

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044013.D
 Acq On : 10 Jan 2020 22:36
 Operator : JU
 Sample : L1068-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STUCO

Quant Time: Jan 11 05:54:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

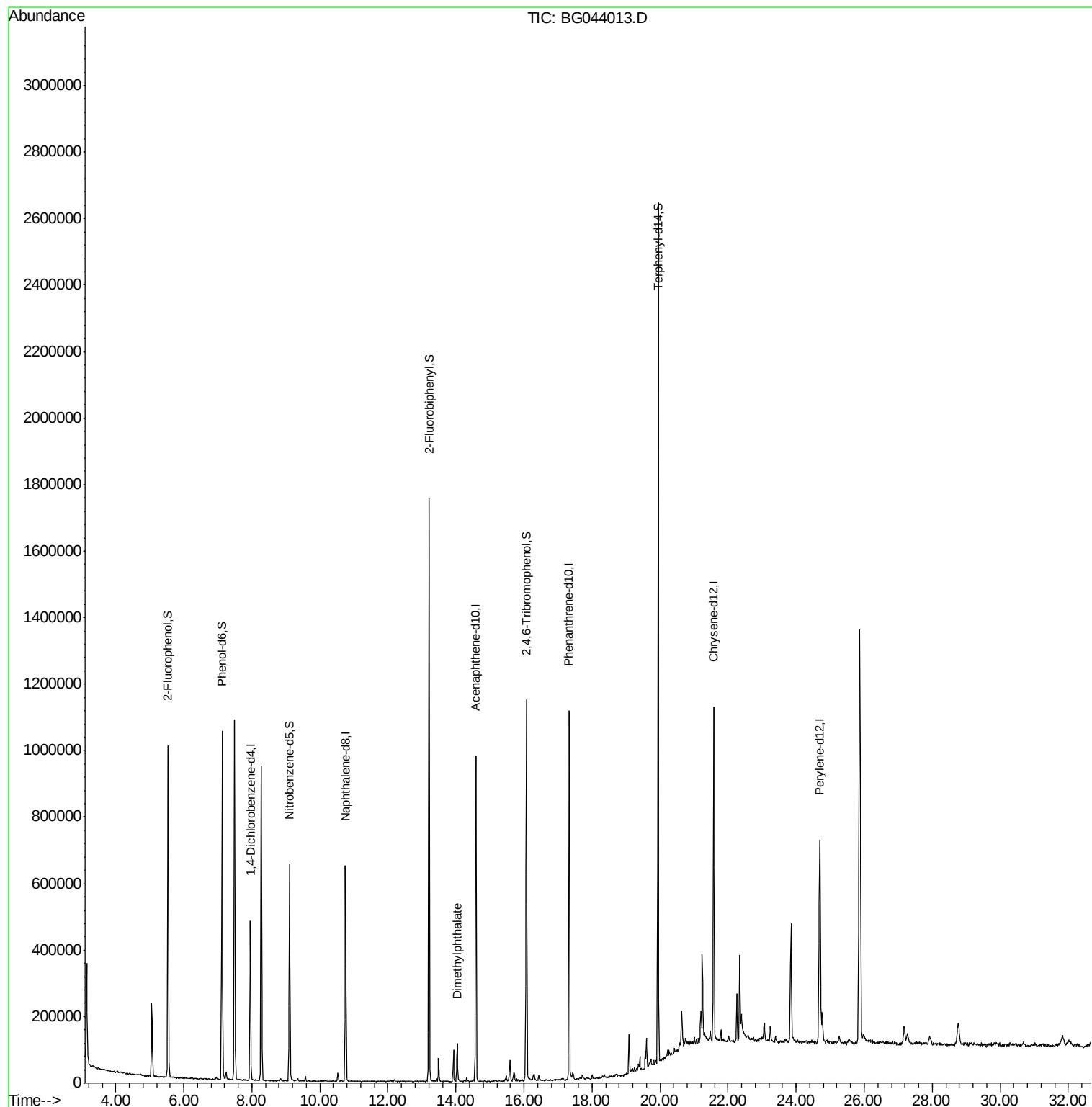
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	141569	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	593780	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	353173	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	691402	20.00	ng	0.00
76) Chrysene-d12	21.58	240	572909	20.00	ng	-0.01
87) Perylene-d12	24.70	264	640334	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	494608	64.15	ng	0.00
7) Phenol-d6	7.12	99	680494	63.14	ng	0.00
23) Nitrobenzene-d5	9.11	82	407874	36.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.07	330	207574	56.16	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	920881	47.24	ng	-0.01
79) Terphenyl-d14	19.94	244	1214899	43.49	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.04	163	79801	3.182	ng	Qvalue 98

