

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042996.D
 Acq On : 2 Oct 2019 22:18
 Operator : JU
 Sample : K5133-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Quant Time: Oct 03 05:40:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

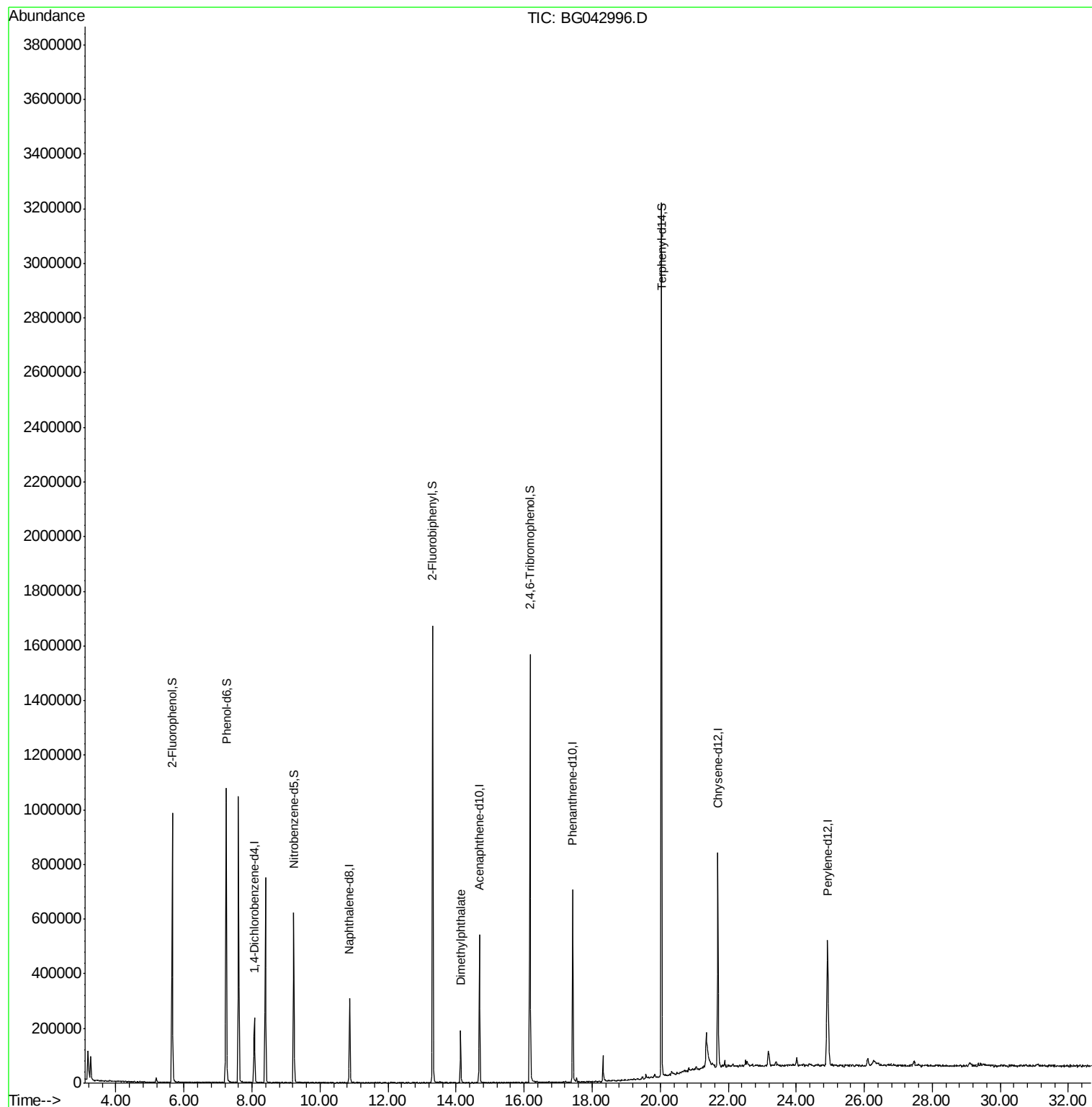
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67843	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	261678	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	185923	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	443779	20.00	ng	0.00
76) Chrysene-d12	21.70	240	473326	20.00	ng	-0.02
87) Perylene-d12	24.92	264	552412	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	420736	110.68	ng	0.00
7) Phenol-d6	7.24	99	608908	111.23	ng	0.00
23) Nitrobenzene-d5	9.23	82	379059	70.41	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	341384	106.78	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	900459	70.21	ng	-0.01
79) Terphenyl-d14	20.04	244	1583100	71.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	125780	9.029	ng	Qvalue 99

