

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044876.D
 Acq On : 18 Mar 2020 23:08
 Operator : CG/JU
 Sample : L1917-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CBH-139

Quant Time: Mar 19 02:52:30 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

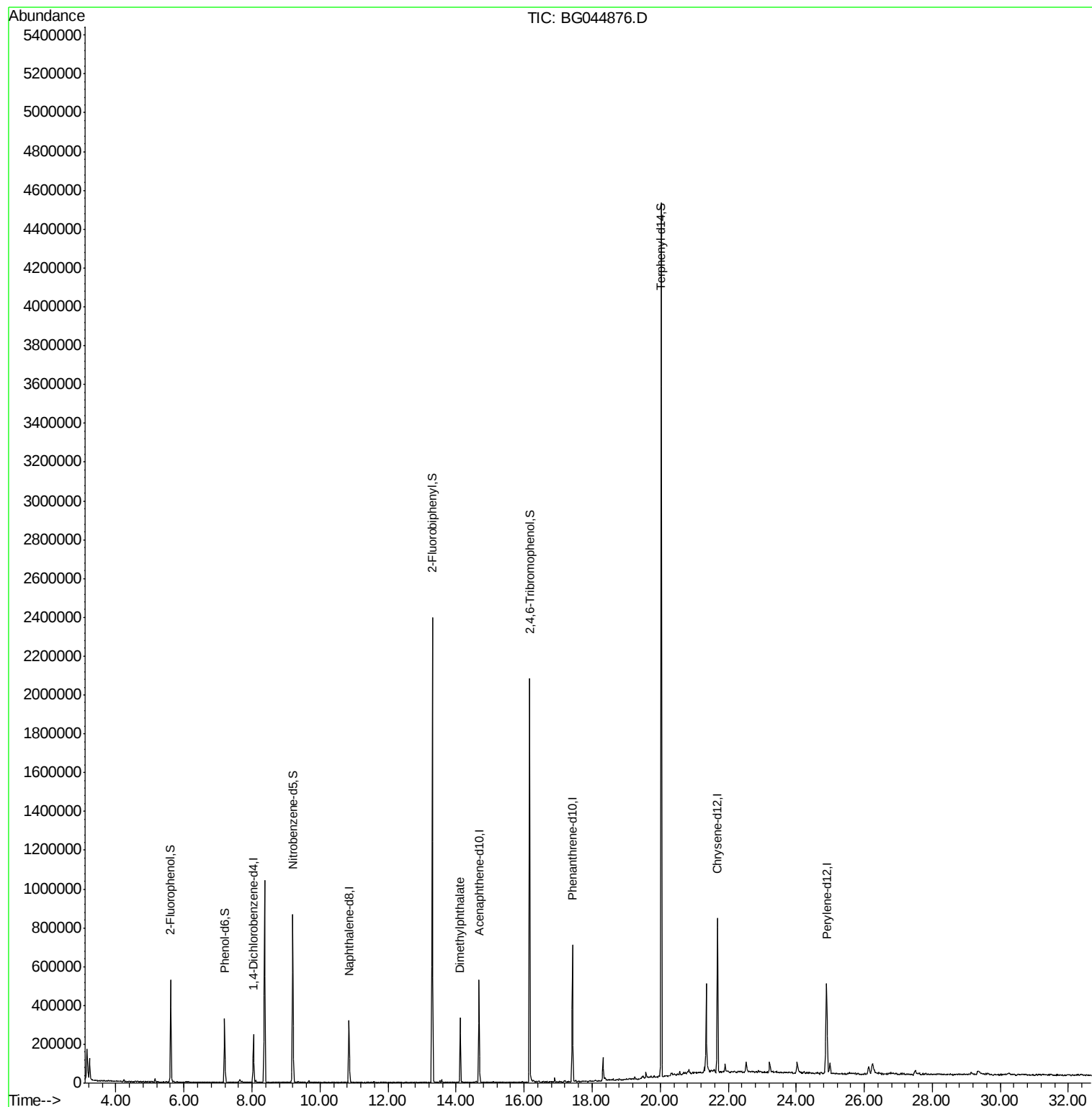
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	71068	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	279340	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	194100	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	466036	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	482341	20.00	ng	-0.02
87) Perylene-d12	24.89	264	500502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	238124	52.16	ng	0.00
7) Phenol-d6	7.19	99	200481	30.22	ng	-0.01
23) Nitrobenzene-d5	9.20	82	570487	89.62	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	396751	156.11	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1245174	91.87	ng	0.00
79) Terphenyl-d14	20.03	244	2166612	84.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	219101	14.173	ng	Qvalue 98