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

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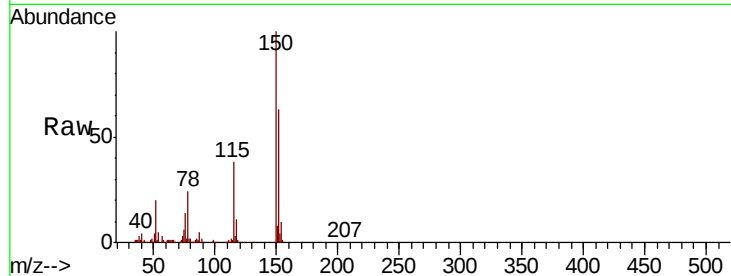


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

Instrument :
BNA_G
ClientSampleId :
STUCO

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.0	190.4
115	60.5	47.8	71.8

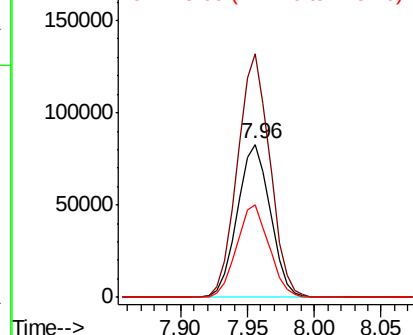
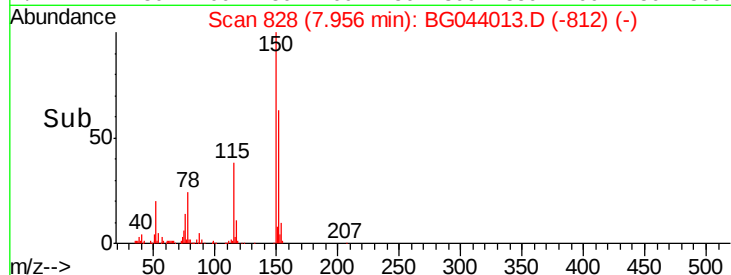


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

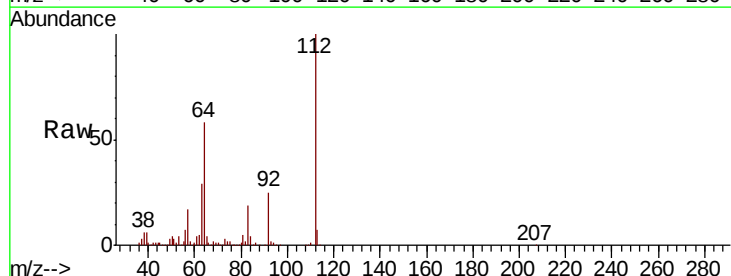
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.150 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.8	71.6
63	29.4	24.3	36.5

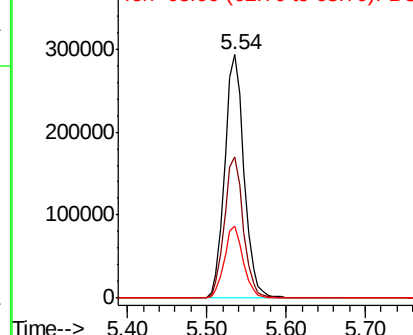
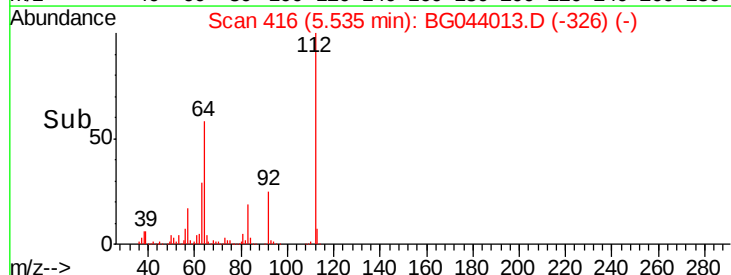


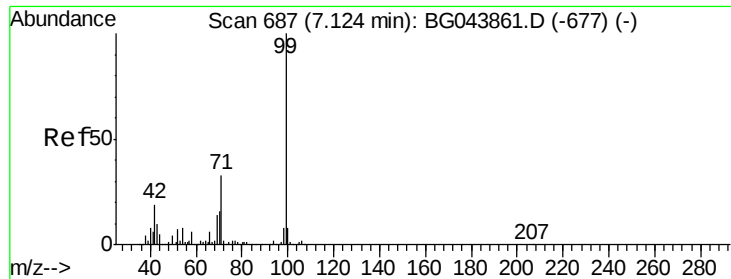
Abundance

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: 63.140 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044013.D

Acq: 10 Jan 2020 22:36

Instrument :

BNA_G

ClientSampleId :