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

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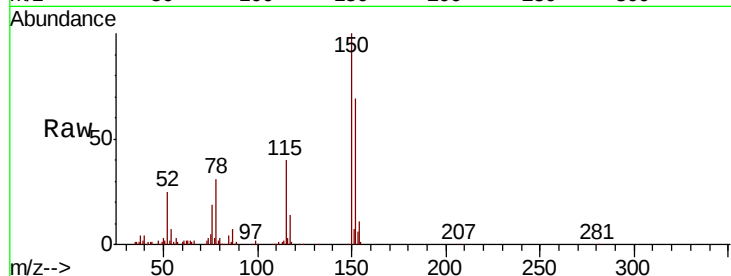


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Instrument :
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ClientSampleId :
S-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	115.0	172.4
115	58.0	47.0	70.6

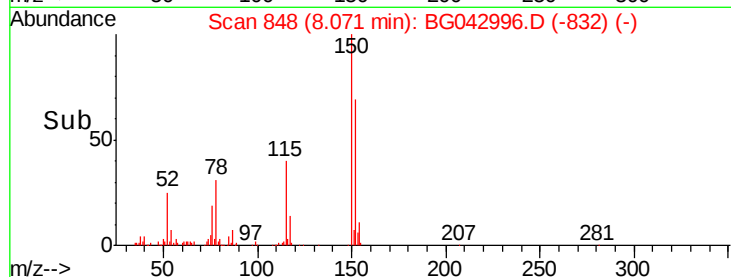
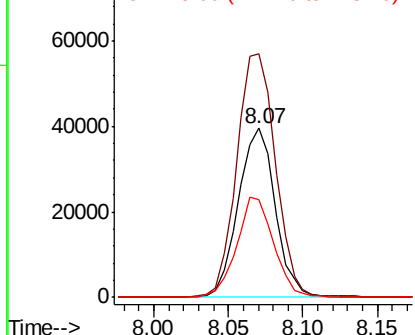


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

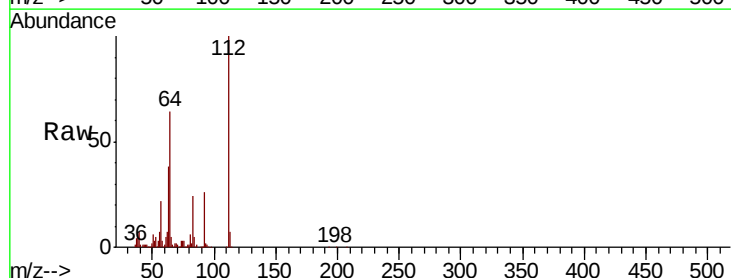
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.675 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.6	84.8
63	37.8	35.1	52.7

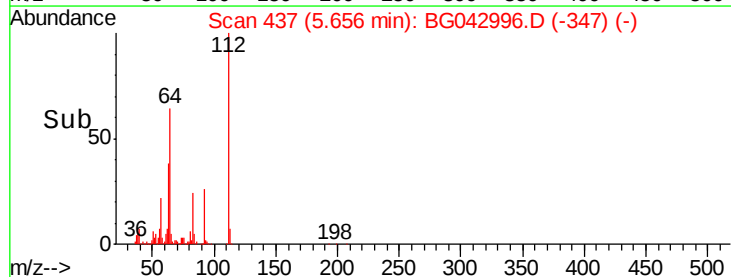
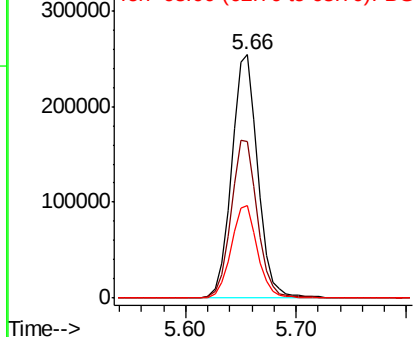


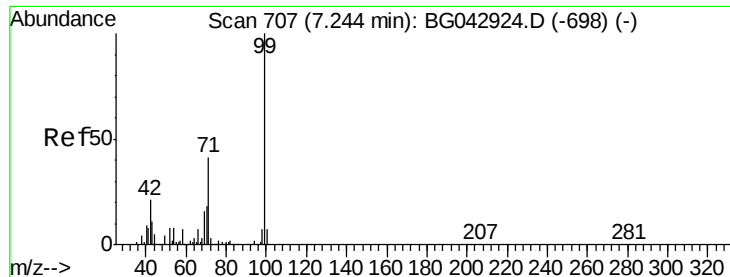
Abundance

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: 111.228 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Instrument :

BNA_G

ClientSampleId :

