

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041616.D
 Acq On : 5 Jul 2019 17:57
 Operator : HP/JU
 Sample : K3646-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-011RE

Quant Time: Jul 06 00:13:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

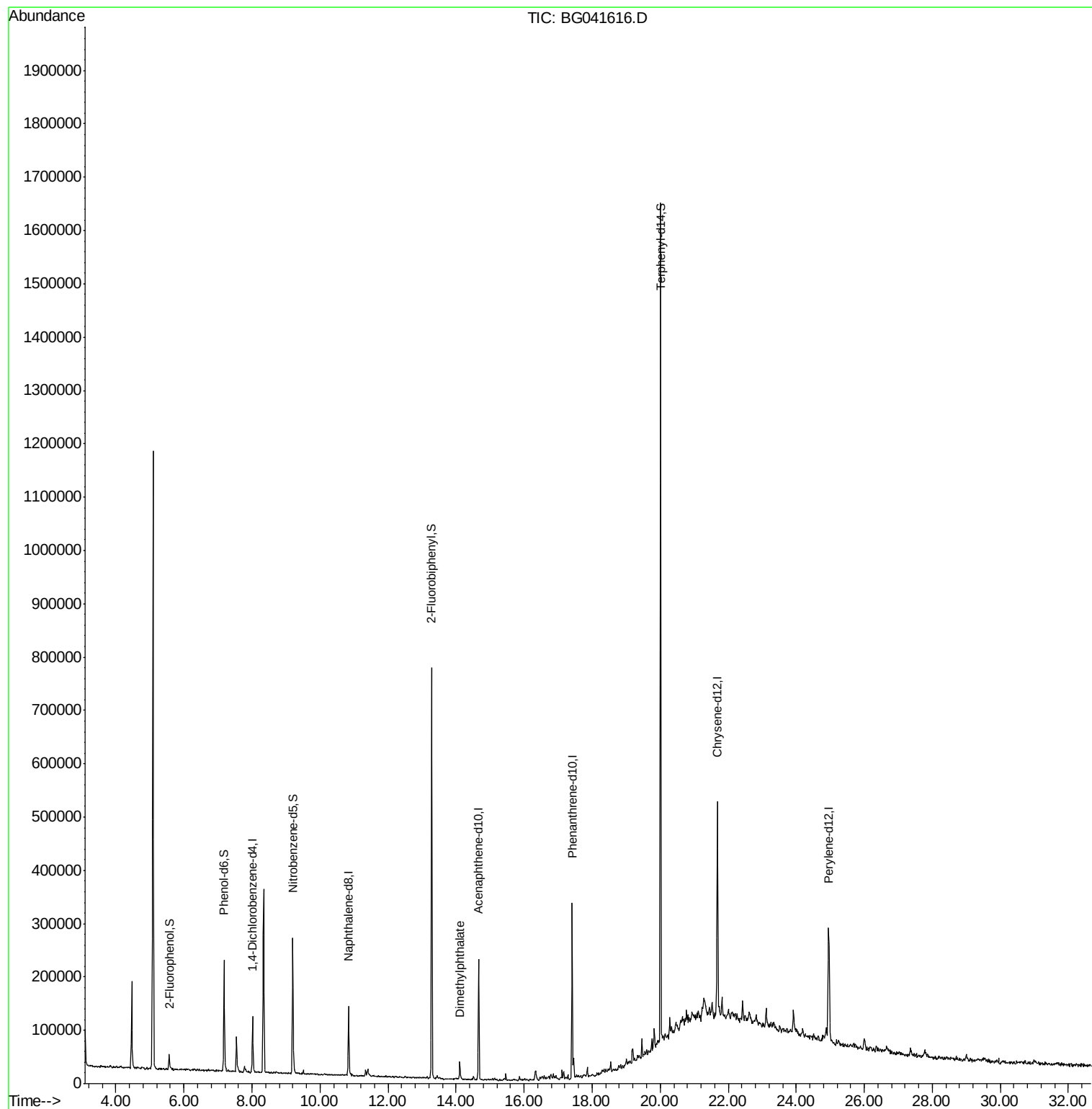
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30569	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	109415	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	77556	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	204009	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	236233	20.00	ng	-0.01
87) Perylene-d12	24.96	264	259600	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	14321	8.35	ng	0.00
7) Phenol-d6	7.18	99	116493	48.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	159886	60.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	58	0.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	402094	66.53	ng	-0.01
79) Terphenyl-d14	20.01	244	801458	72.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.11	163	23576	3.340	ng	Qvalue # 96

