

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044882.D
 Acq On : 19 Mar 2020 3:06
 Operator : CG/JU
 Sample : L1913-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Mar 19 04:02:23 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

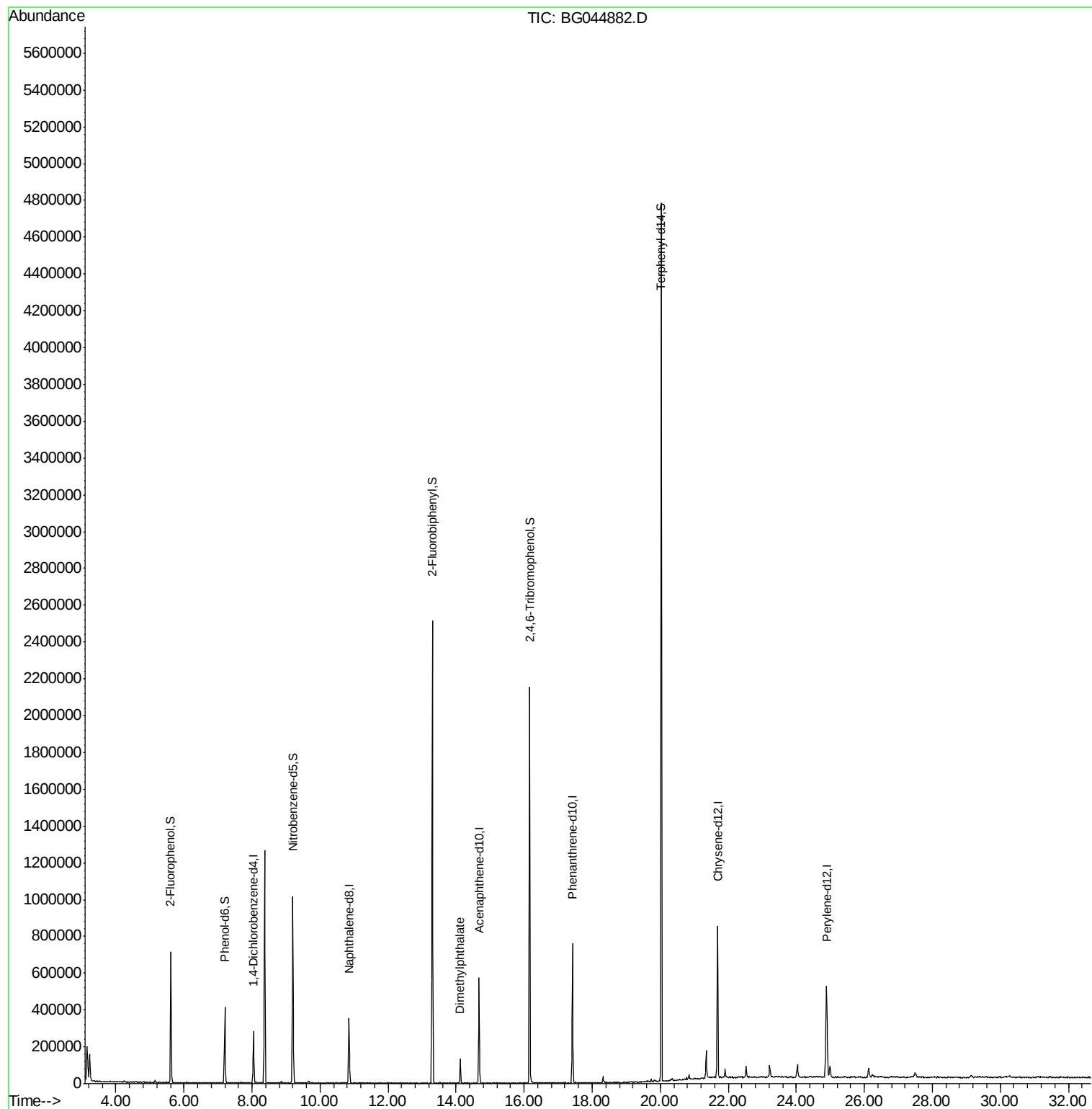
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83478	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	317010	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	209258	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	479645	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	518146	20.00	ng	-0.01
87) Perylene-d12	24.88	264	548992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	313230	58.41	ng	0.00
7) Phenol-d6	7.20	99	259801	33.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	663188	91.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	414912	151.43	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1353158	92.60	ng	0.00
79) Terphenyl-d14	20.03	244	2246904	81.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	90104	5.406	ng	Qvalue 98

