

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044966.D
 Acq On : 7 Apr 2020 22:20
 Operator : CG/JU
 Sample : L2112-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040220

Quant Time: Apr 08 04:09:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

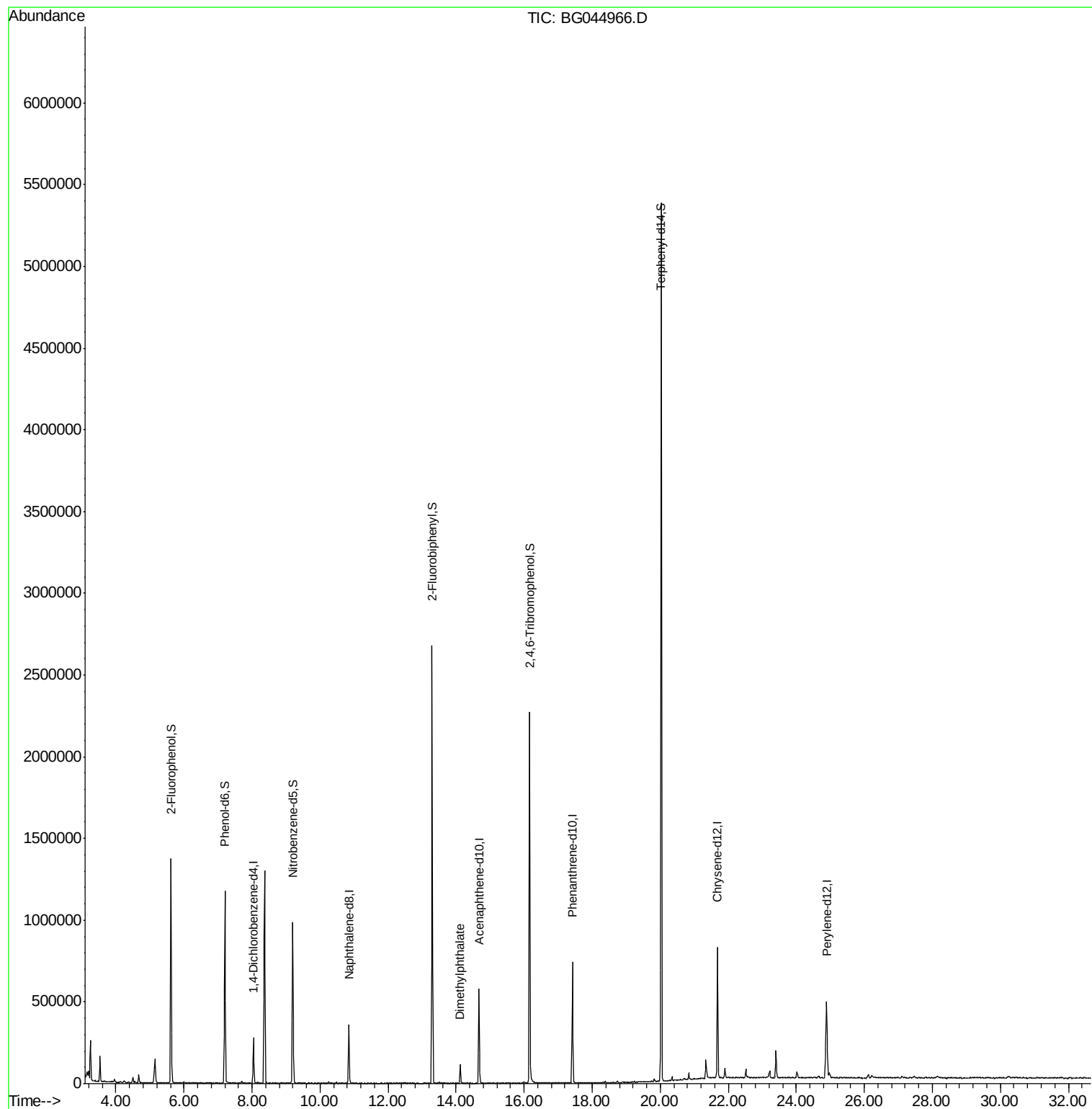
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	88121	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	324561	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	216286	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	496666	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	496120	20.00	ng	-0.01
87) Perylene-d12	24.89	264	534852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	655632	115.82	ng	0.00
7) Phenol-d6	7.20	99	796530	96.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	679166	91.82	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	472180	166.73	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1475747	97.71	ng	0.00
79) Terphenyl-d14	20.03	244	2491682	93.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	81745	4.745	ng	Qvalue # 95