S-1

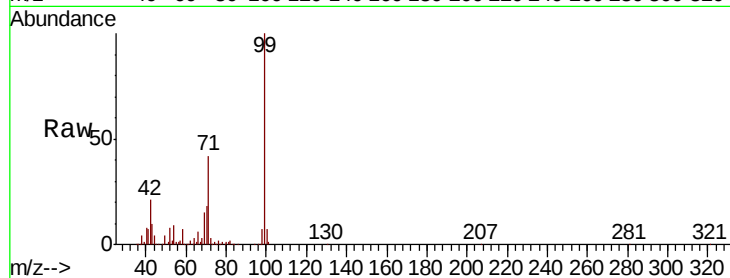
Tot Ion: 99 Resp: 608908

Ion Ratio Lower Upper

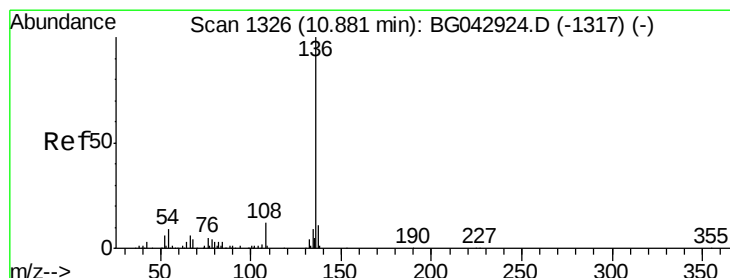
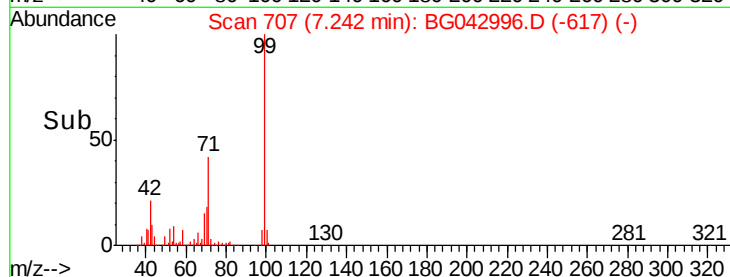
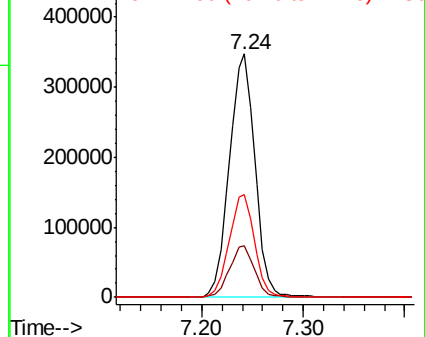
99 100

42 21.1 17.2 25.8

71 42.2 33.1 49.7



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# 1325

Delta R.T. -0.01 min

Lab File: BG042996.D

Acq: 2 Oct 2019 22:18

Tgt Ion: 136 Resp: 261678

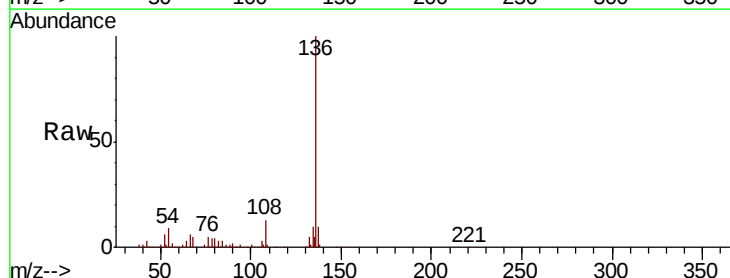
Ion Ratio Lower Upper

136 100

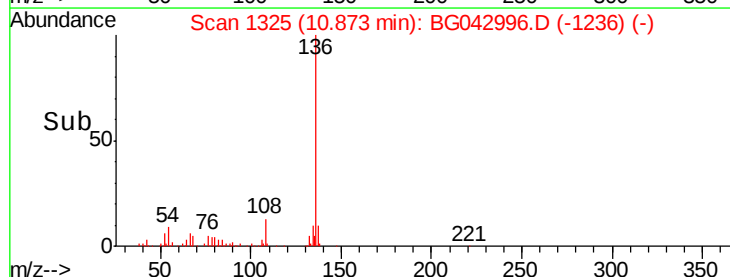
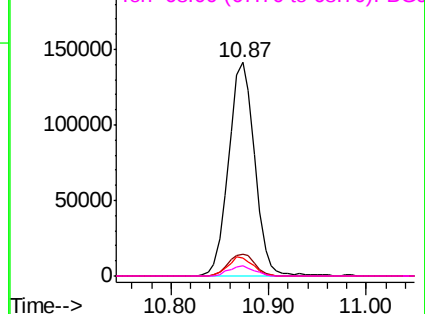
137 10.3 8.5 12.7

