

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044907.D
 Acq On : 19 Mar 2020 21:35
 Operator : CG/JU
 Sample : L1965-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 80564952

Quant Time: Mar 20 02:29:19 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

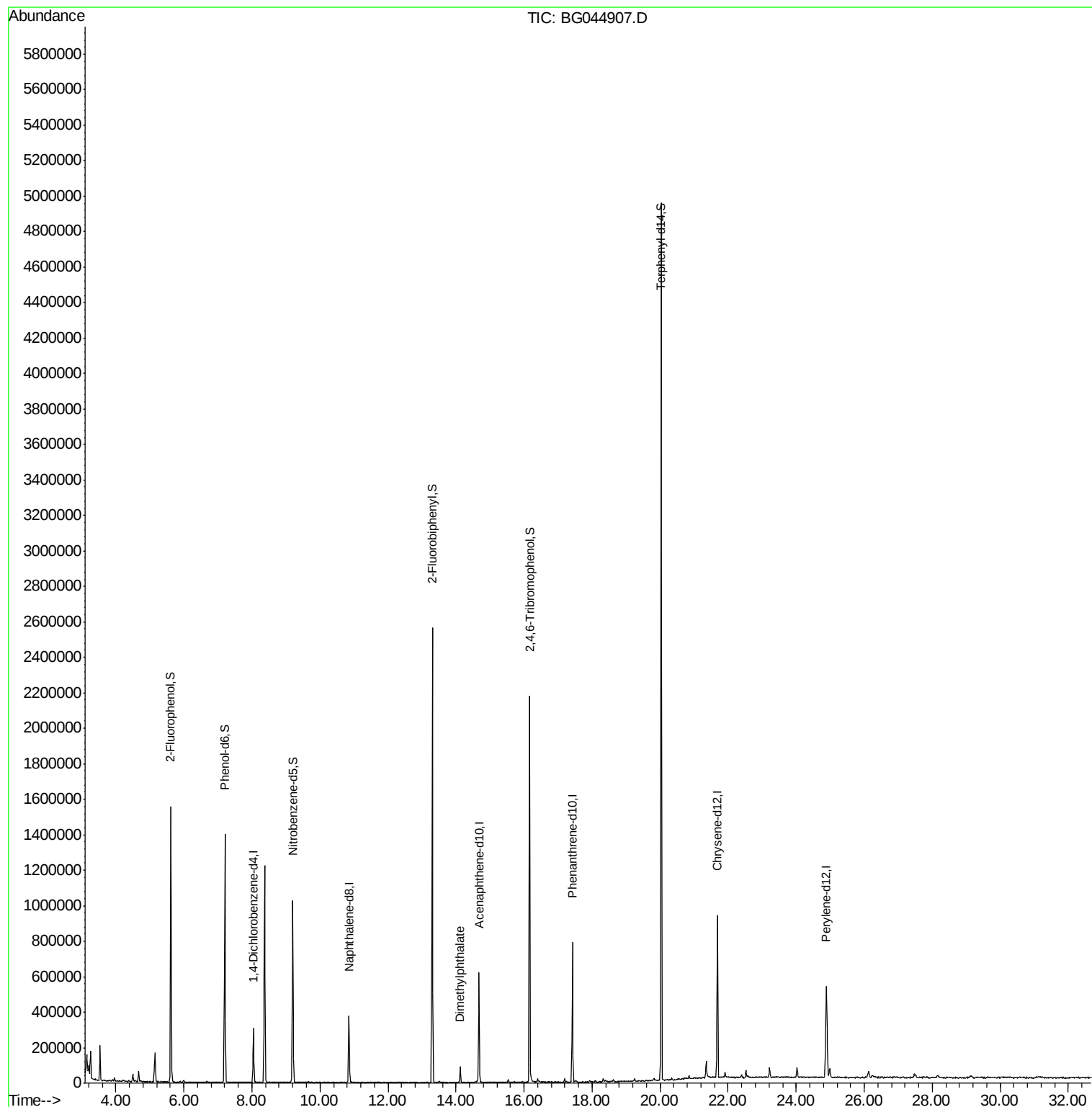
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89191	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	333102	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	222381	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	512770	20.00	ng	0.00
76) Chrysene-d12	21.68	240	518495	20.00	ng	-0.02
87) Perylene-d12	24.89	264	578941	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	661440	115.44	ng	0.00
7) Phenol-d6	7.20	99	849616	102.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	670351	88.31	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	438549	150.61	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1358529	87.48	ng	0.00
79) Terphenyl-d14	20.03	244	2341284	84.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	63578	3.590	ng	Qvalue 99