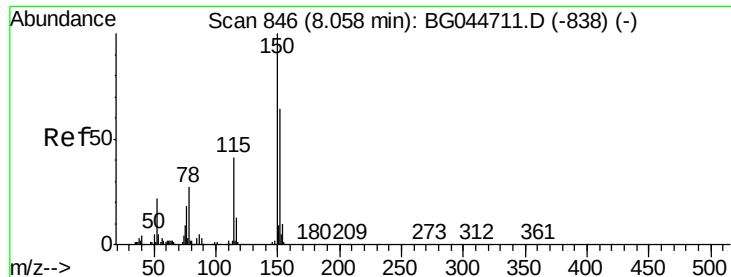
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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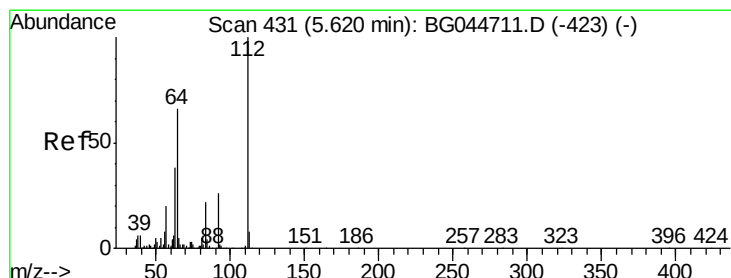
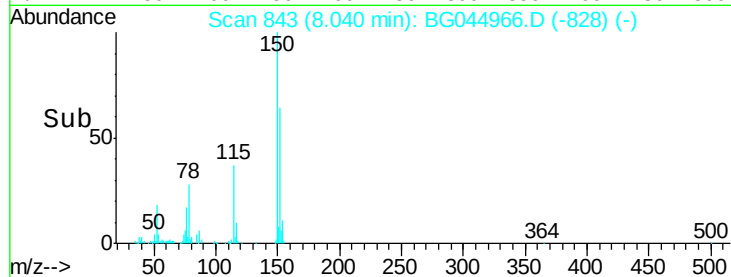
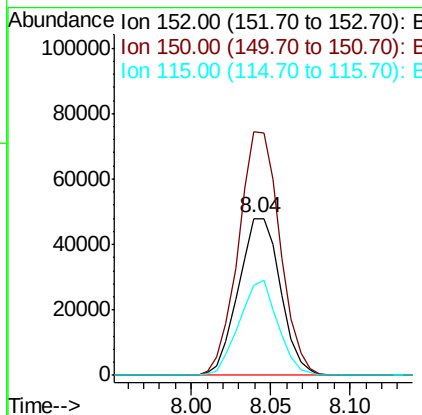
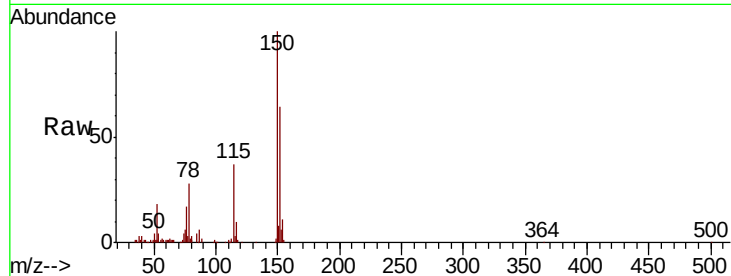


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

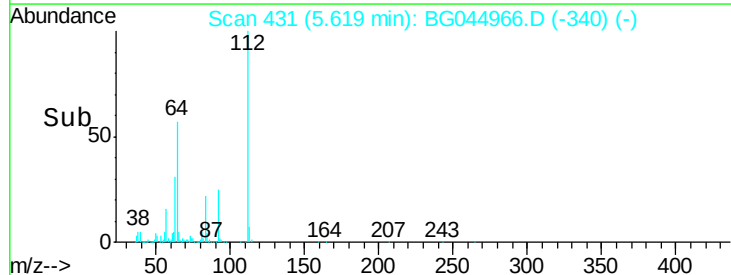
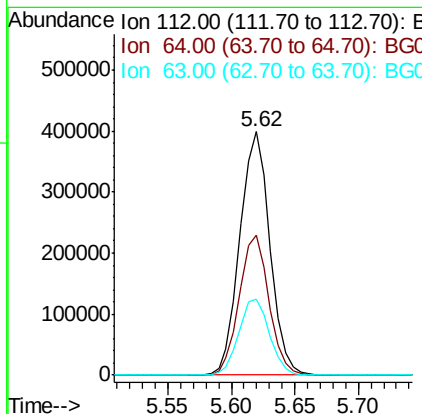
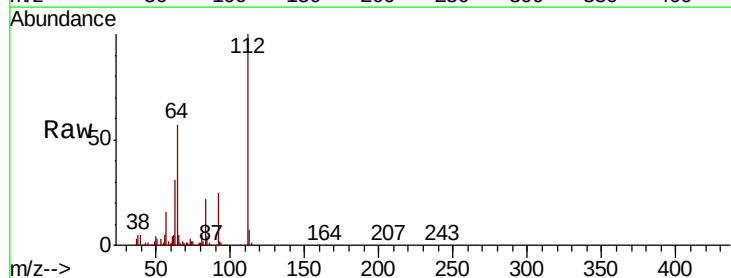
Tot Ion:152 Resp: 88121
Ion Ratio Lower Upper
152 100
150 155.5 128.8 193.2
115 57.9 52.6 79.0