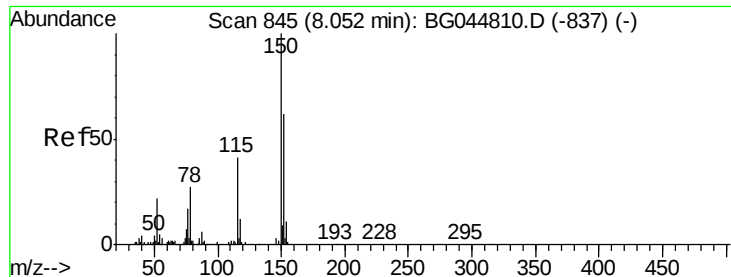
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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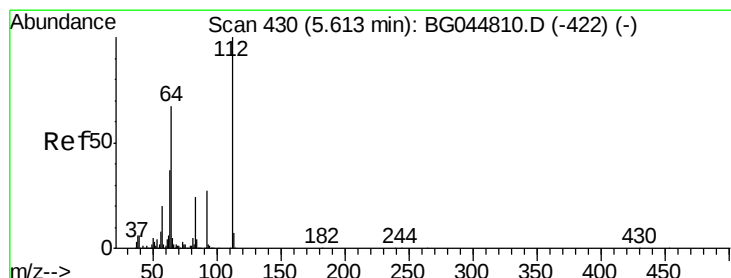
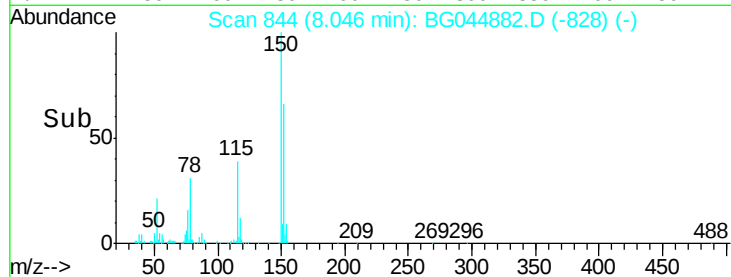
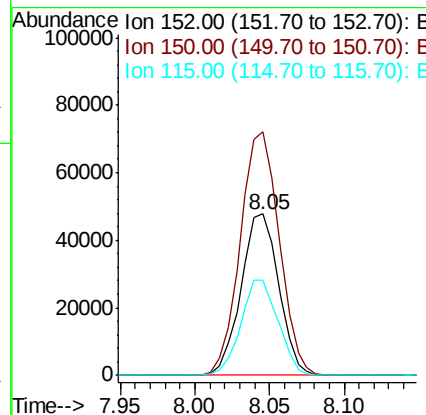
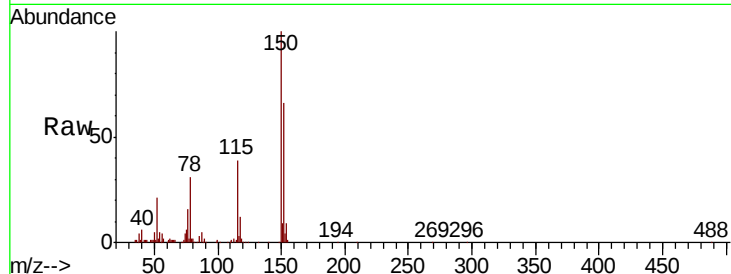


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

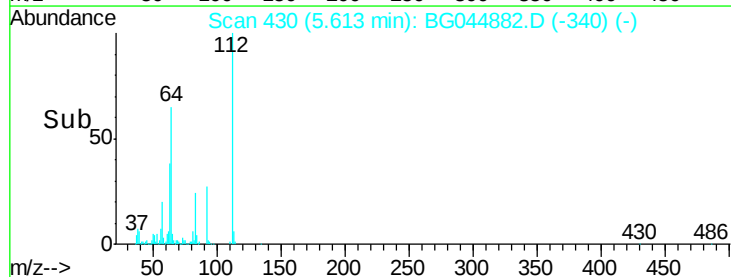
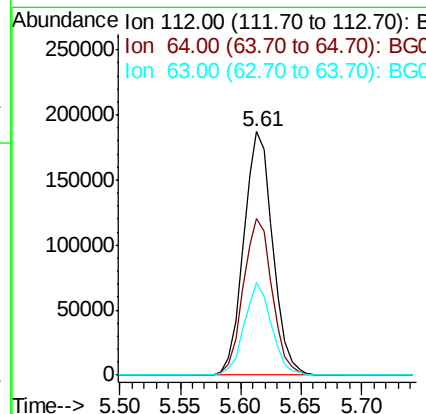
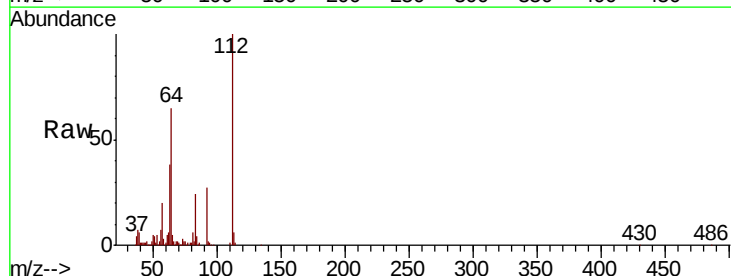
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	128.8	193.2
115	58.9	52.6	79.0