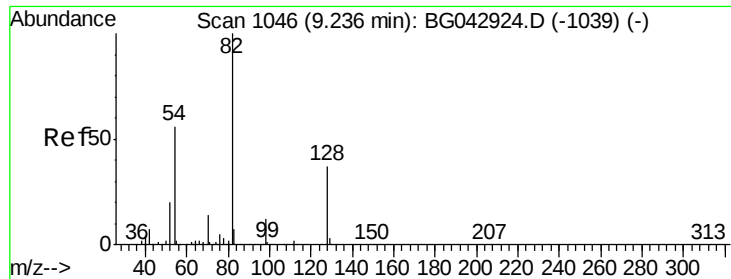
54 8.6 7.4 11.2

68 5.0 3.6 5.4



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

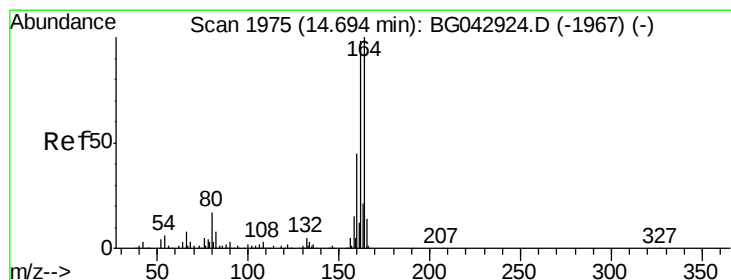
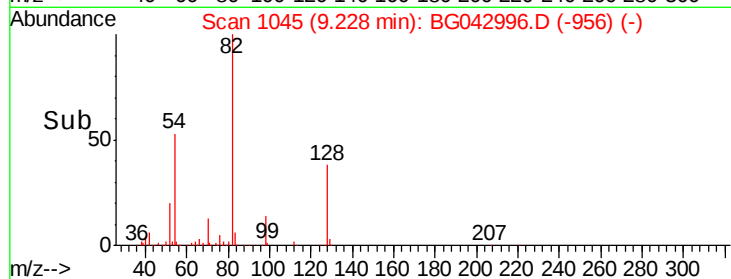
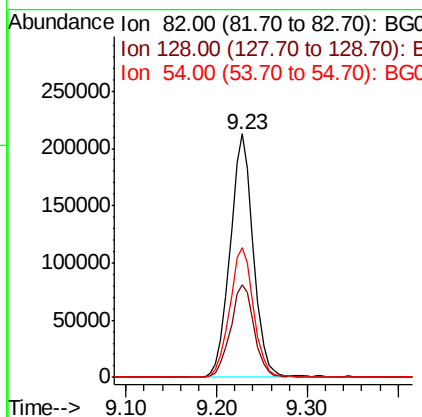
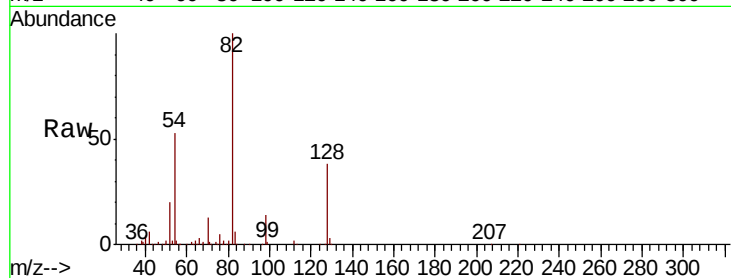




#23
 Nitrobenzene-d5
 Concen: 70.408 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

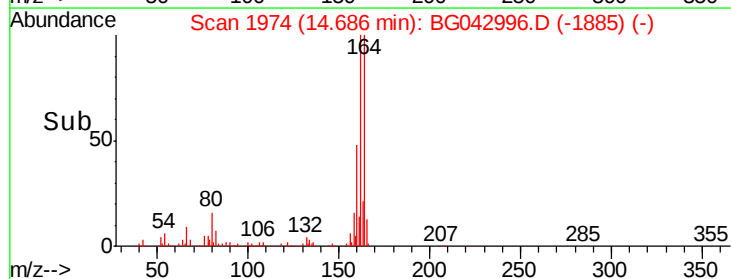
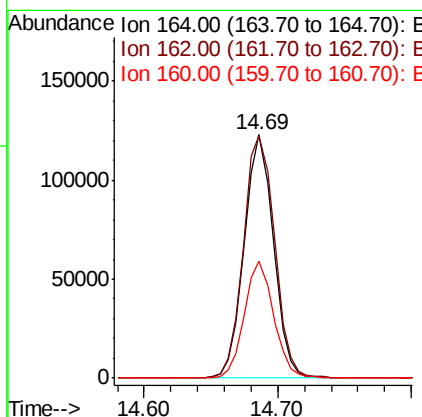
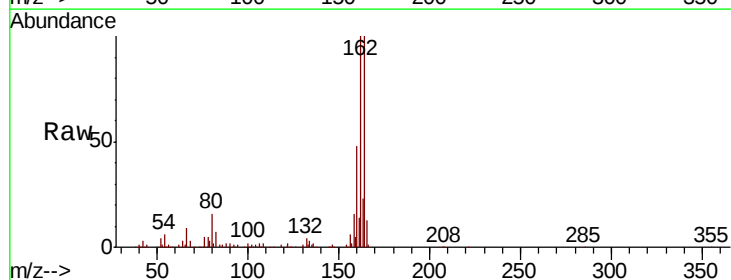
Instrument :
 BNA_G
 ClientSampleId :
 S-1