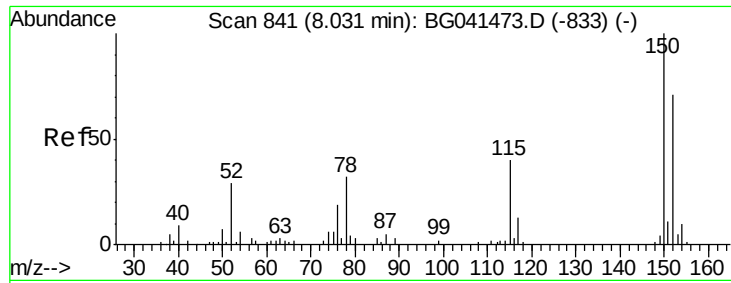
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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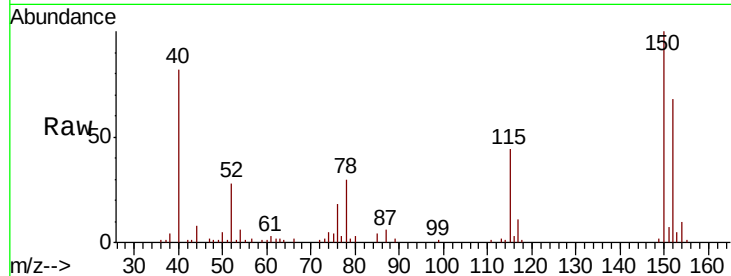


#1

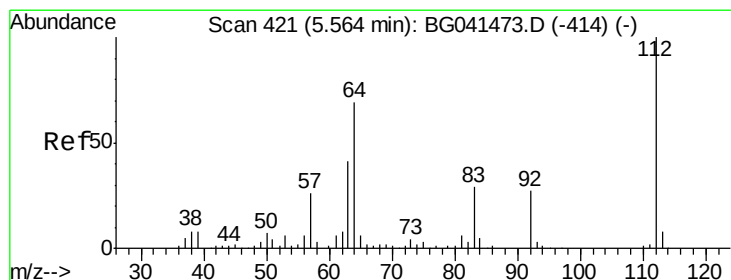
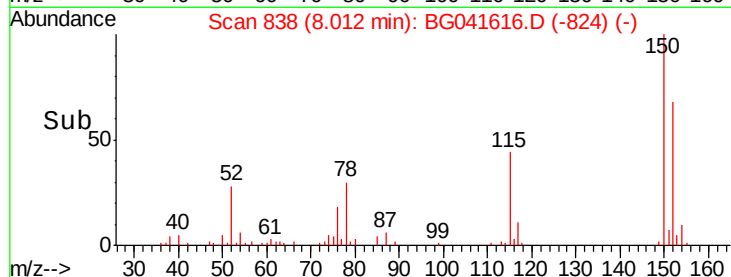
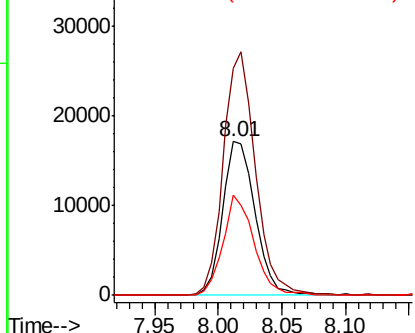
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG041616.D
Acq: 5 Jul 2019 17:57

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-011RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	112.4	168.6
115	65.2	44.6	66.8



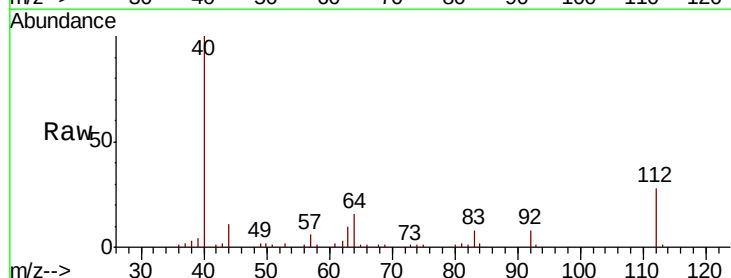
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



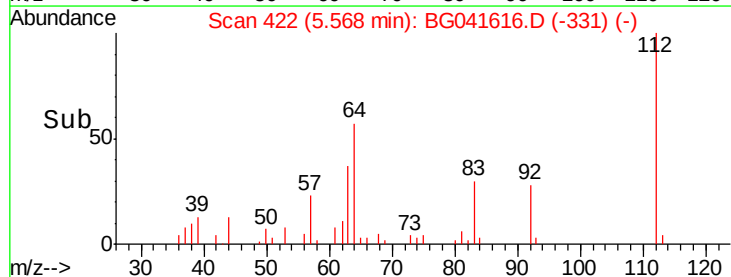
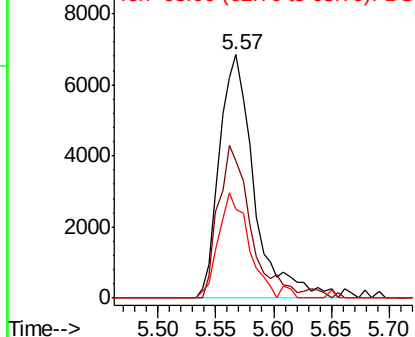
#5