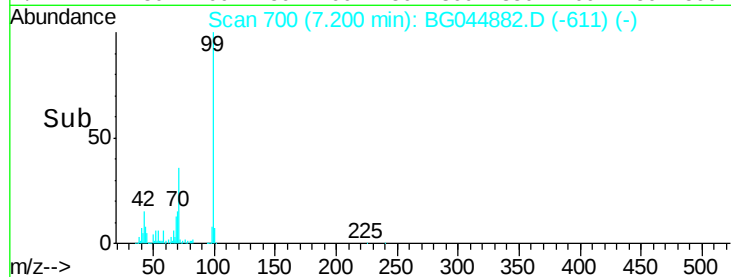
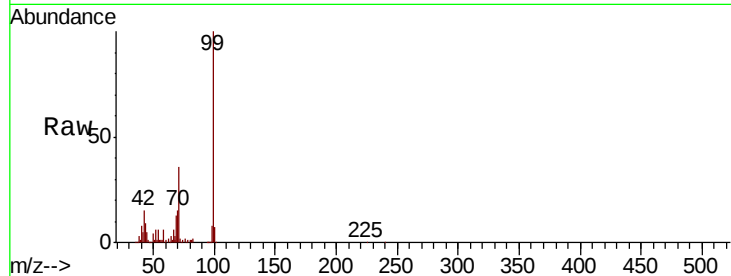
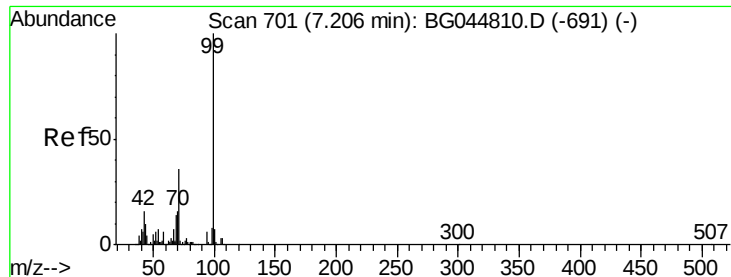


#5

2-Fluorophenol
 Concen: 58.411 ng
 RT: 5.61 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.4	80.2
63	38.1	29.4	44.2





#7

Phenol-d6

Concen: 33.345 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

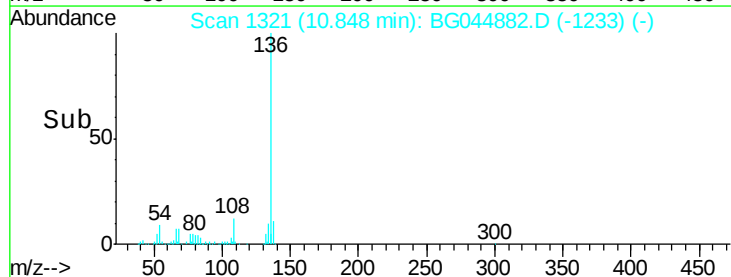
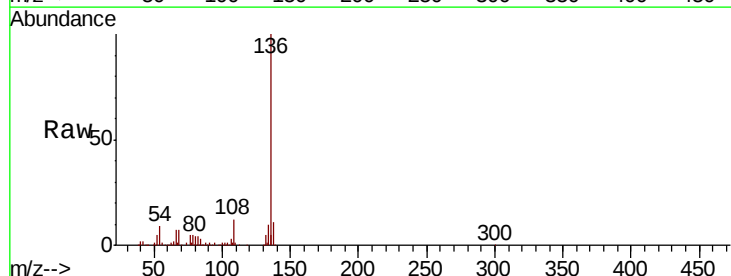
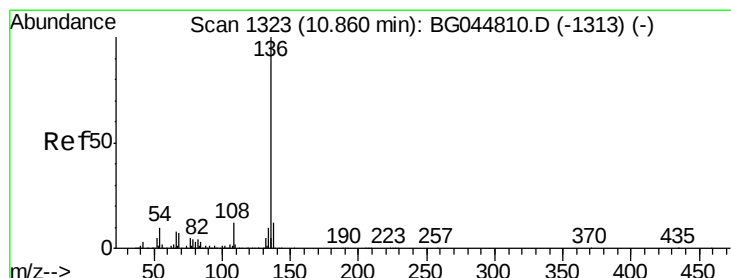
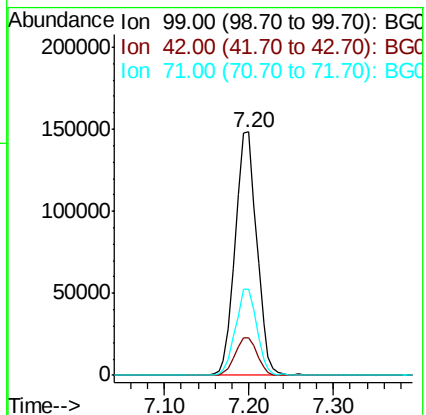
Tot Ion: 99 Resp: 259801