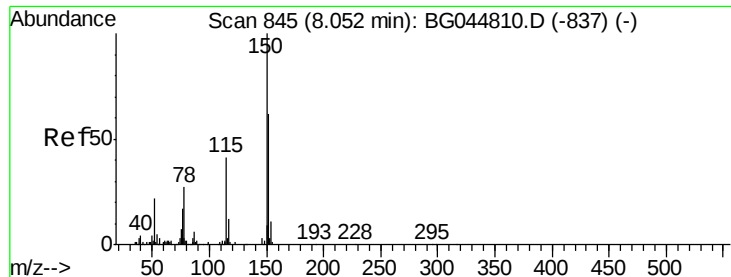
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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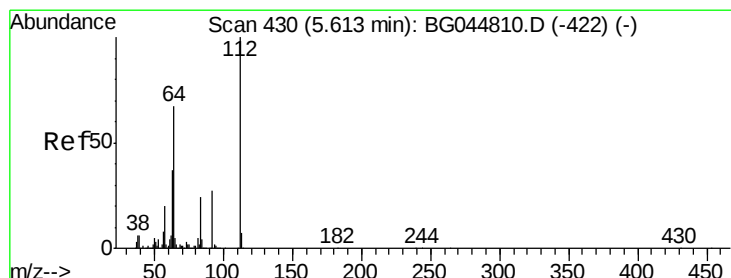
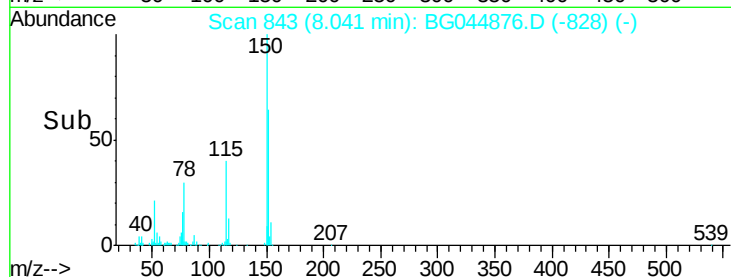
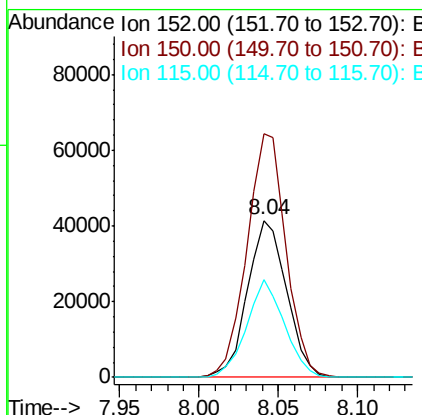
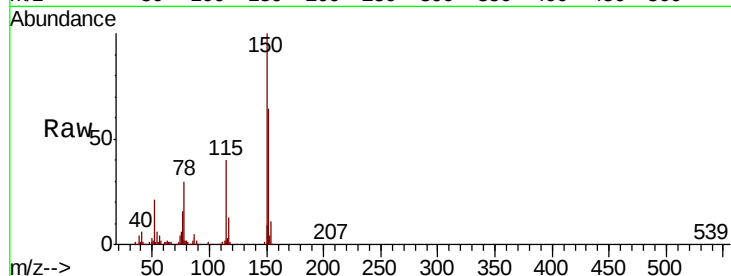


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampled :
CBH-139

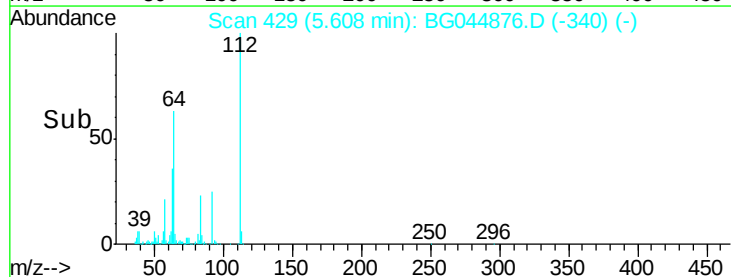
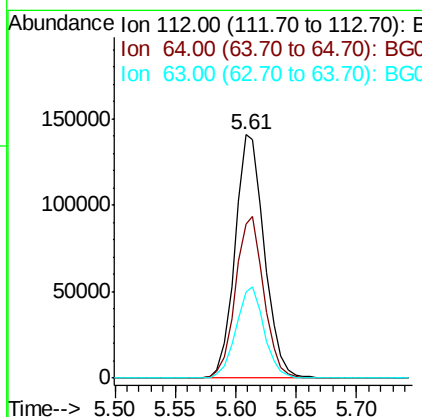
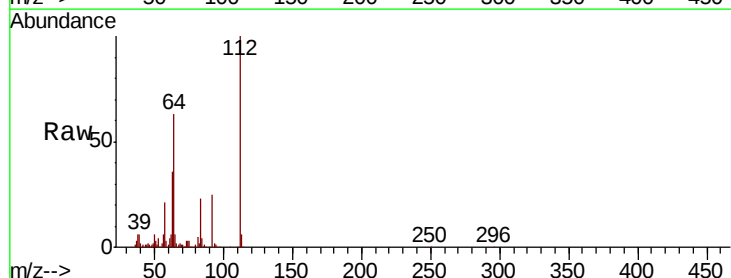
Tot Ion:152 Resp: 71068
Ion Ratio Lower Upper
152 100
150 155.4 128.8 193.2
115 62.0 52.6 79.0