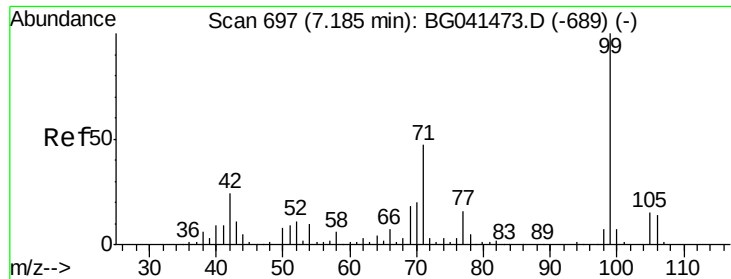
2-Fluorophenol
Concen: 8.352 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041616.D
Acq: 5 Jul 2019 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	55.1	82.7
63	36.6	32.4	48.6



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: 48.263 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041616.D

Acq: 5 Jul 2019 17:57

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-011RE

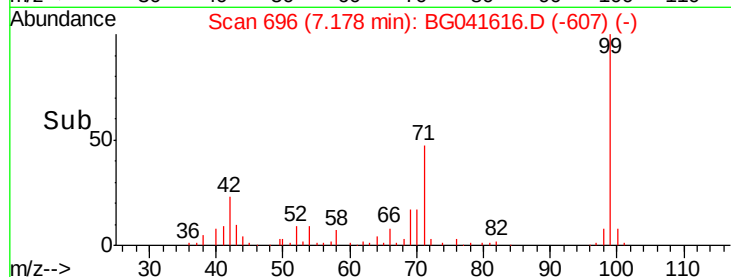
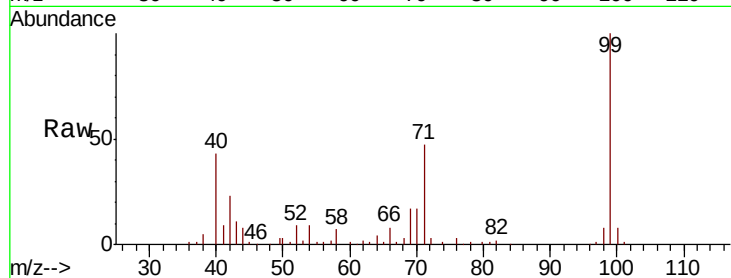
Tot Ion: 99 Resp: 116493

Ion Ratio Lower Upper

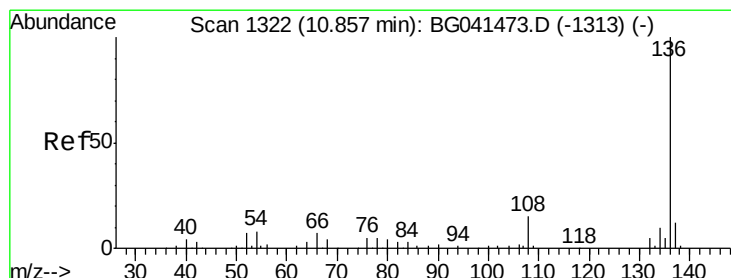
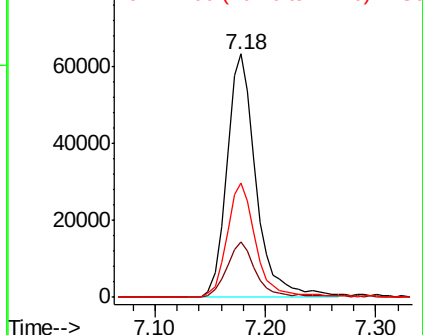
99 100

42 22.5 19.0 28.6

71 47.1 37.4 56.2



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: 10.84 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BG041616.D

Acq: 5 Jul 2019 17:57

Tgt Ion: 136 Resp: 109415

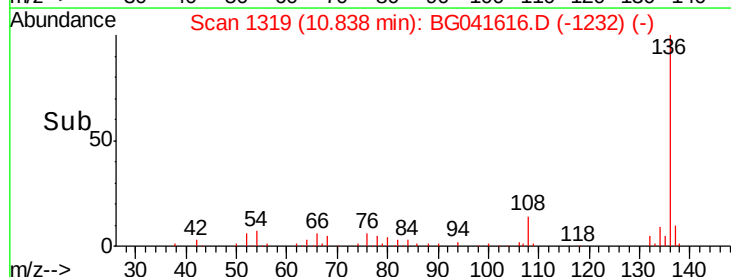
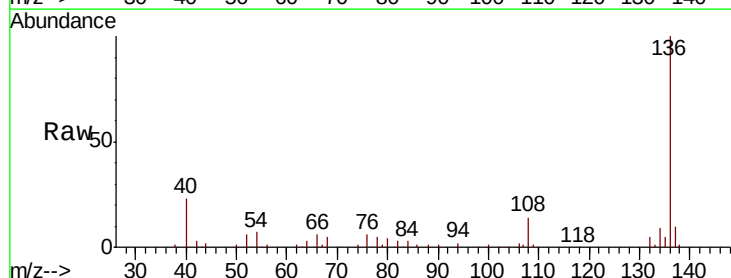
Ion Ratio Lower Upper