Ion Ratio Lower Upper

99 100

42 15.4 12.6 19.0

71 35.6 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: BG044882.D

Acq: 19 Mar 2020 3:06

Tgt Ion: 136 Resp: 317010

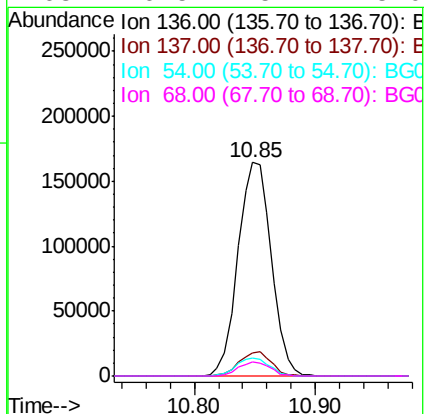
Ion Ratio Lower Upper

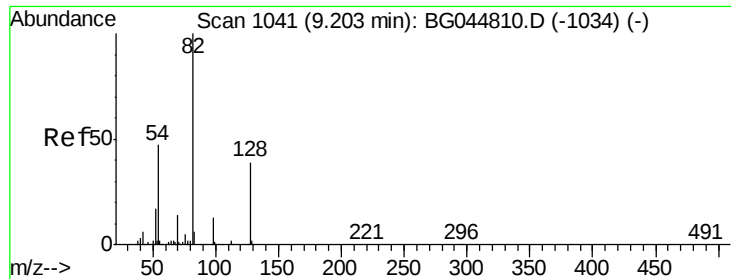
136 100

137 10.7 9.8 14.6

54 8.7 7.9 11.9

68 6.5 5.4 8.0

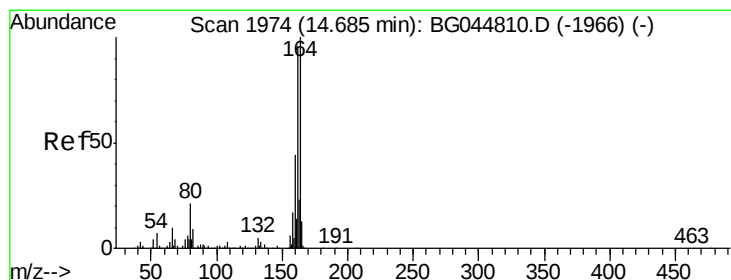
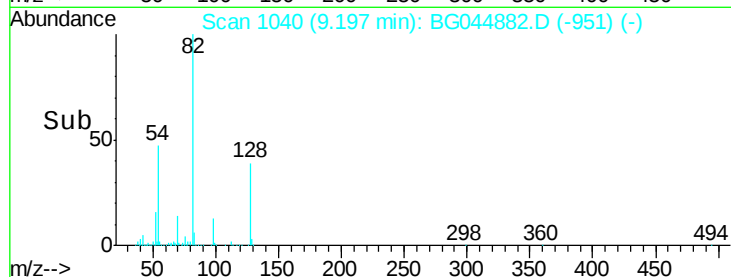
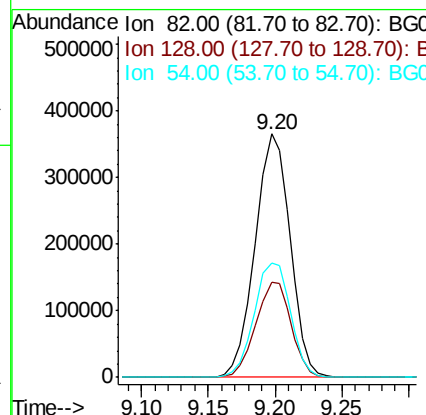
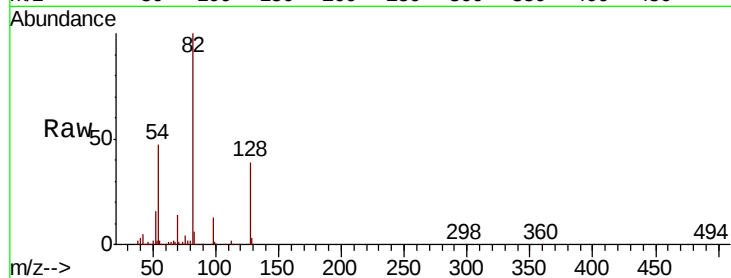




#23
 Nitrobenzene-d5
 Concen: 91.800 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