STUCO

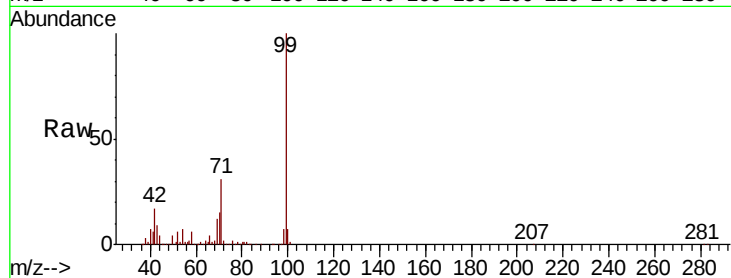
Tot Ion: 99 Resp: 680494

Ion Ratio Lower Upper

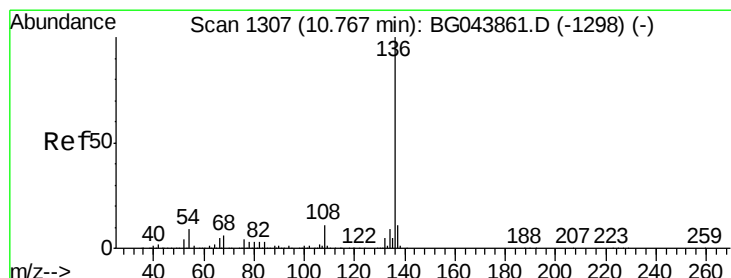
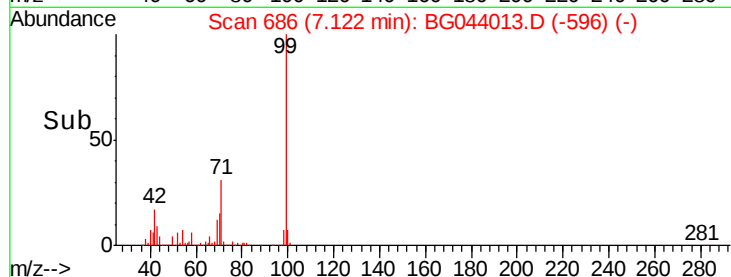
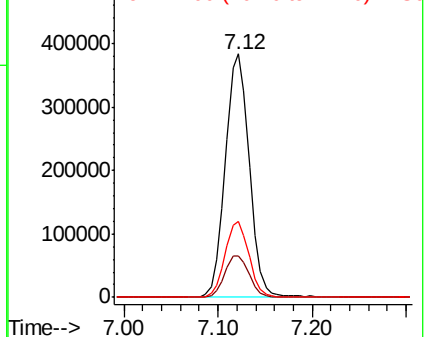
99 100

42 17.2 14.9 22.3

71 31.0 26.4 39.6



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG044013.D

Acq: 10 Jan 2020 22:36

Tgt Ion: 136 Resp: 593780

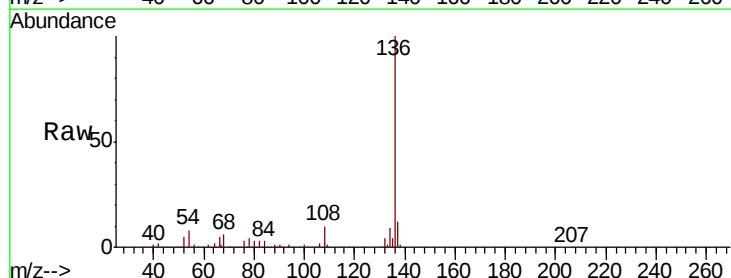
Ion Ratio Lower Upper

136 100

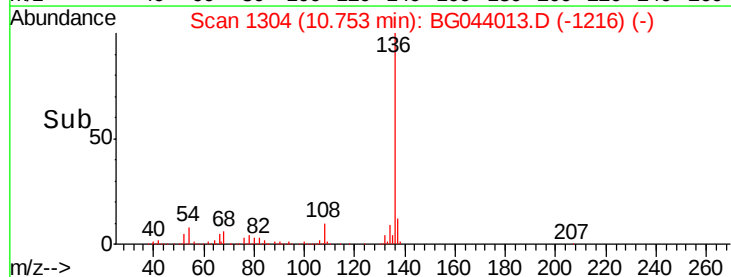
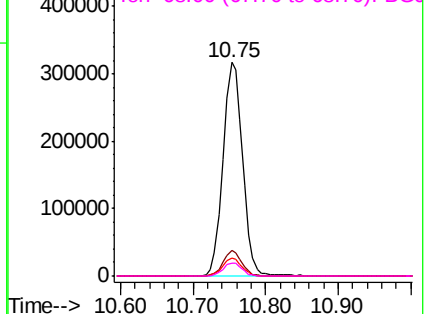
137 11.8 8.8 13.2