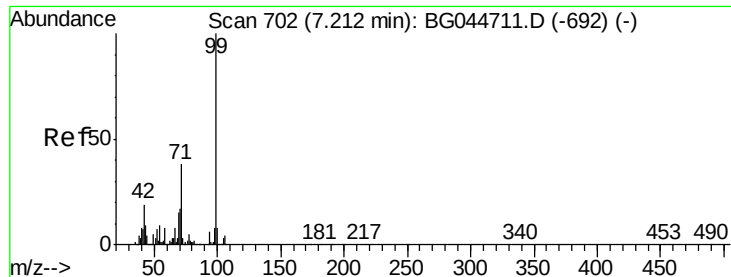


#5

2-Fluorophenol
Concen: 115.820 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:112 Resp: 655632
Ion Ratio Lower Upper
112 100
64 57.3 53.4 80.2
63 31.1 29.4 44.2





#7

Phenol-d6

Concen: 96.846 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044966.D

Acq: 7 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

HR-06-040220

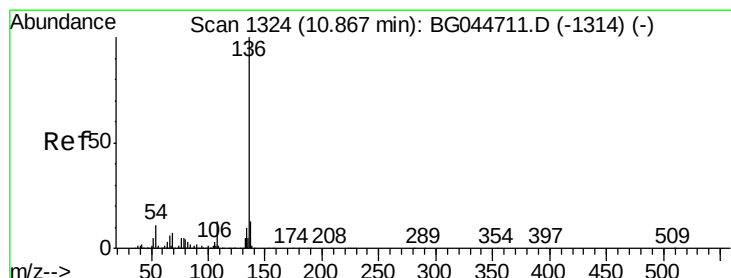
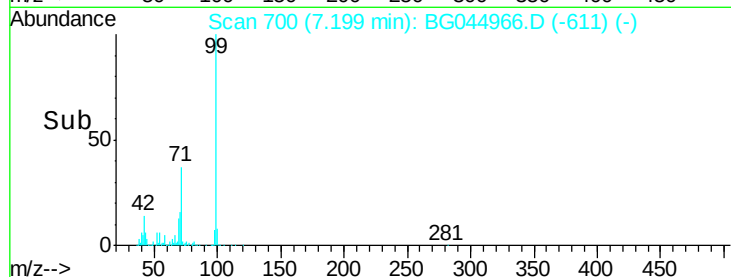
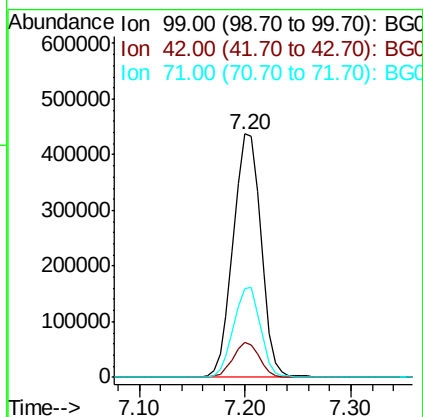
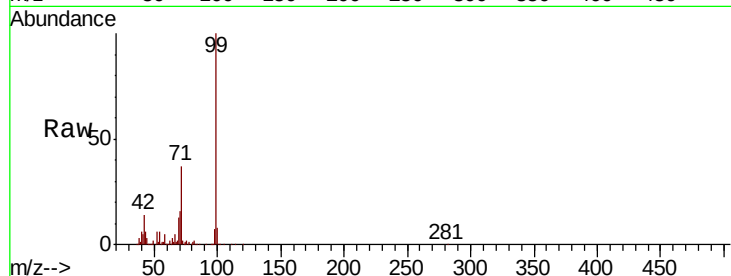
Tot Ion: 99 Resp: 796530

Ion Ratio Lower Upper

99 100

42 14.3 12.6 19.0

71 36.7 29.0 43.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044966.D

Acq: 7 Apr 2020 22:20

Tgt Ion: 136 Resp: 324561

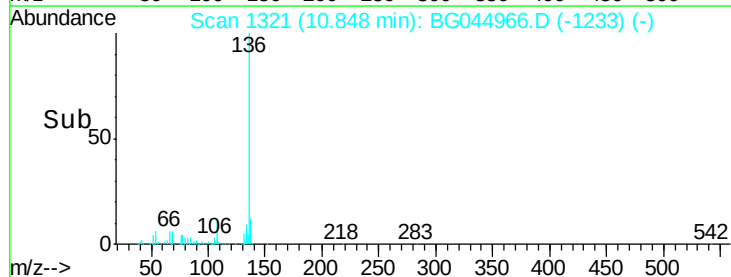
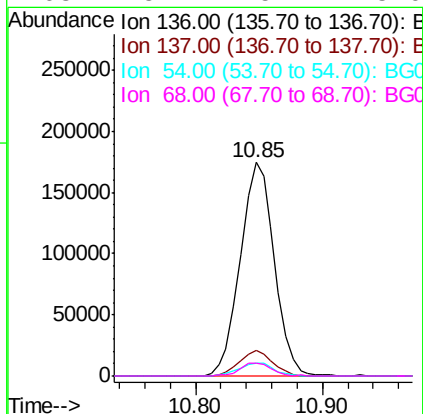
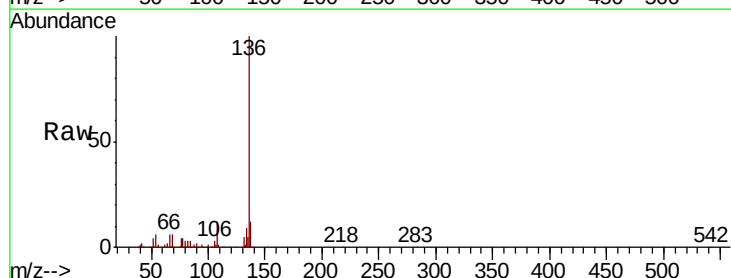
Ion Ratio Lower Upper

