

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044843.D
 Acq On : 17 Mar 2020 21:49
 Operator : CG/JU
 Sample : L1922-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-2

Quant Time: Mar 18 02:35:00 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 16 17:37:15 2020
 Response via : Initial Calibration

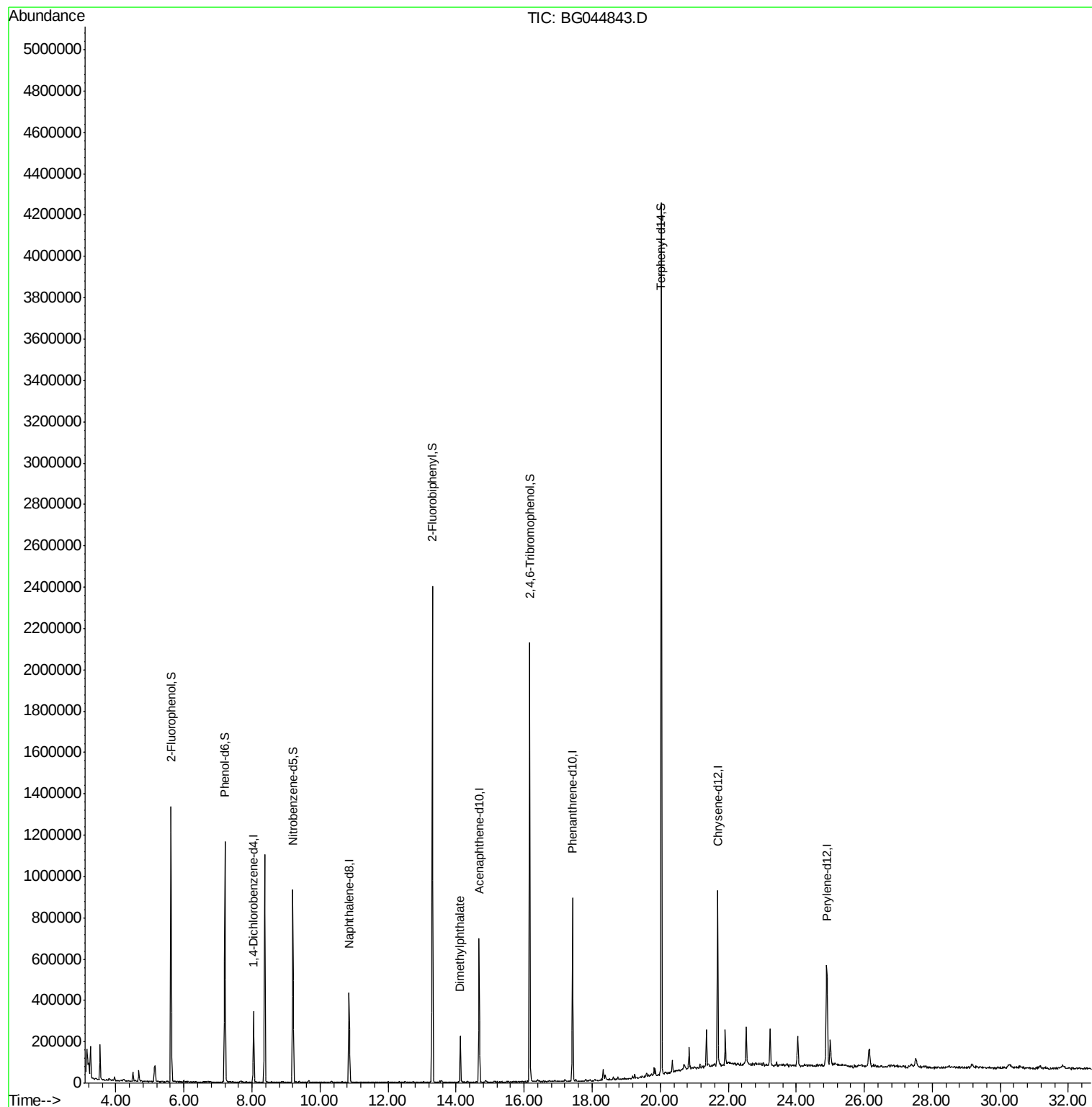
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97407	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	375486	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	252388	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	562443	20.00	ng	0.00
76) Chrysene-d12	21.69	240	487582	20.00	ng	-0.01
87) Perylene-d12	24.90	264	544603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	586039	93.66	ng	0.00
7) Phenol-d6	7.20	99	743990	81.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	607662	71.01	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	411205	124.43	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1295500	73.51	ng	0.00
79) Terphenyl-d14	20.03	244	2011565	77.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	152814	7.602	ng	Qvalue 98