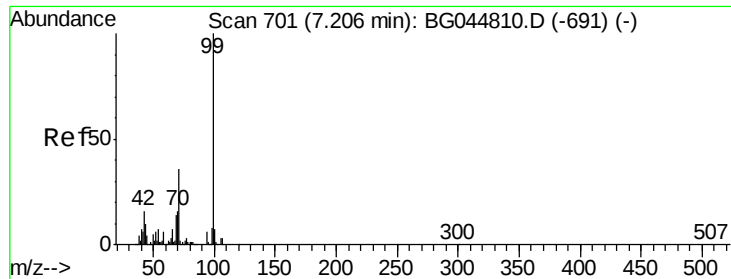


#5

2-Fluorophenol
Concen: 52.159 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion:112 Resp: 238124
Ion Ratio Lower Upper
112 100
64 63.4 53.4 80.2
63 35.6 29.4 44.2





#7

Phenol-d6

Concen: 30.224 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044876.D

Acq: 18 Mar 2020 23:08

Instrument :

BNA_G

ClientSampleId :

CBH-139

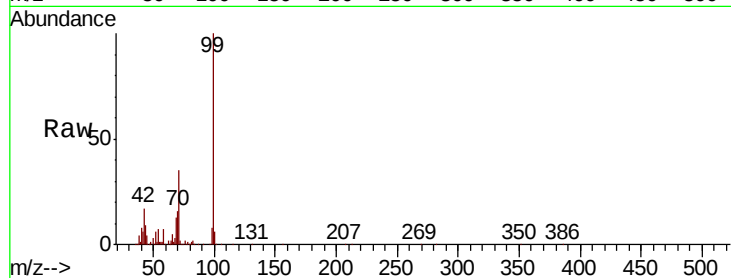
Tot Ion: 99 Resp: 200481

Ion Ratio Lower Upper

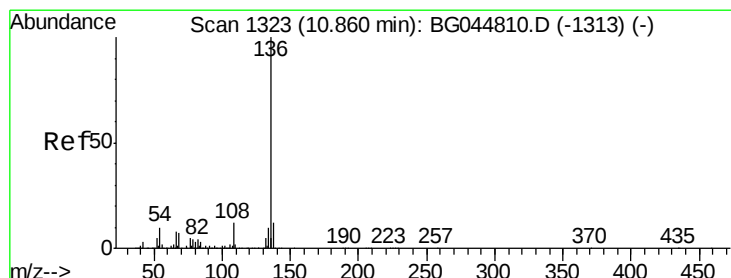
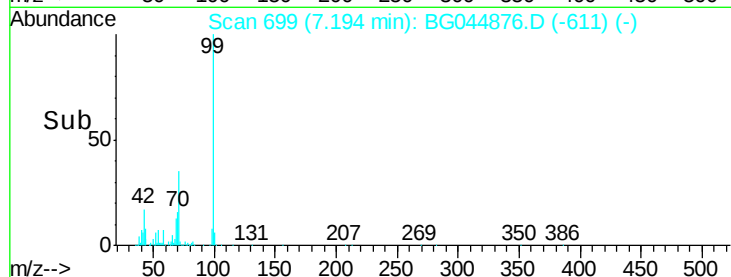
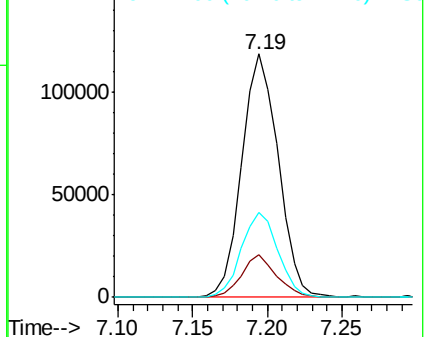
99 100

42 17.3 12.6 19.0

71 34.7 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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044876.D