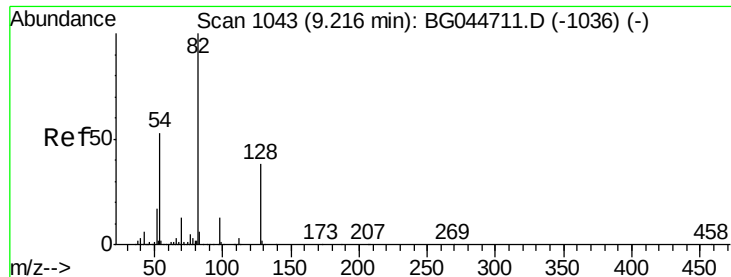
136 100

137 12.0 9.8 14.6

54 5.8 7.9 11.9#

68 5.7 5.4 8.0

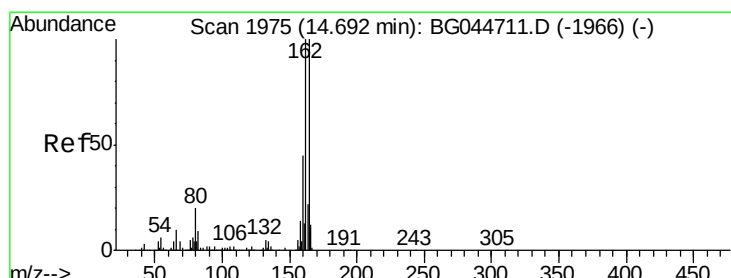
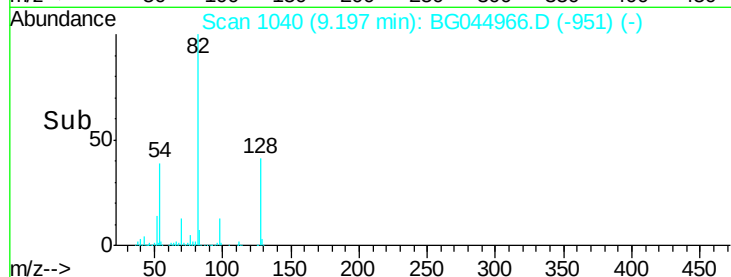
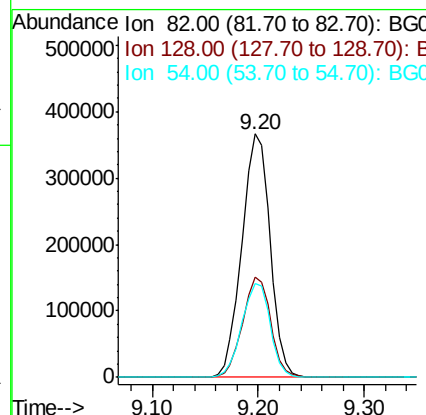
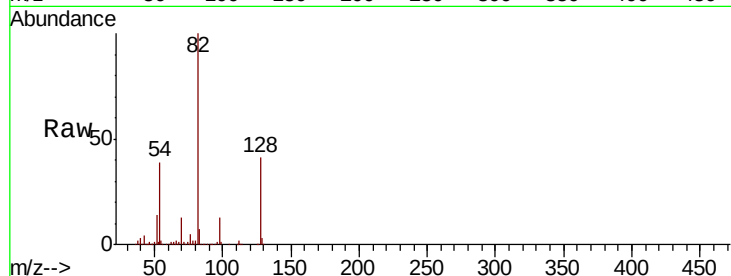




#23
 Nitrobenzene-d5
 Concen: 91.825 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044966.D
 Acq: 7 Apr 2020 22:20