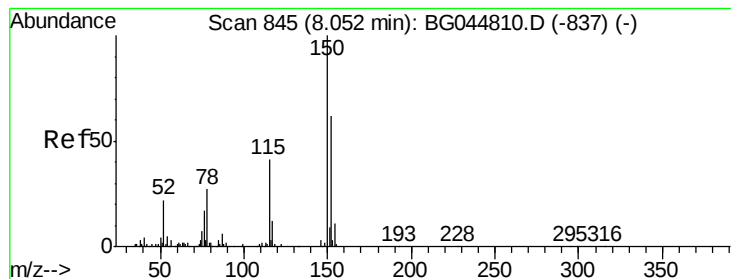
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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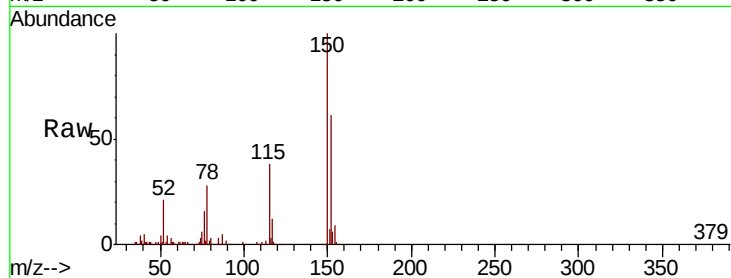


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	128.8	193.2
115	62.9	52.6	79.0

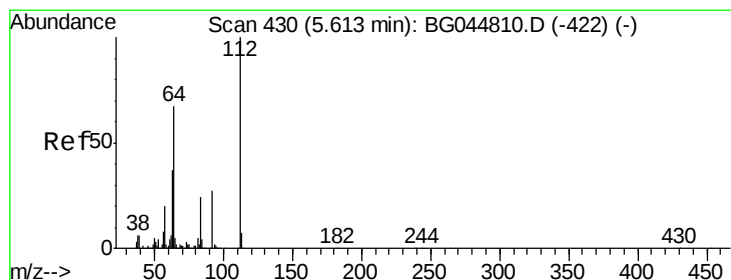
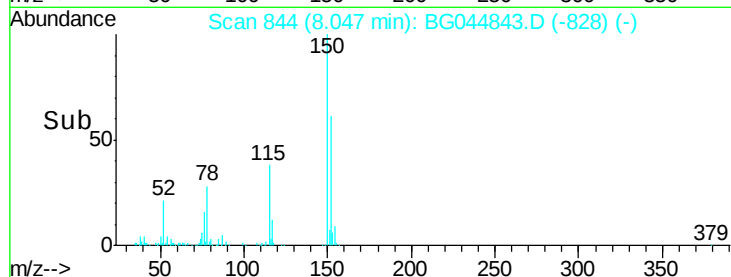
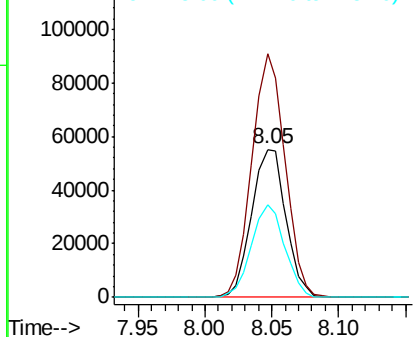


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

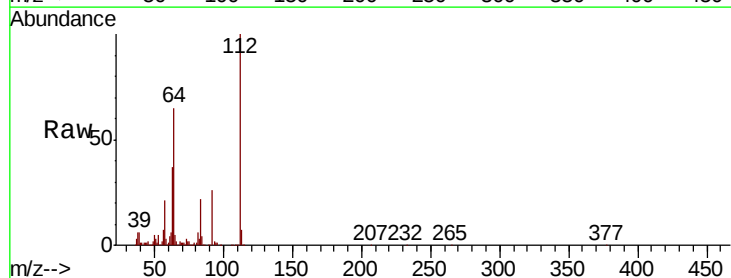
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.657 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.4	80.2
63	37.3	29.4	44.2

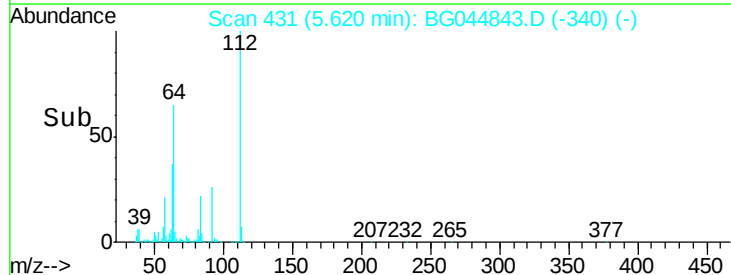
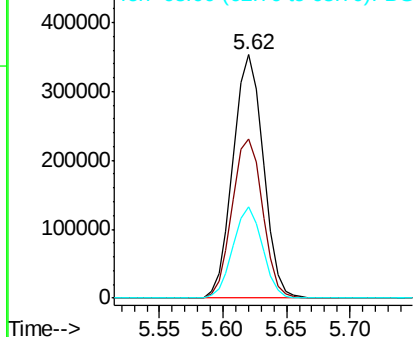