136 100

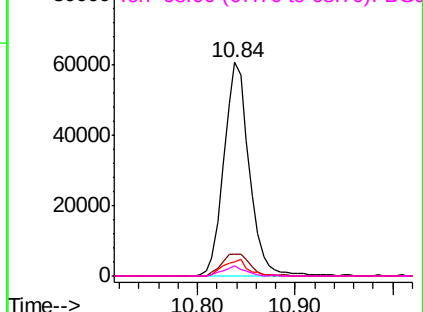
137 10.0 9.3 13.9

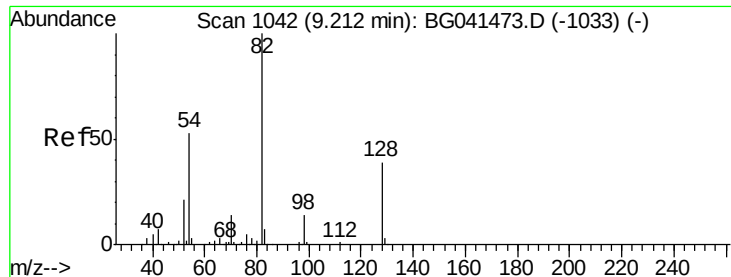
54 6.6 7.1 10.7#

68 4.5 3.3 4.9



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

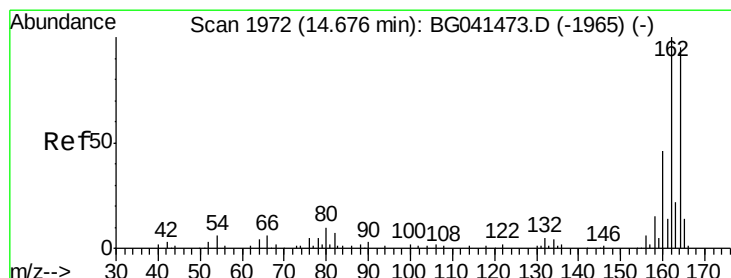
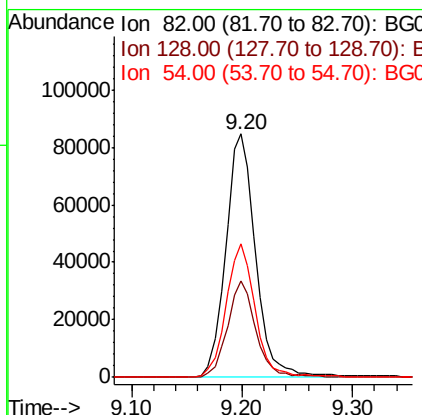
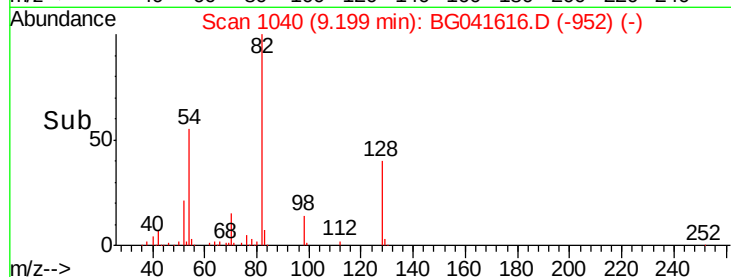
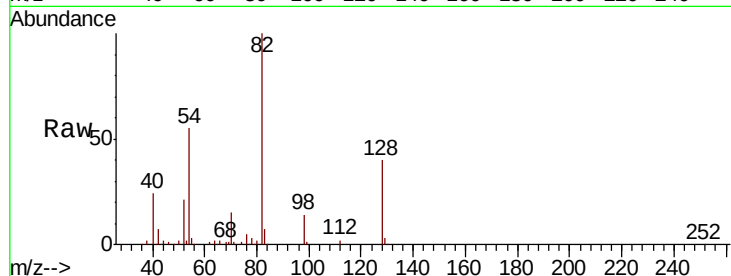




#23
Nitrobenzene-d5
Concen: 60.946 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041616.D
Acq: 5 Jul 2019 17:57