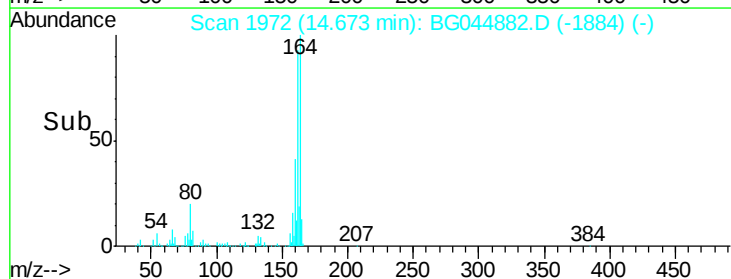
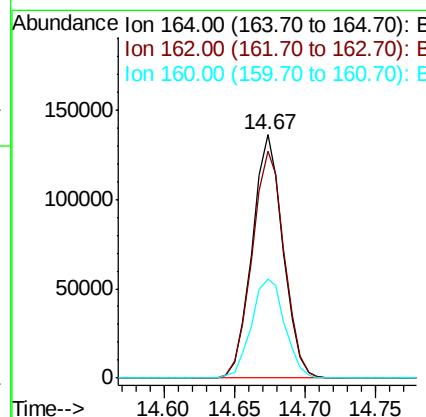
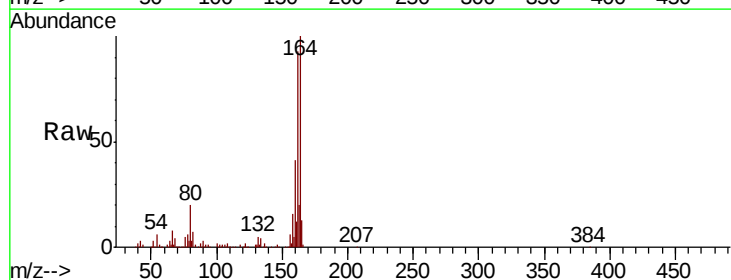
Instrument :
 BNA_G
 ClientSampleId :
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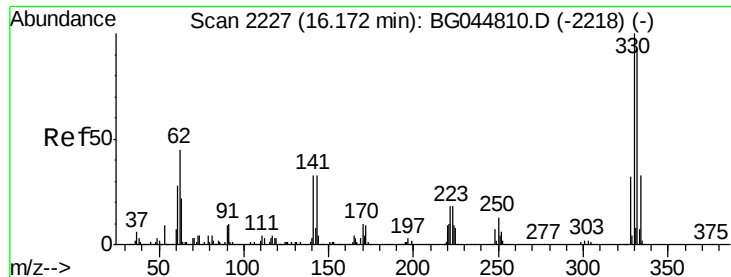
Tot Ion	82	Resp	663188
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.6	46.0
54	47.1	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

Tgt Ion	164	Resp	209258
Ion Ratio	Lower	Upper	
164	100		
162	93.2	76.7	115.1
160	40.5	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 151.433 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

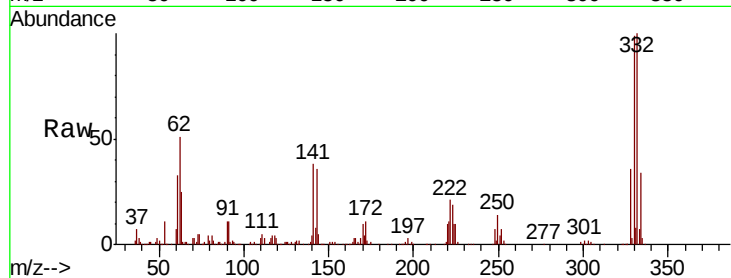
Tot Ion:330 Resp: 414912

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

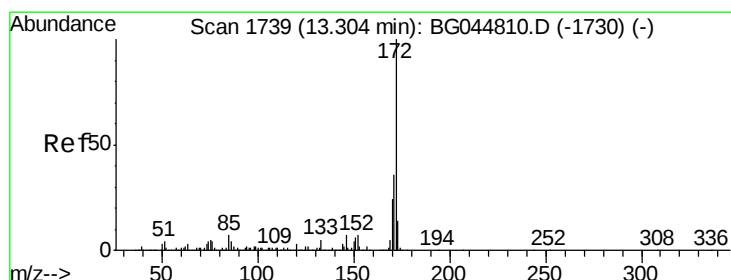
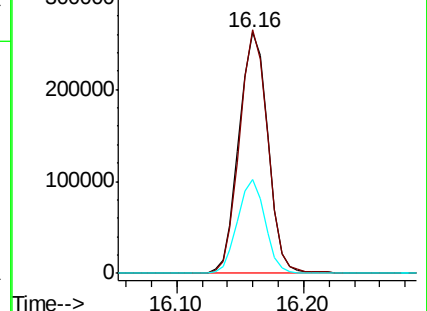
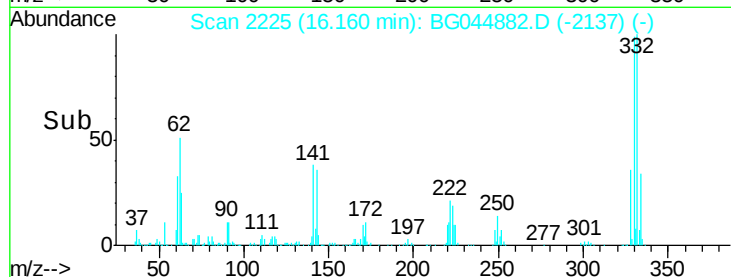
141 37.2 29.5 44.3