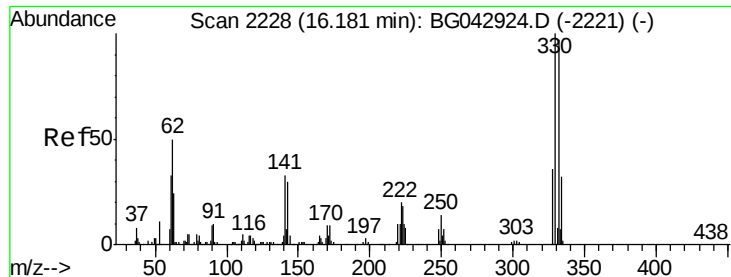
Tot Ion	82	Resp	379059
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.5	44.3
54	53.1	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

Tgt Ion	164	Resp	185923
Ion Ratio	Lower	Upper	
164	100		
162	99.7	78.5	117.7
160	47.8	35.9	53.9

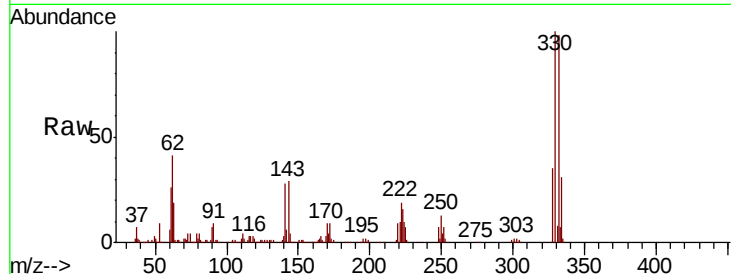




#42
2,4,6-Tribromophenol
Concen: 106.781 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Instrument :
BNA_G
ClientSampled :
S-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.2
141	30.3	26.0	39.0

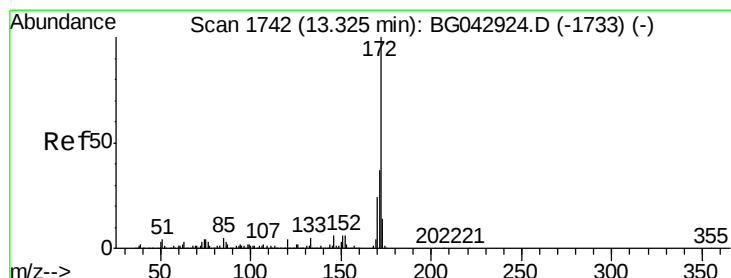
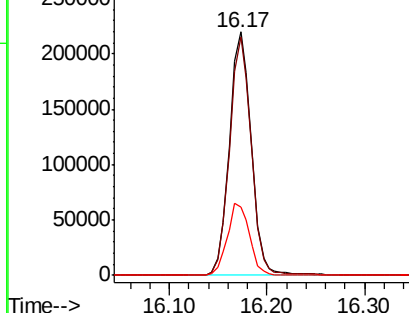
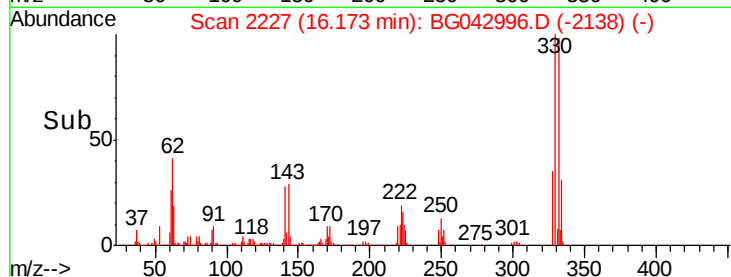


Abundance

Ion 329.80 (329.50 to 330.50): E

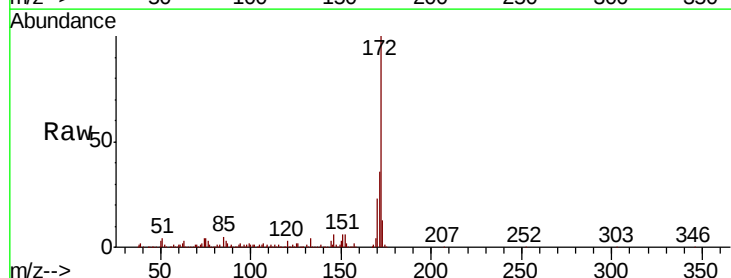
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 70.212 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.6	19.6	29.4