Acq: 18 Mar 2020 23:08

Tgt Ion: 136 Resp: 279340

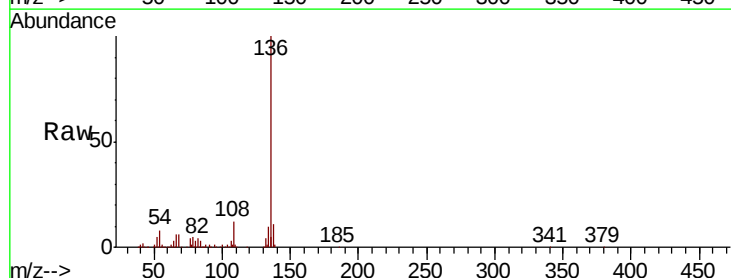
Ion Ratio Lower Upper

136 100

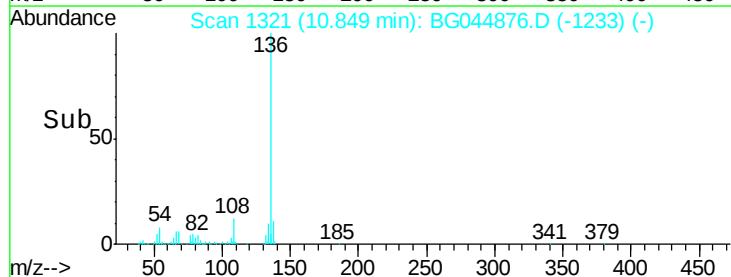
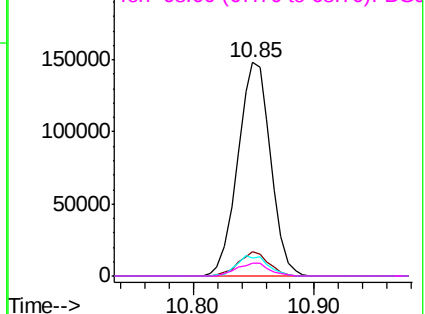
137 11.3 9.8 14.6

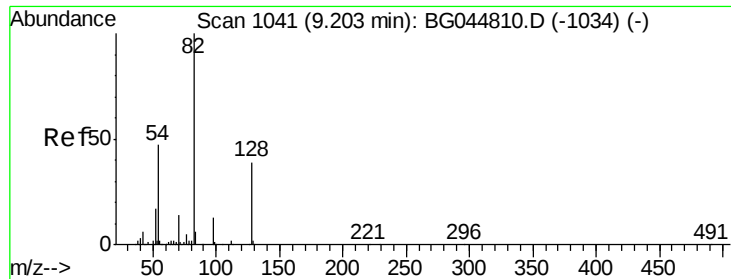
54 8.5 7.9 11.9

68 6.0 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

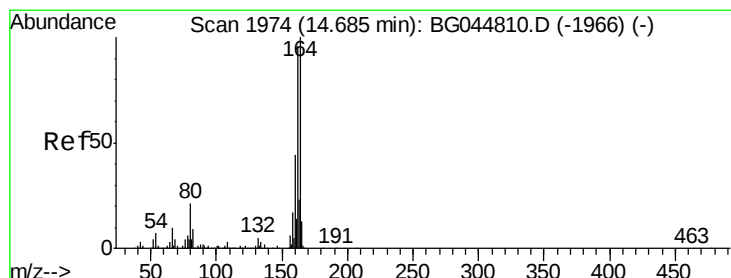
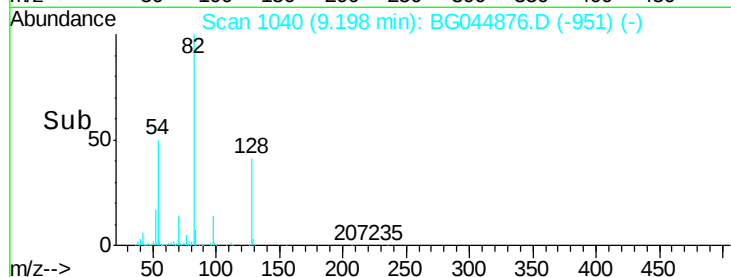
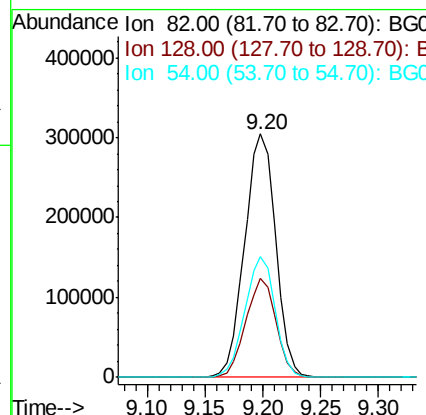
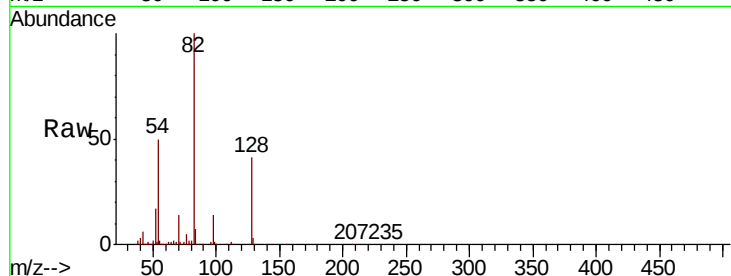




#23
 Nitrobenzene-d5
 Concen: 89.618 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044876.D
 Acq: 18 Mar 2020 23:08