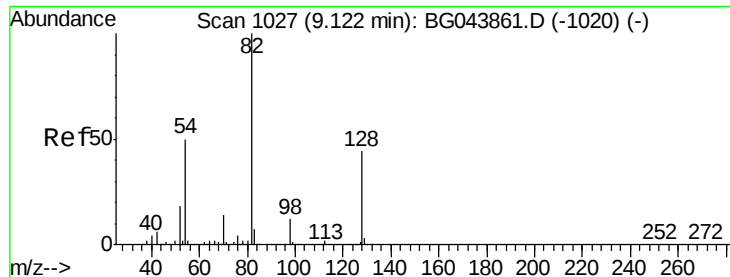
54 8.2 7.0 10.4

68 6.0 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

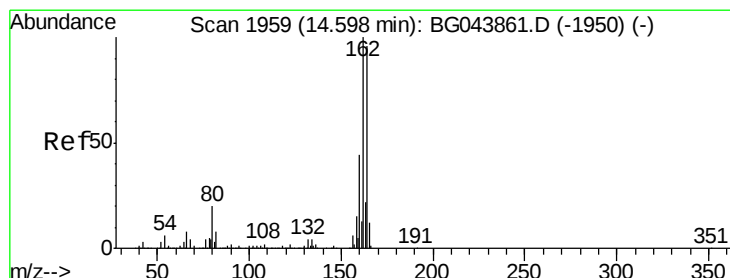
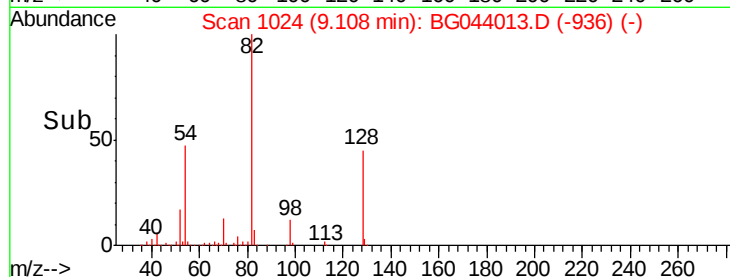
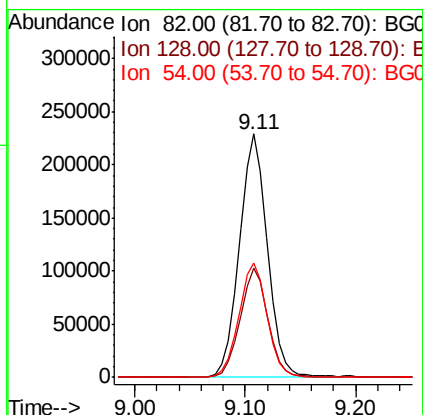
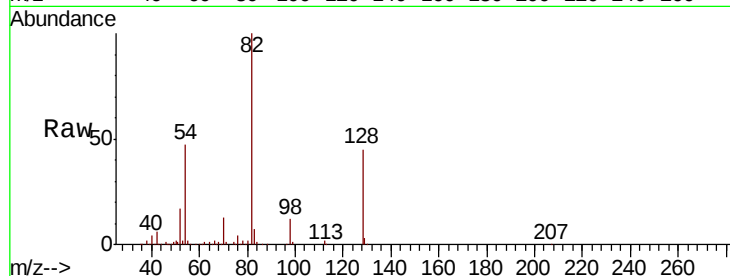




#23
Nitrobenzene-d5
Concen: 36.747 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