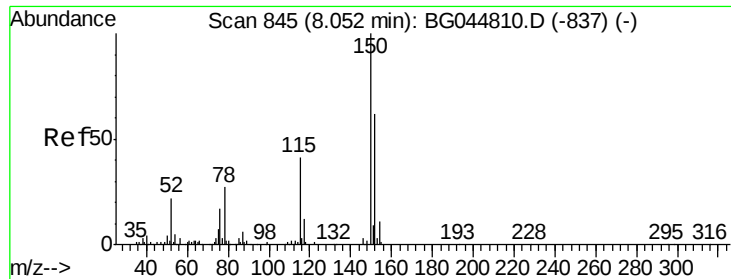
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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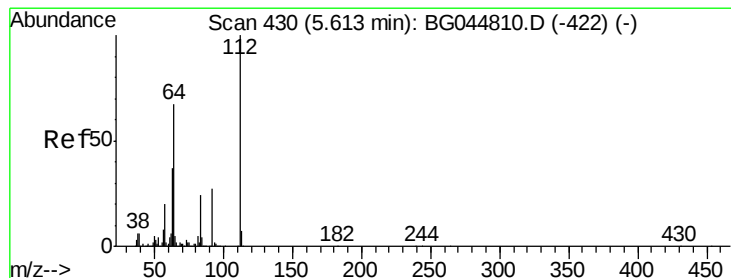
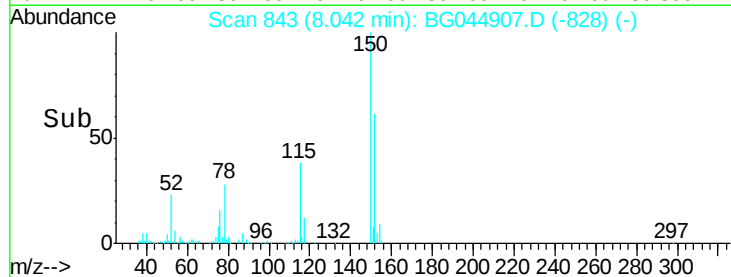
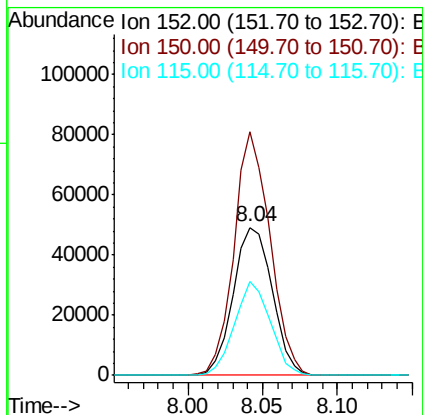
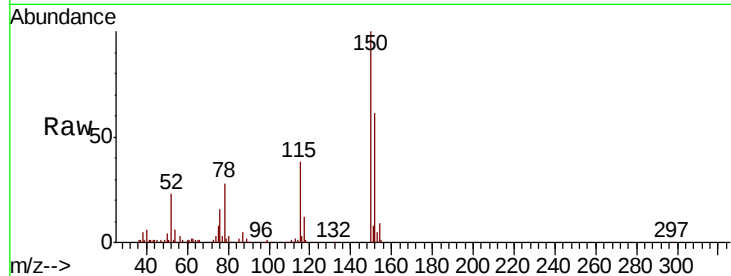


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044907.D
Acq: 19 Mar 2020 21:35

Instrument :
BNA_G
ClientSampleId :
80564952

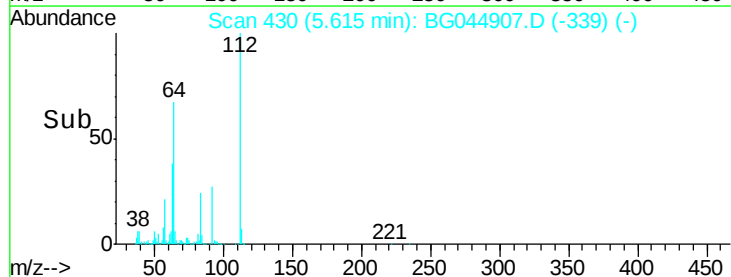
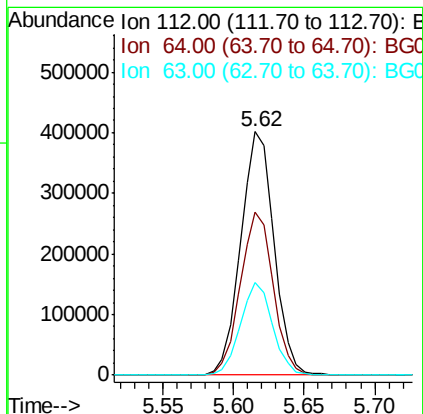
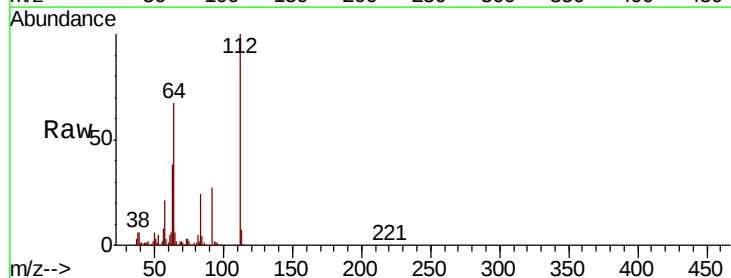
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	128.8	193.2
115	63.1	52.6	79.0