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: 92.602 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

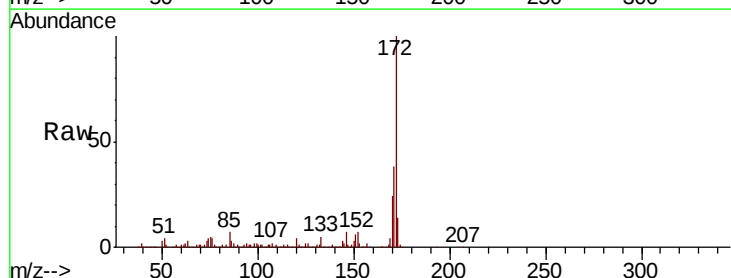
Tgt Ion:172 Resp: 1353158

Ion Ratio Lower Upper

172 100

171 38.1 28.7 43.1

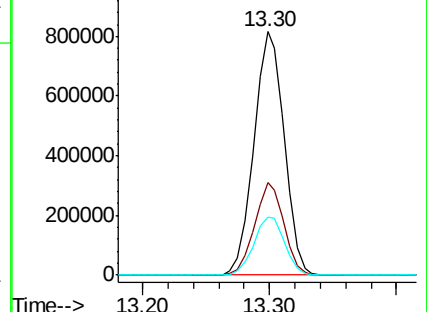
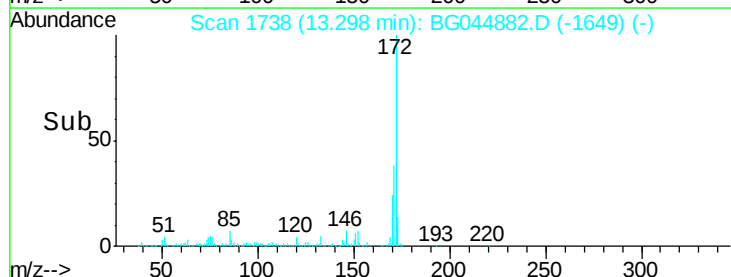
170 24.0 19.0 28.6

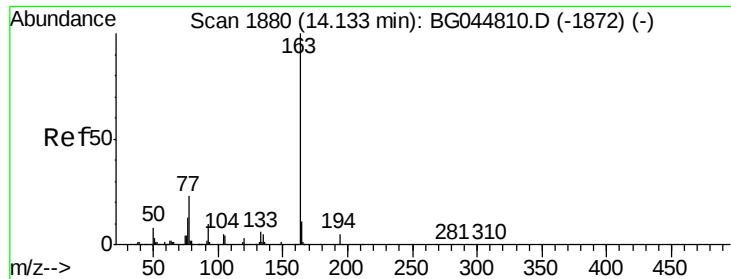


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

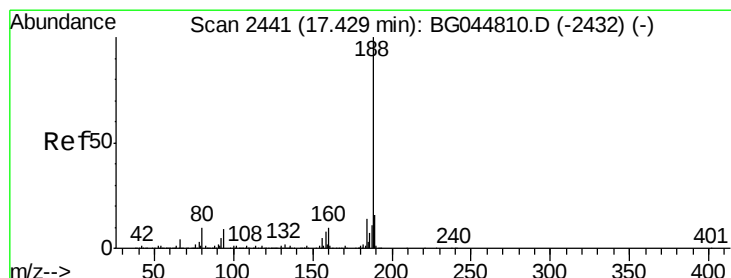
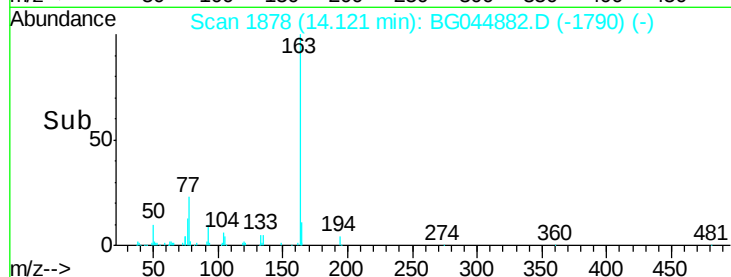
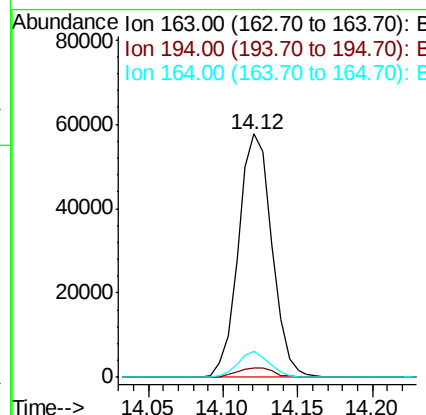
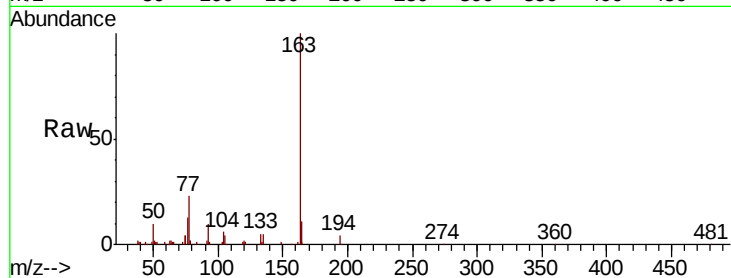