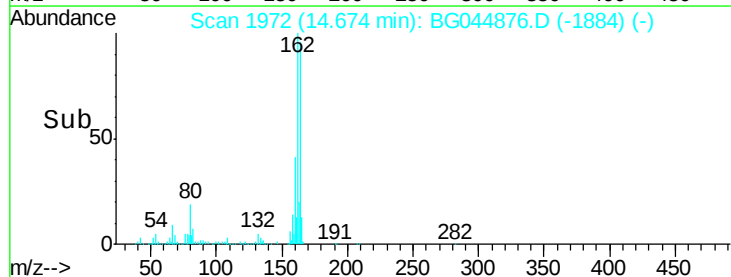
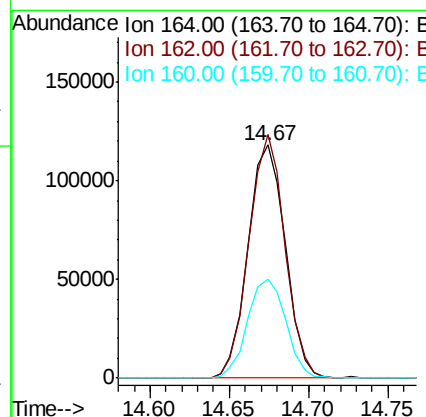
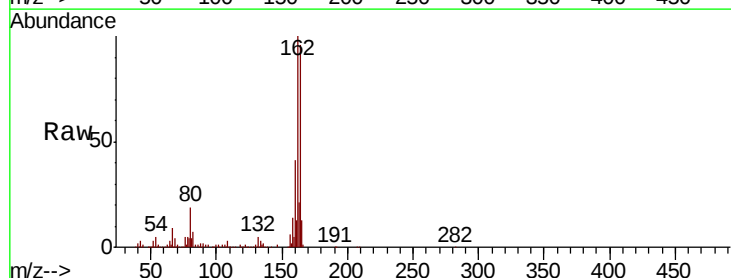
Instrument :
 BNA_G
 ClientSampleId :
 CBH-139

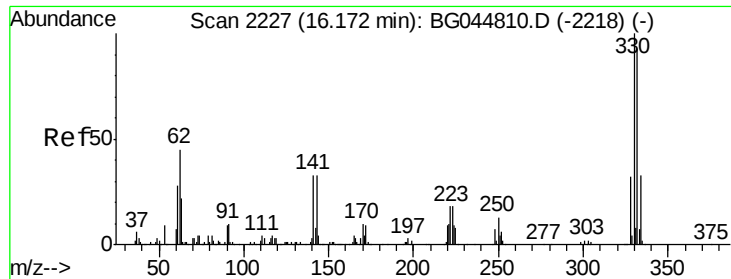
Tot Ion	82	Resp	570487
Ion Ratio	Lower	Upper	
82	100		
128	40.7	30.6	46.0
54	49.8	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044876.D
 Acq: 18 Mar 2020 23:08

Tgt Ion	164	Resp	194100
Ion Ratio	Lower	Upper	
164	100		
162	104.5	76.7	115.1
160	42.6	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 156.113 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044876.D

Acq: 18 Mar 2020 23:08

Instrument :

BNA_G

ClientSampleId :

CBH-139

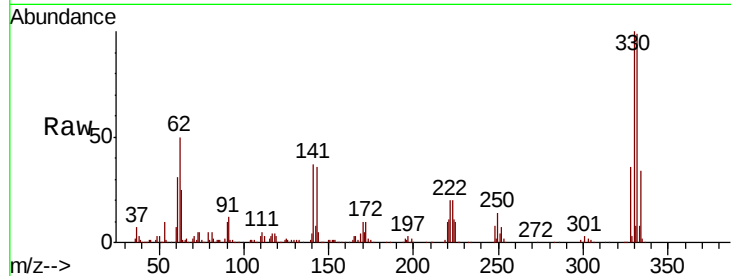
Tot Ion:330 Resp: 396751

Ion Ratio Lower Upper

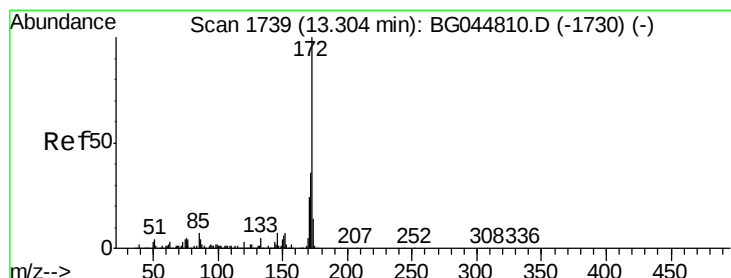
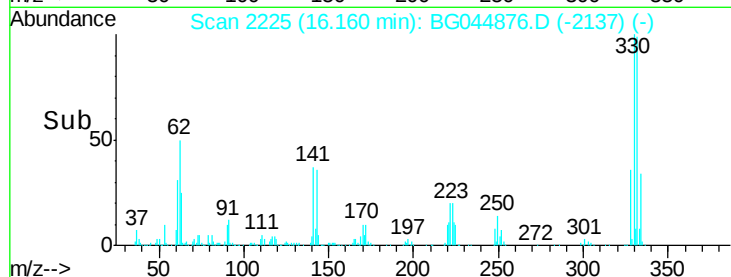
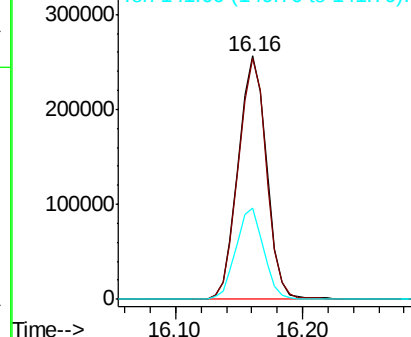
330 100