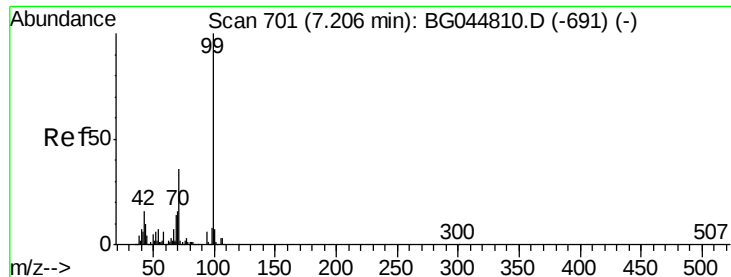
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 81.834 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044843.D

Acq: 17 Mar 2020 21:49

Instrument :

BNA_G

ClientSampleId :

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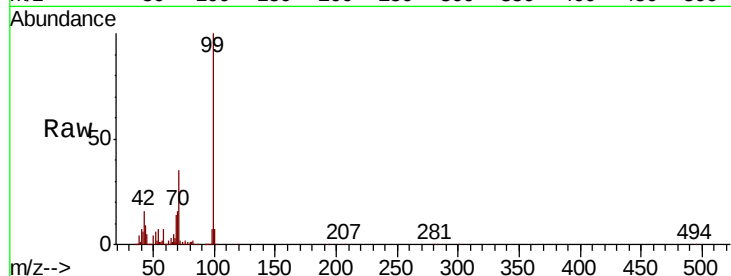
Tot Ion: 99 Resp: 743990

Ion Ratio Lower Upper

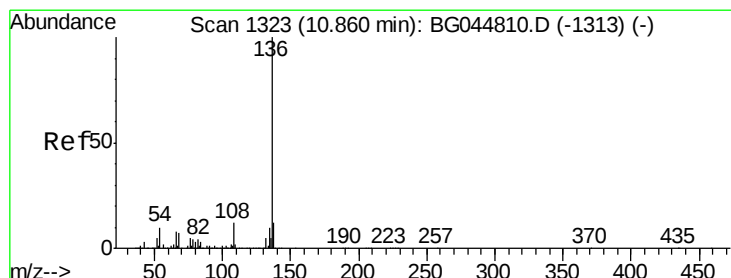
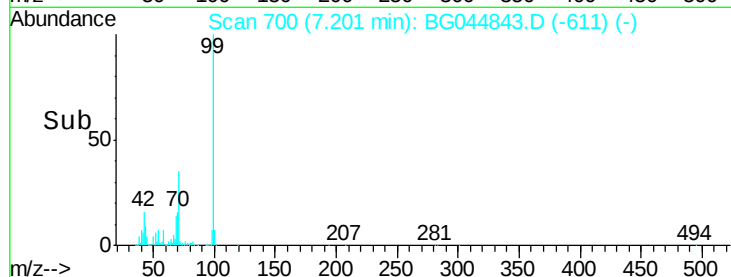
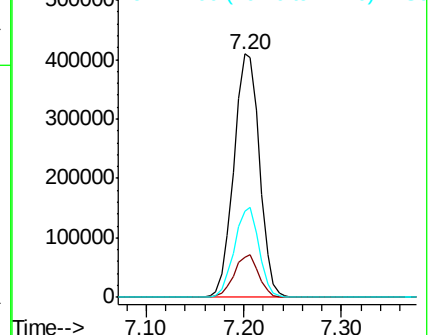
99 100

42 16.4 12.6 19.0

71 35.5 29.0 43.4



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: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044843.D