#50
Dimethylphthalate
Concen: 5.406 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

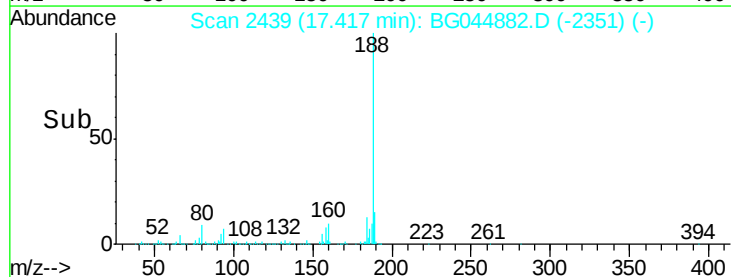
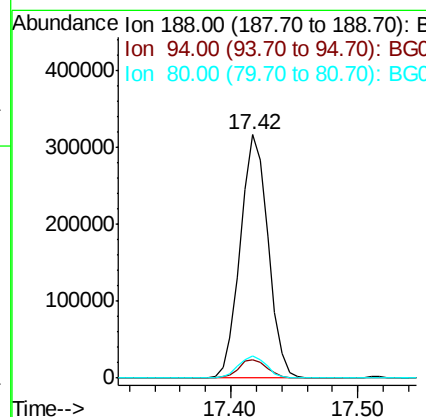
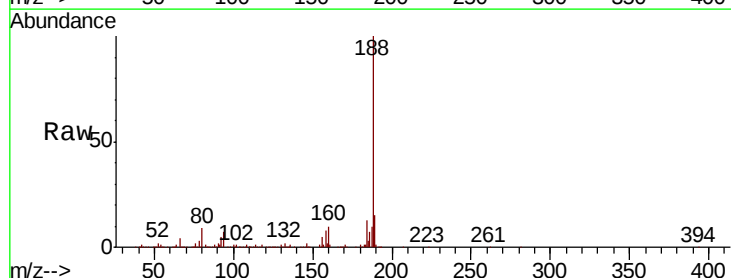
Instrument :
BNA_G
ClientSampleId :
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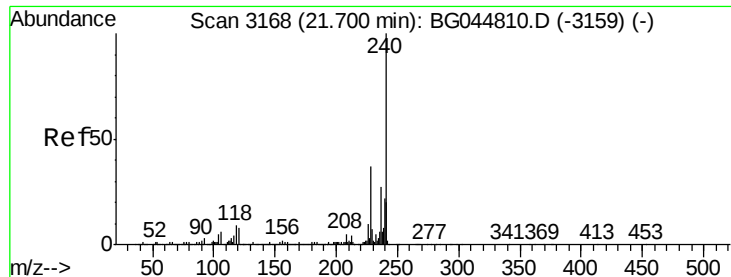
Tot Ion:163 Resp: 90104
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.9 9.1 13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Tgt Ion:188 Resp: 479645
Ion Ratio Lower Upper
188 100
94 7.4 7.3 10.9
80 9.3 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