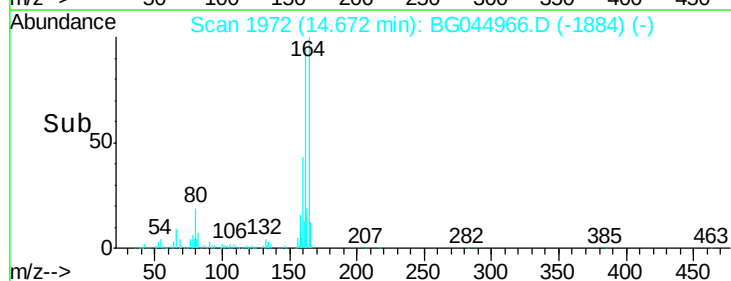
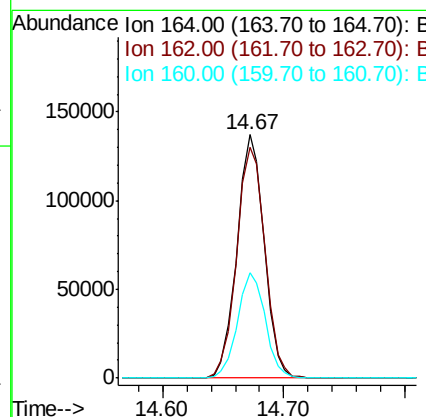
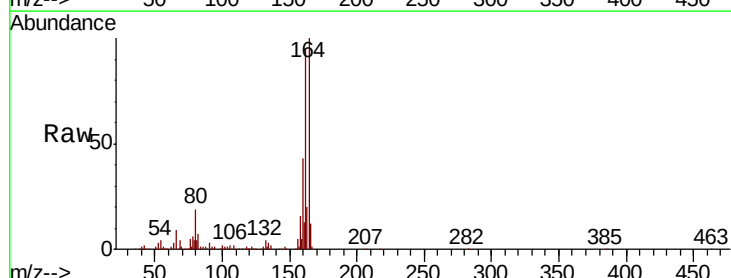
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040220

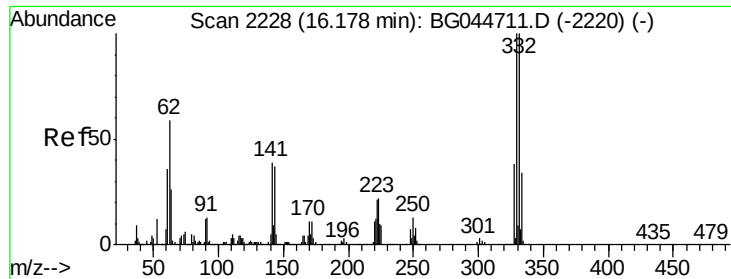
Tot Ion	82	Resp	679166
Ion Ratio	Lower	Upper	
82	100		
128	41.0	30.6	46.0
54	38.7	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044966.D
 Acq: 7 Apr 2020 22:20

Tgt Ion	164	Resp	216286
Ion Ratio	Lower	Upper	
164	100		
162	95.0	76.7	115.1
160	43.1	35.0	52.4

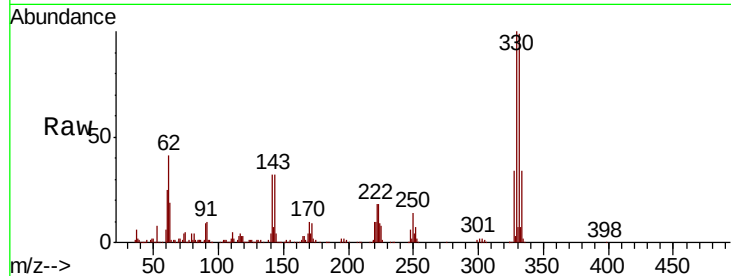




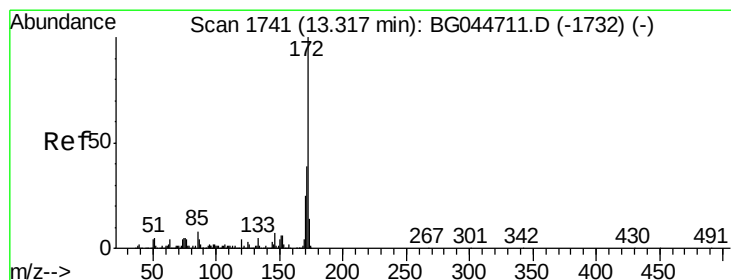
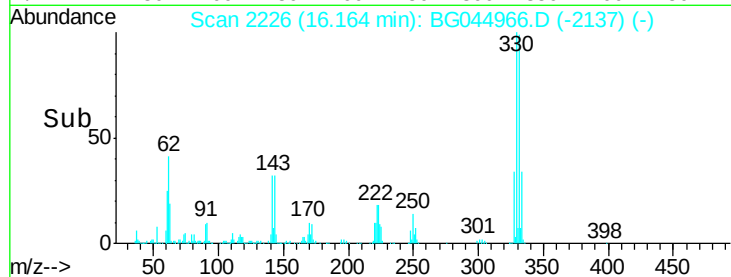
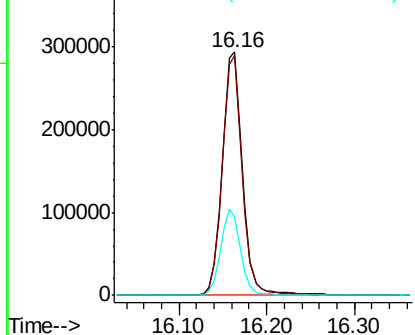
#42
2,4,6-Tribromophenol
Concen: 166.734 ng
RT: 16.16 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	34.7	29.5	44.3