Acq: 17 Mar 2020 21:49

Tgt Ion: 136 Resp: 375486

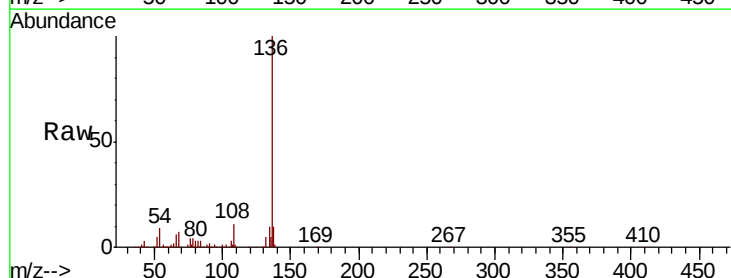
Ion Ratio Lower Upper

136 100

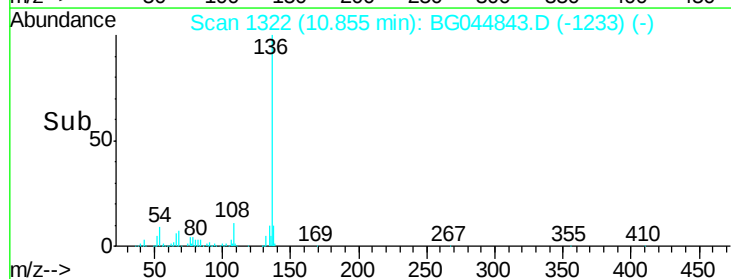
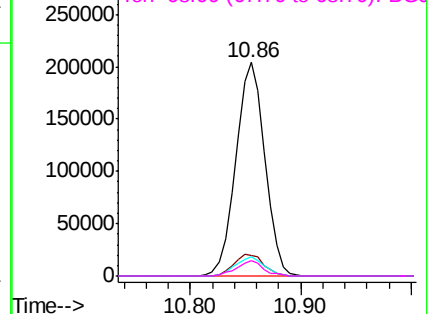
137 9.8 9.8 14.6

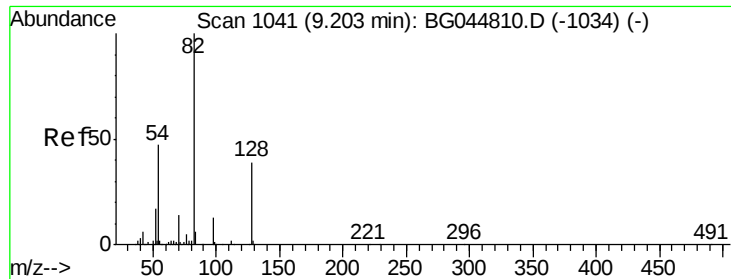
54 8.9 7.9 11.9

68 7.0 5.4 8.0



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

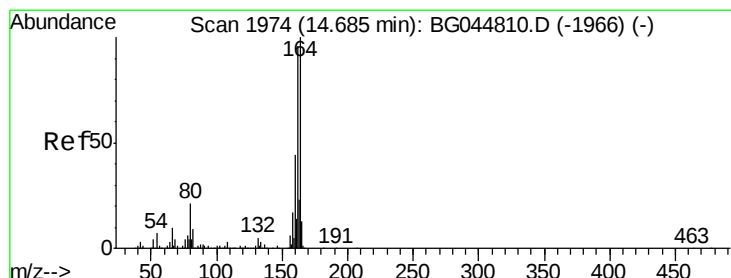
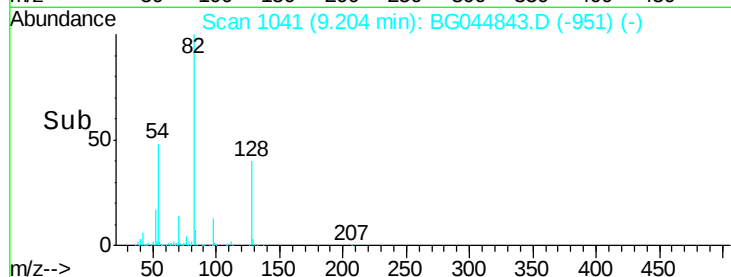
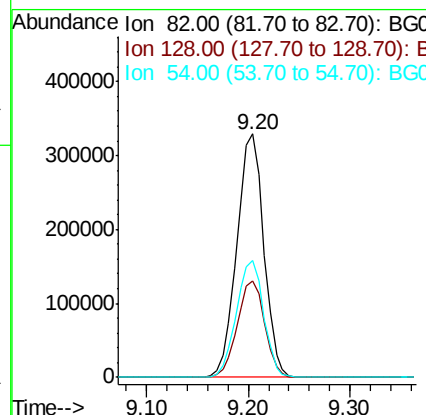
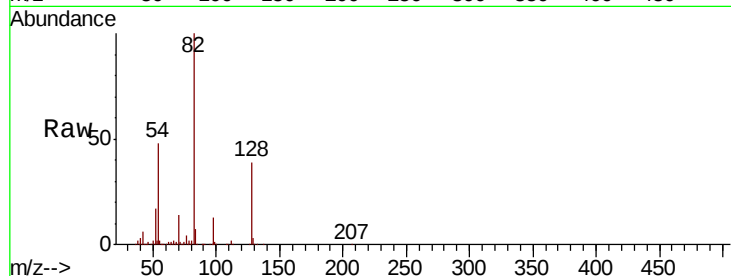




#23
 Nitrobenzene-d5
 Concen: 71.015 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044843.D
 Acq: 17 Mar 2020 21:49

