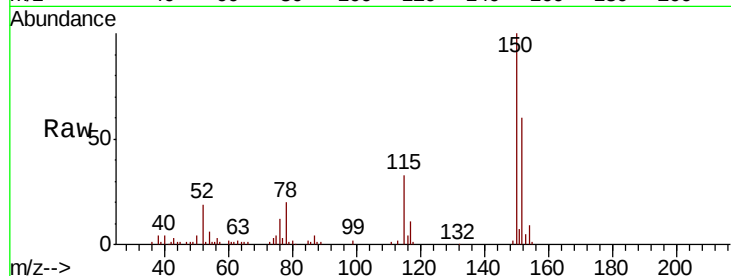


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041840.D
Acq: 31 Jul 2019 19:29

Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.8	126.9	190.3
115	55.4	45.0	67.6

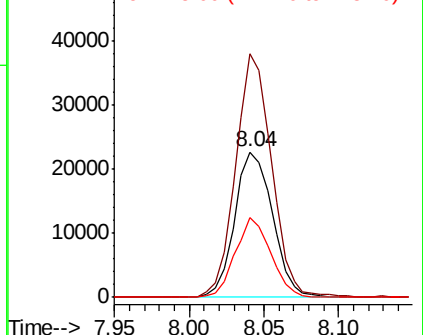
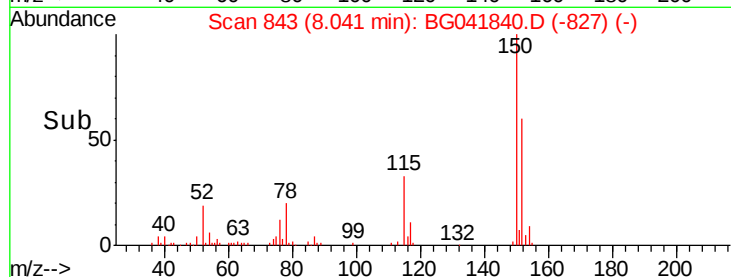


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

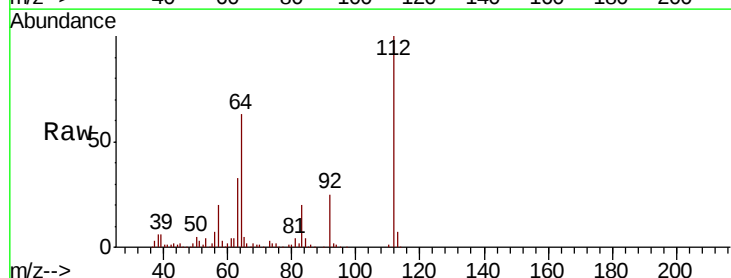
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.234 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG041840.D
Acq: 31 Jul 2019 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	55.4	83.2
63	33.5	29.1	43.7

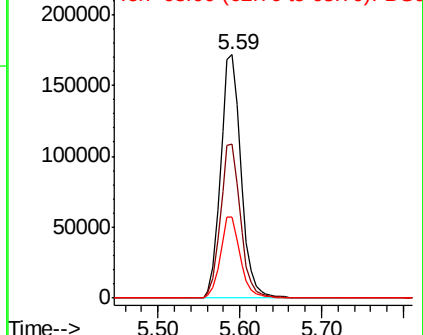
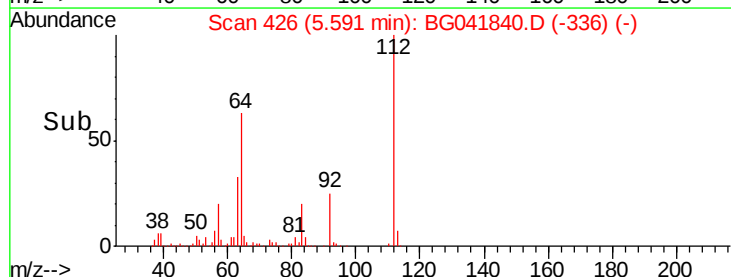


Abundance

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: 140.534 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041840.D