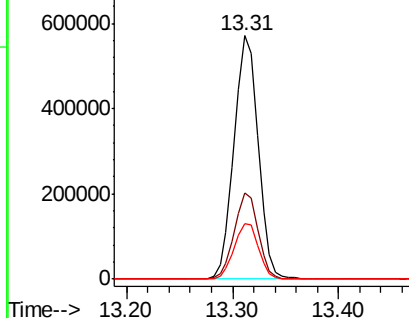
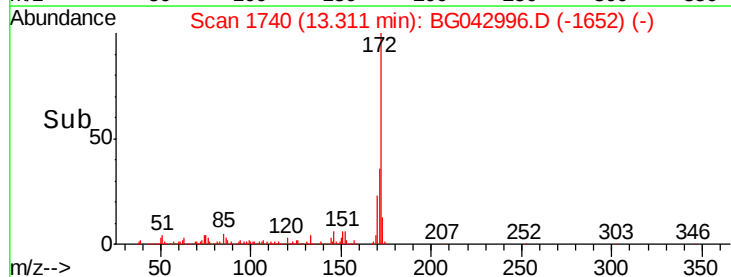


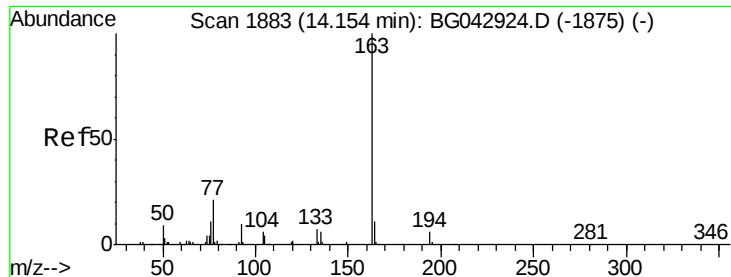
Abundance

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

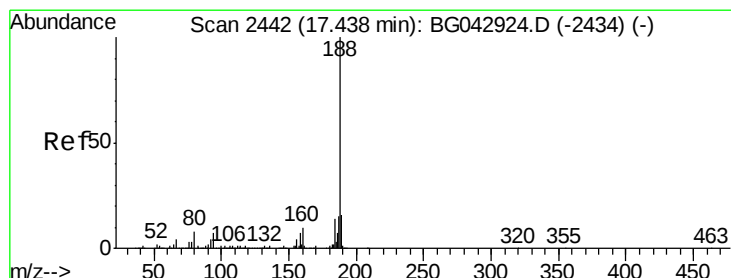
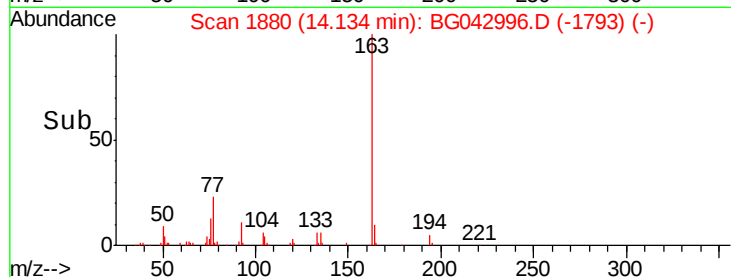
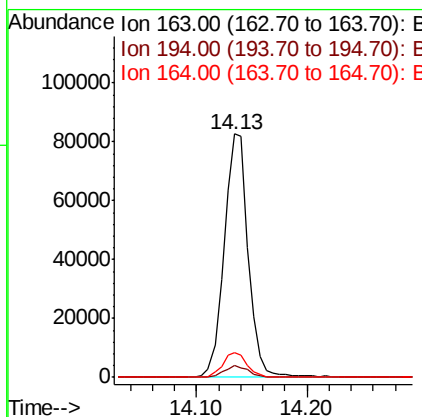
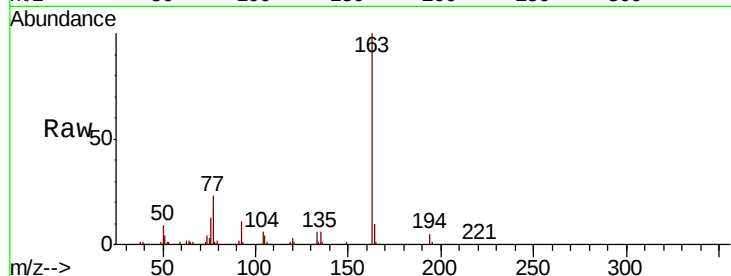