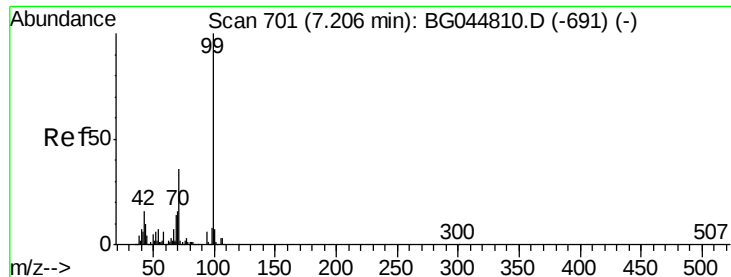


#5

2-Fluorophenol
Concen: 115.444 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044907.D
Acq: 19 Mar 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.4	80.2
63	38.0	29.4	44.2





#7

Phenol-d6

Concen: 102.061 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044907.D

Acq: 19 Mar 2020 21:35

Instrument :

BNA_G

ClientSampleId :

80564952

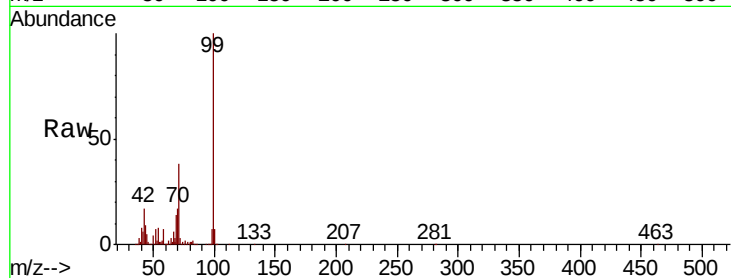
Tot Ion: 99 Resp: 849616

Ion Ratio Lower Upper

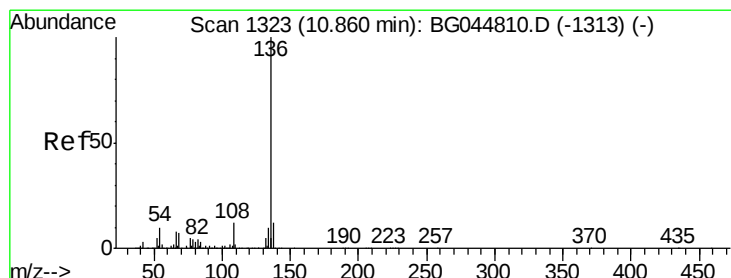
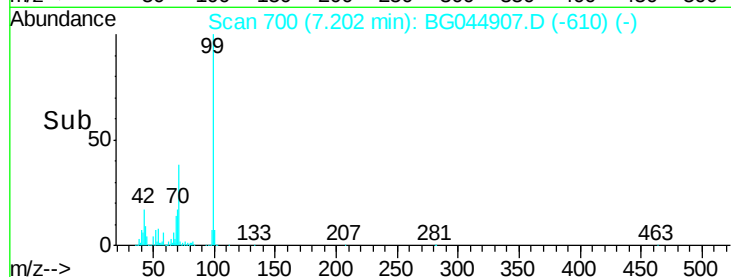
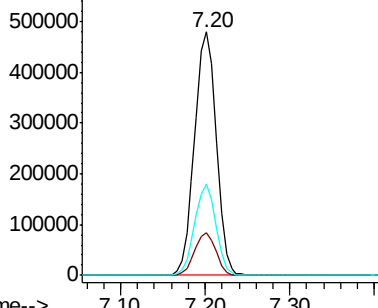
99 100