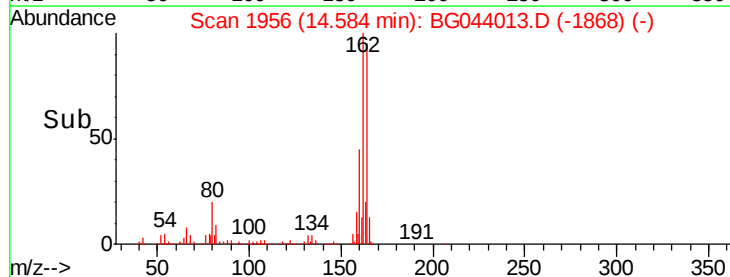
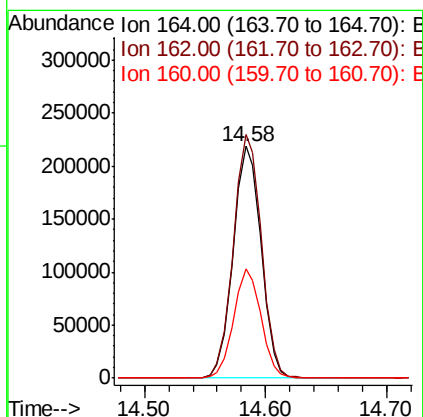
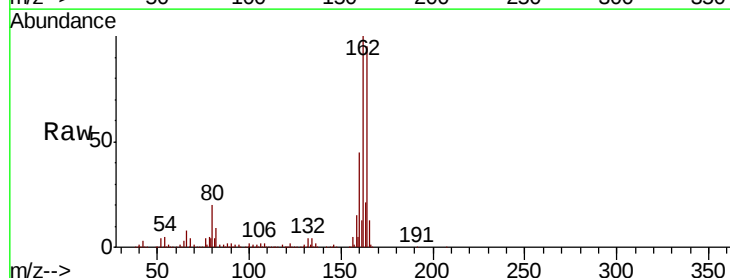
Instrument :
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ClientSampleId :
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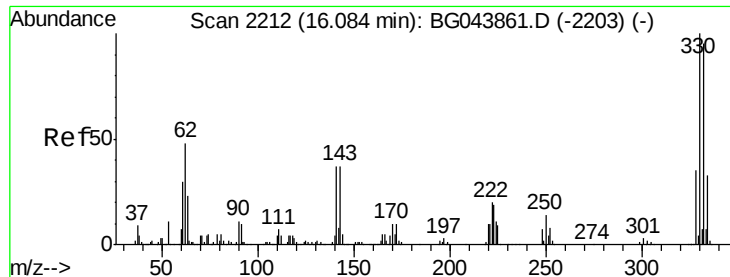
Tot Ion	82	Resp	407874
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.1	52.7
54	47.0	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

Tgt Ion	164	Resp	353173
Ion Ratio	Lower	Upper	
164	100		
162	105.1	83.0	124.4
160	47.1	36.1	54.1

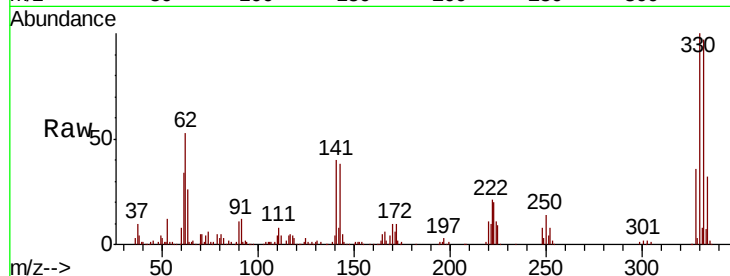




#42
 2,4,6-Tribromophenol
 Concen: 56.164 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG044013.D
 Acq: 10 Jan 2020 22:36

Instrument :
 BNA_G
 ClientSampleId :
 STUCO

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	38.9	33.1	49.7

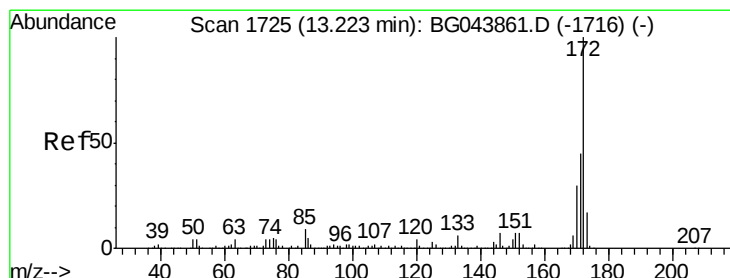
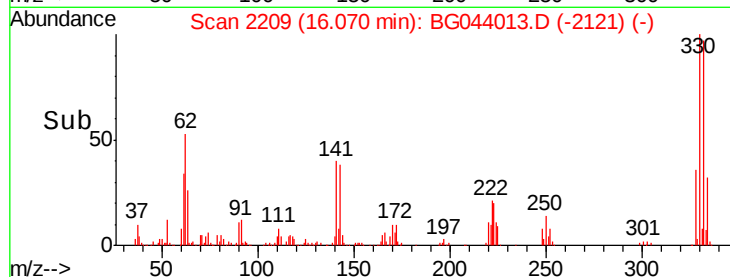
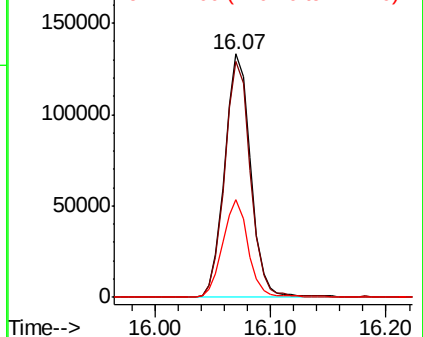