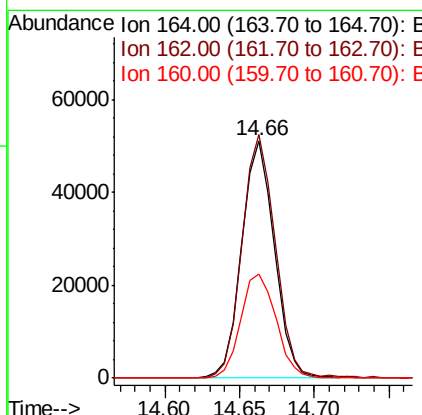
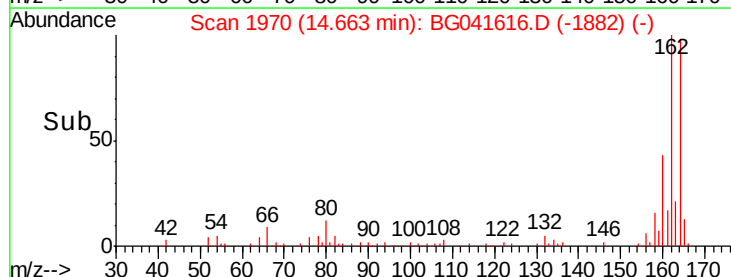
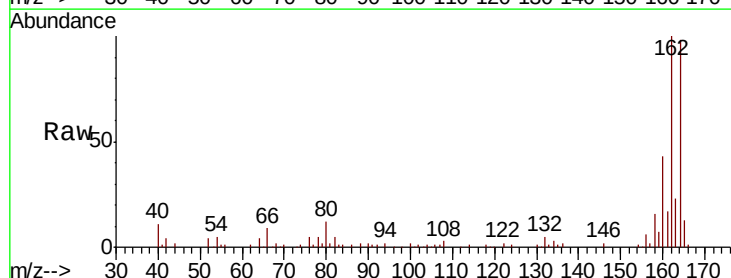
Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-011RE

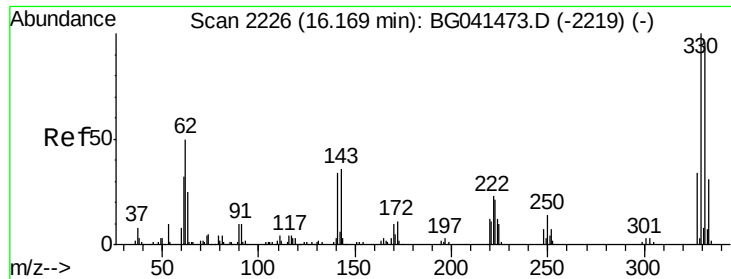
Tot Ion	82	Resp	159886
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.9	46.3
54	55.0	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041616.D
Acq: 5 Jul 2019 17:57

Tgt Ion	164	Resp	77556
Ion Ratio	Lower	Upper	
164	100		
162	102.4	84.4	126.6
160	43.6	38.8	58.2

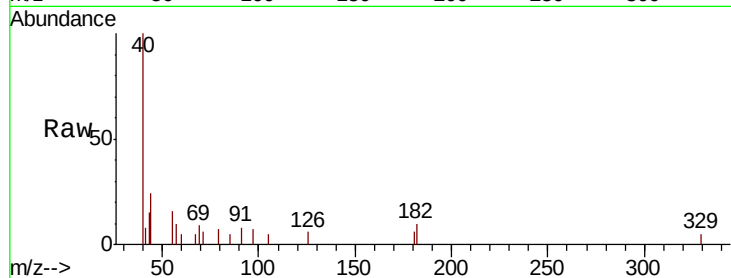




#42
 2,4,6-Tribromophenol
 Concen: 0.044 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041616.D
 Acq: 5 Jul 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-011RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	75.5	113.3#
141	112.1	27.8	41.6#

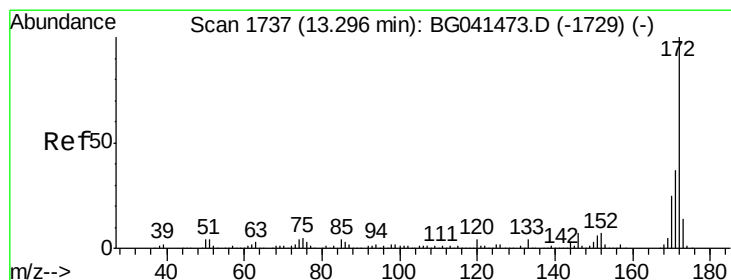
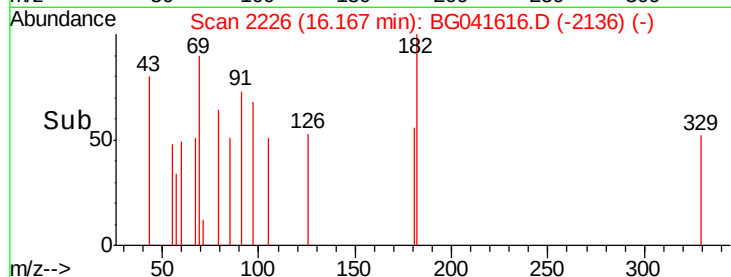
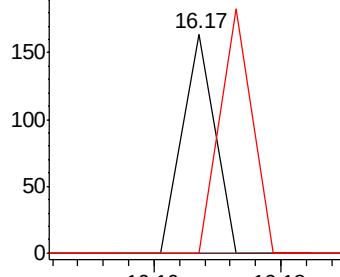