Acq: 31 Jul 2019 19:29

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

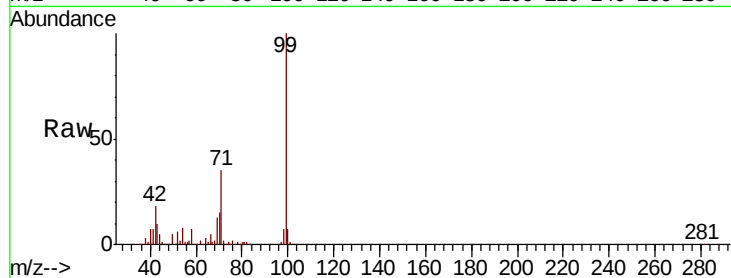
Tot Ion: 99 Resp: 388931

Ion Ratio Lower Upper

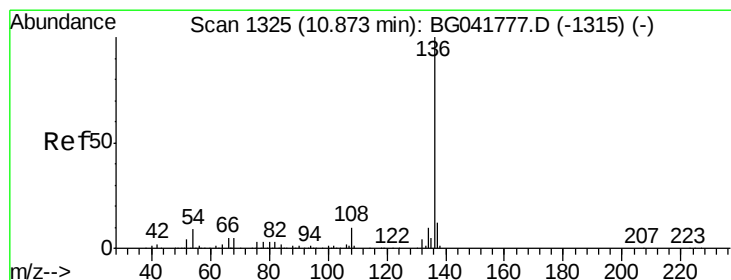
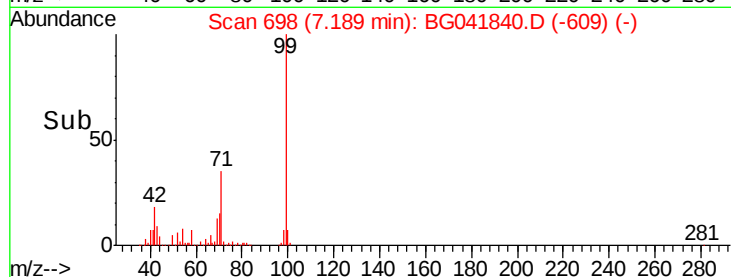
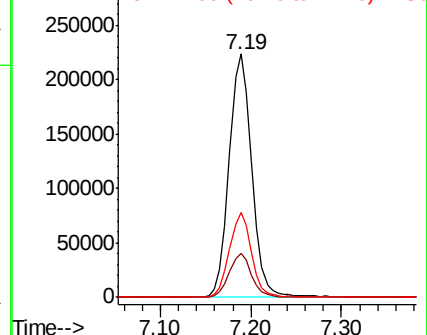
99 100

42 18.2 17.6 26.4

71 34.6 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: BG041840.D

Acq: 31 Jul 2019 19:29

Tgt Ion: 136 Resp: 178459

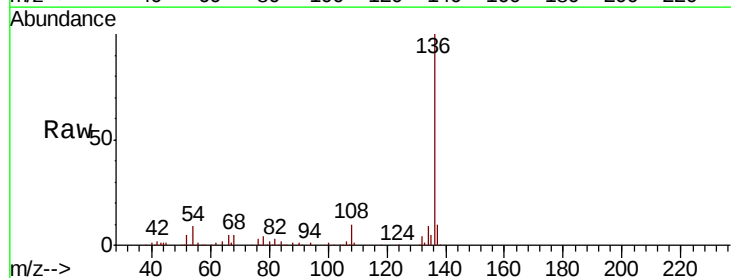
Ion Ratio Lower Upper

136 100

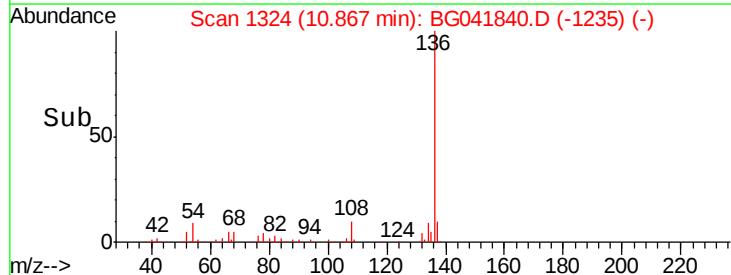
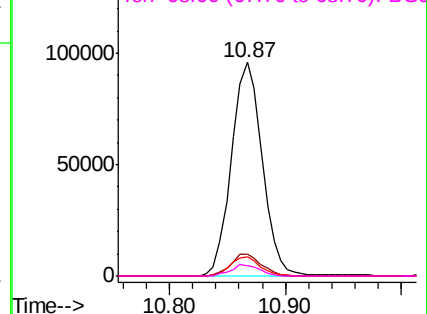
137 10.4 9.2 13.8