Abundance

Ion 329.80 (329.50 to 330.50): E

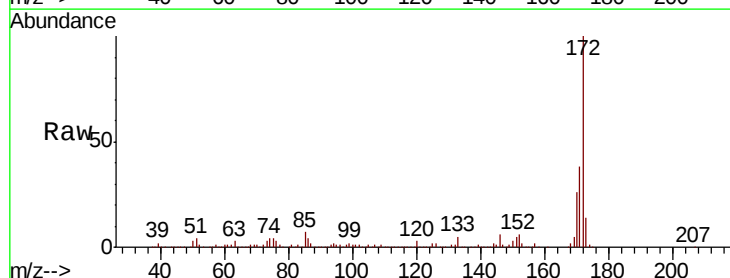
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 47.241 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG044013.D
 Acq: 10 Jan 2020 22:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	35.8	53.8
170	26.1	24.2	36.4

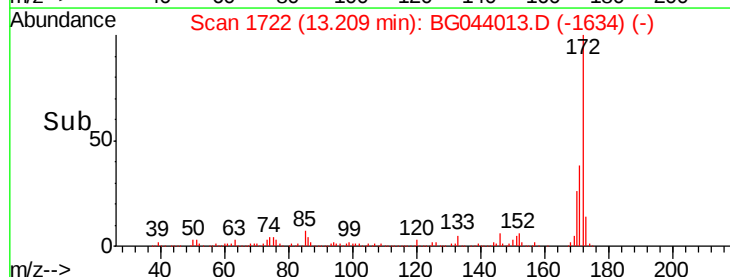
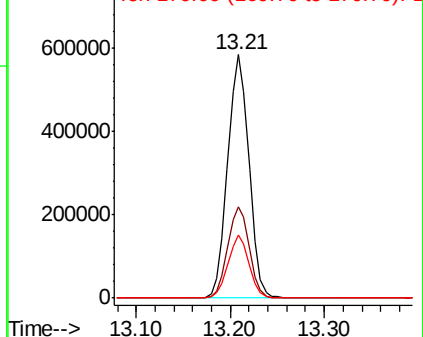


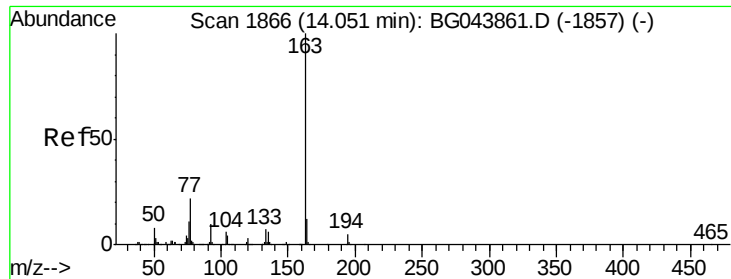
Abundance

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

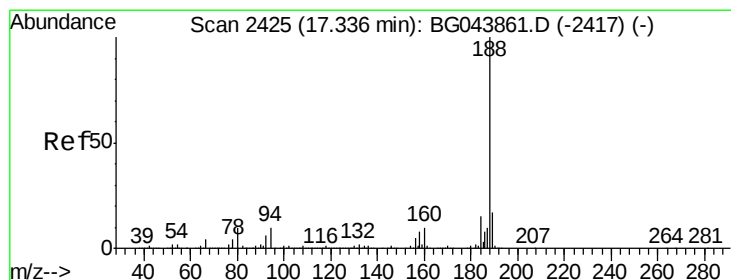
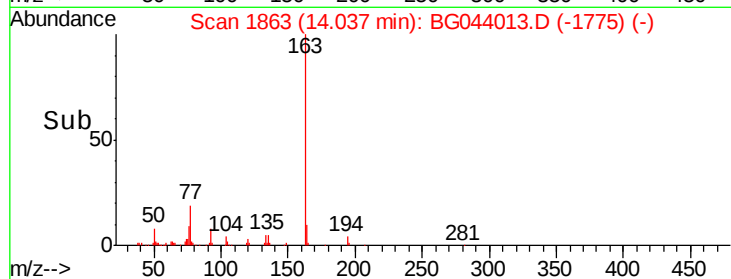
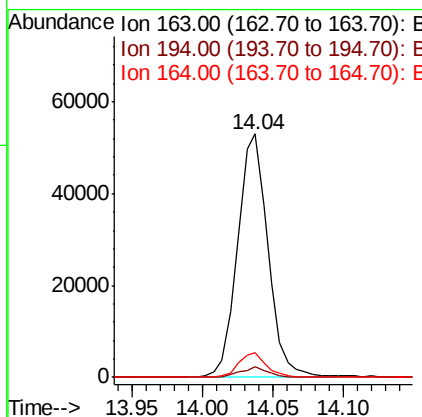
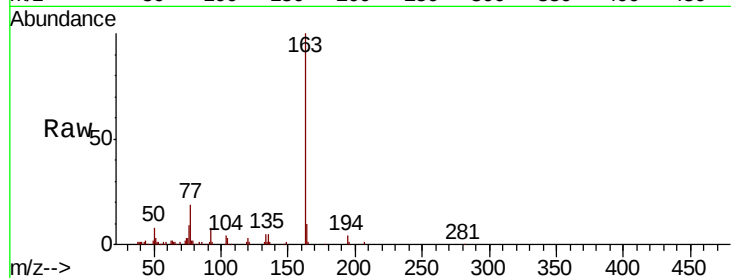