42 17.5 12.6 19.0

71 37.8 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: BG044907.D

Acq: 19 Mar 2020 21:35

Tgt Ion: 136 Resp: 333102

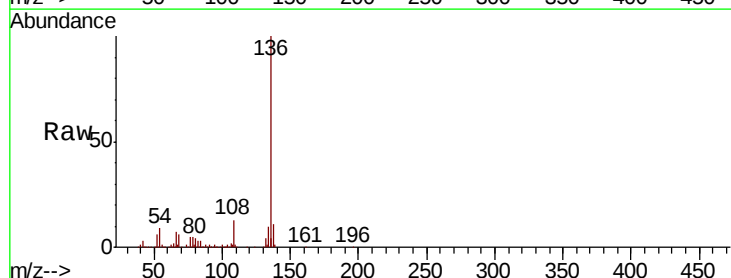
Ion Ratio Lower Upper

136 100

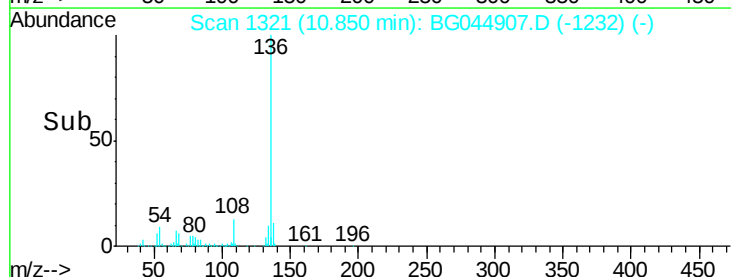
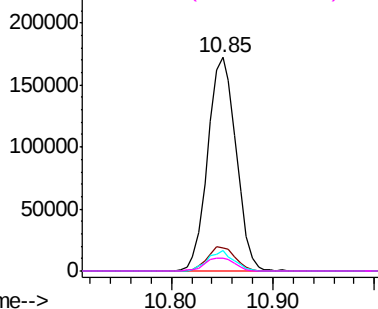
137 10.9 9.8 14.6

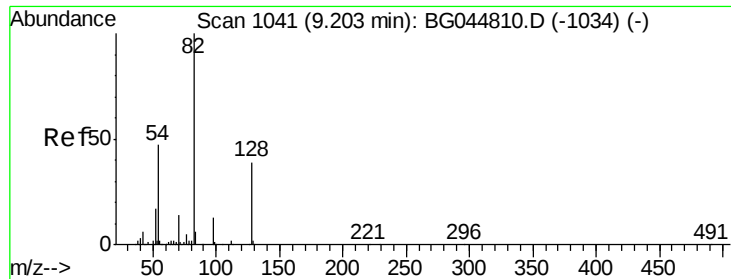
54 9.5 7.9 11.9

68 5.9 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

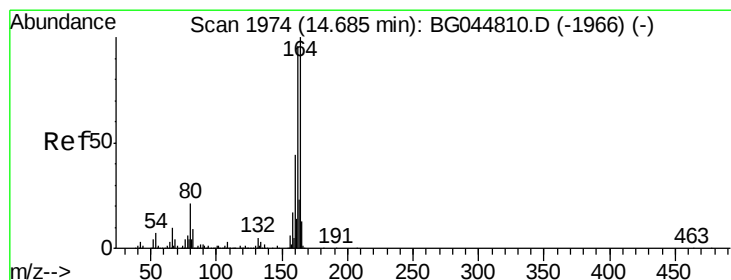
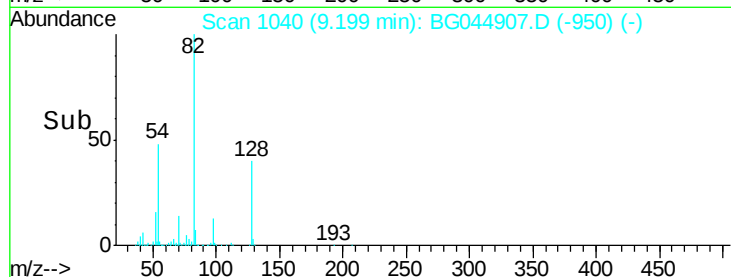
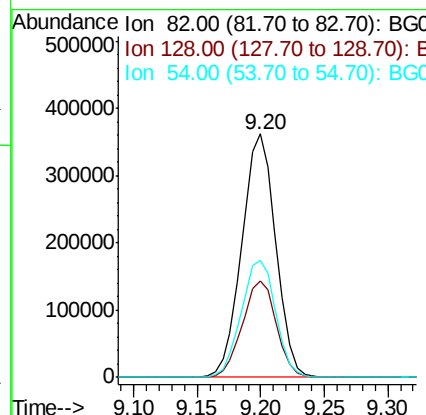
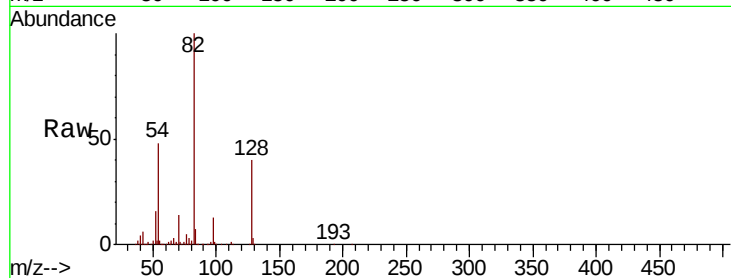




#23
 Nitrobenzene-d5
 Concen: 88.309 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044907.D
 Acq: 19 Mar 2020 21:35