Abundance

Ion 329.80 (329.50 to 330.50): E

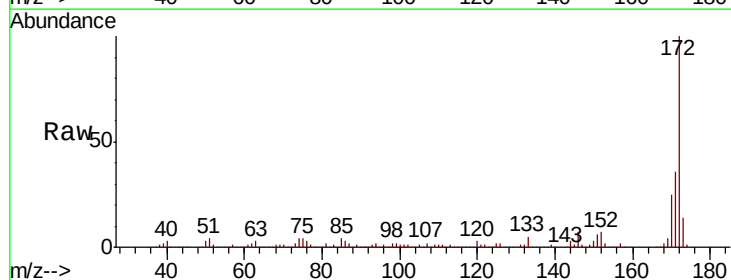
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.531 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG041616.D
 Acq: 5 Jul 2019 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.5	20.0	30.0

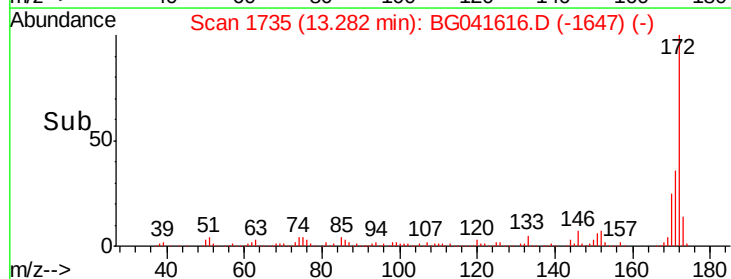
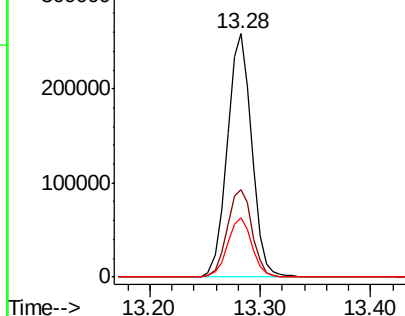


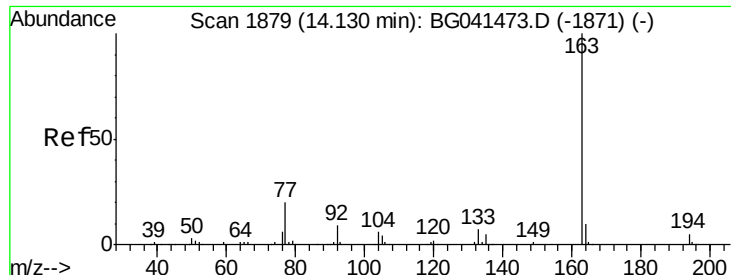
Abundance

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





#50

Dimethylphthalate

Concen: 3.340 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041616.D

Acq: 5 Jul 2019 17:57

Instrument :

BNA_G

ClientSampleId :