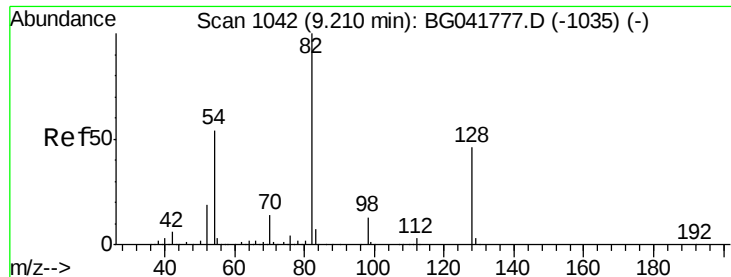
54 8.7 8.7 13.1

68 4.9 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

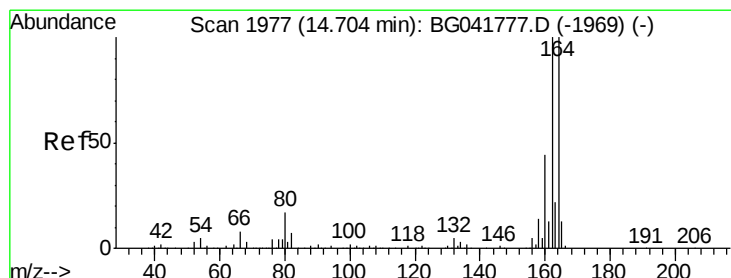
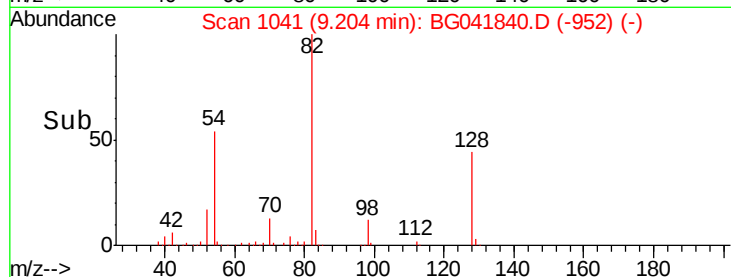
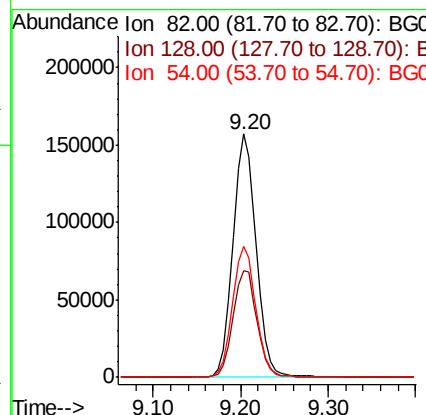
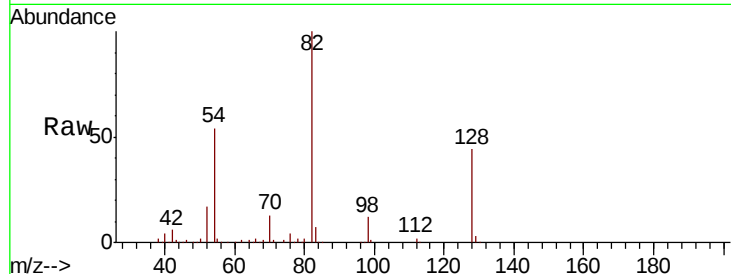




#23
Nitrobenzene-d5
Concen: 109.466 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041840.D
Acq: 31 Jul 2019 19:29