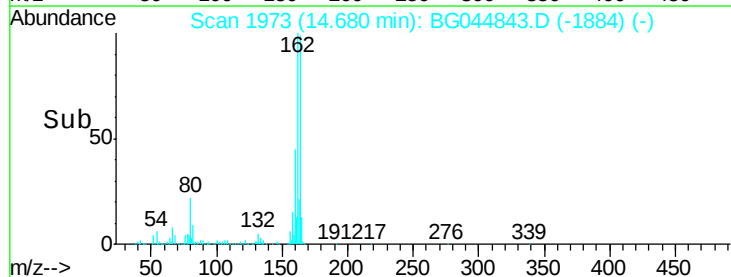
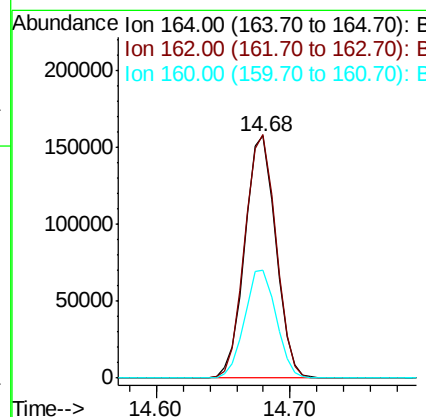
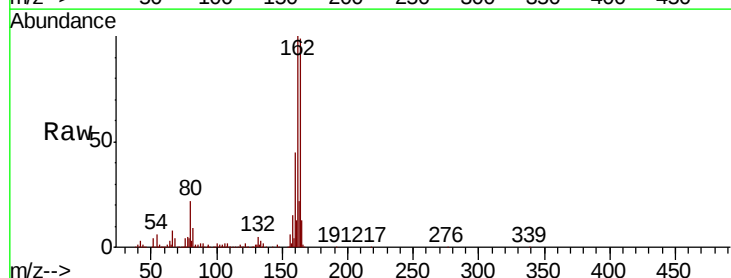
Instrument :
 BNA_G
 ClientSampleId :
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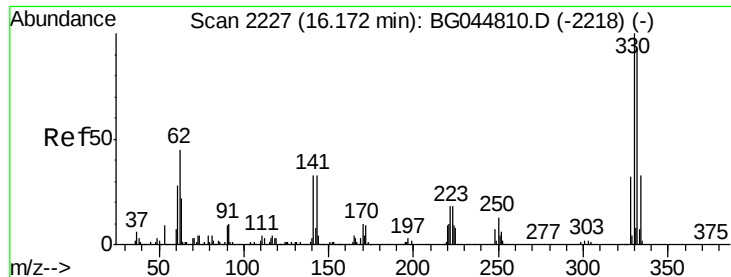
Tot Ion	82	Resp	607662
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.6	46.0
54	48.1	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044843.D
 Acq: 17 Mar 2020 21:49

Tgt Ion	164	Resp	252388
Ion Ratio	Lower	Upper	
164	100		
162	100.5	76.7	115.1
160	44.8	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 124.433 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044843.D

Acq: 17 Mar 2020 21:49

Instrument :

BNA_G

ClientSampleId :

P-2

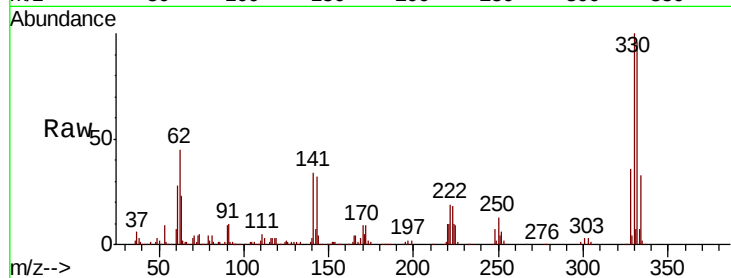
Tot Ion:330 Resp: 411205

Ion Ratio Lower Upper

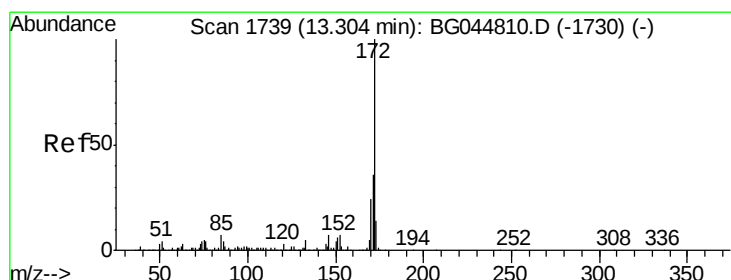
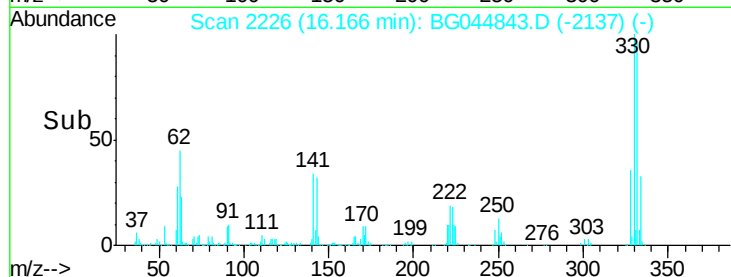
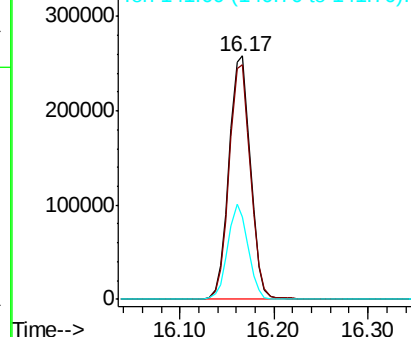
330 100