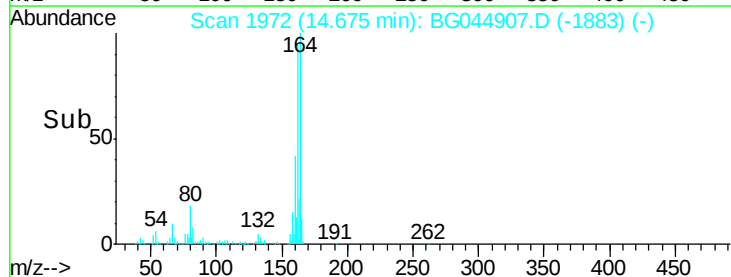
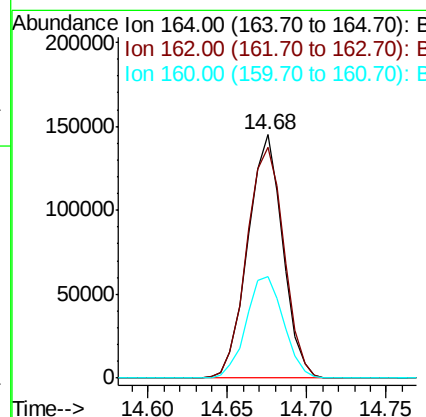
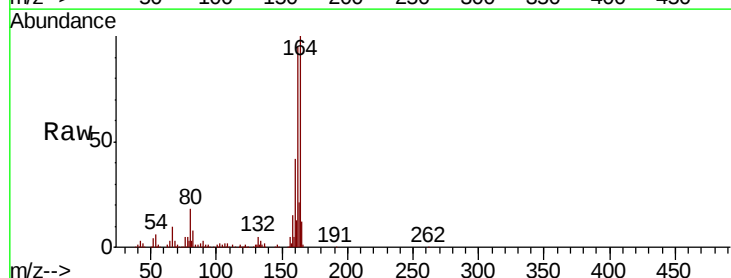
Instrument :
 BNA_G
 ClientSampleId :
 80564952

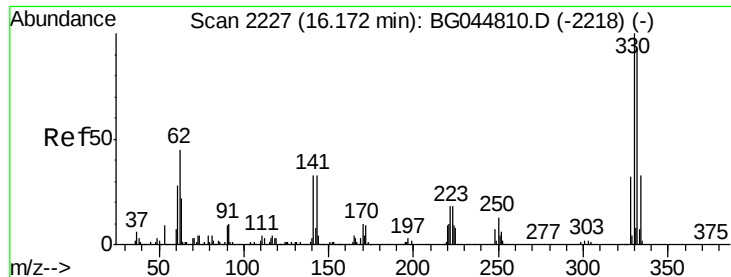
Tot Ion	82	Resp	670351
Ion Ratio	Lower	Upper	
82	100		
128	39.8	30.6	46.0
54	48.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044907.D
 Acq: 19 Mar 2020 21:35

Tgt Ion	164	Resp	222381
Ion Ratio	Lower	Upper	
164	100		
162	94.9	76.7	115.1
160	41.7	35.0	52.4

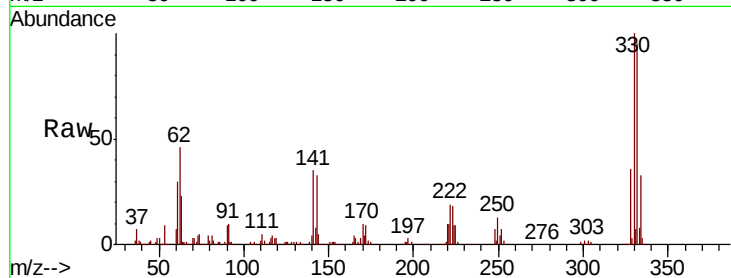




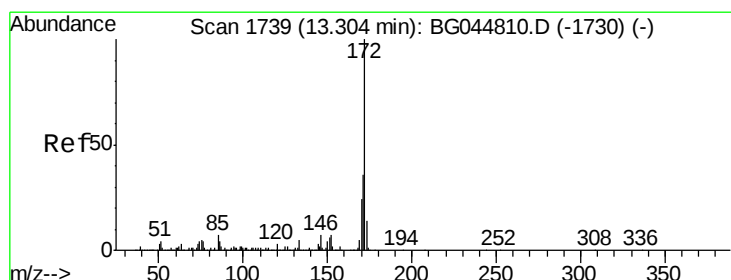
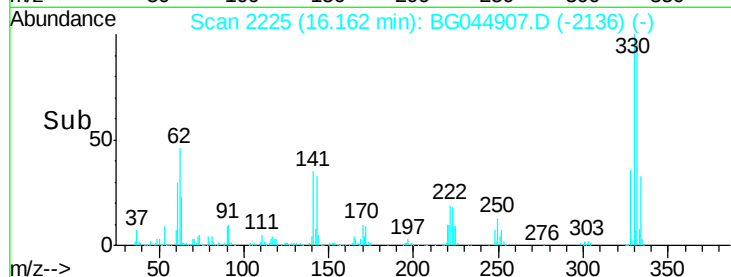
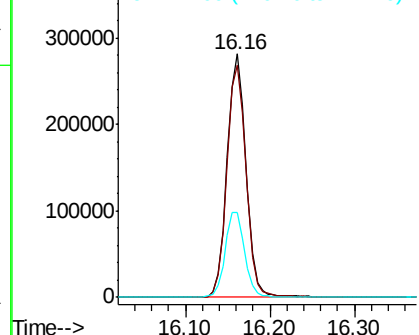
#42
 2,4,6-Tribromophenol
 Concen: 150.614 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044907.D
 Acq: 19 Mar 2020 21:35