#50
Dimethylphthalate
Concen: 3.182 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

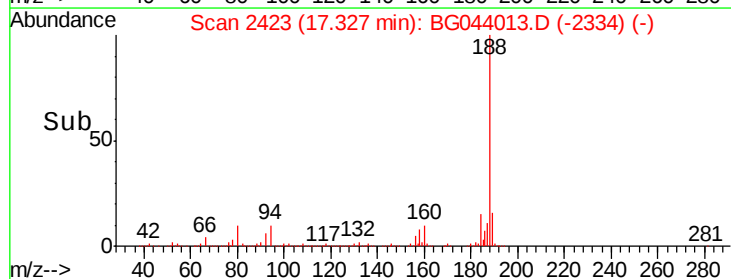
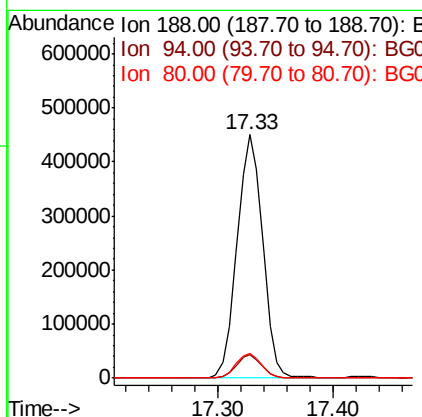
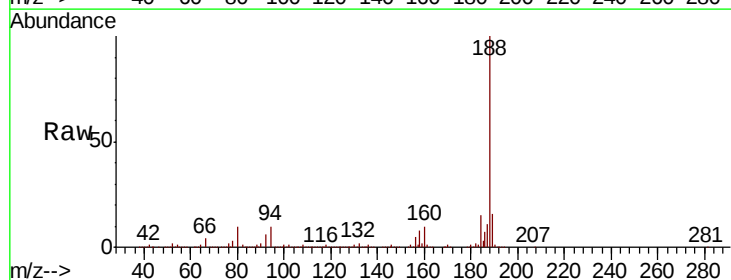
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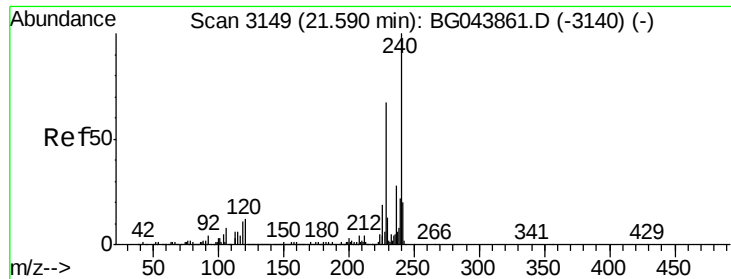
Tot Ion:163 Resp: 79801
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 10.4 9.3 13.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

Tgt Ion:188 Resp: 691402
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 8.2 12.4