332 97.6 77.8 116.6

141 36.6 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: 91.867 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG044876.D

Acq: 18 Mar 2020 23:08

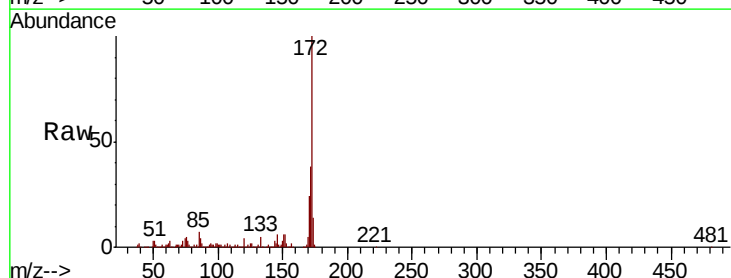
Tgt Ion:172 Resp: 1245174

Ion Ratio Lower Upper

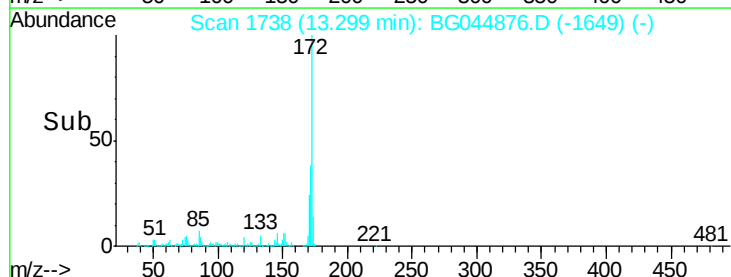
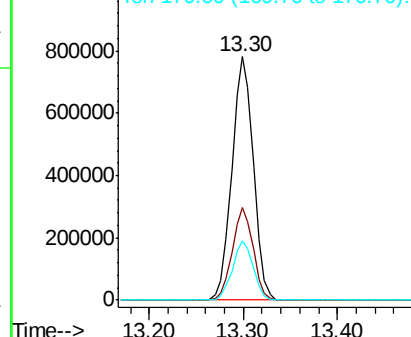
172 100

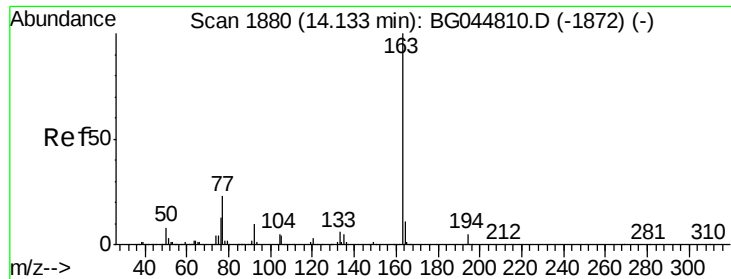
171 37.9 28.7 43.1

170 24.3 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

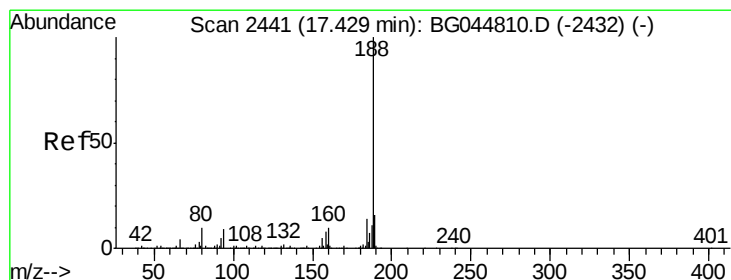
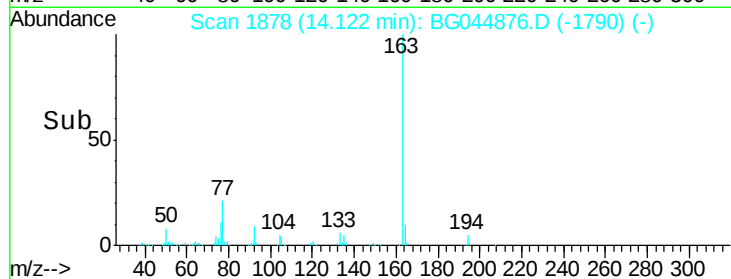
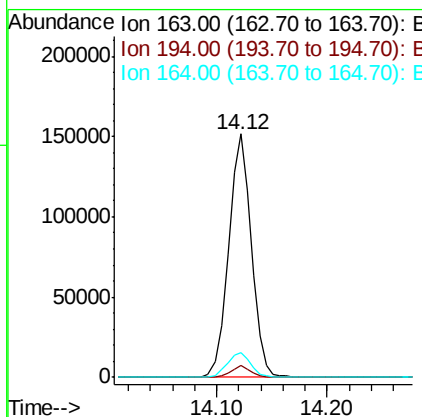
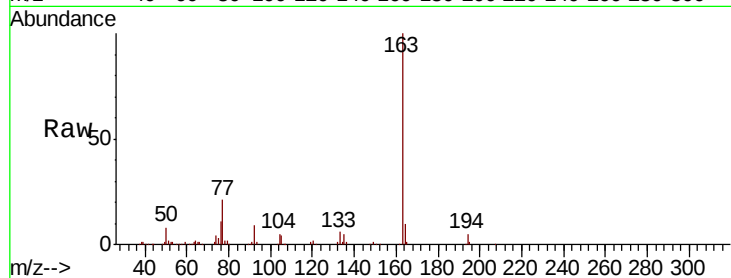