#50
Dimethylphthalate
Concen: 9.029 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

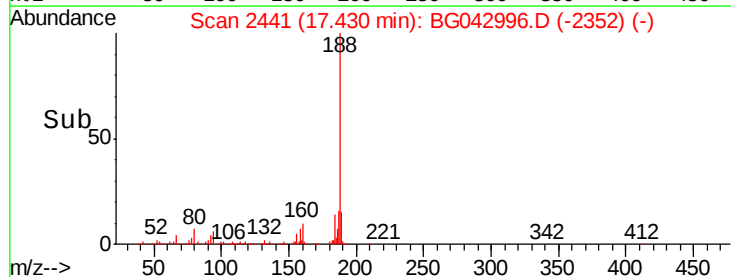
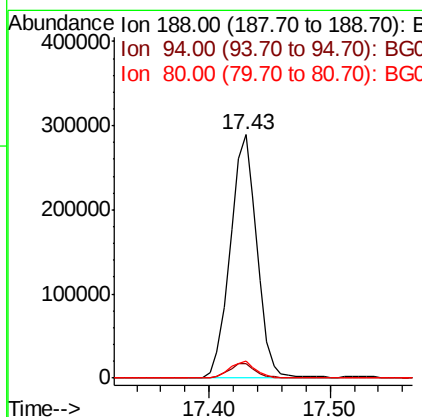
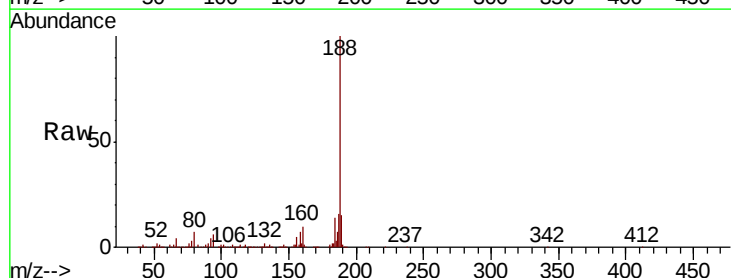
Instrument :
BNA_G
ClientSampled :
S-1

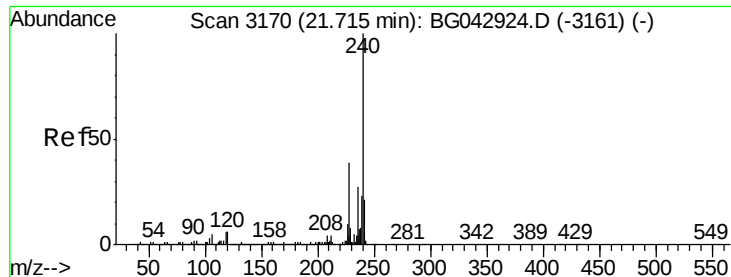
Tot Ion:163 Resp: 125780
Ion Ratio Lower Upper
163 100
194 4.8 4.4 6.6
164 10.3 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Tgt Ion:188 Resp: 443779
Ion Ratio Lower Upper
188 100
94 5.7 5.7 8.5
80 7.0 6.5 9.7

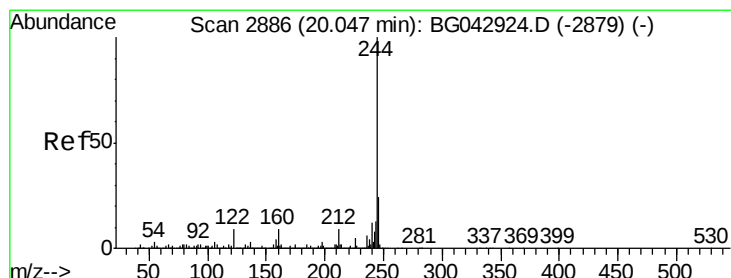
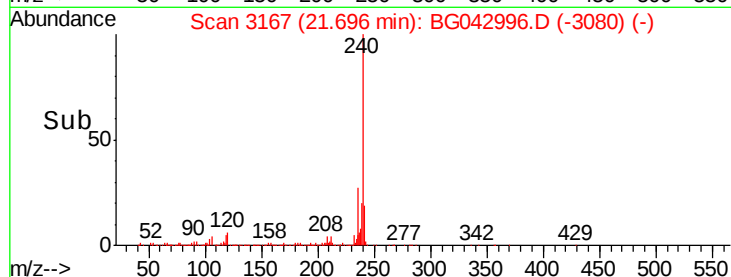
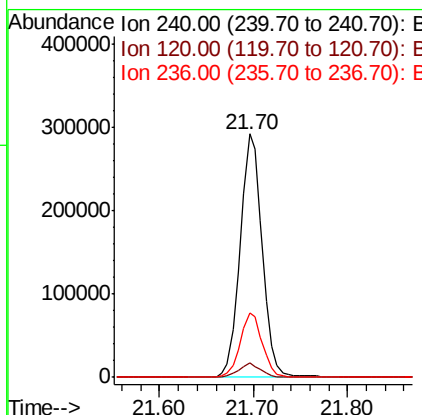
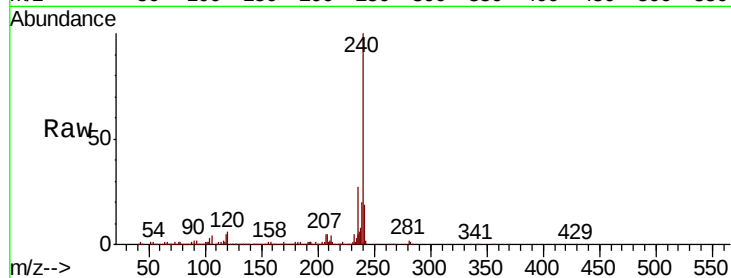