FK-0D015-03-011RE

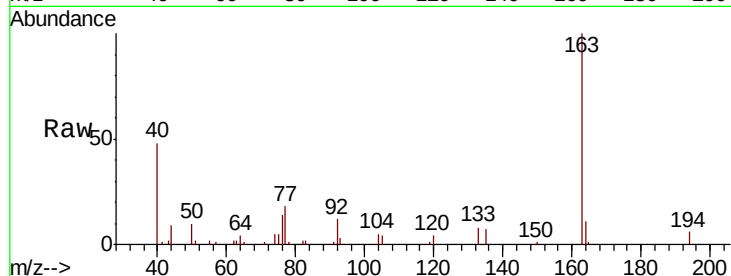
Tot Ion:163 Resp: 23576

Ion Ratio Lower Upper

163 100

194 5.9 3.7 5.5#

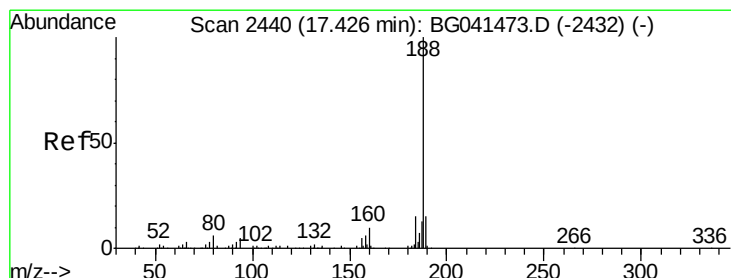
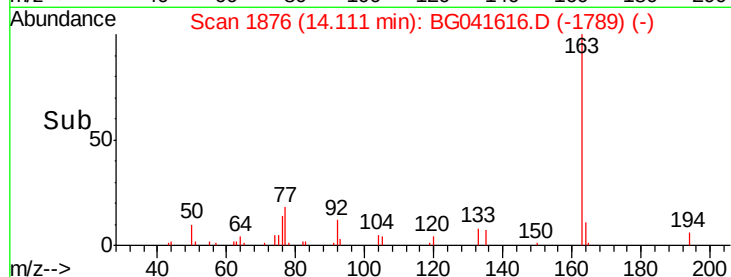
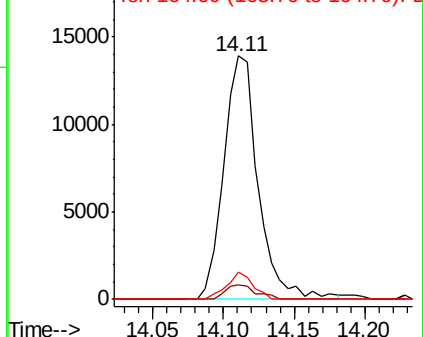
164 11.3 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG041616.D

Acq: 5 Jul 2019 17:57

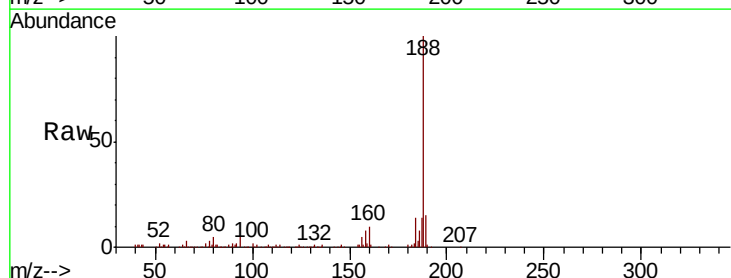
Tgt Ion:188 Resp: 204009

Ion Ratio Lower Upper

188 100

94 4.7 3.8 5.8

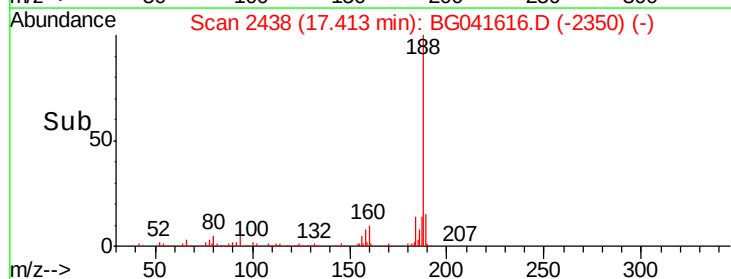
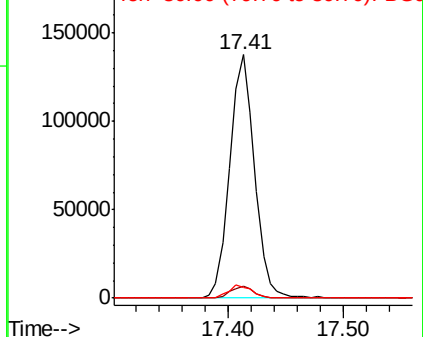
80 4.6 4.8 7.2#

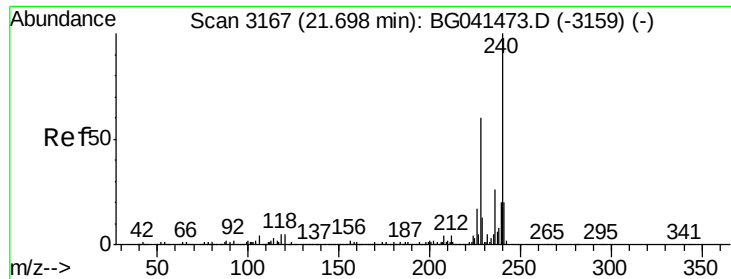


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

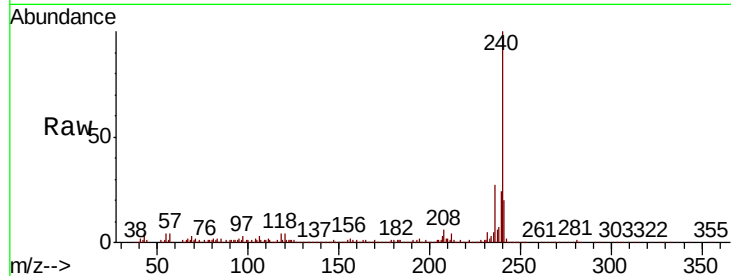




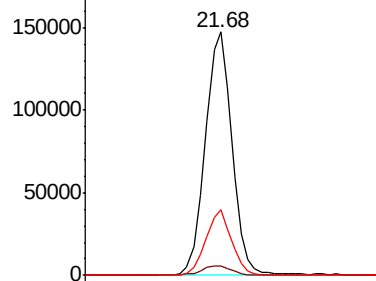
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG041616.D
Acq: 5 Jul 2019 17:57