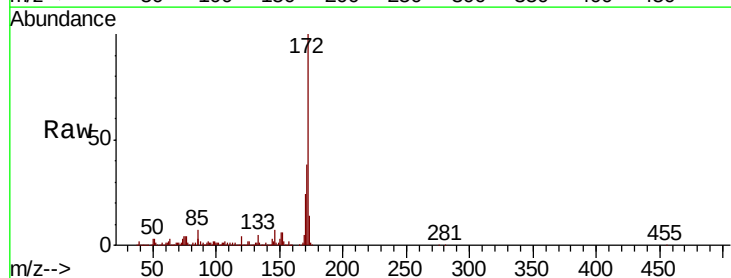


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

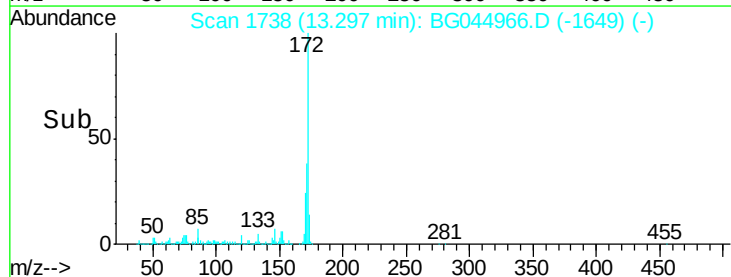
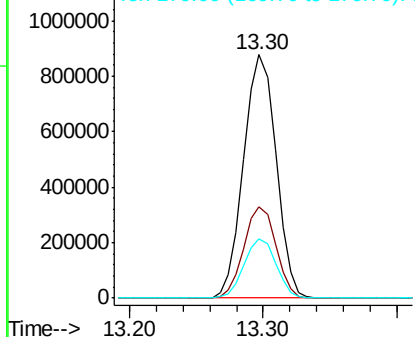


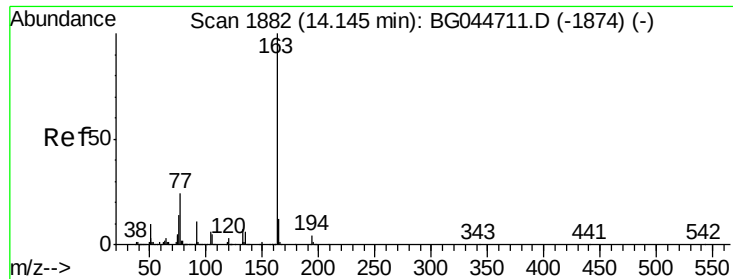
#45
2-Fluorobiphenyl
Concen: 97.709 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	24.5	19.0	28.6



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





#50

Dimethylphthalate

Concen: 4.745 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044966.D

Acq: 7 Apr 2020 22:20

Instrument :

BNA_G

ClientSampleId :

HR-06-040220

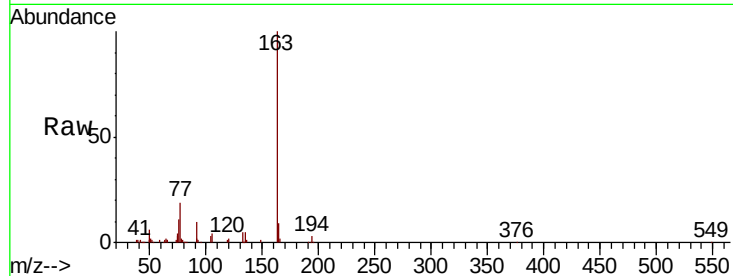
Tot Ion:163 Resp: 81745

Ion Ratio Lower Upper

163 100

194 3.2 3.7 5.5#

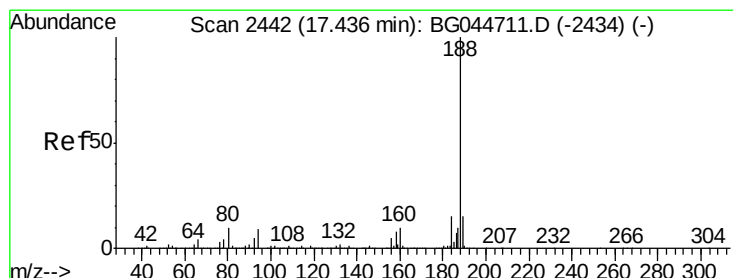
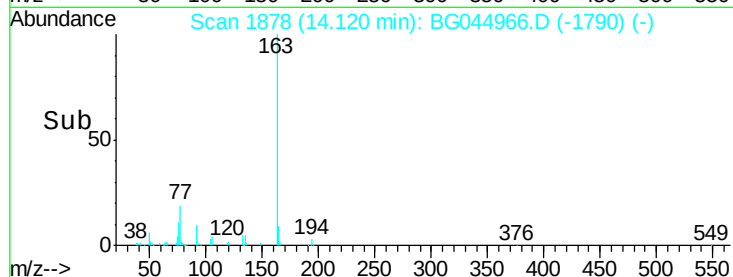
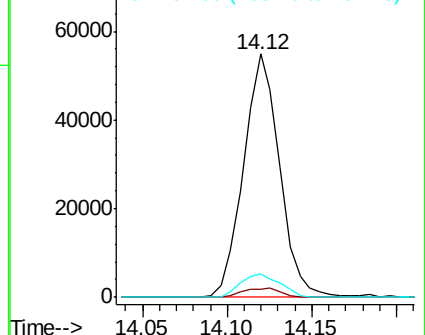
164 9.4 9.1 13.7