332 96.0 77.8 116.6

141 37.3 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: 73.506 ng

RT: 13.31 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG044843.D

Acq: 17 Mar 2020 21:49

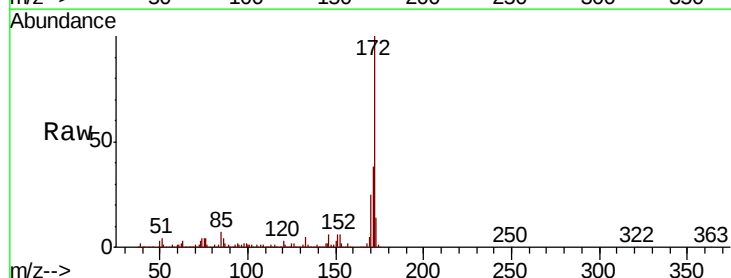
Tgt Ion:172 Resp: 1295500

Ion Ratio Lower Upper

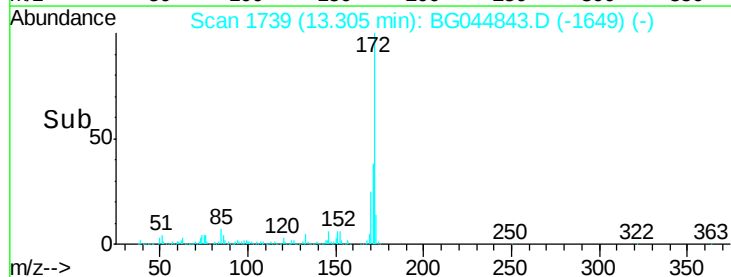
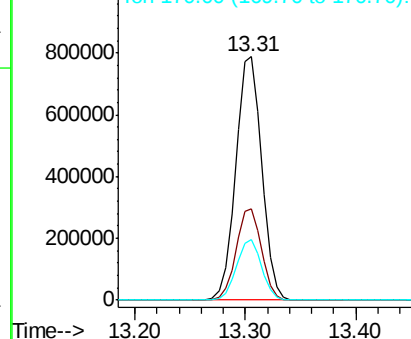
172 100

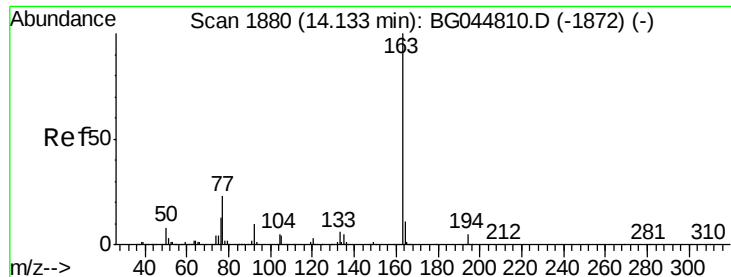
171 37.6 28.7 43.1

170 25.1 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: 7.602 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044843.D

Acq: 17 Mar 2020 21:49

Instrument :

BNA_G

ClientSampleId :

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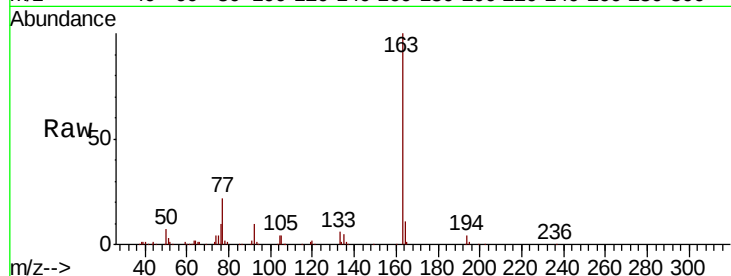
Tot Ion:163 Resp: 152814