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

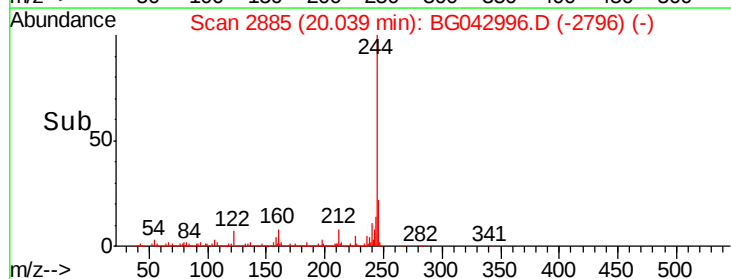
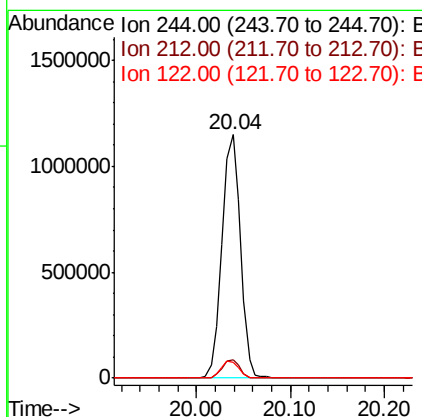
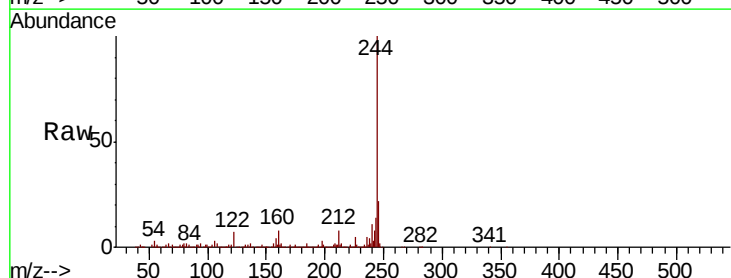
Instrument :
BNA_G
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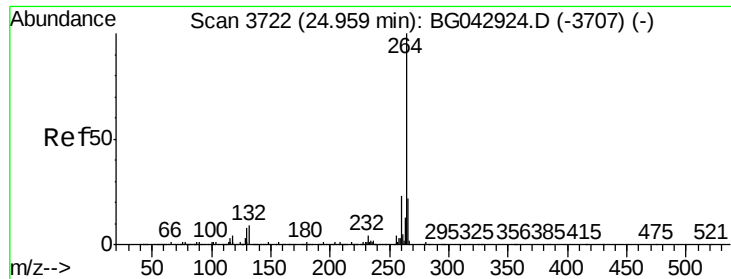
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	26.5	21.4	32.0



#79
Terphenyl-d14
Concen: 71.270 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042996.D
Acq: 2 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	6.7	7.0	10.4#

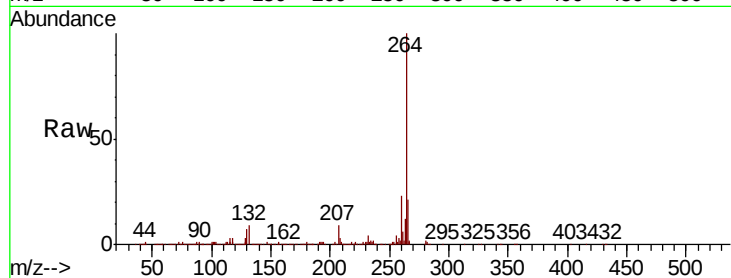




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.04 min
 Lab File: BG042996.D
 Acq: 2 Oct 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:	264	Resp:	552412
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 250000 Ion 260.00 (259.70 to 260.70): E
 200000 Ion 265.00 (264.70 to 265.70): E