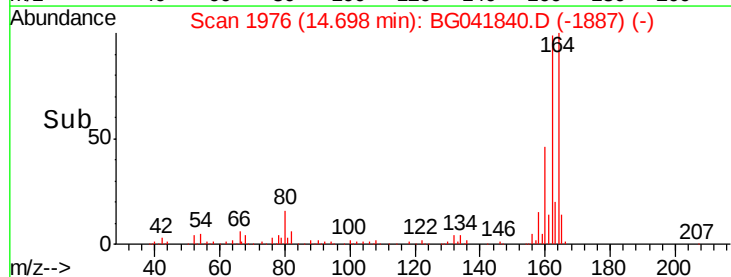
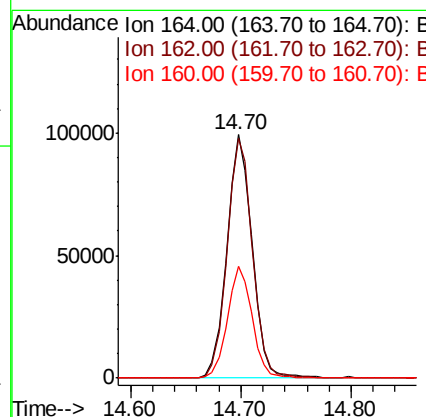
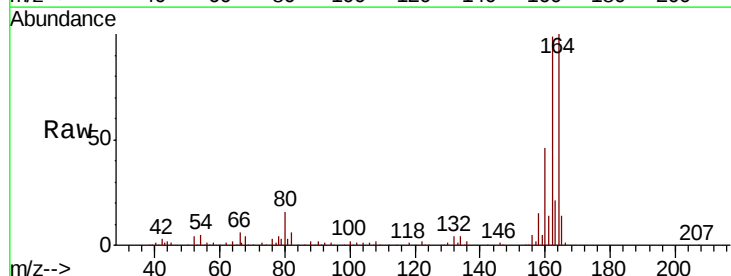
Instrument :
BNA_G
ClientSampleId :
OR-03-072919-A

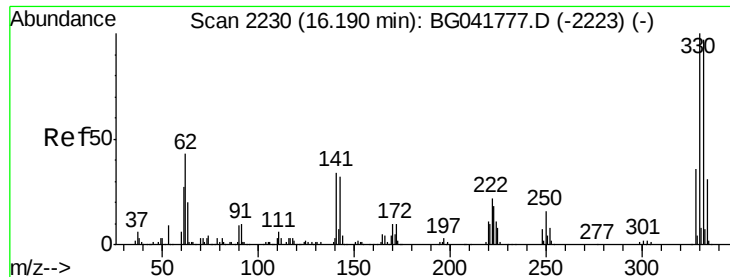
Tot Ion	82	Resp	283875
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.1	52.7
54	53.6	48.7	73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041840.D
Acq: 31 Jul 2019 19:29

Tgt Ion	164	Resp	158773
Ion Ratio	Lower	Upper	
164	100		
162	98.5	79.6	119.4
160	45.8	35.4	53.0

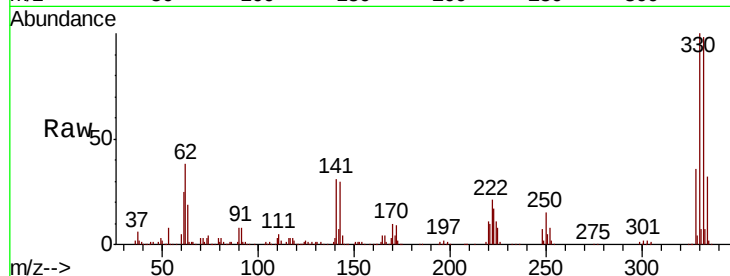




#42
 2,4,6-Tribromophenol
 Concen: 242.397 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG041840.D
 Acq: 31 Jul 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	32.5	31.9	47.9

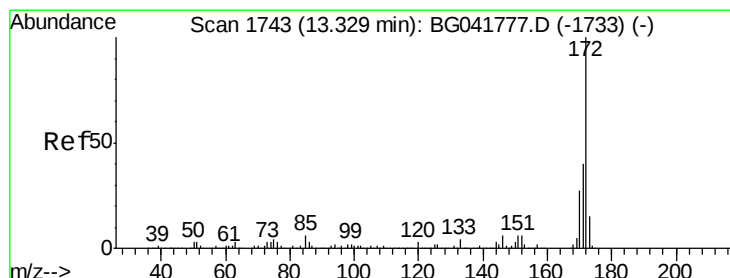
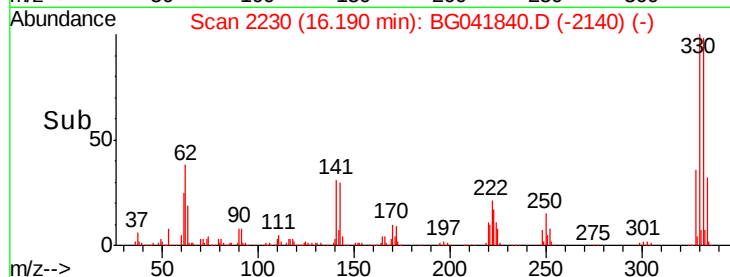
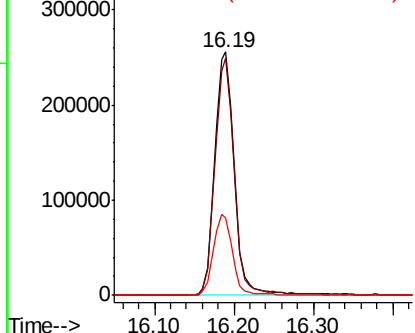