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044966.D

Acq: 7 Apr 2020 22:20

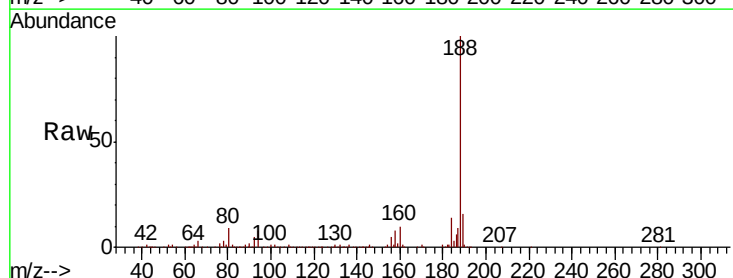
Tgt Ion:188 Resp: 496666

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

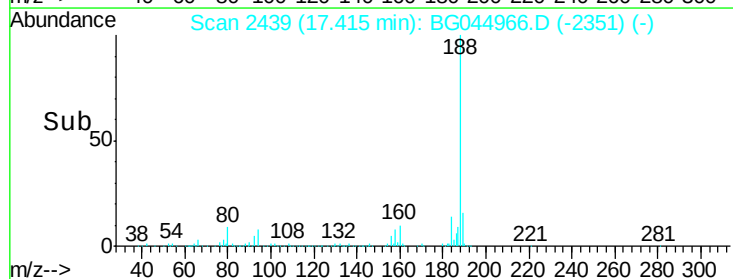
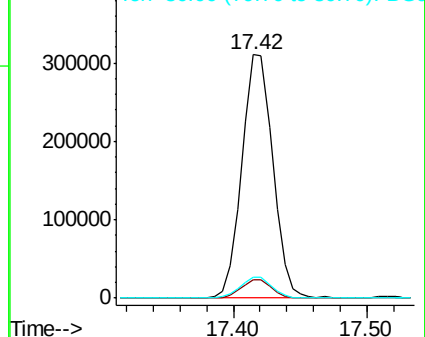
80 8.7 8.0 12.0

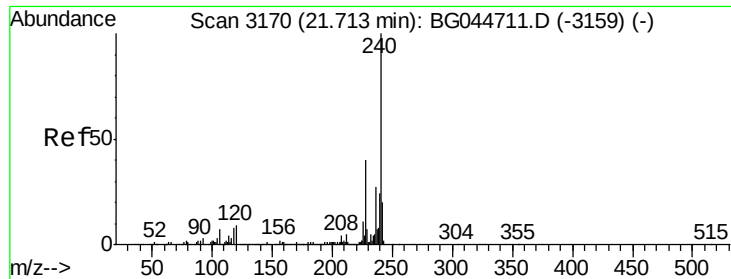


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

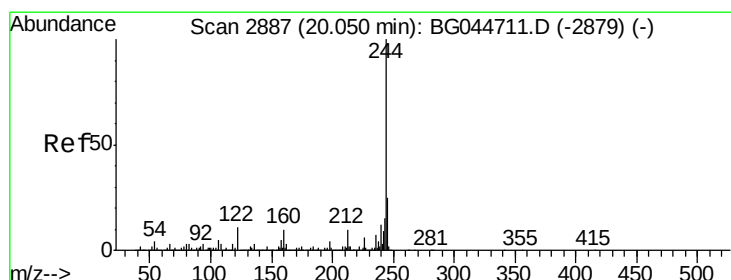
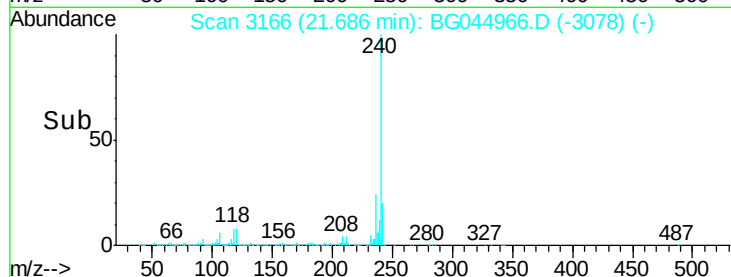
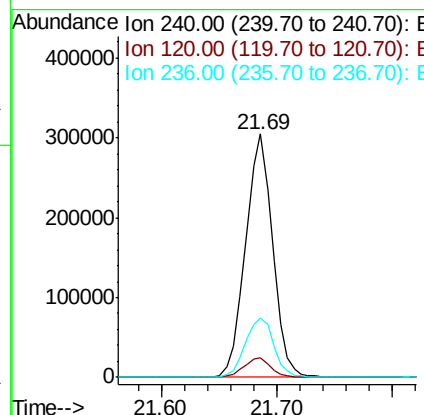
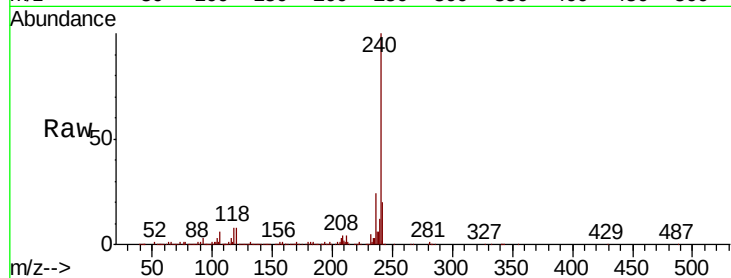