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

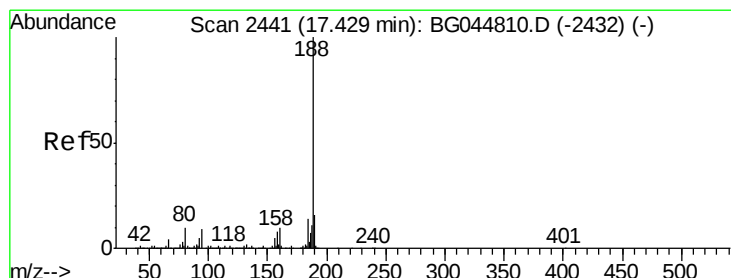
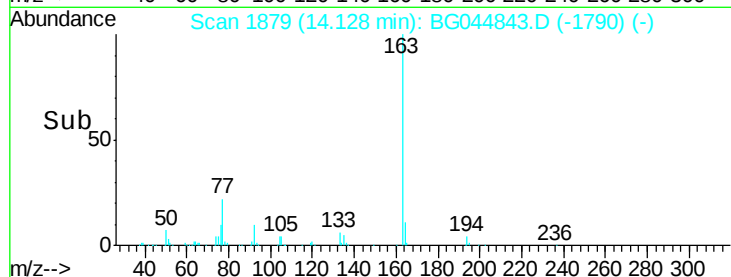
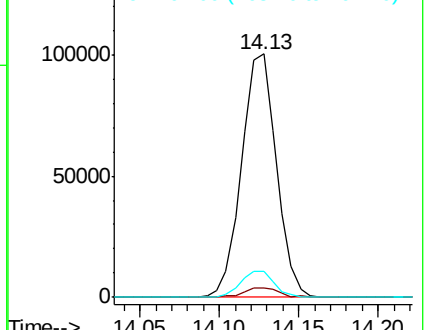
164 10.5 9.1 13.7



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# 2440

Delta R.T. -0.01 min

Lab File: BG044843.D

Acq: 17 Mar 2020 21:49

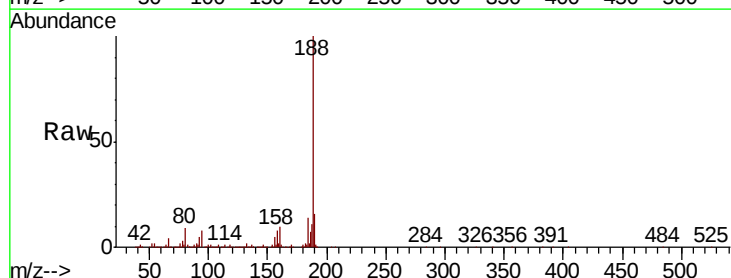
Tgt Ion:188 Resp: 562443

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

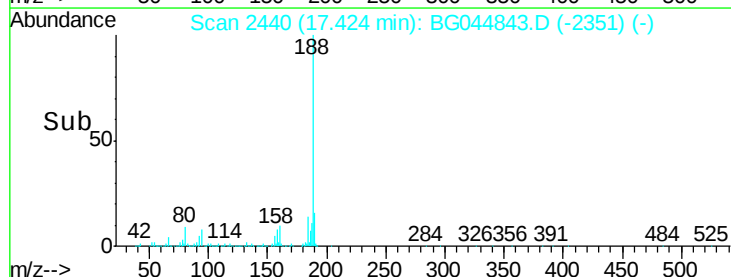
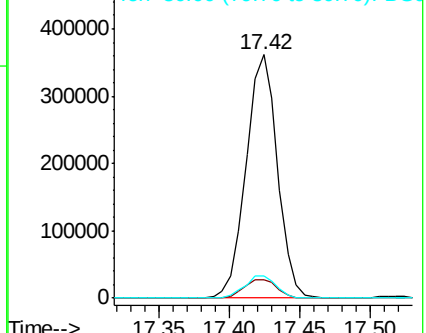
80 8.9 8.0 12.0