Instrument :
 BNA_G
 ClientSampleId :
 80564952

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	36.5	29.5	44.3

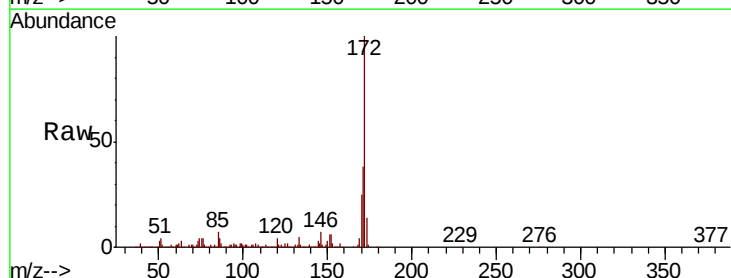


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

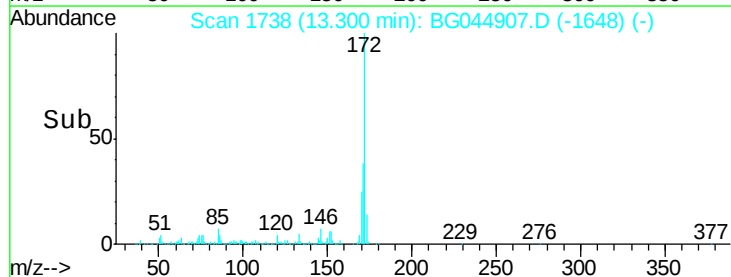
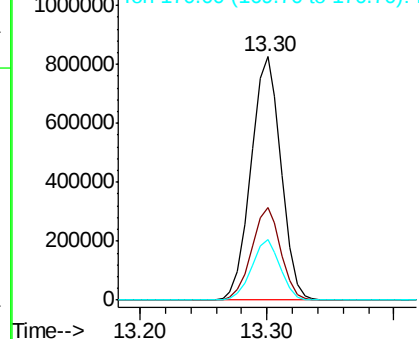


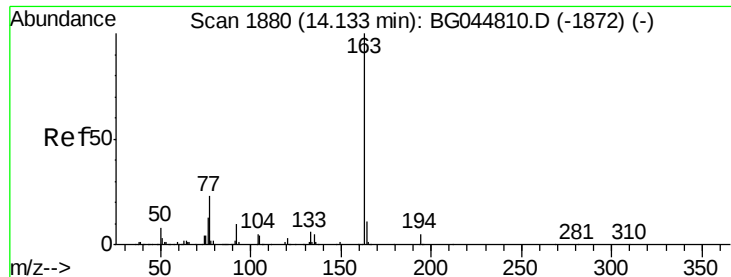
#45
 2-Fluorobiphenyl
 Concen: 87.483 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044907.D
 Acq: 19 Mar 2020 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	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: 3.590 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044907.D

Acq: 19 Mar 2020 21:35

Instrument :

BNA_G

ClientSampleId :

80564952

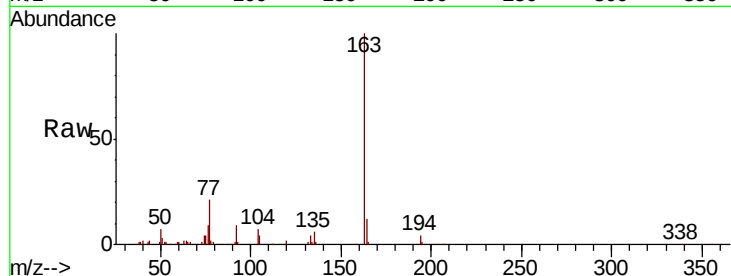
Tot Ion:163 Resp: 63578

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

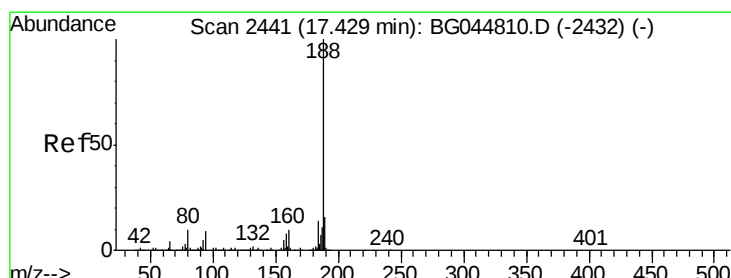
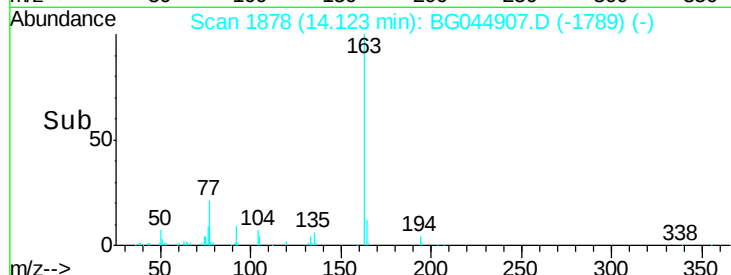
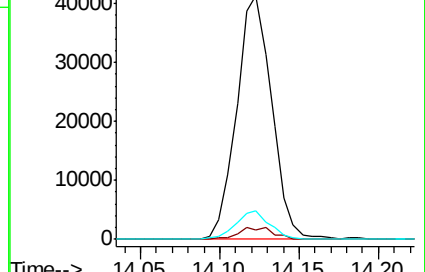
164 11.5 9.1 13.7