Instrument :
BNA_G
ClientSampleId :
FK-0D015-03-011RE

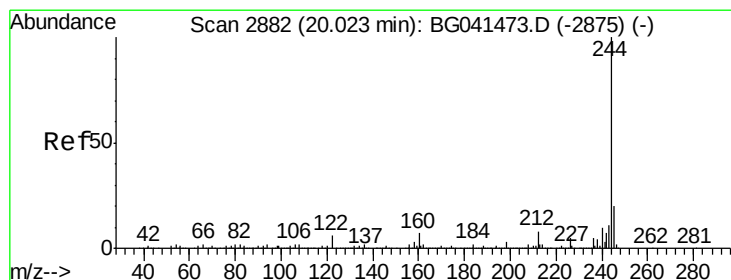
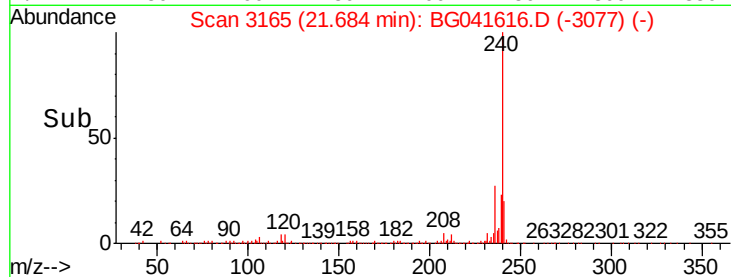
Tot Ion:240 Resp: 236233
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 26.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

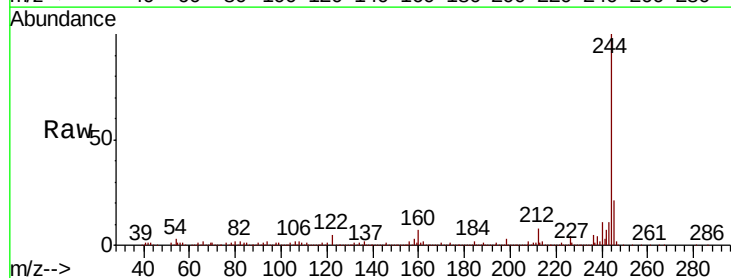


Time-->

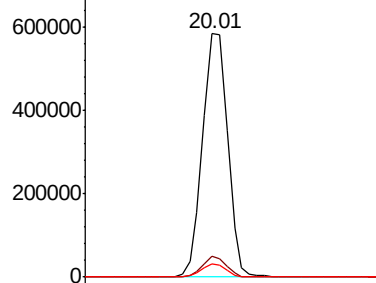


#79
Terphenyl-d14
Concen: 72.097 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG041616.D
Acq: 5 Jul 2019 17:57

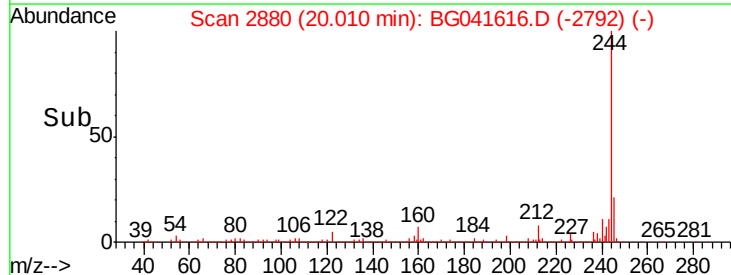
Tgt Ion:244 Resp: 801458
Ion Ratio Lower Upper
244 100
212 8.5 6.2 9.4
122 5.2 4.8 7.2

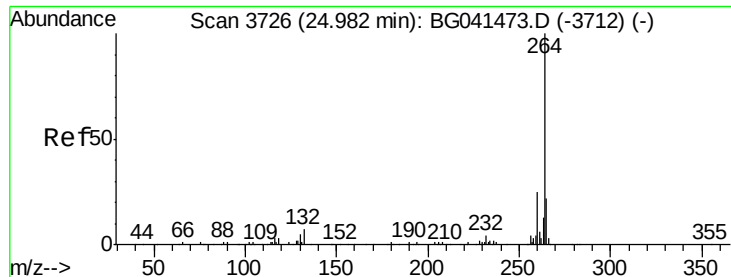


Abundance Ion 244.00 (243.70 to 244.70): E
800000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3723
 Delta R.T. -0.02 min
 Lab File: BG041616.D
 Acq: 5 Jul 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 FK-0D015-03-011RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.7	29.5
265	20.5	17.4	26.2