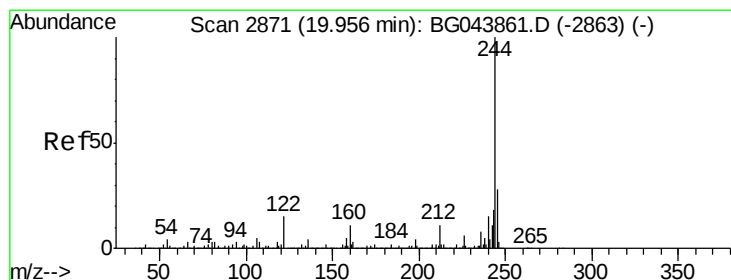
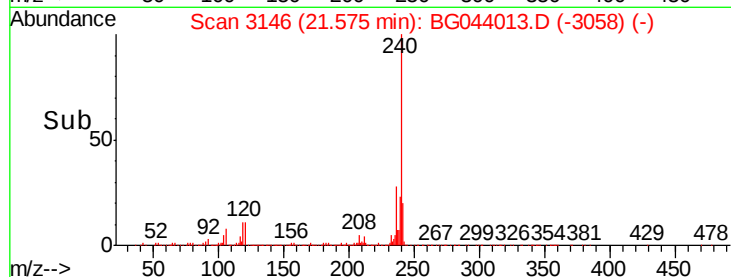
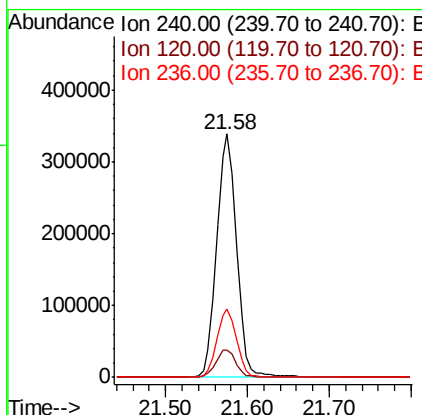
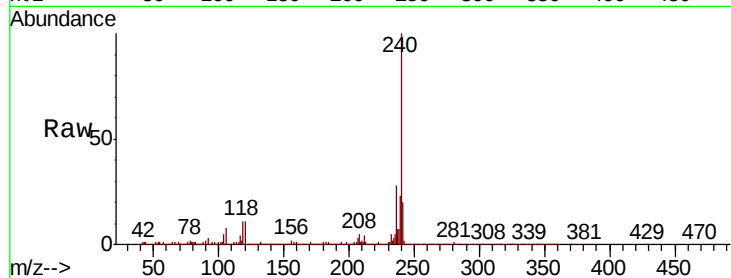




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044013.D
 Acq: 10 Jan 2020 22:36

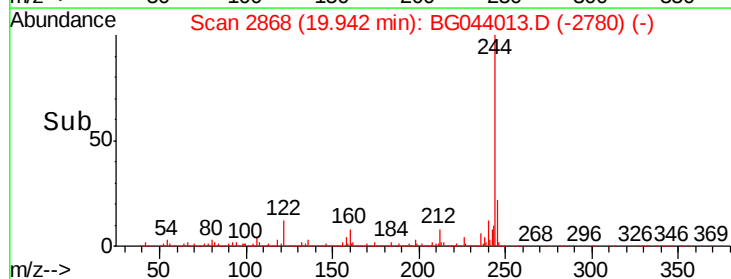
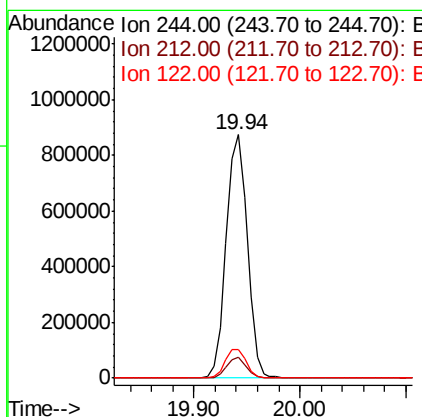
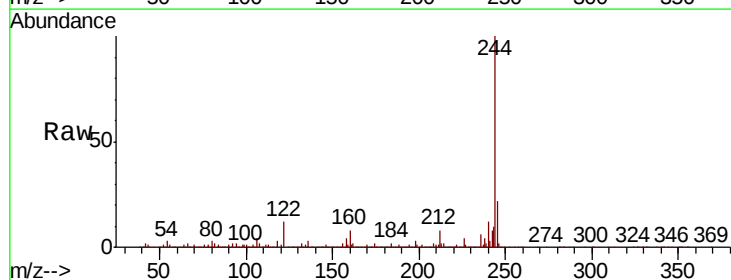
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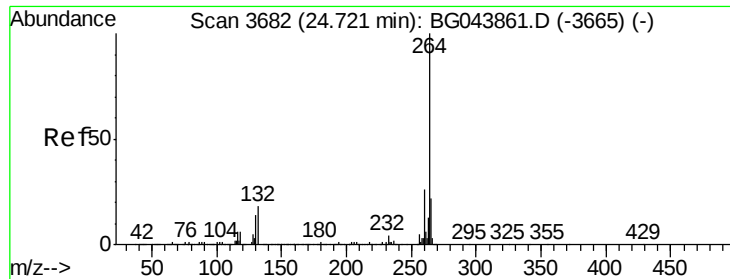
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	27.8	22.2	33.2



#79
 Terphenyl-d14
 Concen: 43.492 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.01 min
 Lab File: BG044013.D
 Acq: 10 Jan 2020 22:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	8.6	13.0#
122	11.9	11.9	17.9#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG044013.D
Acq: 10 Jan 2020 22:36

Instrument :
BNA_G
ClientSampleId :
STUCO

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.9	17.4	26.2