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# 2439

Delta R.T. -0.01 min

Lab File: BG044907.D

Acq: 19 Mar 2020 21:35

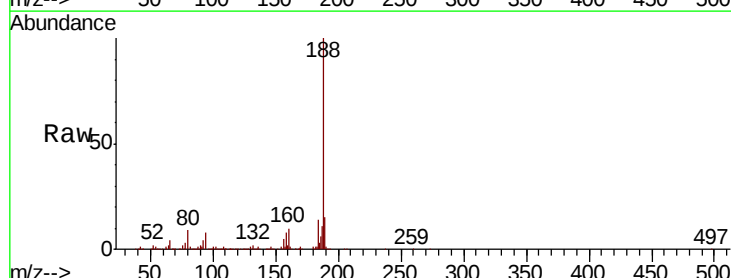
Tgt Ion:188 Resp: 512770

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

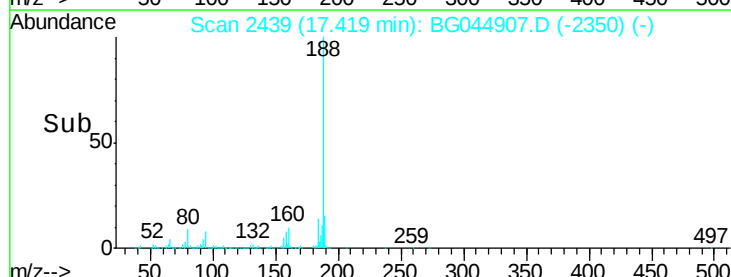
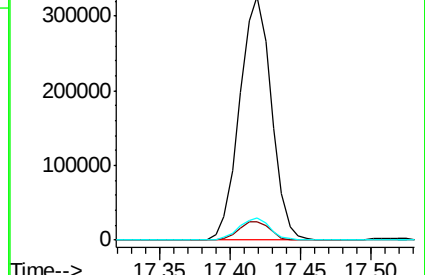
80 8.9 8.0 12.0

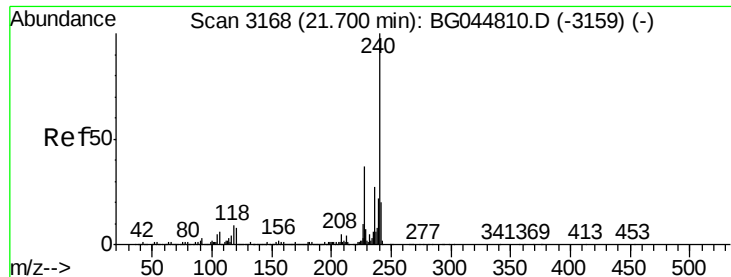


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044907.D

Acq: 19 Mar 2020 21:35

Instrument :

BNA_G

ClientSampleId :