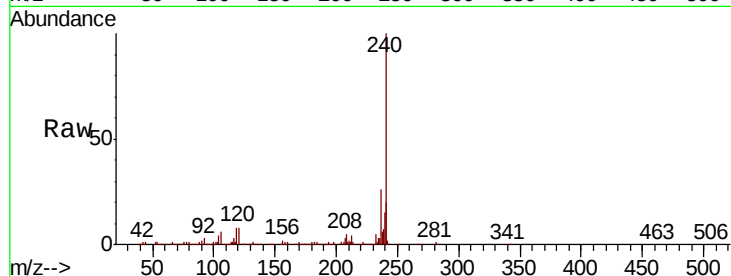
Tot Ion:240 Resp: 518146

Ion Ratio Lower Upper

240 100

120 7.5 6.7 10.1

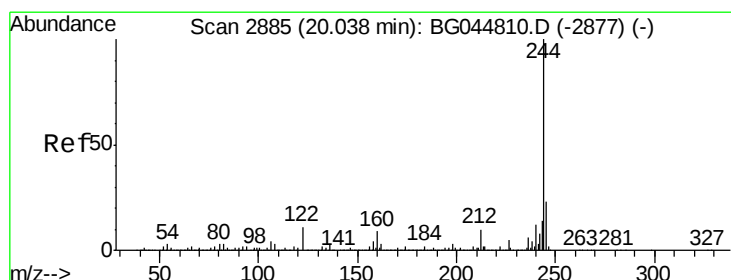
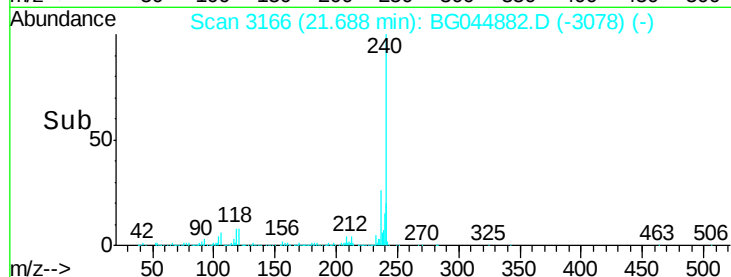
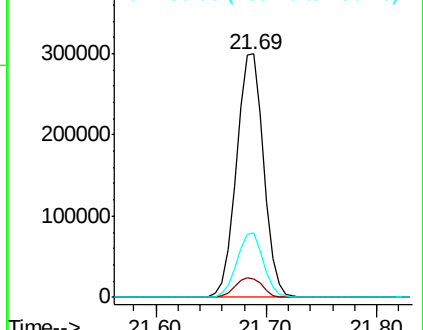
236 26.2 21.5 32.3



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: 81.115 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

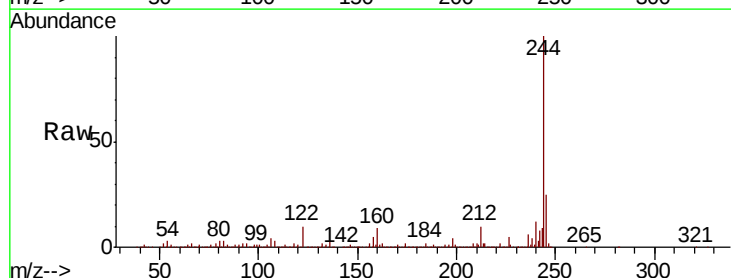
Tgt Ion:244 Resp: 2246904

Ion Ratio Lower Upper

244 100

212 9.8 7.7 11.5

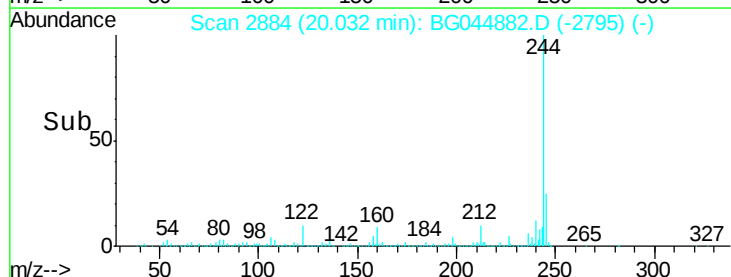
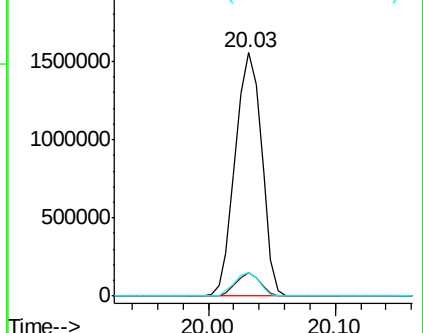
122 9.7 8.6 12.8

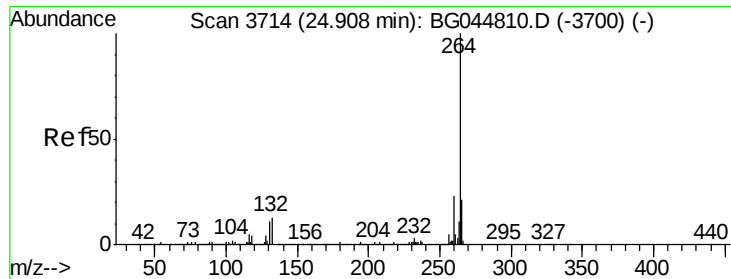


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

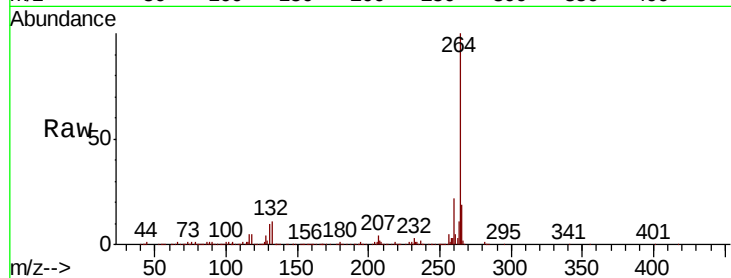




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.1	27.1
265	19.1	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