Abundance

Ion 329.80 (329.50 to 330.50): E

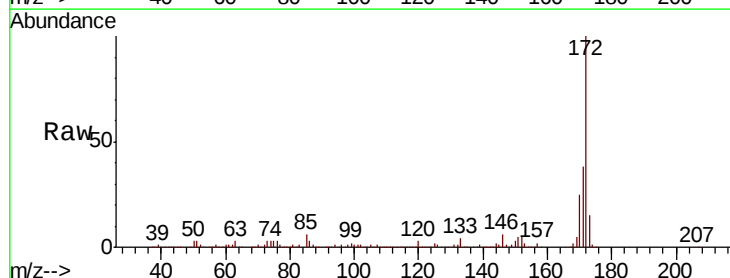
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.294 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041840.D
 Acq: 31 Jul 2019 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	35.0	52.4
170	25.0	23.5	35.3

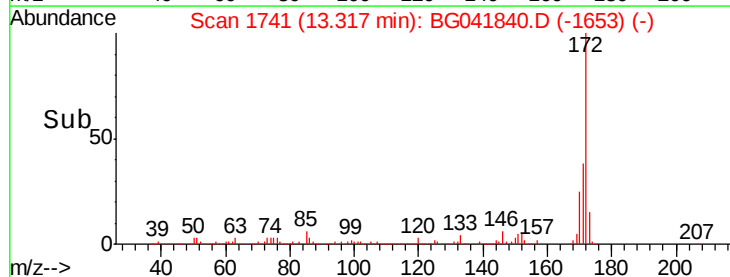
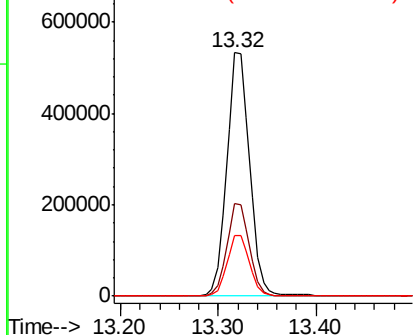


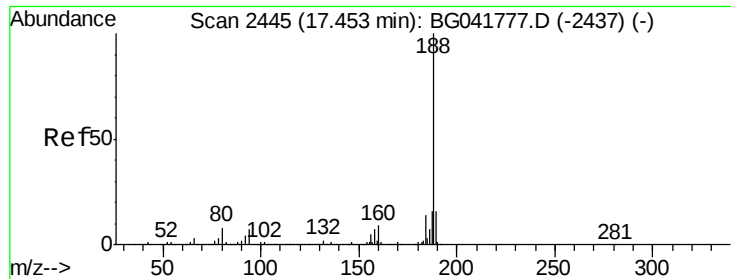
Abundance

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: BG041840.D

Acq: 31 Jul 2019 19:29

Instrument :

BNA_G

ClientSampleId :