80564952

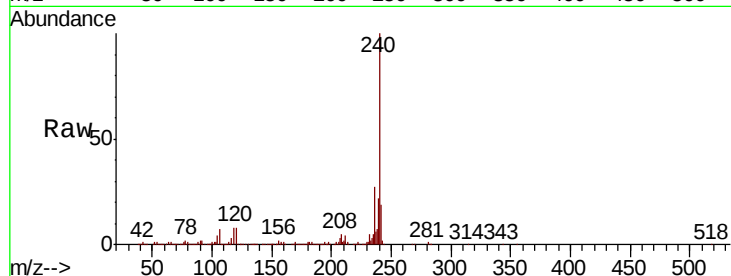
Tot Ion:240 Resp: 518495

Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

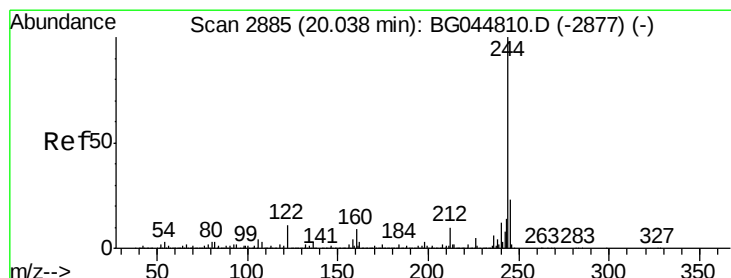
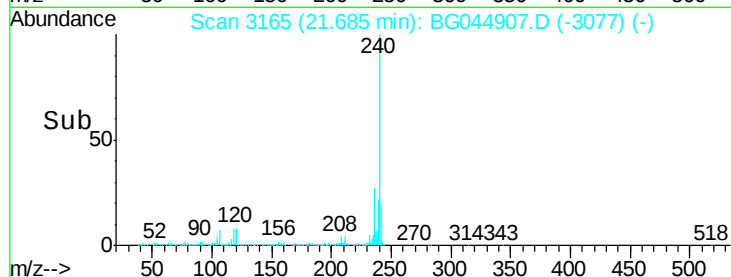
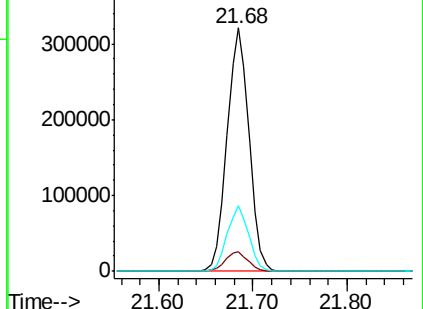
236 26.8 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 84.465 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044907.D

Acq: 19 Mar 2020 21:35

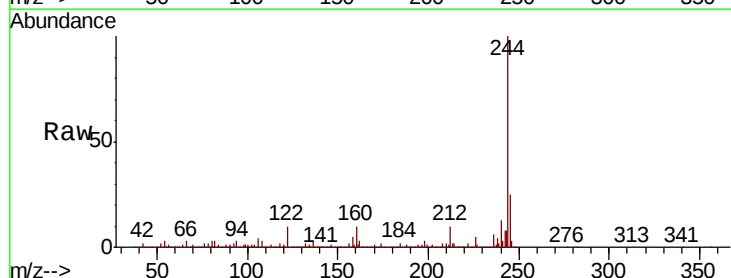
Tgt Ion:244 Resp: 2341284

Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

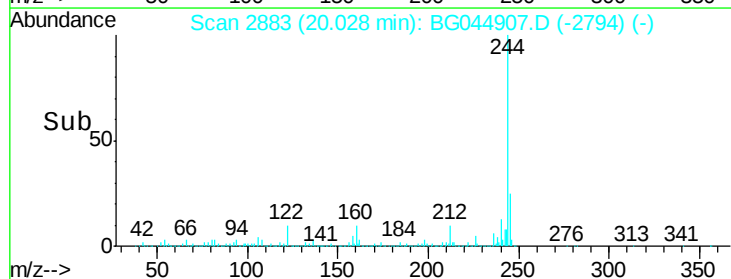
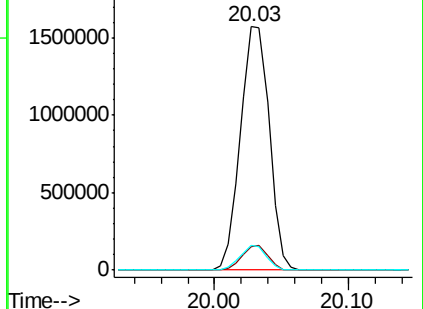
122 10.0 8.6 12.8

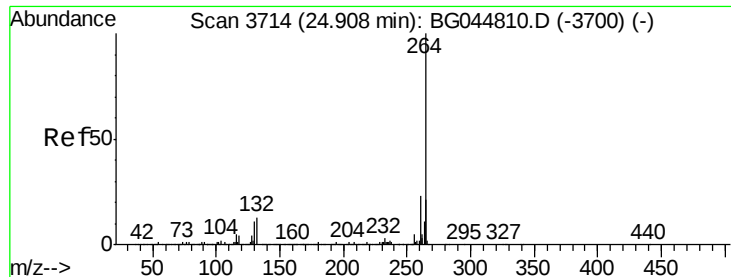


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

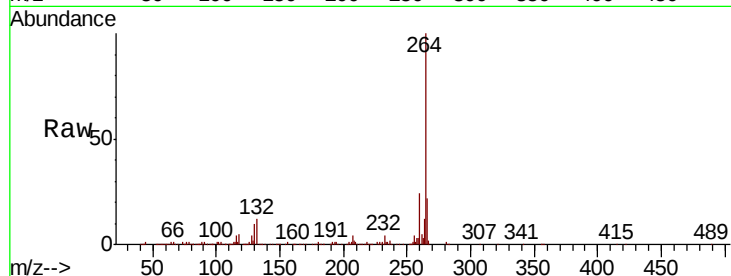




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044907.D
Acq: 19 Mar 2020 21:35

Instrument :
BNA_G
ClientSampleId :
80564952

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.1	27.1
265	21.5	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