#50
Dimethylphthalate
Concen: 14.173 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

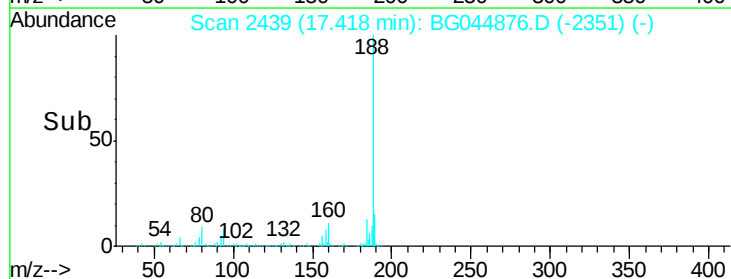
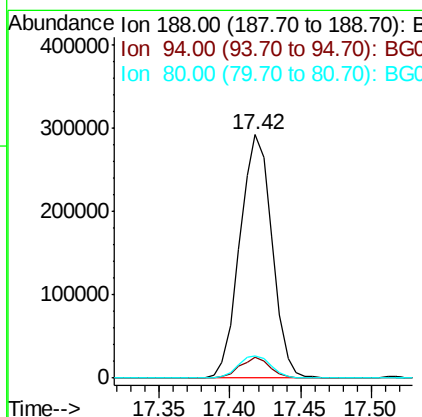
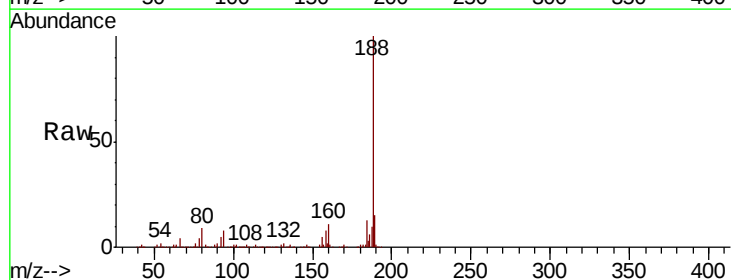
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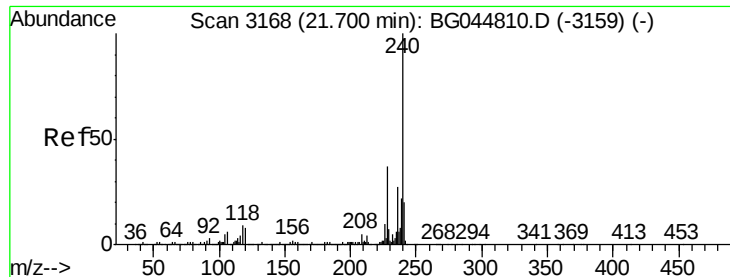
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	10.3	9.1	13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.3	10.9
80	9.2	8.0	12.0

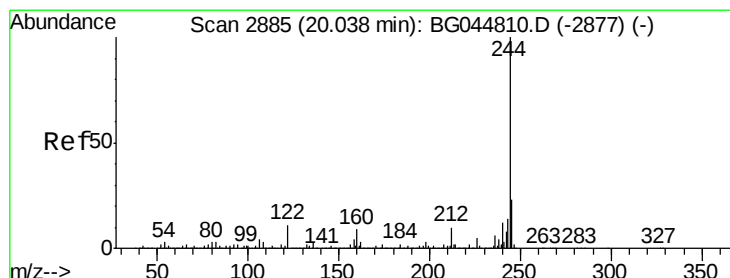
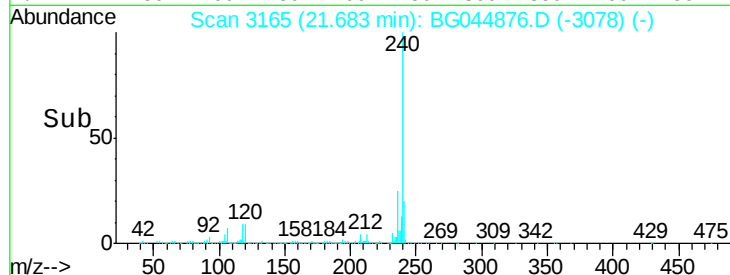
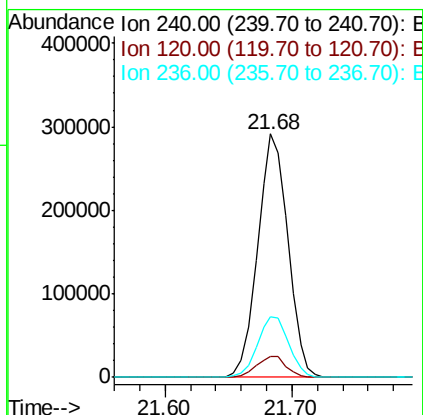
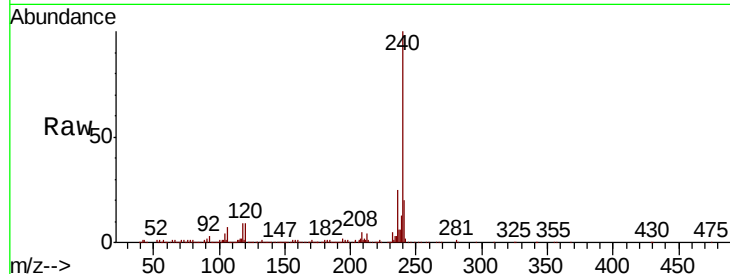