OR-03-072919-A

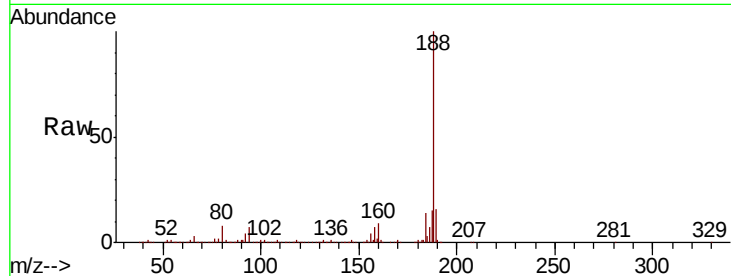
Tot Ion:188 Resp: 570625

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

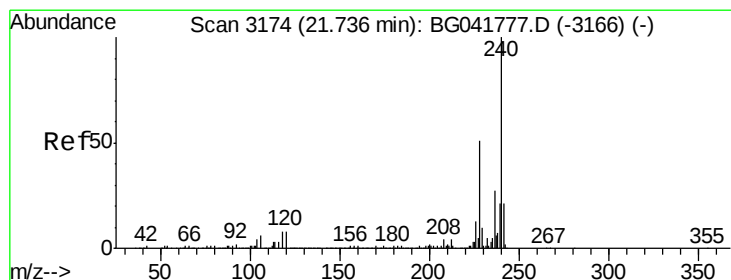
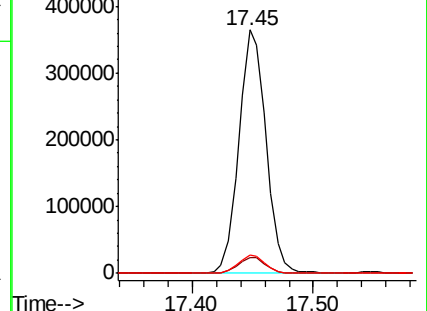
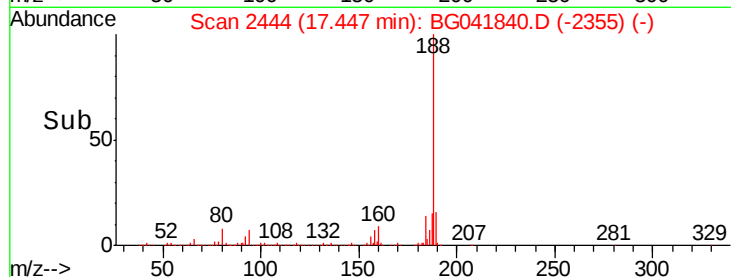
80 7.6 8.0 12.0#



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: BG041840.D

Acq: 31 Jul 2019 19:29

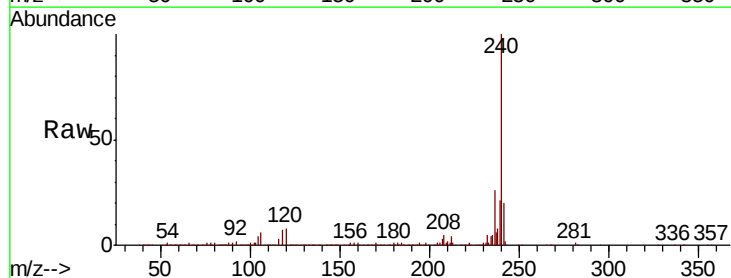
Tgt Ion:240 Resp: 764295

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

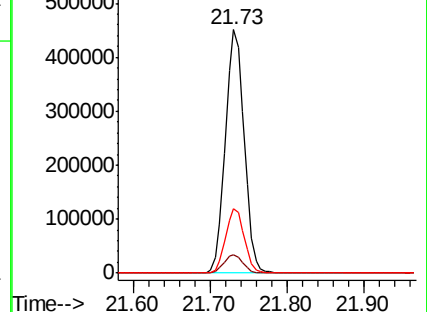
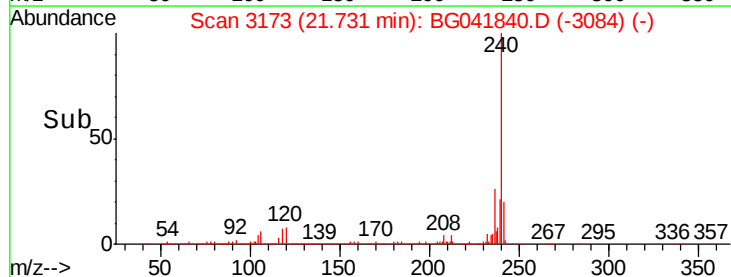
236 26.4 22.6 33.8