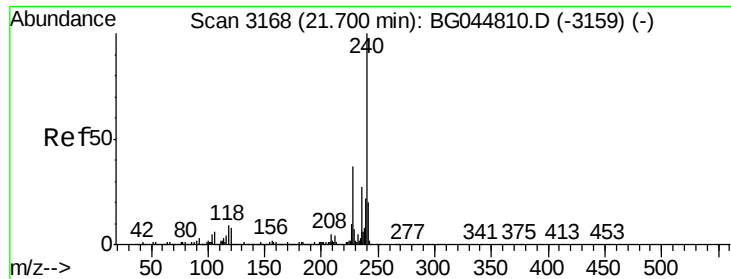


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

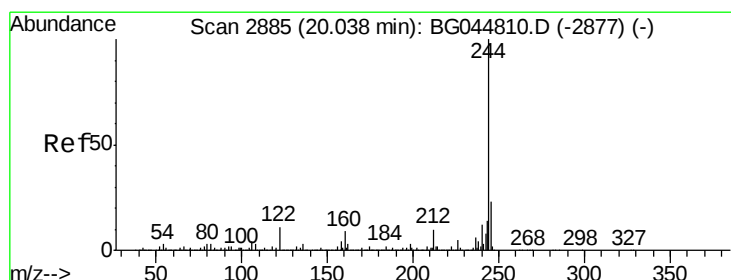
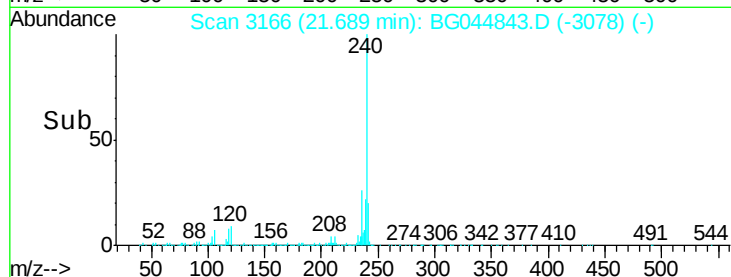
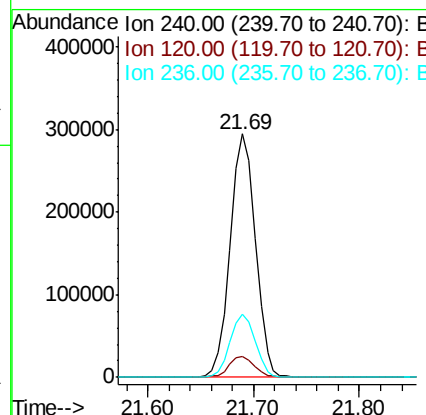
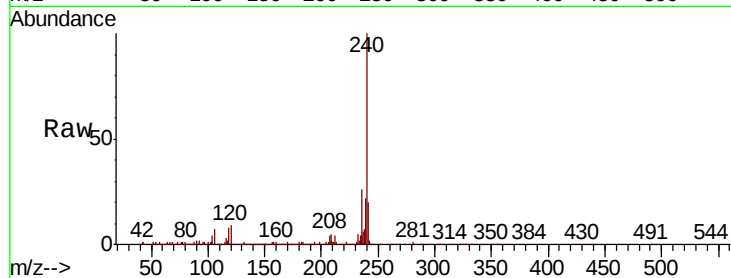




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

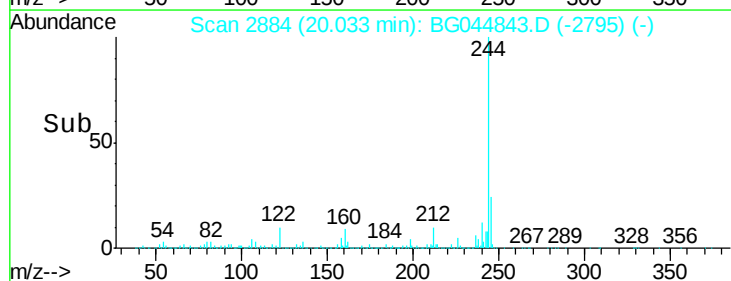
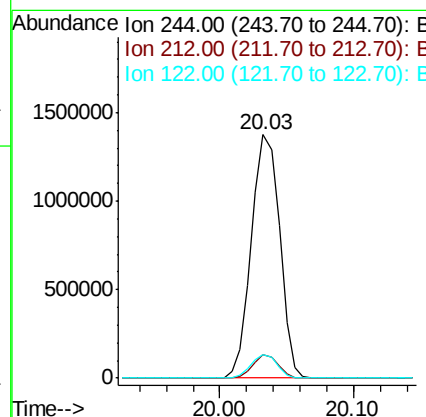
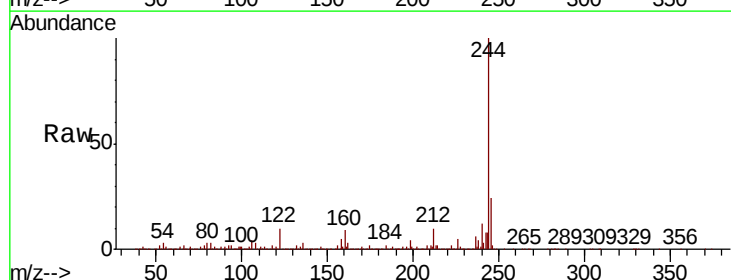
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BNA_G
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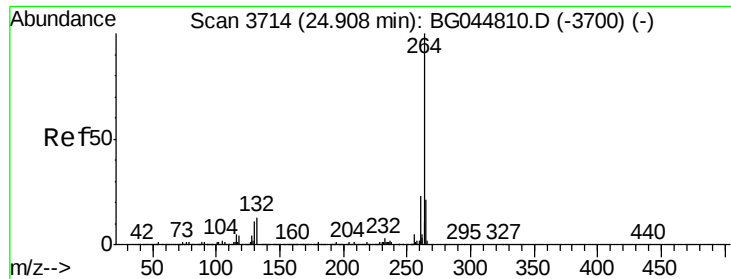
Tot Ion:240 Resp: 487582
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.1 21.5 32.3



#79
Terphenyl-d14
Concen: 77.171 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Tgt Ion:244 Resp: 2011565
Ion Ratio Lower Upper
244 100
212 9.6 7.7 11.5
122 9.9 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG044843.D
Acq: 17 Mar 2020 21:49

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:	264	Resp:	544603
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.1	27.1
265	21.2	17.1	25.7