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

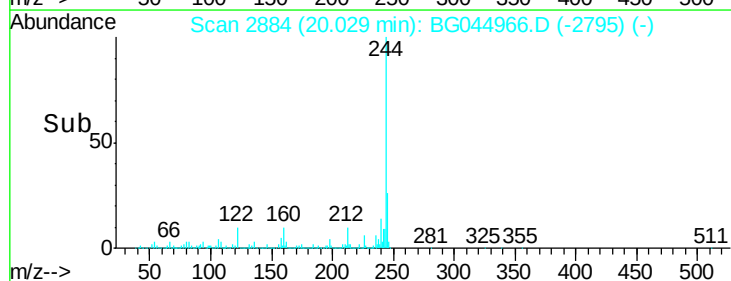
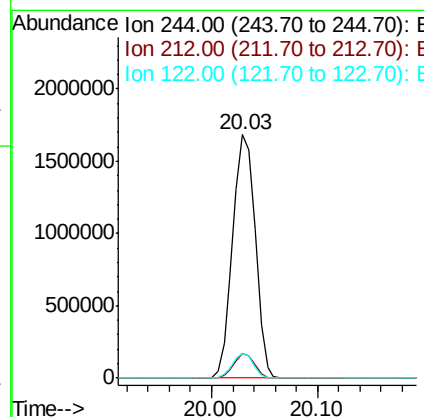
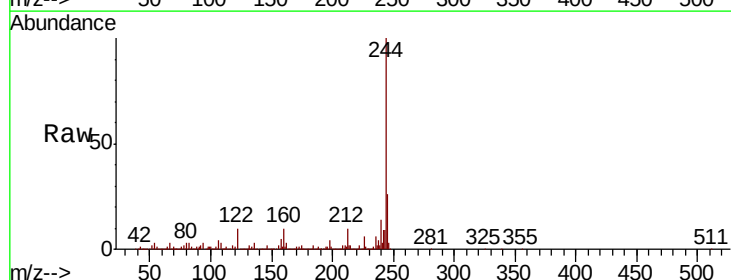
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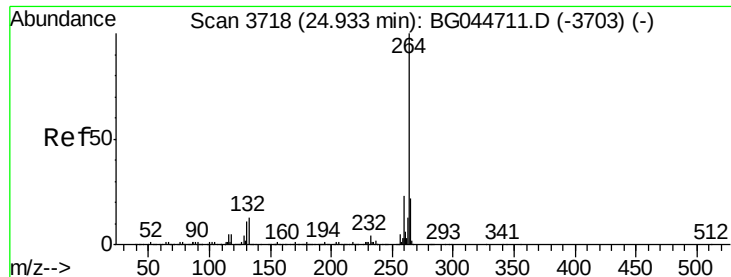
Tot Ion:240 Resp: 496120
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 24.2 21.5 32.3



#79
Terphenyl-d14
Concen: 93.945 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:244 Resp: 2491682
Ion Ratio Lower Upper
244 100
212 10.2 7.7 11.5
122 10.4 8.6 12.8

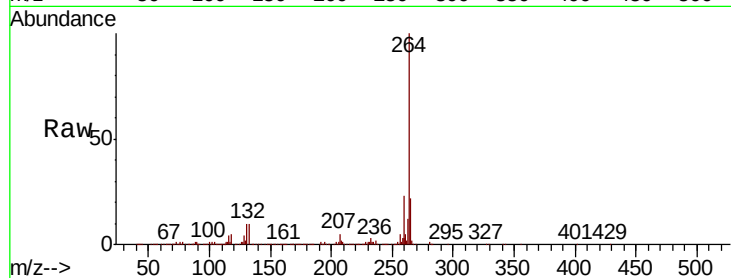




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG044966.D
 Acq: 7 Apr 2020 22:20

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040220

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.8	17.1	25.7



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