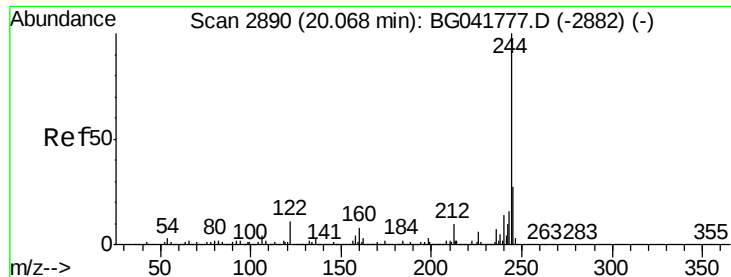


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.839 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041840.D

Acq: 31 Jul 2019 19:29

Instrument :

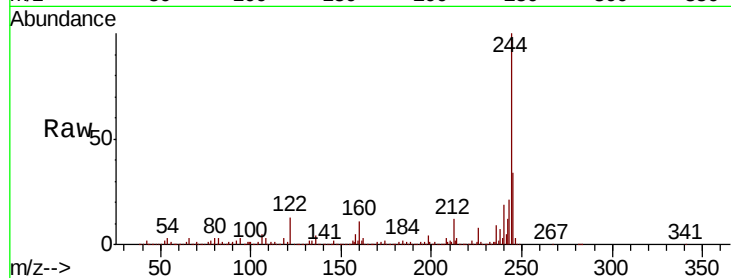
BNA_G

ClientSampleId :

OR-03-072919-A

Tot Ion:244 Resp: 2933883

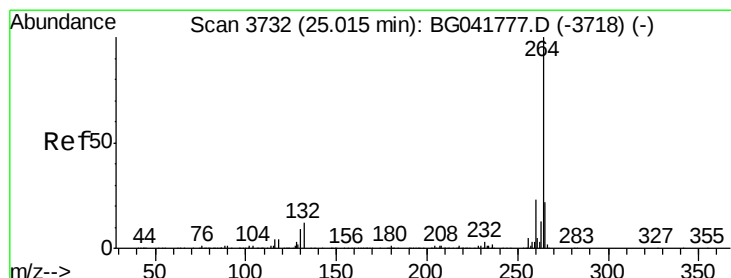
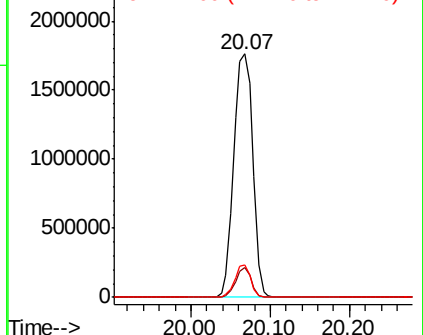
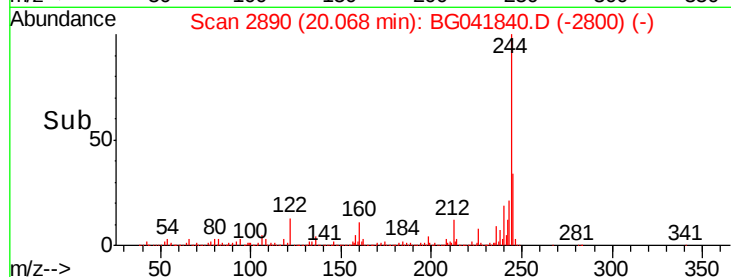
Ion	Ratio	Lower	Upper
244	100		
212	12.4	9.7	14.5
122	13.3	12.5	18.7



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: 25.01 min Scan# 3731

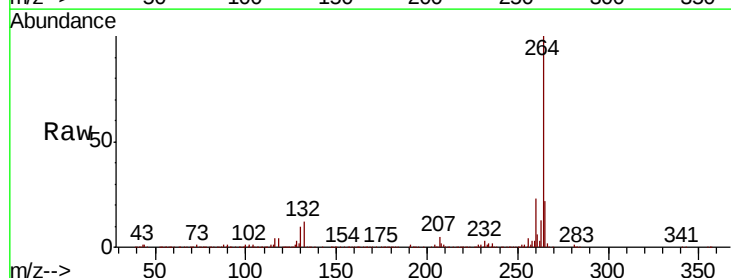
Delta R.T. -0.01 min

Lab File: BG041840.D

Acq: 31 Jul 2019 19:29

Tgt Ion:264 Resp: 796298

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.0	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