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG044876.D
 Acq: 18 Mar 2020 23:08

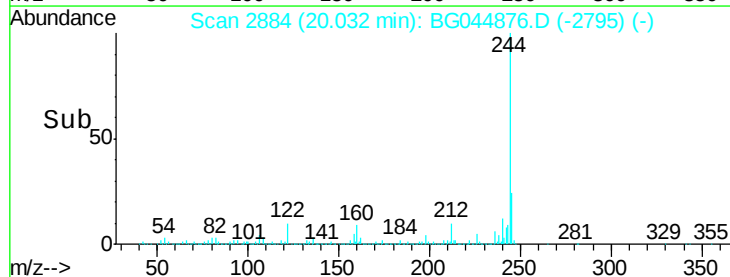
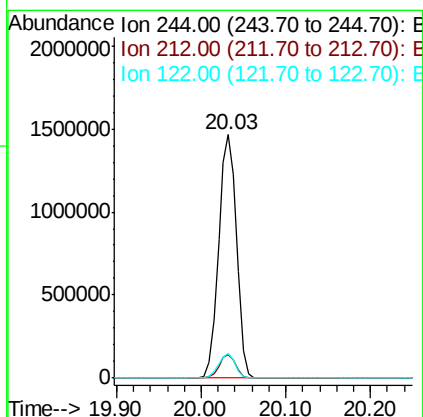
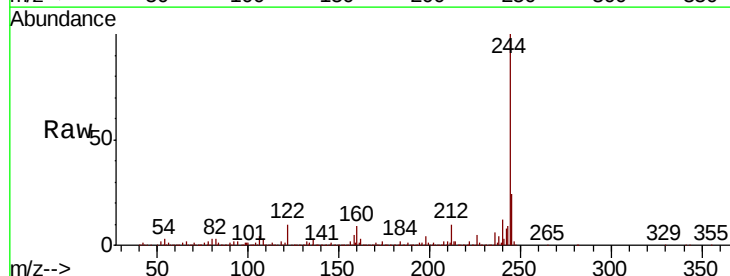
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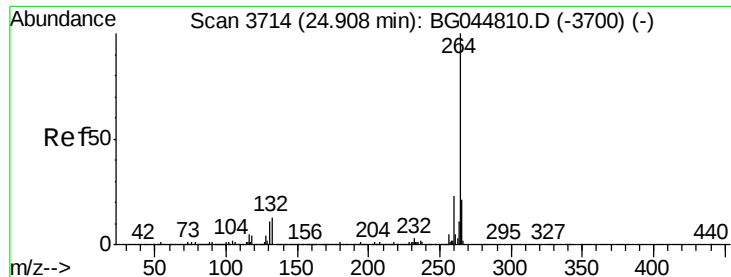
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	24.9	21.5	32.3



#79
 Terphenyl-d14
 Concen: 84.023 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG044876.D
 Acq: 18 Mar 2020 23:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	10.0	8.6	12.8

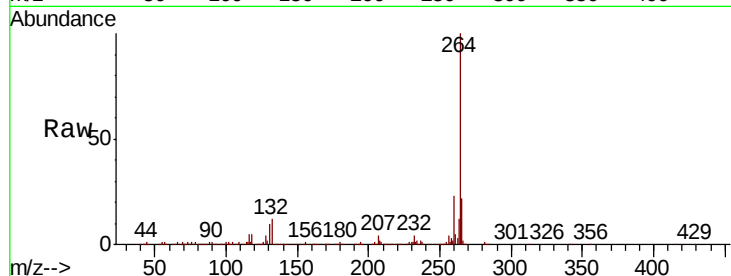




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044876.D
Acq: 18 Mar 2020 23:08

Instrument :
BNA_G
ClientSampleId :
CBH-139

Tot Ion:	264	Resp:	500502
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.1	27.1
265	22.0	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

